DULUTH INTERNATIONAL AIRPORT

Director of Airports: Brian Ryks
4701 GRINDEN DRIVE - DULUTH INTERNATIONAL AIRPORT
DULUTH, MINNESOTA 55811

DULUTH AIRPORT AUTHORITY BOARD OF DIRECTORS

- President: John Eagleton
- Vice President: Robert Pearson
- Secretary: Michael Lundstrom
- Conrad Firling
- Roy Niemi
- Sue Ross
- Roger Wedin

FAA AIP No. - 3-27-0024-48-10
RS&H PROJ. No. - 213.1882.091
CITY OF DULUTH BID No. - 10-4401



NEW PASSENGER TERMINAL
BID PACKAGE 2A - ISSUED FOR BID
VOLUME 2 OF 3
ARCHITECTURAL

JANUARY 24, 2011

KRAUS-ANDERSON® CONSTRUCTION COMPANY

Construction Managers:
KRAUS-ANDERSON.
3716 Oneota Street
Duluth MN 55807
TEL: (218) 722-3775 / FAX: (218) 722-3778

RS&H IMPROVING YOUR WORLD

Architects and Civil Engineers:
REYNOLDS, SMITH & HILLS, INC.
4525 Airport Approach Road,
Duluth MN 55811
TEL: (218) 722-1227 / FAX: (218) 722-1052

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340,
Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300,
Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor,
Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103,
Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street,
Duluth MN 55812
TEL: (218) 591-5079

DRAWING LIST – VOLUME 1

G101 DRAWING LIST

CIVIL

C002 SAFETY AND SECURITY NOTES AND DETAILS
C003 CONSTRUCTION SAFETY PHASING PLAN
C004 ULTIMATE DEVELOPMENT PLAN
C205 CIVIL GEOMETRY PLAN
C207 SIDEWALK/CROSSWALK TYPICAL SECTION AND JOINT LAYOUT
C208 TYPICAL PAVEMENT SECTIONS
C209 CONCRETE PAVEMENT JOINT DETAILS
C402 GRADING AND EROSION PLAN (FOR REFERENCE ONLY)

STRUCTURAL

S001 TITLE SHEET
S002 GENERAL STRUCTURAL NOTES
S003 GENERAL STRUCTURAL NOTES

S101 OVERALL FIRST LEVEL FLOOR PLAN
S102 OVERALL SECOND LEVEL FLOOR PLAN
S103 OVERALL THIRD LEVEL FLOOR PLAN
S104 OVERALL ROOF LEVEL FLOOR PLAN
S106 CANOPY FOUNDATION PLAN – AREA A
S107 CANOPY FOUNDATION PLAN – AREA B
S108 CANOPY ROOF FRAMING PLAN – AREA A
S109 CANOPY ROOF FRAMING PLAN – AREA B

S110 FOUNDATION PLAN – AREA A
S111 FOUNDATION PLAN – AREA B
S112 SECOND LEVEL FRAMING PLAN – AREA A
S113 SECOND LEVEL FRAMING PLAN – AREA B
S114 THIRD LEVEL FRAMING PLAN – AREA A
S115 THIRD LEVEL FRAMING PLAN – AREA B
S116 ROOF LEVEL FRAMING PLAN – AREA A
S117 ROOF LEVEL FRAMING PLAN – AREA B
S118 TUG ROAD FOUNDATION PLAN
S119 TUG ROAD ROOF FRAMING PLAN

S301 BRACING ELEVATIONS AND DETAILS
S302 BRACING ELEVATIONS AND DETAILS

S401 COLUMN SCHEDULE AND DETAILS

S501 STRUCTURAL DETAILS
S502 STRUCTURAL DETAILS
S503 STRUCTURAL DETAILS
S504 STRUCTURAL DETAILS
S505 STRUCTURAL DETAILS
S701 STRUCTURAL DETAILS
S702 STRUCTURAL DETAILS
S703 STRUCTURAL DETAILS
S704 STRUCTURAL DETAILS
S705 STRUCTURAL DETAILS
S706 STRUCTURAL DETAILS

DRAWING LIST – VOLUME 2

G101 DRAWING LIST

ARCHITECTURAL

AS100 OVERALL SITE PLAN
AS101 ARCHITECTURAL SITE PLAN

A001 ABBREVIATIONS AND GENERAL NOTES
A002 SYMBOLS AND ADA
A003 PARTITION TYPES

A101 OVERALL FIRST FLOOR PLAN
A102 OVERALL SECOND FLOOR PLAN
A103 OVERALL THIRD FLOOR PLAN
A104 OVERALL ROOF PLAN
A110 FIRST FLOOR AREA A
A111 FIRST FLOOR AREA B
A112 SECOND FLOOR AREA A
A113 SECOND FLOOR AREA B
A114 THIRD FLOOR AREA A
A115 THIRD FLOOR AREA B

A201 OVERALL FIRST FLOOR RCP
A202 OVERALL SECOND FLOOR RCP
A203 OVERALL THIRD FLOOR RCP
A210 ENLARGED FIRST FLOOR RCP AREA A
A211 ENLARGED FIRST FLOOR RCP AREA B
A212 ENLARGED SECOND FLOOR RCP AREA A
A213 ENLARGED SECOND FLOOR RCP AREA B
A214 ENLARGED THIRD FLOOR RCP AREA A
A215 ENLARGED THIRD FLOOR RCP AREA B

A301 EXTERIOR ELEVATIONS
A302 EXTERIOR ELEVATIONS
A310 BUILDING SECTIONS
A311 BUILDING SECTIONS

A401 WALL SECTIONS
A402 WALL SECTIONS
A403 WALL SECTIONS
A404 WALL SECTIONS
A405 WALL SECTIONS

A510 PLAN DETAILS
A511 PLAN DETAILS
A512 PLAN DETAILS
A513 PLAN DETAILS
A520 SECTION DETAILS
A521 SECTION DETAILS
A522 SECTION DETAILS
A523 ROOF DETAILS
A530 EXTERIOR SYSTEMS – VERTICAL CIRCULATION
A530A EXTERIOR SYSTEMS – VERTICAL CIRCULATION
A530B EXTERIOR SYSTEMS – VERTICAL CIRCULATION
A531 INTERIOR SYSTEMS – VERTICAL CIRCULATION
A532 INTERIOR SYSTEMS – VERTICAL CIRCULATION
A533 INTERIOR SYSTEMS – VERTICAL CIRCULATION
A534 INTERIOR SYSTEM SHEET – MAIN ELEVATOR
A535 INTERIOR SYSTEM SHEET – MAIN STAIR AND ESCALATOR
A540 VERTICAL CIRCULATION DETAILS
A541 VERTICAL CIRCULATION DETAILS
A542 MISC. SECTION DETAILS
A560 MILLWORK ELEVATIONS
A561 MILLWORK ELEVATIONS
A562 MILLWORK ELEVATIONS AND DETAILS
A563 MILLWORK DETAILS
A564 MILLWORK ELEVATIONS AND DETAILS – TICKETING
A565 MILLWORK ELEVATIONS AND DETAILS – RENT-A-CAR
A566 MILLWORK ELEVATIONS AND DETAILS – CBP

A601 INTERIOR ELEVATIONS
A602 INTERIOR ELEVATIONS
A603 INTERIOR ELEVATIONS
A604 INTERIOR ELEVATIONS
A605 INTERIOR ELEVATIONS
A606 INTERIOR ELEVATIONS
A607 INTERIOR ELEVATIONS
A608 INTERIOR ELEVATIONS
A610 INTERIOR SYSTEM SHEET – RESTROOMS
A611 INTERIOR SYSTEM SHEET – RESTROOMS
A612 INTERIOR SYSTEM SHEET – RESTROOMS
A620 INTERIOR SYSTEM SHEET – WOOD CEILING
A621 INTERIOR SYSTEM SHEET – METAL CEILING
A622 CEILING SECTION DETAILS
A623 CEILING PLAN DETAILS
A630 FEATURE WALL SYSTEM DETAILS
A631 FEATURE WALL SYSTEM DETAILS

A701 DOOR SCHEDULES
A702 DOOR DETAILS
A703 DOOR DETAILS
A710 EXTERIOR SYSTEM SHEET – LANDSIDE CURTAIN WALL
A711 EXTERIOR SYSTEM SHEET – LANDSIDE CURTAIN WALL
A712 EXTERIOR SYSTEM SHEET – AIRSIDE CURTAIN WALL
A713 EXTERIOR SYSTEM SHEET – AIRSIDE CURTAIN WALL
A714 EXTERIOR SYSTEM SHEET – ENTRY VESTIBULE
A715 EXTERIOR SYSTEM SHEET – CORE WALL
A720 EXTERIOR SYSTEM SHEET – TUG TUNNEL
A721 EXTERIOR SYSTEM SHEET – TUG TUNNEL
A722 EXTERIOR SYSTEM SHEET – TUG TUNNEL
A723 EXTERIOR SYSTEM SHEET – CANOPY

A801 INTERIOR FINISH SCHEDULES
A802 INTERIOR MATERIALS SCHEDULE
A810 INTERIOR FINISHES – FIRST FLOOR TERRAZZO PLAN
A810A INTERIOR FINISHES – SECOND FLOOR TERRAZZO PLAN

LS101 FIRST FLOOR LIFE SAFETY
LS102 SECOND FLOOR LIFE SAFETY
LS103 THIRD FLOOR LIFE SAFETY
LS110 EXISTING BASEMENT LIFE SAFETY
LS111 FIRST FLOOR INTERIM LIFE SAFETY
LS112 SECOND FLOOR INTERIM LIFE SAFETY

DRAWING LIST – VOLUME 3

G101 DRAWING LIST

MECHANICAL

M001 MECHANICAL LEGEND
M002 MECHANICAL SYMBOLS

M108 ENLARGED UNDERGROUND MECHANICAL PLAN AREA A
M109 ENLARGED UNDERGROUND MECHANICAL PLAN AREA B
M110 ENLARGED FIRST FLOOR MECHANICAL PLAN AREA A
M111 ENLARGED FIRST FLOOR MECHANICAL PLAN AREA B
M112 ENLARGED SECOND FLOOR MECHANICAL PLAN AREA A
M113 ENLARGED SECOND FLOOR MECHANICAL PLAN AREA B
M114 ENLARGED THIRD FLOOR MECHANICAL PLAN AREA A
M115 ENLARGED THIRD FLOOR MECHANICAL PLAN AREA B
M116 ENLARGED ROOF MECHANICAL PLAN AREA A

MP110 ENLARGED FIRST FLOOR MECH. PIPING PLAN AREA A
MP111 ENLARGED FIRST FLOOR MECH. PIPING PLAN AREA B
MP112 ENLARGED SECOND FLOOR MECH. PIPING PLAN AREA A
MP113 ENLARGED SECOND FLOOR MECH. PIPING PLAN AREA B
MP114 ENLARGED THIRD FLOOR MECH. PIPING PLAN AREA A
MP115 ENLARGED THIRD FLOOR MECH. PIPING PLAN AREA B

M201 DIESEL GENERATOR MECHANICAL PLAN & DETAILS
M202 MECHANICAL SECTIONS & ELEVATIONS

M301 HEATING HOT WATER FLOW DIAGRAM
M302 CHILLED WATER FLOW DIAGRAM
M303 SNOW MELT SYSTEM SCHEMATIC INTERIOR PIPE ROUTING DIAGRAM

M401 MECHANICAL EQUIPMENT SCHEDULES I
M402 MECHANICAL EQUIPMENT SCHEDULES II
M403 MECHANICAL EQUIPMENT SCHEDULES III

M501 MECHANICAL DETAILS I
M502 MECHANICAL DETAILS II
M503 MECHANICAL DETAILS III
M504 MECHANICAL DETAILS IV
M505 MECHANICAL DETAILS V

ELECTRICAL

E001 ELECTRICAL SYMBOLS
E002 ELECTRICAL SITE PLAN

E110 ENLARGED FIRST FLOOR ELECTRICAL PLAN AREA A
E111 ENLARGED FIRST FLOOR ELECTRICAL PLAN AREA B
E112 ENLARGED SECOND FLOOR ELECTRICAL PLAN AREA A
E113 ENLARGED SECOND FLOOR ELECTRICAL PLAN AREA B
E114 ENLARGED THIRD FLOOR ELECTRICAL PLAN AREA A
E115 ENLARGED THIRD FLOOR ELECTRICAL PLAN AREA B
E116 ELECTRICAL ROOF PLAN
E117 RAMP ELECTRICAL POWER AND LIGHTING PLAN
E118 CANOPY LIGHTING PLAN
E119 APRON LIGHTING PLAN

EL110 ENLARGED FIRST FLOOR LIGHTING PLAN AREA A
EL111 ENLARGED FIRST FLOOR LIGHTING PLAN AREA B
EL112 ENLARGED SECOND FLOOR LIGHTING PLAN AREA A
EL113 ENLARGED SECOND FLOOR LIGHTING PLAN AREA B
EL114 ENLARGED THIRD FLOOR LIGHTING PLAN AREA A
EL115 ENLARGED THIRD FLOOR LIGHTING PLAN AREA B

E200 ENLARGED EQUIPMENT ROOMS

E201 GROUNDING PLAN

E300 POWER RISER DIAGRAM
E301 FIRE ALARM AND GROUNDING RISER DIAGRAMS

E400 ELECTRICAL ABBREVIATIONS AND TABLES
E401 LIGHTING FIXTURE SCHEDULE
E402 ELECTRICAL EQUIPMENT SCHEDULE AND NOTES
E403 PANEL SCHEDULES
E404 PANEL SCHEDULES
E405 PANEL SCHEDULES
E406 PANEL SCHEDULES
E407 PANEL SCHEDULES
E408 PANEL SCHEDULES

ET001 TECHNOLOGY/ SECURITY SYSTEMS LEGEND AND NOTES
ET401 TECHNOLOGY FIRST FLOOR PLAN
ET402 TECHNOLOGY SECOND FLOOR PLAN
ET403 TECHNOLOGY THIRD FLOOR PLAN
ET410 TECHNOLOGY FIRST FLOOR PLAN AREA A
ET411 TECHNOLOGY FIRST FLOOR PLAN AREA B
ET412 TECHNOLOGY SECOND FLOOR PLAN AREA A
ET413 TECHNOLOGY SECOND FLOOR PLAN AREA B
ET414 TECHNOLOGY THIRD FLOOR PLAN AREA A
ET415 TECHNOLOGY THIRD FLOOR PLAN AREA B
ET501 COMMUNICATIONS EQUIPMENT RACK ELEVATION
ET502 ENLARGED ROOM PLANS
ET503 ACCESS CONTROL DETAILS
ET504 ACCESS CONTROL DETAILS
ET505 ACCESS CONTROL SIGNS
ET600 ACCESS POINT SCHEDULE
ET601 SECURITY RISER
ET602 MUFIDS RISER
ET603 VIDEO SURVEILLANCE RISER
ET604 NETWORK RISER
ET605 CATV & DISPLAY RISERS
ET606 COMMUNICATION RISER

PG000 PAGING SYSTEM DRAWING LIST NOTES AND SYMBOLS LIST
PG001 PAGING SYSTEM DRAWING LIST NOTES AND SYMBOLS LIST
PG110 PAGING SYSTEM FIRST FLOOR PLAN – FACILITY
PG111 PAGING SYSTEM FIRST FLOOR PLAN – FACILITY
PG112 PAGING SYSTEM SECOND FLOOR PLAN – FACILITY
PG113 PAGING SYSTEM SECOND FLOOR PLAN – FACILITY
PG114 PAGING SYSTEM THIRD FLOOR PLAN – FACILITY
PG115 PAGING SYSTEM THIRD FLOOR PLAN – FACILITY
PG210 PAGING SYSTEM FIRST FLOOR RCP – FACILITY
PG210A PAGING SYSTEM FIRST FLOOR RCP – FACILITY
PG211 PAGING SYSTEM FIRST FLOOR RCP – FACILITY
PG211A PAGING SYSTEM FIRST FLOOR RCP – FACILITY
PG212 PAGING SYSTEM SECOND FLOOR RCP – FACILITY
PG213 PAGING SYSTEM SECOND FLOOR RCP – FACILITY
PG214 PAGING SYSTEM THIRD FLOOR RCP – FACILITY
PG215 PAGING SYSTEM THIRD FLOOR RCP – FACILITY
PG310 PAGING SYSTEM FIRST FLOOR PLAN – INFRASTRUCTURE
PG311 PAGING SYSTEM FIRST FLOOR PLAN – INFRASTRUCTURE
PG312 PAGING SYSTEM SECOND FLOOR PLAN – INFRASTRUCTURE
PG313 PAGING SYSTEM SECOND FLOOR PLAN – INFRASTRUCTURE
PG314 PAGING SYSTEM THIRD FLOOR PLAN – INFRASTRUCTURE
PG315 PAGING SYSTEM THIRD FLOOR PLAN – INFRASTRUCTURE
PG410 PAGING SYSTEM FIRST FLOOR RCP – INFRASTRUCTURE
PG410A PAGING SYSTEM FIRST FLOOR RCP – INFRASTRUCTURE
PG411 PAGING SYSTEM FIRST FLOOR RCP – INFRASTRUCTURE
PG411A PAGING SYSTEM FIRST FLOOR RCP – INFRASTRUCTURE
PG412 PAGING SYSTEM SECOND FLOOR RCP – INFRASTRUCTURE
PG413 PAGING SYSTEM SECOND FLOOR RCP – INFRASTRUCTURE
PG414 PAGING SYSTEM THIRD FLOOR RCP – INFRASTRUCTURE
PG415 PAGING SYSTEM THIRD FLOOR RCP – INFRASTRUCTURE
PG500 PAGING SYSTEM ENLARGED FLOOR PLANS
PG600 PAGING SYSTEM DETAILS
PG601 PAGING SYSTEM DETAILS
PG700 PAGING SYSTEM SIGNAL FLOWS

PLUMBING

P001 PLUMBING SYMBOL LIST, ABBREVIATIONS AND DRAWING LIST

P100 ENLARGED UNDERGROUND PLUMBING PLAN AREA A
P101 ENLARGED UNDERGROUND PLUMBING PLAN AREA B
P102 ENLARGED UNDERGROUND PLUMBING PLAN AREA A
P103 ENLARGED UNDERGROUND PLUMBING PLAN AREA B
P110 ENLARGED FIRST FLOOR PLUMBING PLAN AREA A
P111 ENLARGED FIRST FLOOR PLUMBING PLAN AREA B
P112 ENLARGED SECOND FLOOR PLUMBING PLAN AREA A
P113 ENLARGED SECOND FLOOR PLUMBING PLAN AREA B
P114 ENLARGED THIRD FLOOR PLUMBING PLAN AREA A
P115 ENLARGED THIRD FLOOR PLUMBING PLAN AREA B
P116 ENLARGED ROOF LEVEL PLUMBING PLAN AREA A
P117 ENLARGED ROOF LEVEL PLUMBING PLAN AREA B
P118 ENLARGED FIRST FLOOR PLUMBING PLAN AREA A CANOPY
P119 ENLARGED FIRST FLOOR PLUMBING PLAN AREA B CANOPY
P120 ENLARGED SECOND FLOOR PLUMBING PLAN AREA A CANOPY ROOF
P121 ENLARGED SECOMD FLOOR PLUMBING PLAN AREA B CANOPY ROOF
P122 TUG RAMP ROOF PLUMBING PLAN

P301 WATER SCHEMATIC, GAS SCHEMATIC, AND STORM RISER DIAGRAM
P302 COLD & HOT WATER RISER DIAGRAM
P303 WASTE AND VENT RISER DIAGRAM

P401 PLUMBING DETAILS
P402 PLUMBING DETAILS
P403 PLUMBING DETAILS

P501 PLUMBING SCHEDULES

FIRE PROTECTION

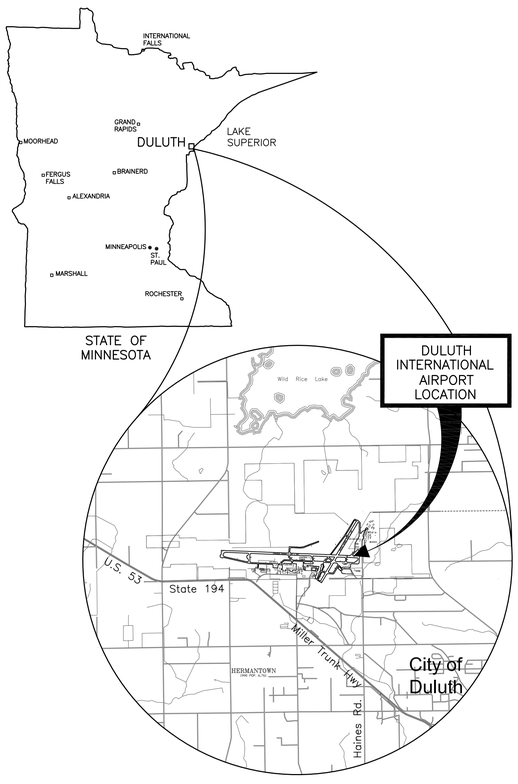
F001 FIRE PROTECTION SYMBOL LIST, ABBREVIATIONS AND DRAWING INDEX

F110 ENLARGED FIRST FLOOR FIRE PROTECTION PLAN AREA A
F111 ENLARGED FIRST FLOOR FIRE PROTECTION PLAN AREA B
F112 ENLARGED SECOND FLOOR FIRE PROTECTION PLAN AREA A
F113 ENLARGED SECOND FLOOR FIRE PROTECTION PLAN AREA B
F114 ENLARGED THIRD FLOOR FIRE PROTECTION PLAN AREA A
F115 ENLARGED THIRD FLOOR FIRE PROTECTION PLAN AREA B

F401 FIRE PROTECTION DETAILS

F501 FIRE PROTECTION SCHEDULES AND RISER DIAGRAM

GENERAL NOTE:
FOR ADA STANDARDS, PLUMBING FIXTURES' MOUNTING HEIGHTS AND CLEARANCES, SEE A002



1 LOCATION MAP
N.T.S.

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
DRAWING LIST

SHEET NUMBER
G101

BID PACKAGE 2A ISSUED FOR BID

EXISTING TAXIWAY

EXISTING APRON

EXISTING TAXIWAY

EDGE OF NEW APRON

NEW APRON

EDGE OF NEW APRON

EXISTING EMPLOYEE ACCESS ROAD

NOTE: OVERALL SITE PLAN FOR REFERENCE ONLY. SEE CIVIL.

GATE 1

GATE 2

GATE 3

GATE 4

TUG RAMP ENCLOSURE

NEW TERMINAL BUILDING

PERMIT PARKING

24'-0" TYP.

NEW CELL PHONE LOT

NEW CANOPY

RENTAL PARKING

ROADWAY

SHORT TERM PARKING

NEW ROADWAY UNDER CONSTRUCTION

LONG TERM PARKING

LONG TERM PARKING

EXISTING WETLAND

WETLAND

HEINS ROAD

RETENTION PONDS

GRINDEN DRIVE

REVENUE CONTROL BOOTHS AND CANOPY, N.I.C.

PROPOSED LONG TERM PARKING

AIRPORT ROAD

GRINDEN DRIVE

N

1 SITE PLAN
1" = 80'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

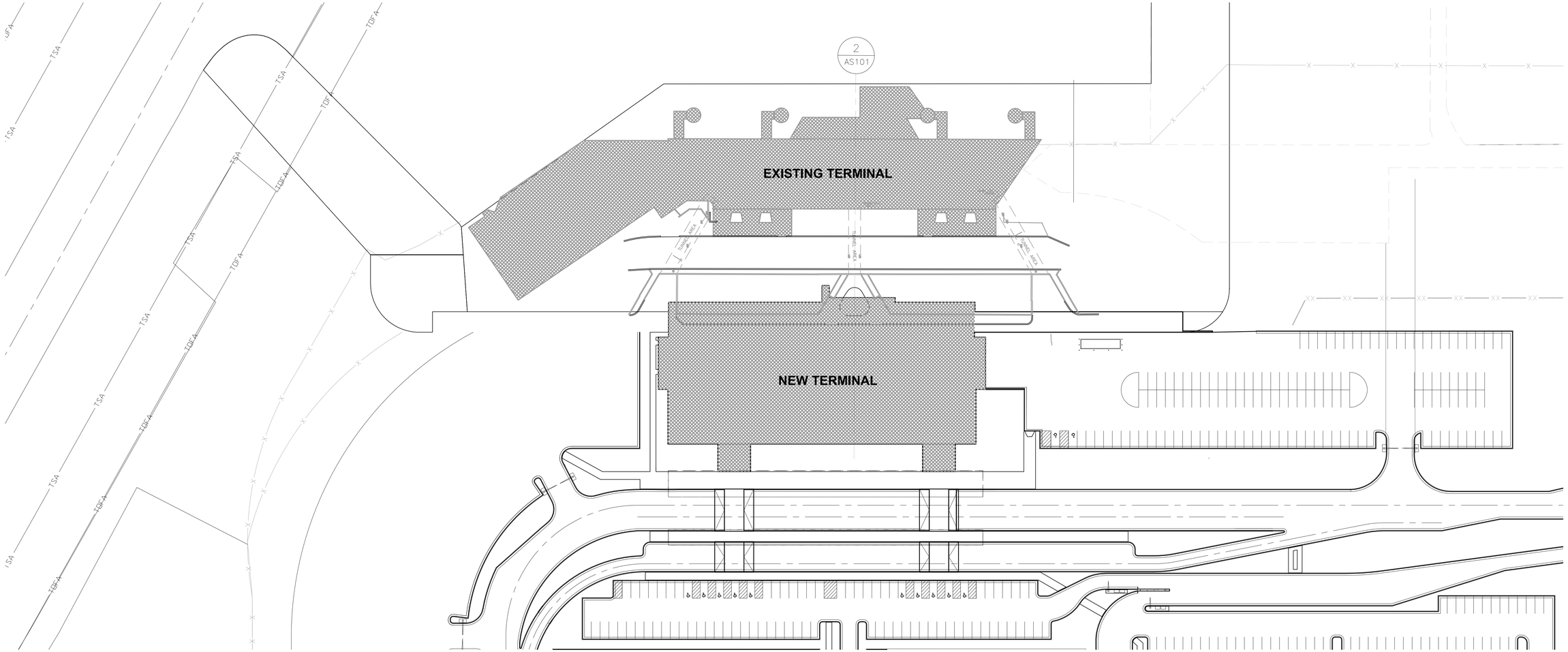
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
AS100

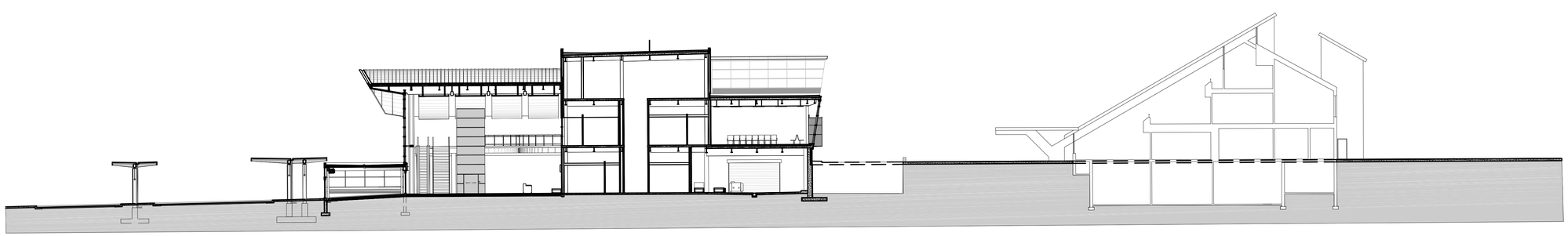
BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\AS100 Overall Site Plan.dwg Plotted on: 1/28/2011 5:31 PM Plotted by: ip, Mark



N

1 SITE PLAN
1" = 50'-0"



NEW TERMINAL

EXISTING TERMINAL

2 SITE SECTION
1" = 20'-0"

NOTE: SITE PLAN AND SECTION FOR REFERENCE ONLY. VERIFY ALL CONDITIONS IN FIELD.

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
CONSTRUCTION PHASE SITE INFORMATION

SHEET NUMBER
AS101

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\AS101 Construction Phase Site Information.dwg Plotted on: 1/28/2011 5:31 PM Plotted by: lp, Mark

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.C.T.	ACOUSTIC CEILING TILE
ADJ.	ADJACENT
A.E.S.S.	ARCH. EXPOSED STL. STRUCT.
A.H.U.	AIR HANDLER UNIT
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
ASPH.	ASPHALT
AUTO.	AUTOMATIC
BM.	BEAM
B.M.	BENCH MARK
BLKG.	BLOCKING
BD.	BOARD
BOT.	BOTTOM
BLDG.	BUILDING
C.F.M.F.	COLD-FORMED METAL FRAMING
C.R.	CARD READER
CPT.	CARPET
CLG.	CEILING
℄ or C.L.	CENTERLINE
C.T.	CERAMIC TILE
CL.	CLEAR
CTR.	CENTER
C.O.	CLEAN OUT
COL.	COLUMN
COMP.	COMPRESSIBLE
CONC.	CONCRETE
CONC. BLK.	CONCRETE BLOCK
CMU	CONCRETE MASONRY UNIT
CONN.	CONNECTION
CONT.	CONTINUOUS
C.J.	CONTROL JOINT
CORR.	CORRIDOR
CU.	CUBIC
C.W.	CURTAINWALL
DEG.	DEGREE
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DIST.	DISTANCE
DIV.	DIVIDER
DR.	DOOR
DN.	DOWN
DWG.	DRAWING
D.F.	DRINKING FOUNTAIN
EA.	EACH
ELEC.	ELECTRICAL
E.W.C.	ELECTRICAL WATER COOLER
EL.	ELEVATION
ENCL.	ENCLOSURE
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
EXP. JT.	EXPANSION JOINT
EXP.	EXPOSED
EXT.	EXTERIOR
FIN.	FEET
FT.	FINISH
F.E.C.	FIRE EXTINGUISHER CABINET
F.E.	FIRE EXTINGUISHER
F.H.C.	FIRE HOSE CABINET
F.H.R.	FIRE HOSE RACK
FIXT.	FIXTURE
F.I.D.	FLIGHT INFORMATION DISPLAY
FL.	FLOOR
F.D.	FLOOR DRAIN
FLUOR.	FLUORESCENT
FR.	FRAME
GA.	GAUGE
GALV.	GALVANIZED
GYP.BD.	GYPSUM BOARD
HBS.	HANDLING BAGGAGE SYSTEM
HDW.	HARDWARE
HD.	HEAD
H.P.	HIGH POINT
H.P.C.	HIGH PERFORMANCE COATING
HT.	HEIGHT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
I.D.	INCHES
IN.	INSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
JAN.	JANITOR
JT.	JOINT
LAM.	LAMINATED
LAV.	LAVATORY
L.F.	LINEAR FEET
L. PT.	LOW POINT
M.O.	MASONRY OPENING
MATL.	MATERIAL
MAX.	MAXIMUM
MECH.	MECHANICAL
M.H.	MAN HOLE
MTL.	METAL
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MULL.	MULLION
M.U.F.I.D.	MULTIPLE USE FLIGHT INFORMATION DISPLAY
NOM.	NOMINAL
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NO.	NUMBER
O.C.	ON CENTER
OPG.	OPENING
OPP.	OPPOSITE
OZ.	OUNCE
O.D.	OUTSIDE DIAMETER
O.A.	OVERALL
O.W.S.J.	OPEN WEB STEEL JOIST
PR.	PAIR
P.J.	PANEL JOINT
PLAS.	PLASTER
PL.	PLATE
PLMBG.	PLUMBING
PLYWD.	PLYWOOD
P.V.C.	POLYVINYLCHLORIDE
PT.	POINT
LBS.	POUNDS
PSI.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
PRPTY.	PROPERTY
QTY.	QUANTITY
Q.T.	QUARRY TILE
R.	RADIUS
RECT.	RECTANGULAR
REINF.	REINFORCEMENT
REQD.	REQUIRED
REV.	REVISION
R.H.	RIGHT HAND
R.D.	ROOF DRAIN
RM.	ROOM
SC.	SCALE
SCHED.	SCHEDULE
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
SQ. FT.	SQUARE FEET
S.S.	STAINLESS STEEL
STD.	STANDARD
STA.	STATION
STL.	STEEL
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
SYM.	SYMBOL
TEL.	TELEPHONE
THK.	THICKNESS
TSA	TRANSPORTATION SECURITY ADMINISTRATION
TYP.	TYPICAL
U.L.	UNDERWRITERS LABORATORIES
U.O.N.	UNLESS OTHERWISE NOTED
V.B.	VAPOR BARRIER
VERT.	VERTICAL
V.C.T.	VINYL COMPOSITION TILE
V.W.C.	VINYL WALL COVERING
VOL.	VOLUME
W.H.I.	WARNOCK HERSEY INTERNATIONAL
W.C.	WATER CLOSET
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC
WD.	WOOD
W.P.	WORKING POINT
XA	EXIT SIGN

PROJECT GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, STANDARDS AND GOVERNING AUTHORITIES.

2. REFER TO CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, STRUCTURAL AND ELECTRICAL DRAWINGS FOR COORDINATION OF WORK.

3. EACH TRADE CONTRACTOR SHALL VISIT THE SITE AND BECOME KNOWLEDGEABLE OF CONDITIONS THEREIN. EACH TRADE CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL THE REQUIREMENTS OF THE PROJECT AND SHALL NOTIFY THE ARCHITECT AND OWNER OF ANY CONDITIONS REQUIRING INFORMATION BEFORE PROCEEDING WITH THE WORK. EXISTING BUILDING DRAWINGS ARE AVAILABLE FROM THE OWNER FOR REVIEW. THE DOCUMENTS AVAILABLE MAY NOT BE REPRESENTATIVE OF ALL AS-BUILT CONDITIONS

4. THE TRADE CONTRACTORS SHALL PROTECT ALL EXISTING SITE ELEMENTS FROM DAMAGE DUE TO ALTERATION AND CONSTRUCTION OPERATIONS AND REPAIR OR REPLACE ELEMENTS DAMAGED DURING THE PROJECT.

5. ANY UTILITY SHUT-OFFS AS REQUIRED BY THE CONTRACTOR FOR COMPLETION OF THE WORK SUCH AS ELECTRICAL, WATER, SEWER, TELEPHONE, GAS ETC. MUST BE SCHEDULED WITH THE OWNER 72 HOURS PRIOR TO COMMENCING THE WORK. ALL WORK TO BE DONE IN OFF HOURS OR AT LOW-USE HOURS AS APPROVED BY THE OWNER.

6. DRAWINGS ARE TO BE ISSUED TO THE SUBCONTRACTORS IN COMPLETE SETS SO THAT THE EXTENT AND COORDINATION OF THE WORK IS MADE POSSIBLE.

7. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED FOR THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED.

8. WHERE SPECIFIC DIMENSIONS, DETAILS AND DESIGN INTENT CANNOT BE DETERMINED, NOTIFY THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH ANY WORK IN QUESTION.

9. DIMENSIONS SHALL GOVERN. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE PROCEEDING WITH THE WORK.

10. ALL DIMENSIONS SHALL BE VERIFIED ON THE SITE BEFORE PROCEEDING WITH THE WORK. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES.

11. UNLESS NOTED OTHERWISE, ALL WALLS AND PARTITIONS ARE DIMENSIONED TO THE FINISH FACE OF THE METAL FRAMING OR FACE OF C.M.U.

12. UNLESS NOTED OTHERWISE, ALL FASTENERS AND FASTENING DEVICES ARE TO BE CONCEALED IN ALL FINISHED SPACES.

13. ANY PIPING, DUCTS, CONDUITS, ETC. THAT PENETRATE FIRE-RATED WALLS SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE FIRE INTEGRITY OF THE FLOOR OR WALL. FIRE STOP RATINGS OF WALLS WHERE PENETRATIONS OCCUR. PROVIDE FIRE DAMPERS IN DUCTS PENETRATING FIRE-RATED WALLS TO MEET THE APPLICABLE BUILDING CODES. REFER TO ALL DRAWINGS FOR EXTENT AND FIRE RATING REQUIREMENTS. THE FIRE RATING OF THE FIRESTOP MUST BE EQUAL TO OR GREATER TO THE MINIMUM RATING OF THE FLOOR, ROOF OR WALL ASSEMBLY. ALL FIREPROOFING REPLACEMENT OR INSTALLATION TO BE COMPLETED BY CONTRACTOR PERFORMING THE PENETRATION.

14. ALL JOINTS OF ANY ELEMENT OF CONSTRUCTION WHICH ARE REQUIRED TO HAVE A FIRE-RESISTANCE RATING SHALL BE INSTALLED PER THE MANUFACTURER'S PUBLISHED TESTED ASSEMBLIES, SHALL BE TIGHT AND SHALL PREVENT THE PASSAGE OF SMOKE AND FLAME.

15. WHERE THE FIRE RATING OF WALLS ARE NOTED ON THE DRAWINGS, THE FIRE RATING SHALL APPLY TO THE ENTIRE PERIMETER ENCLOSURE OF THE ROOM OR SPACE FOR THE FULL LENGTH AND HEIGHT OF AREAS BEING SEPARATED, EXTENDING TO THE UNDERSIDE OF THE FLOOR OR ROOF DECK.

16. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER BY GASKETS OR COATINGS OR BOTH TO AVOID GALVANIC CORROSION ACTION.

17. ALL FERROUS METAL WORK LOCATED ON THE EXTERIOR OR IN NON CONDITIONED SPACES (INTERIOR) SHALL BE HOT-DIPPED GALVANIZED (MINIMUM G-90 COATING).

18. THE EXTENT OF THE WORK SHOWN ON THE PLANS AND DETAILS REFLECTS THE BEST JUDGMENT OF THE ARCHITECT/ENGINEER. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND ADVISE THE ARCHITECT IN WRITING OF ANY SITUATION THAT WOULD NOT ALLOW HIM TO PROCEED ON THE BASIS OF THESE DOCUMENTS.

19. THE ARCHITECT/ENGINEER SELECTION OF MATERIALS AND DETAILS DOES NOT RELIEVE THE CONTRACTOR FROM VERIFYING WITH THE MATERIAL SUPPLIERS THAT THE PROPOSED MATERIALS ARE CORRECT AND PROPER FOR THE INTENDED APPLICATION AND USE.

20. THE CONTRACTOR SHALL COORDINATE THE FINAL LOCATIONS OF THE POWER/DATA/COMMUNICATION OUTLETS.

21. ALL WORK SHALL CONFORM WITH MINNESOTA ACCESSIBILITY CODE AND THE IAC (SECTIONS 400.310(s) AND 400.310(u)).

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

ABBREVIATIONS AND GENERAL NOTES

SHEET NUMBER

A001

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\213882.091 Duluth New Terminal\Cad\A\Sheets\A001 Abbreviations and General Notes.dwg Plotted on: 1/28/2011 5:32 PM Plotted by: Ip, Mark

[2:41:59 PM] Mark Ip: http://www.cracked.com/article/149_5-self-destructive-ways-people-accidentally-cured-themselves/

MATERIALS LEGEND

ITEM	DESIGNATION
EARTH CRUSHED ROCK GRAVEL	
EARTH UNDISTURBED	
EARTHWORK COMPACTED FILL	
SAND	
BRICK COMMON/FACE	
CMU	
CONCRETE	
GRANITE STONE	
GROUT	
LIMESTONE	
MARBLE STONE	
STONE CAST	
TERRA COTTA GLAZED	
TERRA COTTA UNGLAZED	
ALUMINUM AND OTHER METALS	
BRONZE BRASS	
STEEL	
SHEET METAL AND ALL METALS	
PARTICLEBOARD WOODWORK ARCHITECTURAL	
PLYWOOD	
WOOD BLOCKING SHIM	
WOOD FINISH	
WOOD FRAMING CONTINUOUS	
GASKET FIREPROOFING	
INSULATION BATT.	
INSULATION RIGID BOARD	
SEALANT AND BACKER ROD	
WATERPROOFING MEMBRANE	
GLASS MIRRORS	
GLASS ELEVATION MIRRORS ELEVATION	
CARPET AND PAD	
GYPSUM BOARD FINISH	
PLASTER FINISH WITH METAL LATH	
TERRAZZO FINISH	
TILE ACOUSTICAL CEILING	
WOOD FLOORING	

SYMBOLS LEGEND

ITEM	SYMBOL
DRAWING TITLE	1 DWG_LABEL_1 X" = 1'-0
ROOM NUMBER	ROOM NAME XXX
ROOM NUMBER WITH KT/BT	ROOM NAME XXX XX XXX
MATERIAL CHANGE	XX XX FLR FLR
F F & E	XXX
ELEVATION CHANGE	
INTERIOR ELEVATION	CLG HT XX'-XX" AFF
SPOT ELEVATION	XX'-XX"
ELEVATION REFERENCE VERTICAL	FLOOR NAME EL XX'-XX"
DOOR NUMBER	XXX XX — ROOM NUMBER, DOOR IDENTIFIER
WINDOW/ GLAZING NUMBER	XXX
NOTE NUMBER	XX
WALL TYPE	XX
NORTH ARROW	N

ITEM	SYMBOL WITH SHEET DESIGNATION
PARTIAL BUILDING SECTION	1 AXXX
FULL BUILDING SECTION	1 AXXX
EXTERIOR ELEVATION	1 AXXX
INTERIOR ELEVATION	1 AXXX; 2 AXXX; 3 AXXX; 4 AXXX
DETAIL	1 AXXX

ACCESSIBILITY NOTES

A. GENERAL REQUIREMENTS

THIS PROJECT WILL COMPLY WITH 2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341.

1. THE ENTRANCE IS ACCESSIBLE PER 2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341.

2. ALL DOORS LEADING TO REQUIRED ACCESSIBLE ROOMS AND SPACES SHALL BE A MINIMUM OF 3'-0" WIDE, HAVE LEVER OPERATED HARDWARE (OR EQUAL), HAVE A MININUM OPENING FORCE OF 5 LBF, AND FULLY COMPLY WITH 2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341.

3. ALL DOORS LEADING TO HAZARDOUS ROOMS WILL COMPLY WITH THE ABOVE AND, IN ADDITION, WILL HAVE KNURLED OPERATING HARDWARE (I.E., ELECTRICAL/TELEPHONE ROOMS).

4. ALL ENVIRONMENTAL CONTROLS AND OPERATING MECHANISMS WILL COMPLY WITH 2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341 (FRONT REACH BETWEEN 15" AND 48" AFF).

5. ALL EMERGENCY WARNING ALARMS, WHERE PROVIDED, SHALL BE BOTH AUDIBLE AND VISUAL AND COMPLY WITH 2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341. THE VISUAL ALARMS WILL BE FLASHING TYPE WHERE THE FLASHING IS SYNCHRONIZED AND IN COMPLIANCE FOR INTENSITY AND FREQUENCY, ALL TENANT SPACES WILL BE WIRED FOR FUTURE INSTALLATION OF EMERGENCY WARNING ALARMS ON AN AS NEEDED BASIS (SEE SECURITY DRAWINGS).

6. ANY NEW REQUIRED SIGNAGE IN CONTRACT SHALL BE INSTALLED AS REQUIRED PER 2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341.

7. TOILET ROOMS SERVING PUBLIC AREAS (I.E., LOBBIES, CONCOURSE, ETC.) WILL FULLY COMPLY WITH2007 MINNESOTA ACCESSIBILITY CODE, CHAPTER 1341.

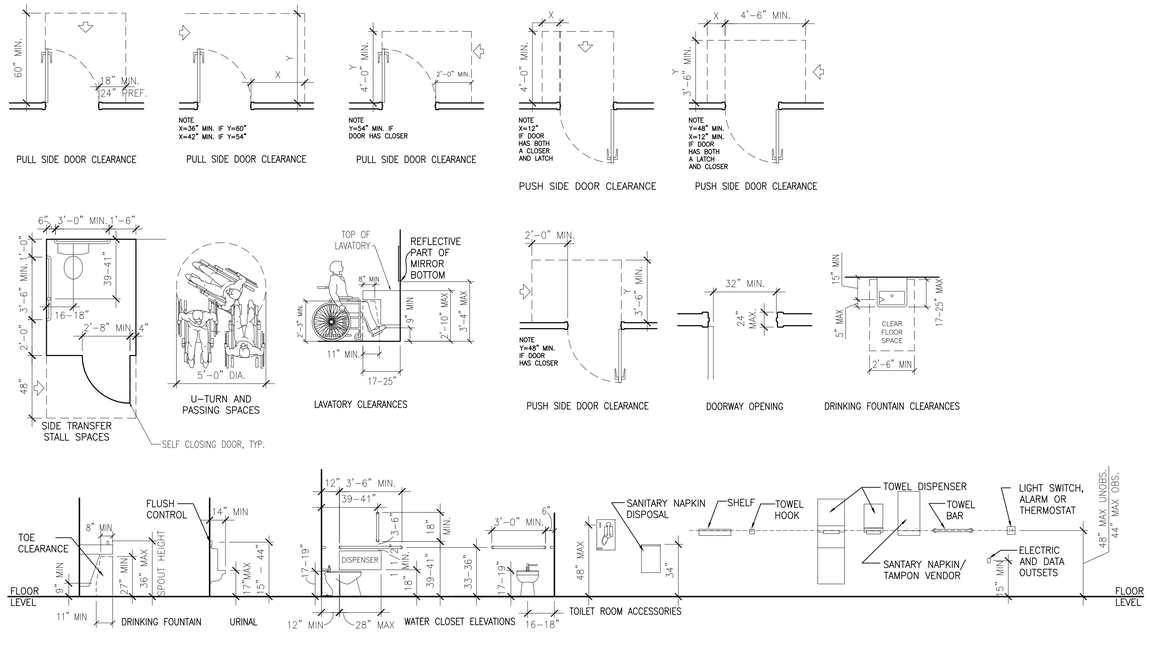
8. SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH 2007 MINNESOTA ACCESSIBILITY CODE, MSBC SECTION 1110, AND SHALL COMPLY WITH SECTION 1341.0703

9. ELEVATORS SHALL COMPLY WITH MINNESOTA STATE ACCESSIBILITY CODE 1341, SECTION 407 AND MINNESOTA RULES, CHAPTER 1307, MINNESOTA ELEVATOR AND RELATED DEVICES CODE.

10. PROVIE BLOCKING FOR GRAB BAR ATTACHMENT WHERE REQUIRED.

11. COMPLY WITH 1341.0606.7 FOR ALL RECESSED OPERABLE PARTS ON HAND DRYERS AND TOWEL DISPENSERS. VERIFY REACH RANGE OF ALL OBSTRUCTED ACCESSORIES PER 1341.0308 AND 1341.0309.

ACCESSIBILITY CLEARANCES



RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

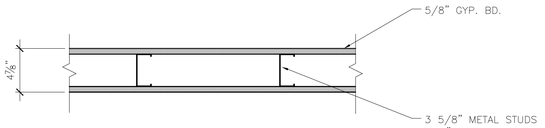
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
SYMBOLS AND ACCESSIBILITY CLEARANCES

SHEET NUMBER
A002

BID PACKAGE 2A ISSUED FOR BID

PARTITION TYPES



1 TYPICAL AT INTERIOR PARTITIONS TO 6" ABOVE HIGHEST CEILING OR UNDERSIDE OF DECK WHERE OPEN TO STRUCTURE.

1A SIMILAR WITH GYP. BD. 1 SIDE ONLY

1B SIMILAR WITH 6" METAL FRAMING

1C SIMILAR WITH 6" METAL FRAMING AND GYP. BD. 1 SIDE ONLY

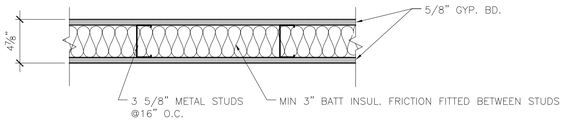
1D SIMILAR WITH 8" METAL FRAMING

1E SIMILAR WITH 8" METAL FRAMING AND GYP. BD. 1 SIDE ONLY

1F SIMILAR WITH 8" METAL FRAMING AND GYP. BD. AND SOUND ATTENUATING BATT. INSUL.

1G SIMILAR WITH DOUBLE LAYER GYP BD. ONE SIDE.

1

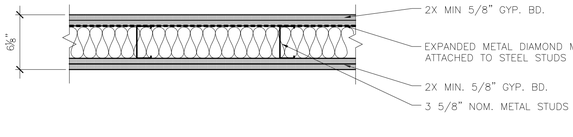


2 TYPICAL AT 1 HR FIRE RATED PARTITIONS TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U404

2A SIMILAR WITH 8" FRAMING

2B TYPICAL AT TENANT PARITITIONS. SIMILAR TO UNDERSIDE OF CEILING ONLY.

2



3 TYPICAL AT CBP SECURE ROOMS TO 6" ABOVE CEILING UNLESS OTHERWISE NOTED. STC RATING 50-55

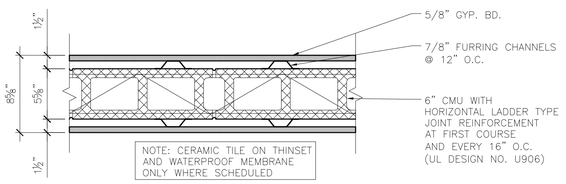
3A SIMILAR WITH METAL BOTH SIDES

3B SIMILAR WITHOUT DIAMOND MESH

3C SIMILAR WITHOUT DIAMOND MESH AND WITH GYP. BD. ONE SIDE ONLY

NOTE: EXPANDED METAL MUST BE INSPECTED BY CPB PRIOR TO COVERING

3



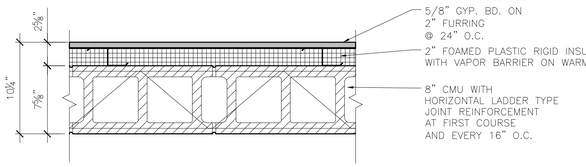
4 TYPICAL AT TOILET ROOMS TO 6" ABOVE CEILING UNLESS OTHERWISE NOTED.

4A SIMILAR WITH FURRING AND GYP. BD. ON ONE SIDE ONLY

4B SIMILAR WITH 8" CMU TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U907 MIN 1HR

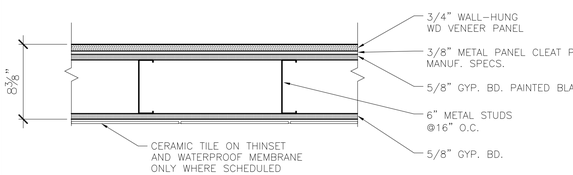
4C SIMILAR WITH 8" CMU AND FURRING AND GYP. BD. ON ONE SIDE ONLY TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U907 MIN 1HR

4



5 TYPICAL AT TUG TUNNEL WALL TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U912 MIN 1HR

5



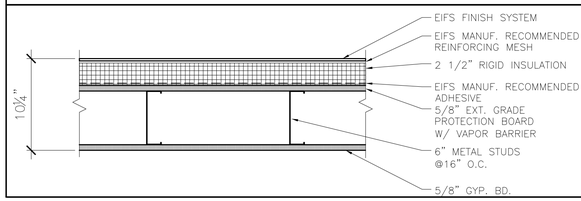
6 TYPICAL AT CORE WALL

6A SIMILAR WITH GYP. BD. ON PANEL SIDE ONLY

6B SIMILAR WITH 8" COLD FORMED METAL FRAMING INSTEAD OF 6"

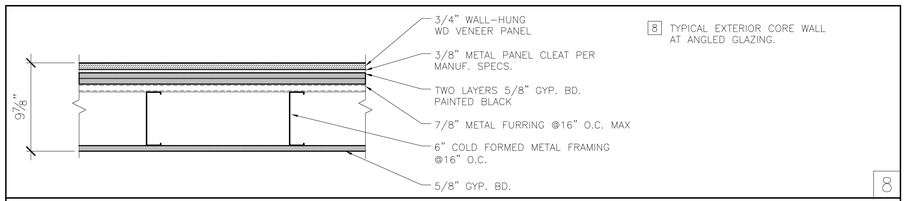
6C SIMILAR WITH 4" METAL FRAMING INSTEAD OF 6"

6



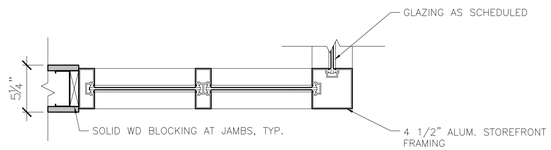
7 BUILDING ENCLOSURE AT CHILLER WELL

7



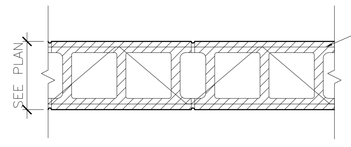
8 TYPICAL EXTERIOR CORE WALL AT ANGLED GLAZING.

8



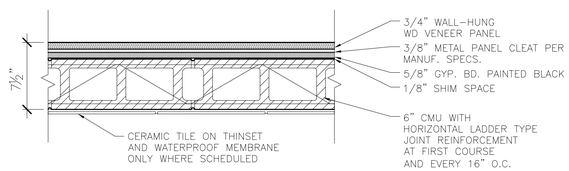
9 TYPICAL AT INTERIOR GLASS PARTITIONS

9



10 CMU PARTITIONS, SEE PLANS FOR WIDTH.
UL DESIGN NO. U905 MIN 1HR AT 8" CMU ONLY TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-1037 MIN 1HR.

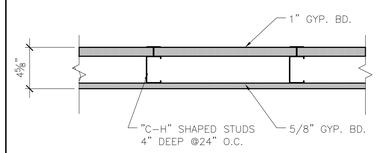
10



11 CMU BATHROOM PARTITION AT CORE WALL

11A SIMILAR WITH GYP. BD. ON 1 1/2" FURRING CHANNEL

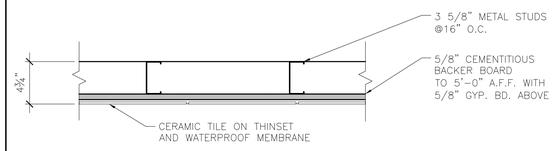
11



12 TYPICAL AT 1 HR FIRE RATED SHAFT WALLS PARTITIONS TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U415

12A SIMILAR WITH 6" "C-H" SHAPED STUD

12



13 TYPICAL AT INTERIOR PARTITIONS BEHIND TOILETS, LAVATORIES AND SHOWERS, TO 6" ABOVE HIGHEST CEILING UNLESS OTHERWISE NOTED.

13

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
5	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

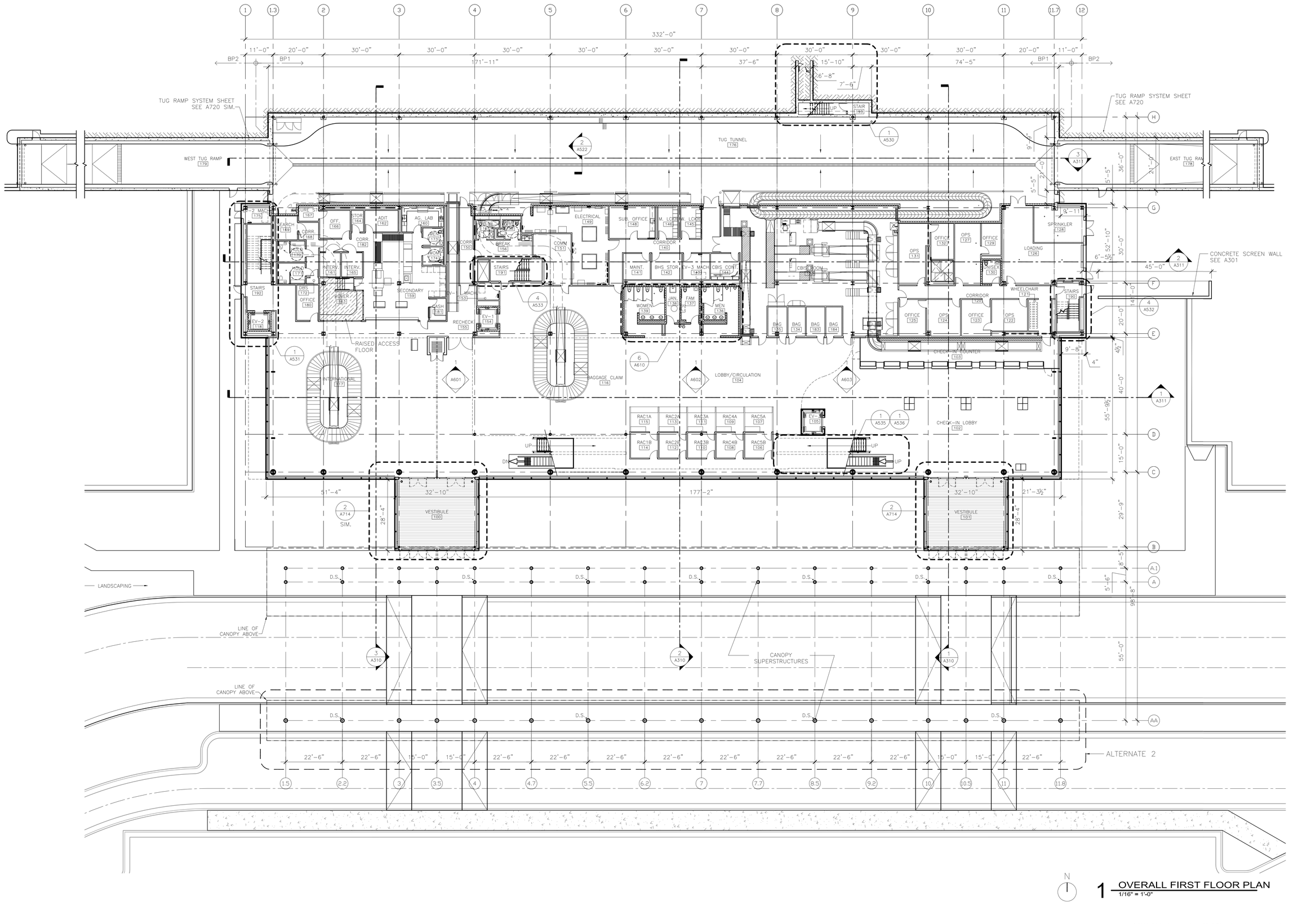
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
PARTITION TYPES

SHEET NUMBER
A003

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A003 Partition Types.dwg Plotted on: 1/28/2011 5:32 PM Plotted by: lp, Mark



N

1 OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

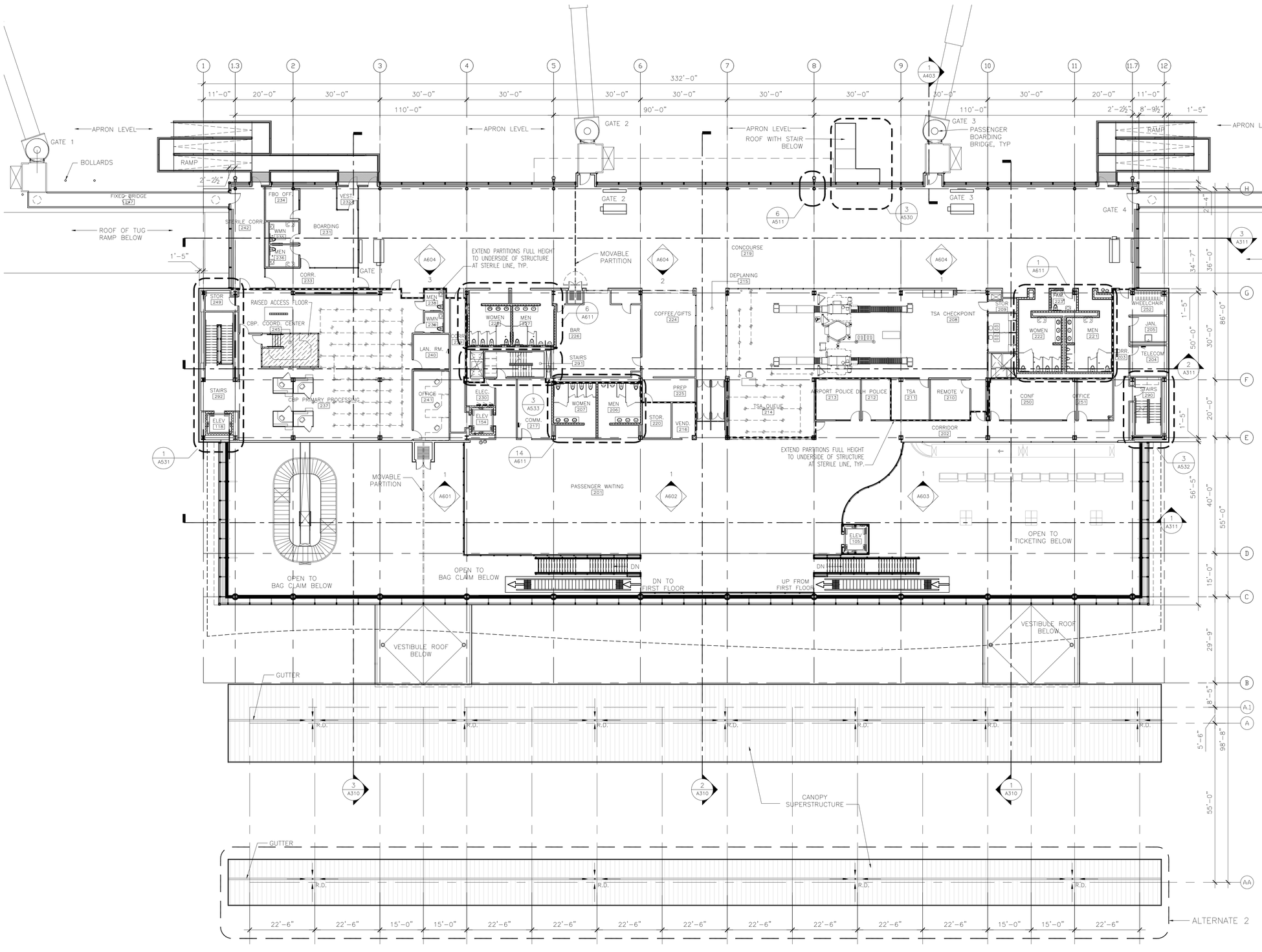
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL FIRST FLOOR PLAN

SHEET NUMBER
A101

BID PACKAGE 2A ISSUED FOR BID



N

1 SECOND LEVEL FLOOR PLAN
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

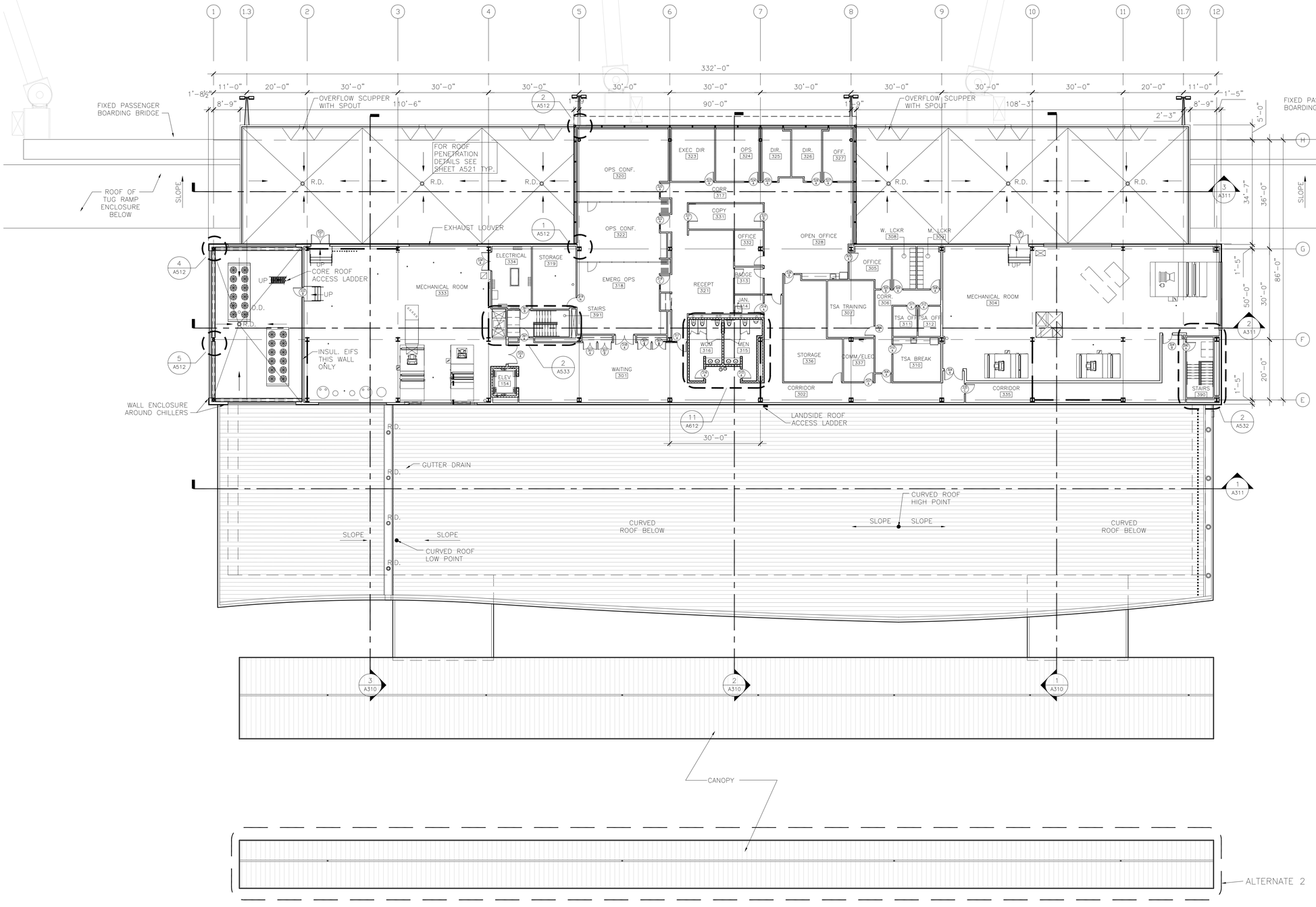
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL SECOND FLOOR PLAN

SHEET NUMBER
A102

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A102 Overall Second Floor Plan.dwg Plotted on: 1/28/2011 5:33 PM Plotted by: lp, Mark



N

1 THIRD LEVEL FLOOR PLAN
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

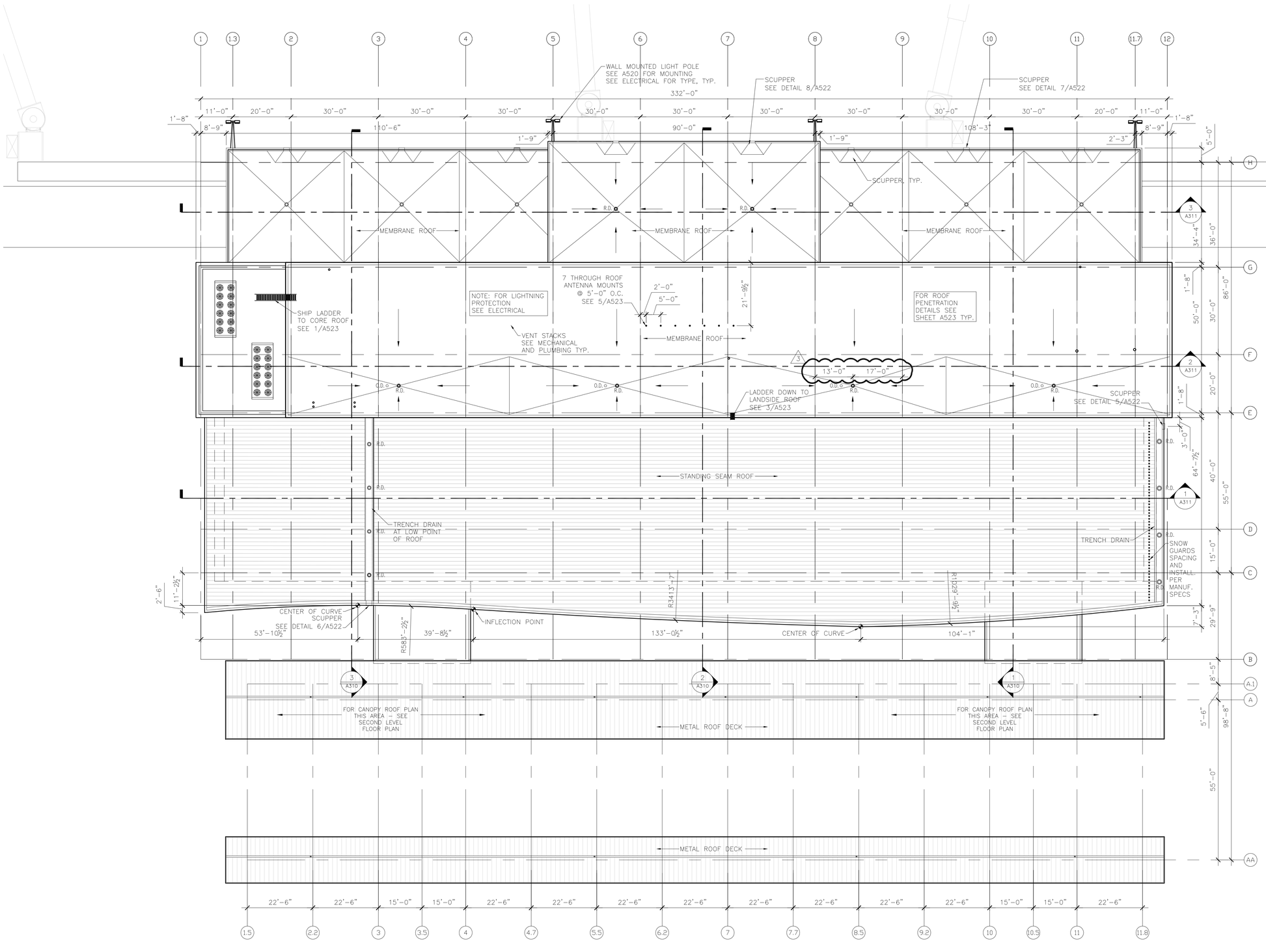
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL THIRD FLOOR PLAN

SHEET NUMBER
A103

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A103 Overall Third Floor Plan.dwg Plotted on: 1/28/2011 5:34 PM Plotted by: lp, Mark



N

1 ROOF PLAN
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
3	RSH CLARIFICATION NO 18	1.17.11
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

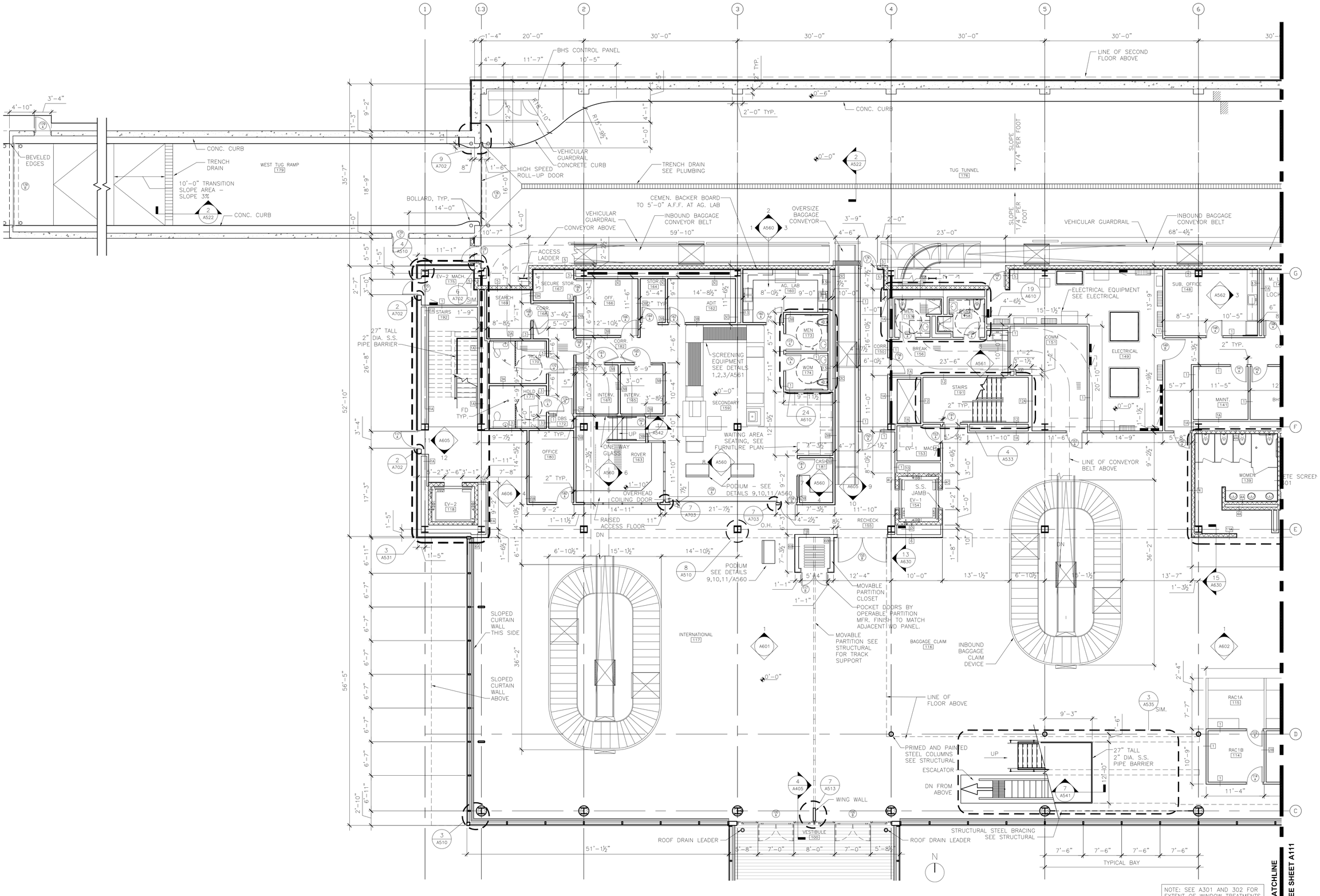
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL ROOF PLAN

SHEET NUMBER
A104

BID PACKAGE 2A ISSUED FOR BID

Drawing: I:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A104 Overall Roof Plan.dwg Plotted on: 1/28/2011 5:34 PM Plotted by: Ip, Mark



1 ENLARGED FIRST LEVEL FLOOR PLAN - AREA A
1/8" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

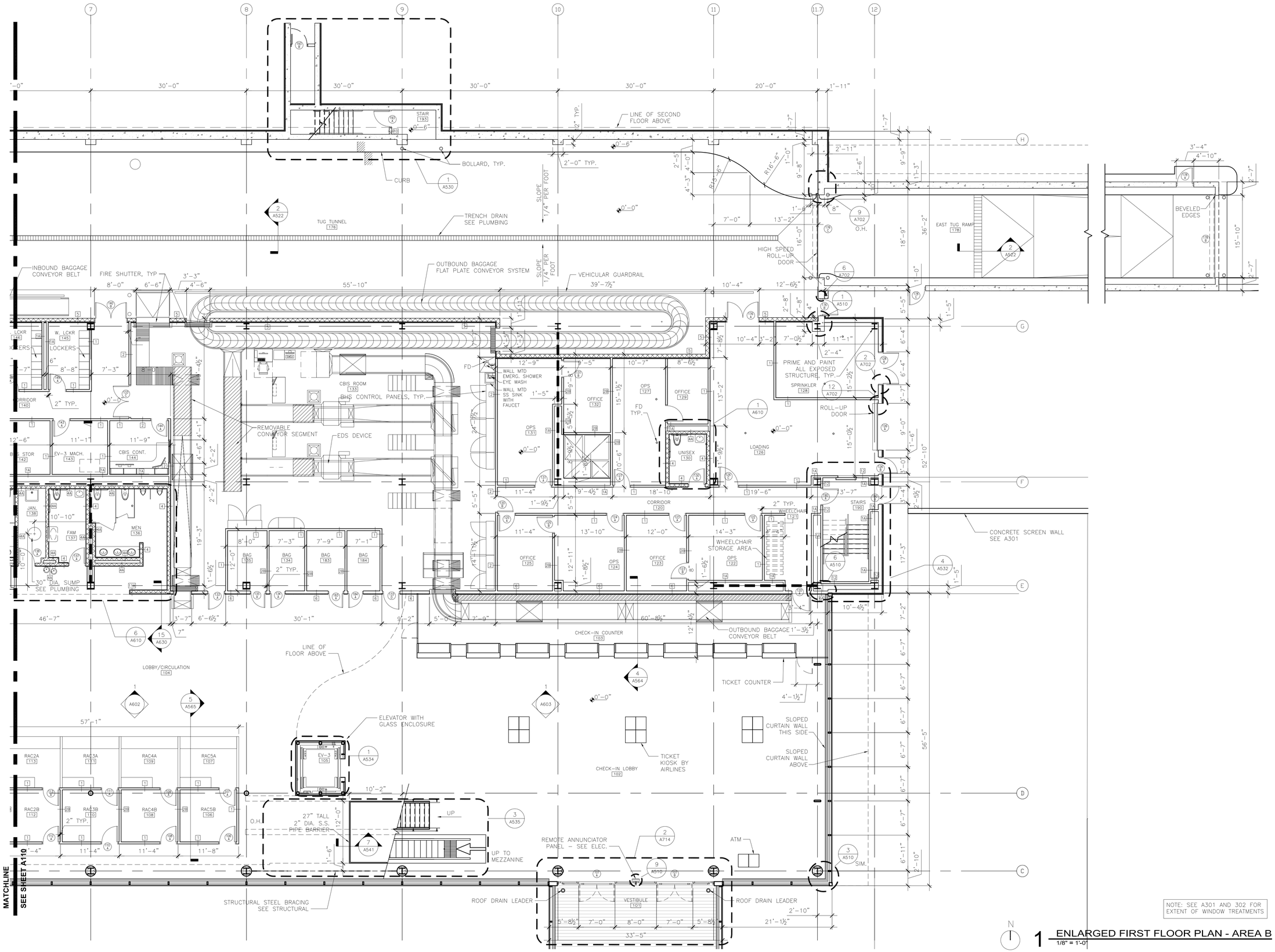
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ENLARGED FIRST FLOOR PLAN AREA A

SHEET NUMBER
A110

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A110 First Floor Area A.dwg Plotted on: 1/28/2011 5:35 PM Plotted by: Ip, Mark



NOTE: SEE A301 AND 302 FOR EXTENT OF WINDOW TREATMENTS

N

1 ENLARGED FIRST FLOOR PLAN - AREA B
1/8" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

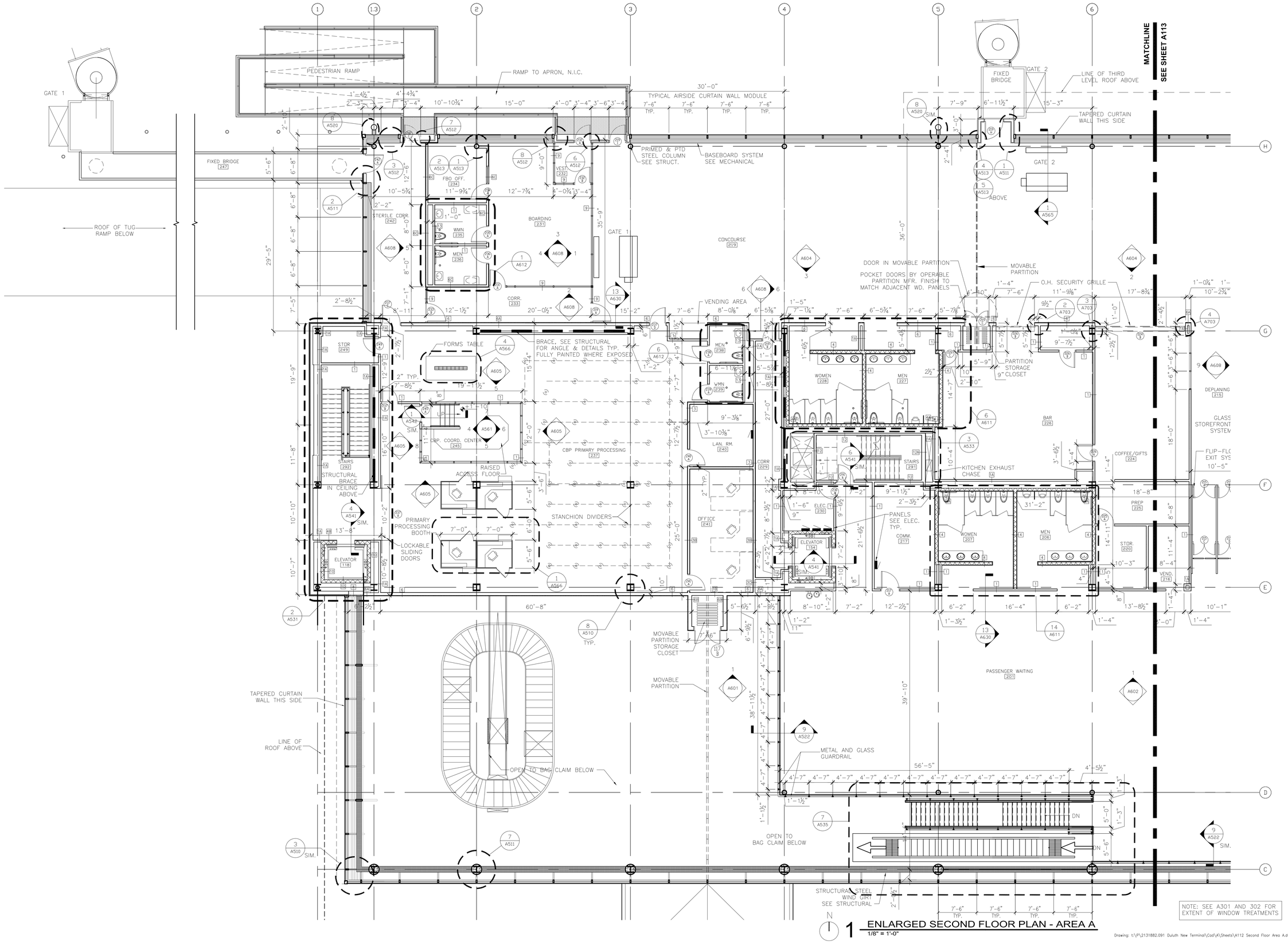
SHEET TITLE

ENLARGED FIRST FLOOR PLAN AREA B

SHEET NUMBER

A111

BID PACKAGE 2A ISSUED FOR BID



RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
5	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY:
DRAWN BY: SBS/TC
DESIGNED BY: MKG/MI
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

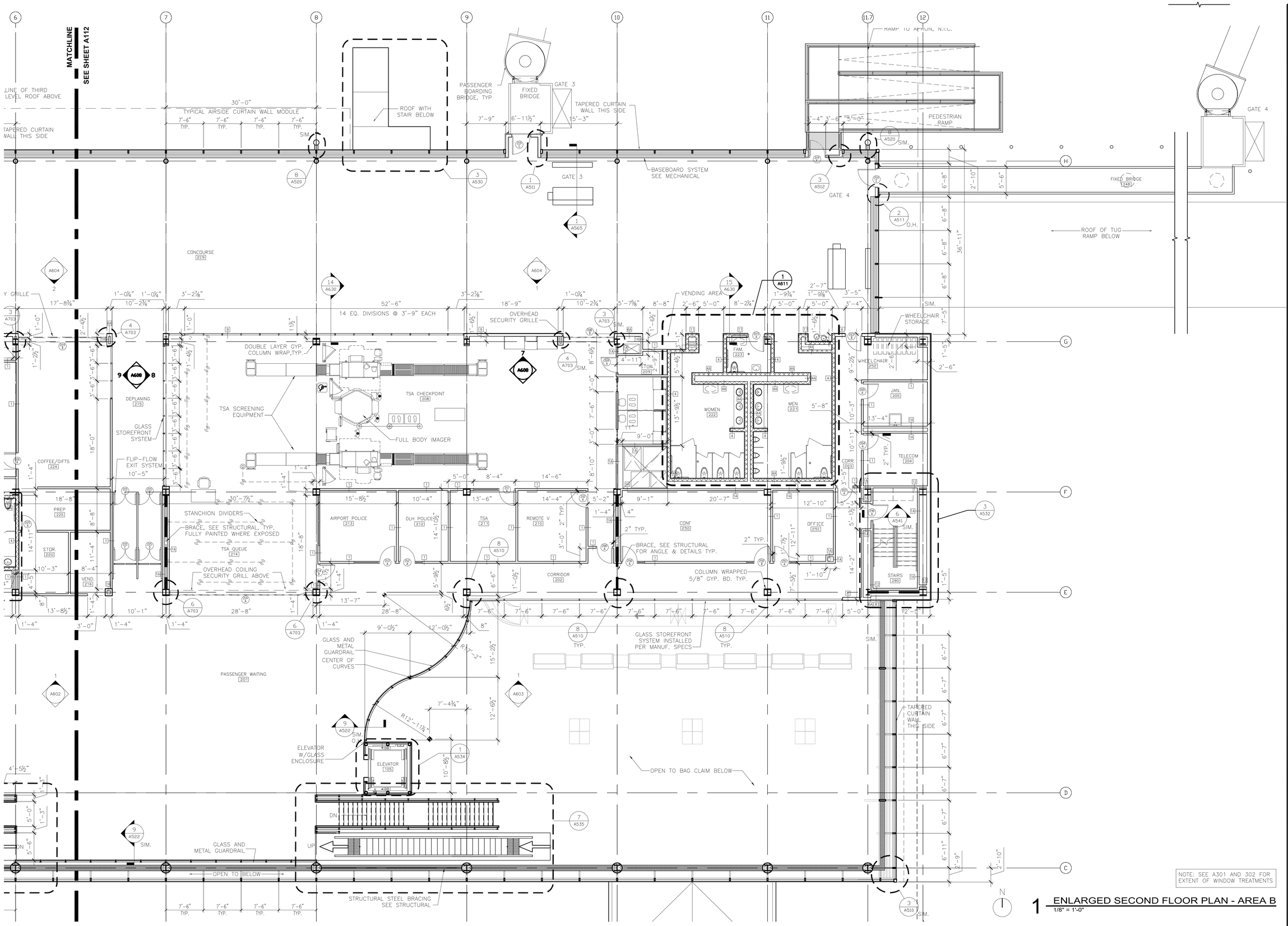
ENLARGED SECOND FLOOR PLAN AREA A

SHEET NUMBER

A112

BID PACKAGE 2A
ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A112 Second Floor Area A.dwg Plotted on: 1/28/2011 5:36 PM Plotted by: lp, Mark



NOTE: SEE A301 AND 302 FOR EXTENT OF WINDOW TREATMENTS

1 ENLARGED SECOND FLOOR PLAN - AREA B
1/8" = 1'-0"

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A113 Second Floor Area B.dwg Plotted on: 1/28/2011 5:36 PM Plotted by: lp, Mark

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
5	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

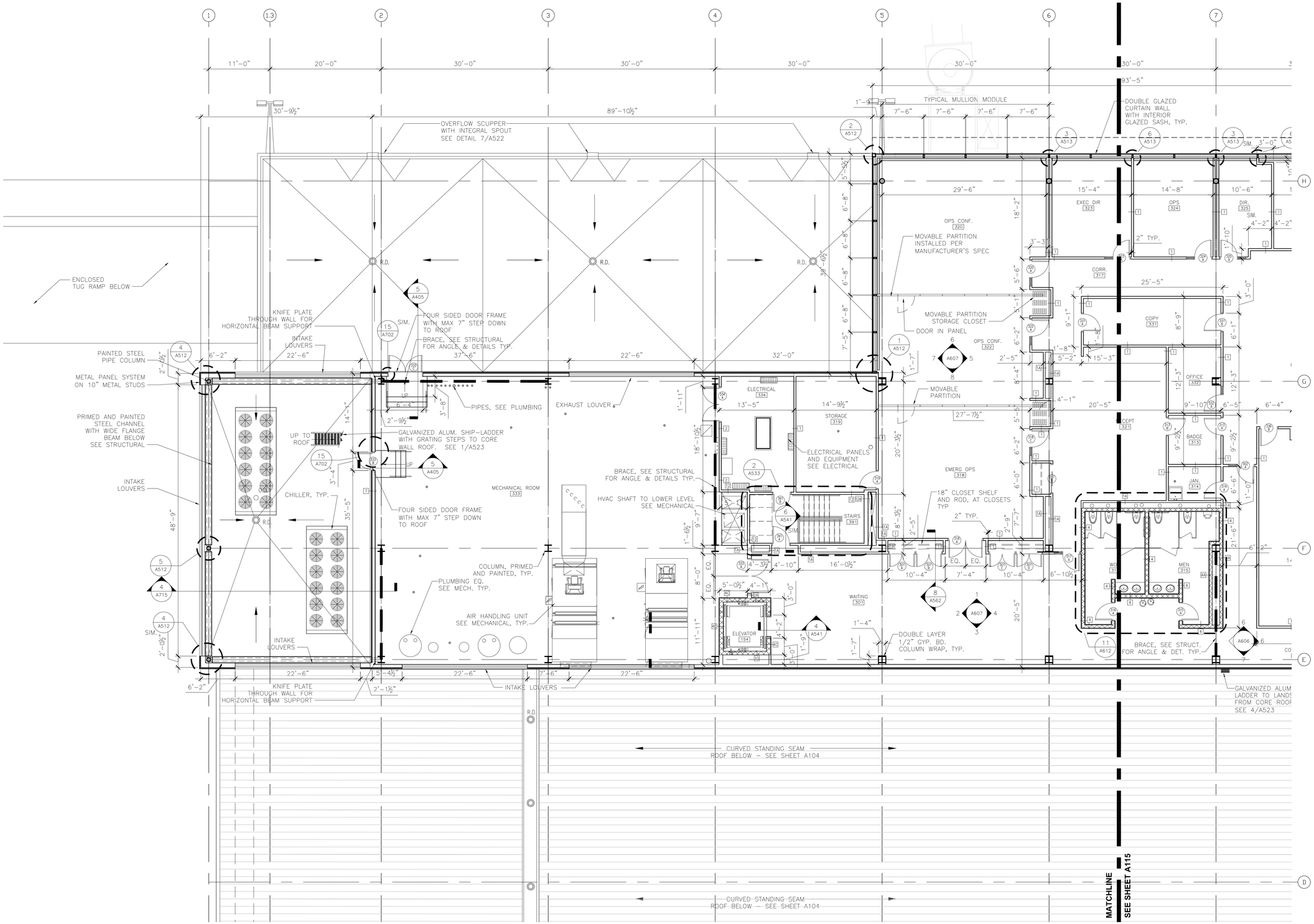
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ENLARGED SECOND FLOOR PLAN AREA B

SHEET NUMBER
A113

BID PACKAGE 2A ISSUED FOR BID



N

1 ENLARGED THIRD LEVEL FLOOR PLAN - AREA A
1/8" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
5	CLARIFICATION-011	11.16.10
6	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

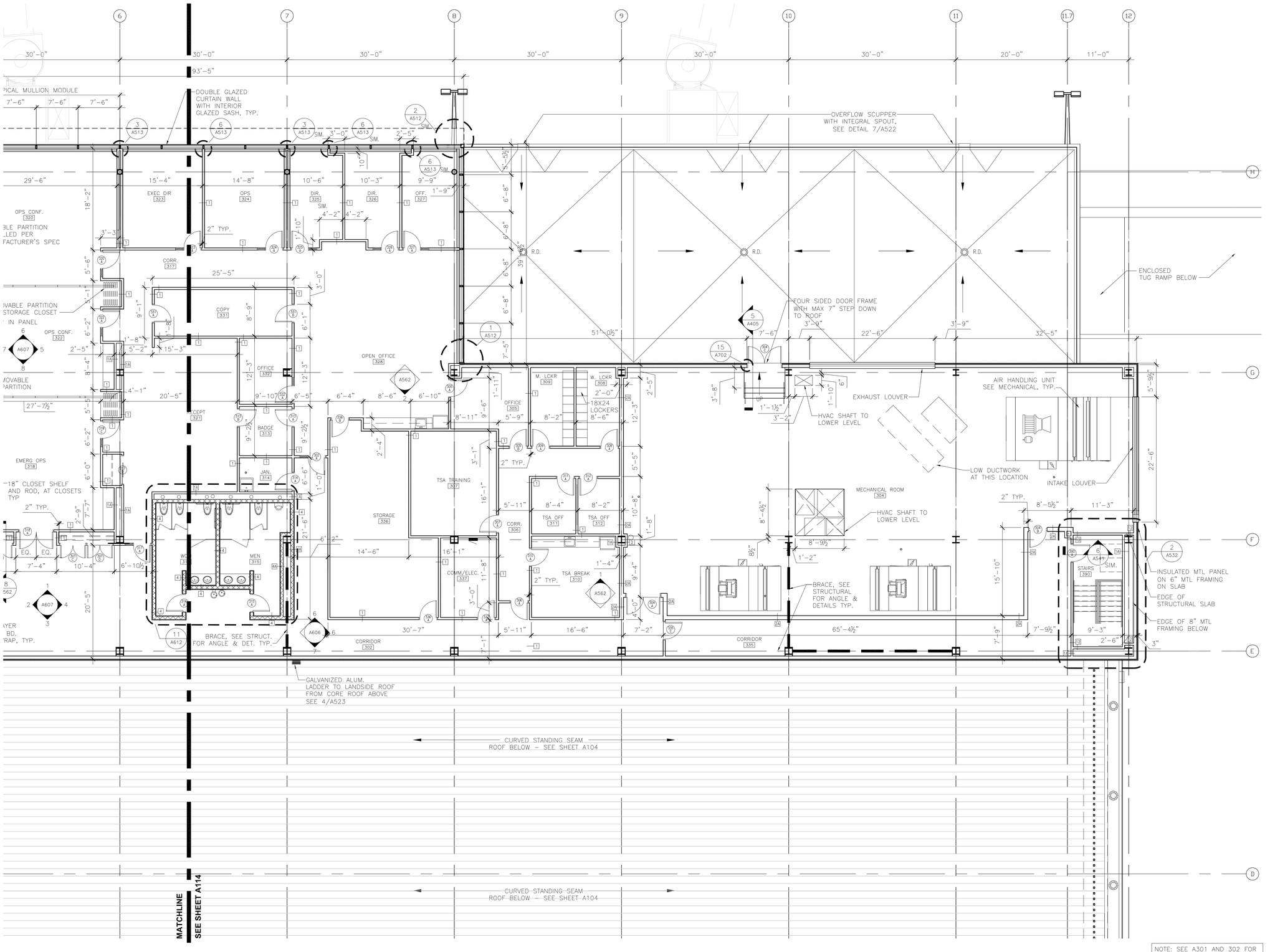
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ENLARGED THIRD FLOOR PLAN AREA A

SHEET NUMBER
A114

BID PACKAGE 2A
ISSUED FOR BID



1 ENLARGED THIRD FLOOR PLAN - AREA B
1/8" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
5	CLARIFICATION-010	11.16.10
6	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

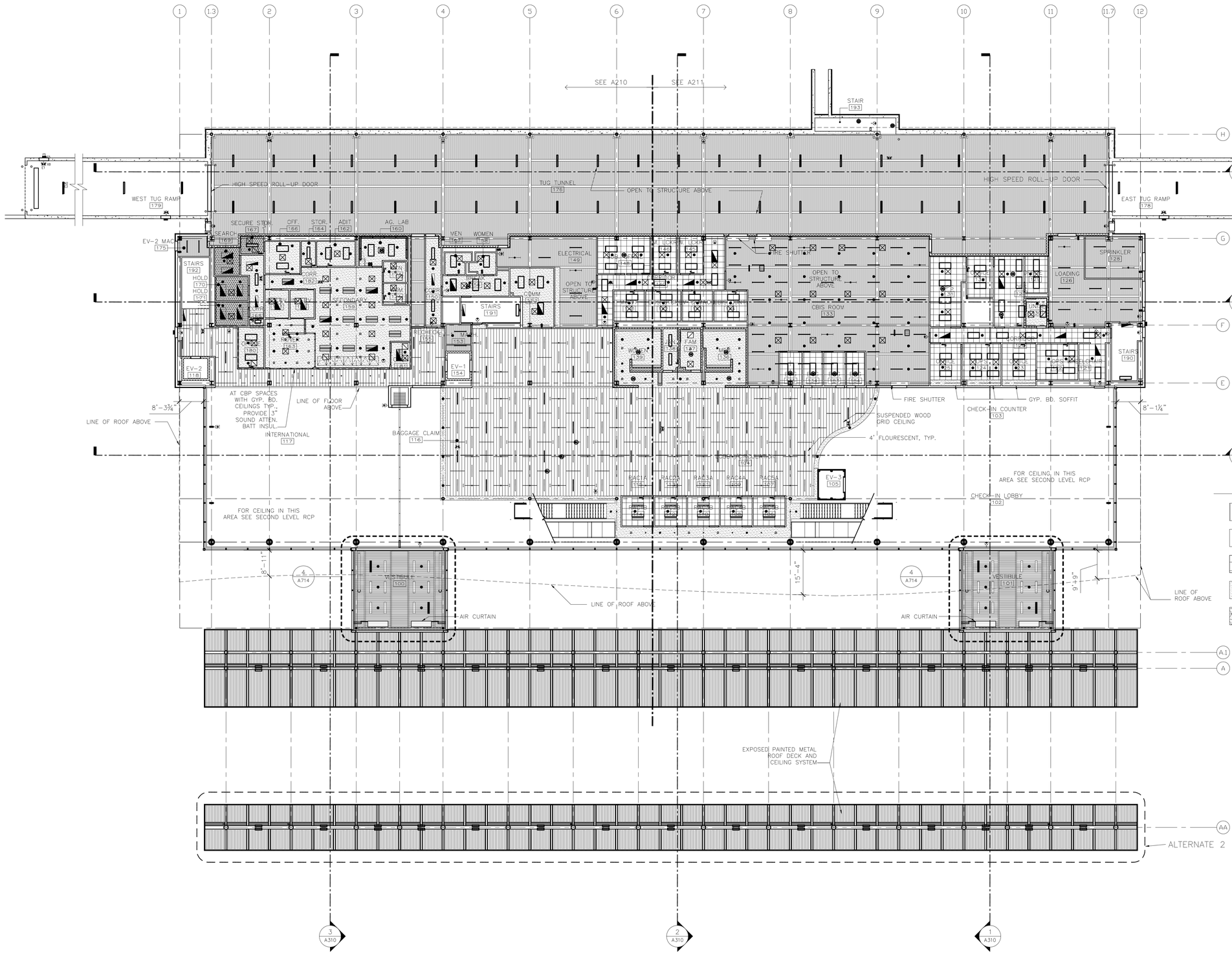
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ENLARGED THIRD FLOOR PLAN AREA B

SHEET NUMBER
A115

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A115 Third Floor Area B.dwg Plotted on: 1/28/2011 5:37 PM Plotted by: Ip, Mark



CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

1 OVERALL FIRST FLOOR REFLECTED CEILING PLAN
1/16" =1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

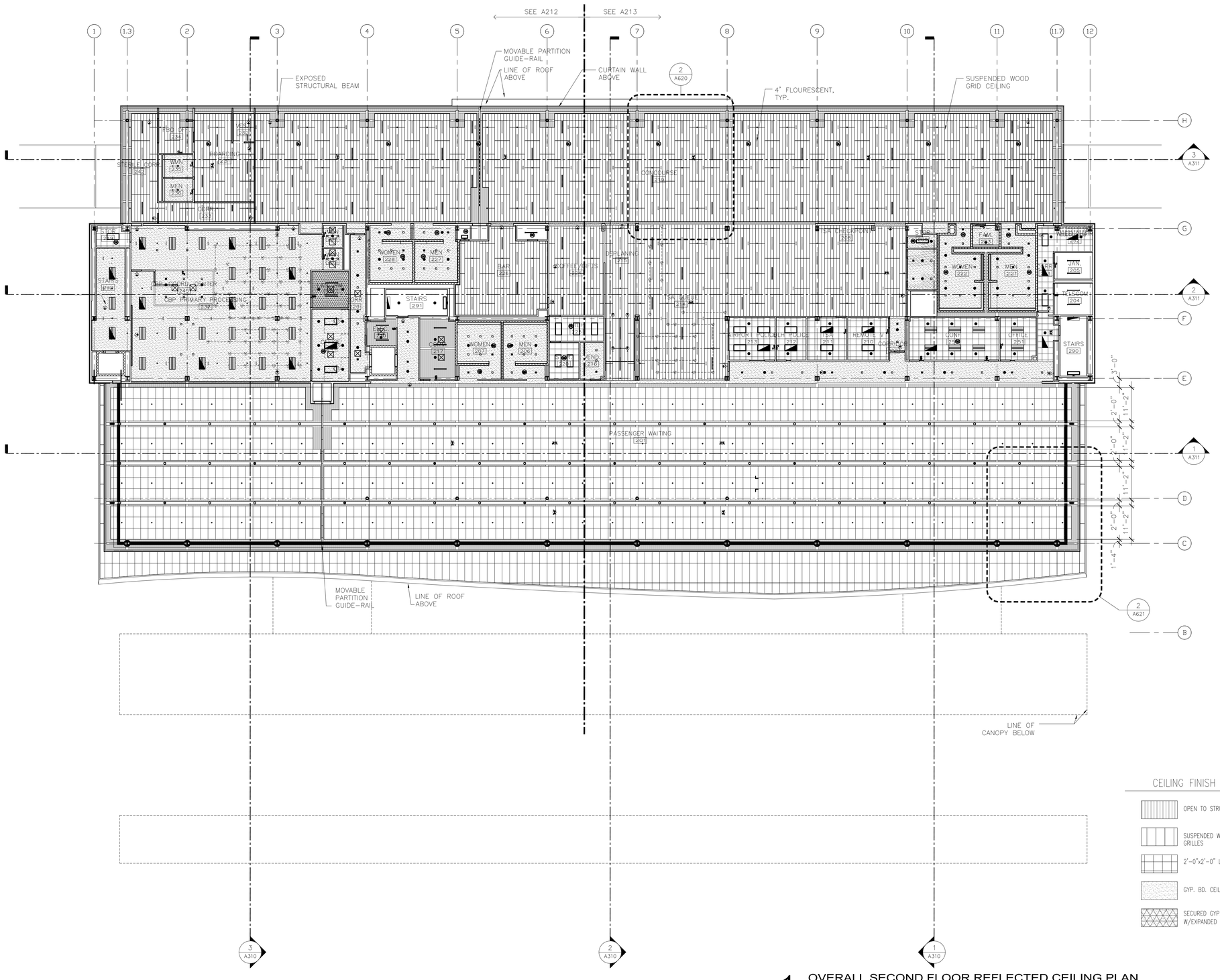
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL FIRST FLOOR RCP

SHEET NUMBER
A201

BID PACKAGE 2A ISSUED FOR BID



CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'–0"x2'–0" LAY–IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

1 OVERALL SECOND FLOOR REFLECTED CEILING PLAN
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

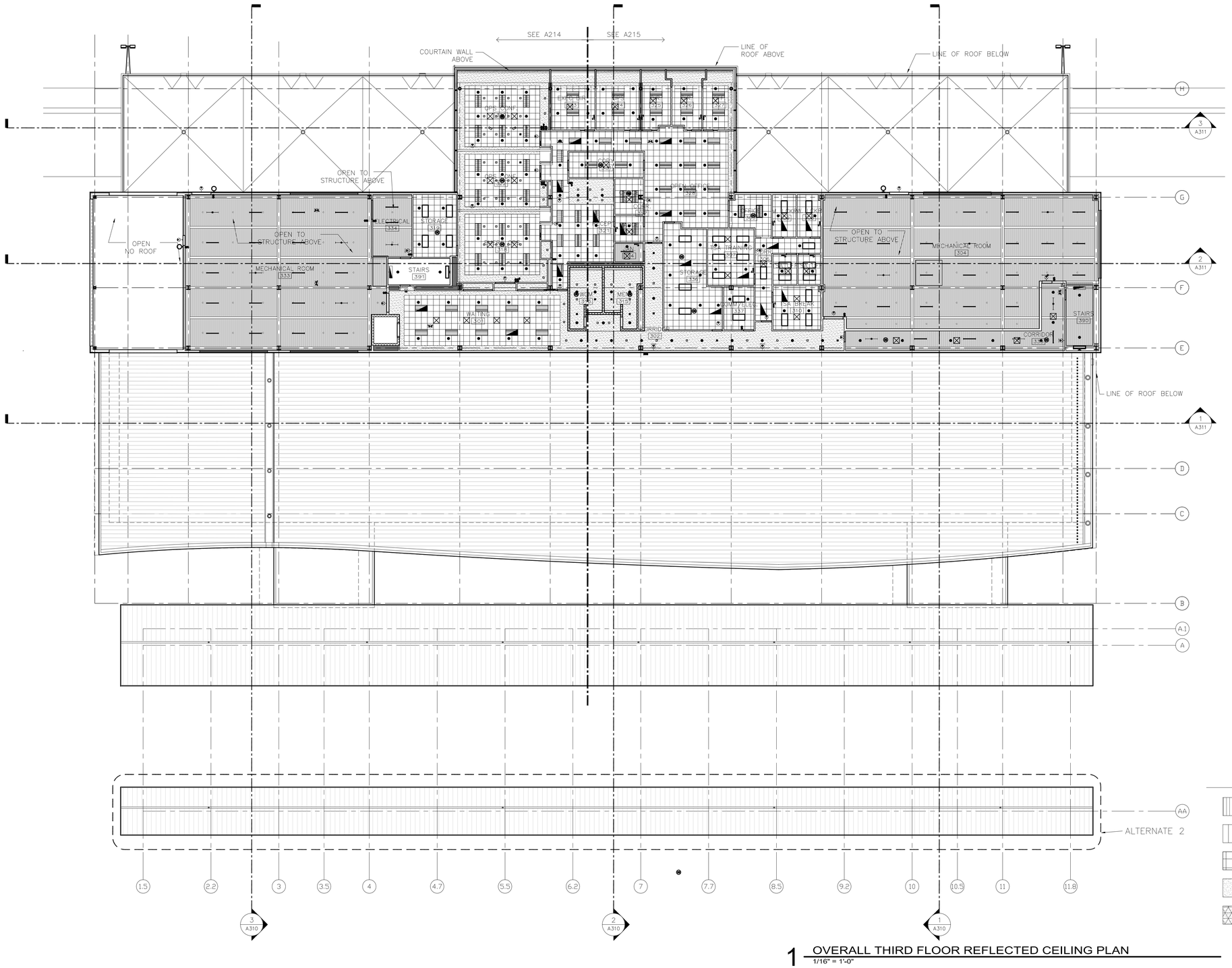
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL SECOND FLOOR RCP

SHEET NUMBER
A202

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A202 Overall Second Floor RCP.dwg Plotted on: 1/28/2011 5:38 PM Plotted by: lp, Mark



1 OVERALL THIRD FLOOR REFLECTED CEILING PLAN
1/16" = 1'-0"

CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

A&P PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
OVERALL THIRD FLOOR RCP

SHEET NUMBER
A203

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A203 Overall Third Floor RCP.dwg Plotted on: 1/28/2011 5:39 PM Plotted by: lp, Mark



1 ENLARGED FIRST FLOOR REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A210 Enlarged First Floor RCP Area A.dwg Plotted on: 1/28/2011 5:39 PM Plotted by: lp, Mark

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

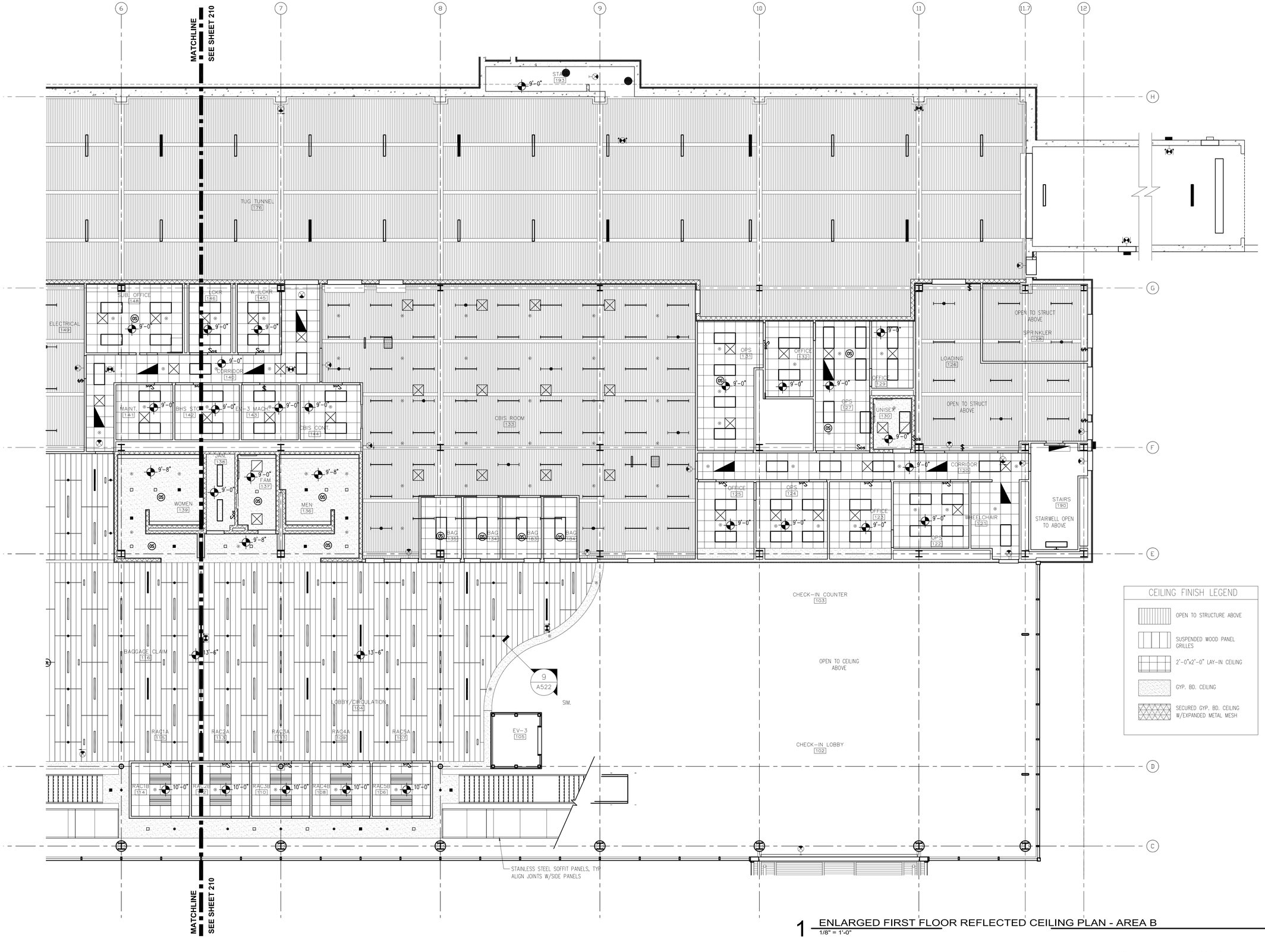
SHEET TITLE

ENLARGED FIRST FLOOR REFLECTED CEILING PLAN AREA A

SHEET NUMBER

A210

BID PACKAGE 2A ISSUED FOR BID



1 ENLARGED FIRST FLOOR REFLECTED CEILING PLAN - AREA B
1/8" = 1'-0"

CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

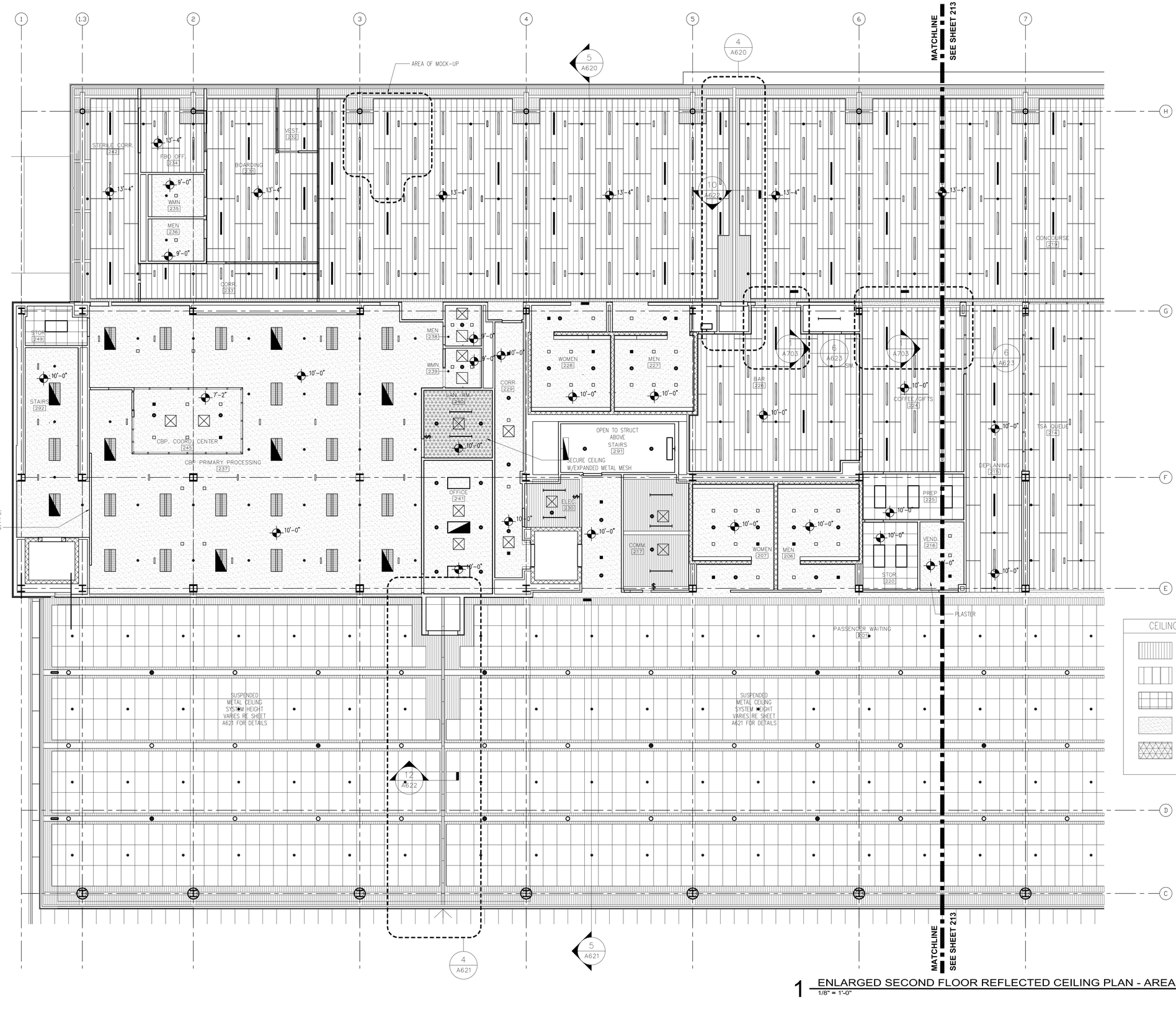
ENLARGED FIRST FLOOR REFLECTED CEILING PLAN AREA B

SHEET NUMBER

A211

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A211 Enlarged First Floor RCP Area B.dwg Plotted on: 1/28/2011 5:40 PM Plotted by: lp, Mark



CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

1 ENLARGED SECOND FLOOR REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

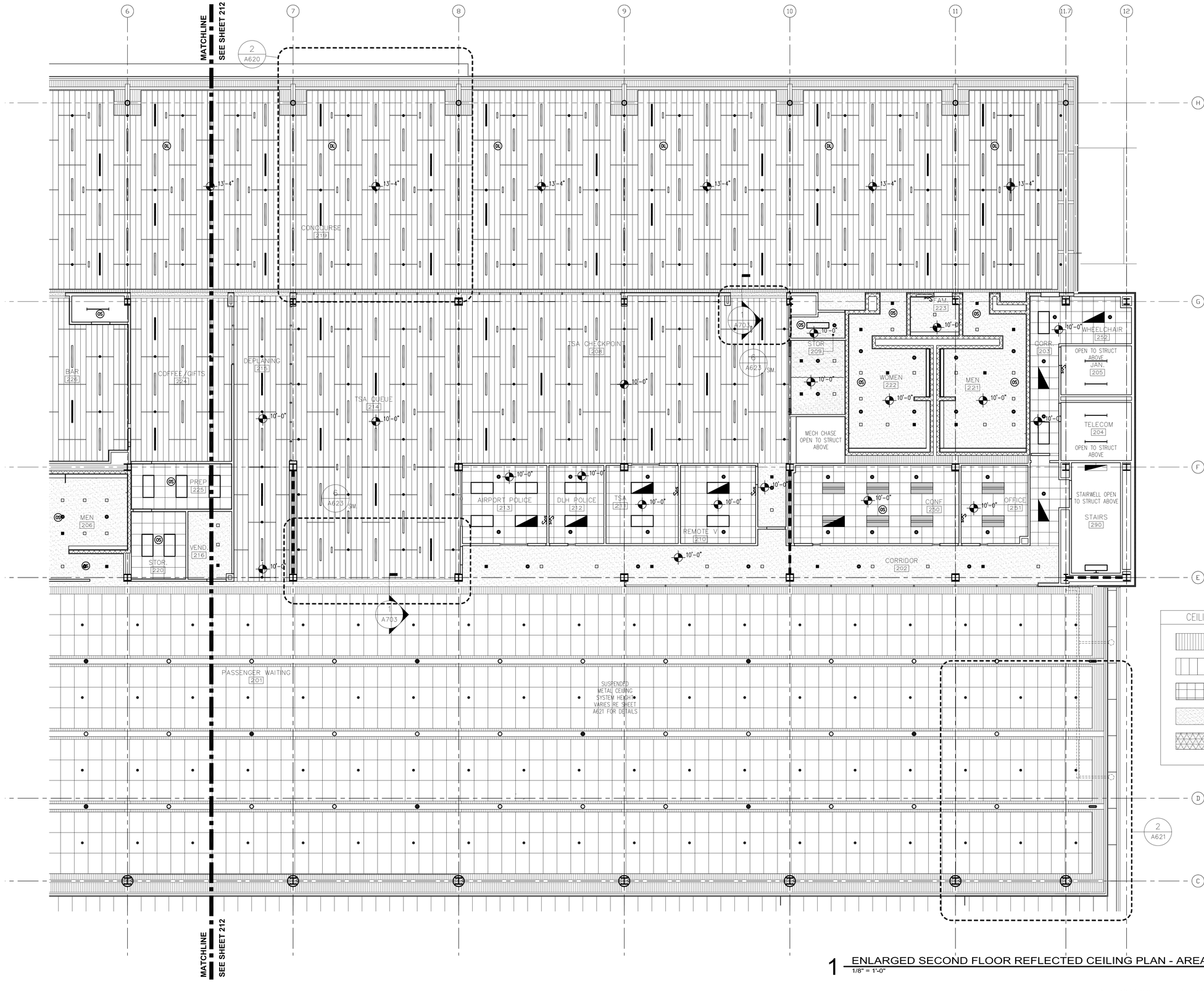
SHEET TITLE

ENLARGED SECOND FLOOR REFLECTED CEILING PLAN AREA A

SHEET NUMBER

A212

BID PACKAGE 2A ISSUED FOR BID



1 ENLARGED SECOND FLOOR REFLECTED CEILING PLAN - AREA B
1/8" = 1'-0"

CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (216) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

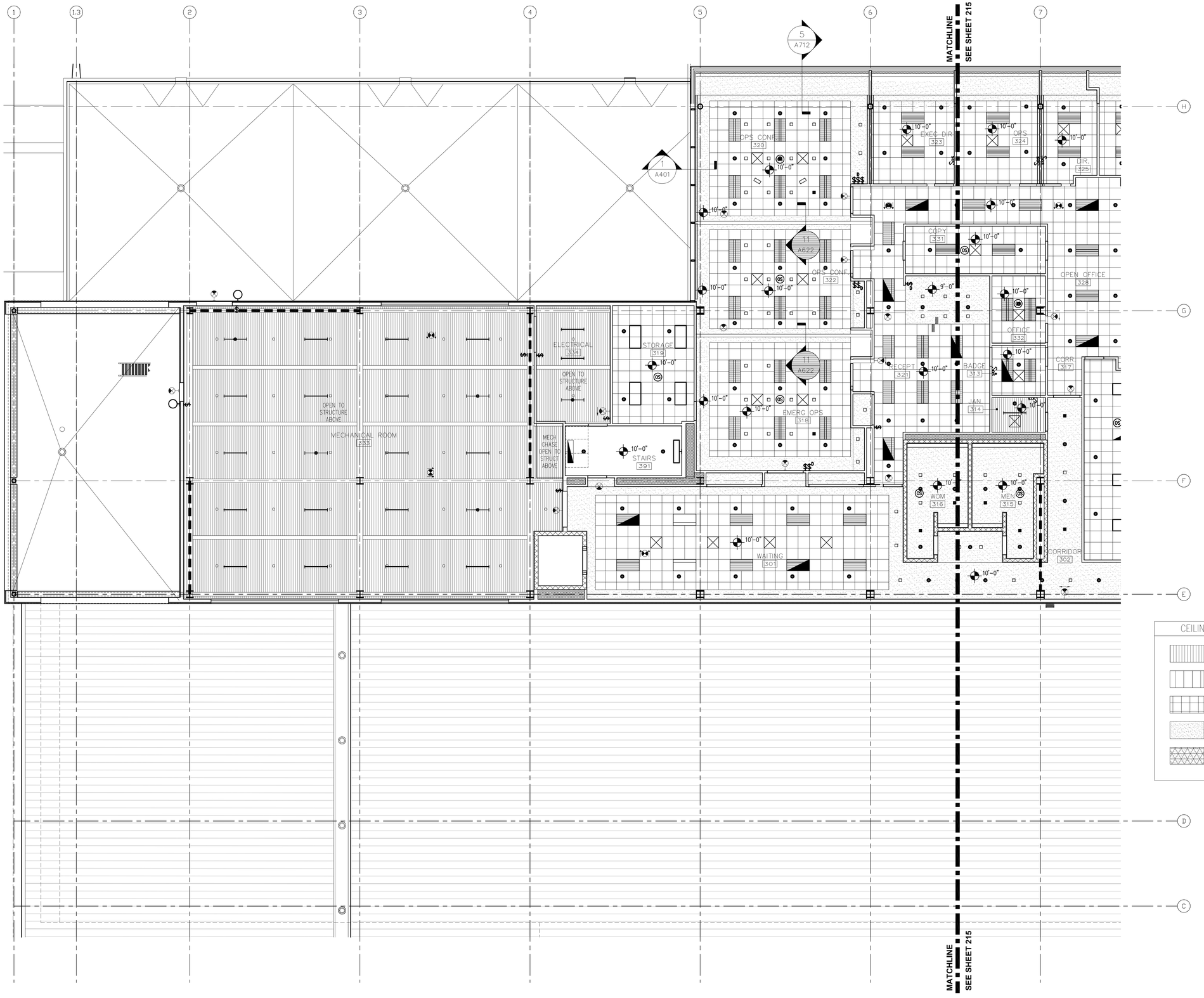
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ENLARGED SECOND FLOOR REFLECTED CEILING PLAN AREA B

SHEET NUMBER
A213

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A213 Enlarged Second Floor RCP Area B.dwg Plotted on: 1/28/2011 5:41 PM Plotted by: ip, Mark



CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

1 ENLARGED THIRD FLOOR REFLECTED CEILING PLAN - AREA A
1/8" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

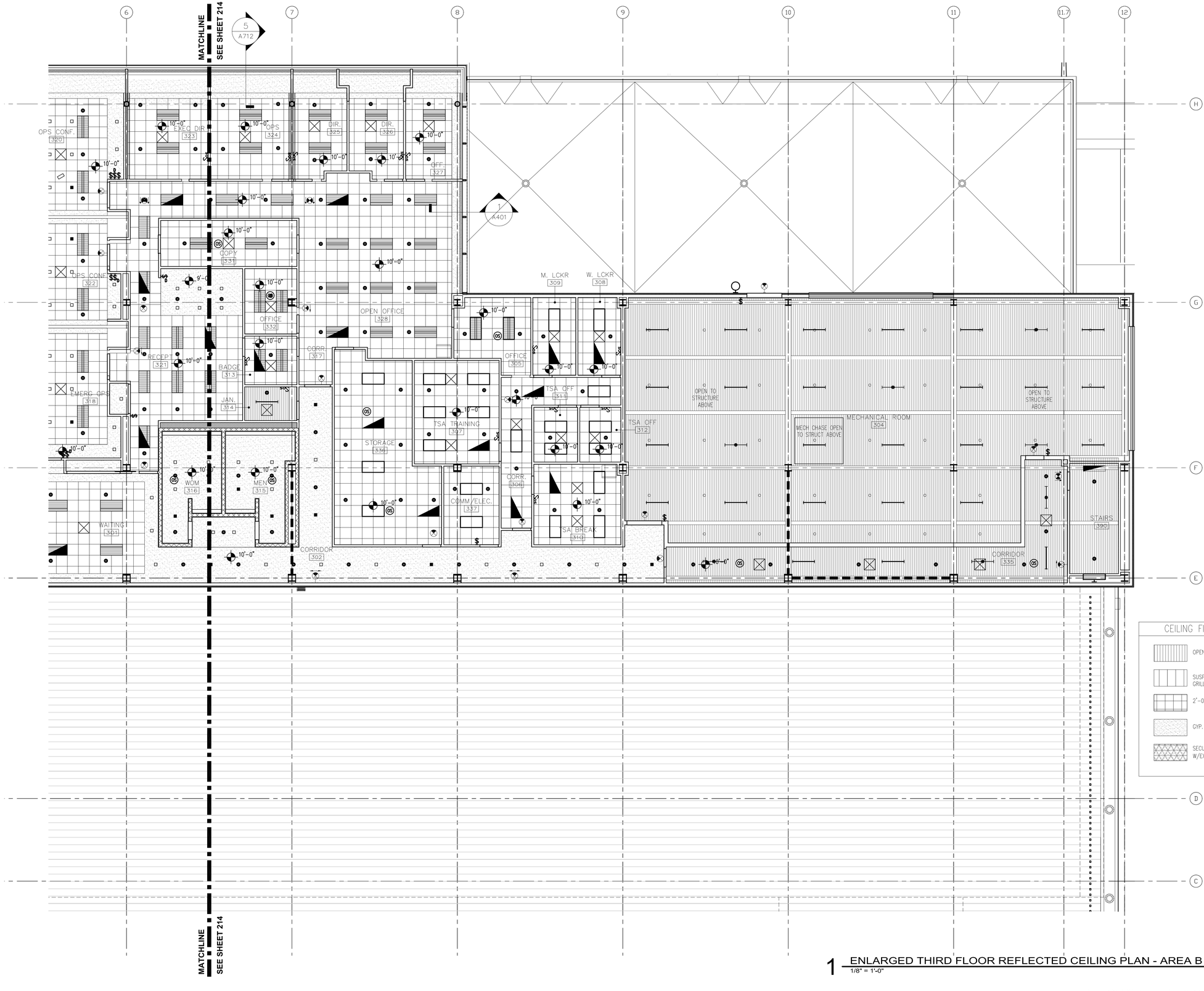
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ENLARGED THIRD FLOOR REFLECTED CEILING PLAN AREA A

SHEET NUMBER
A214

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A214 Enlarged Third Floor RCP Area A.dwg Plotted on: 1/28/2011 5:42 PM Plotted by: Ip, Mark



1 ENLARGED THIRD FLOOR REFLECTED CEILING PLAN - AREA B
1/8" = 1'-0"

CEILING FINISH LEGEND

- OPEN TO STRUCTURE ABOVE
- SUSPENDED WOOD PANEL GRILLES
- 2'-0"x2'-0" LAY-IN CEILING
- GYP. BD. CEILING
- SECURED GYP. BD. CEILING W/EXPANDED METAL MESH

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC
AIP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

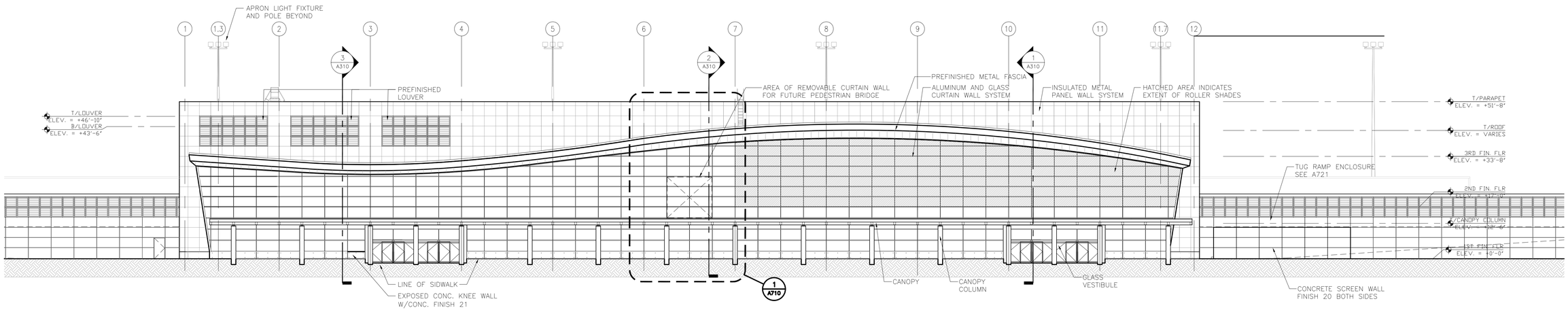
ENLARGED THIRD FLOOR REFLECTED CEILING PLAN AREA B

SHEET NUMBER

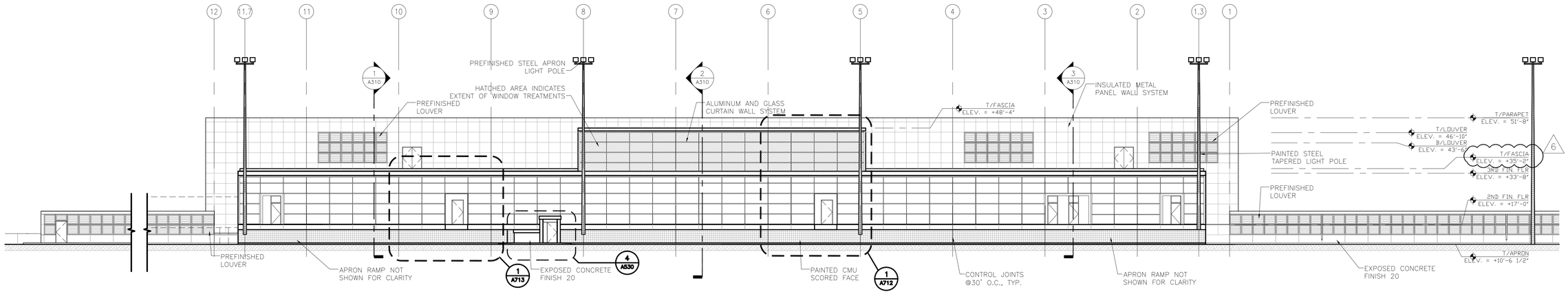
A215

BID PACKAGE 2A ISSUED FOR BID

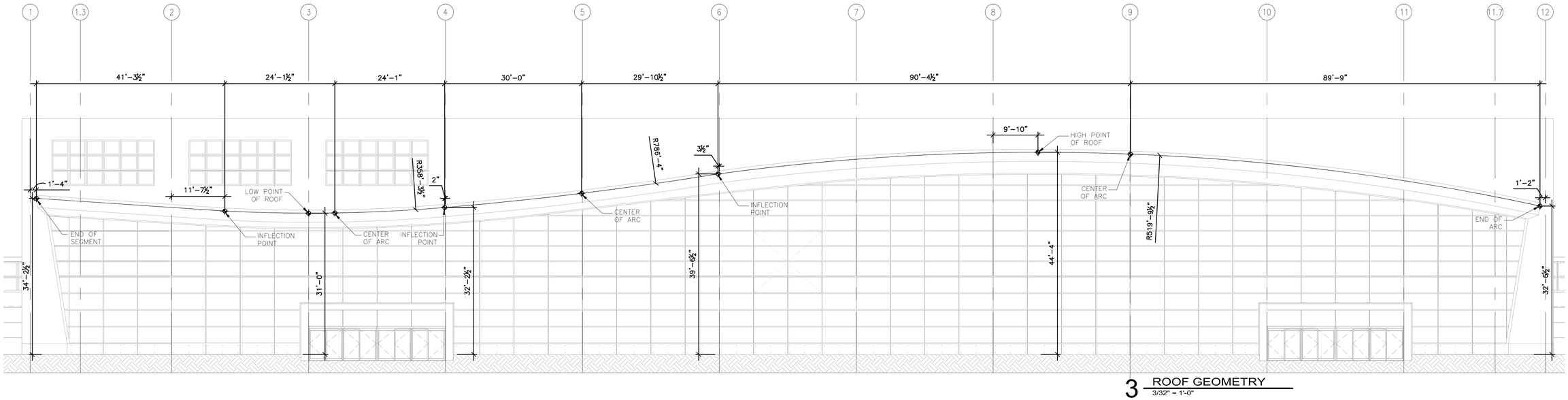
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A215 Enlarged Third Floor RCP Area B.dwg Plotted on: 1/28/2011 5:42 PM Plotted by: ip, Mark



1 SOUTH ELEVATION - LANDSIDE
1/16" = 1'-0"



2 NORTH ELEVATION - AIRSIDE
1/16" = 1'-0"



3 ROOF GEOMETRY
3/32" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3,4	NOT CHANGED	
	BUILDING PERMIT	9.16.10
5	CLARIFICATION-009	11.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
6	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

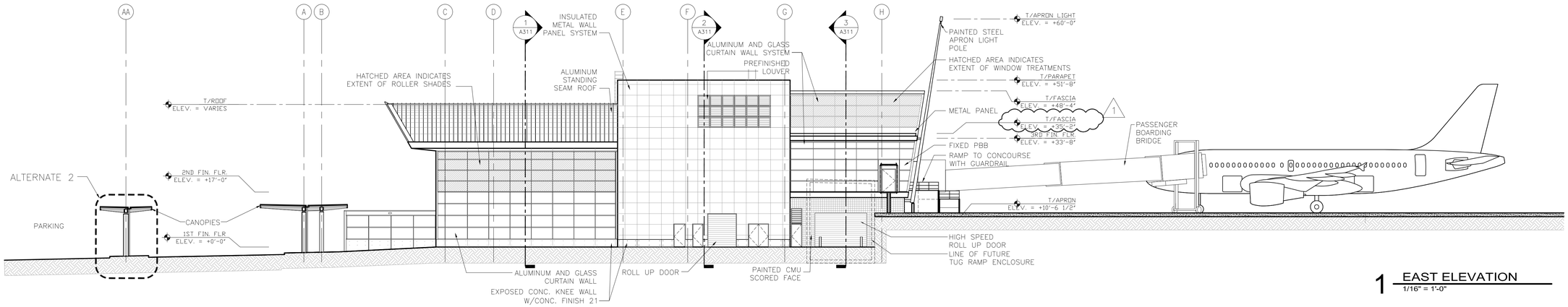
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR ELEVATIONS

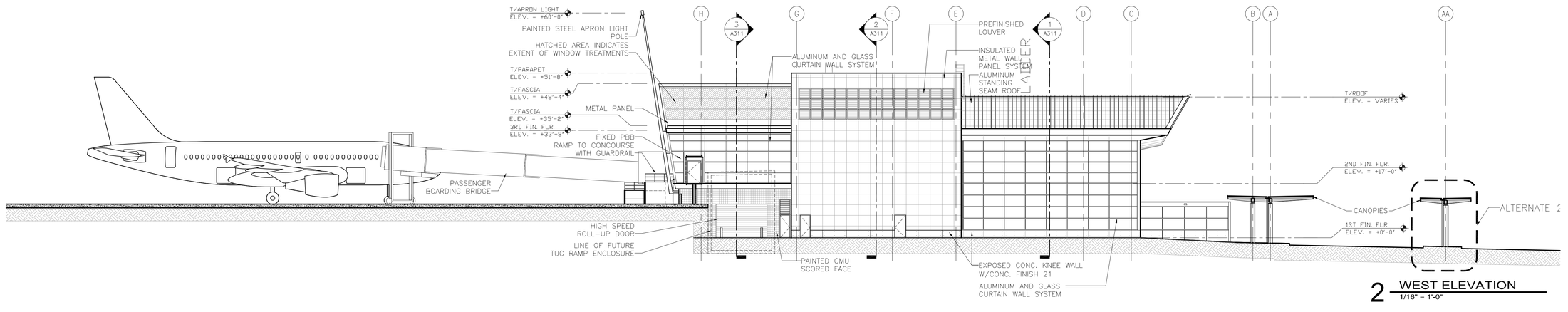
SHEET NUMBER
A301

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A301 Exterior Elevations.dwg Plotted on: 1/28/2011 5:42 PM Plotted by: lp, Mark



1 EAST ELEVATION
1/16" = 1'-0"



2 WEST ELEVATION
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
1	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

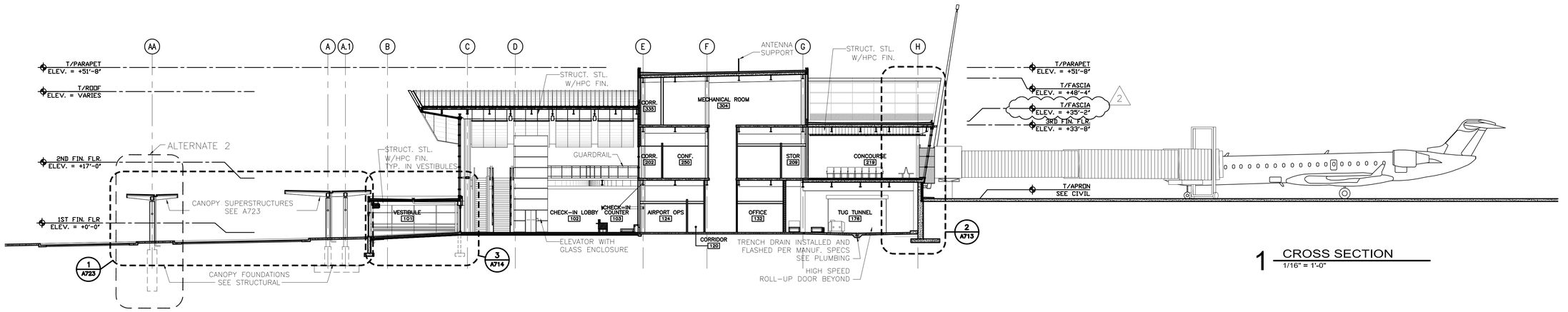
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

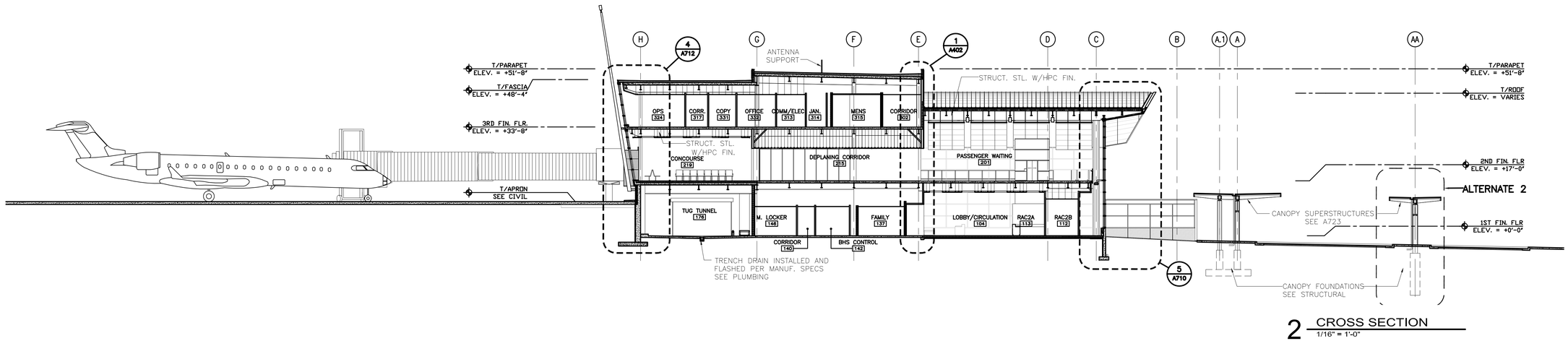
SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A302

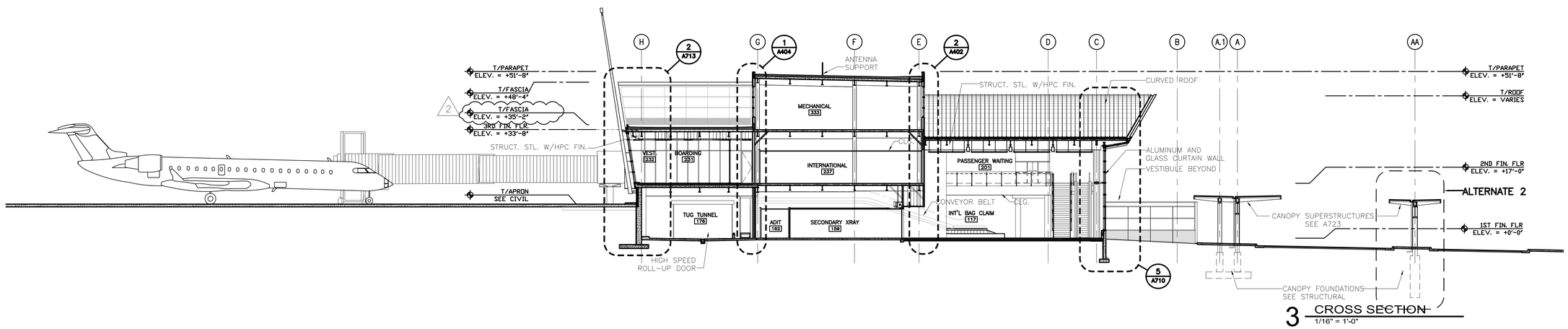
BID PACKAGE 2A ISSUED FOR BID



1 CROSS SECTION
1/16" = 1'-0"



2 CROSS SECTION
1/16" = 1'-0"



3 CROSS SECTION
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
2	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

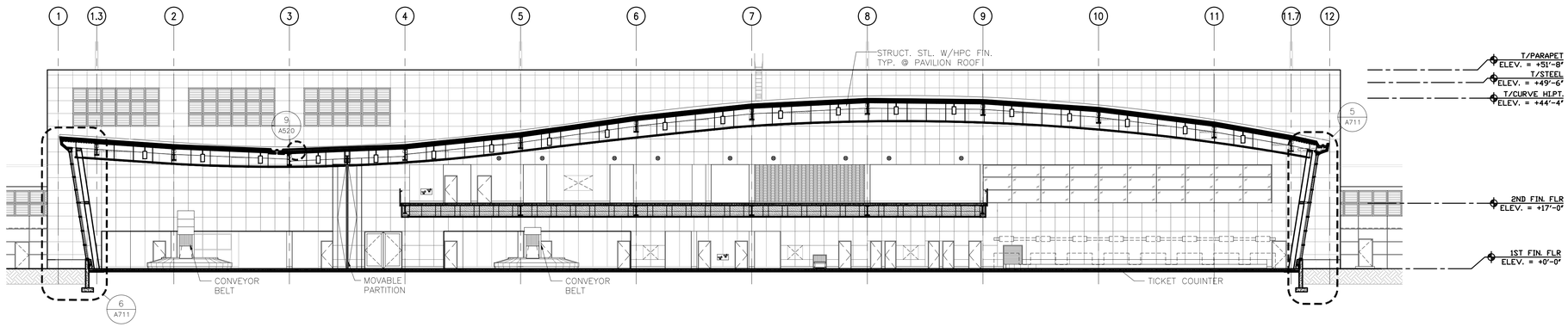
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

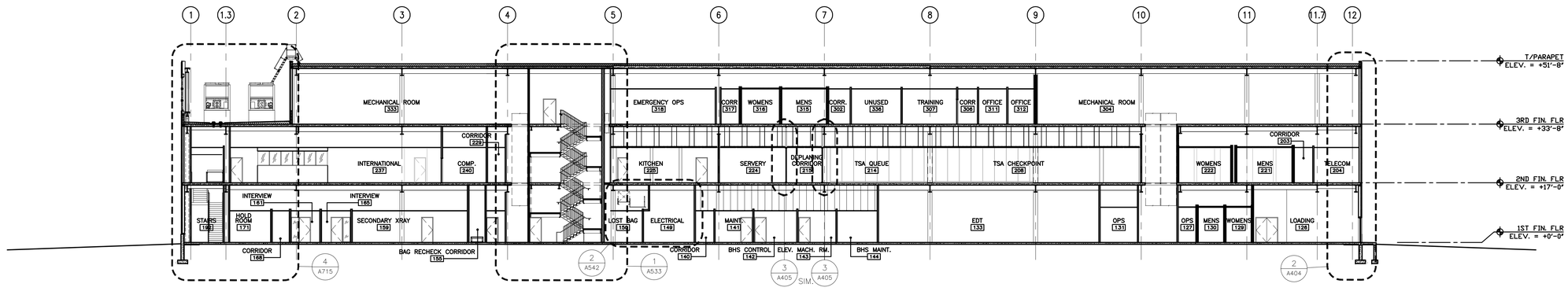
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A310

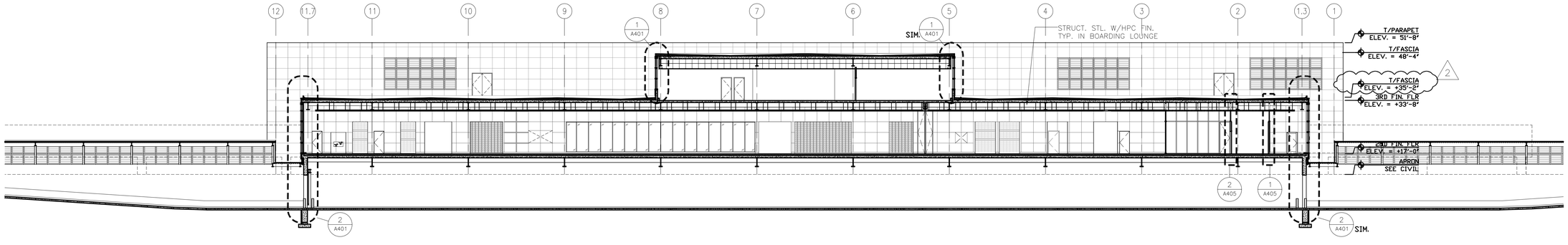
BID PACKAGE 2A ISSUED FOR BID



1 LONGITUDINAL SECTION
1/16" = 1'-0"



2 LONGITUDINAL SECTION
1/16" = 1'-0"



3 LONGITUDINAL SECTION
1/16" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
2	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

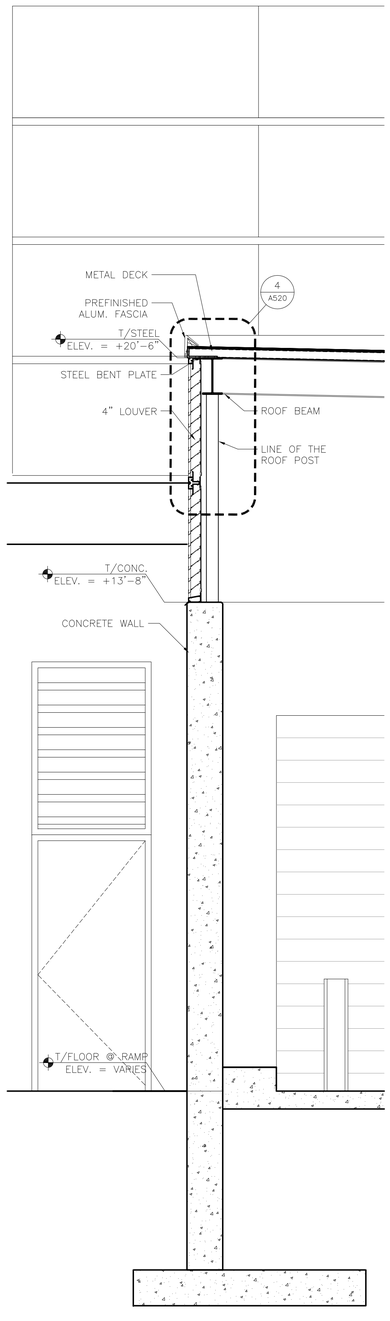
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

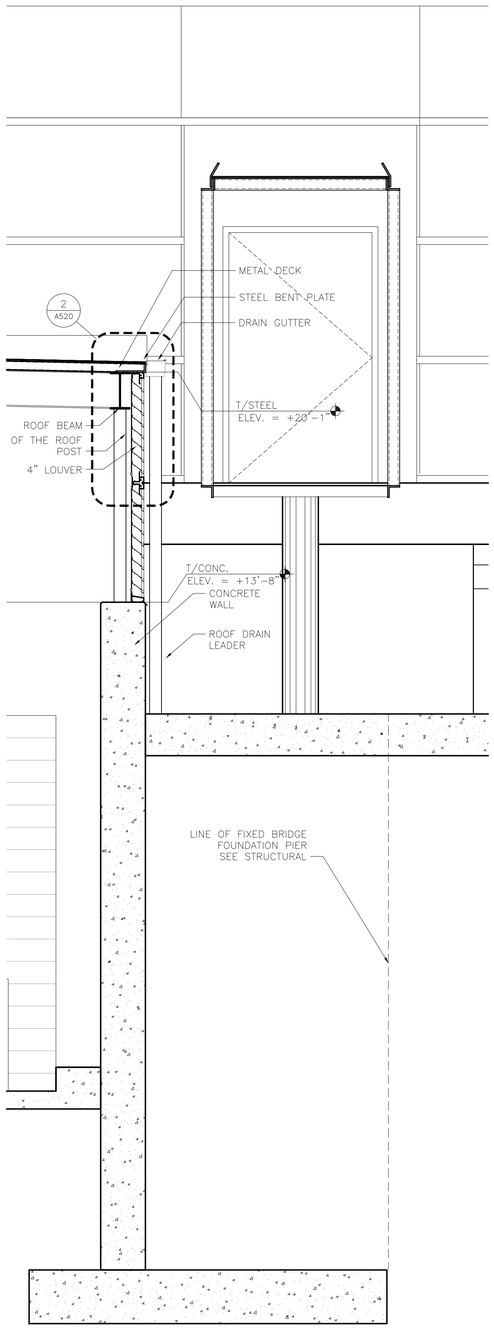
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A311

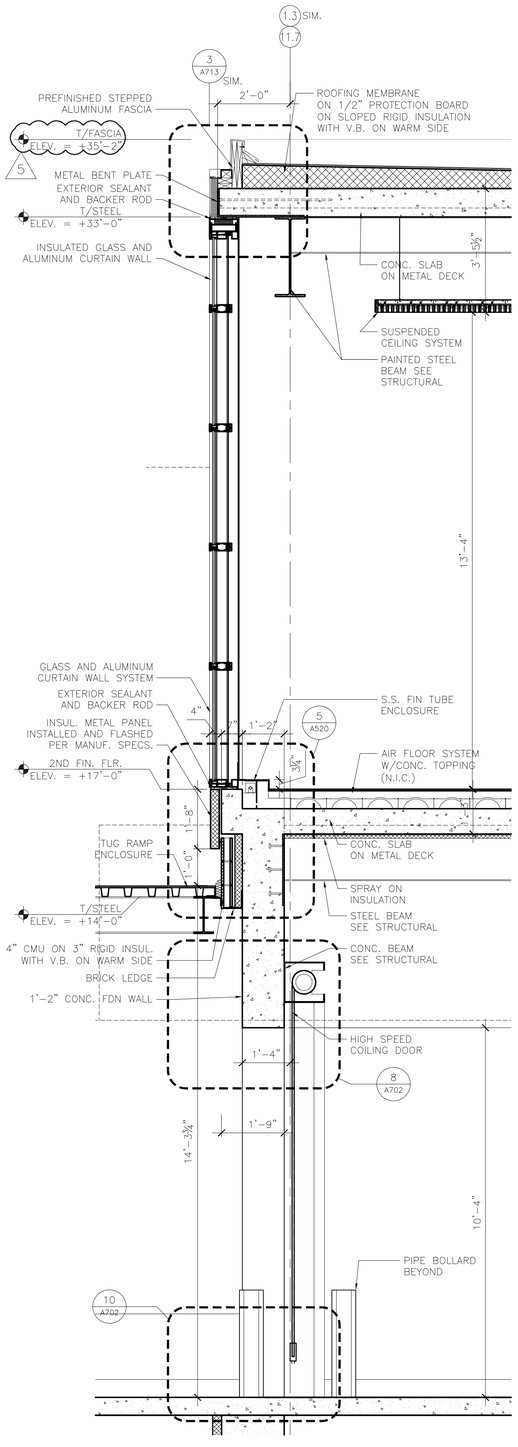
BID PACKAGE 2A ISSUED FOR BID



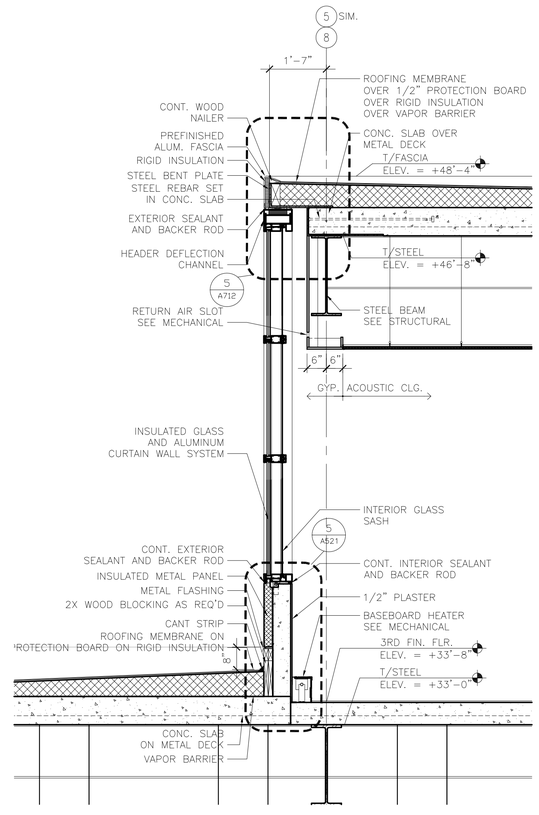
4 WALL SECTION @ TUG TUNNEL
1/2" = 1'-0"



3 WALL SECTION @ TUG TUNNEL
1/2" = 1'-0"



2 WALL SECTION @ CONCOURSE CURTAIN WALL
1/2" = 1'-0"



1 WALL SECTION @ ADMIN CURTAIN WALL
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
5	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

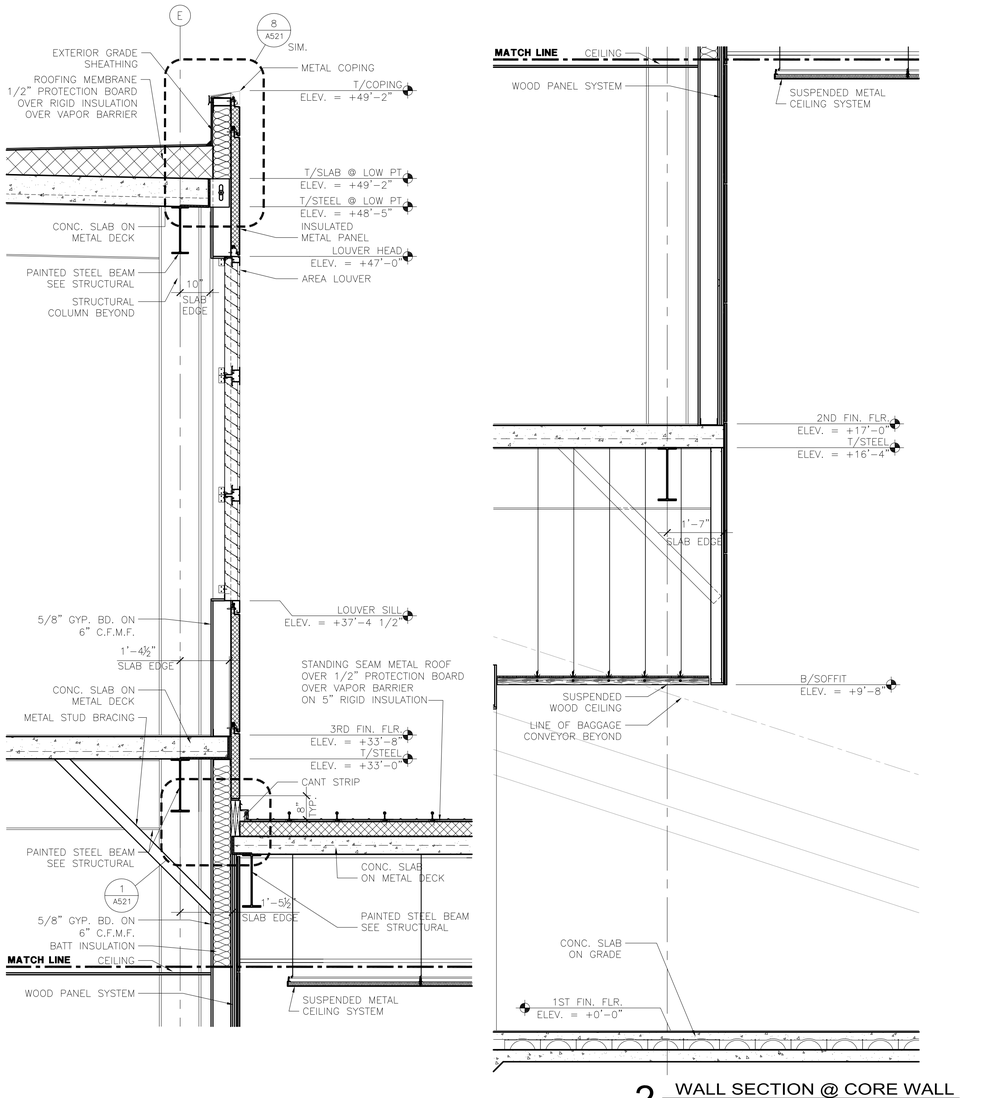
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
WALL SECTIONS

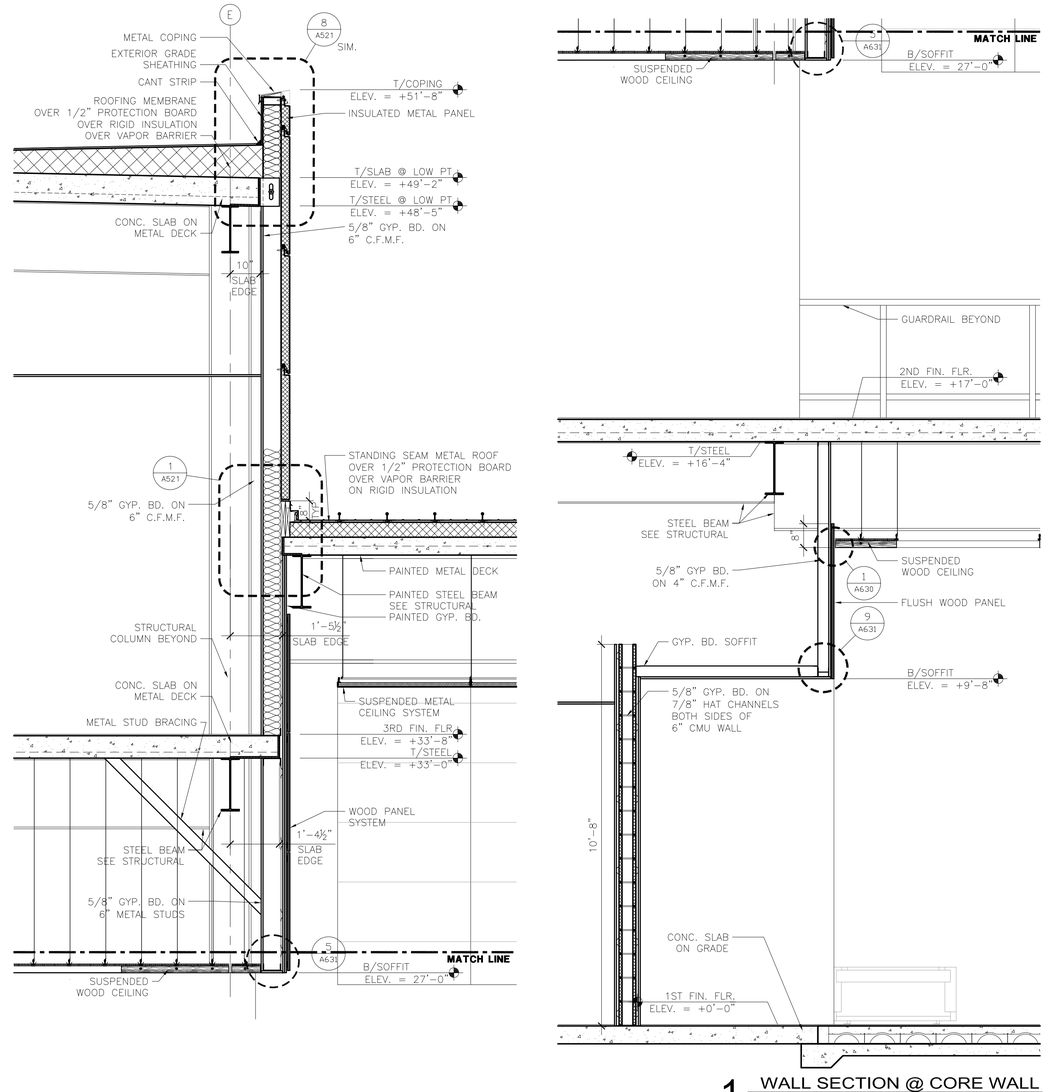
SHEET NUMBER
A401

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A401 Wall Sections.dwg Plotted on: 1/28/2011 5:55 PM Plotted by: ip, Mark



2 WALL SECTION @ CORE WALL
1/2" = 1'-0"



1 WALL SECTION @ CORE WALL
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

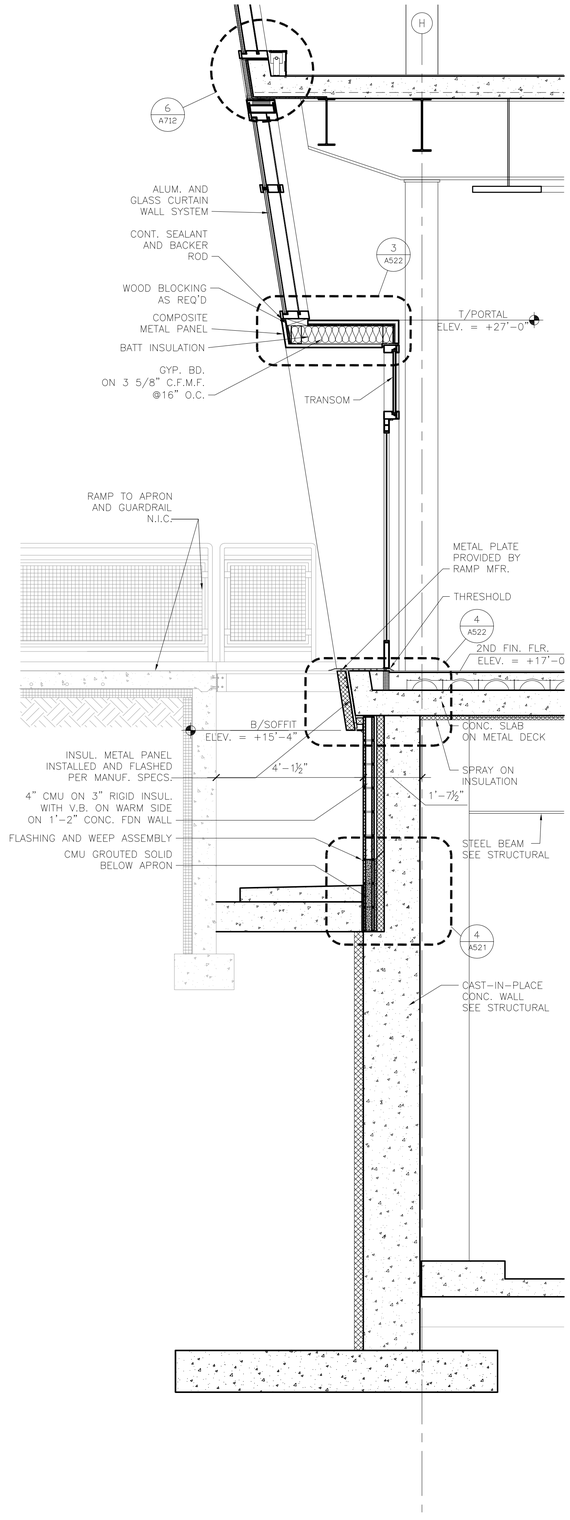
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
WALL SECTIONS

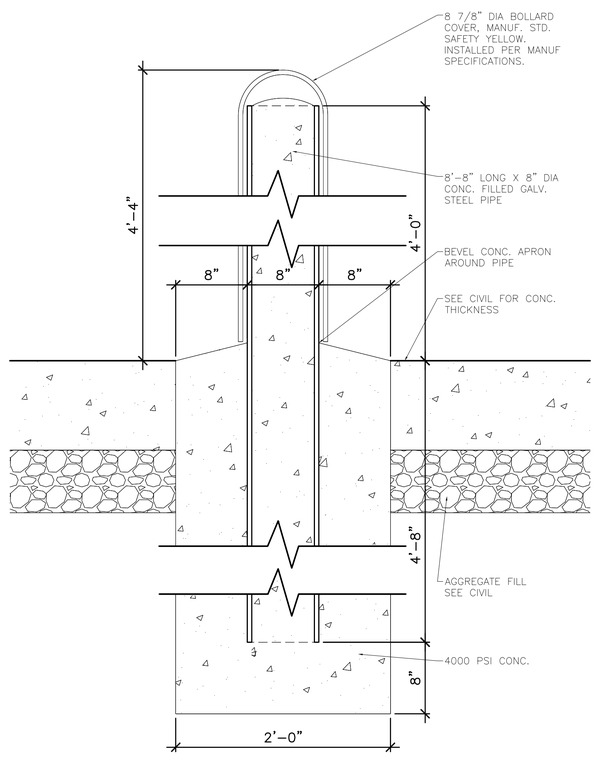
SHEET NUMBER
A402

BID PACKAGE 2A ISSUED FOR BID

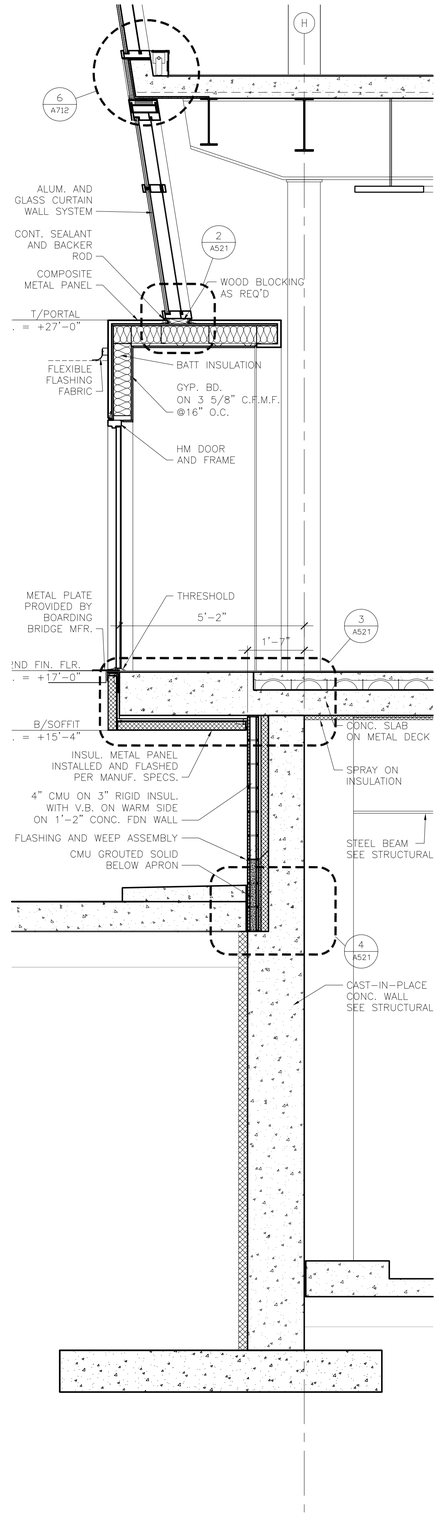
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A402 Wall Sections.dwg Plotted on: 1/28/2011 6:03 PM Plotted by: Ip, Mark



3 WALL SECTION @ DOOR PORTAL
1/2" = 1'-0"



2 PIPE BOLLARD DETAIL
1/2" = 1'-0"



1 WALL SECTION @ PBB PORTAL
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

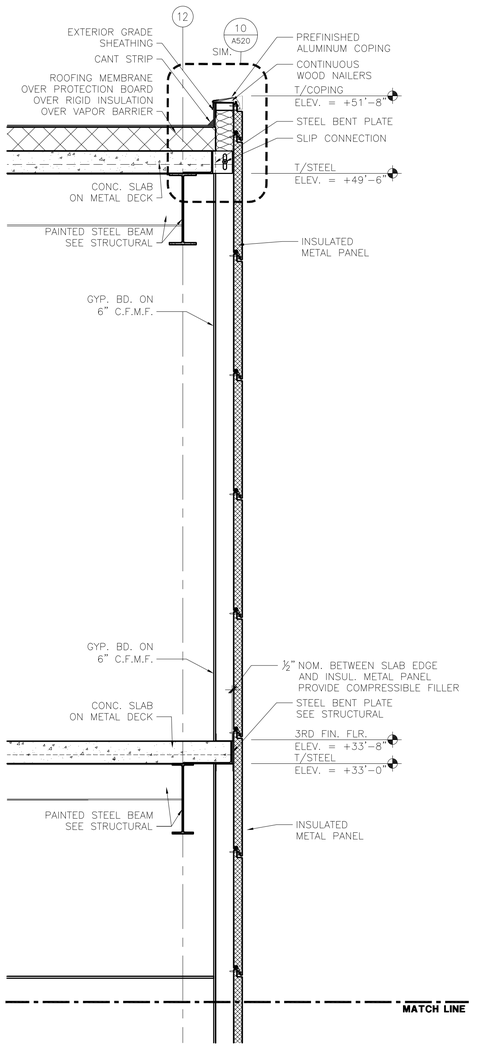
AEP PROJECT NUMBER
213-1882-091

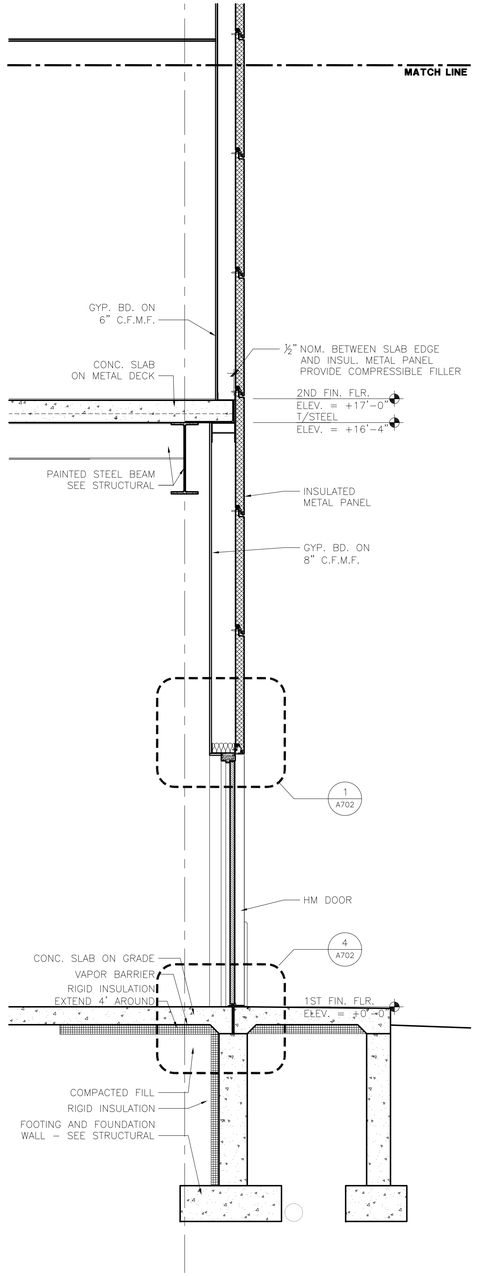
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
WALL SECTIONS

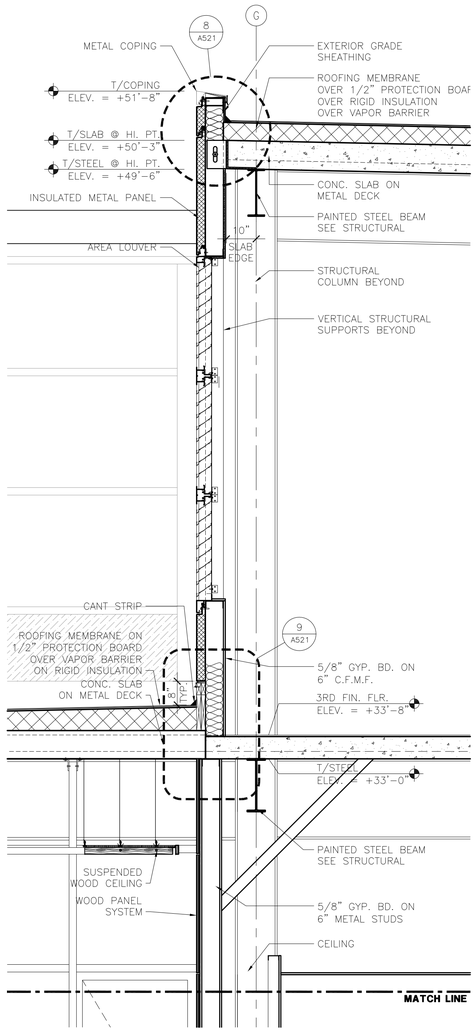
SHEET NUMBER
A403

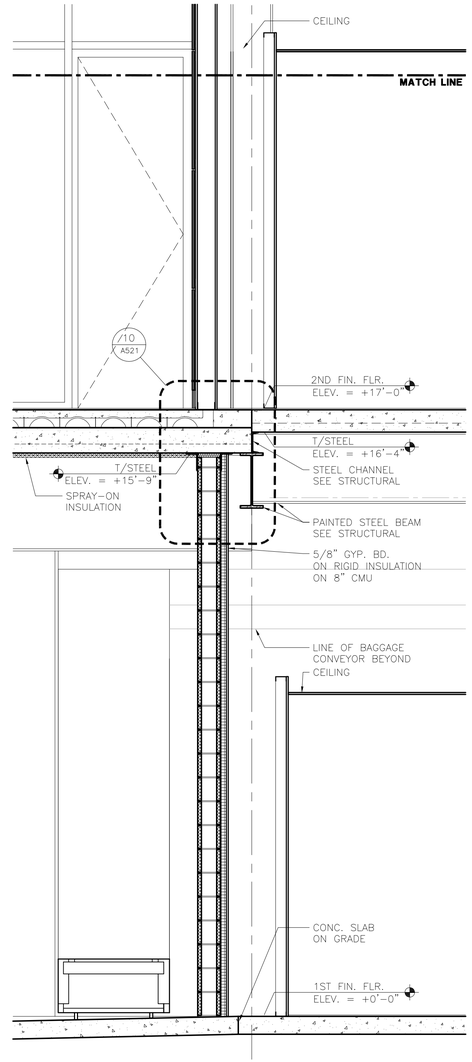
BID PACKAGE 2A ISSUED FOR BID





2 WALL SECTION @ CORE WALL
1/2" = 1'-0"





1 WALL SECTION @ CORE WALL
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1,2,3	NOT CHANGED	
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

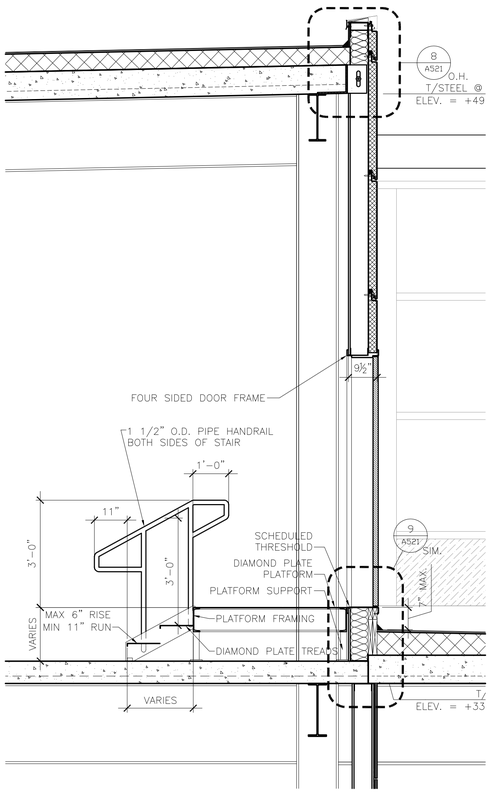
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
WALL SECTIONS

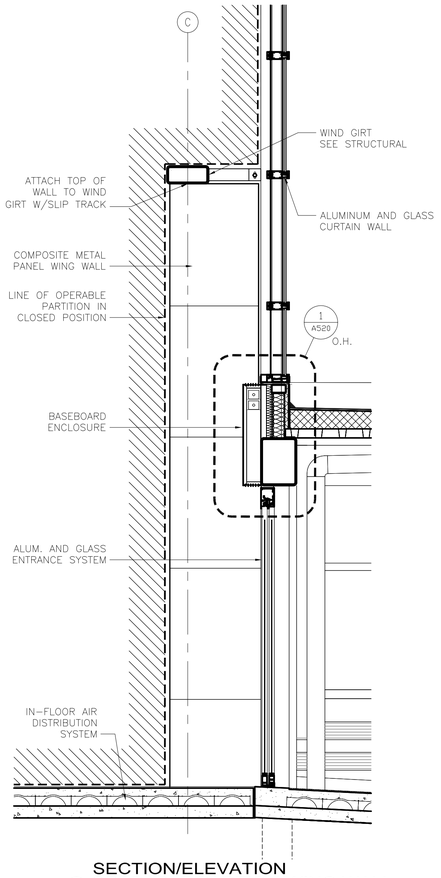
SHEET NUMBER
A404

BID PACKAGE 2A ISSUED FOR BID

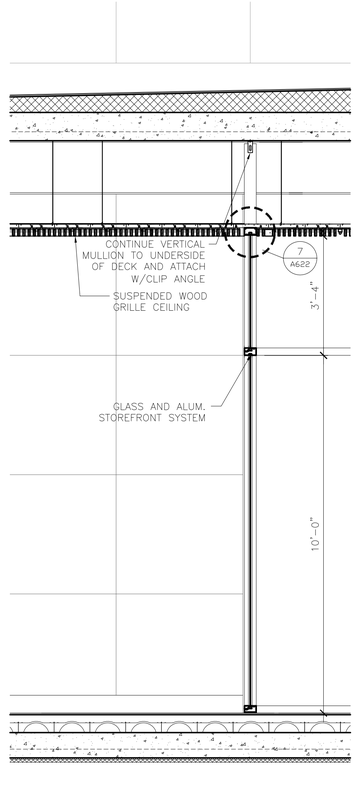
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A404 Wall Sections.dwg Plotted on: 1/28/2011 6:19 PM Plotted by: lp, Mark



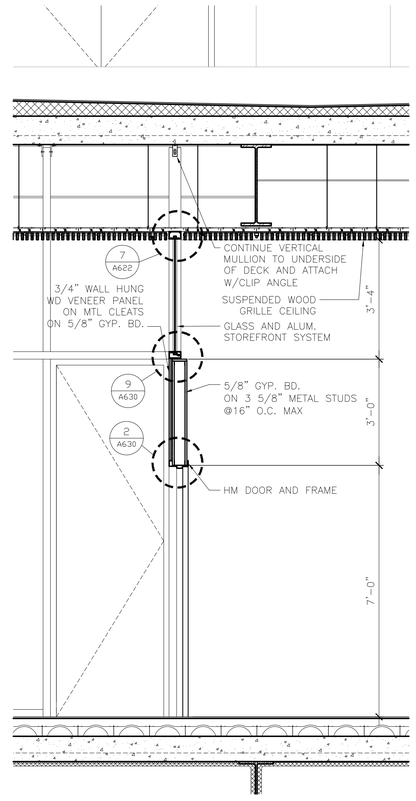
5 ROOF ACCESS STAIR SECTION
1/2" = 1'-0"



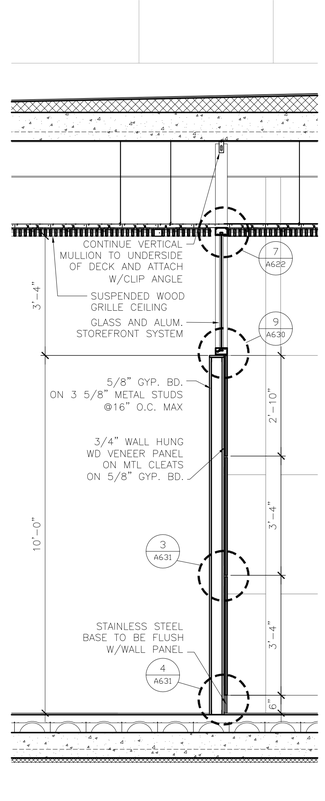
4 SECTION/ELEVATION @ OPERABLE PARTION WING WALL
1/2" = 1'-0"



3 WALL SECTION @ FBO
1/2" = 1'-0"



2 WALL SECTION @ FBO
1/2" = 1'-0"



1 WALL SECTION @ FBO
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (216) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

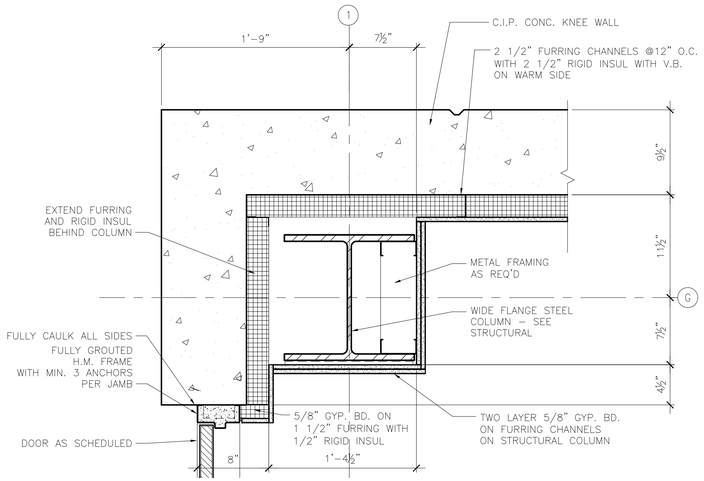
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
WALL SECTIONS

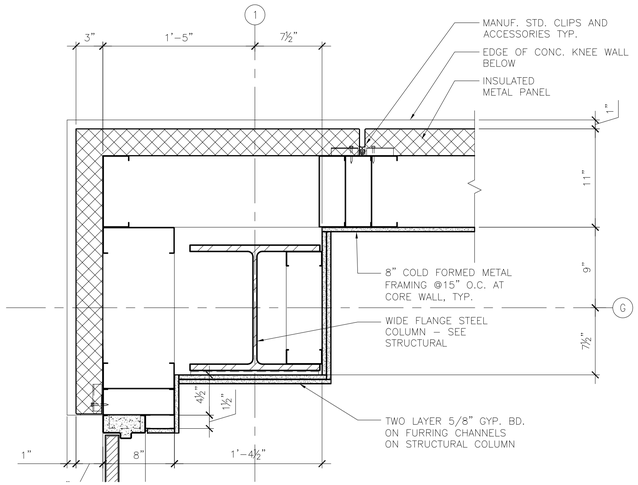
SHEET NUMBER
A405

BID PACKAGE 2A ISSUED FOR BID

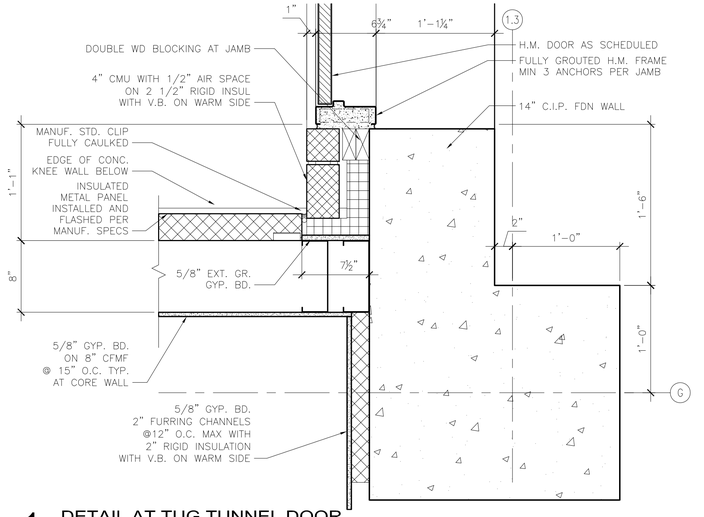
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A405 Wall Sections.dwg Plotted on: 1/28/2011 6:31 PM Plotted by: ip, Mark



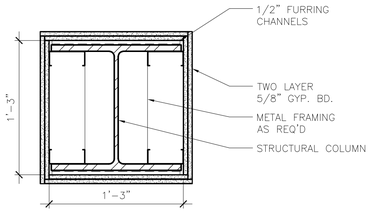
7 DETAIL @ CORE WALL CORNER LOWER
1 1/2" = 1'-0"



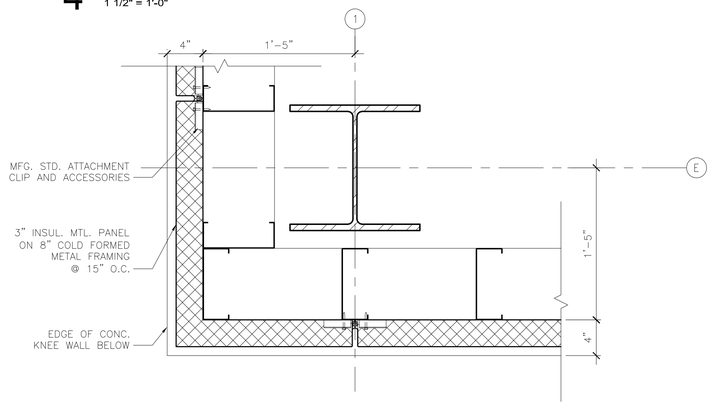
4 DETAIL @ CORE WALL CORNER UPPER
1 1/2" = 1'-0"



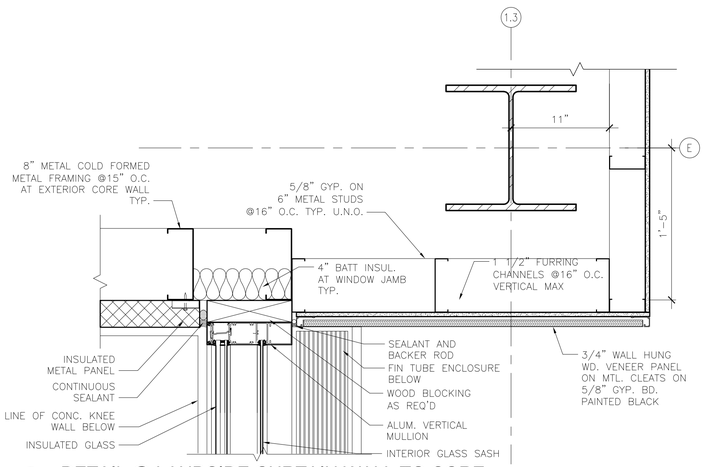
1 DETAIL AT TUG TUNNEL DOOR
1 1/2" = 1'-0"



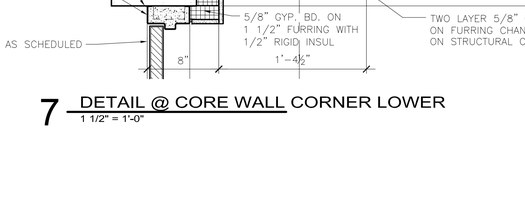
8 TYP. COLUMN WRAP DETAIL
1 1/2" = 1'-0"



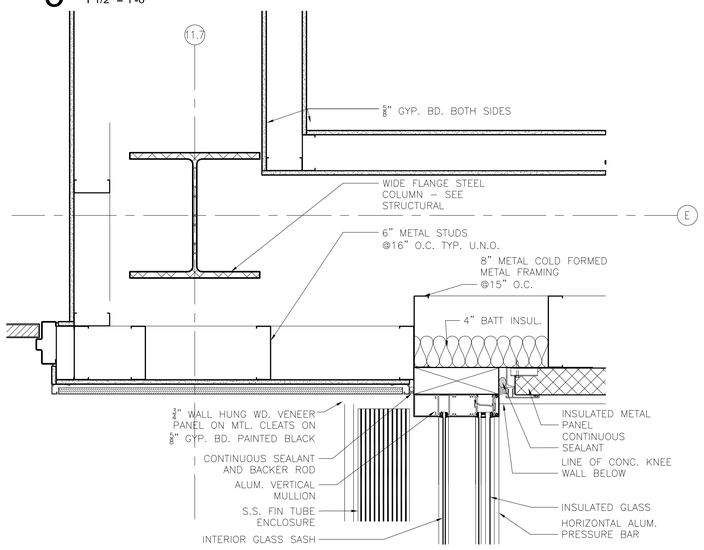
5 DETAIL
1 1/2" = 1'-0"



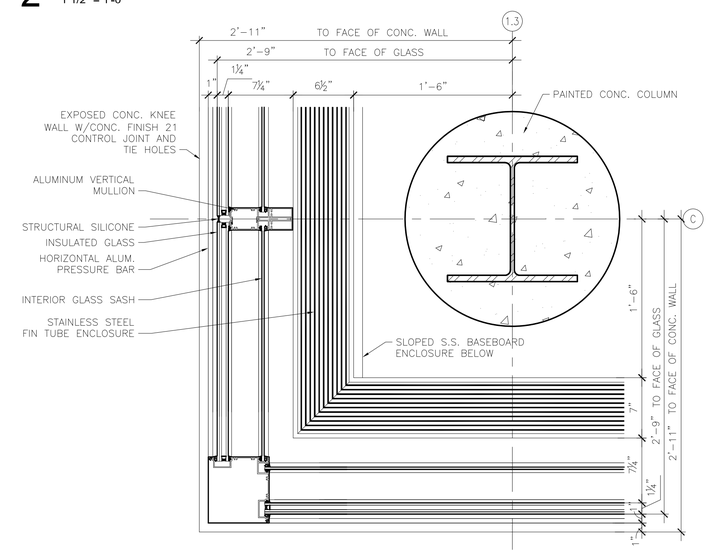
2 DETAIL @ LANDSIDE CURTAIN WALL TO CORE
1 1/2" = 1'-0"



9 REMOTE ANNUNCIATOR DETAIL
1 1/2" = 1'-0"



6 DETAIL
1 1/2" = 1'-0"



3 DETAIL @ LANDSIDE CURTAIN WALL CORNER
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

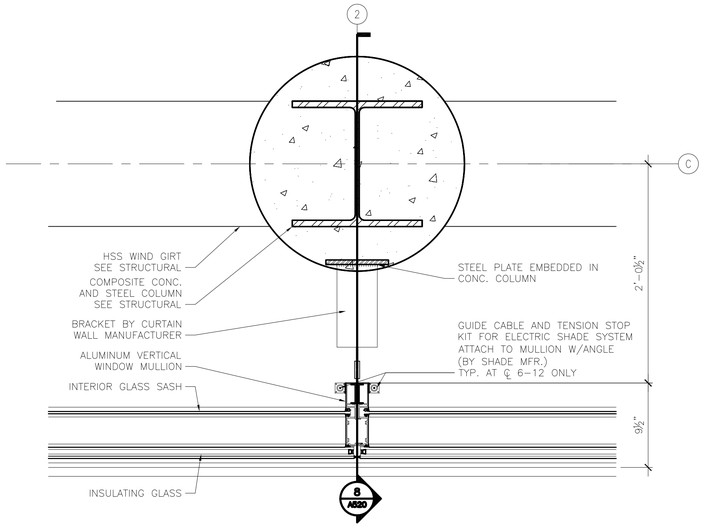
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

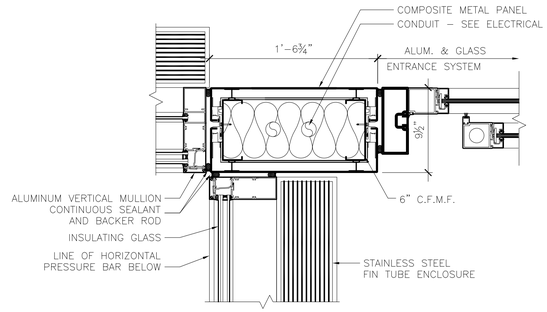
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
A510

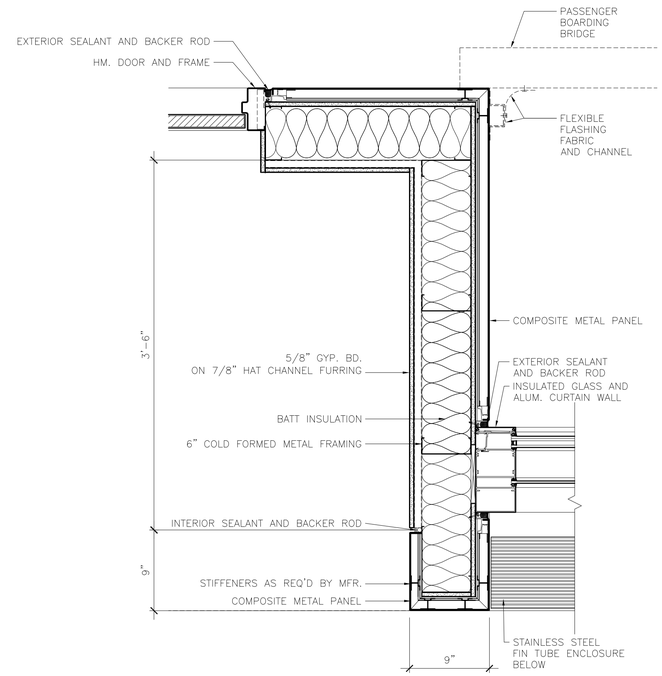
BID PACKAGE 2A ISSUED FOR BID



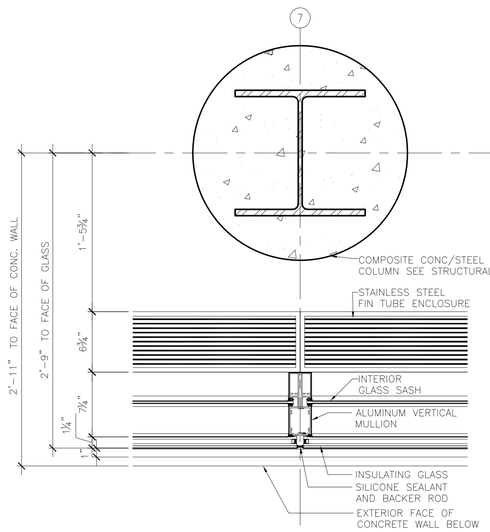
7 PLAN DETAIL - SECOND LEVEL
1 1/2" = 1'-0"



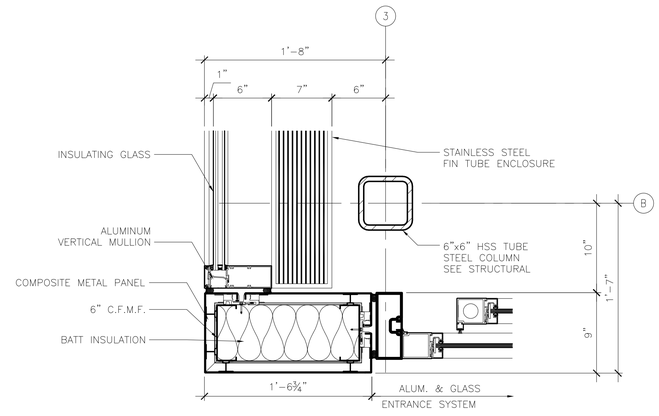
4 PLAN DETAIL @ VESTIBULE
1 1/2" = 1'-0"



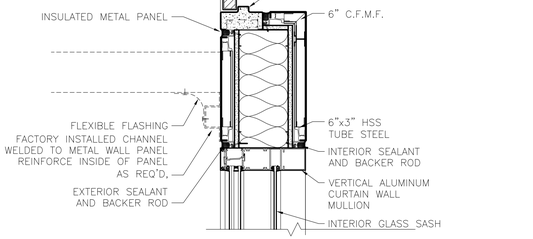
1 PLAN DETAIL @ PBB PORTAL
1 1/2" = 1'-0"



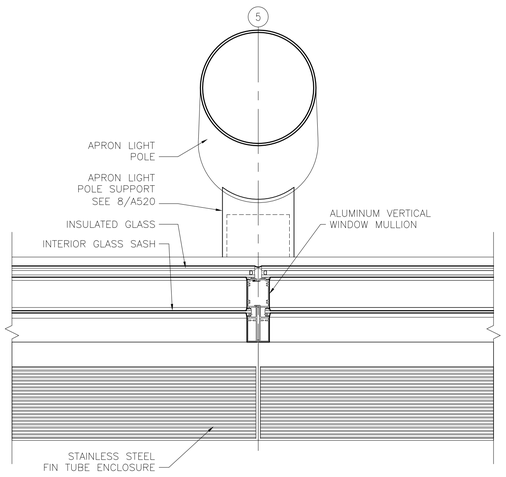
8 PLAN DETAIL - FIRST LEVEL
1 1/2" = 1'-0"



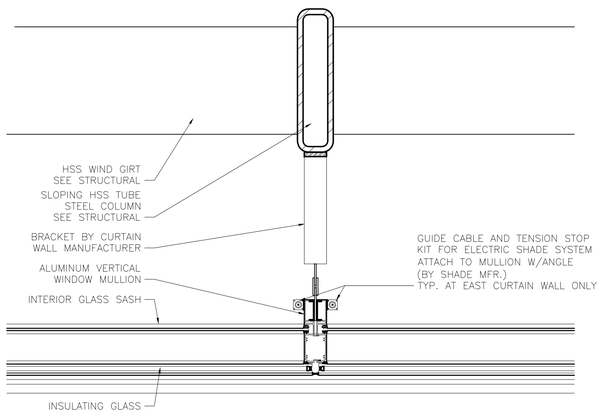
5 PLAN DETAIL @ VESTIBULE
1 1/2" = 1'-0"



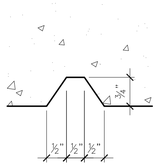
2 PLAN DETAIL @ FIXED BRIDGE
1 1/2" = 1'-0"



6 PLAN DETAIL - SECOND LEVEL
1 1/2" = 1'-0"



3 PLAN DETAIL @ SECOND LEVEL
1 1/2" = 1'-0"



9 TYP. CONCRETE REVEAL DETAIL
6" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

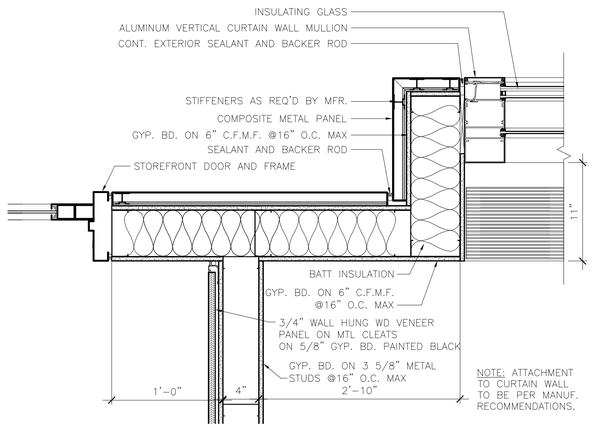
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

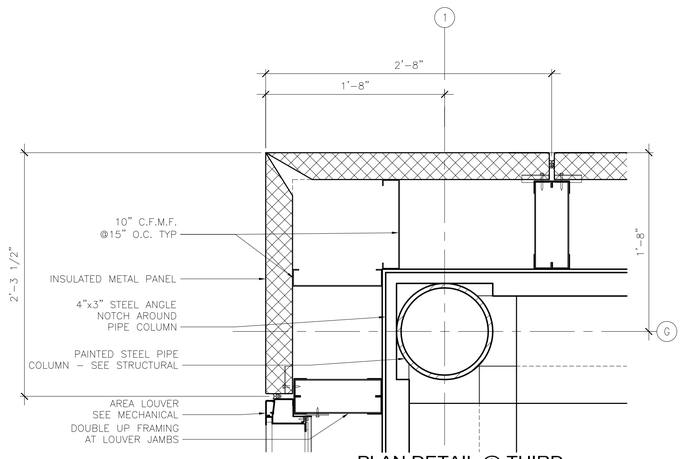
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
A511

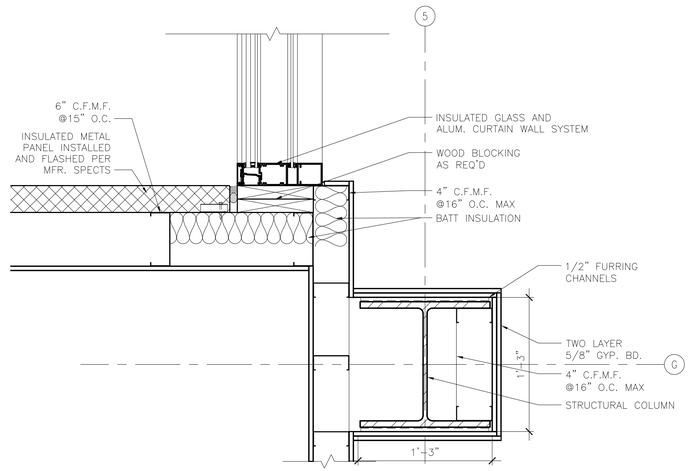
BID PACKAGE 2A ISSUED FOR BID



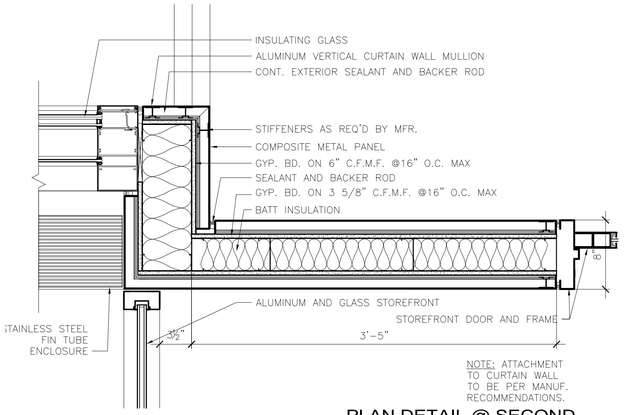
7 PLAN DETAIL @ SECOND LEVEL DOOR PORTAL
1 1/2" = 1'-0"



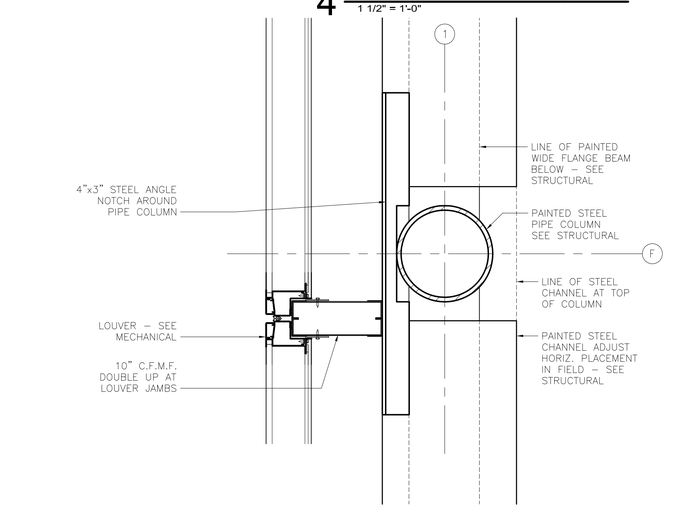
4 PLAN DETAIL @ THIRD LEVEL MECHANICAL SCREEN
1 1/2" = 1'-0"



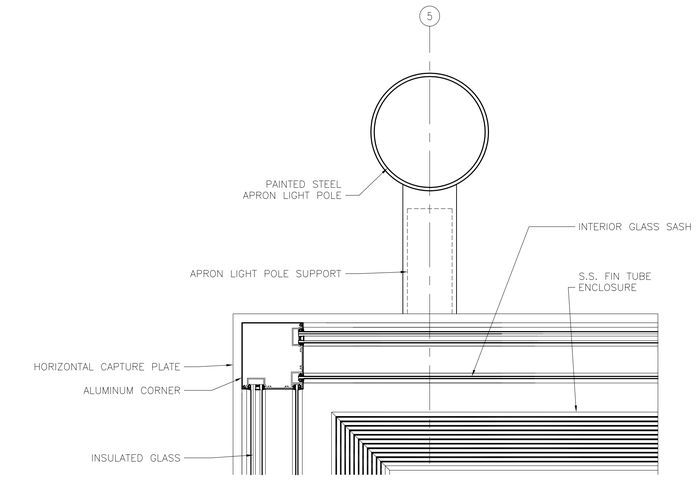
1 PLAN DETAIL @ THIRD LEVEL
1 1/2" = 1'-0"



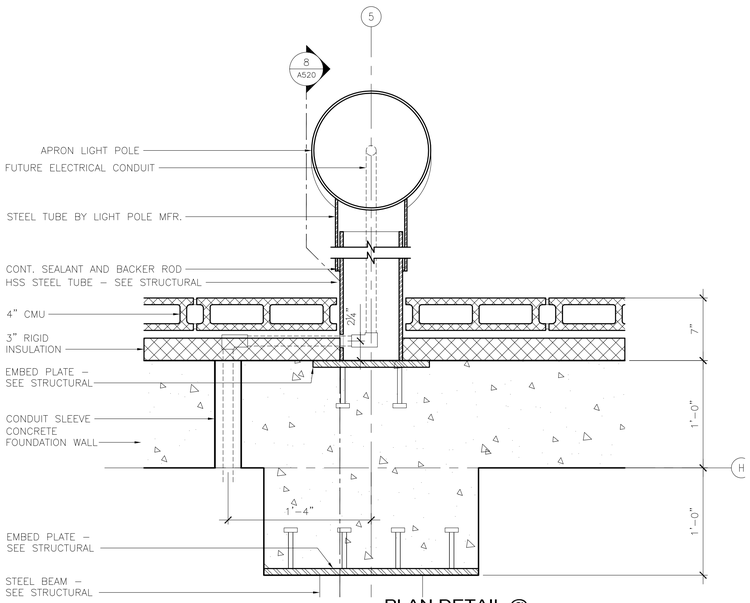
8 PLAN DETAIL @ SECOND LEVEL DOOR PORTAL
1 1/2" = 1'-0"



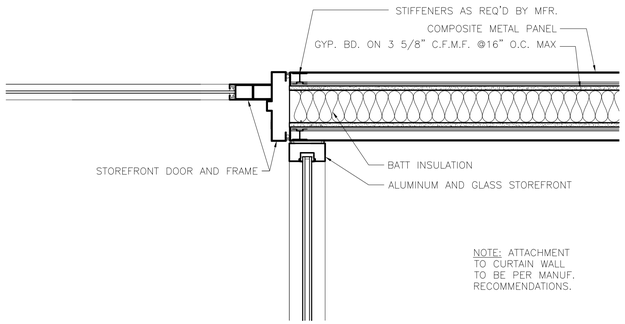
5 PLAN DETAIL @ THIRD LEVEL MECHANICAL SCREEN
1 1/2" = 1'-0"



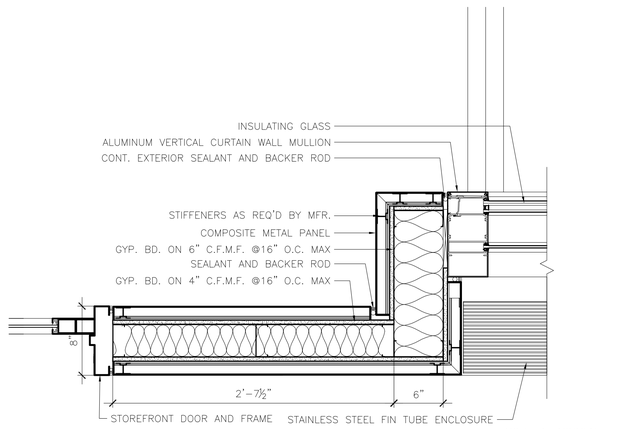
2 PLAN DETAIL @ THIRD LEVEL
1 1/2" = 1'-0"



9 PLAN DETAIL @ APRON LIGHT POLE
1 1/2" = 1'-0"



6 PLAN DETAIL @ SECOND LEVEL DOOR PORTAL
1 1/2" = 1'-0"



3 PLAN DETAIL @ SECOND LEVEL DOOR PORTAL
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

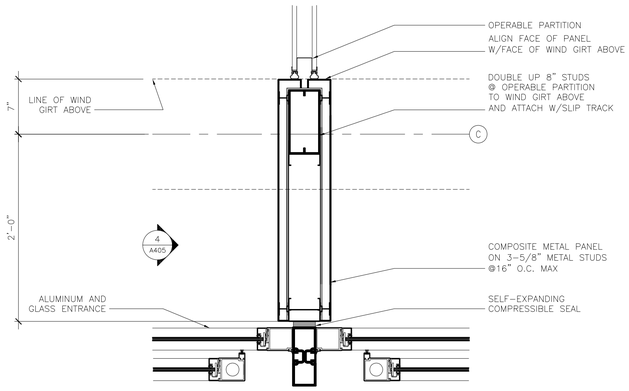
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

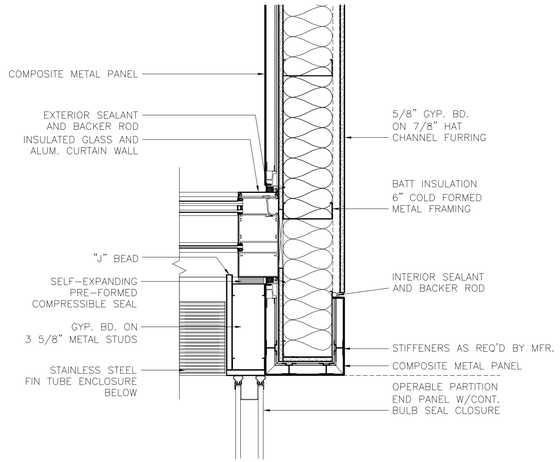
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
A512

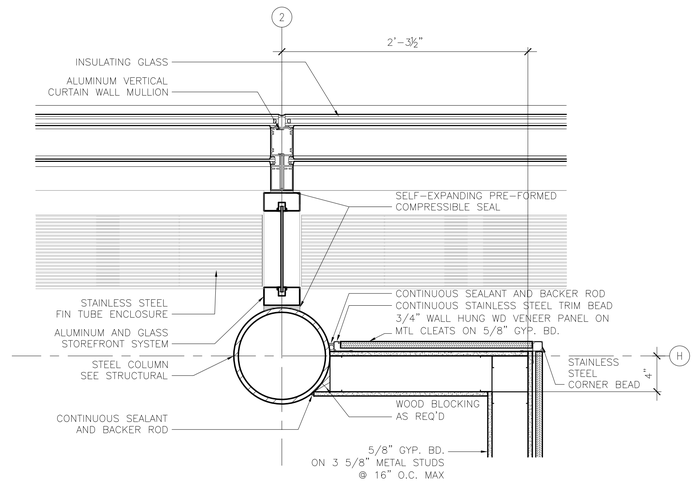
BID PACKAGE 2A ISSUED FOR BID



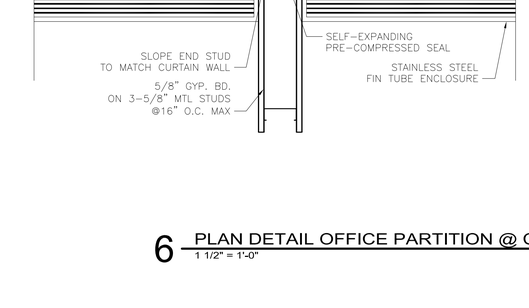
7 PLAN DETAIL @ WING WALL
1 1/2" = 1'-0"



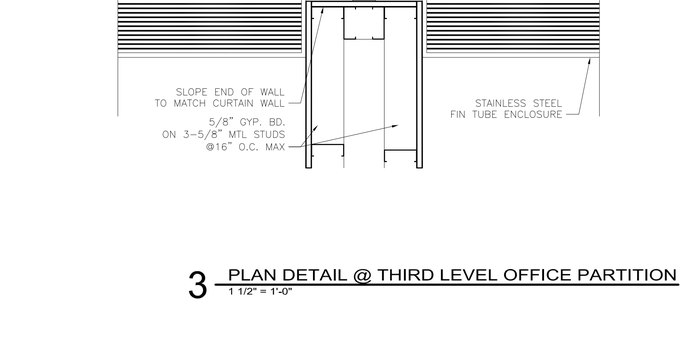
4 PLAN DETAIL @ OPERABLE PARTITION CLOSURE
1 1/2" = 1'-0"



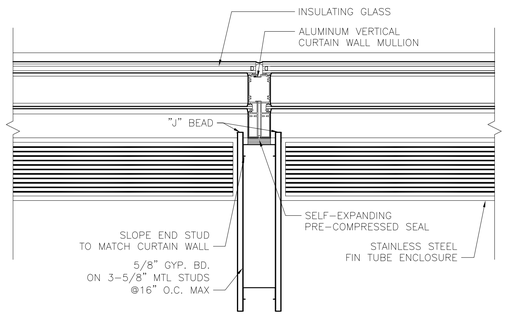
1 PLAN DETAIL @ FBO OFFICE SECOND LEVEL
1 1/2" = 1'-0"



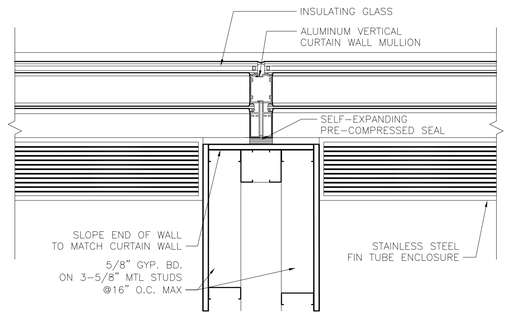
5 PLAN DETAIL @ OPERABLE PARTITION CLOSURE
1 1/2" = 1'-0"



2 PLAN DETAIL @ FBO OFFICE SECOND LEVEL
1 1/2" = 1'-0"



6 PLAN DETAIL OFFICE PARTITION @ COLUMN
1 1/2" = 1'-0"



3 PLAN DETAIL @ THIRD LEVEL OFFICE PARTITION
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
PLAN DETAILS

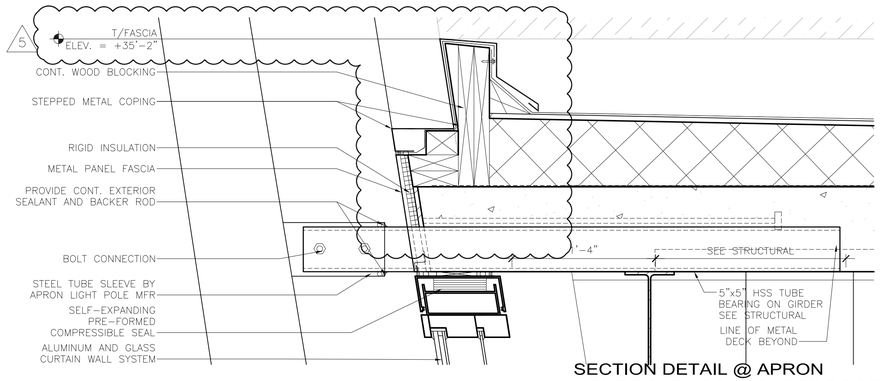
SHEET NUMBER
A513

BID PACKAGE 2A ISSUED FOR BID

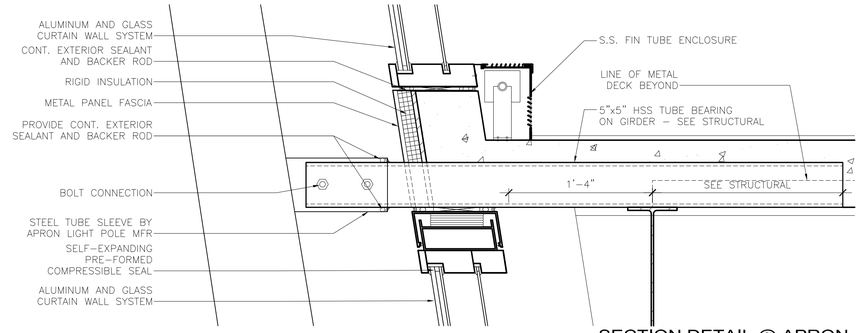
10 DELETED
1 1/2" = 1'-0"

11 DELETED
1 1/2" = 1'-0"

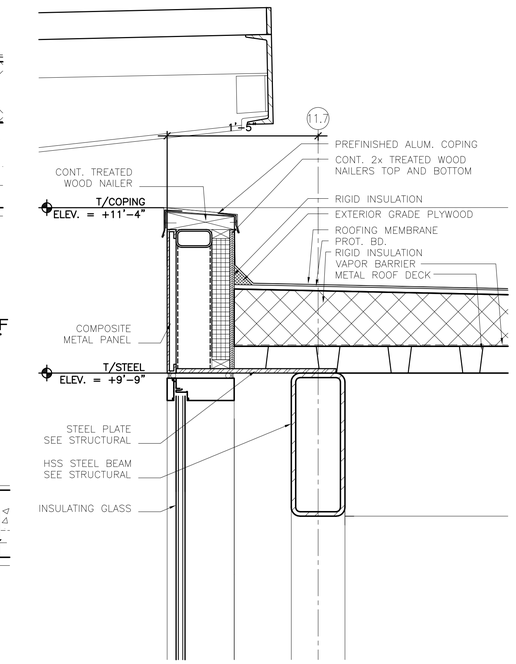
12 DELETED
1 1/2" = 1'-0"



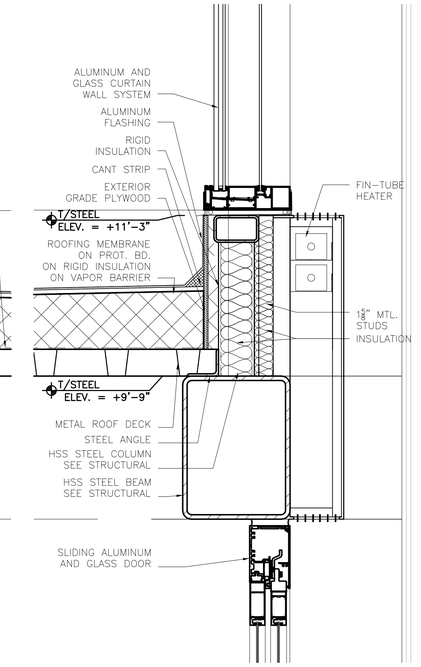
6 SECTION DETAIL @ APRON LIGHT POLE - CONCOURSE ROOF
1 1/2" = 1'-0"



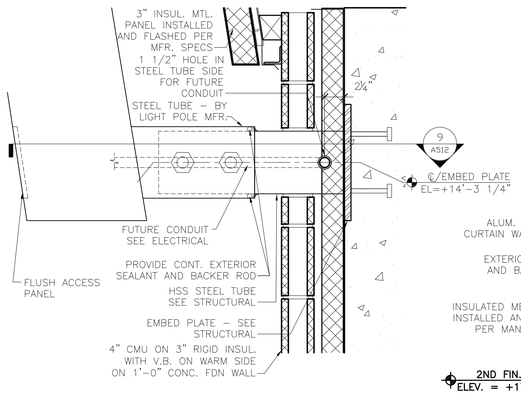
7 SECTION DETAIL @ APRON LIGHT POLE - THIRD FLOOR
1 1/2" = 1'-0"



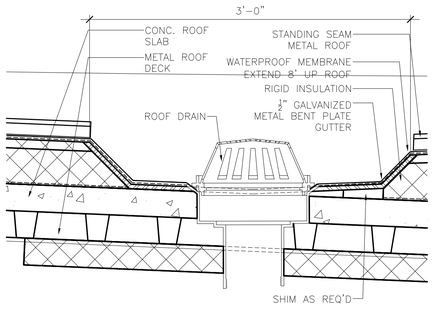
3 SECTION DETAIL @ VESTIBULE
1 1/2" = 1'-0"



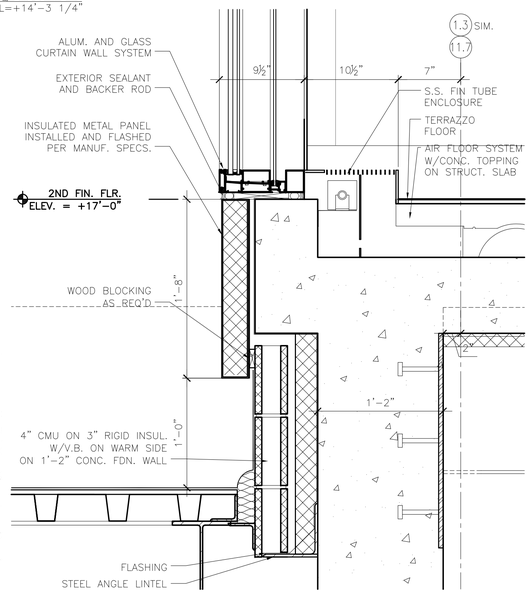
1 SECTION DETAIL @ VESTIBULE
1 1/2" = 1'-0"



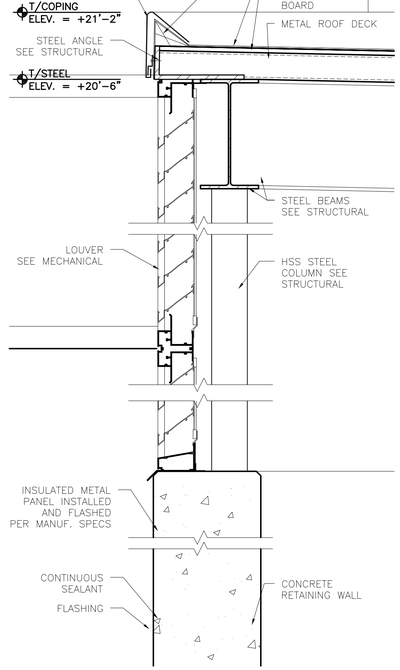
8 SECTION DETAIL @ APRON LIGHT POLE BASE CONNECTION
1 1/2" = 1'-0"



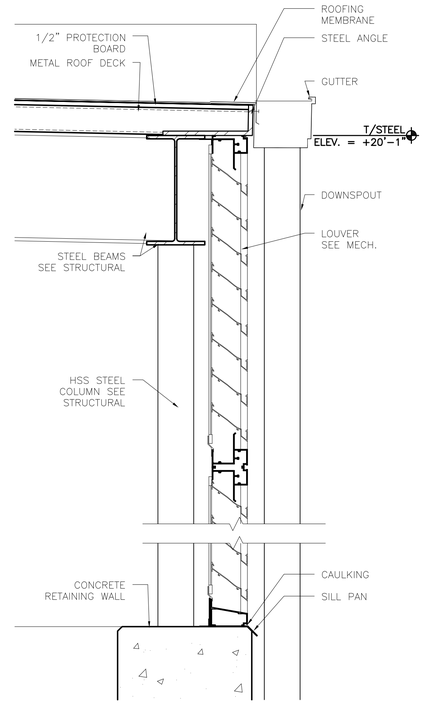
9 SECTION DETAIL @CURVED ROOF TRENCH DRAIN
1 1/2" = 1'-0"



5 EXPANSION JOINT DETAIL @ TUG DRIVE & CONCOURSE
1 1/2" = 1'-0"



4 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



2 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
5	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

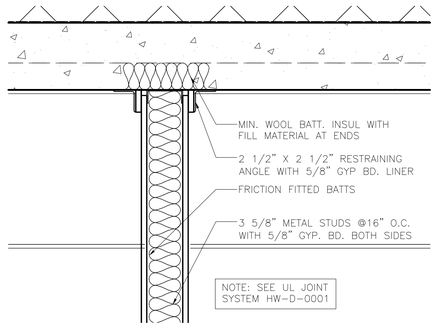
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

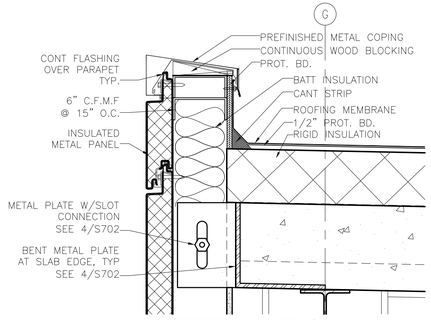
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
A520

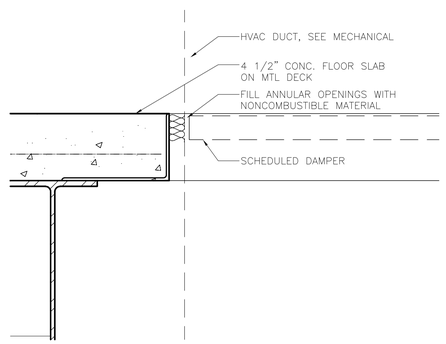
BID PACKAGE 2A ISSUED FOR BID



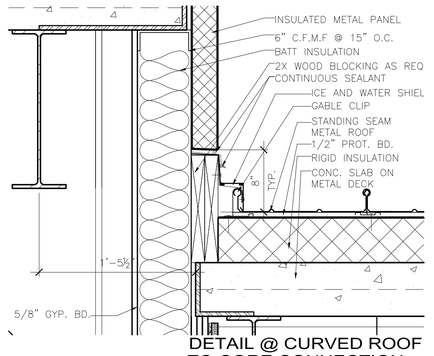
12 TYP. FIRE BARRIER WALL HEAD
1 1/2" = 1'-0"



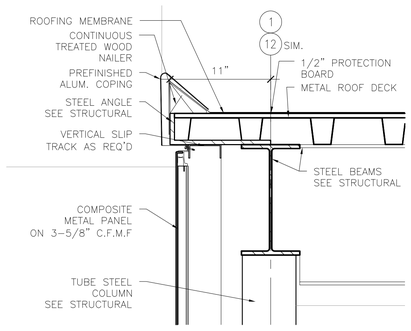
8 SECTION DETAIL @ TYP. CORE ROOF PARAPET
NOT TO SCALE



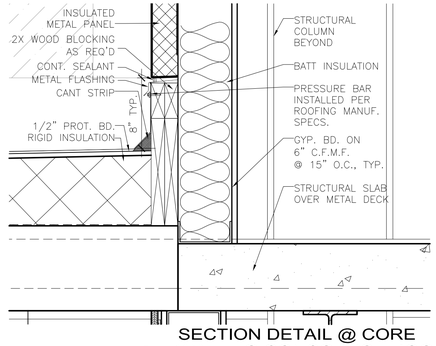
5 TYP. WALL HEAD @ SHAFT
1 1/2" = 1'-0"



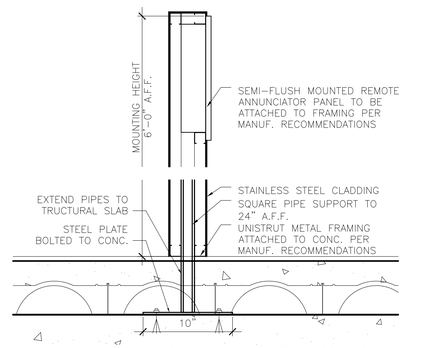
1 DETAIL @ CURVED ROOF TO CORE CONNECTION
1 1/2" = 1'-0"



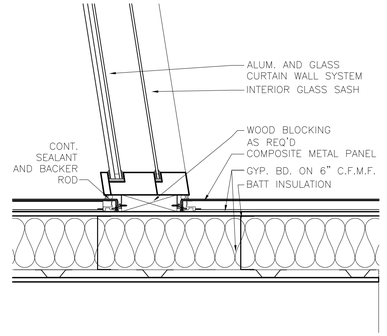
13 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



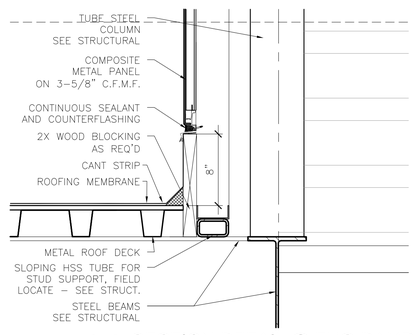
9 SECTION DETAIL @ CORE WALL TO CONCOURSE ROOF
NOT TO SCALE



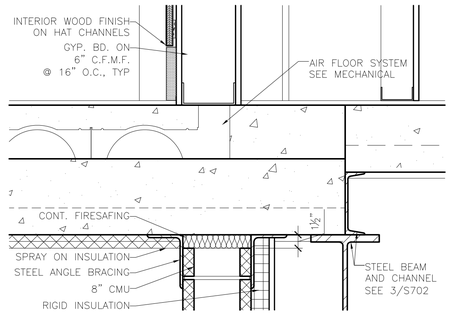
6 REMOTE ANNUNCIATOR DETAIL
1 1/2" = 1'-0"



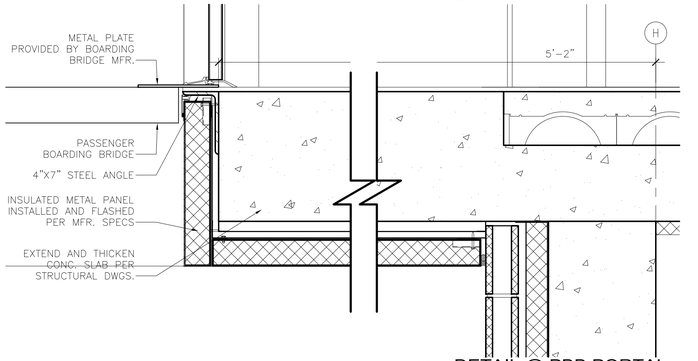
2 DETAIL @ PBB PORTAL
1 1/2" = 1'-0"



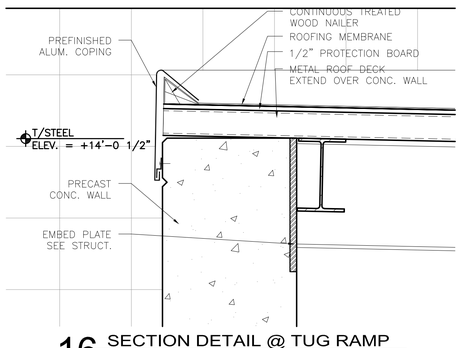
14 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



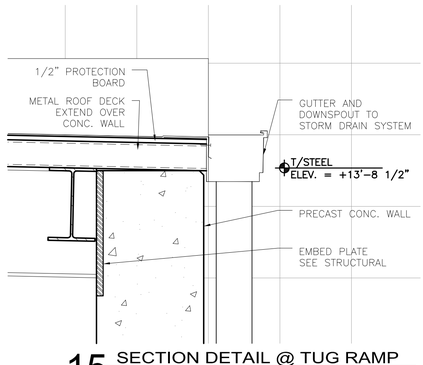
10 SECTION DETAIL @ SECOND FLOOR SLAB TRANSITION
NOT TO SCALE



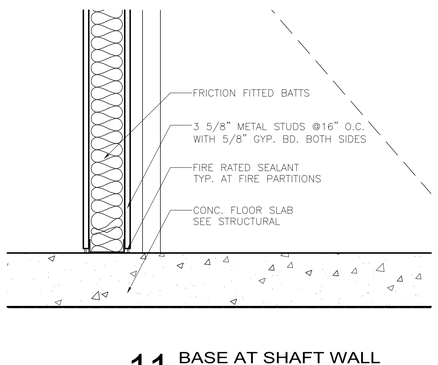
3 DETAIL @ PBB PORTAL
1 1/2" = 1'-0"



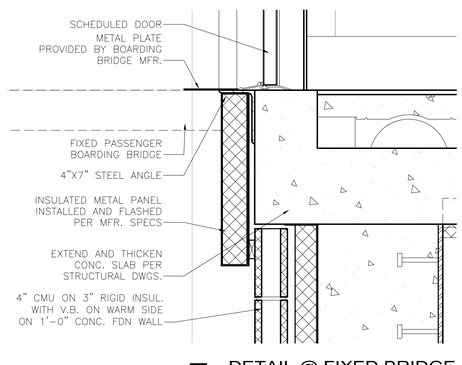
16 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



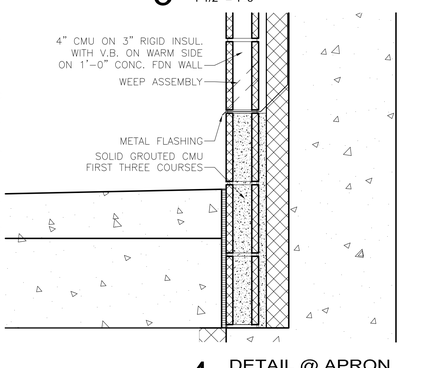
15 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



11 BASE AT SHAFT WALL
NOT TO SCALE



7 DETAIL @ FIXED BRIDGE
1 1/2" = 1'-0"



4 DETAIL @ APRON
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota

Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC/SBS
DRAWN BY: MG/MI
DESIGNED BY: TC/SBS

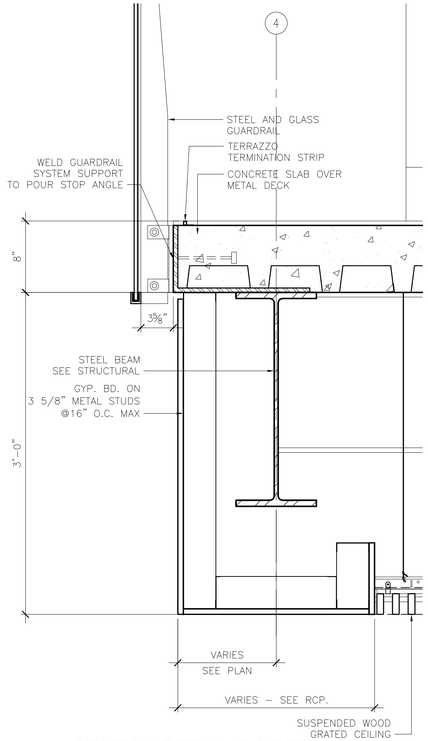
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

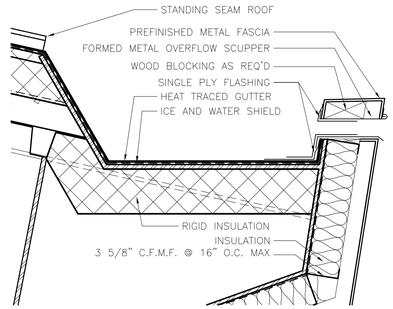
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
A521

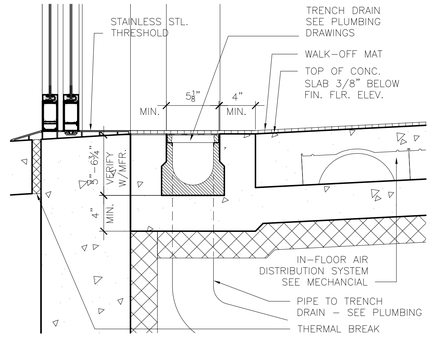
BID PACKAGE 2A ISSUED FOR BID



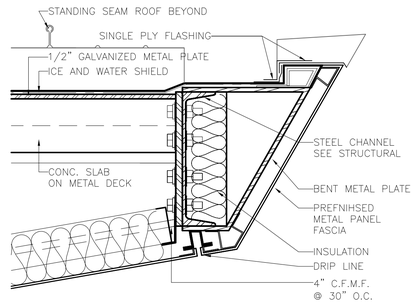
9 SECTION DETAIL @ MEZZANINE
1 1/2" = 1'-0"



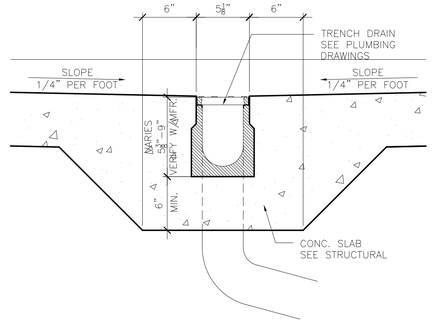
5 SCUPPER DETAIL @ EAST GUTTER
1 1/2" = 1'-0"



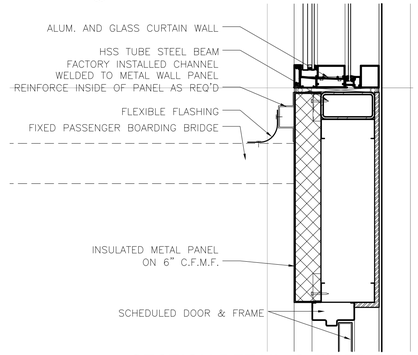
1 DETAIL @ VESTIBULE TRENCH DRAIN
1 1/2" = 1'-0"



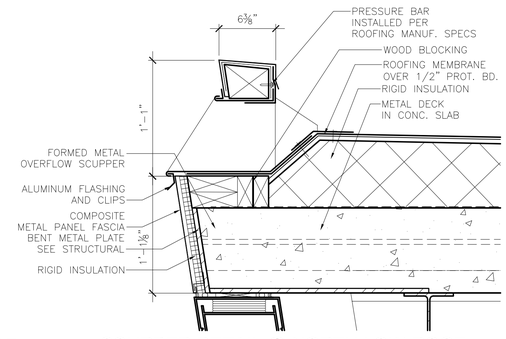
6 SCUPPER DETAIL @ SOUTH GUTTER
1 1/2" = 1'-0"



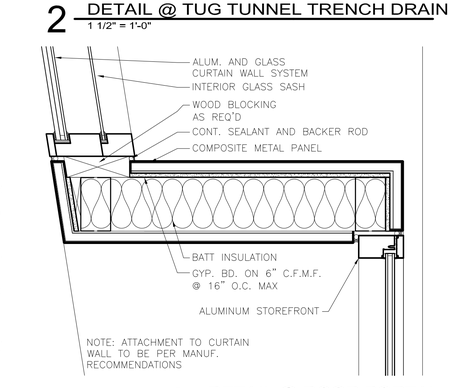
2 DETAIL @ TUG TUNNEL TRENCH DRAIN
1 1/2" = 1'-0"



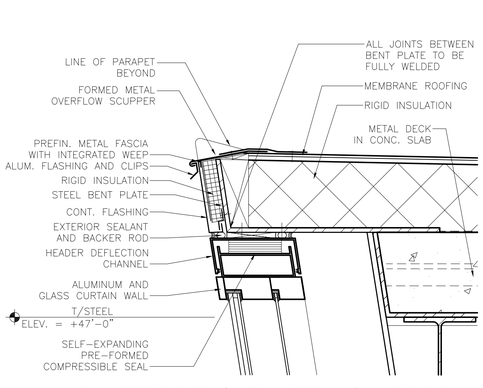
10 SECTION DETAIL @ FIXED BRIDGE
1 1/2" = 1'-0"



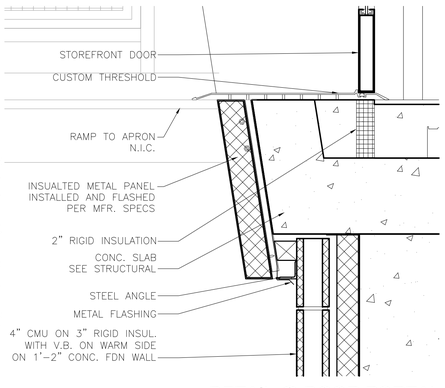
7 SCUPPER DETAIL @ NORTH LOW ROOF
1 1/2" = 1'-0"



3 DETAIL @ DOOR PORTAL
1 1/2" = 1'-0"



8 SCUPPER DETAIL @ NORTH HIGH ROOF
1 1/2" = 1'-0"



4 DETAIL @ DOOR PORTAL
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota

Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	9.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC/SBS
DRAWN BY: MG/MI
DESIGNED BY: TC/SBS

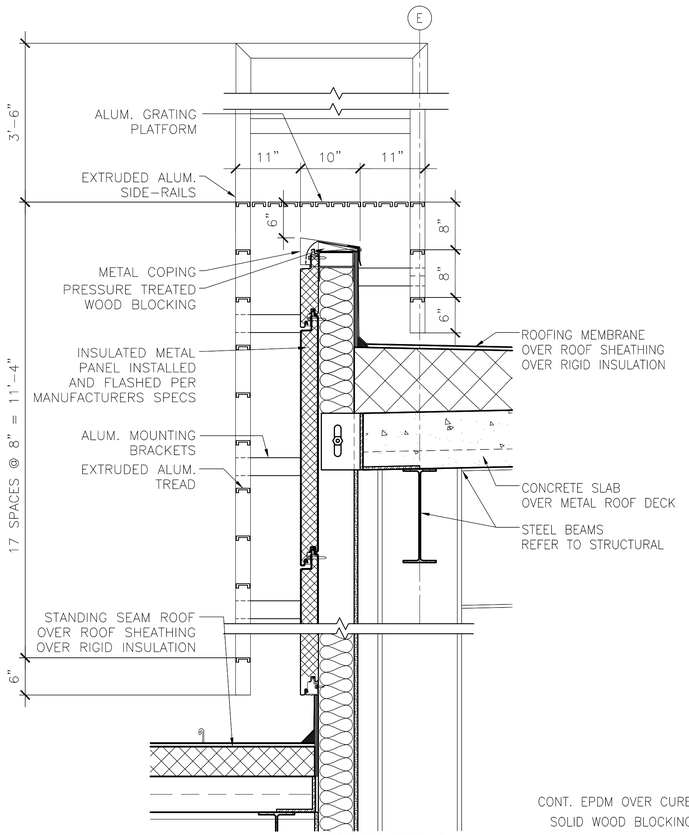
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

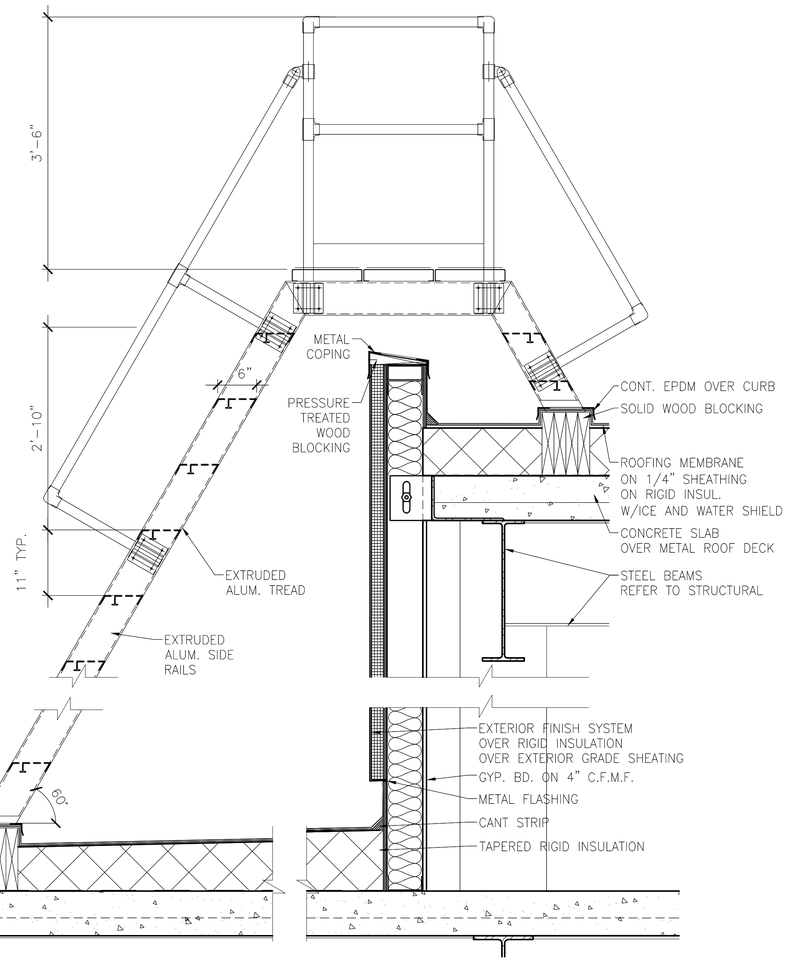
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
A522

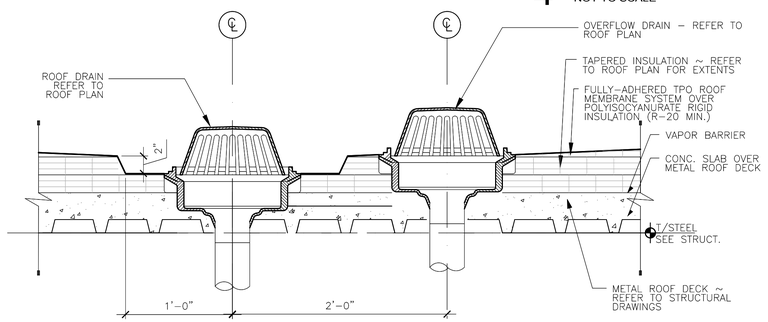
BID PACKAGE 2A ISSUED FOR BID



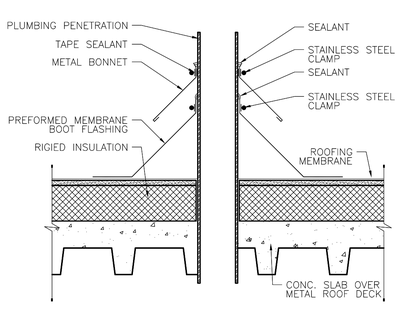
4 LADDER DETAIL
NOT TO SCALE



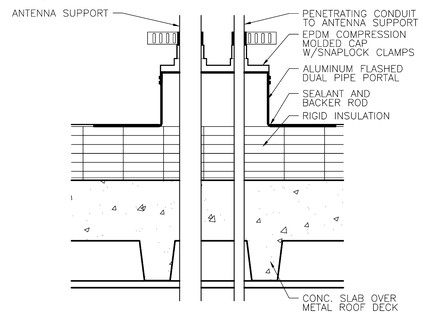
1 SHIPS LADDER DETAIL
1" = 1'-0"



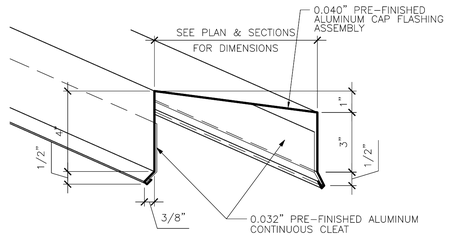
5 TYP. ROOF DRAIN DETAIL
NOT TO SCALE



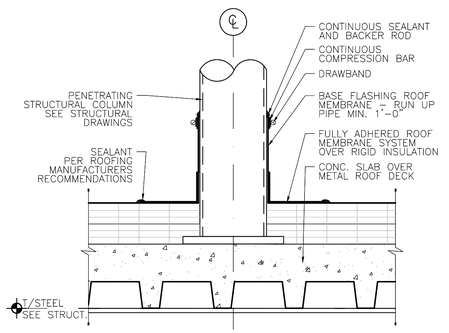
7 PLUMBING PENETRATION DETAIL
NOT TO SCALE



6 ANTENNA SUPPORT DETAIL
NOT TO SCALE



3 TYP. COPING DETAIL
NOT TO SCALE



2 ROOFTOP COLUMN DETAIL
NOT TO SCALE

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota

Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1,2,3	NOT CHANGED	
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

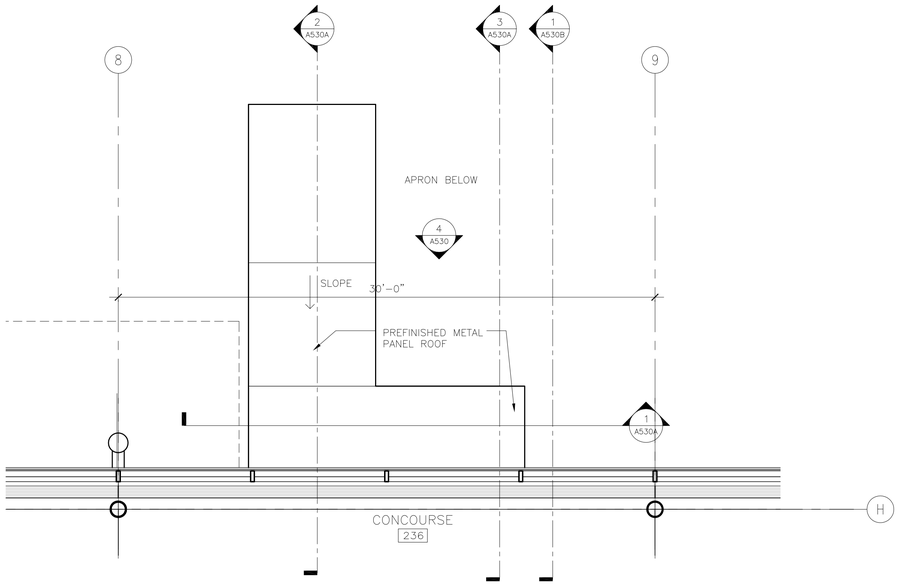
DATE ISSUED: 01-24-11
REVIEWED BY: TC/SBS
DRAWN BY: MG/MI
DESIGNED BY: TC/SBS

AEP PROJECT NUMBER
213-1882-091

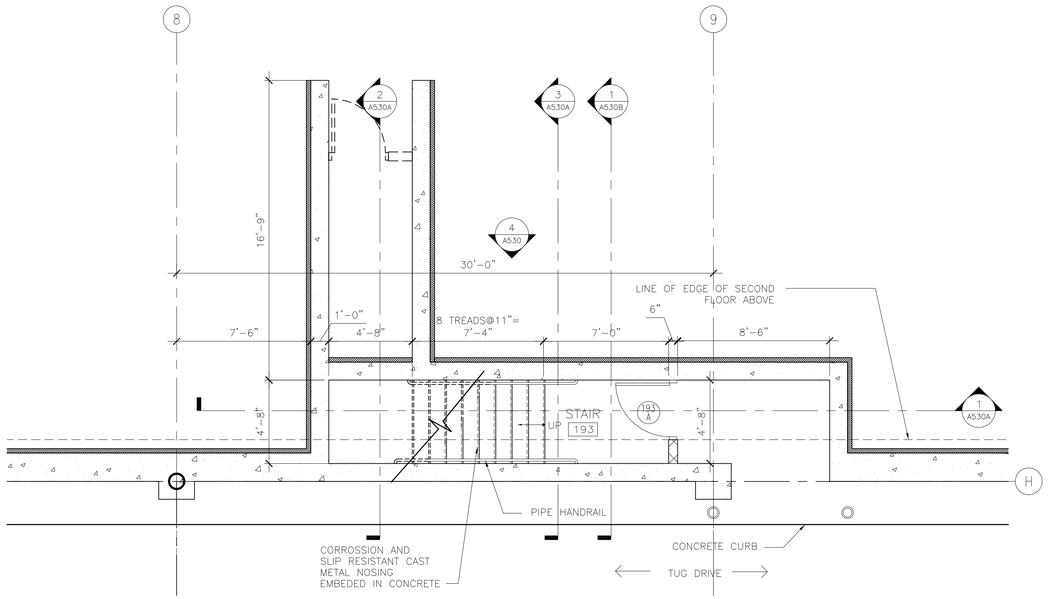
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
ROOF DETAILS

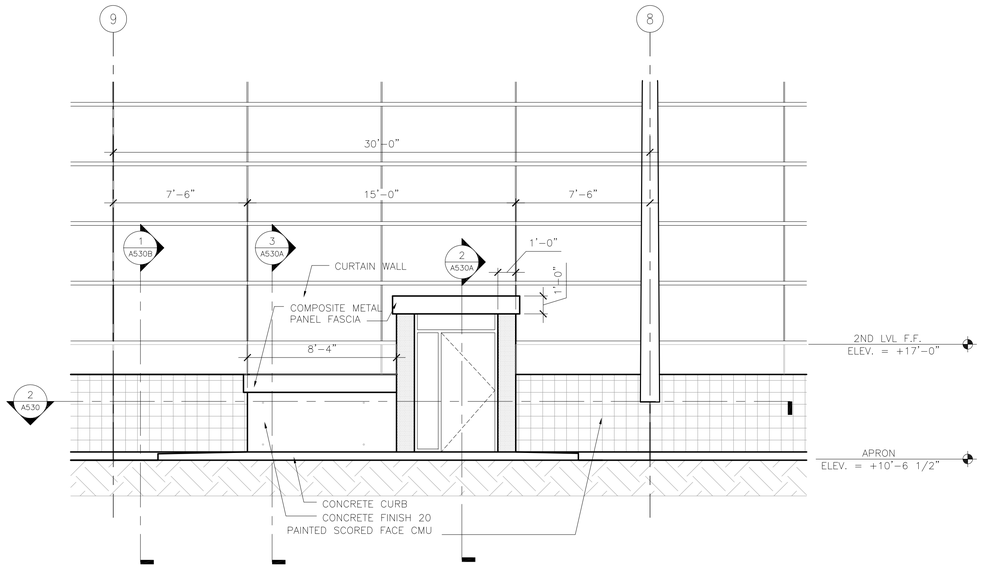
SHEET NUMBER
A523
OF
BID PACKAGE 2A ISSUED FOR BID



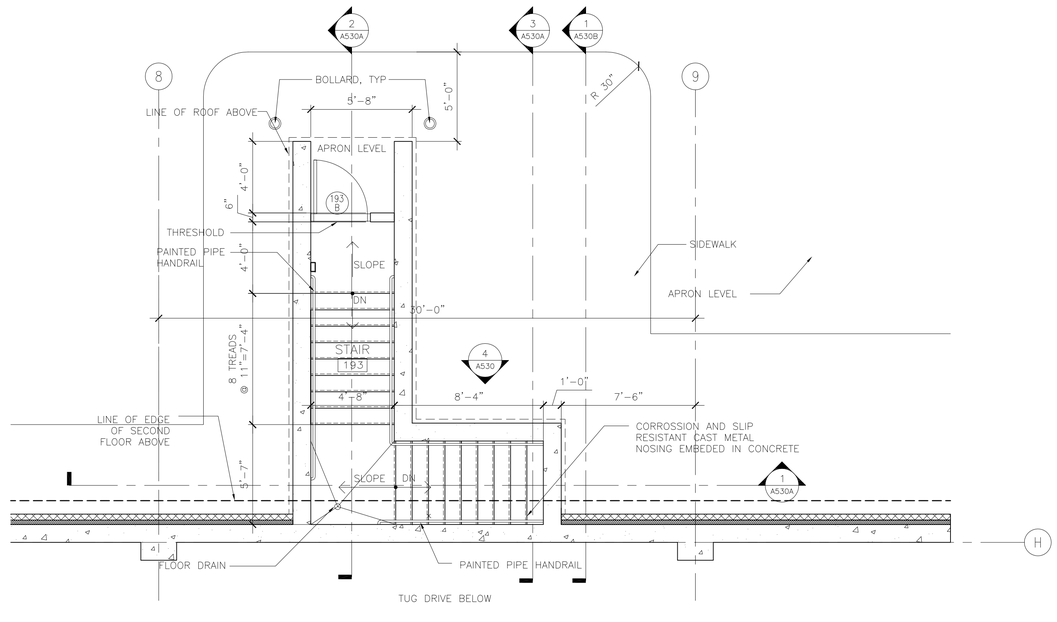
3 SECOND LEVEL PARTIAL FLOOR PLAN AND STAIR ROOF PLAN
1/4" = 1'-0"



1 STAIR PLAN @ FIRST LEVEL
1/4" = 1'-0"



4 PARTIAL NORTH ELEVATION
1/4" = 1'-0"



2 STAIR PLAN @ APRON LEVEL
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	9.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: SBS

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

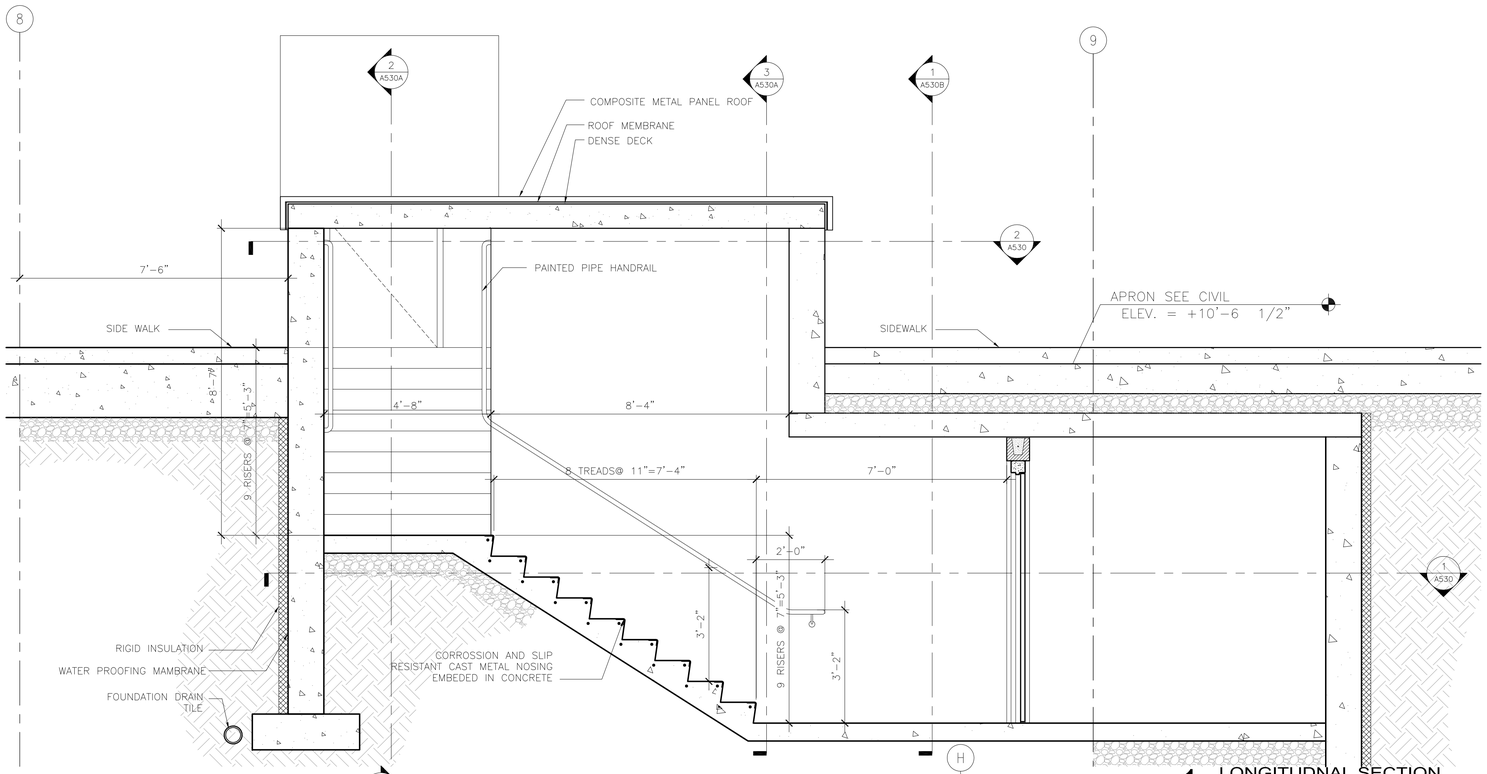
EXTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER

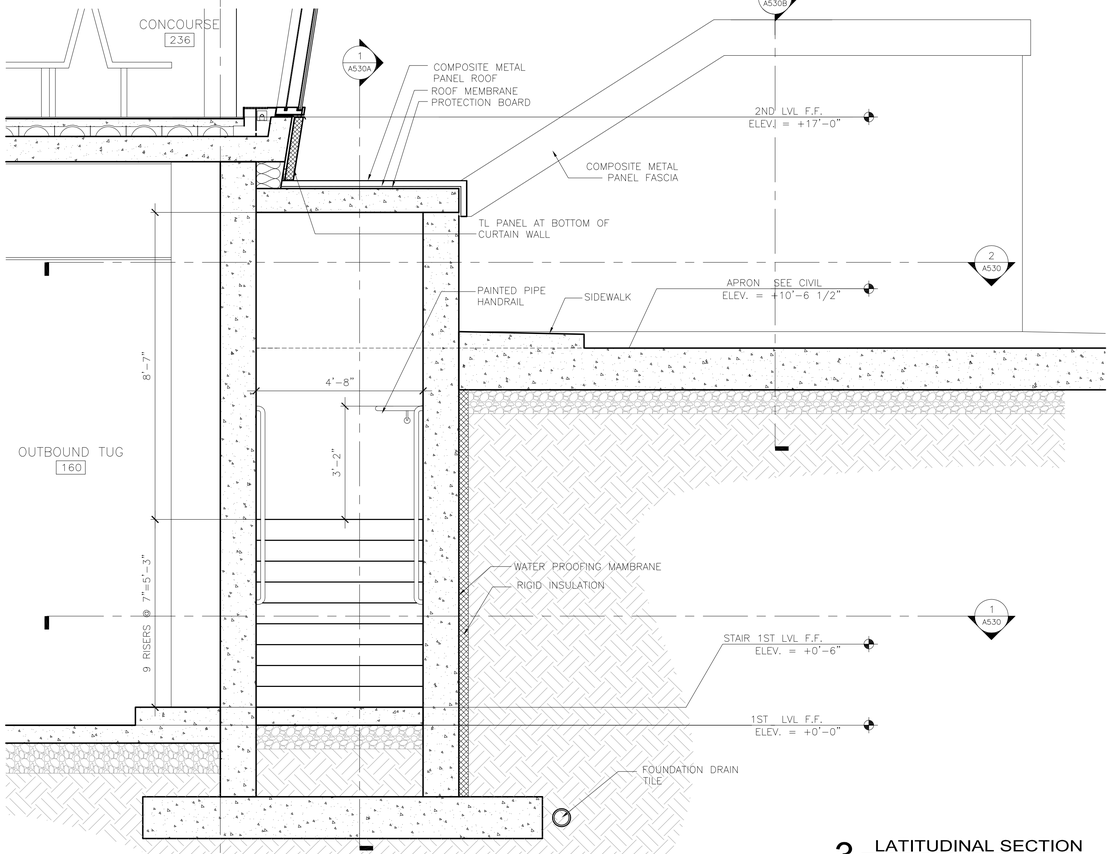
A530

BID PACKAGE 2A ISSUED FOR BID

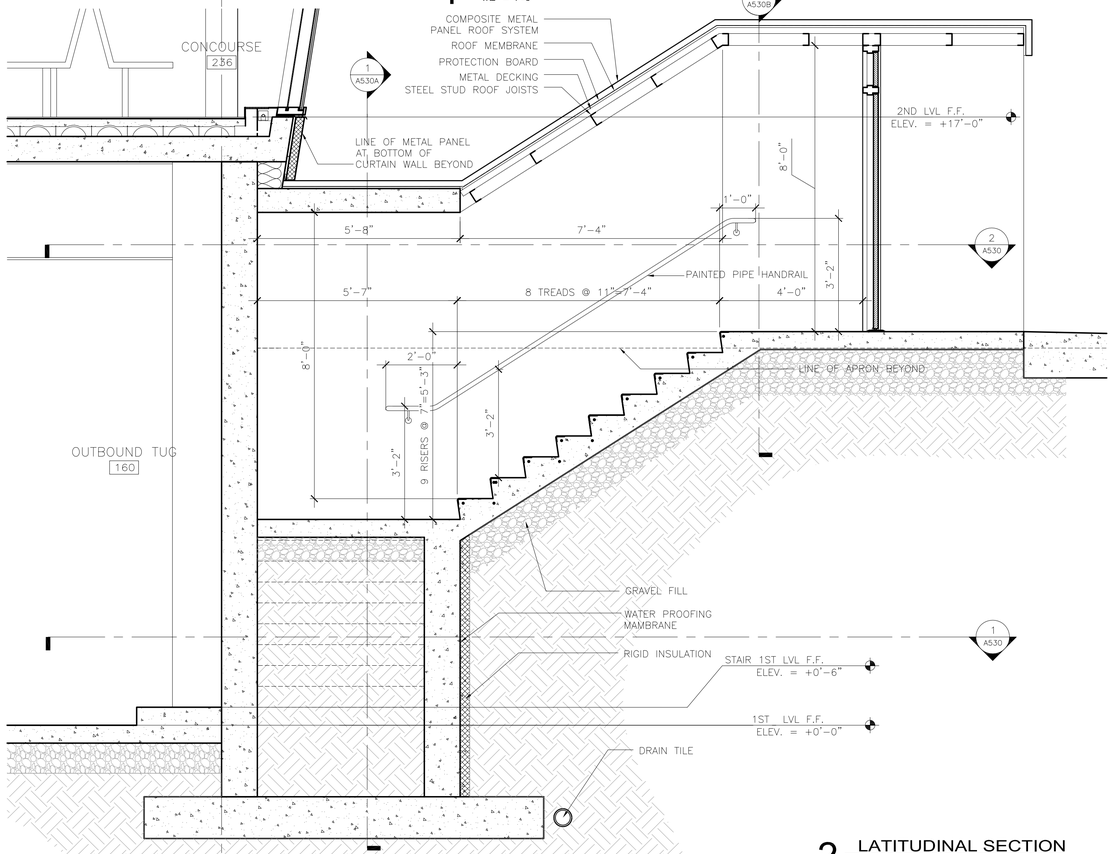
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A530 Exterior System Sheet-Vertical Circulation.dwg Plotted on: 1/28/2011 7:16 PM Plotted by: Ip, Mark



1 LONGITUDNAL SECTION
1/2" = 1'-0"



3 LATITUDNAL SECTION
1/2" = 1'-0"



2 LATITUDNAL SECTION
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: SBS

AEP PROJECT NUMBER
213-1882-091

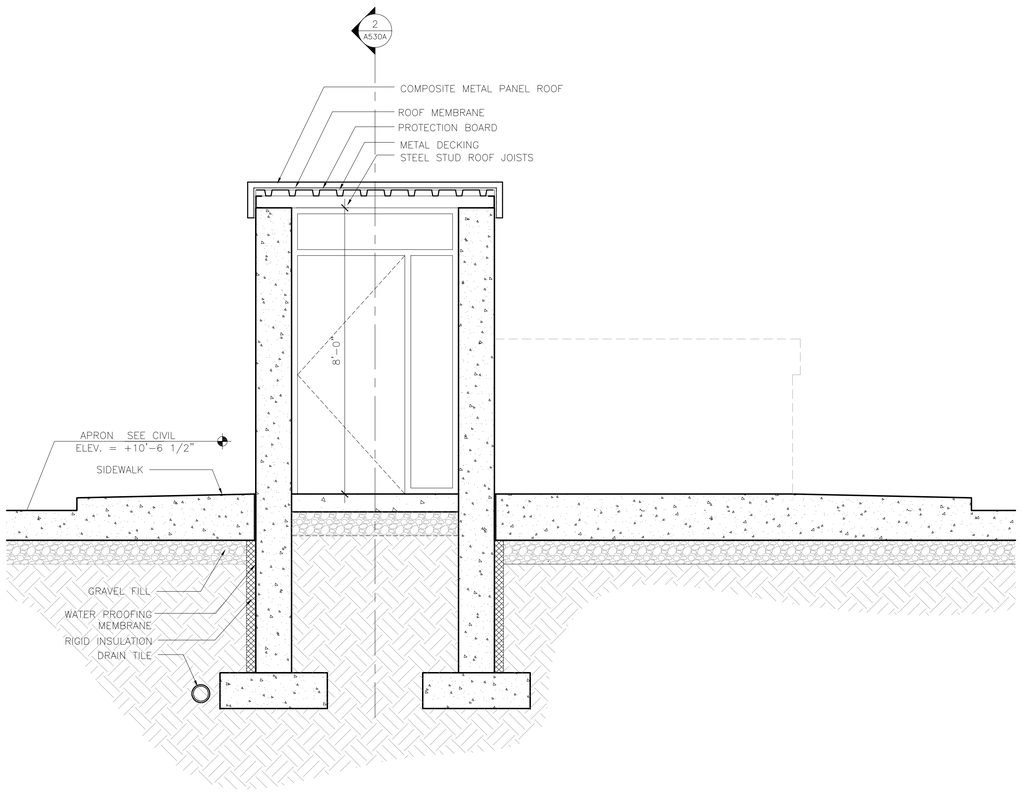
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEMS VERTICAL CIRCULATION

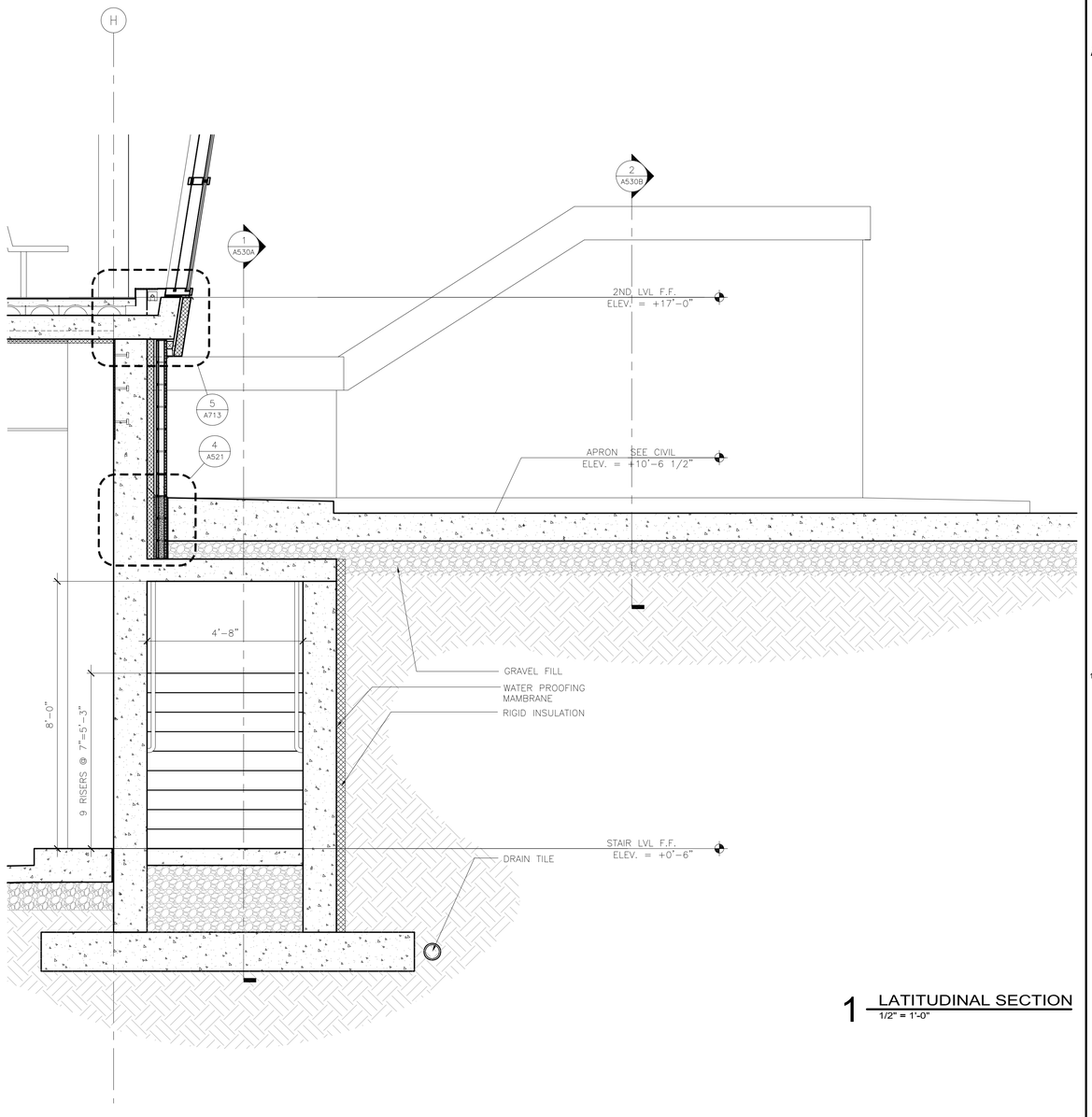
SHEET NUMBER
A530A

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\213188Z.091 Duluth New Terminal\Cad\A\Sheets\A530A Exterior System Sheet-Vertical Circulation.dwg Plotted on: 1/28/2011 7:19 PM Plotted by: lp, Mark



2 LONGITUDNAL SECTION
1/2" = 1'-0"



1 LATITUDINAL SECTION
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: SBS

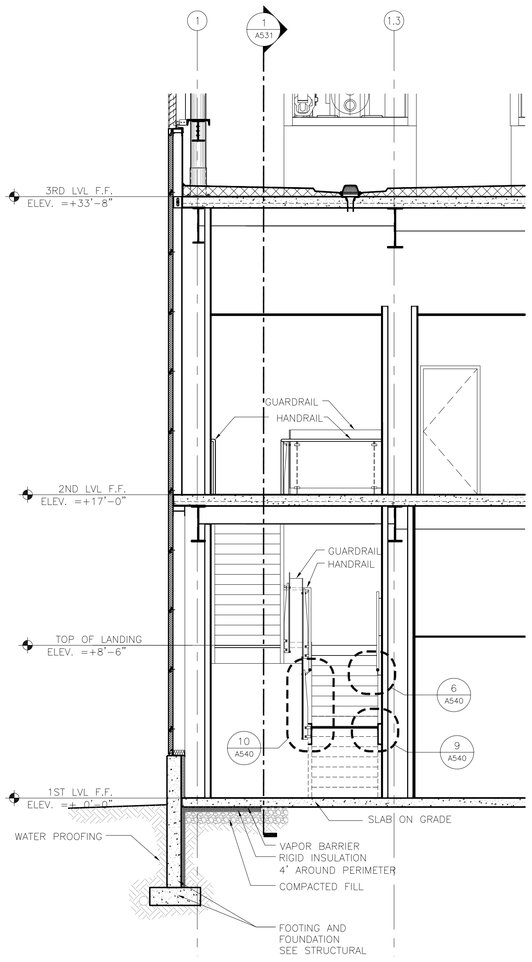
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

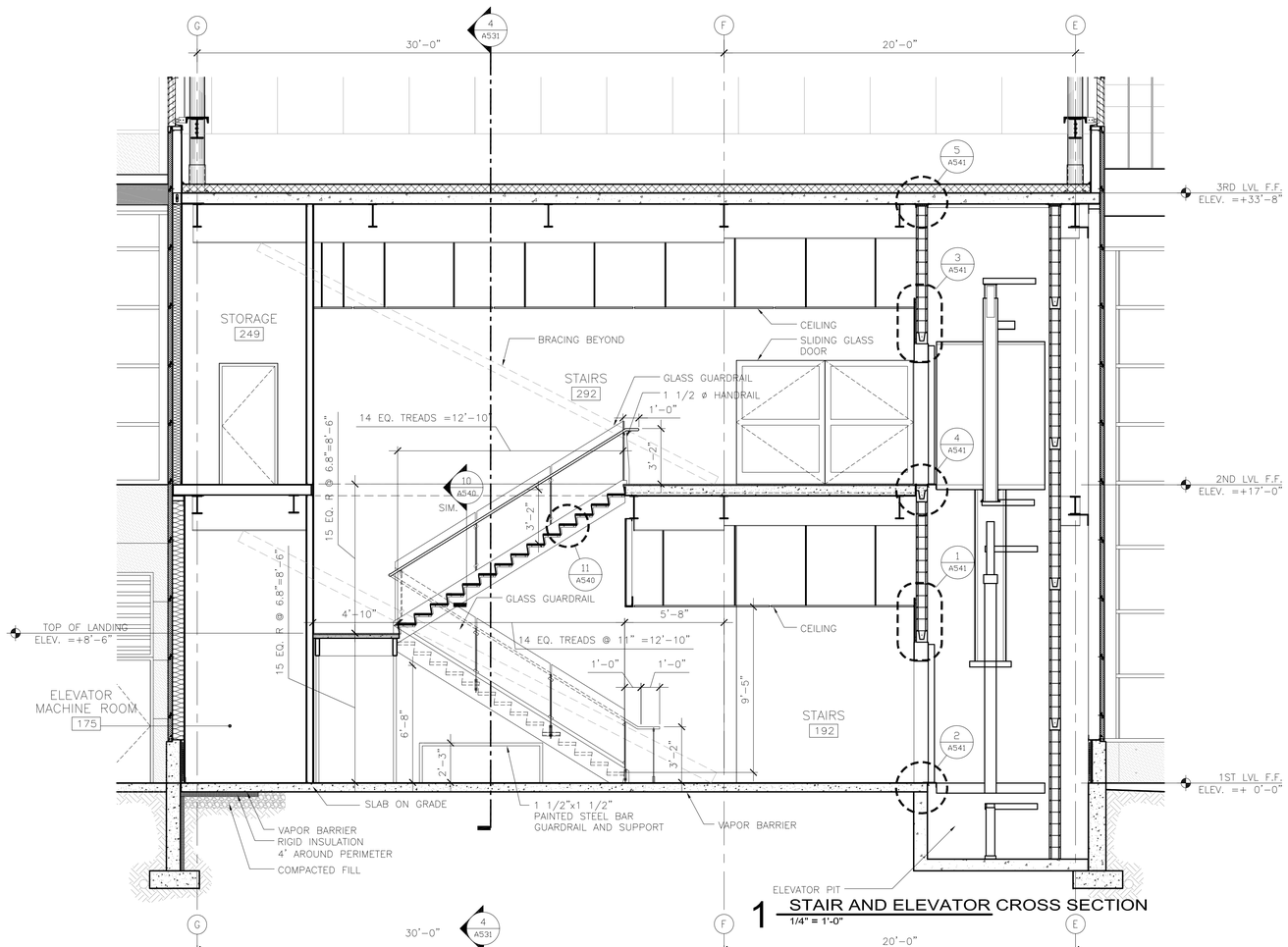
SHEET TITLE
EXTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER
A530B

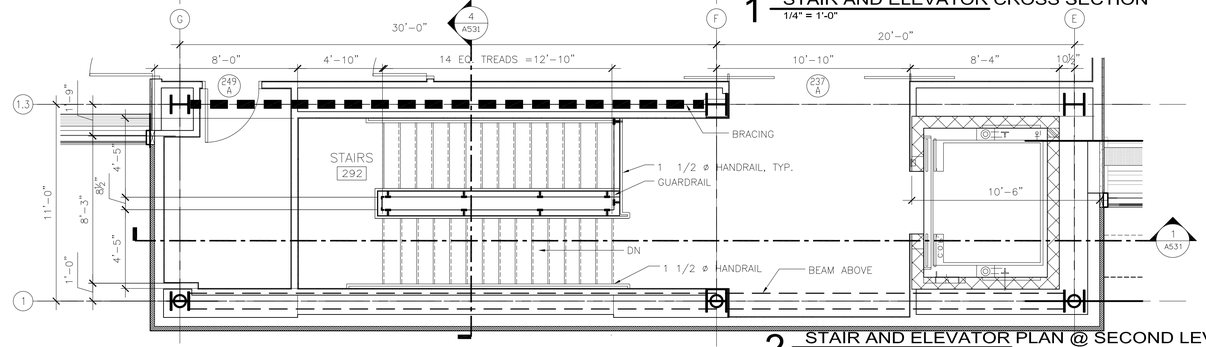
BID PACKAGE 2A ISSUED FOR BID



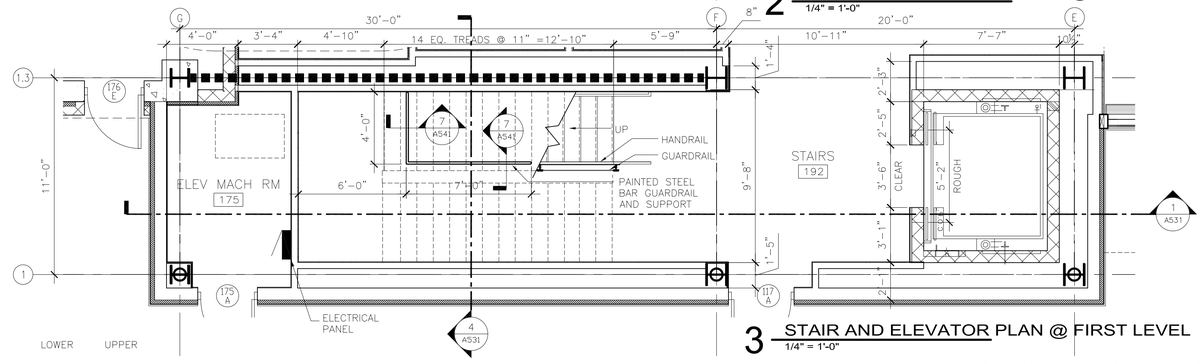
4 STAIR LONGITUDNAL SECTION
1/4" = 1'-0"



1 STAIR AND ELEVATOR CROSS SECTION
1/4" = 1'-0"



2 STAIR AND ELEVATOR PLAN @ SECOND LEVEL
1/4" = 1'-0"



3 STAIR AND ELEVATOR PLAN @ FIRST LEVEL
1/4" = 1'-0"

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: XX
DRAWN BY: XX
DESIGNED BY: XX

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 00-00-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

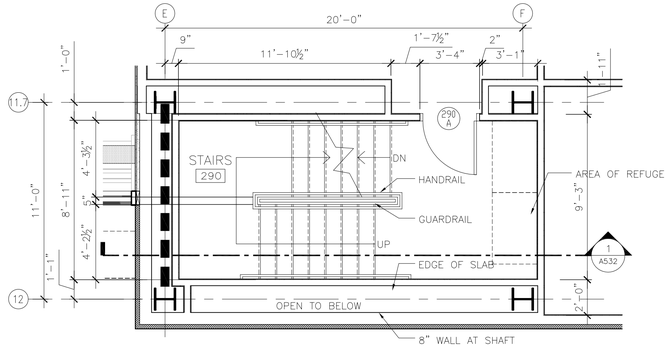
INTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER

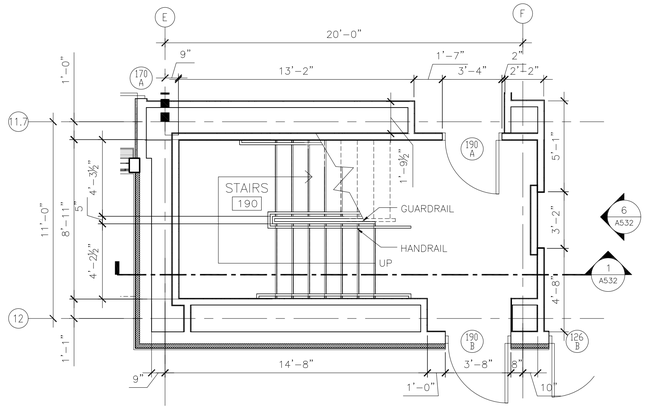
A531

BID PACKAGE 2A ISSUED FOR BID

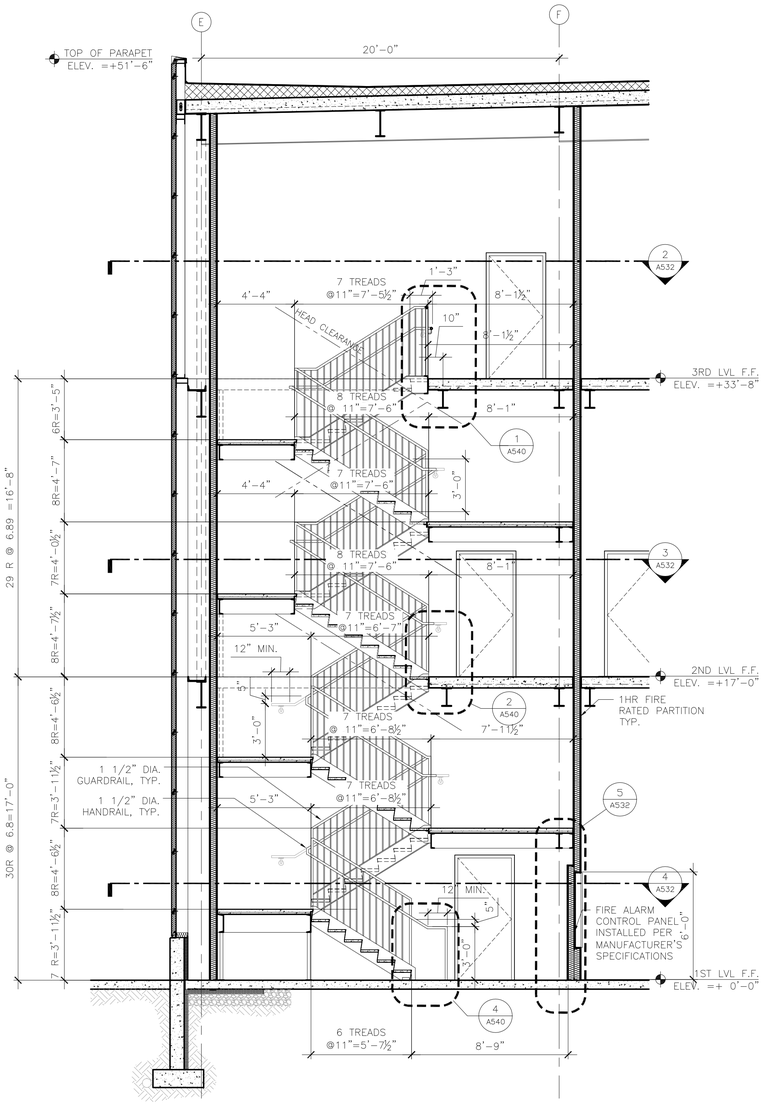
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A531 Interior System Sheet-Vertical Circulation.dwg Plotted on: 1/28/2011 7:27 PM Plotted by: ip, Mark



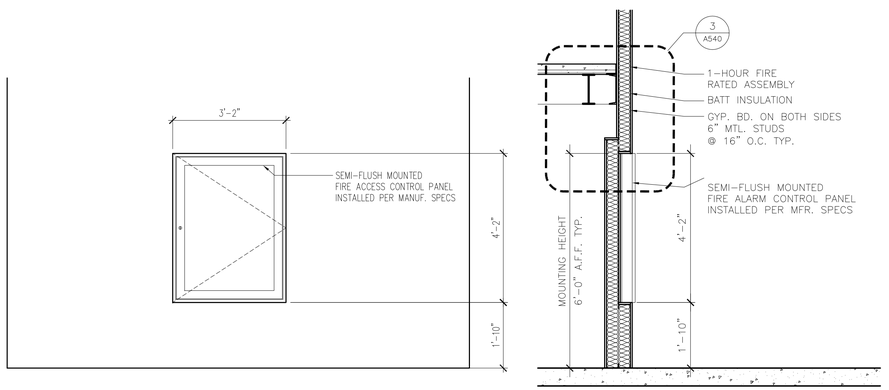
3 STAIR PLAN @ SECOND LEVEL
1/4" = 1'-0"



4 STAIR PLAN @ FIRST LEVEL
1/4" = 1'-0"

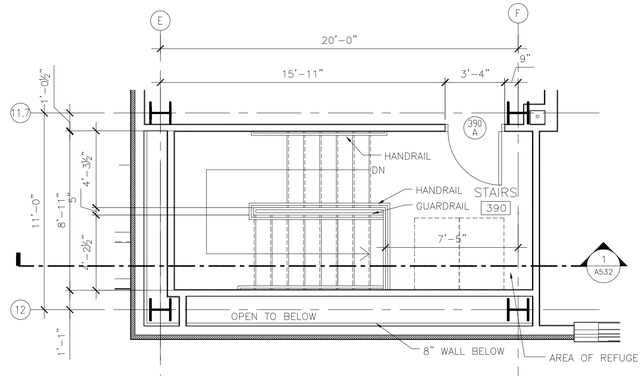


1 STAIR LONGITUDNAL SECTION
1/4" = 1'-0"



6 INTERIOR ELEVATION
1/2" = 1'-0"

5 WALL SECTION
1/2" = 1'-0"



2 STAIR PLAN @ THIRD LEVEL
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK/MIP
DESIGNED BY: TC/SBS

AEP PROJECT NUMBER
XXX.XXX **213-1882-091** 2011-01-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

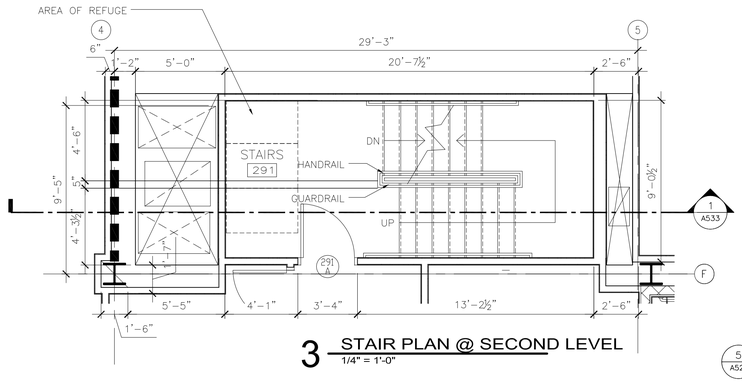
INTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER

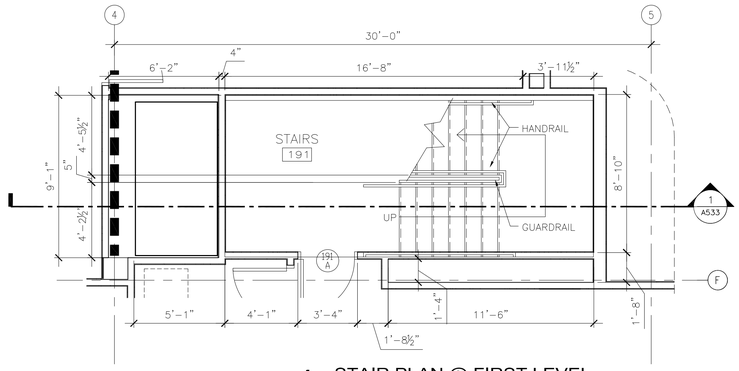
A532

BID PACKAGE 2A ISSUED FOR BID

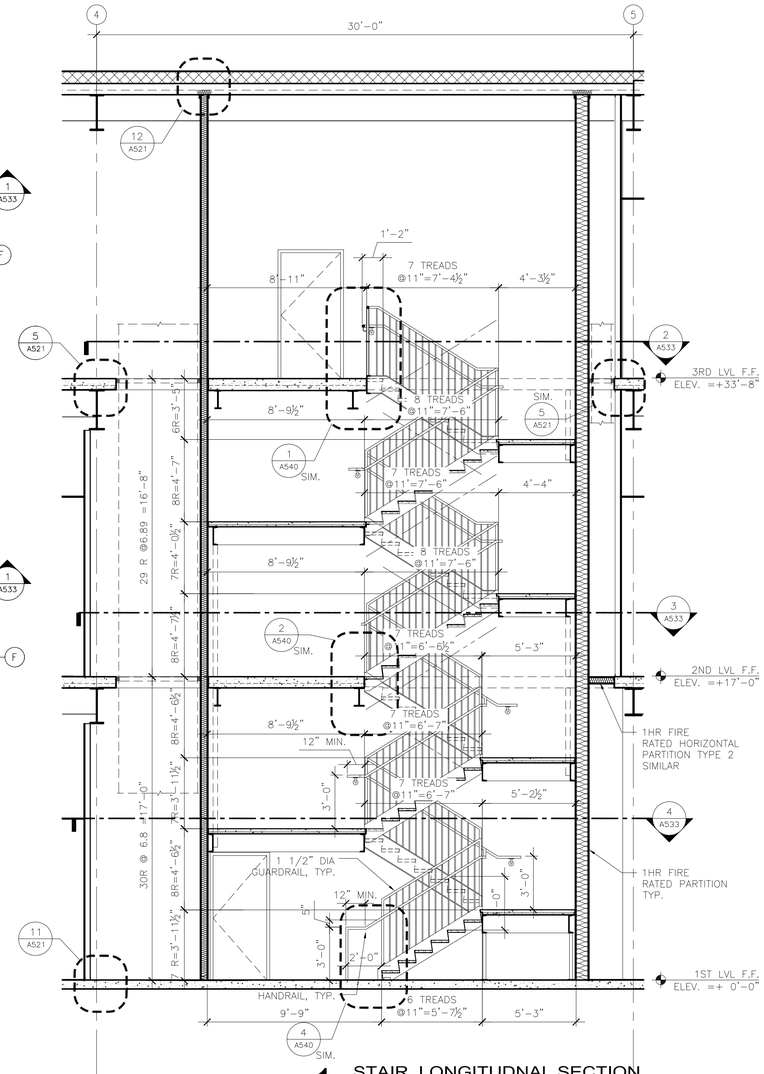
Drawing: t:\P\2131882.091 Duluth New Termina\Cad\A\Sheets\A532 Interior System Sheet-Vertical Circulation.dwg Plotted on: 1/28/2011 7:35 PM Plotted by: ip, Mark



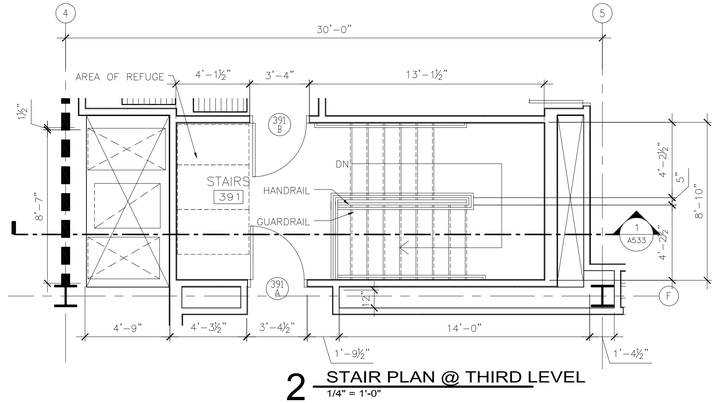
3 STAIR PLAN @ SECOND LEVEL
1/4" = 1'-0"



4 STAIR PLAN @ FIRST LEVEL
1/4" = 1'-0"



1 STAIR LONGITUDNAL SECTION
1/4" = 1'-0"



2 STAIR PLAN @ THIRD LEVEL
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MI/MK
DESIGNED BY: SBC/TC

AEP PROJECT NUMBER
213-1882-091
XXX.SWP 1/28/11-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

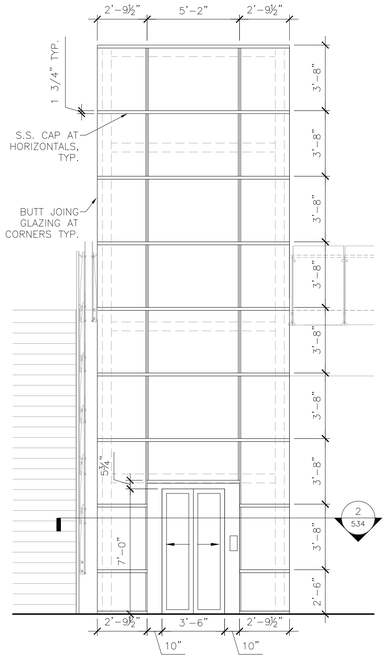
SHEET TITLE

INTERIOR SYSTEMS VERTICAL CIRCULATION

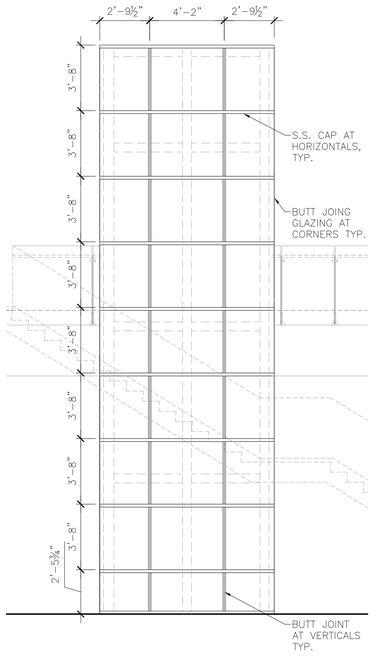
SHEET NUMBER

A533

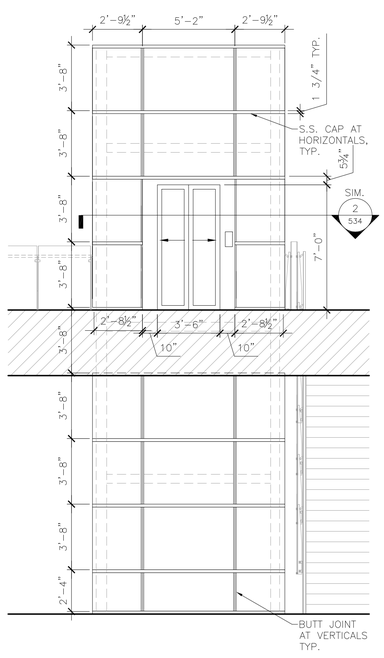
BID PACKAGE 2A ISSUED FOR BID



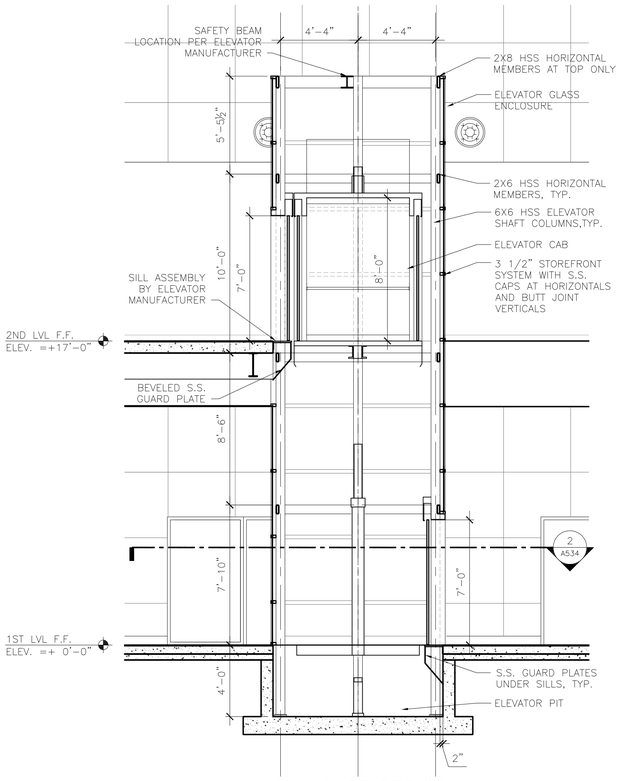
6 ELEVATOR EAST ELEVATION
1/4" = 1'-0"



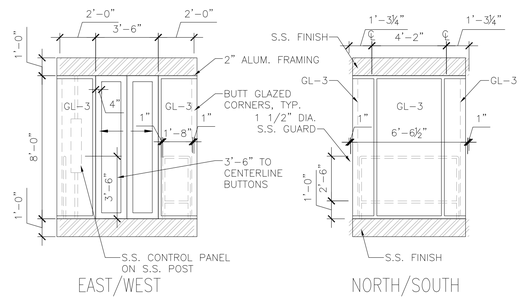
5 ELEVATOR SOUTH ELEVATION
1/4" = 1'-0"



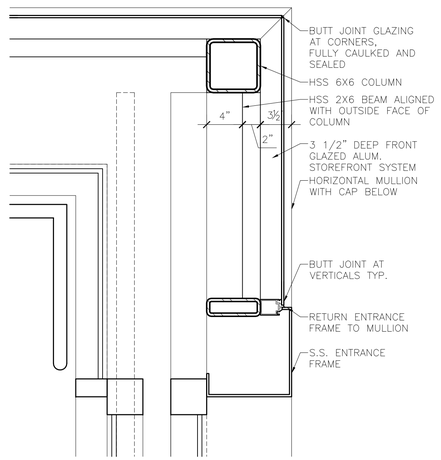
3 ELEVATOR WEST ELEVATION
1/4" = 1'-0"



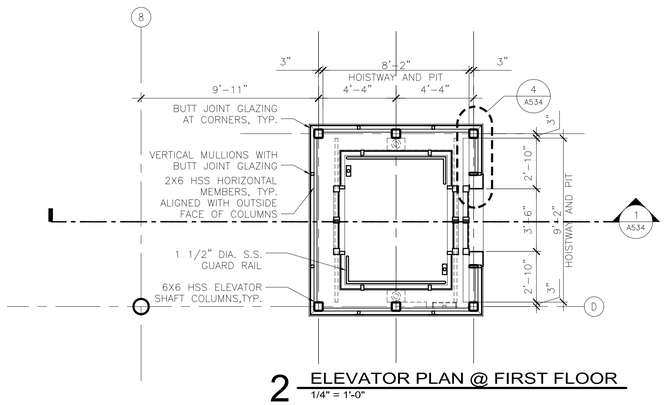
1 ELEVATOR SECTION
1/4" = 1'-0"



7 ELEVATOR CAB ELEVATIONS
1/4" = 1'-0"



4 DETAIL AT JAMB
1 1/2" = 1'-0"



2 ELEVATOR PLAN @ FIRST FLOOR
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK/MP
DESIGNED BY: TC

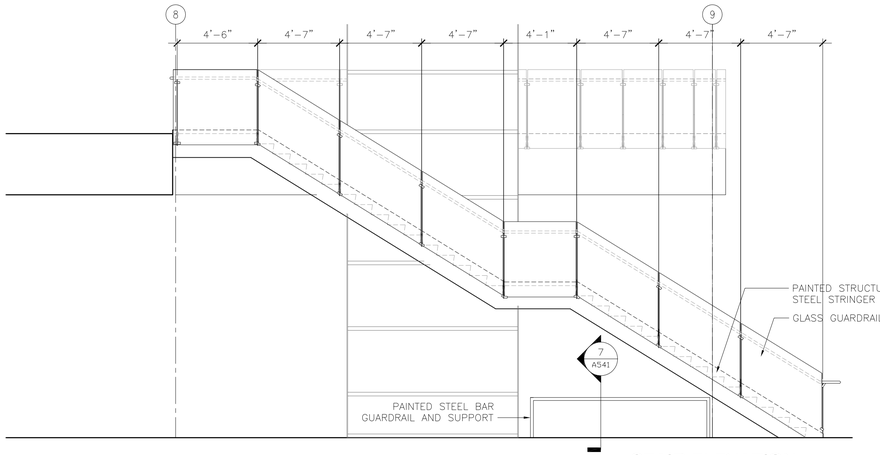
AEP PROJECT NUMBER
213-1882-091
XXX.DWG XX-XX-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

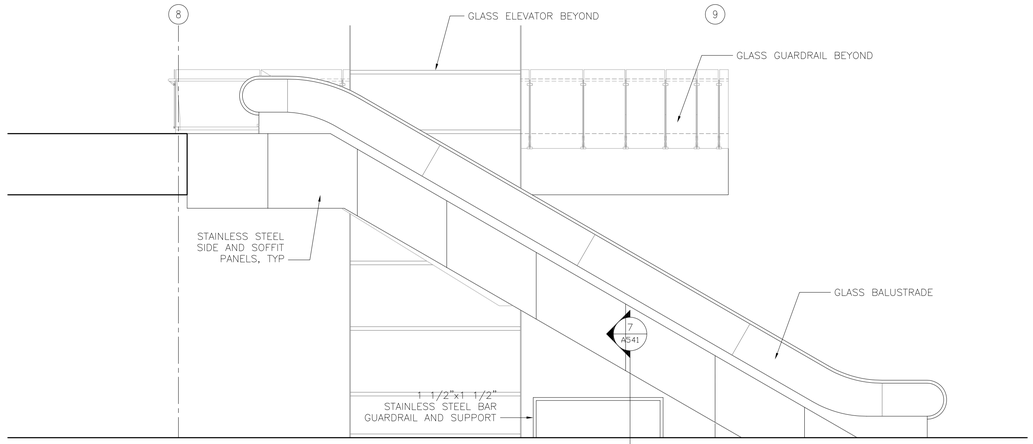
SHEET TITLE
INTERIOR SYSTEM SHEET MAIN ELEVATOR

SHEET NUMBER
A534

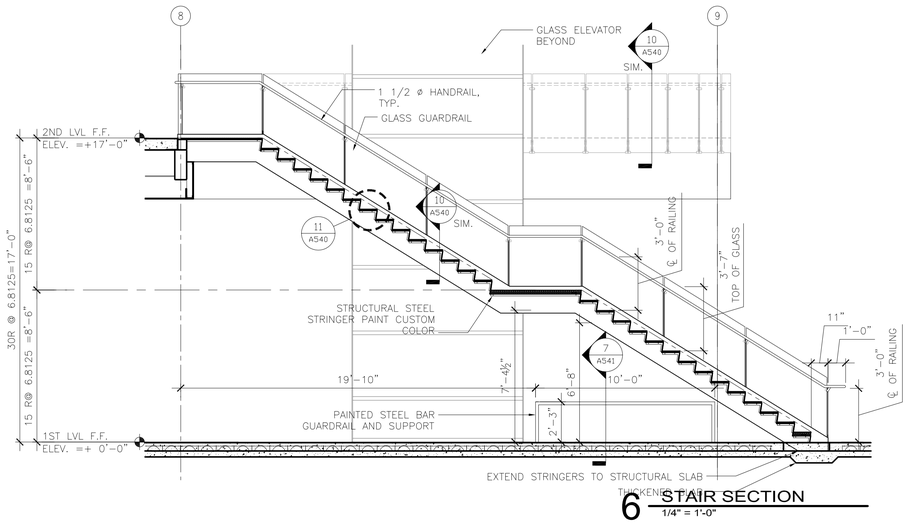
BID PACKAGE 2A ISSUED FOR BID



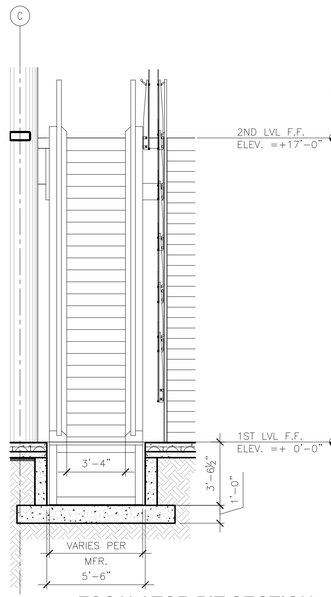
5 STAIR ELEVATION
1/4" = 1'-0"



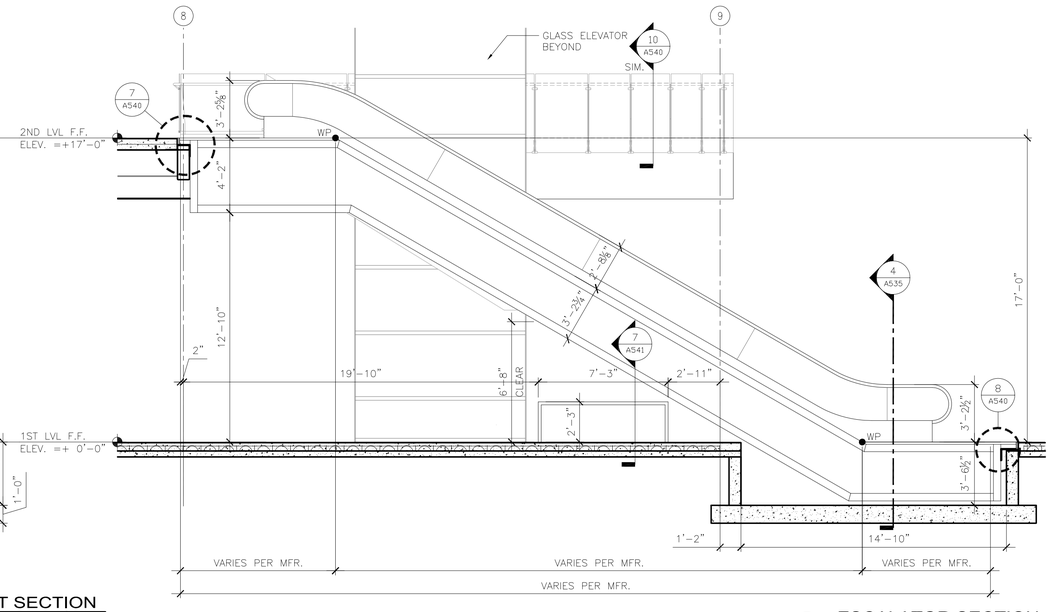
1 ESCALATOR ELEVATION
1/4" = 1'-0"



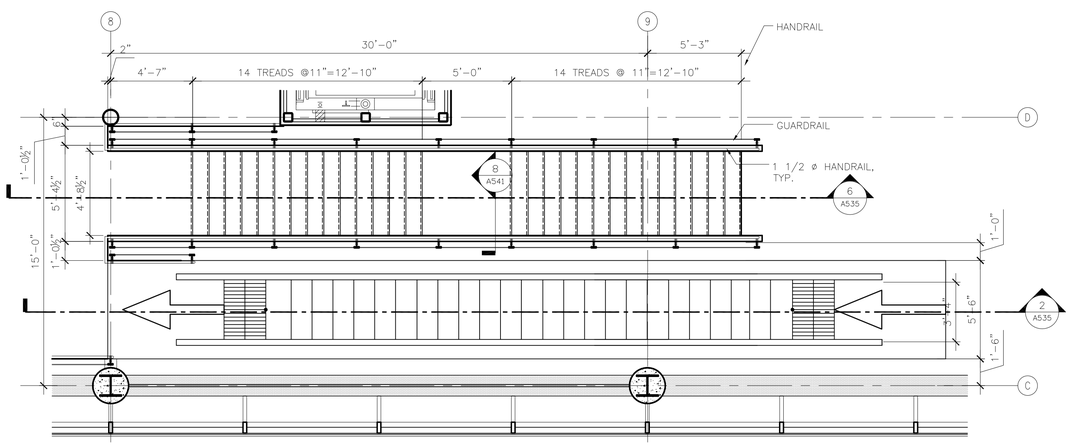
6 STAIR SECTION
1/4" = 1'-0"



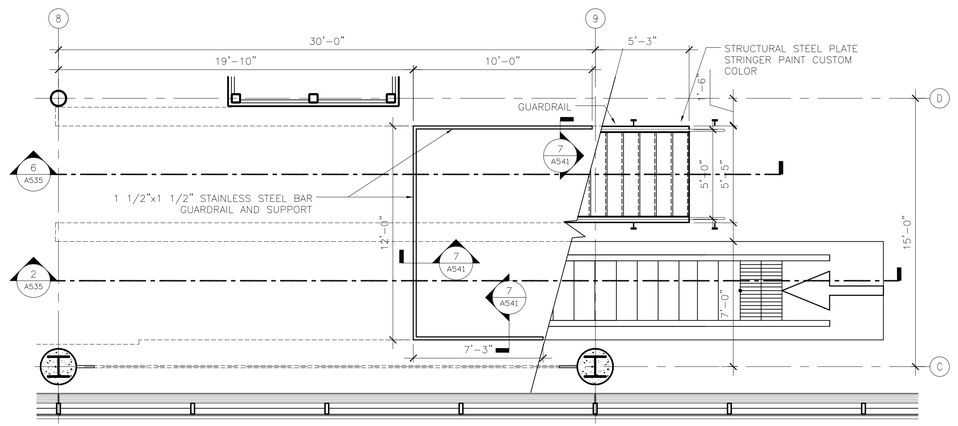
4 ESCALATOR PIT SECTION
1/4" = 1'-0"



2 ESCALATOR SECTION
1/4" = 1'-0"



7 CIRCULATION PLAN @ SECOND LEVEL
1/4" = 1'-0"



3 CIRCULATION PLAN @ FIRST LEVEL
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK/MP
DESIGNED BY: TC

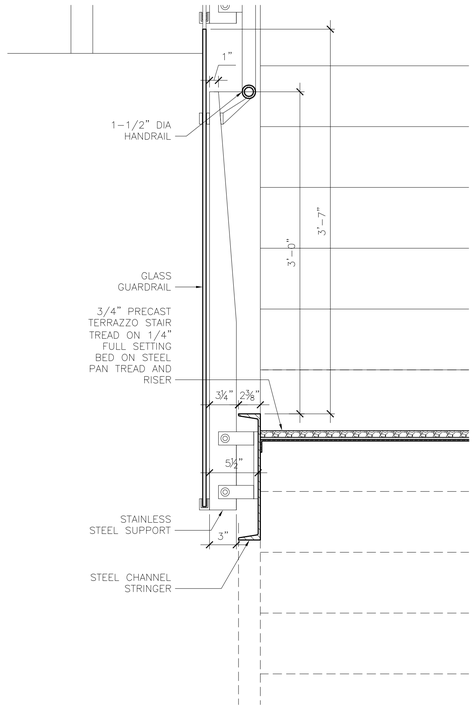
AEP PROJECT NUMBER
213-1882-091
XXX.DWG XX/XX/XX-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

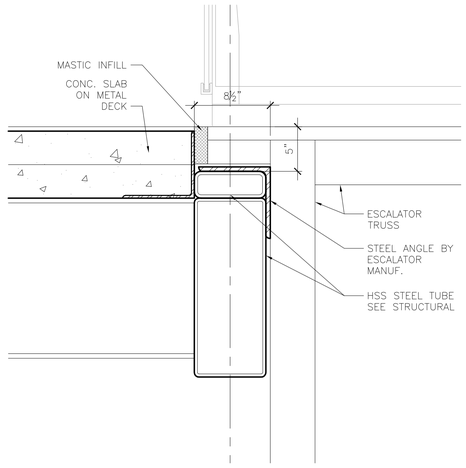
SHEET TITLE
INTERIOR SYSTEM SHEET MAIN STAIR

SHEET NUMBER
A535

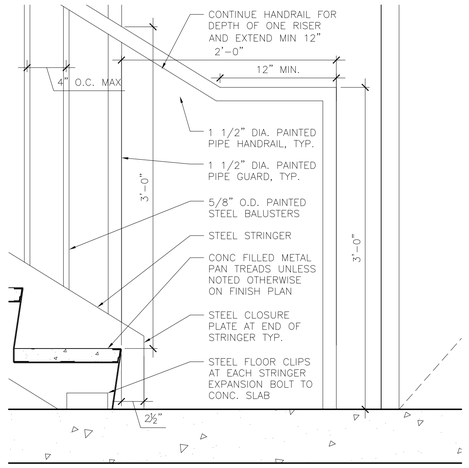
BID PACKAGE 2A ISSUED FOR BID



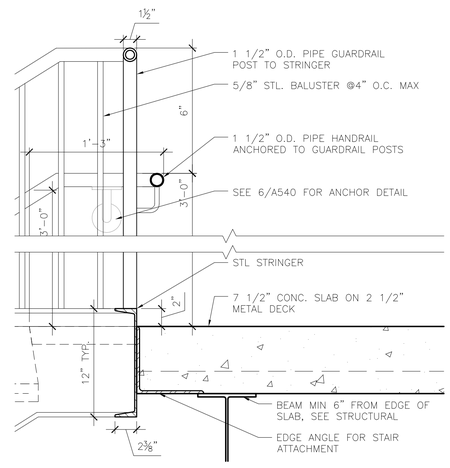
10 STAIR STRINGER DETAIL
1 1/2" = 1'-0"



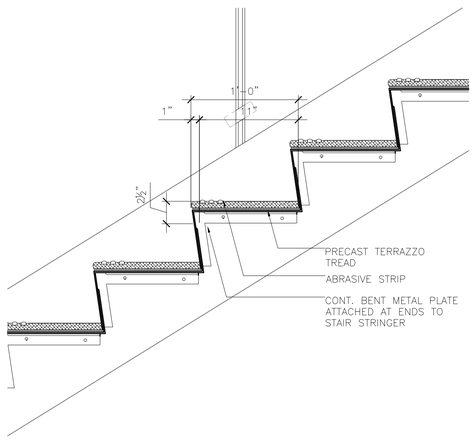
7 ESCALATOR TOP SUPPORT DETAIL
1 1/2" = 1'-0"



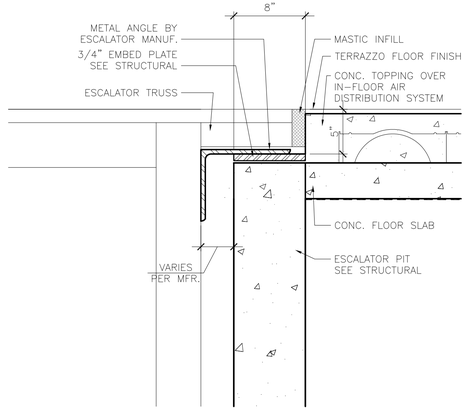
4 STAIR STRINGER @ FIRST LEVEL
1 1/2" = 1'-0"



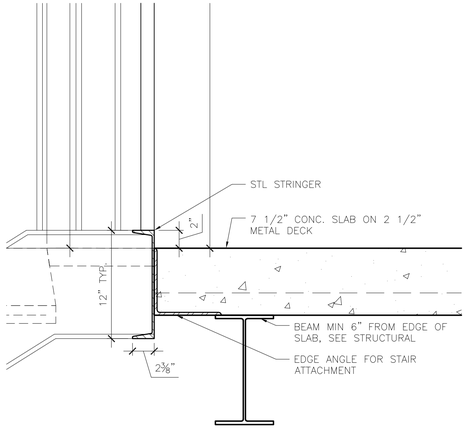
1 DETAIL AT TOP LANDING
1 1/2" = 1'-0"



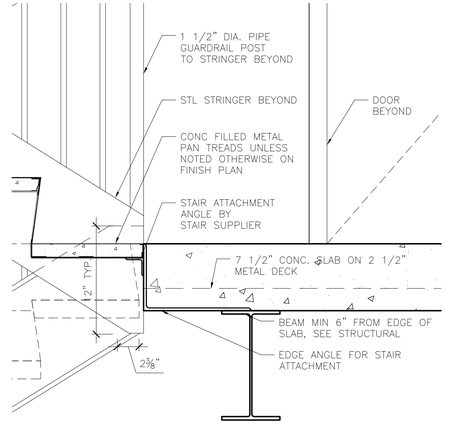
11 TYP. TERRAZZO TREAD
1 1/2" = 1'-0"



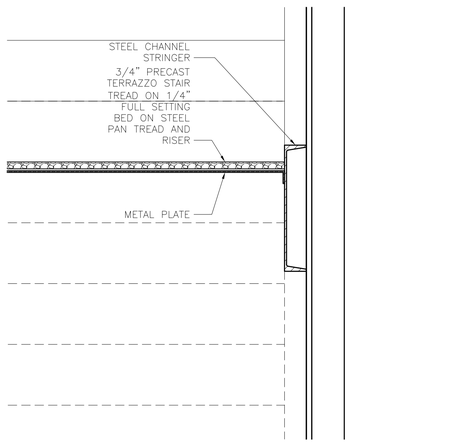
8 ESCALATOR BOTTOM SUPPORT DETAIL
1 1/2" = 1'-0"



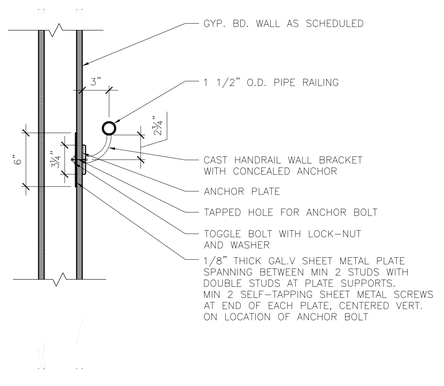
5 RAIL TERMINATION DETAIL
1 1/2" = 1'-0"



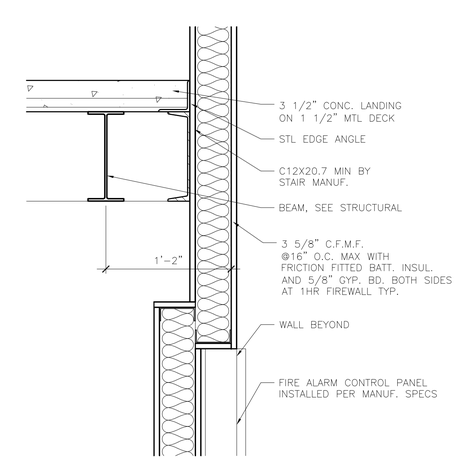
2 DETAIL AT INTERMEDIATE LANDING
1 1/2" = 1'-0"



9 STAIR STRINGER DETAIL
1 1/2" = 1'-0"



6 HANDRAIL DETAIL AT GYP. BD.
1 1/2" = 1'-0"



3 DETAIL AT FIRE ALARM ALCOVE
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: XX
DRAWN BY: XX
DESIGNED BY: XX

AEP PROJECT NUMBER
XXX.DWG **213-1882-091** XX-XX-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

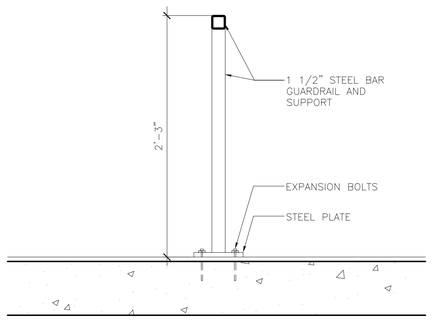
SHEET TITLE

VERTICAL CIRCULATION DETAILS

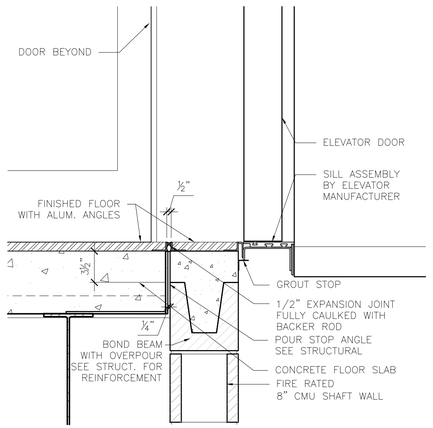
SHEET NUMBER

A540

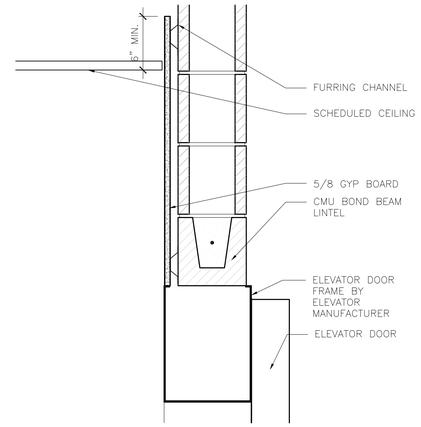
BID PACKAGE 2A ISSUED FOR BID



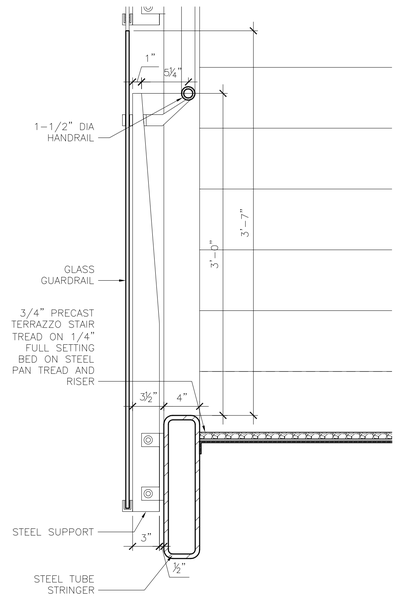
7 SECTION DETAIL AT GUARDRAIL
1 1/2" = 1'-0"



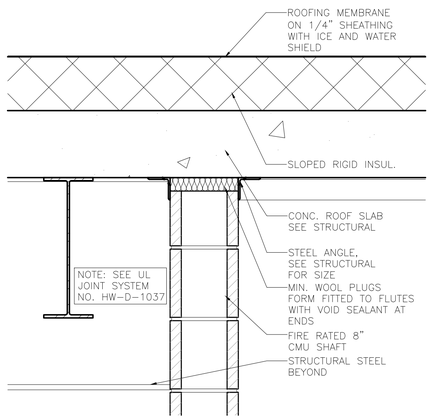
4 TYP. ELEVATOR SILL DETAIL AT UPPER LEVELS
1 1/2" = 1'-0"



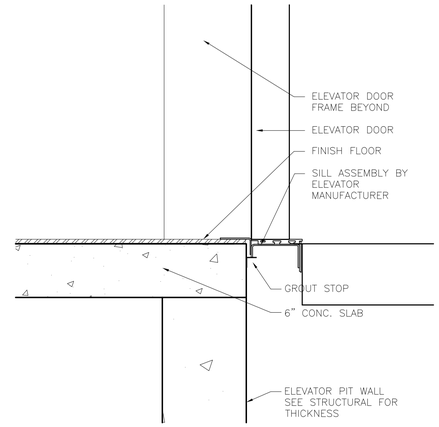
1 ELEVATOR HEAD DETAIL AT FIRST LEVEL
1 1/2" = 1'-0"



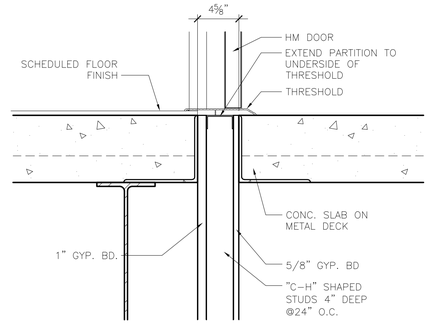
8 SECTION DETAIL AT MAIN STAIR
1 1/2" = 1'-0"



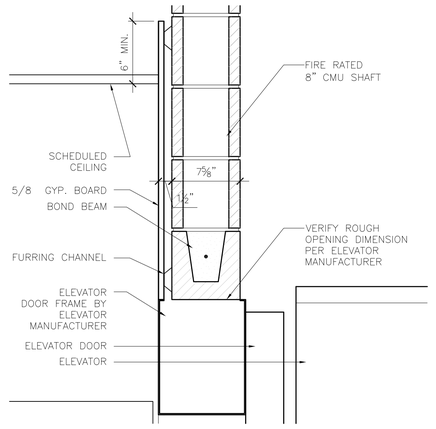
5 ELEVATOR SHAFT HEAD DETAIL
1 1/2" = 1'-0"



2 ELEVATOR SILL DETAIL AT FIRST LEVEL
1 1/2" = 1'-0"



6 TYPICAL DETAIL AT STAIR SHAFT DOOR
1 1/2" = 1'-0"



3 ELEVATOR HEAD DETAIL AT SECOND LEVEL
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1,2,3	NOT CHANGED	
4	BUILDING PERMIT REVISIONS	11.12.10
5	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

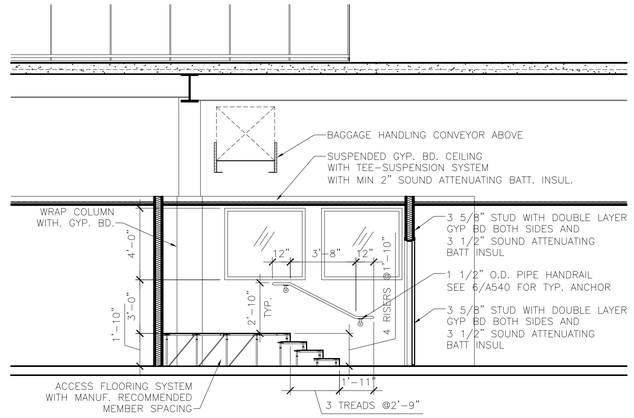
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
VERTICAL CIRCULATION DETAILS

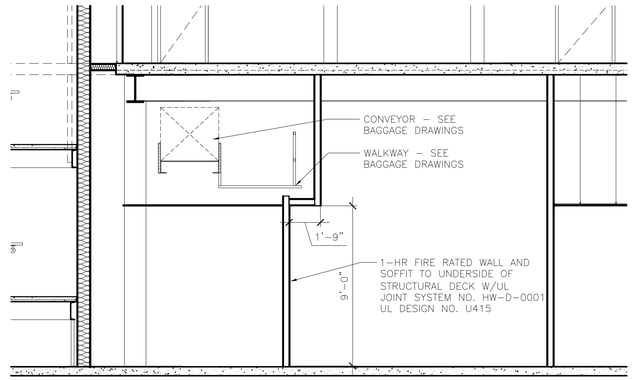
SHEET NUMBER
A541

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A541 Vertical Circulation Details.dwg Plotted on: 1/28/2011 7:56 PM Plotted by: lp, Mark



1 SECTION AT RM 163 ACCESS FLOOR STAIR
1/4" = 1'-0"



2 SECTION AT RM 149 FIRE RATED SOFFIT
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MK/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

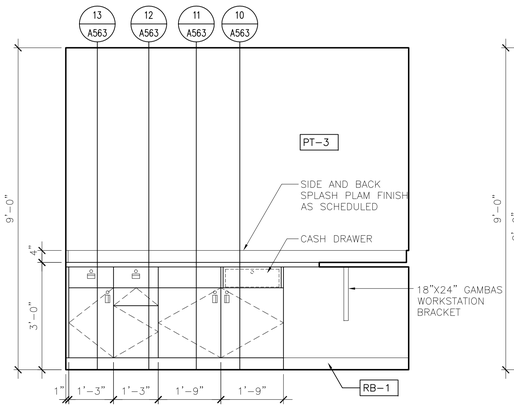
SHEET TITLE

MISC. SECTION DETAILS

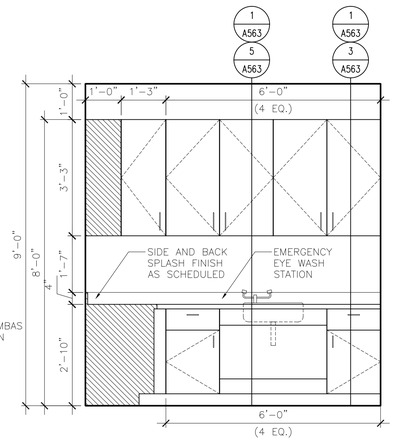
SHEET NUMBER

A542

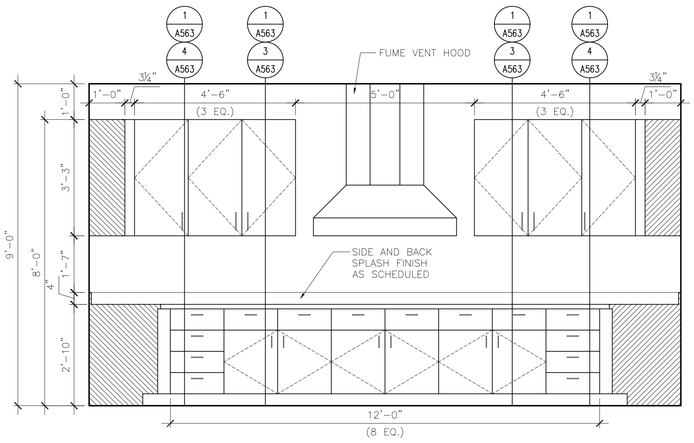
BID PACKAGE 2A ISSUED FOR BID



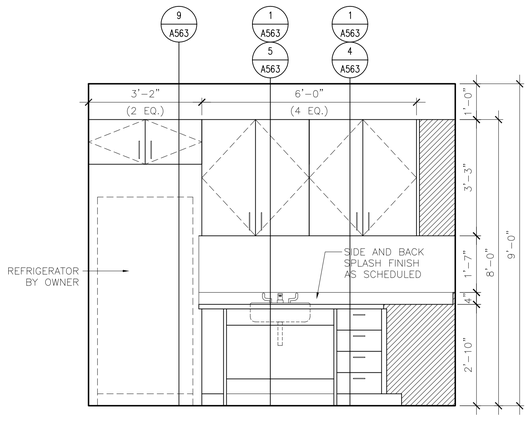
4 CASHIER ELEVATION (RM 181)
1/2" = 1'-0"



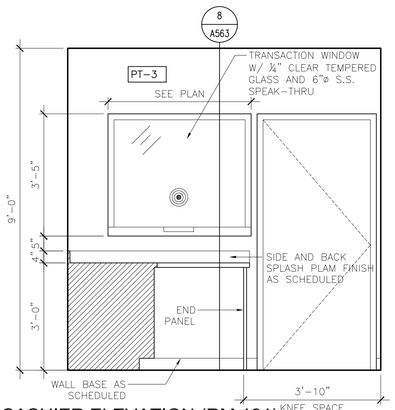
3 AG. LAB ELEVATION (RM 160)
1/2" = 1'-0"



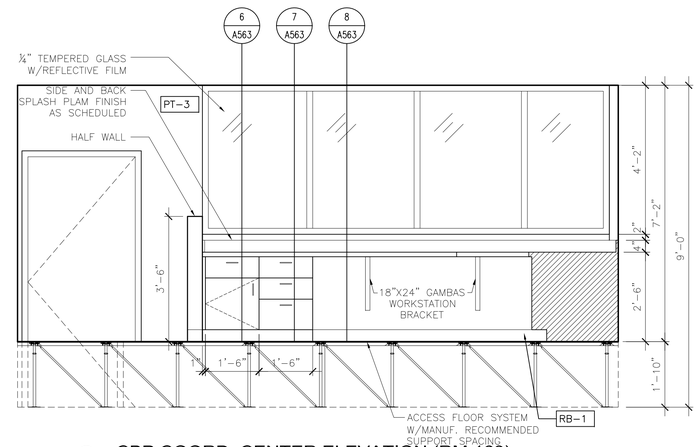
2 AG. LAB ELEVATION (RM 160)
1/2" = 1'-0"



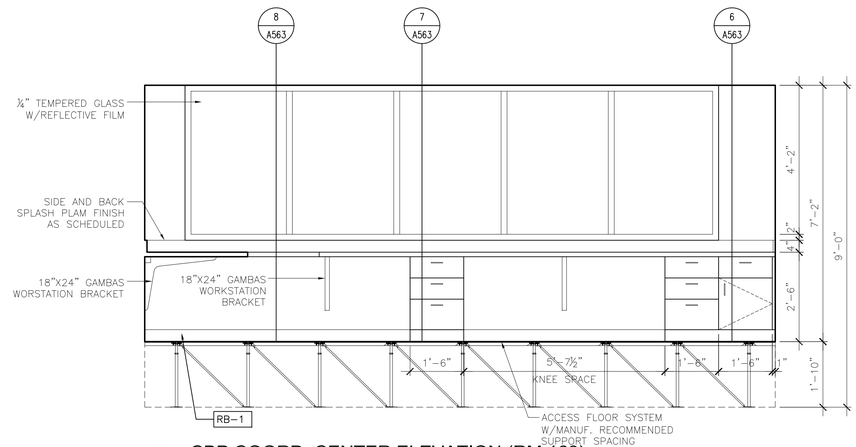
1 AG. LAB ELEVATION (RM 160)
1/2" = 1'-0"



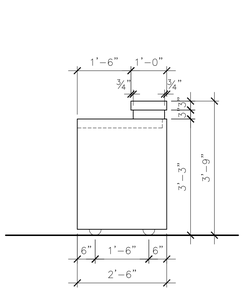
7 CASHIER ELEVATION (RM 181)
1/2" = 1'-0"



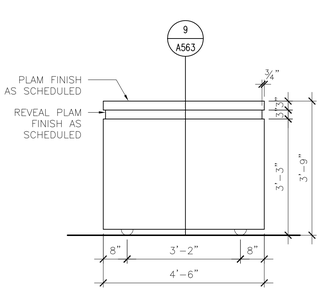
6 CBP COORD. CENTER ELEVATION (RM 163)
1/2" = 1'-0"



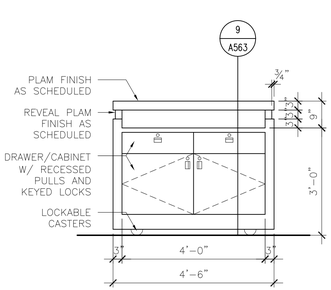
5 CBP COORD. CENTER ELEVATION (RM 163)
1/2" = 1'-0"



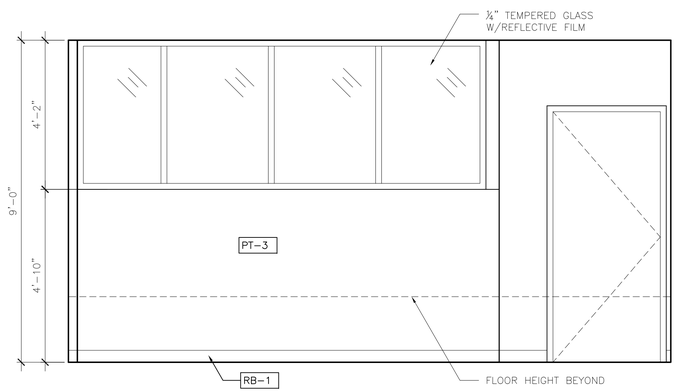
11 MOBILE PODIUM ELEV (RM 159)
1/2" = 1'-0"



10 MOBILE PODIUM ELEV (RM 159)
1/2" = 1'-0"



9 MOBILE PODIUM ELEV (RM 159)
1/2" = 1'-0"



8 CBP COORD. CENTER ENTRY ELEVATION (RM 159)
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: VO
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

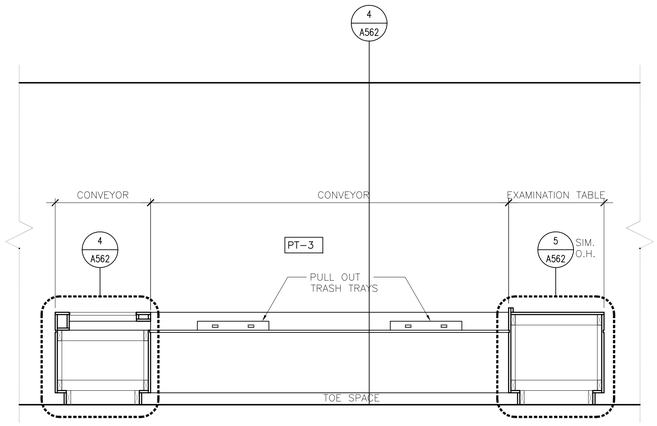
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
MILLWORK ELEVATIONS

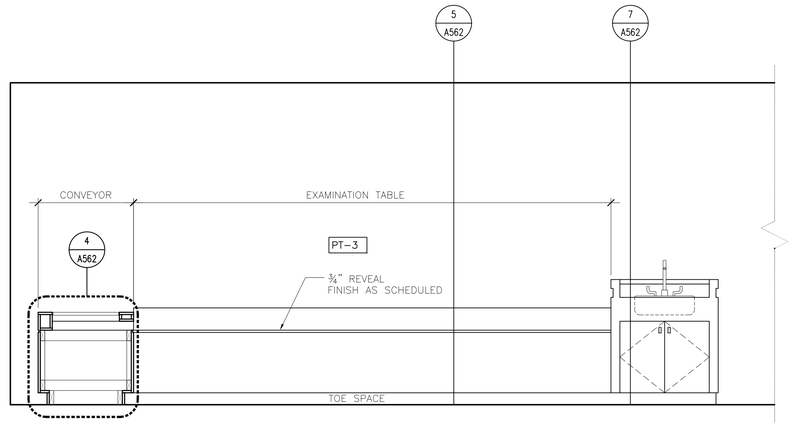
SHEET NUMBER
A560

BID PACKAGE 2A ISSUED FOR BID

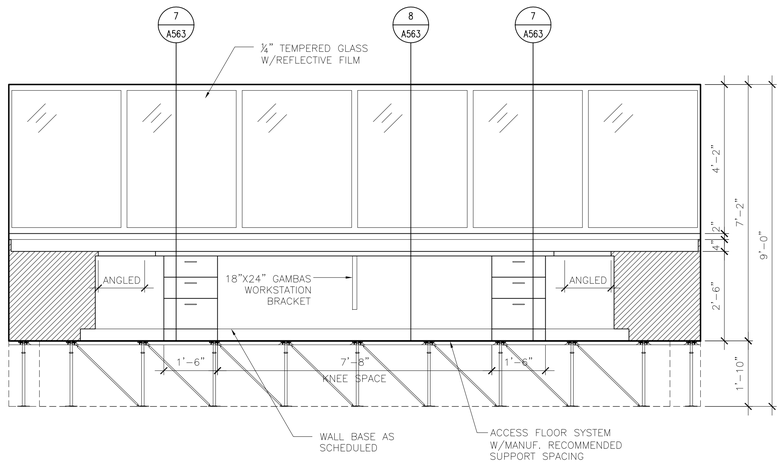
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A560 Millwork Elevations.dwg Plotted on: 1/28/2011 7:58 PM Plotted by: ip, Mark



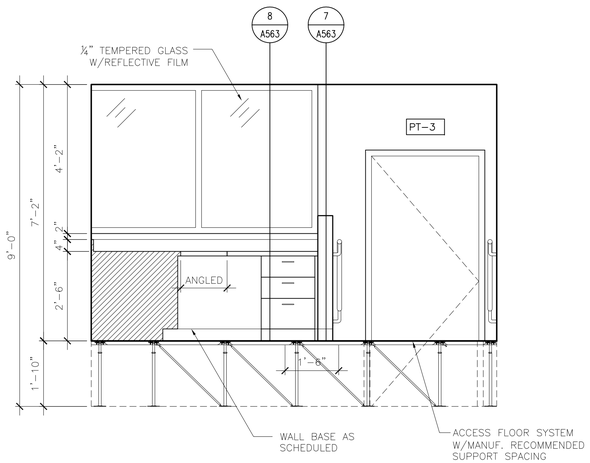
2 SECONDARY X-RAY ELEVATION (RM 159)
1/2" = 1'-0"



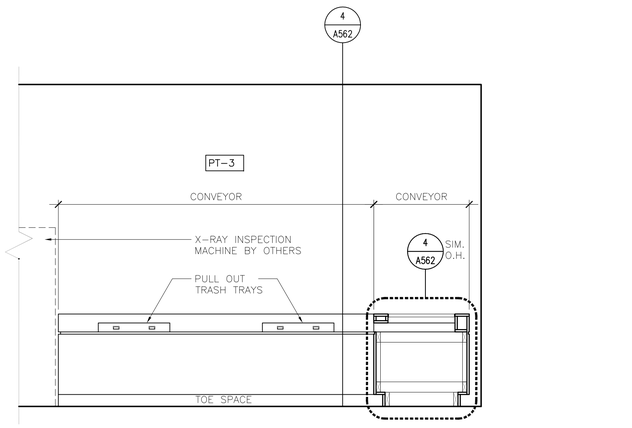
1 SECONDARY X-RAY ELEVATION (RM 159)
1/2" = 1'-0"



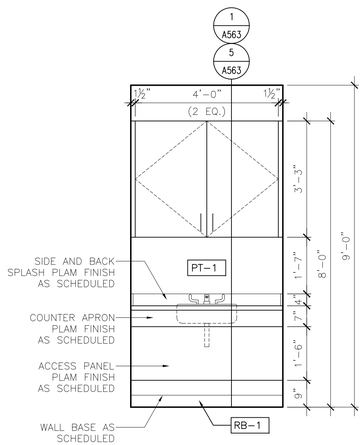
5 CBP COORD. CENTER ELEVATION (RM 245)
1/2" = 1'-0"



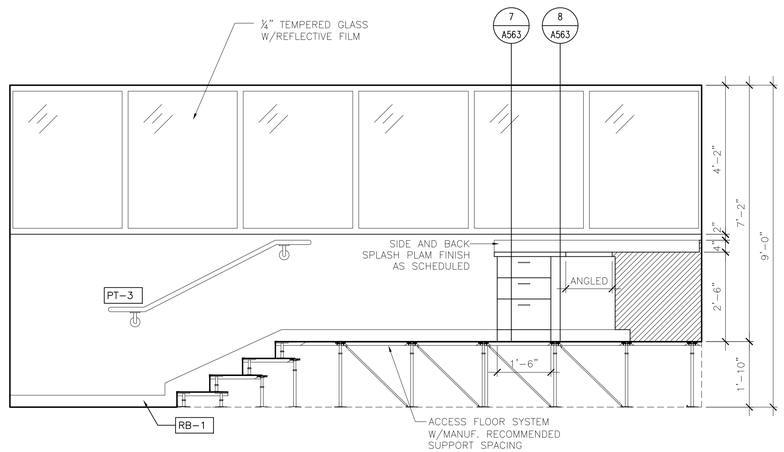
4 CBP COORD. CENTER ELEVATION (RM 245)
1/2" = 1'-0"



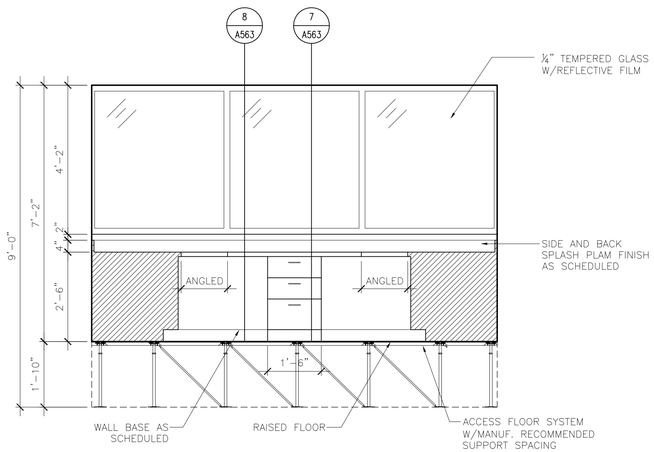
3 SECONDARY X-RAY ELEVATION (RM 159)
1/2" = 1'-0"



8 BREAK RM ELEVATION (RM 156)
1/2" = 1'-0"



7 CBP COORD. CENTER ELEVATION (RM 245)
1/2" = 1'-0"



6 CBP COORD. CENTER ELEVATION (RM 245)
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: VO
DESIGNED BY: SBS/TC

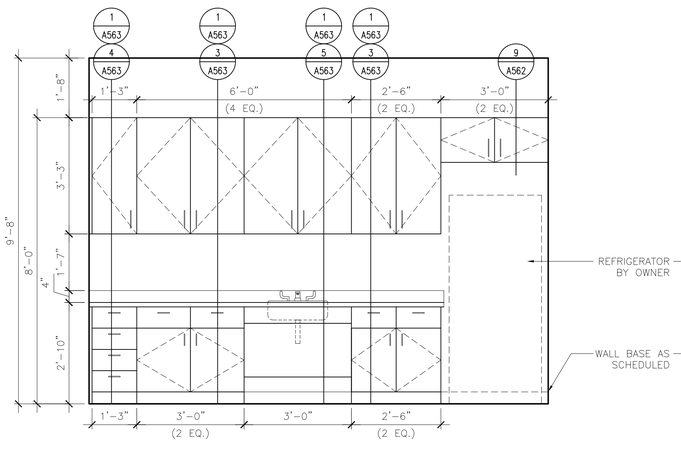
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

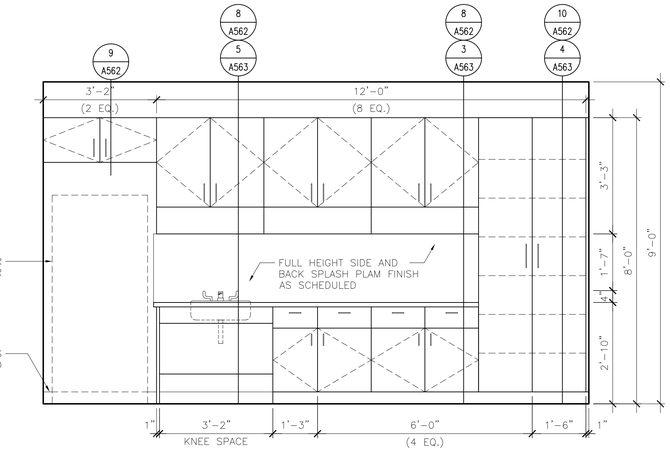
SHEET TITLE
MILLWORK ELEVATIONS

SHEET NUMBER
A561

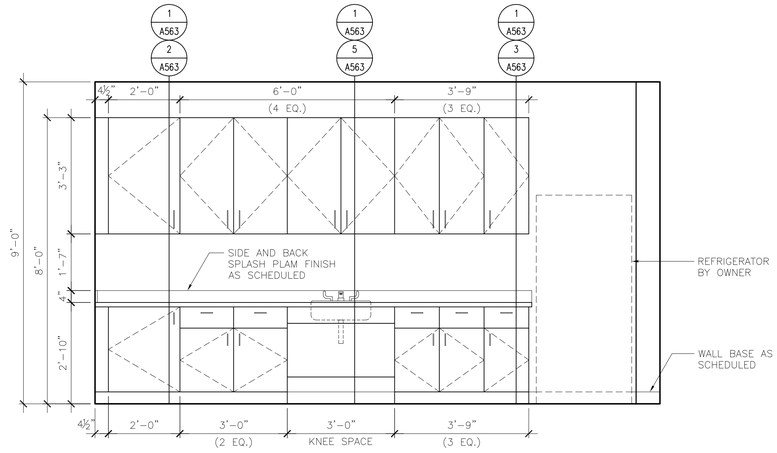
BID PACKAGE 2A ISSUED FOR BID



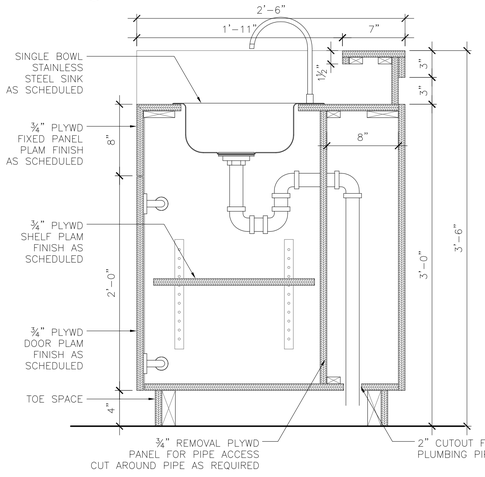
3 SUB OFFICE ELEVATION (RM 148)
1/2" = 1'-0"



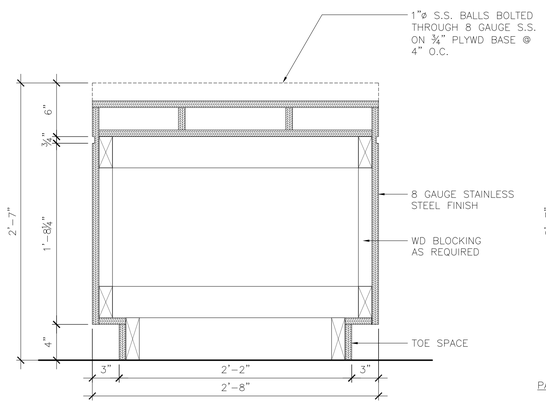
2 OPEN OFFICE ELEVATION (RM 328)
1/2" = 1'-0"



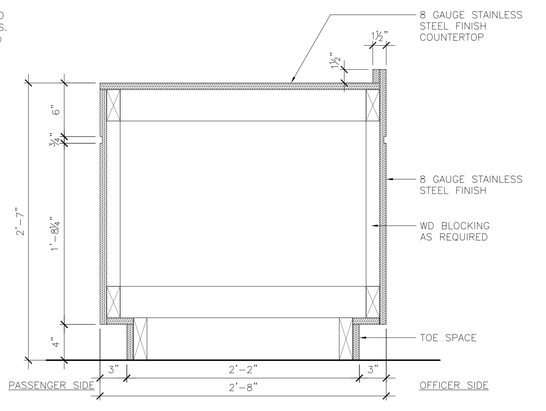
1 BREAK RM ELEVATION (RM 310)
1/2" = 1'-0"



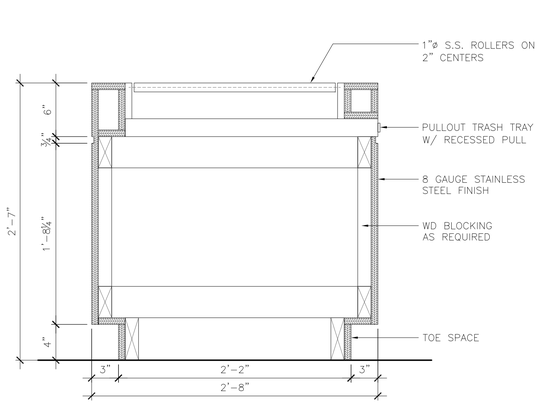
7 S.S. SINK COUNTER SECTION
1-1/2" = 1'-0"



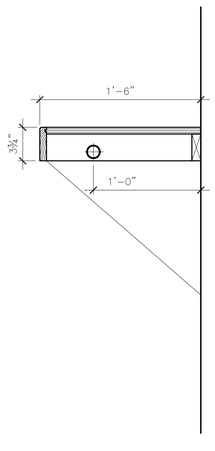
6 BAGGAGE X-RAY INSPECTION STATION SECTION
1-1/2" = 1'-0"



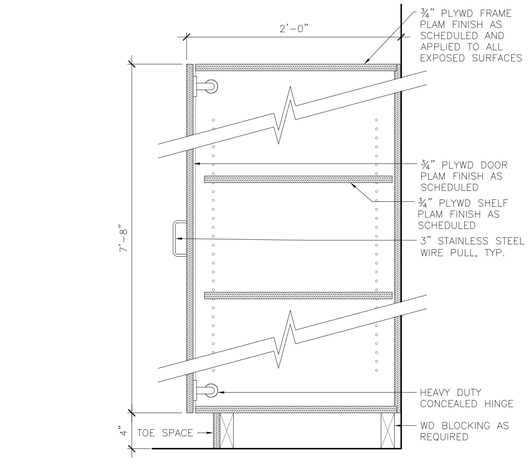
5 BAGGAGE X-RAY INSPECTION STATION SECTION
1-1/2" = 1'-0"



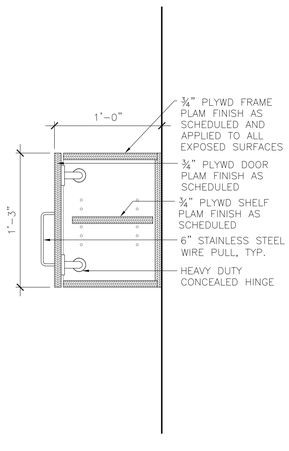
4 BAGGAGE X-RAY INSPECTION STATION SECTION
1-1/2" = 1'-0"



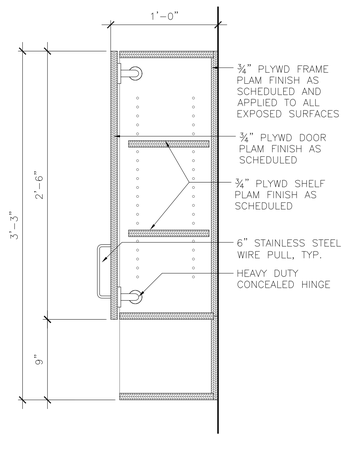
8 CLOSET SHELF SECTION
1-1/2" = 1'-0"



10 TALL CABINET SECTION
1-1/2" = 1'-0"



9 SOFFIT CABINET SECTION
1-1/2" = 1'-0"



8 UPPER CABINET W/SHELF SECTION
1-1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: VO
DESIGNED BY: SBS/TC

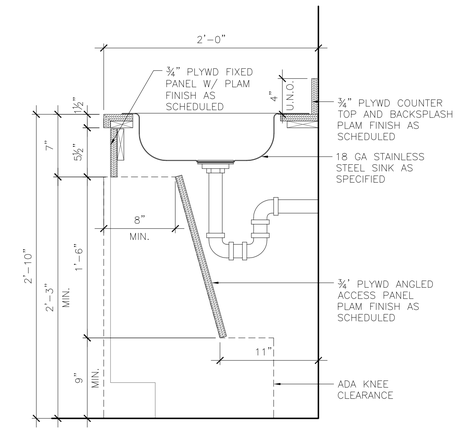
AIP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

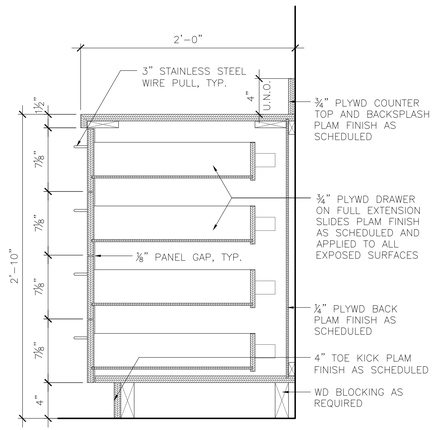
SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS

SHEET NUMBER
A562

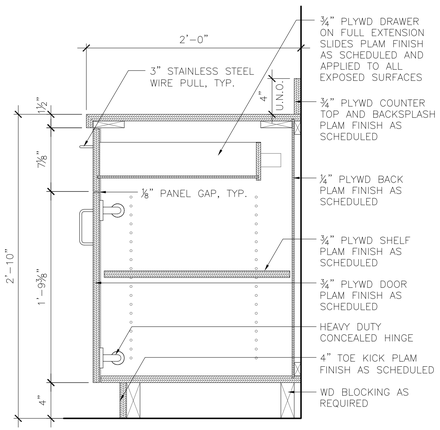
BID PACKAGE 2A
ISSUED FOR BID



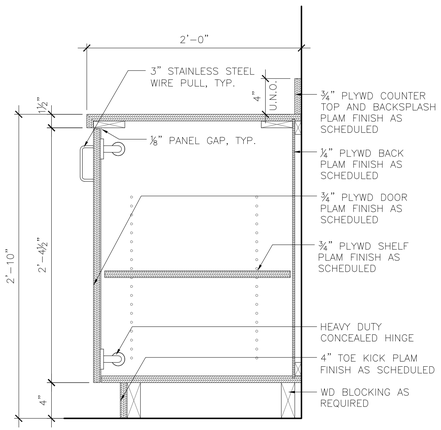
5 BASE CABINET/SINK SECTION
1-1/2" = 1'-0"



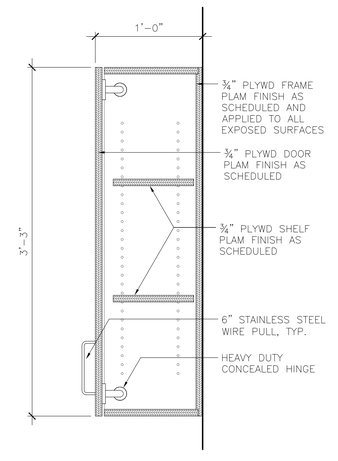
4 BASE CABINET SECTION
1-1/2" = 1'-0"



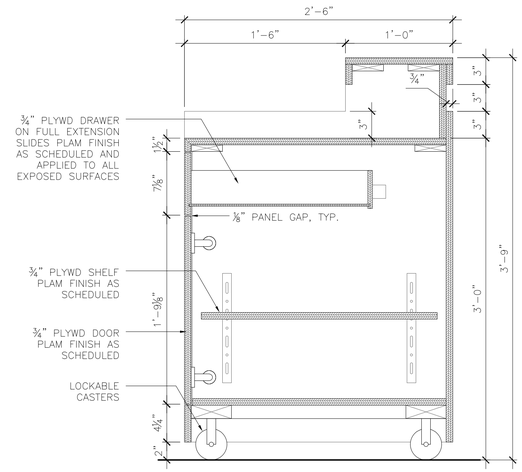
3 BASE CABINET SECTION
1-1/2" = 1'-0"



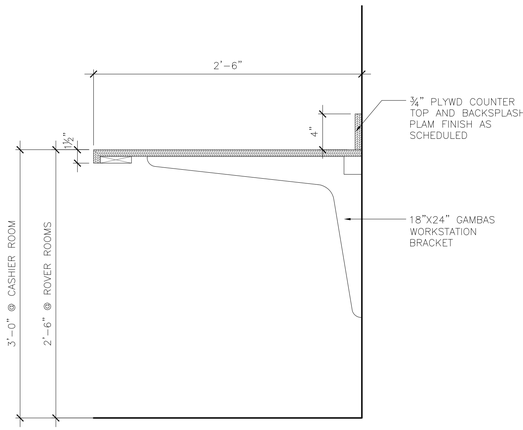
2 BASE CABINET SECTION
1-1/2" = 1'-0"



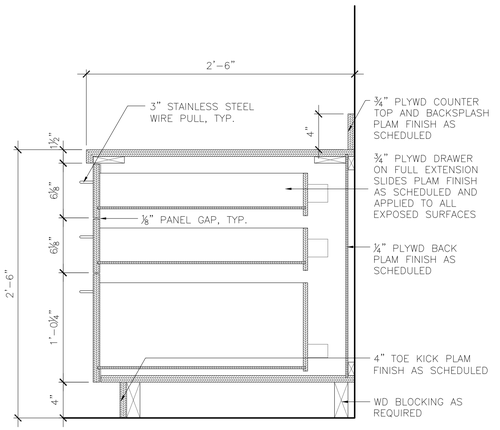
1 UPPER CABINET SECTION
1-1/2" = 1'-0"



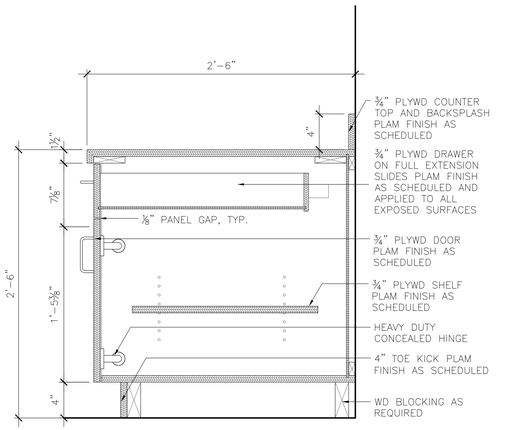
9 MOBILE PODIUM SECTION
1-1/2" = 1'-0"



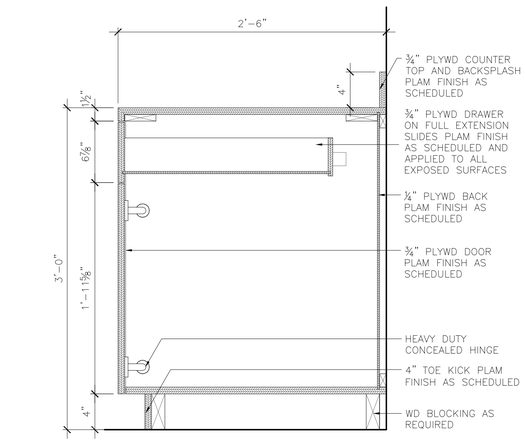
8 COUNTERTOP SECTION
1-1/2" = 1'-0"



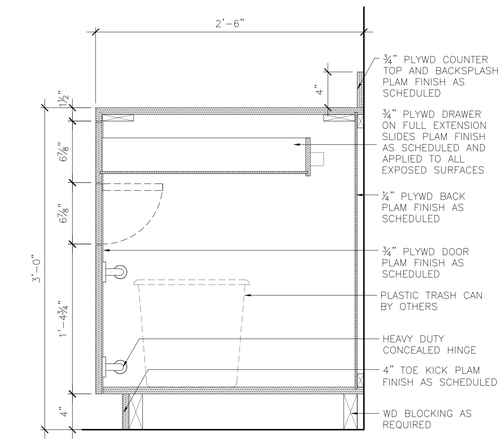
7 BASE CABINET SECTION
1-1/2" = 1'-0"



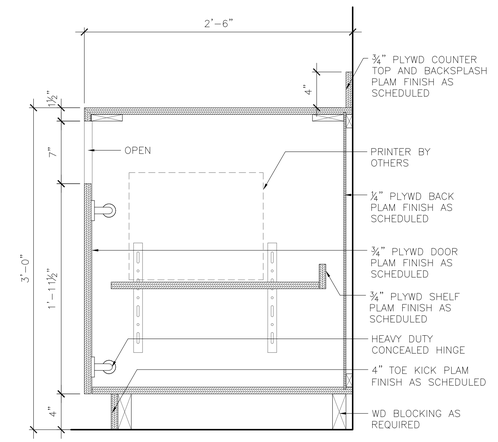
6 BASE CABINET SECTION
1-1/2" = 1'-0"



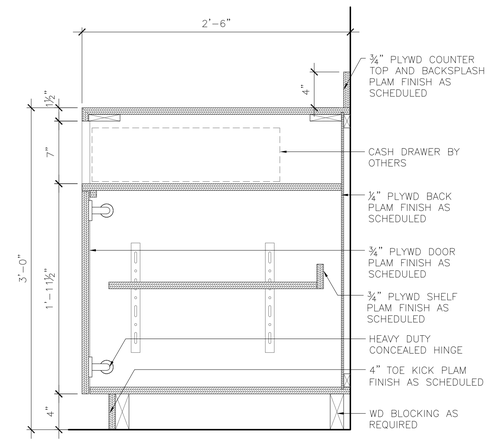
13 CASHIER BASE CABINET SECTION
1-1/2" = 1'-0"



12 CASHIER BASE CABINET SECTION
1-1/2" = 1'-0"



11 CASHIER BASE CABINET SECTION
1-1/2" = 1'-0"



10 CASHIER BASE CABINET SECTION
1-1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: VO
DESIGNED BY: SBS/TC

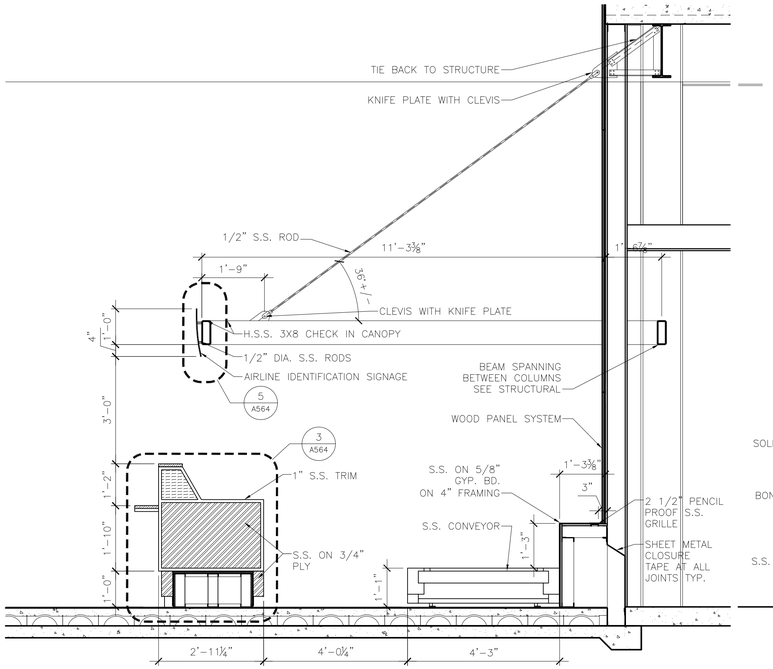
AIP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

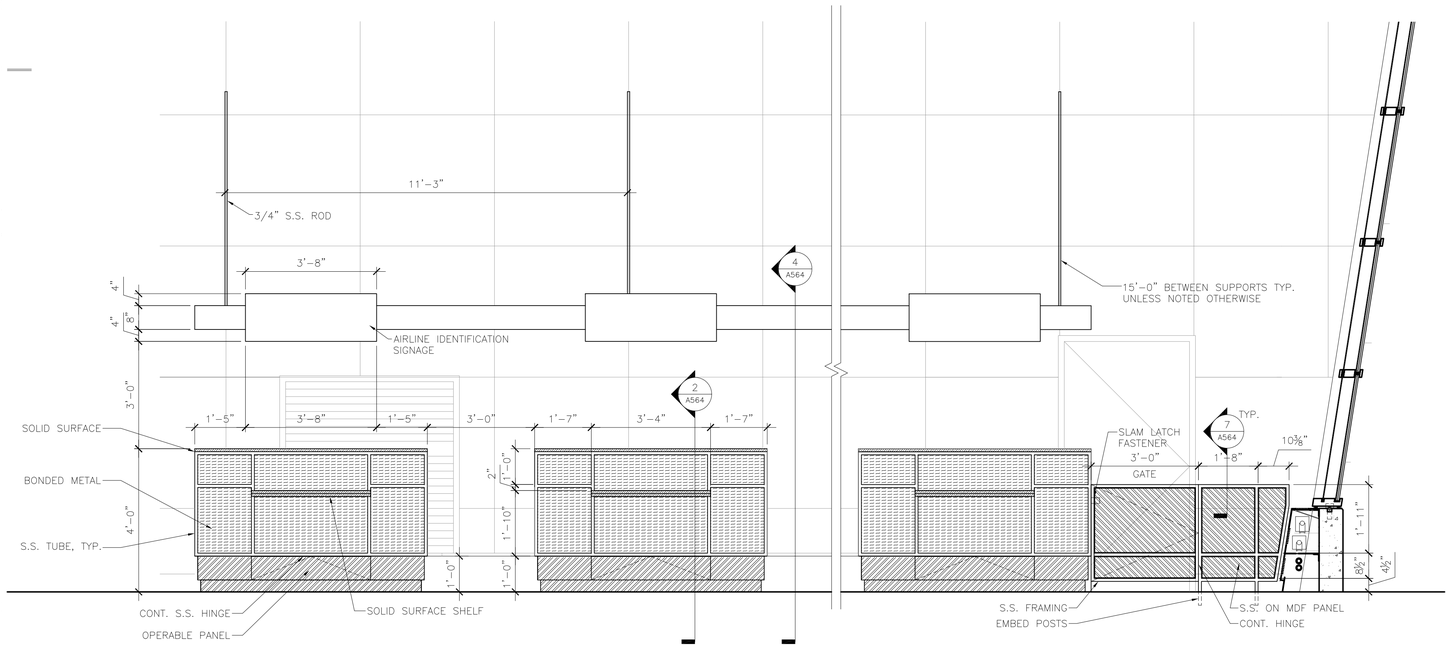
SHEET TITLE
MILLWORK DETAILS

SHEET NUMBER
A563

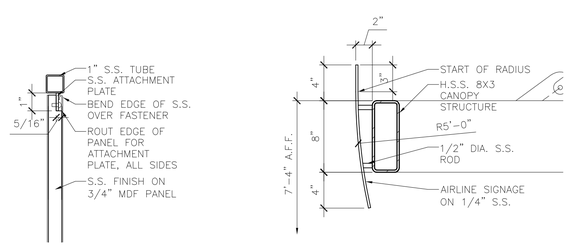
BID PACKAGE 2A ISSUED FOR BID



4 TICKET COUNTER SECTION
1/2" = 1'-0"

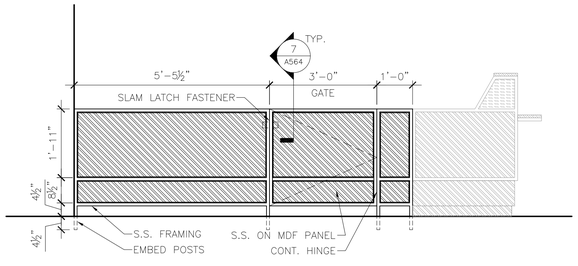


1 TICKET COUNTER ELEVATION
1/2" = 1'-0"

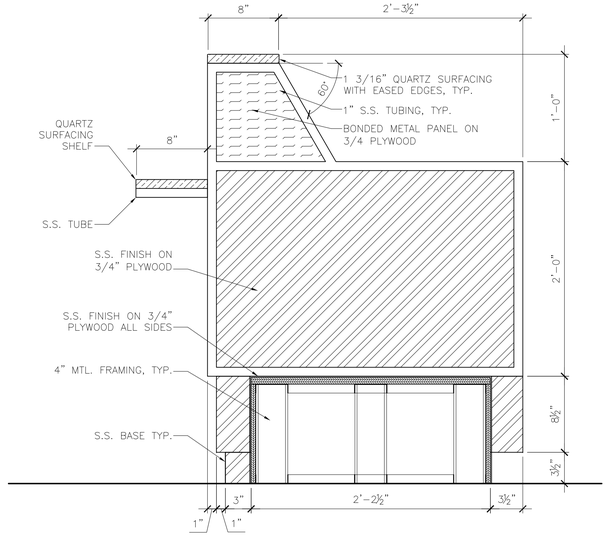


7 DIVIDER DETAIL
3" = 1'-0"

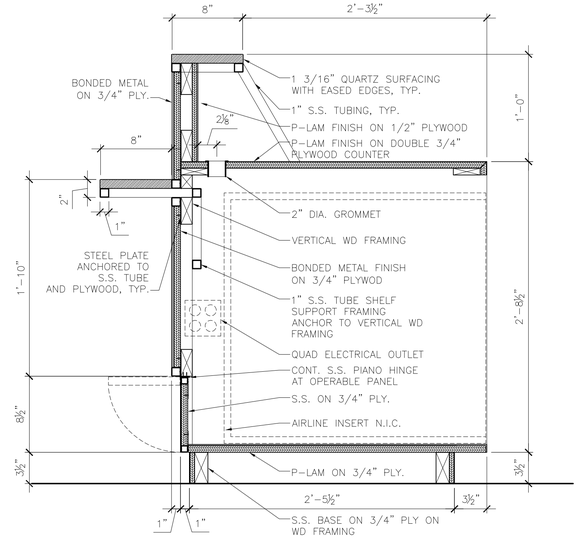
5 AIRLINE SIGN DETAIL
1 1/2" = 1'-0"



6 DIVIDER ELEVATION
1/2" = 1'-0"



3 ENLARGED PLATFORM SECTION
1 1/2" = 1'-0"



2 ENLARGED COUNTER SECTION
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

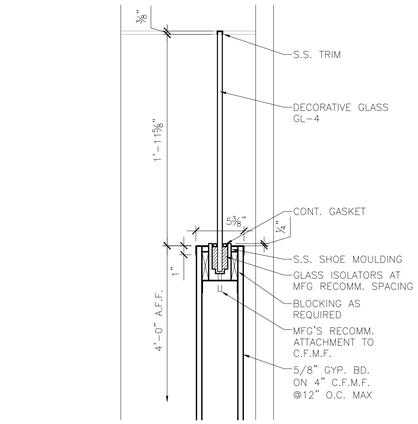
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

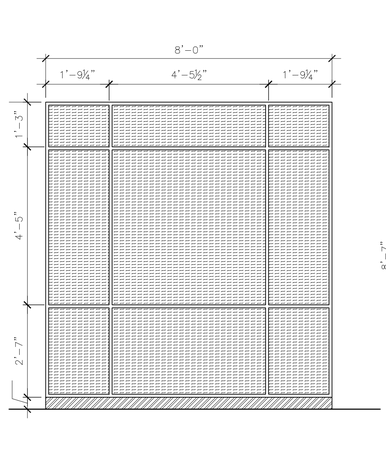
SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS TICKETING

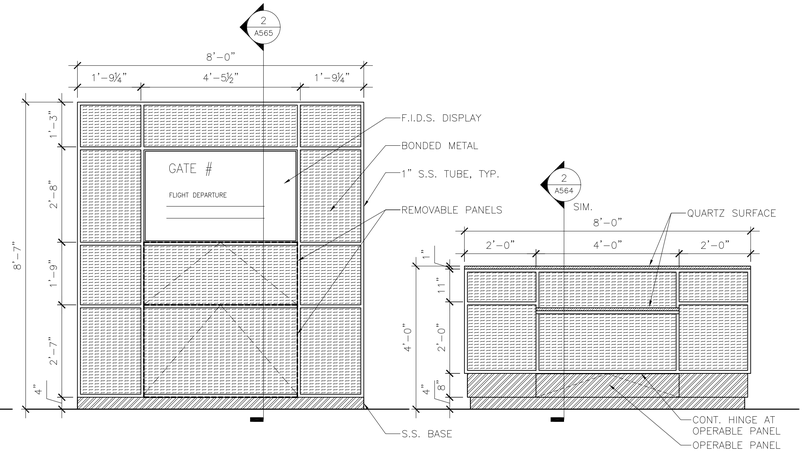
SHEET NUMBER
A564

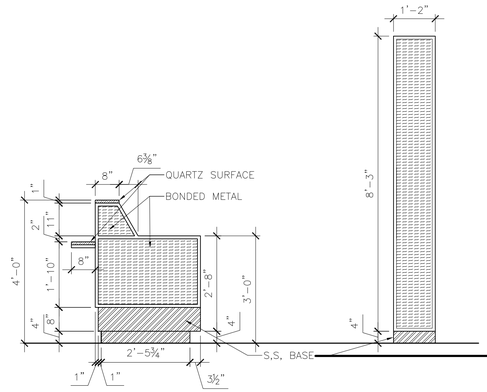
BID PACKAGE 2A ISSUED FOR BID



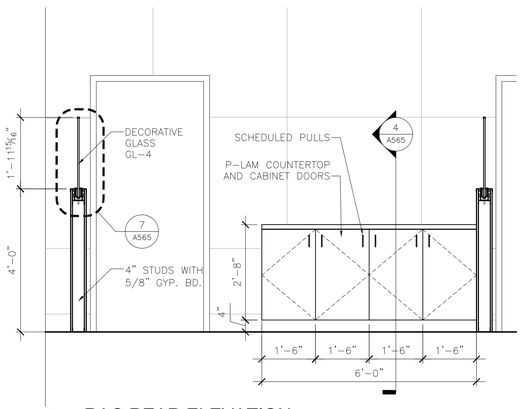
7 GLASS DIVIDER DETAIL
1 1/2" = 1'-0"



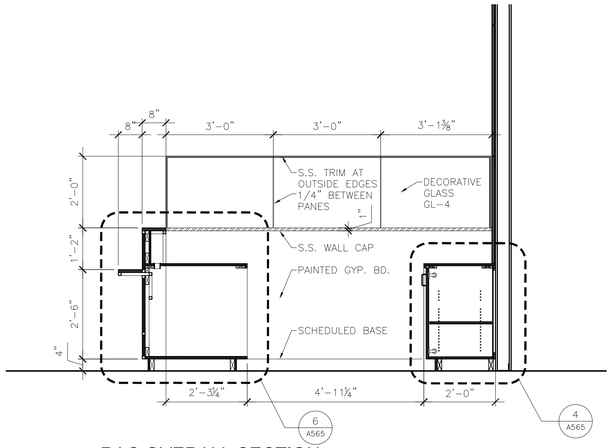




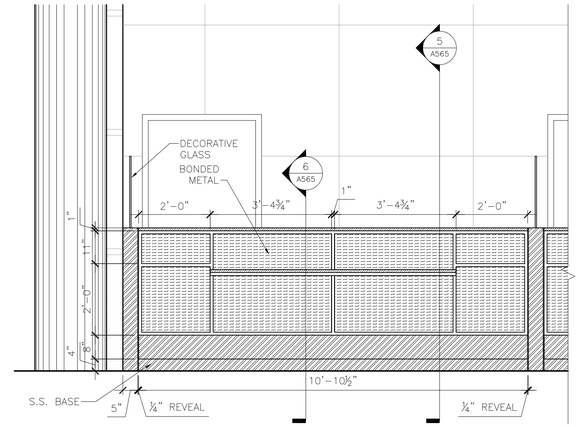
1 GATE PODIUM ELEVATIONS
1/2" = 1'-0"



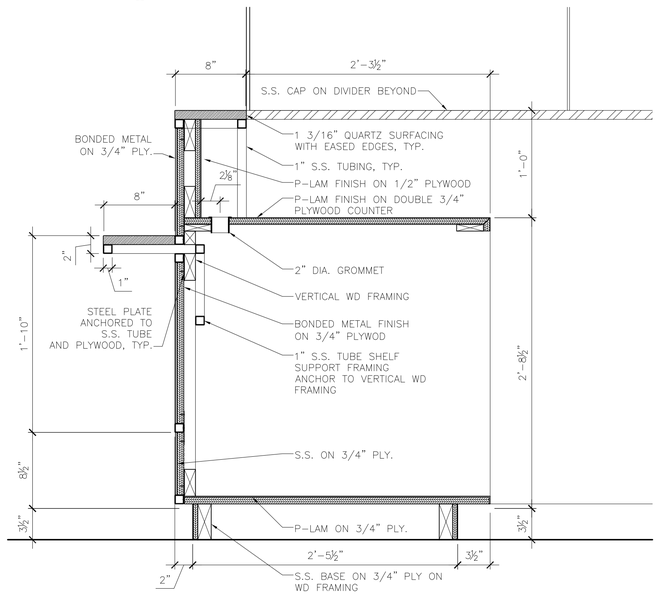
8 RAC REAR ELEVATION
1/2" = 1'-0"



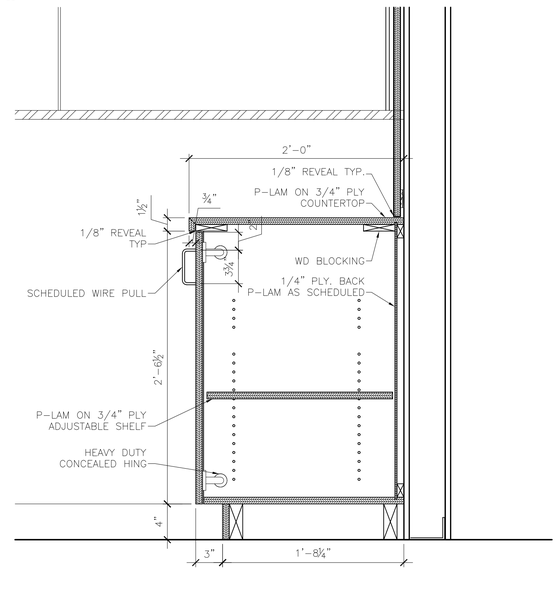
5 RAC OVERALL SECTION
1/2" = 1'-0"



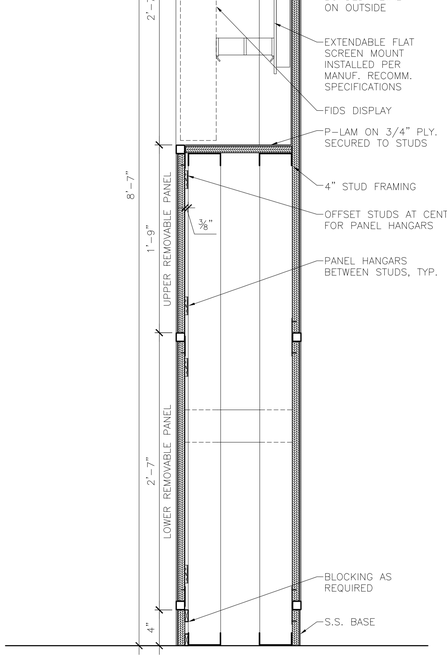
3 RAC ELEVATIONS
1/2" = 1'-0"



6 RAC FRONT COUNTER SECTION
1 1/2" = 1'-0"



4 RAC REAR COUNTER SECTION
1 1/2" = 1'-0"



2 GATE BACKSCREEN DETAILS
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

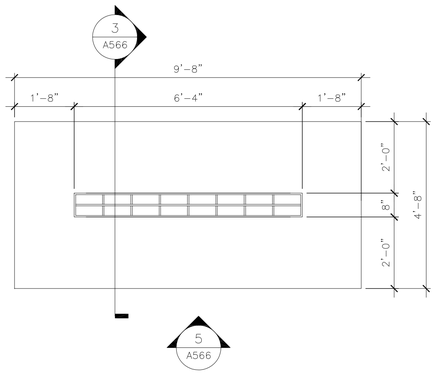
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

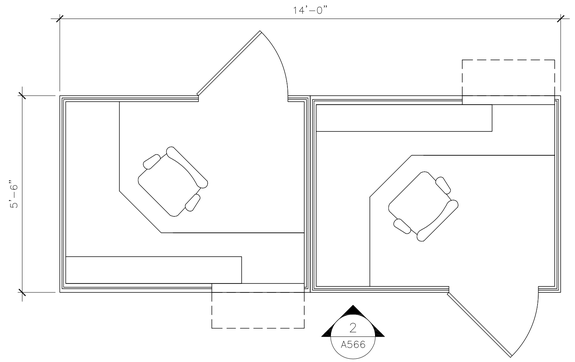
SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS PODIUM

SHEET NUMBER
A565

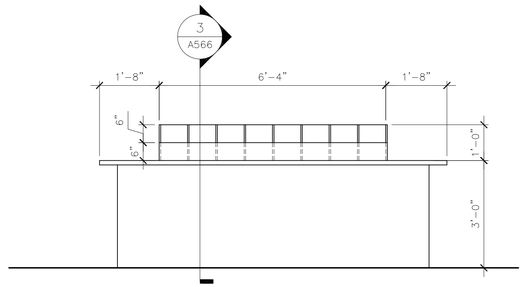
BID PACKAGE 2A ISSUED FOR BID



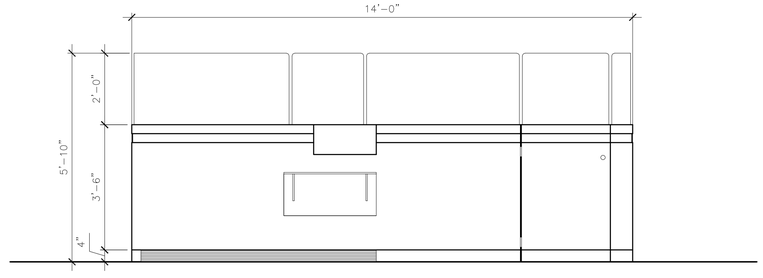
4 CBP FORMS COUNTER PLAN
1/2" = 1'-0"



1 CBP PROCESSING BOOTH PLAN
1/2" = 1'-0"

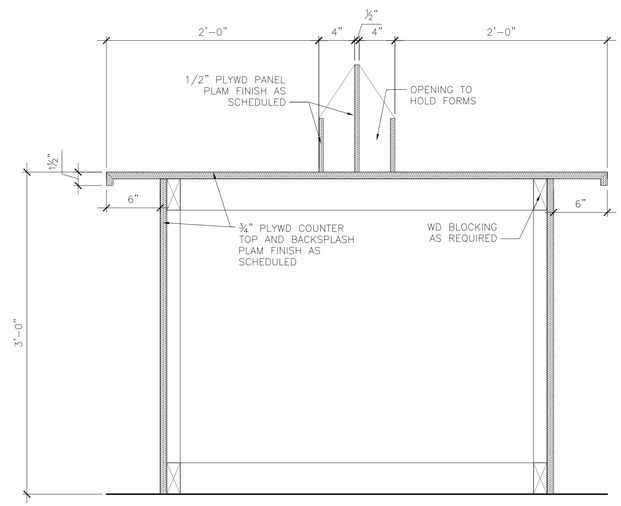


5 CBP FORMS COUNTER ELEVATION
1/2" = 1'-0"



2 CBP PROCESSING BOOTH ELEVATION
1/2" = 1'-0"

NOTE: CBP PRIMARY PROCESSING BOOTH TO BE CONSTRUCTED PER CBP AIRPORT TECHNICAL DESIGN STANDARDS, CHAPTER 10 FIGURES 10-4 THRU 10-6.



3 CBP FORMS COUNTER DETAIL
1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

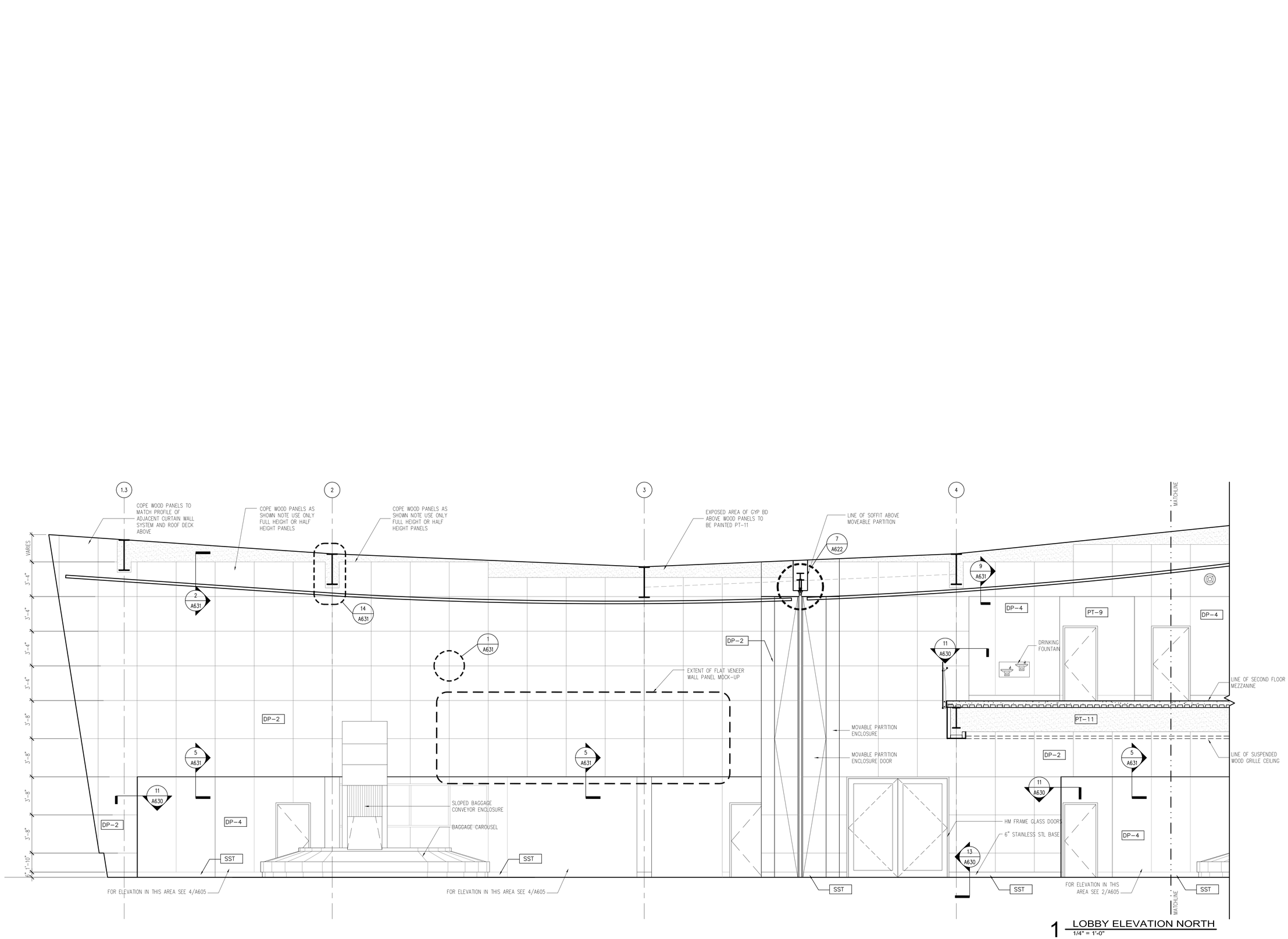
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS CBP

SHEET NUMBER
A566

BID PACKAGE 2A ISSUED FOR BID

Drawing: I:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A566 Millwork Elev and Det CBP.dwg Plotted on: 1/28/2011 8:03 PM Plotted by: lp, Mark



1 LOBBY ELEVATION NORTH
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	10.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

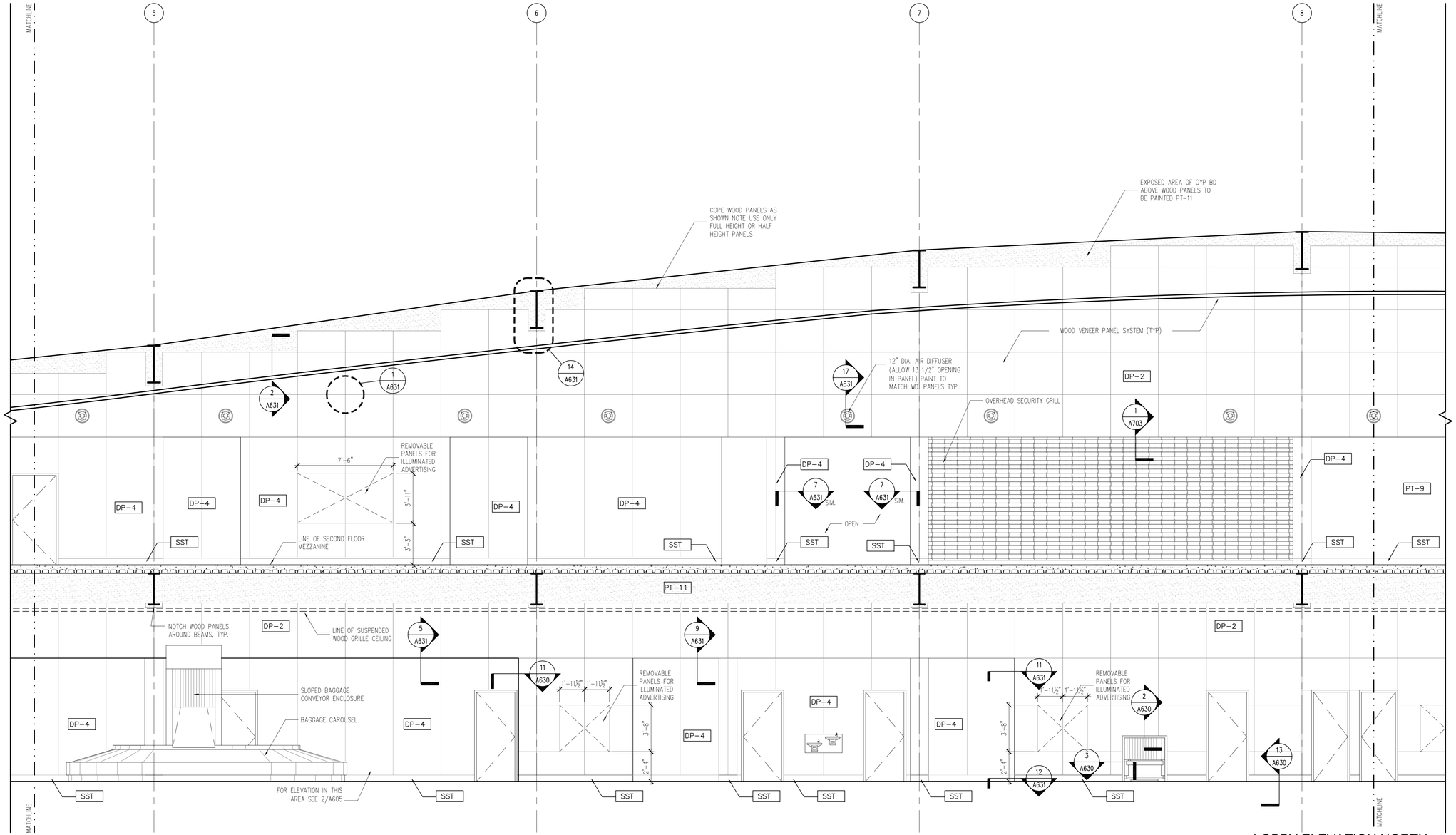
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A601

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A601 Interior Elevations.dwg Plotted on: 1/28/2011 8:03 PM Plotted by: lp, Mark



1 LOBBY ELEVATION NORTH
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

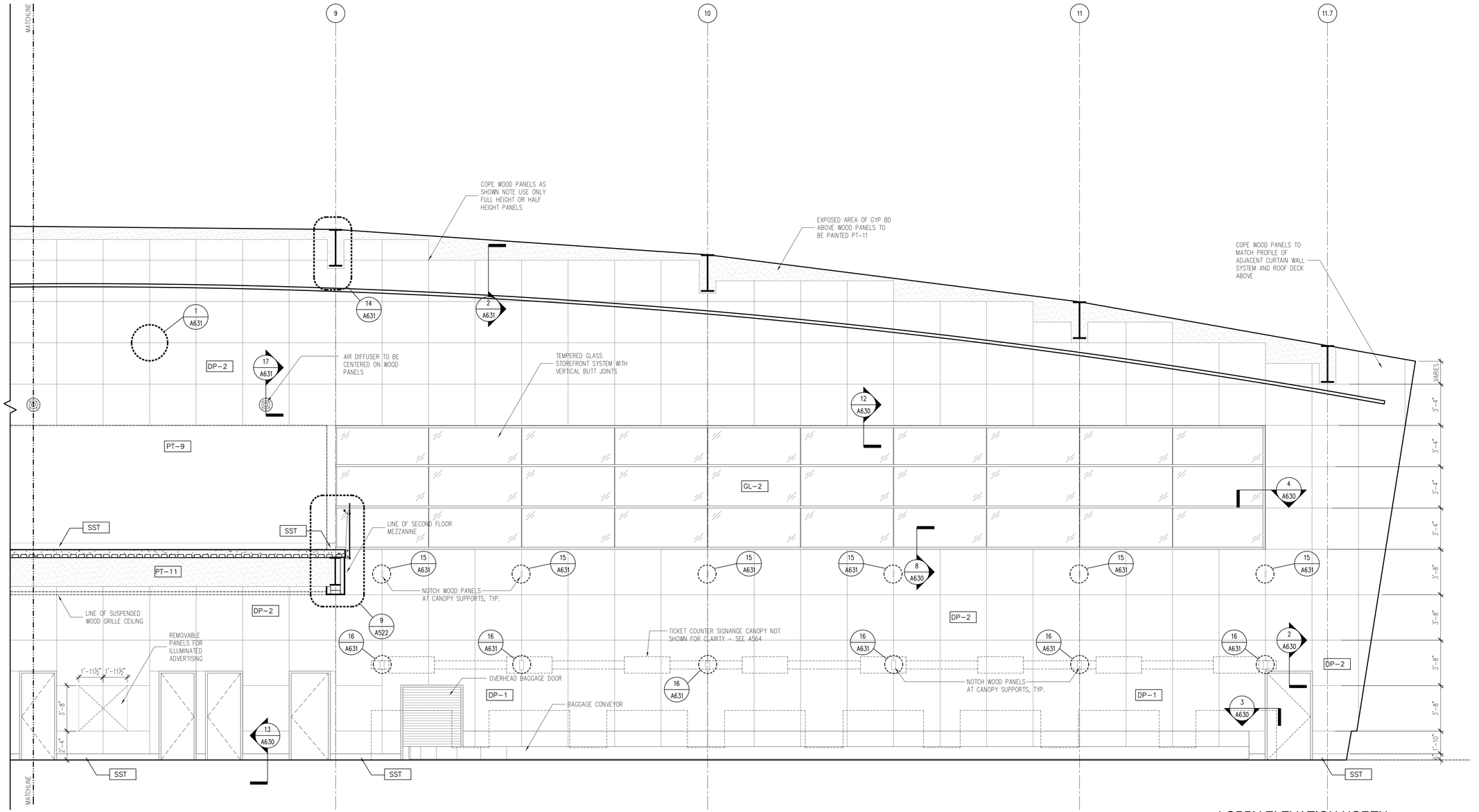
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A602

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A602 Interior Elevations.dwg Plotted on: 1/28/2011 8:04 PM Plotted by: Ip, Mark



1 LOBBY ELEVATION NORTH
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

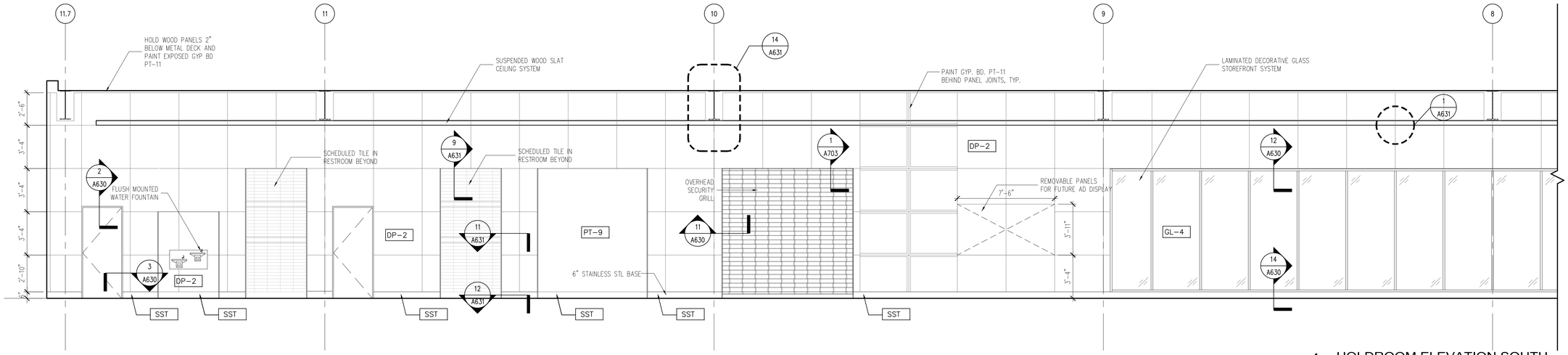
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

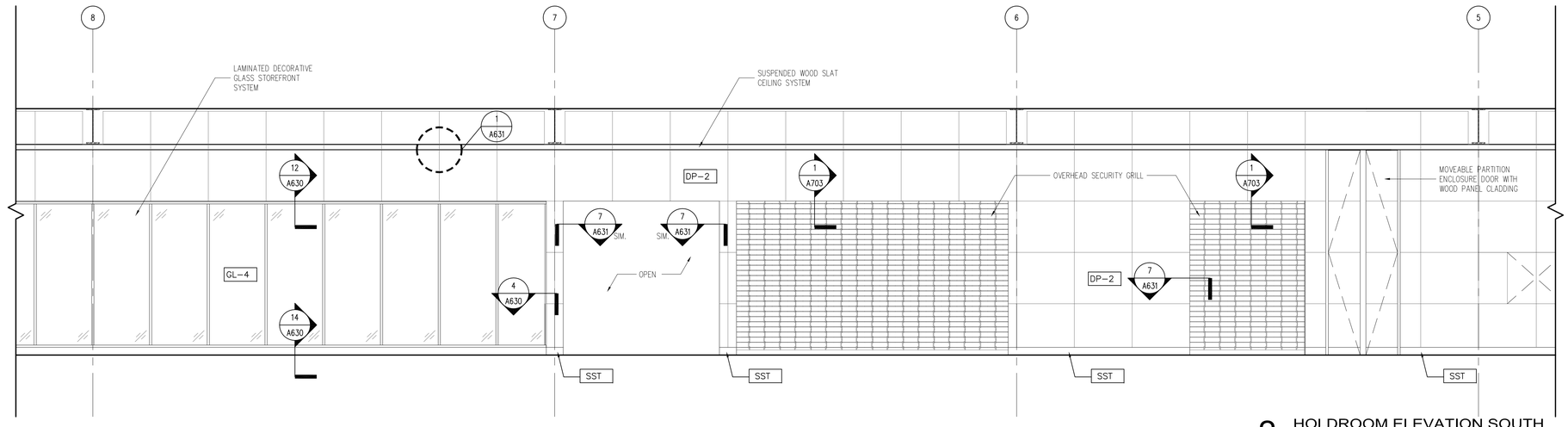
SHEET NUMBER
A603

BID PACKAGE 2A
ISSUED FOR BID

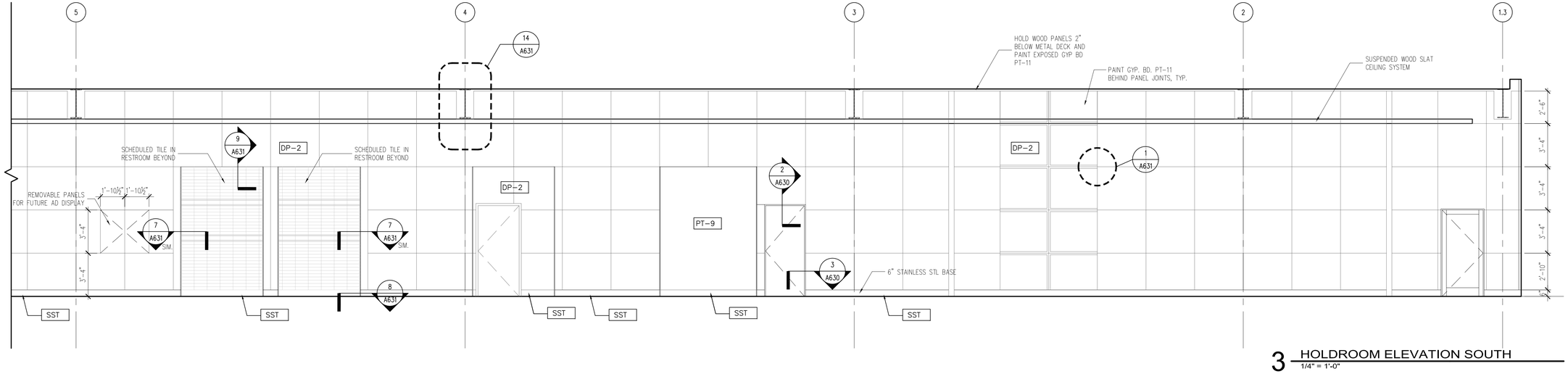
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A603 Interior Elevations.dwg Plotted on: 1/28/2011 8:04 PM Plotted by: ip, Mark



1 HOLDROOM ELEVATION SOUTH
1/4" = 1'-0"



2 HOLDROOM ELEVATION SOUTH
1/4" = 1'-0"



3 HOLDROOM ELEVATION SOUTH
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AIP PROJECT NUMBER
213-1882-091

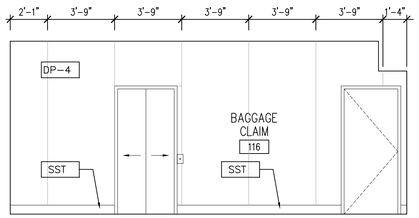
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

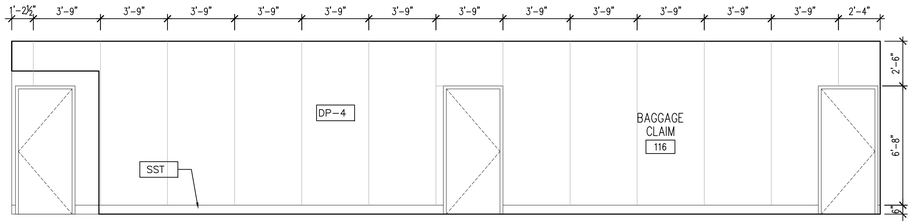
SHEET NUMBER
A604

BID PACKAGE 2A ISSUED FOR BID

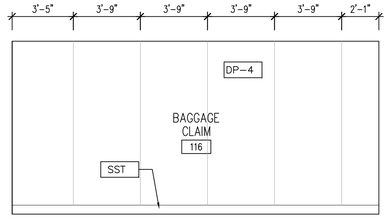
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A604 Interior Elevations.dwg Plotted on: 1/28/2011 8:04 PM Plotted by: Ip, Mark



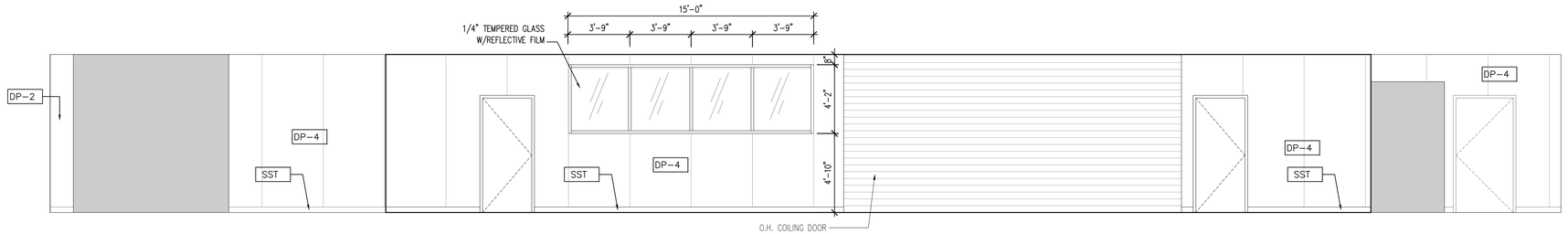
3 DOMESTIC BAGGAGE CLAIM WEST
1/4" = 1'-0"



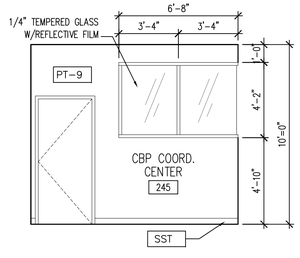
2 DOMESTIC BAGGAGE CLAIM NORTH
1/4" = 1'-0"



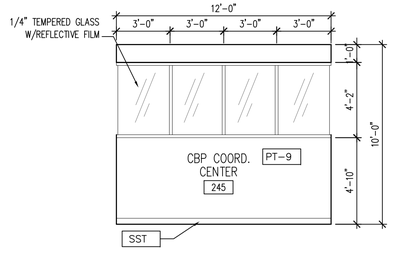
1 DOMESTIC BAGGAGE CLAIM EAST
1/4" = 1'-0"



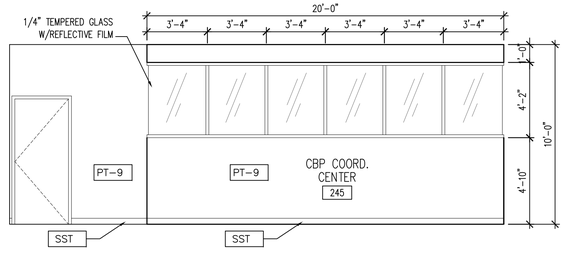
4 INTERNATIONAL BAGGAGE CLAIM NORTH
1/4" = 1'-0"



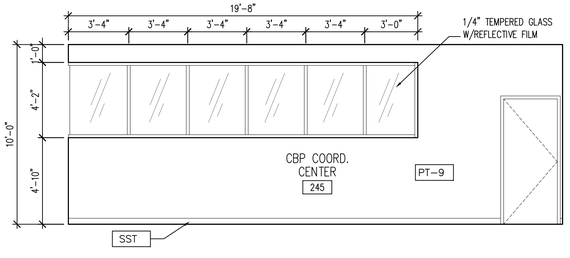
8 SECOND FLOOR ROVER ELEVATION WEST
1/4" = 1'-0"



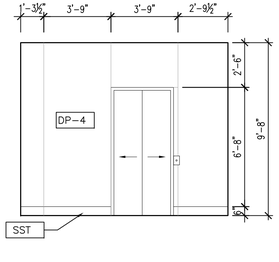
7 SECOND FLOOR ROVER ELEVATION EAST
1/4" = 1'-0"



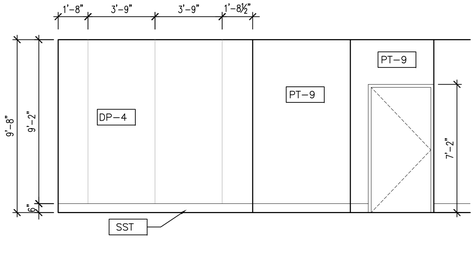
6 SECOND FLOOR ROVER ELEVATION SOUTH
1/4" = 1'-0"



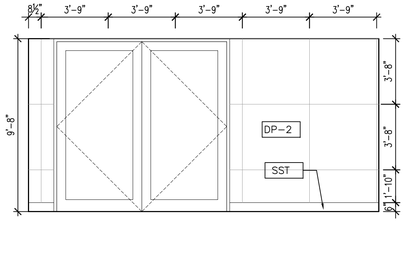
5 SECOND FLOOR ROVER ELEVATION NORTH
1/4" = 1'-0"



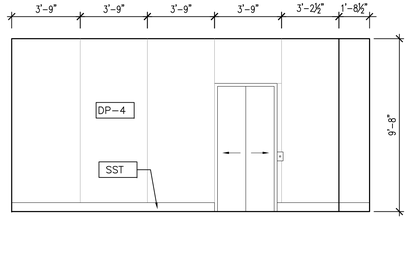
12 INTL. BAG CLAIM PARTIAL ELEVATION SOUTH
1/4" = 1'-0"



11 INTL. BAG CLAIM PARTIAL ELEVATION WEST
1/4" = 1'-0"



10 RECHECK ELEVATION SOUTH
1/4" = 1'-0"



9 RECHECK ELEVATION EAST
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	100% REVIEW	10.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

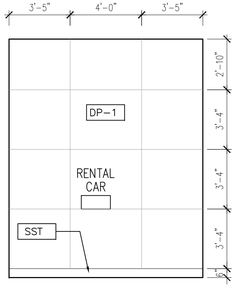
AIP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

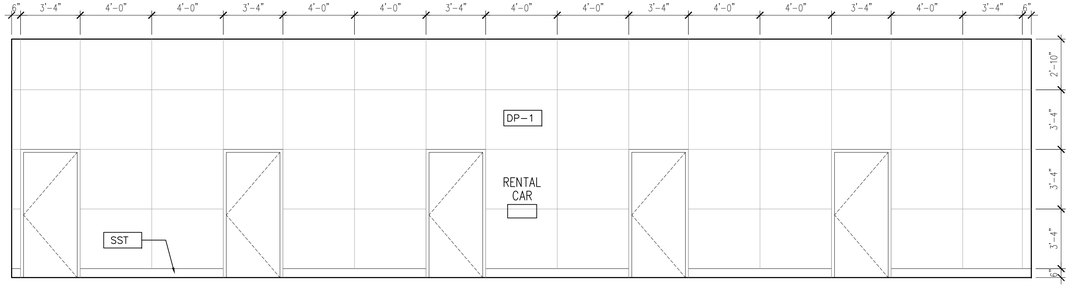
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A605

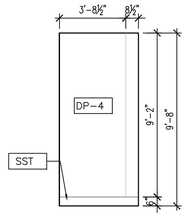
BID PACKAGE 2A ISSUED FOR BID



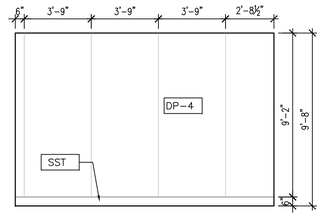
2 RENTAL CAR ELEVATION EAST/WEST
1/4" = 1'-0"



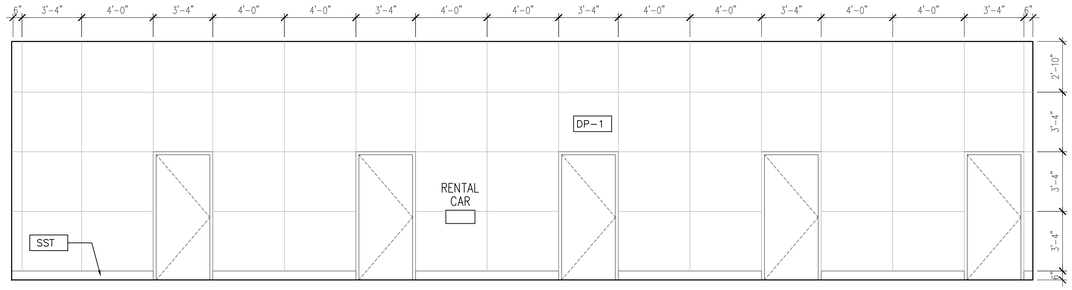
1 RENTAL CAR ELEVATION SOUTH
1/4" = 1'-0"



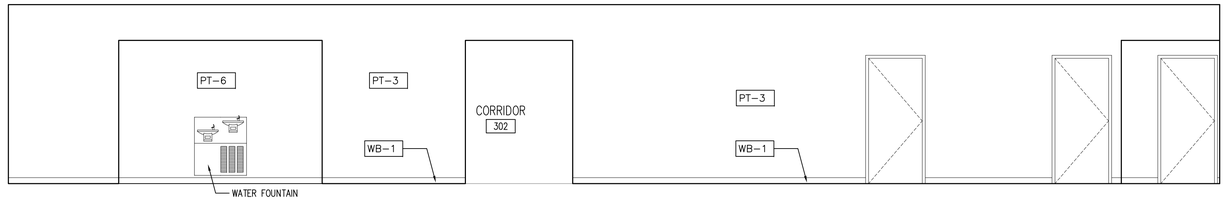
5 LOBBY PARTIAL ELEVATION EAST/WEST
1/4" = 1'-0"



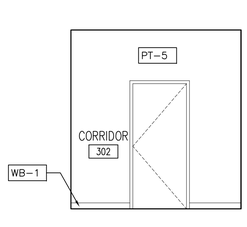
4 INTL. BAG CLAIM PARTIAL ELEVATION EAST
1/4" = 1'-0"



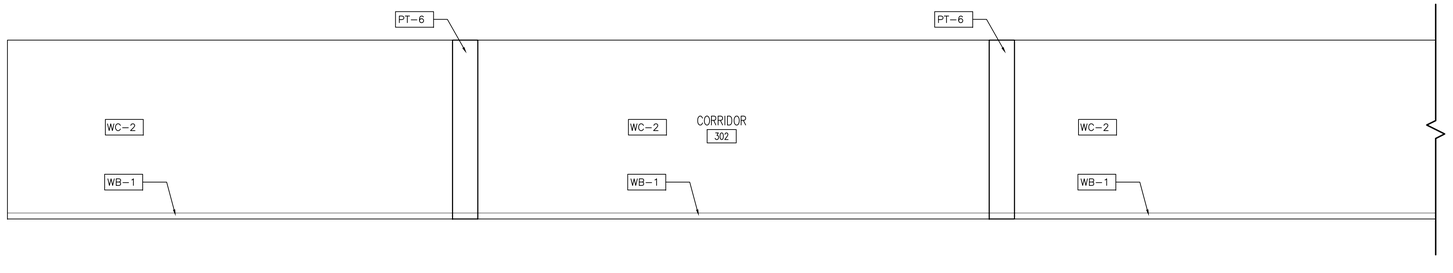
3 RENTAL CAR ELEVATION NORTH
1/4" = 1'-0"



6 THIRD FLOOR CORRIDOR ELEVATION NORTH
1/4" = 1'-0"



8 THIRD FLOOR CORRIDOR ELEVATION EAST
1/4" = 1'-0"



7 THIRD FLOOR CORRIDOR ELEVATION SOUTH
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	100% REVIEW	10.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

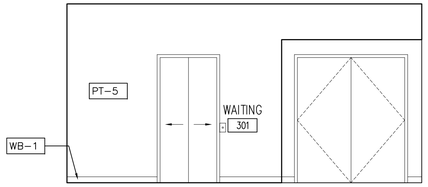
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

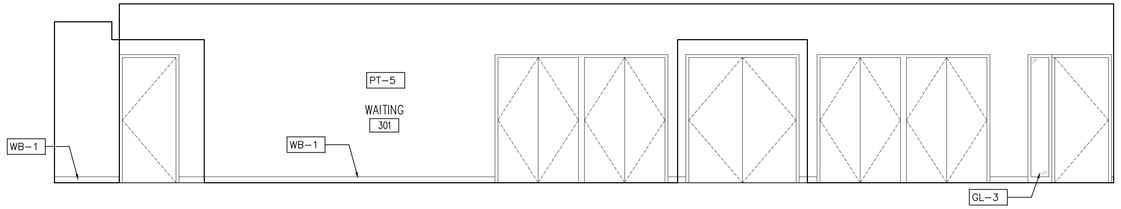
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A606

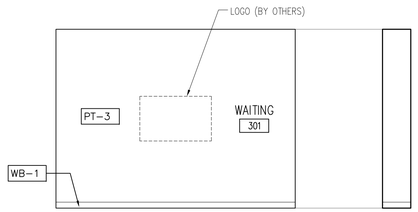
BID PACKAGE 2A ISSUED FOR BID



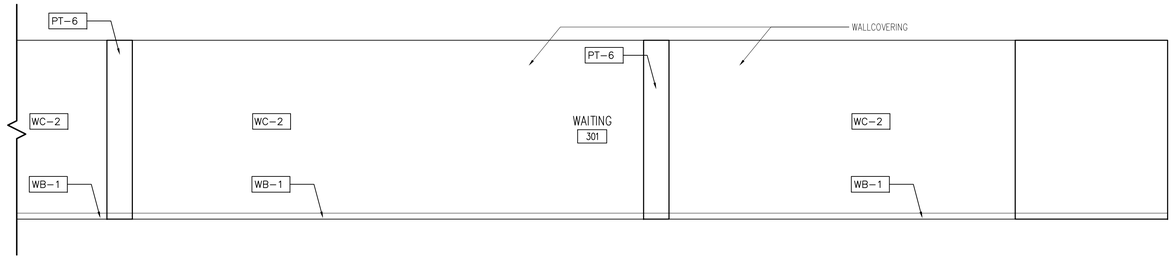
2 THIRD FLOOR WAITING ROOM ELEVATION WEST
1/4" = 1'-0"



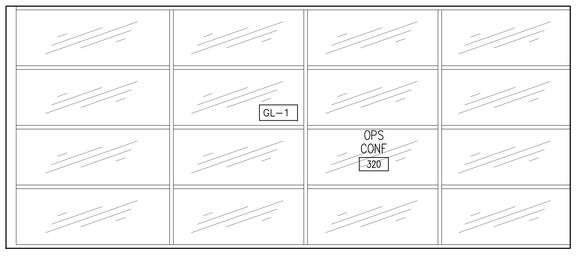
1 THIRD FLOOR WAITING ROOM ELEVATION NORTH
1/4" = 1'-0"



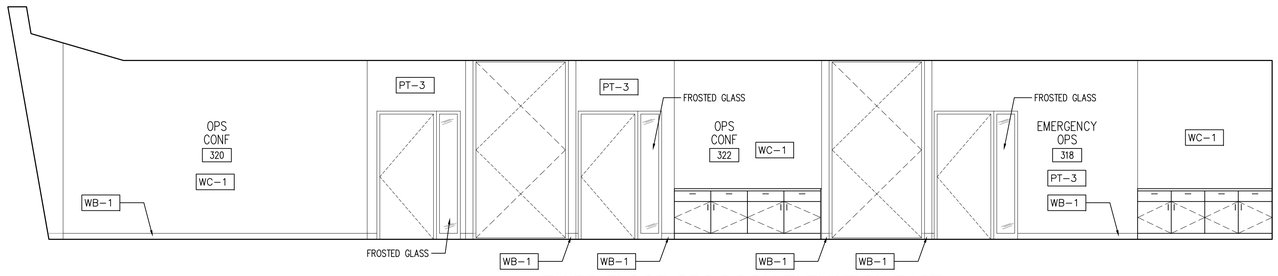
4 THIRD FLOOR WAITING ROOM ELEVATION EAST
1/4" = 1'-0"



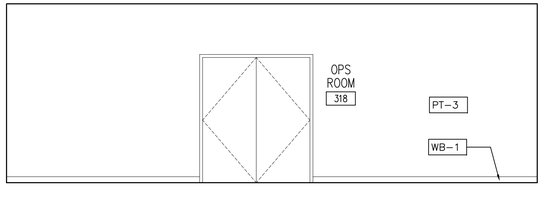
3 THIRD FLOOR WAITING ROOM ELEVATION SOUTH
1/4" = 1'-0"



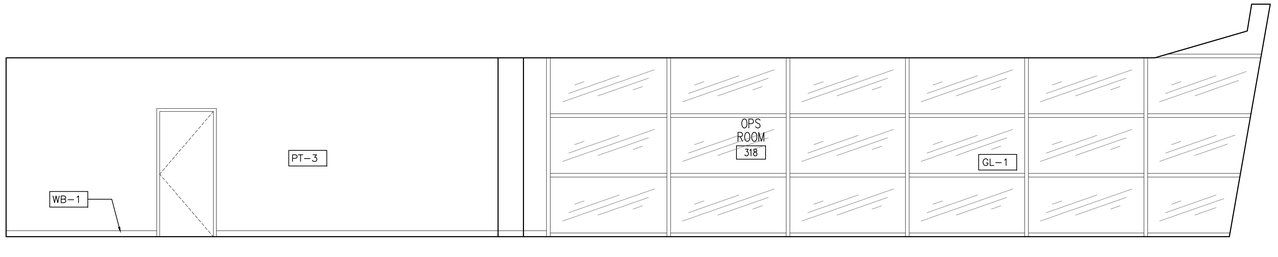
6 THIRD FLOOR OPS ROOM ELEVATION NORTH
1/4" = 1'-0"



5 THIRD FLOOR OPS ROOM ELEVATION EAST
1/4" = 1'-0"



8 THIRD FLOOR OPS ROOM ELEVATION SOUTH
1/4" = 1'-0"



7 THIRD FLOOR OPS ROOM ELEVATION WEST
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AIP PROJECT NUMBER
213-1882-091

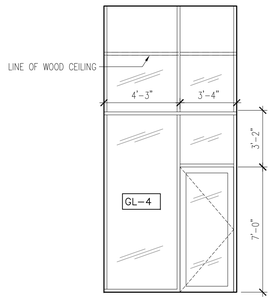
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

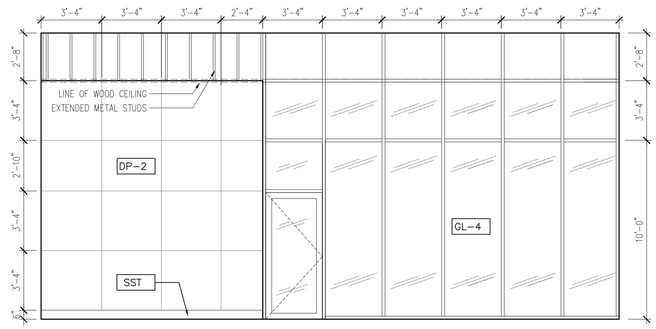
SHEET NUMBER
A607

BID PACKAGE 2A ISSUED FOR BID

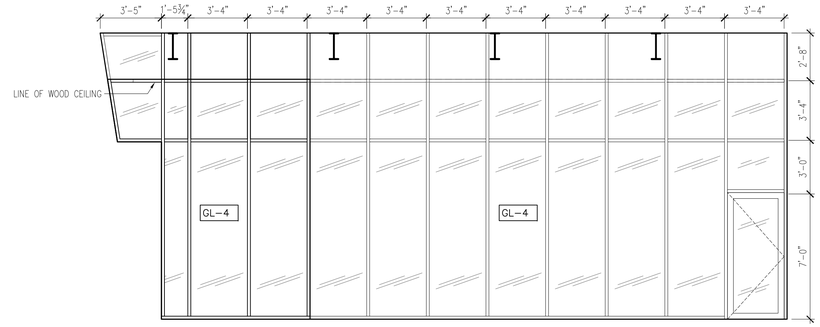
Drawing: I:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A607 Interior Elevations.dwg Plotted on: 1/28/2011 8:05 PM Plotted by: Ip, Mark



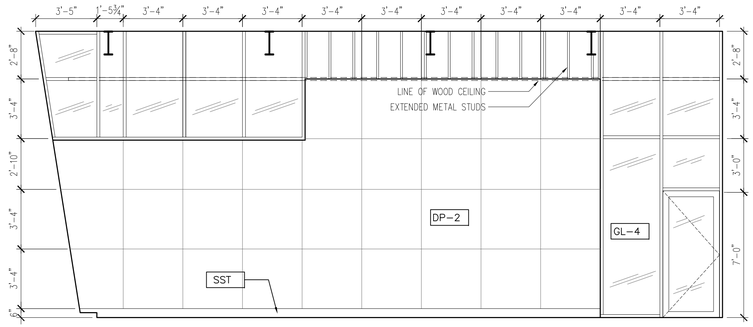
3 BOARDING LOUNGE VESTIBULE SOUTH
1/4" = 1'-0"



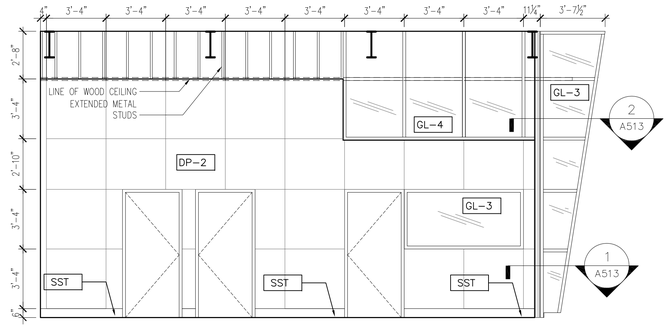
2 CORRIDOR 233 SOUTH
1/4" = 1'-0"



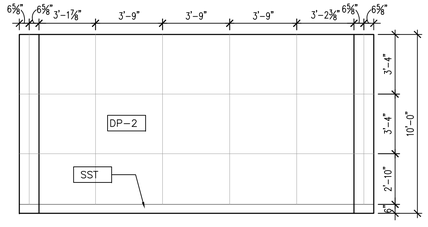
1 BOARDING LOUNGE WEST
1/4" = 1'-0"



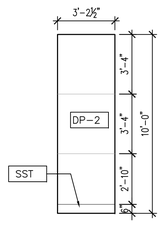
5 STERILE CORRIDOR WEST
1/4" = 1'-0"



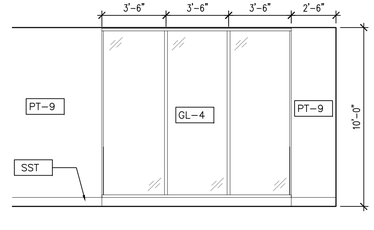
4 BOARDING LOUNGE EAST
1/4" = 1'-0"



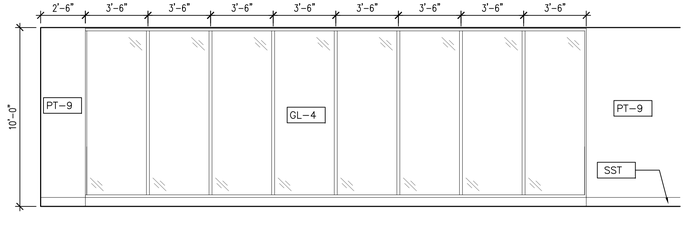
7 TSA CHECKPOINT PARTIAL NORTH
1/4" = 1'-0"



6 DOOR ALCOVE ELEVATION EAST/WEST
1/4" = 1'-0"



9 DEPLANING CORRIDOR EAST ELEVATION
1/4" = 1'-0"



8 DEPLANING CORRIDOR WEST ELEVATION
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

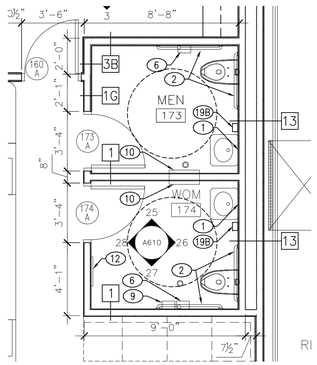
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

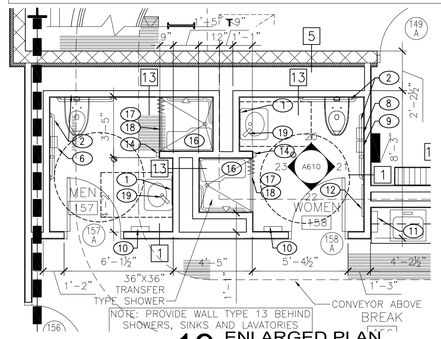
SHEET NUMBER
A608

BID PACKAGE 2A ISSUED FOR BID

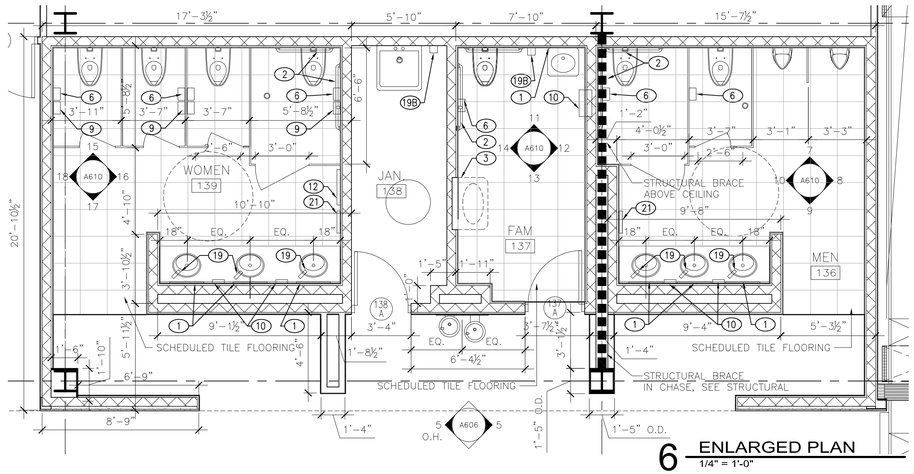
NOTES:
1. SEE A612 FOR ACCESSORY SCHEDULE.
2. PARTITIONS DIMENSIONED TO FACE OF WALL, TYP.
3. PROVIDE WOOD BLOCKING FOR TOILET PARTITIONS AND ACCESSORIES AT ALL STUD WALLS



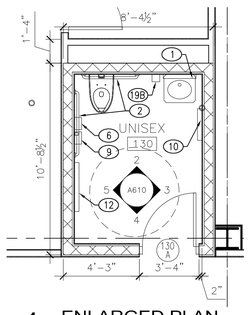
24 ENLARGED PLAN
1/4" = 1'-0"



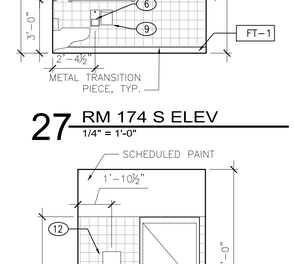
19 ENLARGED PLAN
1/4" = 1'-0"



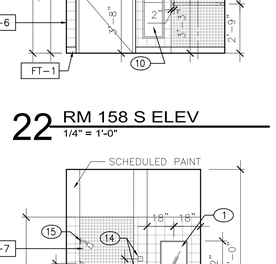
6 ENLARGED PLAN
1/4" = 1'-0"



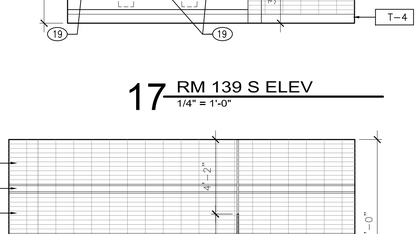
1 ENLARGED PLAN
1/4" = 1'-0"



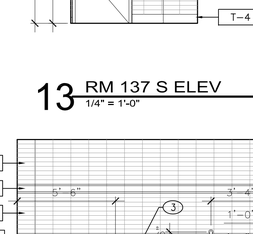
25 RM 174 N ELEV
1/4" = 1'-0"



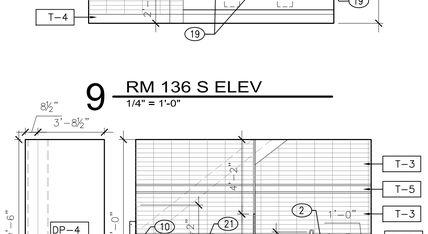
20 RM 158 N ELEV
1/4" = 1'-0"



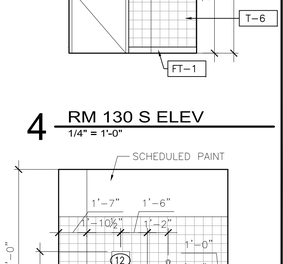
15 RM 139 N ELEV
1/4" = 1'-0"



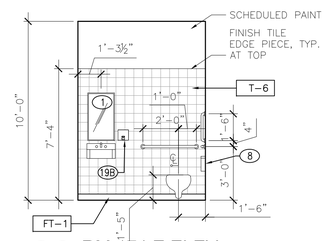
11 RM 137 N ELEV
1/4" = 1'-0"



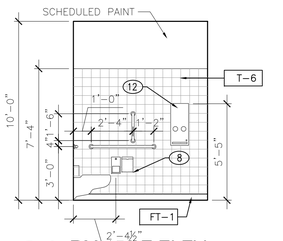
7 RM 136 N ELEV
1/4" = 1'-0"



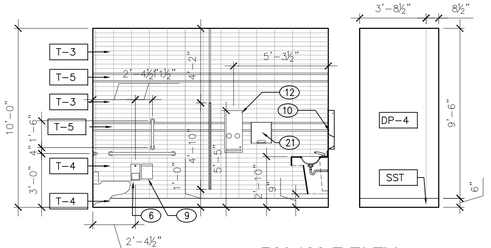
2 RM 130 N ELEV
1/4" = 1'-0"



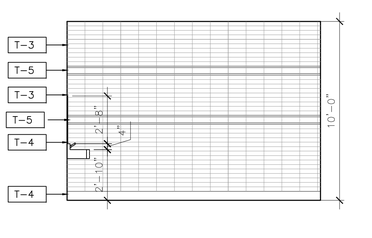
26 RM 174 E ELEV
1/4" = 1'-0"



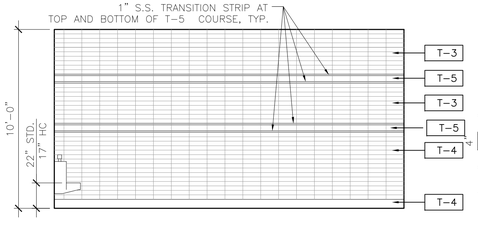
21 RM 158 E ELEV
1/4" = 1'-0"



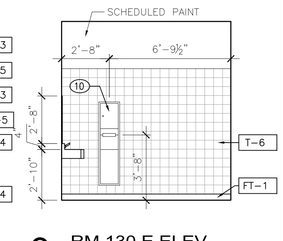
16 RM 139 E ELEV
1/4" = 1'-0"



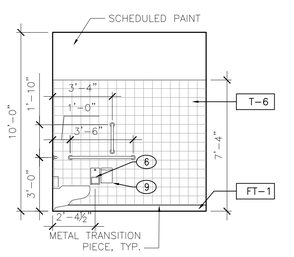
12 RM 137 E ELEV
1/4" = 1'-0"



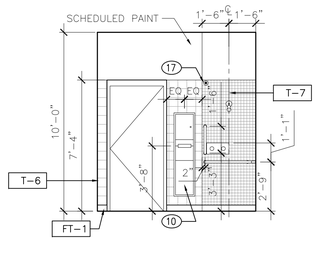
8 RM 136 E ELEV
1/4" = 1'-0"



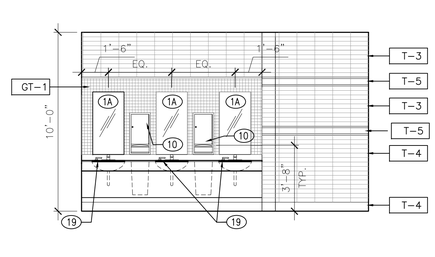
3 RM 130 E ELEV
1/4" = 1'-0"



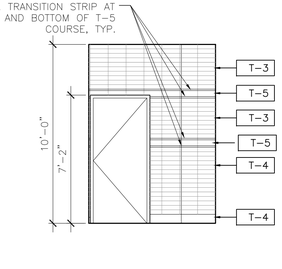
27 RM 174 S ELEV
1/4" = 1'-0"



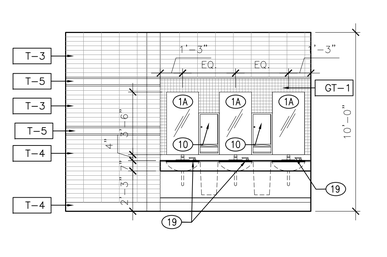
22 RM 158 S ELEV
1/4" = 1'-0"



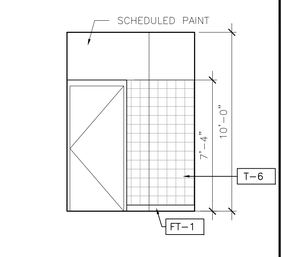
17 RM 139 S ELEV
1/4" = 1'-0"



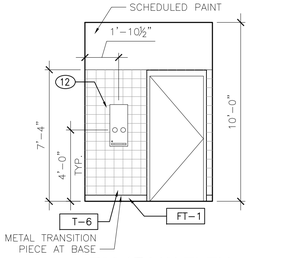
13 RM 137 S ELEV
1/4" = 1'-0"



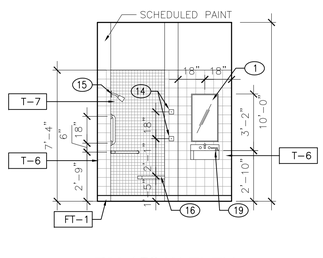
9 RM 136 S ELEV
1/4" = 1'-0"



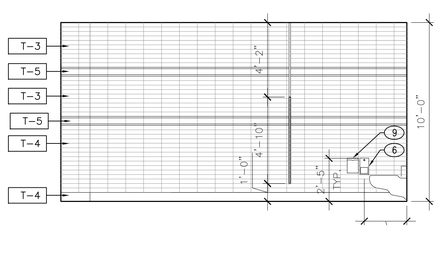
4 RM 130 S ELEV
1/4" = 1'-0"



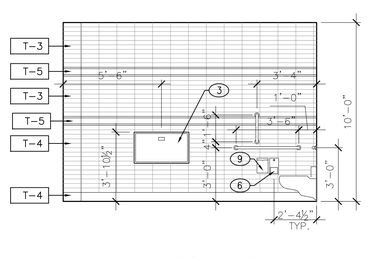
28 RM 174 W ELEV
1/4" = 1'-0"



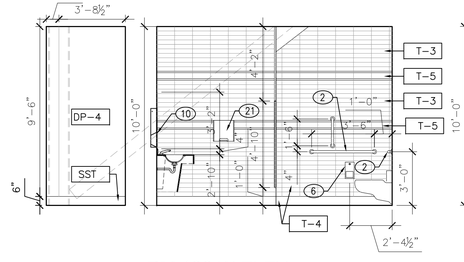
23 RM 158 W ELEV
1/4" = 1'-0"



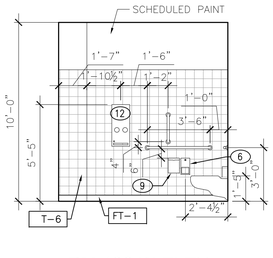
18 RM 139 W ELEV
1/4" = 1'-0"



14 RM 137 W ELEV
1/4" = 1'-0"



10 RM 136 W ELEV
1/4" = 1'-0"



5 RM 130 W ELEV
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
5	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

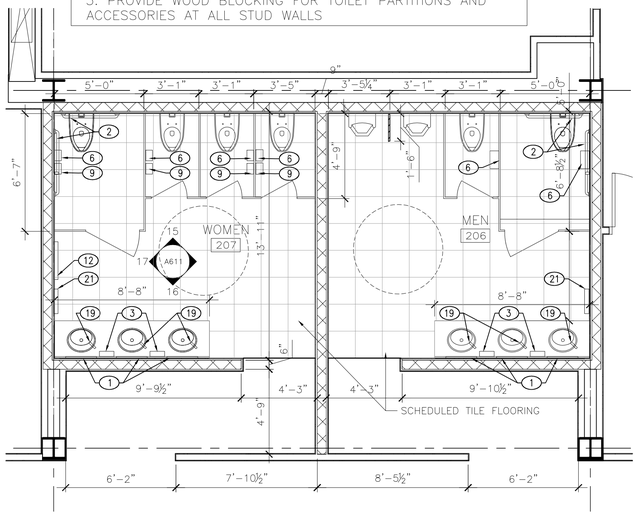
SHEET TITLE
INTERIOR SYSTEMS RESTROOMS

SHEET NUMBER
A610

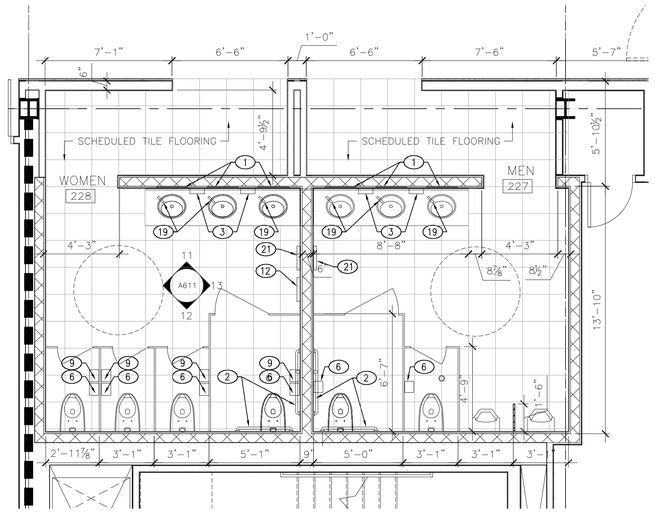
BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A610 Interior System Sheet – Restrooms.dwg Plotted on: 1/28/2011 8:06 PM Plotted by: lp, Mark

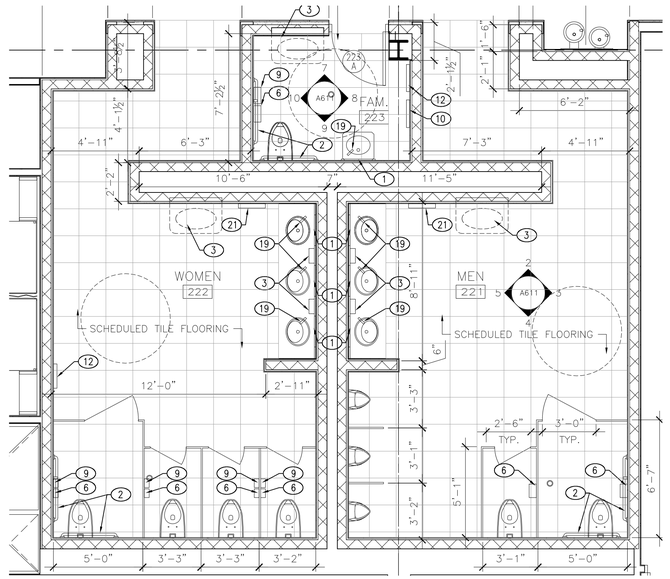
NOTES:
1. SEE A612 FOR ACCESSORY SCHEDULE.
2. PARTITIONS DIMENSIONED TO FACE OF WALL, TYP.
3. PROVIDE WOOD BLOCKING FOR TOILET PARTITIONS AND ACCESSORIES AT ALL STUD WALLS



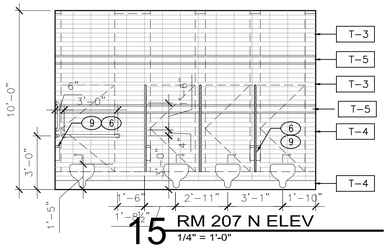
14 ENLARGED PLAN
1/4" = 1'-0"



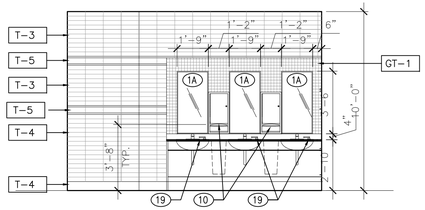
6 ENLARGED PLAN
1/4" = 1'-0"



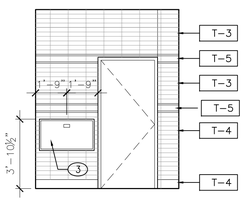
1 ENLARGED PLAN
1/4" = 1'-0"



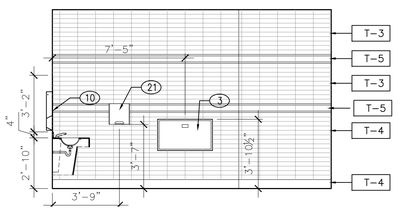
15 RM 207 N ELEV
1/4" = 1'-0"



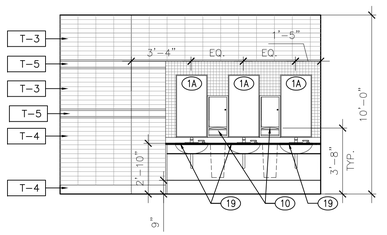
11 RM 228 E ELEV
1/4" = 1'-0"



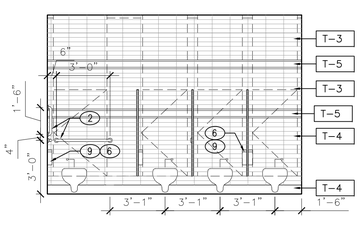
7 RM 223 N ELEV
1/4" = 1'-0"



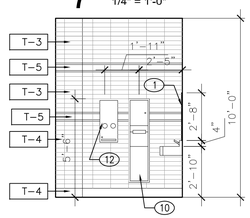
2 RM 221 N ELEV
1/4" = 1'-0"



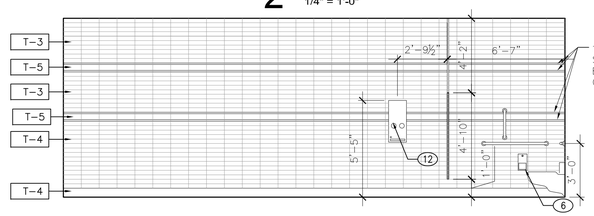
16 RM 207 S ELEV
1/4" = 1'-0"



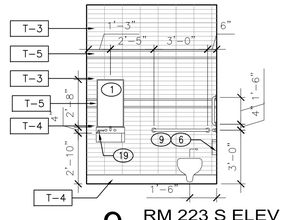
12 RM 228 S ELEV
1/4" = 1'-0"



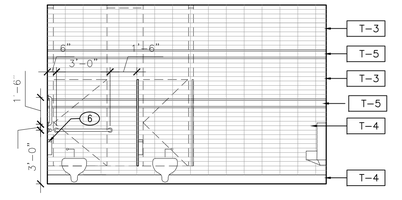
8 RM 223 E ELEV
1/4" = 1'-0"



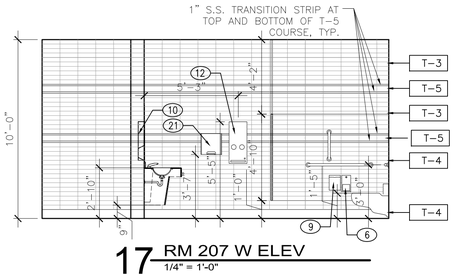
3 RM 221 E ELEV
1/4" = 1'-0"



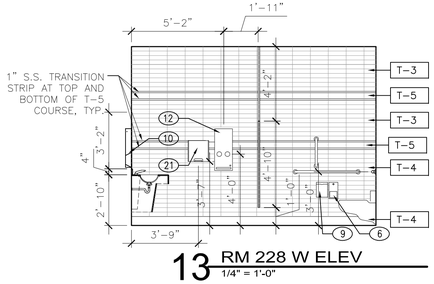
9 RM 223 S ELEV
1/4" = 1'-0"



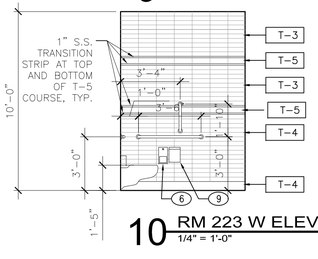
4 RM 221 S ELEV
1/4" = 1'-0"



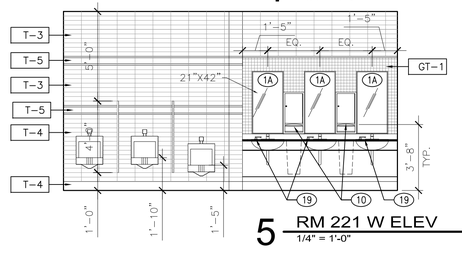
17 RM 207 W ELEV
1/4" = 1'-0"



13 RM 228 W ELEV
1/4" = 1'-0"



10 RM 223 W ELEV
1/4" = 1'-0"



5 RM 221 W ELEV
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR SYSTEMS RESTROOMS

SHEET NUMBER
A611

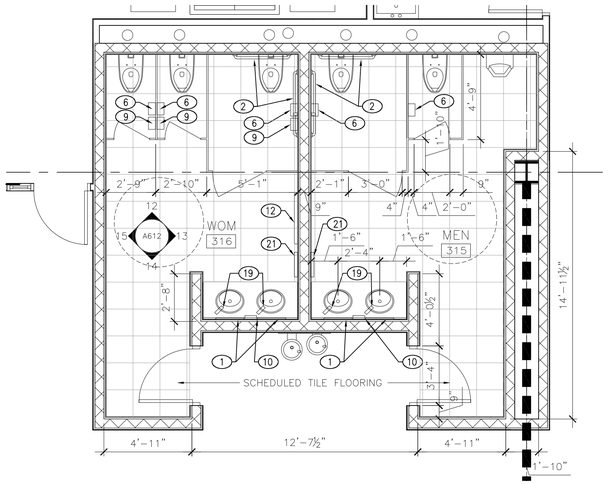
BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A611 Interior System Sheet – Restrooms.dwg Plotted on: 1/28/2011 8:06 PM Plotted by: ip, Mark

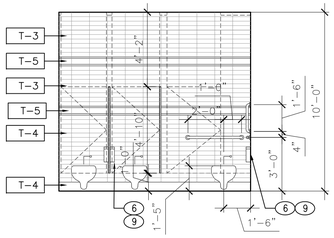
Tag #	Item	Manufacturer	Model Number	Description
1	Mirror	Bobrick	B-290 1832	Welded Frame mirror
1A	Mirror	Bobrick	B-290 2142	Welded Frame mirror
2	Stainless Steel Grab Bar	Bobrick	B-6800 Series	1 1/2" Dia. Satin
3	Recessed Baby Change Station	Koala Kare	KB110-SSRE	Horizontal Recess Mounted with SS Finish
4	Stainless Steel Two Wall Shower Grab Bar	Bobrick	B-6800 Series	1 1/2" Dia. Satin
5	DELETED			
5A	DELETED			
6	Toilet Tissue Dispenser (Wall)	Bobrick	B-4288	Contura surface mounted multi-roll
7	DELETED			
7A	DELETED			
8	DELETED			
9	Sanitary Napkin Disposal (Wall)	Bobrick	B-270	Contura Surface Mounted Disposal
10	Paper Towel Dispenser/Disposal	Bobrick	B-43944	Contura Recessed
11	Short Paper Towel Dispenser	Bobrick	B-4262	Contura Surface Mounted Dispenser
12	Sanitary Napkin Dispenser	Bobrick	B-4706 25	Contura Recessed
13	DELETED			
14	Towel Hook	Bobrick	B-677	Stainless Steel, Polished
15	DELETED			
16	Shower Seat	Bobrick	B-5181	Reversible Folding Shower Seat
17	Shower Curtain Rod	Bobrick	B-207	Shower Curtain Rod with Concealed Mtg.
18	Shower Curtain	Bobrick	204-2	Vinyl Shower Curtain
19	Soap Dispenser (Surface)	Bobrick	B-826	Automatic Liquid Soap Dispenser
19B	Soap Dispenser (Wall)	Bobrick	B-4112	Contura Surface Mounted Soap Dispenser
20	DELETED			
21	Surface Mounted Hand Dryer	Bobrick	B-7128	Trimline Surface Mounted in Stainless
22	Mop and Broom Holder	Bobrick	B-223x24	Mounted 72" from Finished Floor at all Mop Sinks typ.

16 TOILET ACCESSORY SCHEDULE
1/4" = 1'-0"

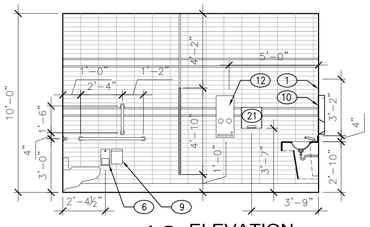
NOTES:
1. SEE A612 FOR ACCESSORY SCHEDULE.
2. PARTITIONS DIMENSIONED TO FACE OF WALL, TYP.
3. PROVIDE WOOD BLOCKING FOR TOILET PARTITIONS AND ACCESSORIES AT ALL STUD WALLS



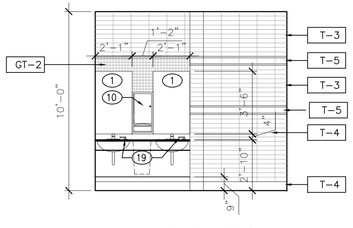
11 ENLARGED PLAN
1/4" = 1'-0"



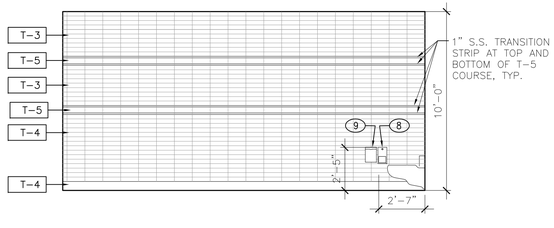
12 ELEVATION
1/4" = 1'-0"



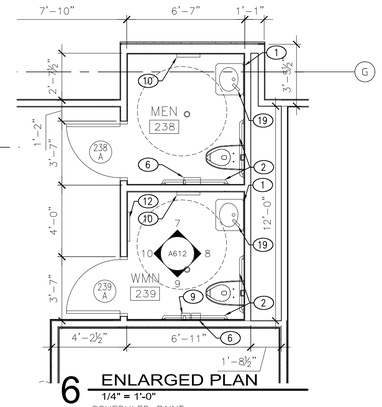
13 ELEVATION
1/4" = 1'-0"



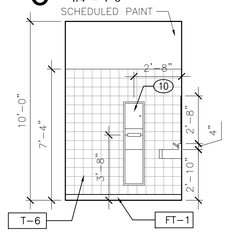
14 ELEVATION
1/4" = 1'-0"



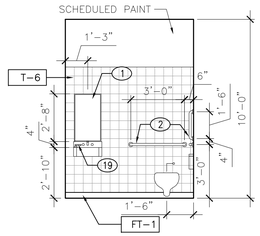
15 ELEVATION
1/4" = 1'-0"



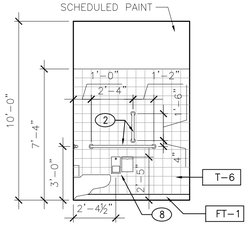
6 ENLARGED PLAN
1/4" = 1'-0"



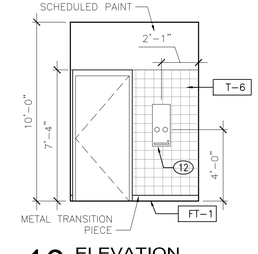
7 ELEVATION
1/4" = 1'-0"



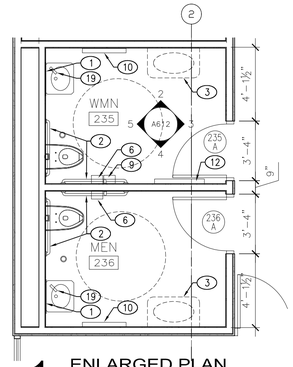
8 ELEVATION
1/4" = 1'-0"



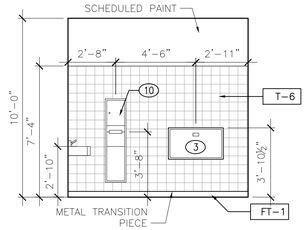
9 ELEVATION
1/4" = 1'-0"



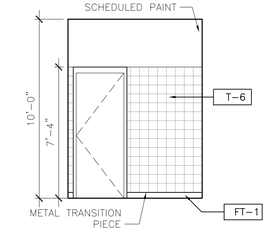
10 ELEVATION
1/4" = 1'-0"



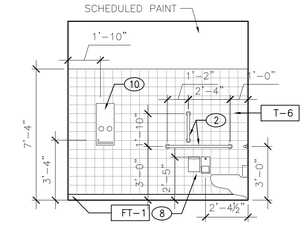
1 ENLARGED PLAN
1/4" = 1'-0"



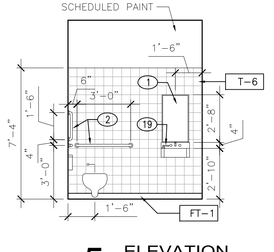
2 ELEVATION
1/4" = 1'-0"



3 ELEVATION
1/4" = 1'-0"



4 ELEVATION
1/4" = 1'-0"



5 ELEVATION
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
1,2,3	NOT CHANGED	
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MI/MK
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

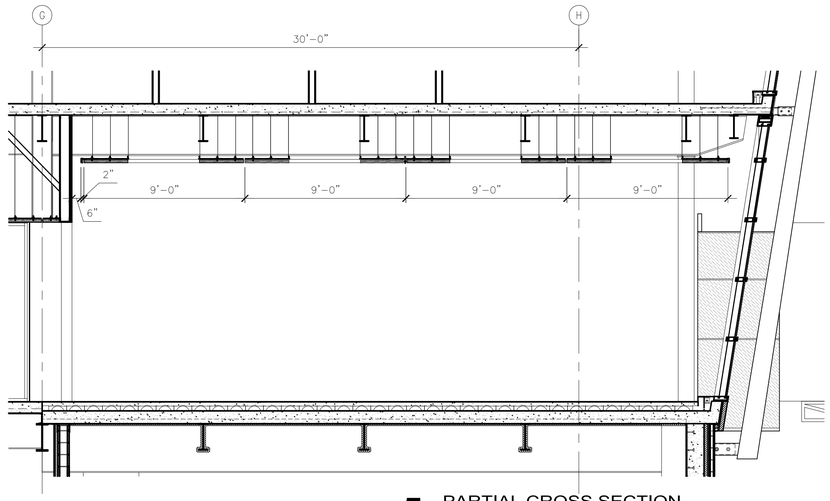
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR SYSTEMS RESTROOMS

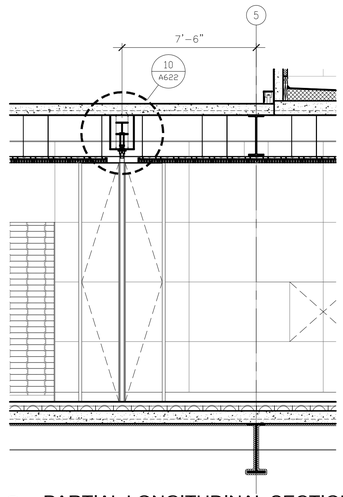
SHEET NUMBER
A612

BID PACKAGE 2A ISSUED FOR BID

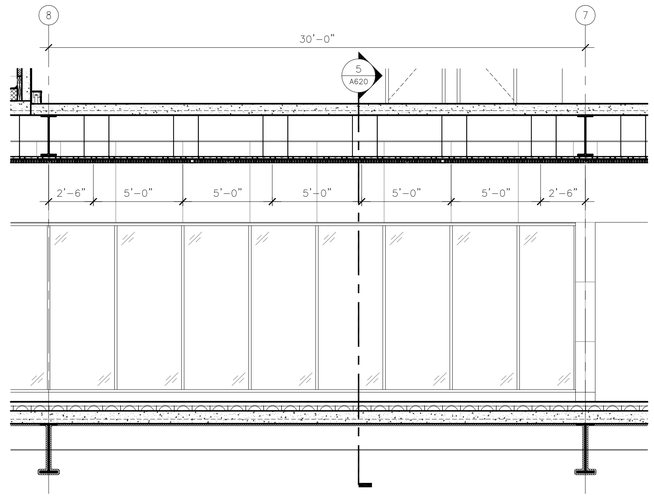
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A612 Interior System Sheet – Restrooms.dwg Plotted on: 1/28/2011 8:07 PM Plotted by: ip, Mark



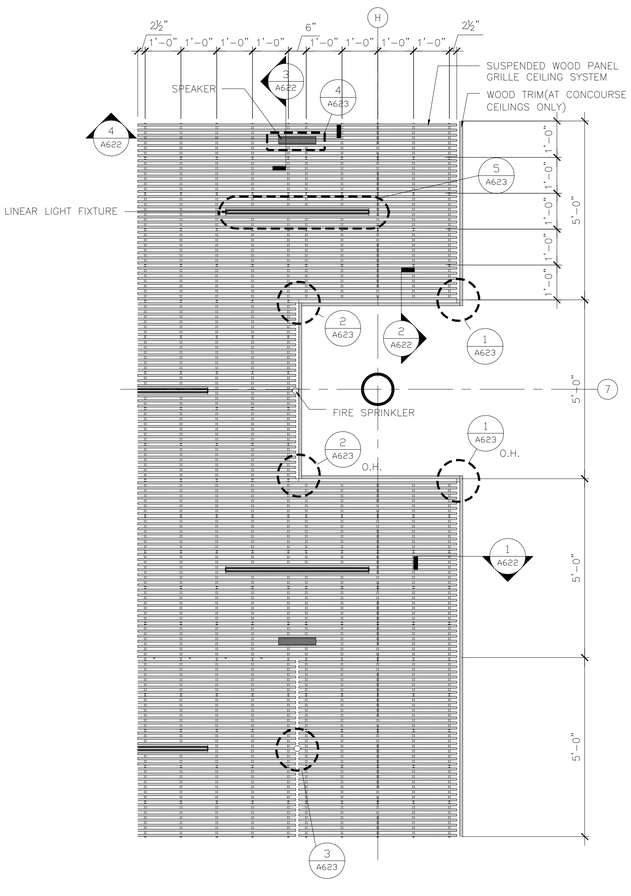
5 PARTIAL CROSS SECTION
1/4" = 1'-0"



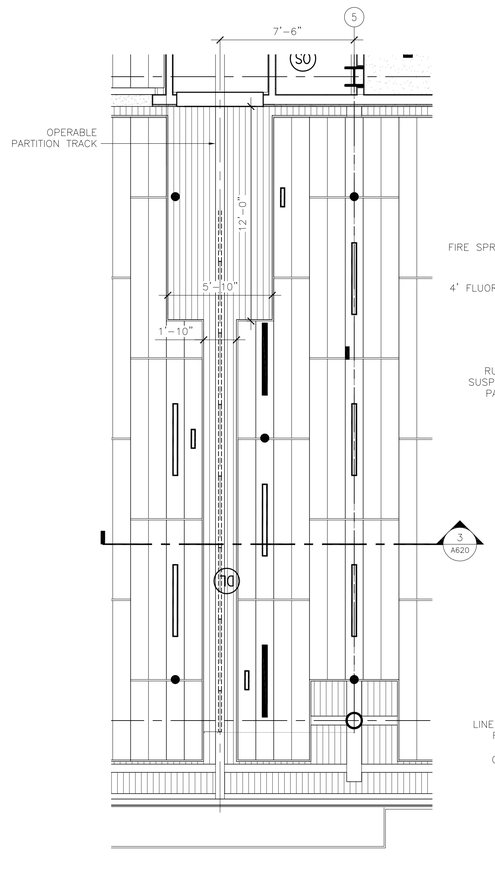
3 PARTIAL LONGITUDINAL SECTION
1/4" = 1'-0"



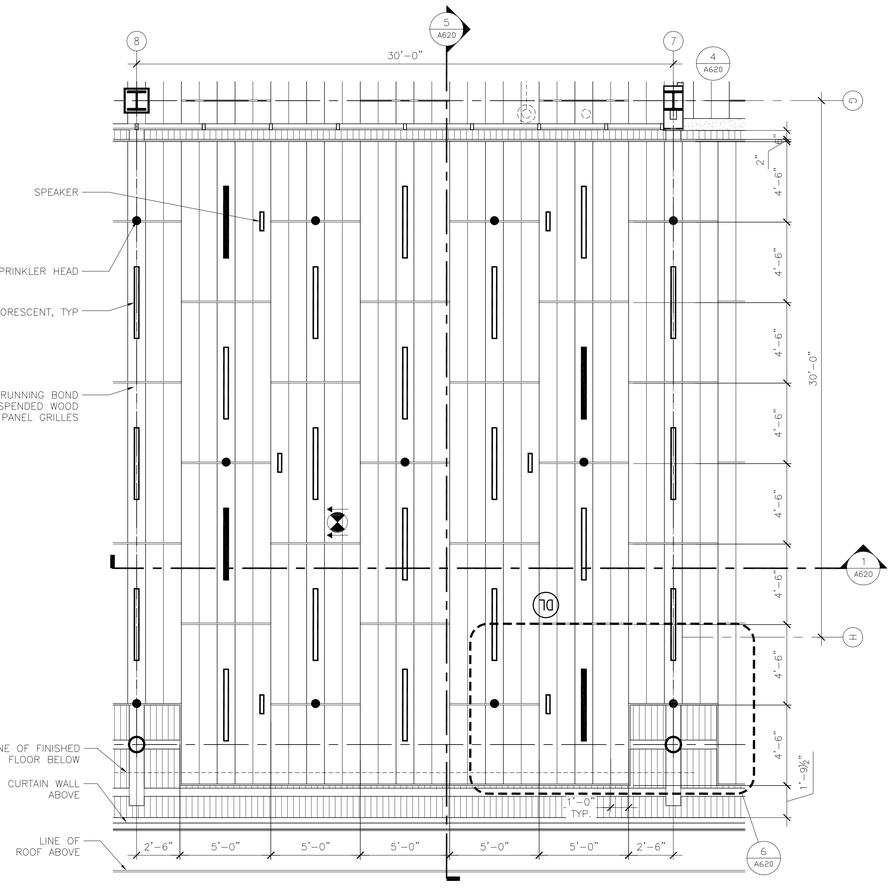
1 PARTIAL LONGITUDINAL SECTION
1/4" = 1'-0"



6 ENLARGED PLAN DETAIL
1/2" = 1'-0"



4 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"



2 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: XX
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 01-24-11 12:00p

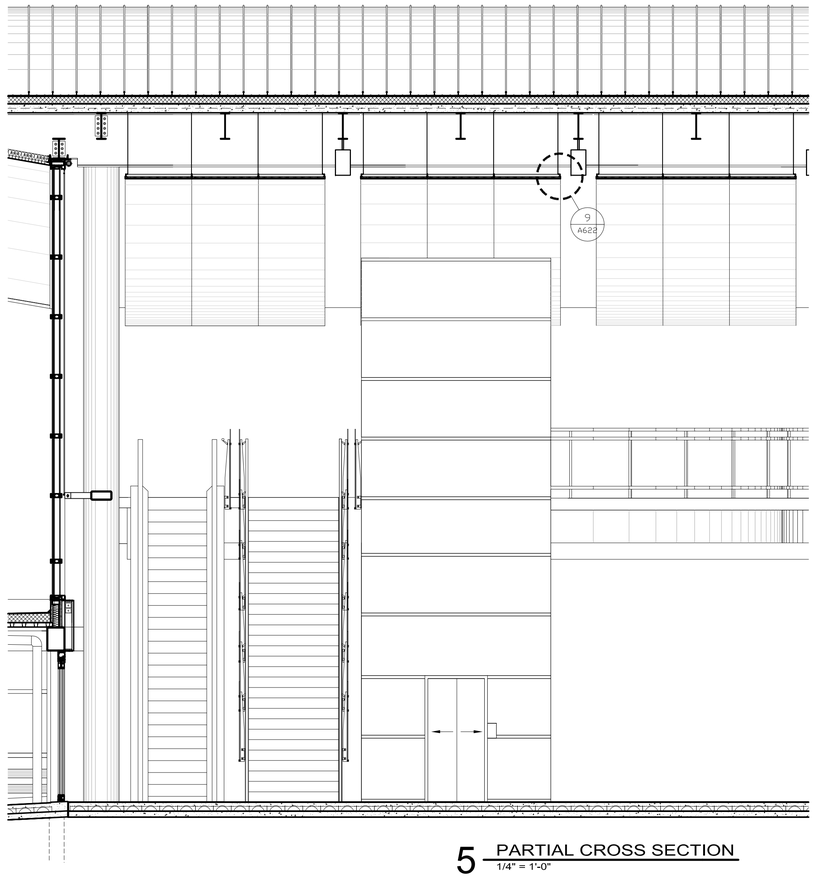
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR SYSTEM SHEET WOOD CEILING

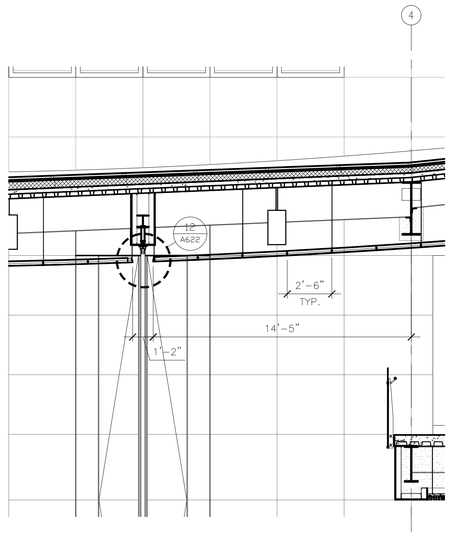
SHEET NUMBER
A620

BID PACKAGE 2A ISSUED FOR BID

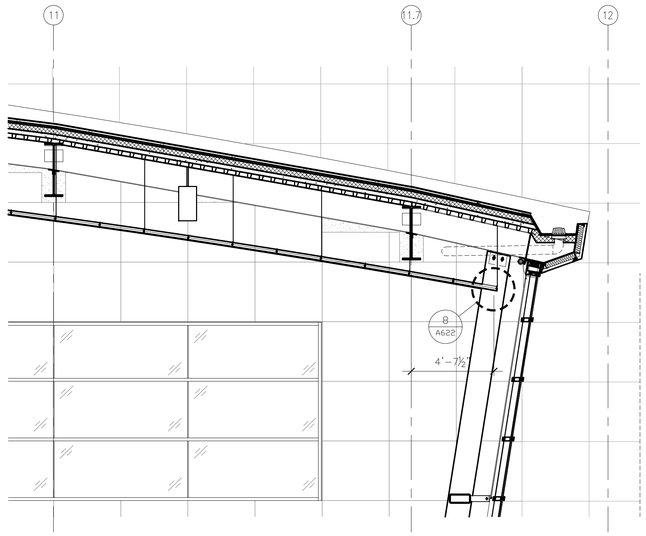
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A620 Interior System Sheet - Wood Ceilings.dwg Plotted on: 1/28/2011 8:13 PM Plotted by: ip, Mark



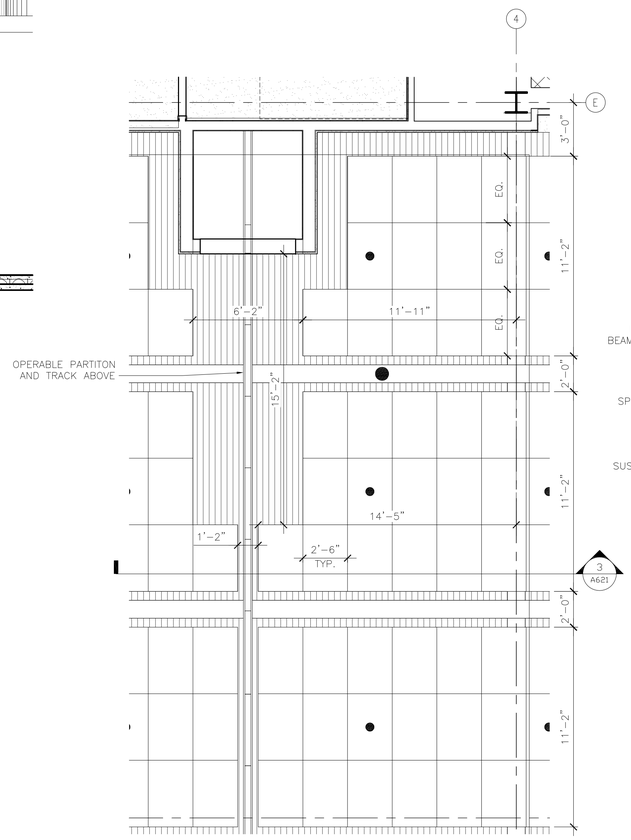
5 PARTIAL CROSS SECTION
1/4" = 1'-0"



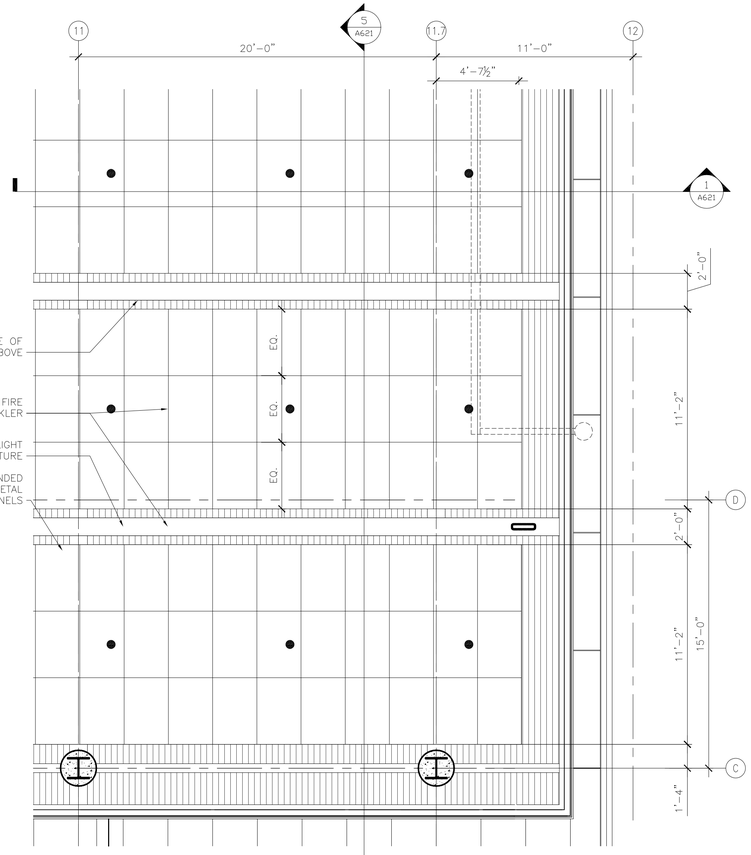
3 PARTIAL LONGITUDINAL SECTION
1/4" = 1'-0"



1 PARTIAL CROSS SECTION
1/4" = 1'-0"



4 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"



2 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: XX
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
XXX.[illegible]-00 12:00p
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

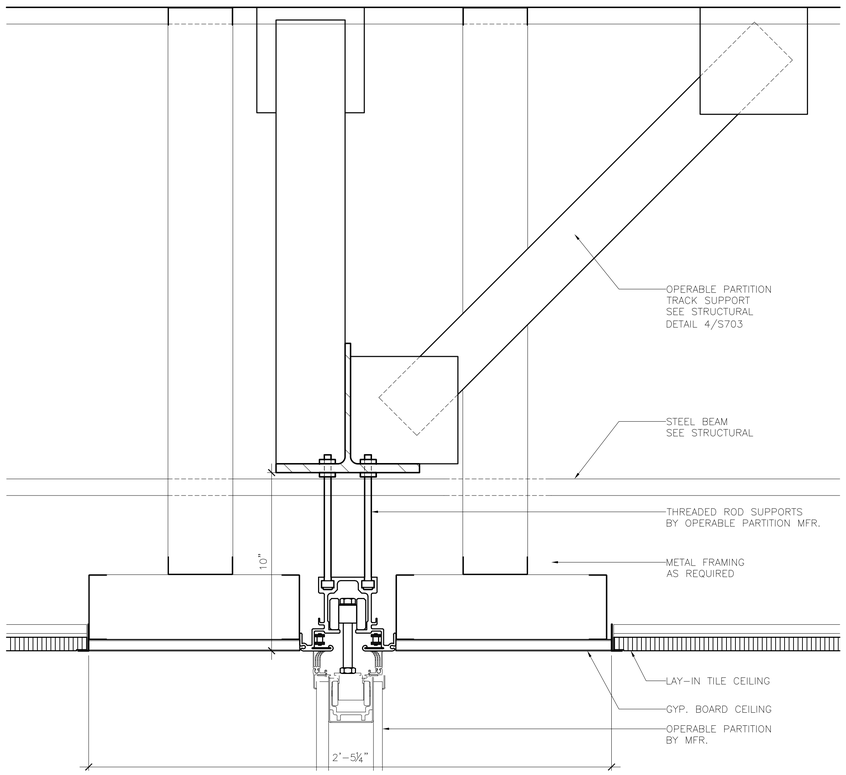
SHEET TITLE

INTERIOR SYSTEM SHEET METAL CEILING

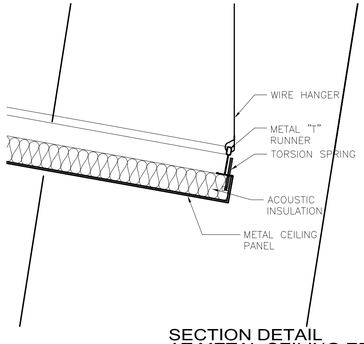
SHEET NUMBER

A621

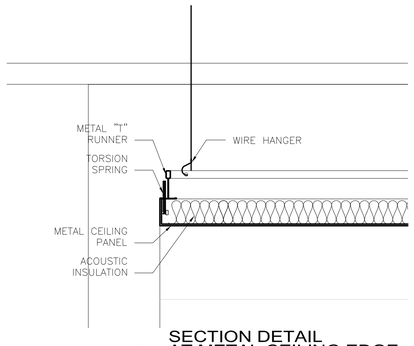
BID PACKAGE 2A ISSUED FOR BID



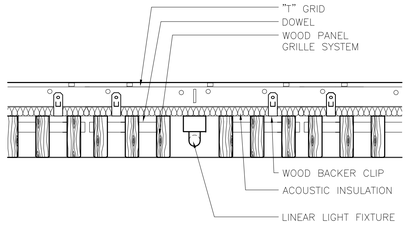
11 SECTION DETAIL AT OPERABLE PARTITION
3" = 1'-0"



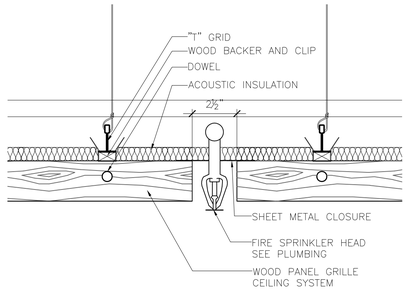
8 SECTION DETAIL AT METAL CEILING EDGE
3" = 1'-0"



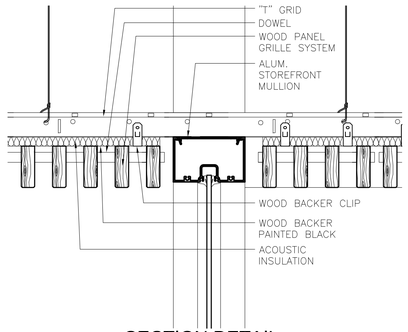
9 SECTION DETAIL AT METAL CEILING EDGE
3" = 1'-0"



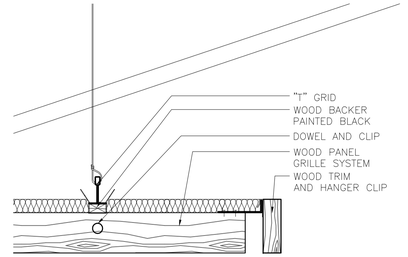
5 SECTION DETAIL LIGHT AT WOOD CEILING
3" = 1'-0"



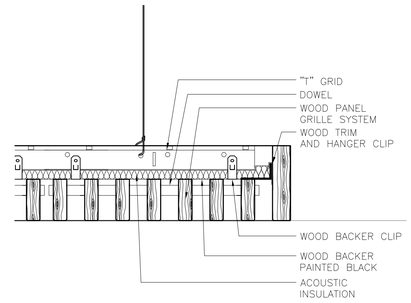
6 SECTION DETAIL SPRINKLER AT WOOD CEILING
3" = 1'-0"



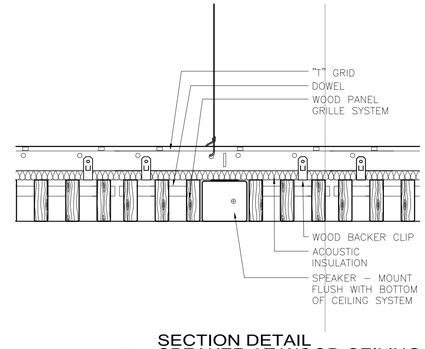
7 SECTION DETAIL AT FBO STOREFRONT
3" = 1'-0"



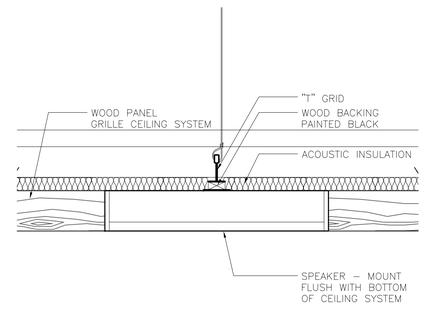
1 SECTION DETAIL WOOD CEILING TRIM
3" = 1'-0"
AT CONCOURSE CEILING ONLY



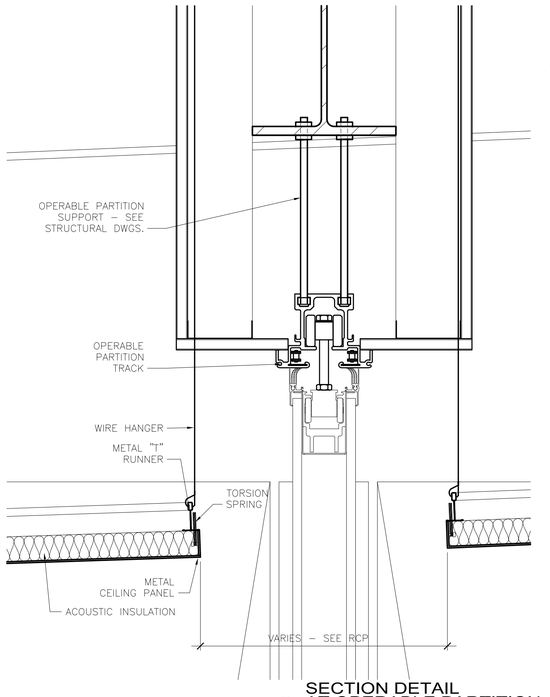
2 SECTION DETAIL WOOD CEILING TRIM
3" = 1'-0"
AT CONCOURSE CEILING ONLY



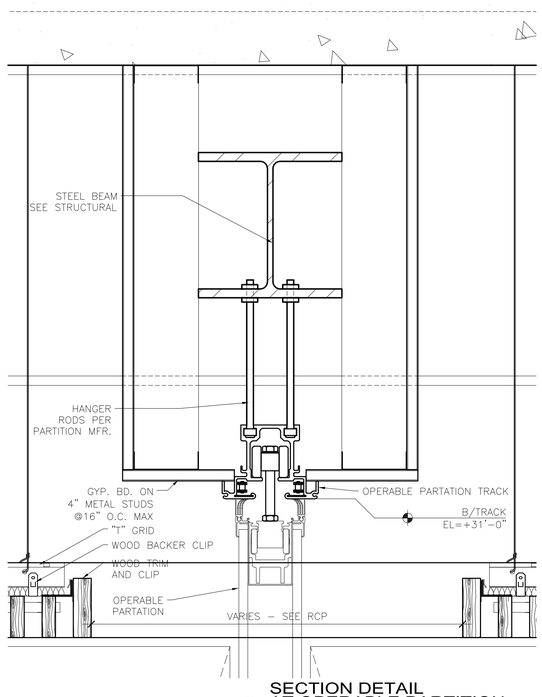
3 SECTION DETAIL SPEAKER AT WOOD CEILING
3" = 1'-0"



4 SECTION DETAIL SPEAKER AT WOOD CEILING
3" = 1'-0"



12 SECTION DETAIL AT OPERABLE PARTITION
3" = 1'-0"



10 SECTION DETAIL AT OPERABLE PARTITION
3" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MG
DESIGNED BY: TC

AEP PROJECT NUMBER
XXX.XWP 213-1882-091 01-28-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

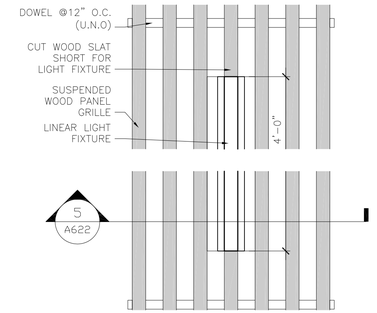
CEILING SECTION DETAILS

SHEET NUMBER

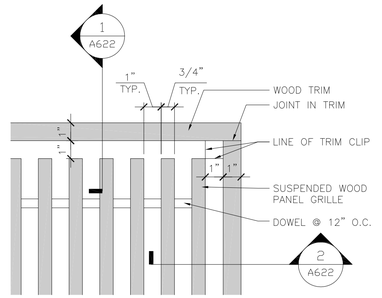
A622

BID PACKAGE 2A ISSUED FOR BID

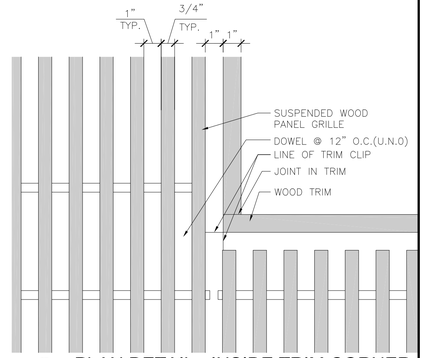
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A622 Ceiling Section Details.dwg Plotted on: 1/28/2011 8:21 PM Plotted by: Ip, Mark



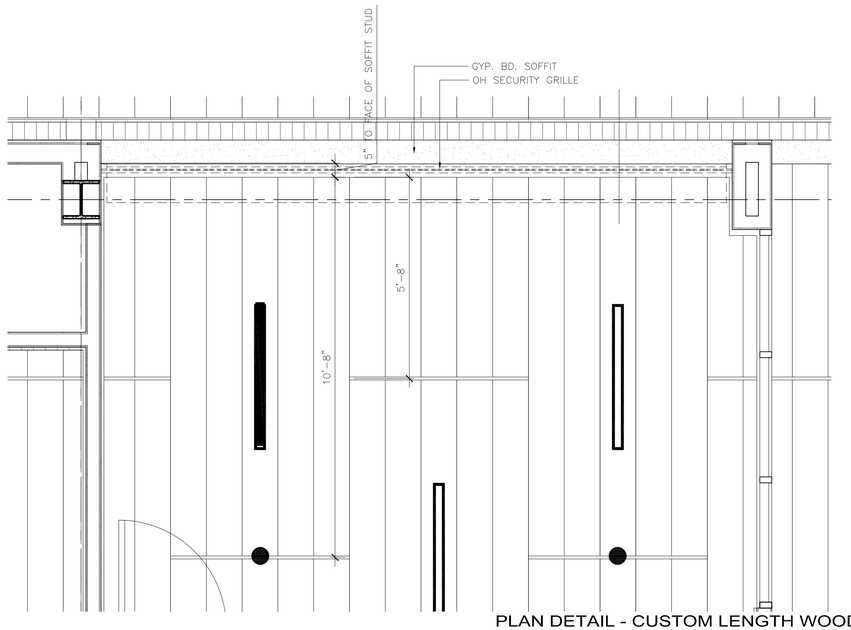
5 PLAN DETAIL - LINER FLUORESCENT LIGHT
3" = 1'-0"



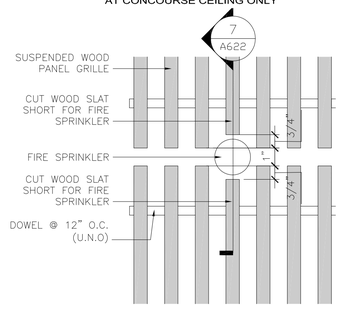
1 PLAN DETAIL - OUTSIDE TRIM CORNER
3" = 1'-0"
AT CONCOURSE CEILING ONLY



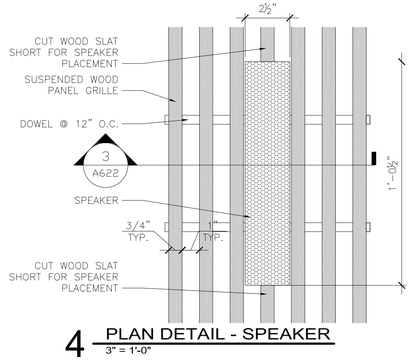
2 PLAN DETAIL - INSIDE TRIM CORNER
3" = 1'-0"
AT CONCOURSE CEILING ONLY



6 PLAN DETAIL - CUSTOM LENGTH WOOD CEILINGS @ OVERHEAD SECURITY GRILLES
3" = 1'-0"



3 PLAN DETAIL - SPRINKLER HEAD
3" = 1'-0"



4 PLAN DETAIL - SPEAKER
3" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: XX
DRAWN BY: XX
DESIGNED BY: XX

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 06-03-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

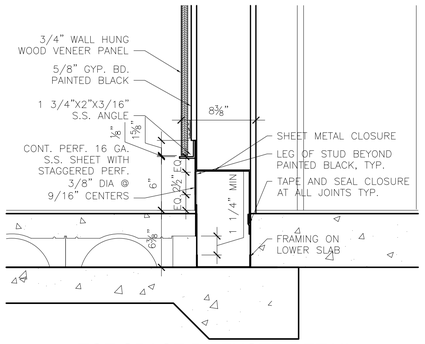
SHEET TITLE

CEILING PLAN DETAILS

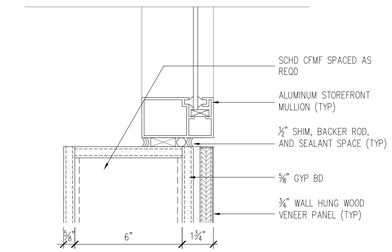
SHEET NUMBER

A623

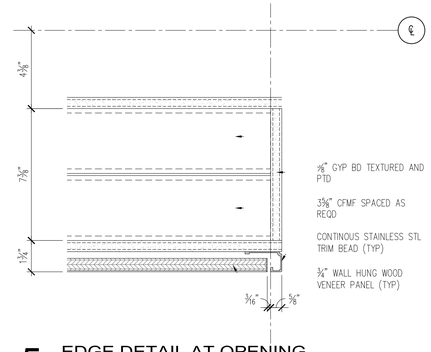
BID PACKAGE 2A ISSUED FOR BID



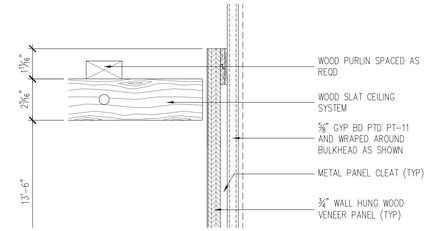
13 TOE SPACE DIFFUSER DETAIL
1 1/2" = 1'-0"



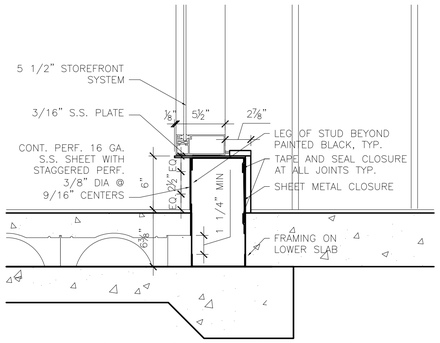
9 STOREFRONT SYSTEM BASE DETAIL



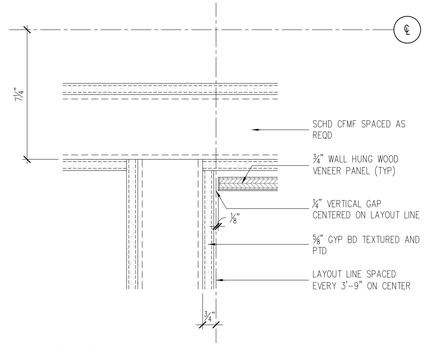
5 EDGE DETAIL AT OPENING
3" = 1'-0"



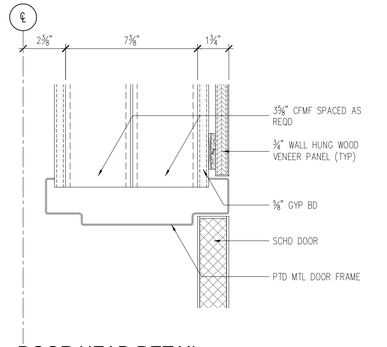
1 CEILING DETAIL AT MEZZANINE
3" = 1'-0"



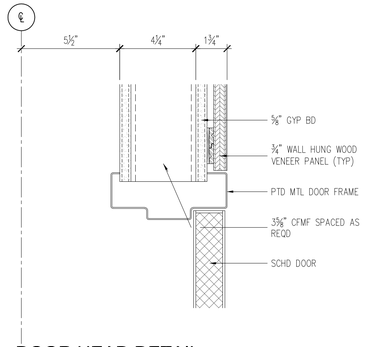
14 TOE SPACE DIFFUSER DETAIL
1 1/2" = 1'-0"



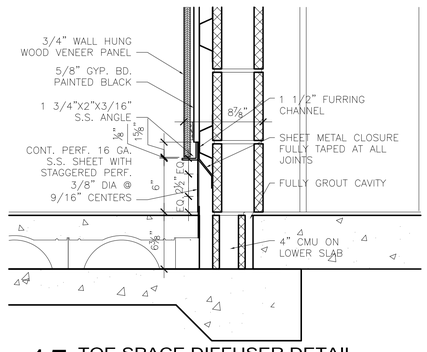
10 INSIDE CORNER DETAIL
3" = 1'-0"



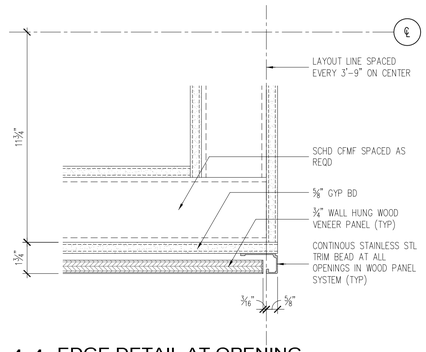
6 DOOR HEAD DETAIL
3" = 1'-0"



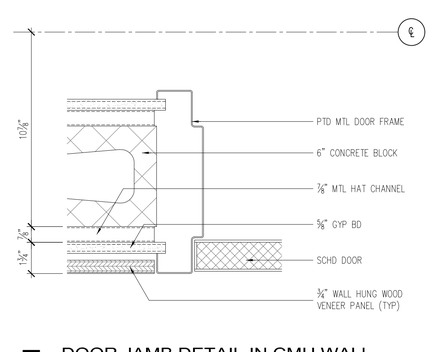
2 DOOR HEAD DETAIL
3" = 1'-0"



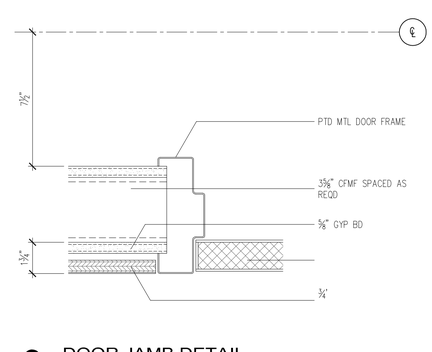
15 TOE SPACE DIFFUSER DETAIL
1 1/2" = 1'-0"



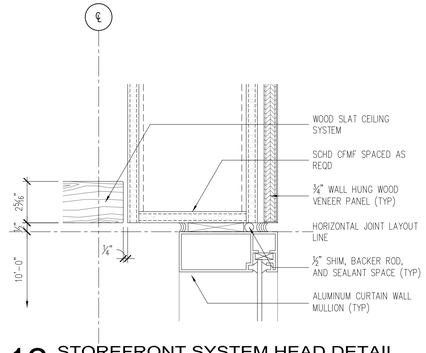
11 EDGE DETAIL AT OPENING
3" = 1'-0"



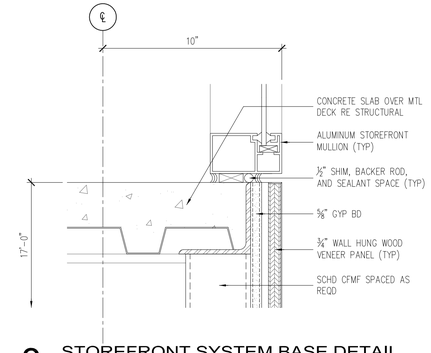
7 DOOR JAMB DETAIL IN CMU WALL
3" = 1'-0"



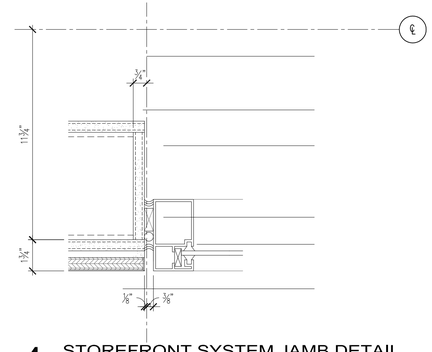
3 DOOR JAMB DETAIL
3" = 1'-0"



12 STOREFRONT SYSTEM HEAD DETAIL
3" = 1'-0"



8 STOREFRONT SYSTEM BASE DETAIL
3" = 1'-0"



4 STOREFRONT SYSTEM JAMB DETAIL
3" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

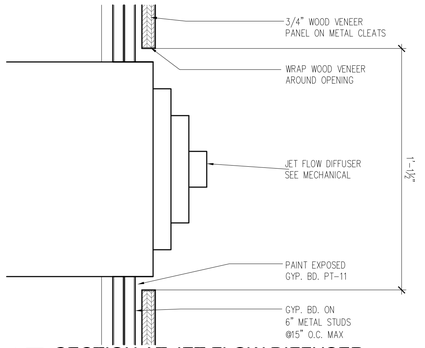
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
FEATURE WALL SYSTEM DETAILS

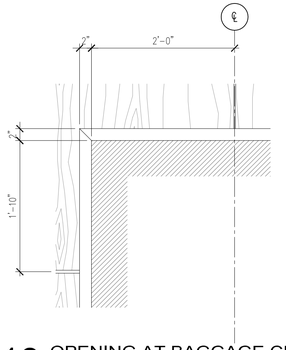
SHEET NUMBER
A630

BID PACKAGE 2A ISSUED FOR BID

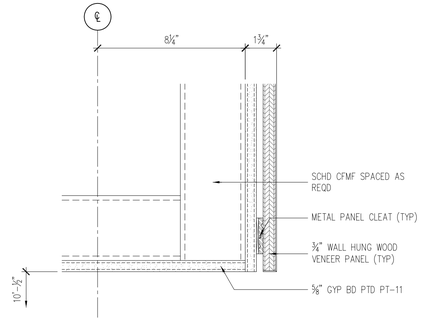
Drawing: t:\P\213188 2.091 Duluth New Terminal\Cad\A\Sheets\A630 Feature Wall System Details.dwg Plotted on: 1/28/2011 8:25 PM Plotted by: lp, Mark



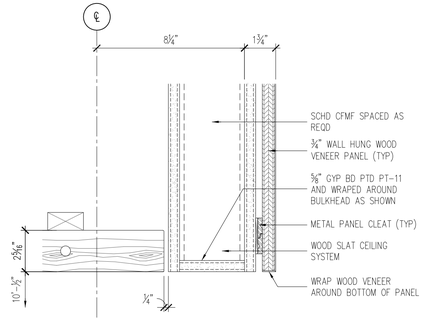
17 SECTION AT JET FLOW DIFFUSER
3" = 1'-0"



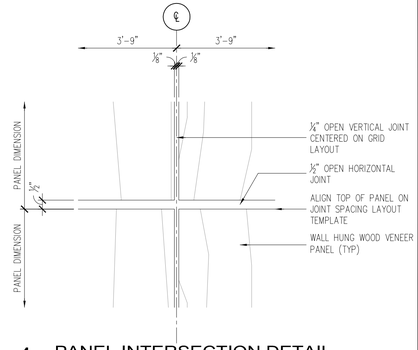
13 OPENING AT BAGGAGE CHUTE
1" = 1'-0"



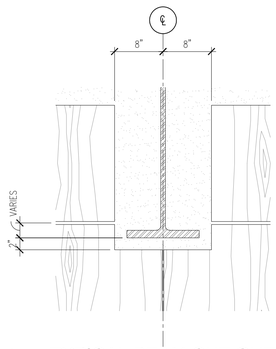
9 BULKHEAD DETAIL AT GYP BD CEILING
3" = 1'-0"



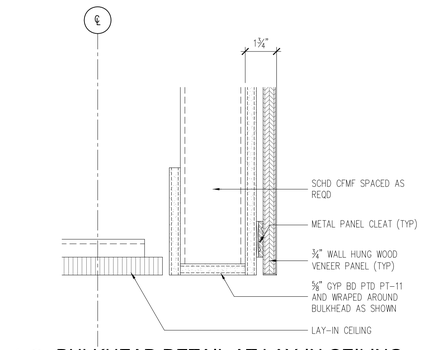
5 BULKHEAD DETAIL AT WOOD CEILING
3" = 1'-0"



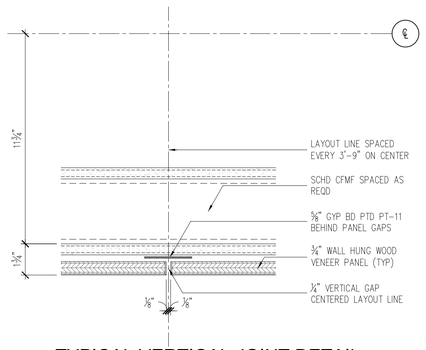
1 PANEL INTERSECTION DETAIL
3" = 1'-0"



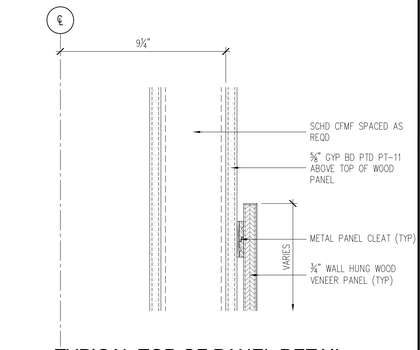
14 TYPICAL BEAM CUT OUT
1" = 1'-0"



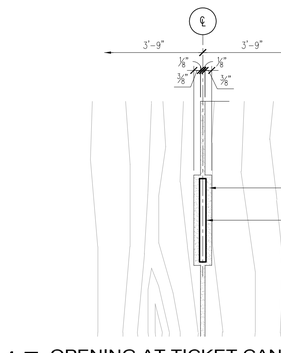
10 BULKHEAD DETAIL AT LAY-IN CEILING
3" = 1'-0"



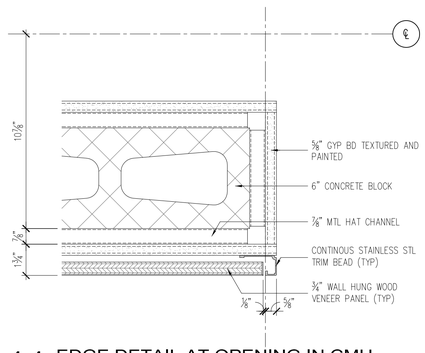
6 TYPICAL VERTICAL JOINT DETAIL
3" = 1'-0"



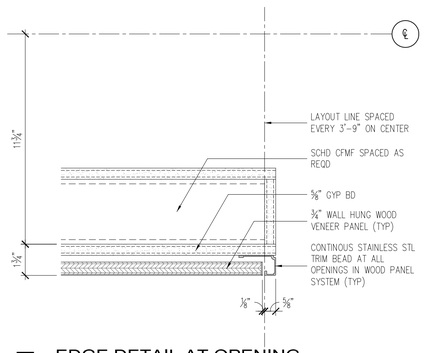
2 TYPICAL TOP OF PANEL DETAIL
3" = 1'-0"



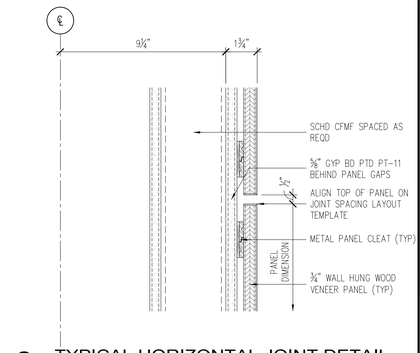
15 OPENING AT TICKET CANOPY SUPPORT
3" = 1'-0"



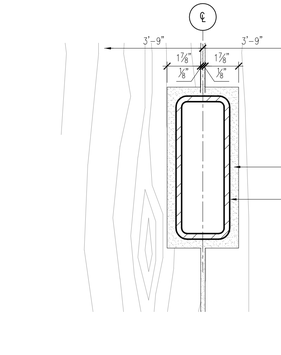
11 EDGE DETAIL AT OPENING IN CMU
3" = 1'-0"



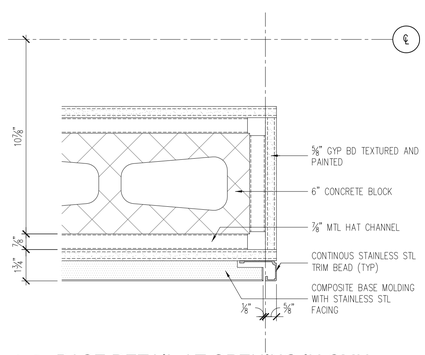
7 EDGE DETAIL AT OPENING
3" = 1'-0"



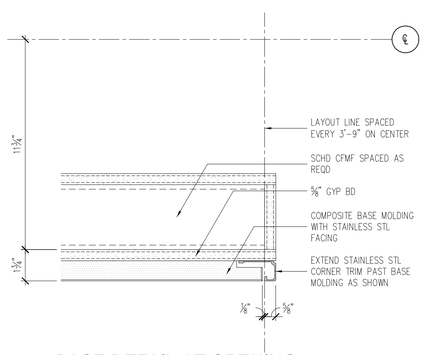
3 TYPICAL HORIZONTAL JOINT DETAIL
3" = 1'-0"



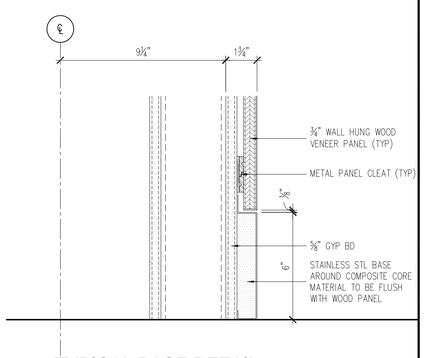
16 OPENING AT TICKET CANOPY SUPPORT
3" = 1'-0"



12 BASE DETAIL AT OPENING IN CMU
3" = 1'-0"



8 BASE DETAIL AT OPENING
3" = 1'-0"



4 TYPICAL BASE DETAIL
3" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

A&P PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
FEATURE WALL SYSTEM DETAILS

SHEET NUMBER
A631

BID PACKAGE 2A ISSUED FOR BID

DOOR SCHEDULE - FIRST FLOOR

Door Number	Opening Width	Opening Height	Door Thick	Door Type	Frame Mat.	Frame Type	Frame Mat.	Rating	Details Head	Details Sill	Details Jamb	Hdwr. Group	Remarks
100A	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	1/A520	--	4/A511	--	2, 6
100B	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	1/A520	--	4/A511	--	2
100C	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	--	--	5/A511	47	2
100D	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	--	--	5/A511	47	2
101A	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	1/A520	--	4/A511	--	2
101B	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	1/A520	--	4/A511	--	2
101C	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	--	--	5/A511	47	2
101D	15'-2"	7'-0"	1 3/4"	D	ALUM.	4	ALUM.	--	--	--	5/A511	47	2
106A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	9	
107A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
108A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	9	
109A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
110A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	9	
111A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
112A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	9	
113A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
114A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	9	
115A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
117A	3'-4"	7'-0"	1 3/4"	--	H.M.	--	H.M.	--	1/A702	--	2/A702	43	
117B	5'-0"	7'-0"	1 3/4"	--	--	--	--	--	--	--	--	--	
120A	3'-4"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	3	
120B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	1	
122A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
123A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
123B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	20	
124A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
125A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
125B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	20	
126A	9'-0"	7'-0"	1"	E	STL.	--	STL.	--	11/A702	12/A702	13/A702	--	4
126B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	1/A702	2/A702	4/A702	40	
126C	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	16	
127A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
127B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	20	
128A	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	--	1/A702	2/A702	4/A702	37	
130A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	14	
131A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
131B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	9	
133A	3'-0"	7'-0"	1 3/4"	--	H.M.	--	H.M.	--	2/A630	--	3/A630	1	
133B	DELETED												
133C	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	1	8/A703	--	9/A703	31	
133D	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	
134A	2'-8"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	13	
135A	2'-8"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	13	
137A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	7/A630	14	
138A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	7/A630	9	
140A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	
140B	6'-0"	7'-0"	1 3/4"	--	H.M.	--	H.M.	1	--	--	--	46	
141A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
142A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
143A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	12	
144A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	9	
145A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	9	
146A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	9	
148A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
149A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	48	
149B	4'-0"	6'-8"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	5	
150A	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	3	
151A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	
153A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	12	
155B	9'-6"	7'-0"	1 3/4"	--	H.M.	--	H.M.	--	2/A630	--	3/A630	30	
156A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
157A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	14	
158A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	14	
159A	21'-0"	7'-0"	1"	E	ALUM.	--	ALUM.	--	5/A703	--	7/A703	--	
159B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	
160A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	2	
161A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
162A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	21	
163A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
164A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	11	
165A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
166A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
166B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	32	
168A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
169A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	34	
170A	3'-0"	7'-0"	1 3/4"	F	H.M.	1	H.M.	--	8/A703	--	9/A703	34	3
171A	3'-0"	7'-0"	1 3/4"	F	H.M.	1	H.M.	--	8/A703	--	9/A703	34	3
172A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	33	
173A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	14	
174A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	14	
175A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	1/A702	2/A702	4/A702	38	
176A	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	1	--	--	--	31	
176B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	19/A702	6/A702	7/A702	39	
176C	16'-0"	7'-0"	1 3/4"	H	FAB.	--	STL.	--	8/A702	9/A702	10/A702	--	5
176D	16'-0"	7'-0"	1 3/4"	H	FAB.	--	STL.	--	8/A702	9/A702	10/A702	--	5
176E	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	19/A702	6/A702	7/A702	39	
176F	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	--	--	--	54	
178A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	55	
178B	16'-0"	7'-0"	1 3/4"	H	FAB.	--	STL.	--	--	--	--	--	5
178C	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	39	
179A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	55	
179B	16'-0"	7'-0"	1 3/4"	H	FAB.	--	STL.	--	--	--	--	--	5
179C	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	39	
180A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	
181A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	21	
183A	2'-8"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	13	
184A	2'-8"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	13	
190A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	6	
190B	3'-4"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	1/A702	2/A702	4/A702	39	
191A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	2/A630	--	3/A630	22	
193A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	--	42	
193B	3'-4"	7'-0"	1 3/4"	A	H.M.	5	H.M.	--	--	--	--	41	

Remarks

1	Deleted, see hardware group.
2	Provide Break-Away emergency exit doors
3	Provide 12 ga Hollow Metal Door and Frame
4	Provide insulated door
5	Provide high speed fabric door
6	Provide access control and remote 2 point locking options

5 DOOR SCHEDULE - FIRST FLOOR

DOOR SCHEDULE - SECOND FLOOR

Door Number	Opening Width	Opening Height	Door Thick	Door Type	Frame Mat.	Frame Type	Frame Mat.	Rating	Details Head	Details Sill	Details Jamb	Hdwr. Group	Remarks
203A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	5	
203B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	45	
204A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
205A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	16	
208A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	5	
208B	9'-9 3/4"	7'-0"	1"	J	ALUM.	1	H.M.	--	1/A703	--	3&4/703	--	
209A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	11	
210A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
211A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
212A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
213A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
214A	28'-3"	7'-0"	1"	J	ALUM.	1	H.M.	--	1/A703	--	6/A703	23	
214B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	--	
215A	4'-3 1/2"	--	--	--	--	--	--	--	--	--	--	--	2
215B	4'-3 1/2"	--	--	--	--	--	--	--	--	--	--	--	2
215C	4'-3 1/2"	--	--	--	--	--	--	--	--	--	--	--	2
215D	4'-3 1/2"	--	--	--	--	--	--	--	--	--	--	--	2
217A	3'-5"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	
219A	3'-6"	7'-0"	1 3/4"	A	H.M.	1	ALUM.	--	--	--	--	56	
219B	3'-2"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	5	
219C	4'-6"	7'-0"	1 3/4"	--	--	1	H.M.	--	--	--	--	--	
219E	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	10/A522	7/A521	2/A511	49	
219F	3'-0"	7'-0"	1 3/4"	G	ALUM.	6	ALUM.	--	3/A522	4/A522	3/A512	50	
219G	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	3/A521	1/A511	49	
219H	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	3/A521	1/A511	49	
219I	3'-0"	7'-0"	1 3/4"	G	ALUM.	6	ALUM.	--	3/A522	4/A522	3/A512	50	
223A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	7/A630	14	
224A	17'-3 3/4"	7'-0"	1"	J	ALUM.	--	STL.	--	1/A703	--	3&4/A703	--	
225A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	--	
226A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	--	
226B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	--	
226C	2'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	--	
226D	7'-5 1/2"	7'-0"	1"	J	ALUM.	--	STL.	--	1/A703	--	3&4/A703	--	
230A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
231A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	ALUM.	--	--	--	--	15	
232A	3'-0"	7'-0"	1 3/4"	G	ALUM.	6	ALUM.	--	3/A522	4/A522	6/A512	4	
232B	3'-0"	7'-0"	1 3/4"	G	ALUM.	1	ALUM.	--	--	--	--	51	
233B	3'-6"	7'-0"	1 3/4"	A	H.M.	1	ALUM.	--	--	--	--	52	
234A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	4	
235A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
236A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
237A	10'-1"	10'-0"	1 3/8"	D	ALUM.	--	--	--	--	--	--	15	2
237B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	4	
237C	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	57	
237D	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	44	
238A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	15	
239A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	15	
240A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
241A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
242A	3'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	10/A522	7/A521	2/A511	49	
242C	3'-0"	7'-0"	1 3/4"	G	ALUM.	6	ALUM.	--	3/A522	4/A522	3/A512	50	
245A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
249A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	12	
250A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
250B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
251A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
290A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	6/A541	9/A703	22	
291A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	6/A541	9/A703	22	

Remarks

1	Deleted, see hardware group.
2	Provde Break-Away emergency exit doors
3	
4	
5	
6	

4 DOOR SCHEDULE - SECOND FLOOR

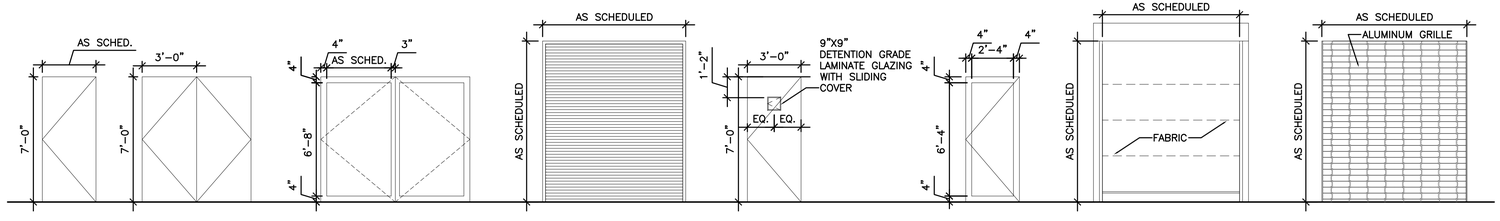
DOOR SCHEDULE - THIRD FLOOR

Door Number	Opening Width	Opening Height	Door Thick	Door Type	Frame Mat.	Frame Type	Frame Mat.	Rating	Details Head	Details Sill	Details Jamb	Hdwr. Group	Remarks
301A	4'-6"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	29	
301B	4'-6"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	29	
301C	4'-6"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	29	
301D	4'-6"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	29	
302A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	5	
304A	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	1	8/A703	--	9/A703	26	
304B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	--	9/A703	6	
304C	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	--	17/A702	18/A702	15/A702	35	
305A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703		
305B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703		
306A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	5	
307A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
308A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	9	
309A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	9	
310A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	10	
311A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
312A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
313A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	19	
313B	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	19	
314A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
315A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	--	--	--	17	
316A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	--	--	--	17	
317A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	5	
317B	5'-0"	7'-0"	1 1/4"	B	WD	2	H.M.	--	--	--	--	--	
318A	6'-0"	7'-0"	1 3/4"	B	WD	2	H.M.	--	8/A703	--	9/A703	27	
318C	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	24	
319A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	11	
320A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	24	
322A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	24	
323A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	8	
324A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	8	
325A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	8	
326A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	8	
327A	3'-0"	7'-0"	1 3/4"	A	WD	3	H.M.	--	8/A703	--	9/A703	8	
331A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	18	
331B	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	18	
332A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	8	
333A	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	1	8/A703	--	9/A703	26	
333B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	14/A702	16/A702	15/A702	36	
333C	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	--	17/A702	18/A702	15/A702	35	
334A	6'-0"	7'-0"	1 3/4"	B	H.M.	2	H.M.	1	8/A703	--	9/A703	25	
335C	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	28	
336A	3'-0"	7'-0"	1 3/4"	A	WD	1	H.M.	--	8/A703	--	9/A703	1	
336B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
337A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	
390A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	6/A541	9/A703	7	
391A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	6/A541	9/A703	22	
391B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	1	8/A703	6/A541	9/A703	7	

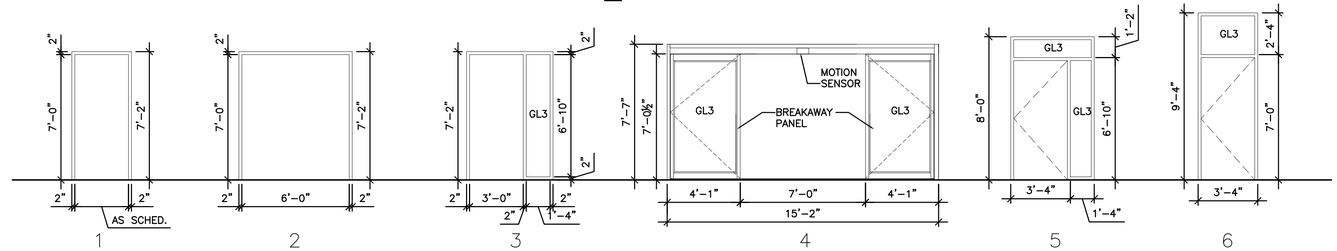
Remarks

1	Deleted, see hardware group.
2	
3	
4	
5	
6	

1 DOOR SCHEDULE - THIRD FLOOR



2 DOOR TYPES



3 FRAME TYPES

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4625 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

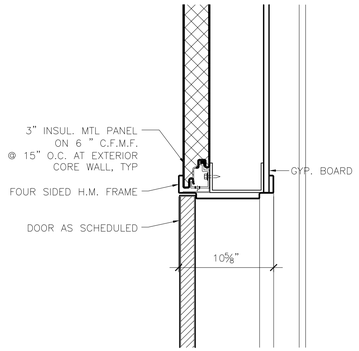
CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

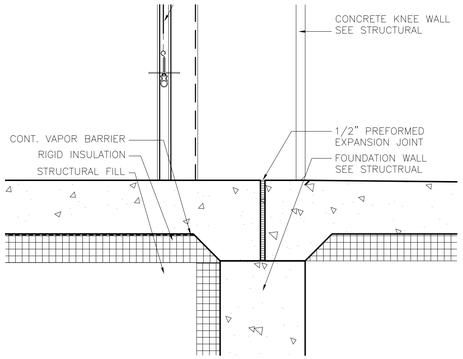
Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

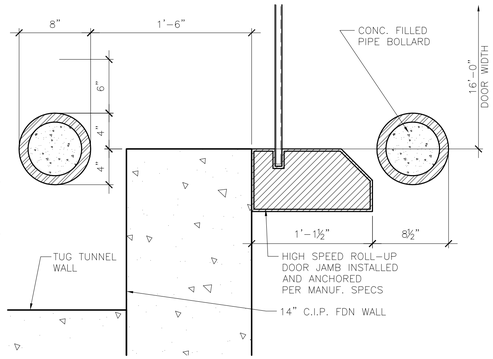
Baggage Handling Systems Consultants:
BNP ASSOCIATES INC



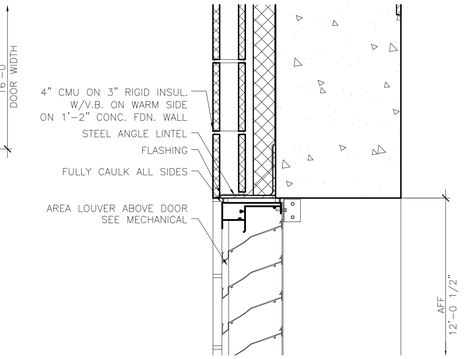
17 TYP. HEAD @ 3RD FLOOR NORTH WALL DOOR
1 1/2" = 1'-0"



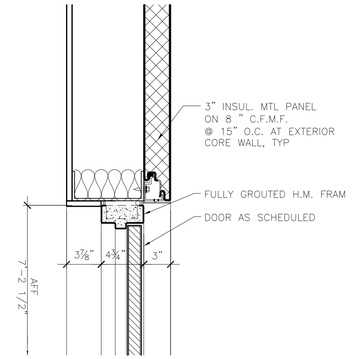
13 TYP. SILL @ EXT. COILING DOOR
1 1/2" = 1'-0"



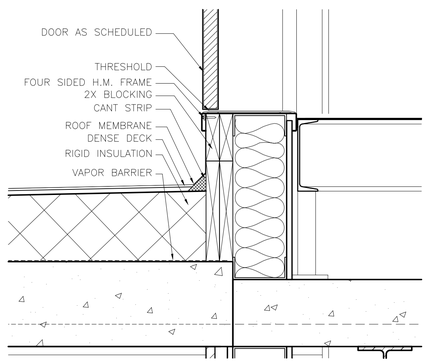
9 TYP. JAMB @ HIGH SPEED O.H. DOOR
1 1/2" = 1'-0"



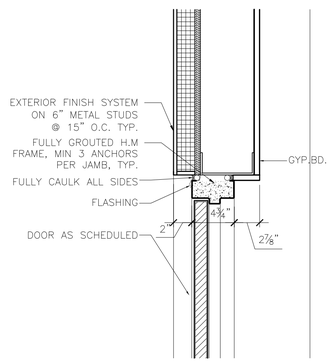
5 TYP.HEAD @ EXT. TUG TUNNEL DOOR LOUVER
1/16" = 1'-0"



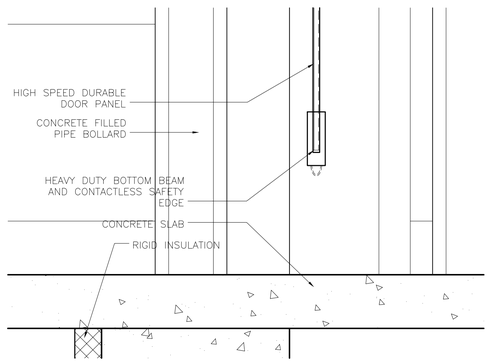
1 TYP. HEAD @EXT.CORE DOOR
1 1/2" = 1'-0"



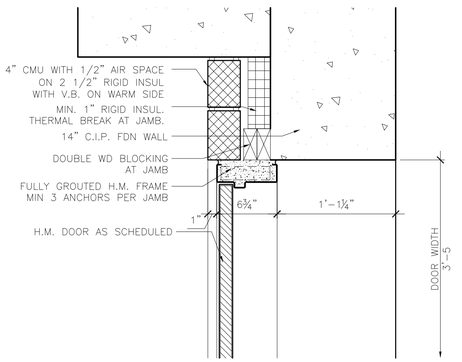
18 TYP.SILL @ 3RD FLOOR NORTH WALL DOOR
1 1/2" = 1'-0"



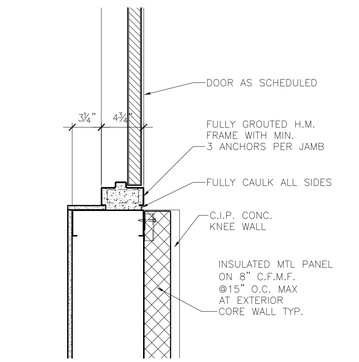
14 HEAD @ CHILLER ENCLOSURE
1 1/2" = 1'-0"



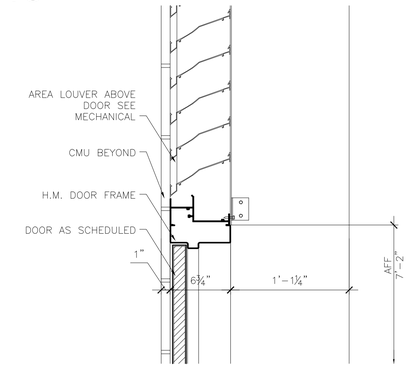
10 TYP. SILL @ HIGH SPEED O.H. DOOR
1 1/2" = 1'-0"



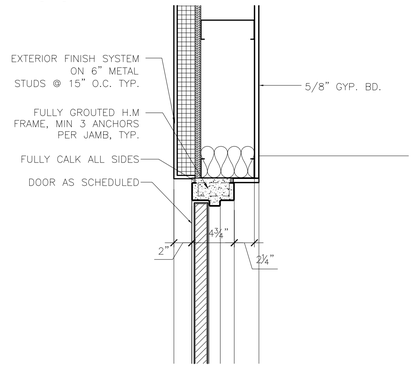
6 TYP. JAMB @ EXT. TUG TUNNEL DOOR
1 1/2" = 1'-0"



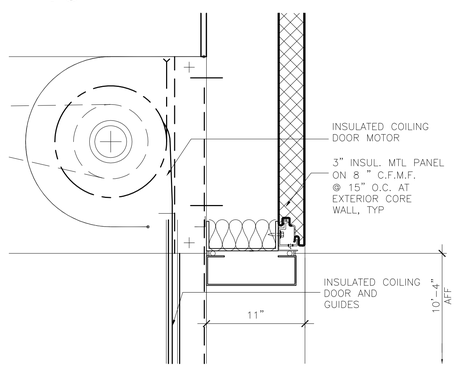
2 TYP. JAMB @ EXT. CORE WALL
1 1/2" = 1'-0"



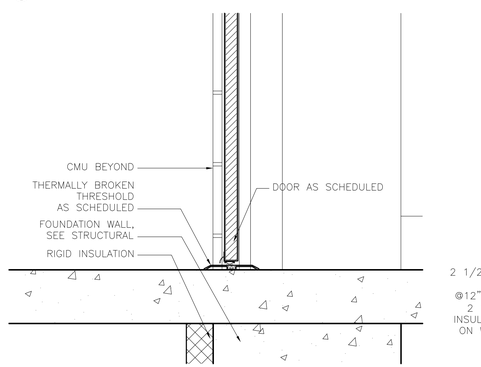
19 TRANSOM @ TUG TUNNEL DOOR
1 1/2" = 1'-0"



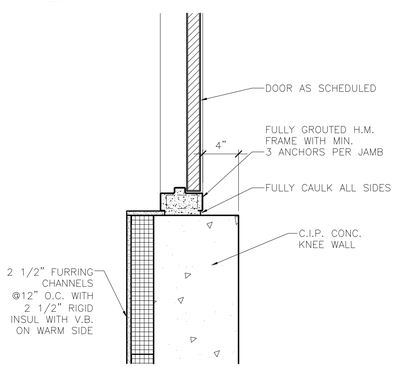
15 JAMB @ CHILLER ENCLOSURE DOOR
1 1/2" = 1'-0"



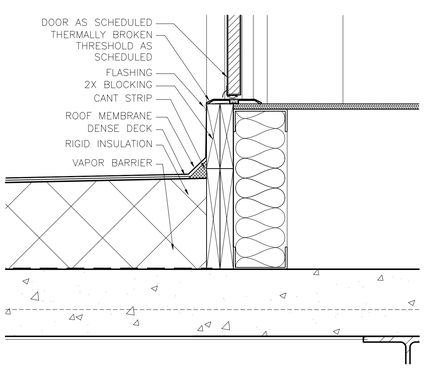
11 TYP. HEAD @ EXT. COILING DOOR
1 1/2" = 1'-0"



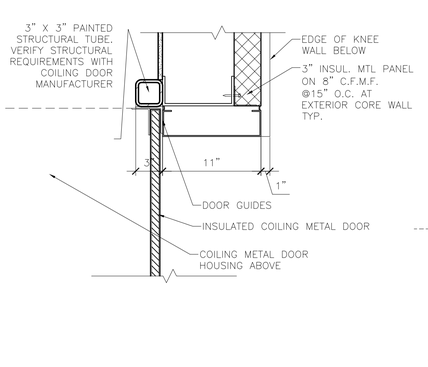
7 TYP. SILL @ EXT. TUG TUNNEL DOOR
1 1/2" = 1'-0"



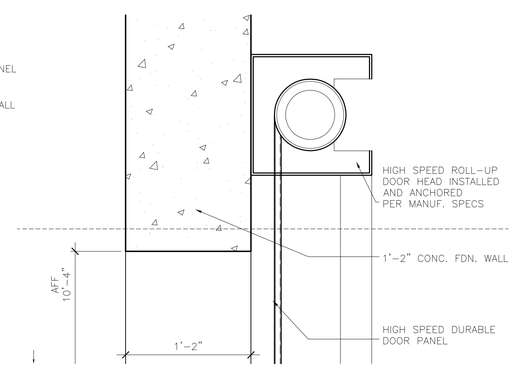
3 TYP. JAMB @ EXT. CORE WALL BASE
1 1/2" = 1'-0"



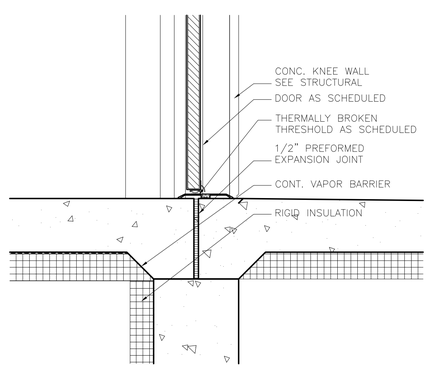
16 SILL @ CHILLER ENCLOSURE DOOR
1 1/2" = 1'-0"



12 TYP. JAMB @ EXT. COILING DOOR
1 1/2" = 1'-0"



8 TYP. HEAD @ TUG DRIVE HIGH SPEED O.H. DOOR
1 1/2" = 1'-0"



4 TYP. SILL @ EXT. CORE
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

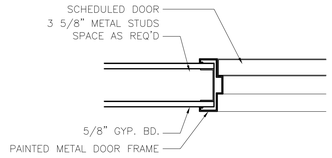
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

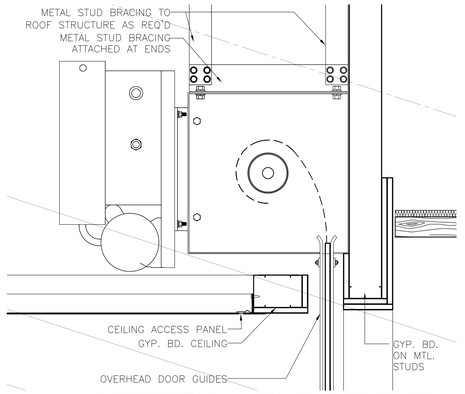
SHEET TITLE
DOOR DETAILS

SHEET NUMBER
A702

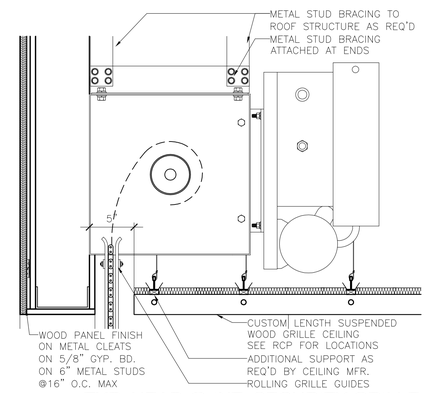
BID PACKAGE 2A ISSUED FOR BID



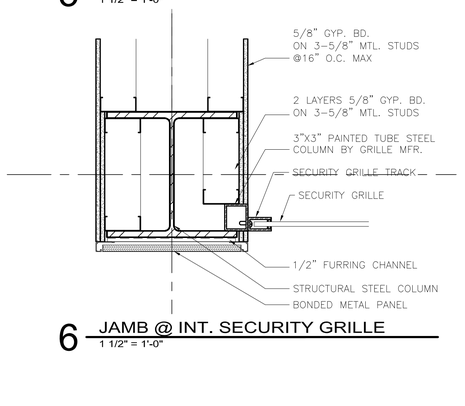
9 TYP. JAMB @ INTERIOR STUD WALL
1 1/2" = 1'-0"



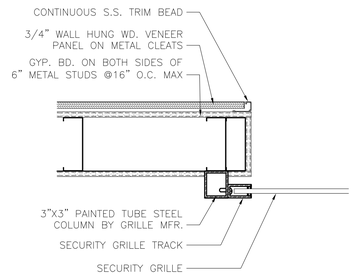
5 HEAD DETAIL @ CBP COILING DOOR
1 1/2" = 1'-0"



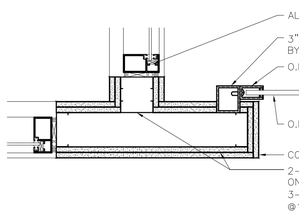
1 TYP. HEAD @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



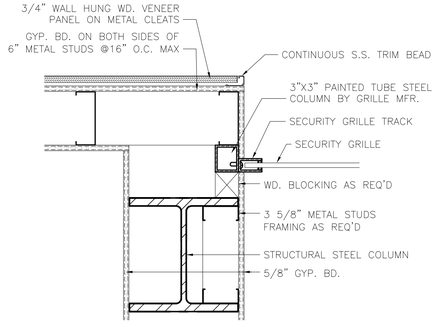
6 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



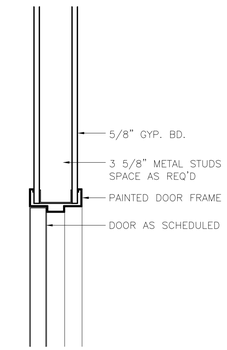
2 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



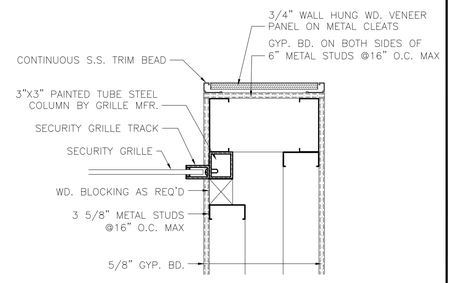
7 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



3 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



8 TYP. HEAD @ INTERIOR STUD WALL
1 1/2" = 1'-0"



4 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

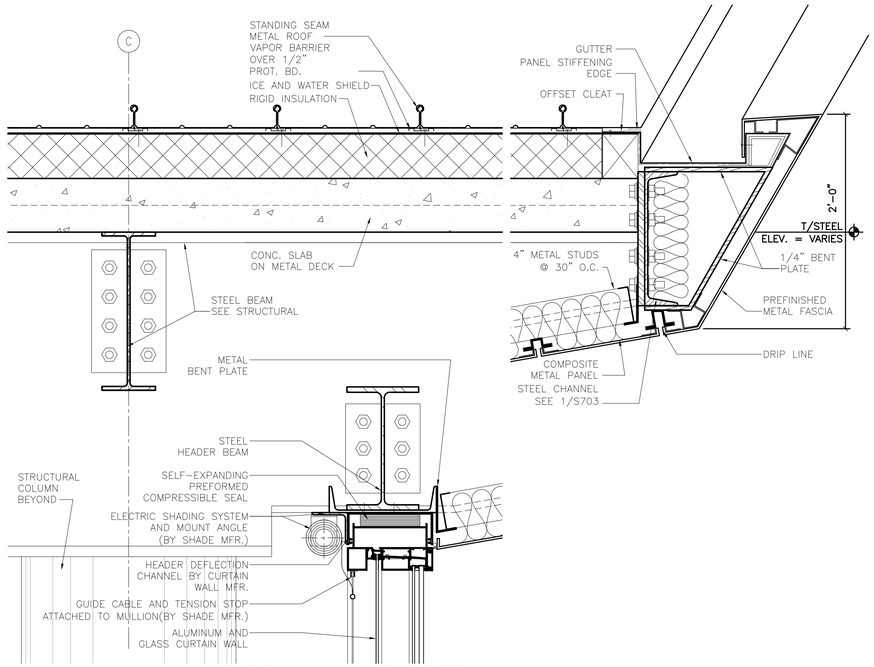
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

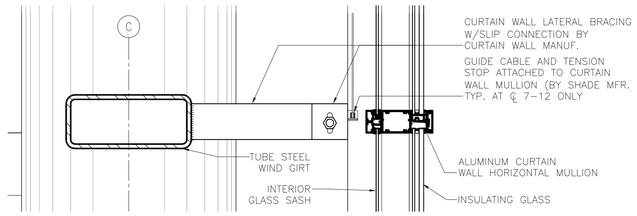
SHEET TITLE
DOOR DETAILS

SHEET NUMBER
A703

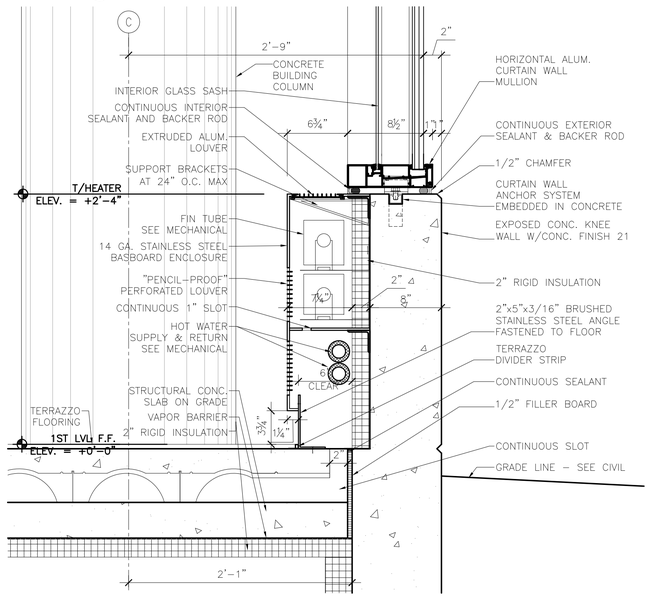
BID PACKAGE 2A ISSUED FOR BID



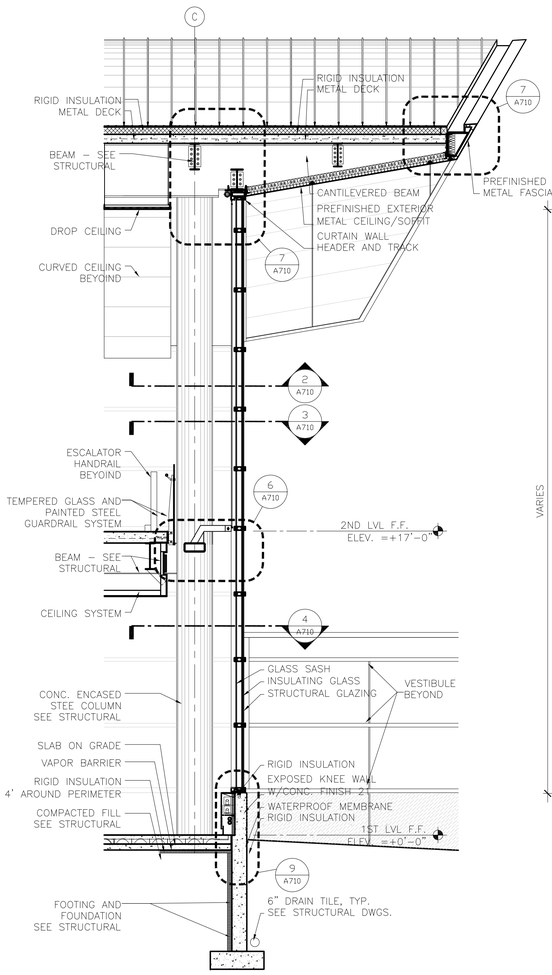
7 CURTAIN WALL HEAD DETAIL
1-1/2" = 1'-0"



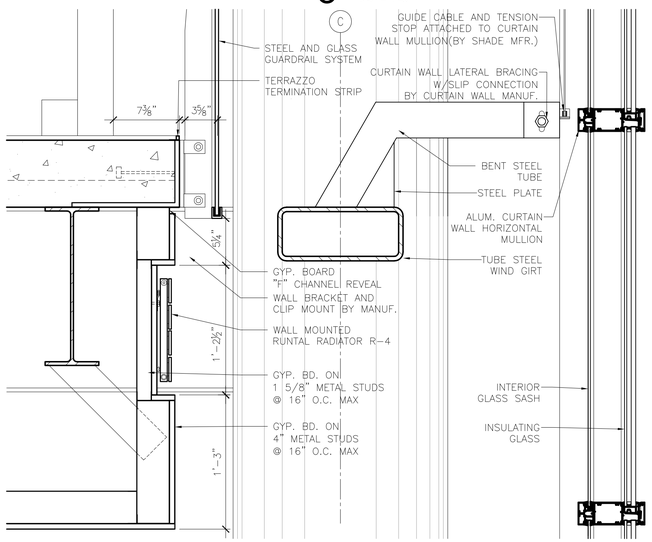
8 CURTAIN WALL WIND BRACE DETAIL - TYP.
1-1/2" = 1'-0"



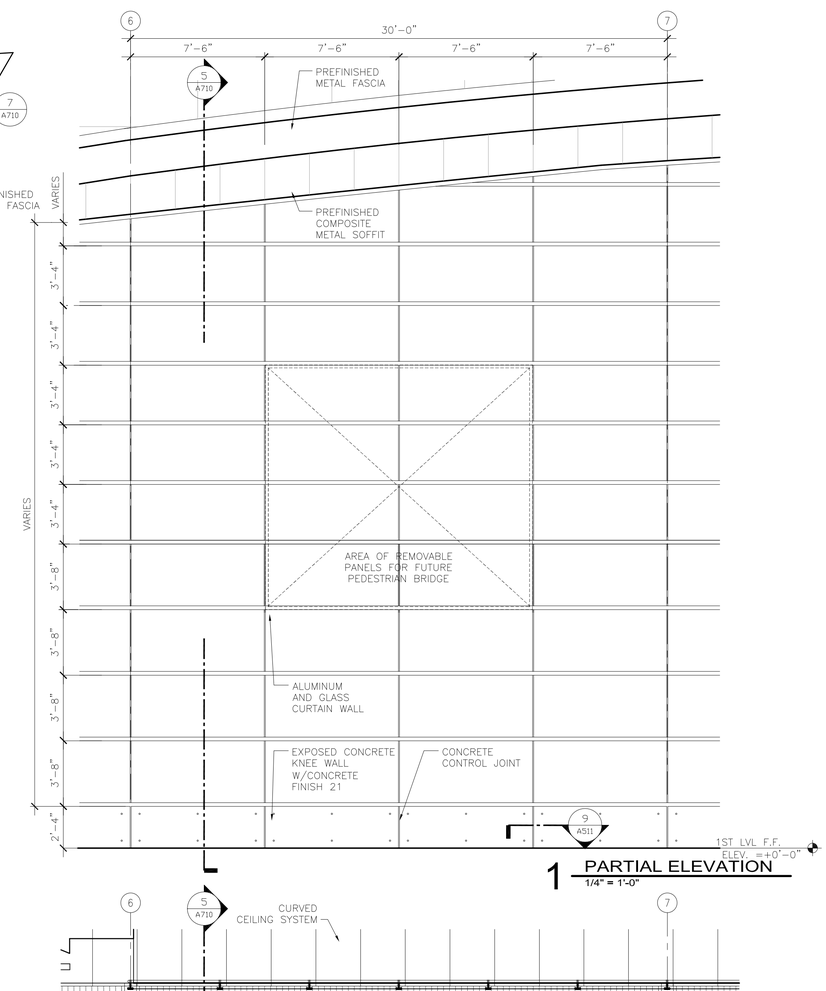
9 CURTAIN WALL SILL DETAIL
1-1/2" = 1'-0"



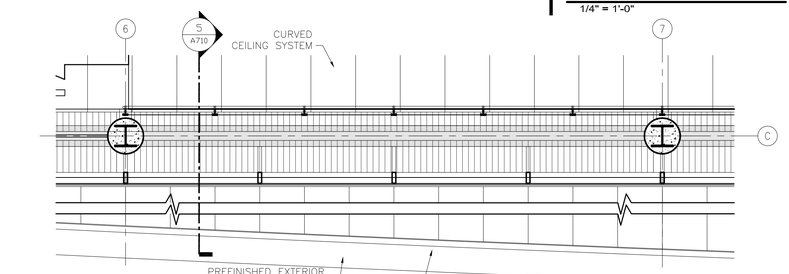
5 WALL SECTION
1/4" = 1'-0"



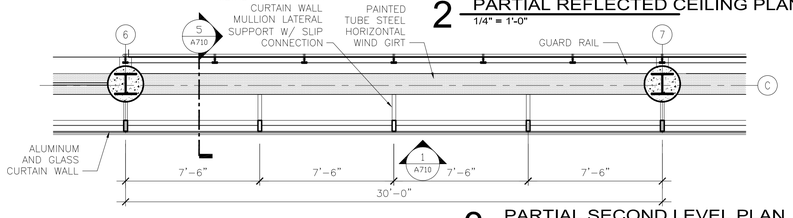
6 WIND BRACE DETAIL BETWEEN COL. LINES 6 & 7
1 1/2" = 1'-0"



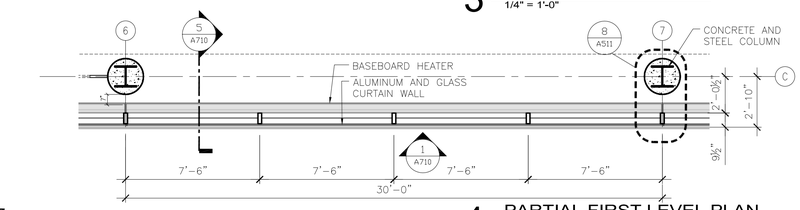
1 PARTIAL ELEVATION
1/4" = 1'-0"



2 PARTIAL REFLECTED CEILING PLAN
1/4" = 1'-0"



3 PARTIAL SECOND LEVEL PLAN
1/4" = 1'-0"



4 PARTIAL FIRST LEVEL PLAN
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
2	CLARIFICATION 013	6.11.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

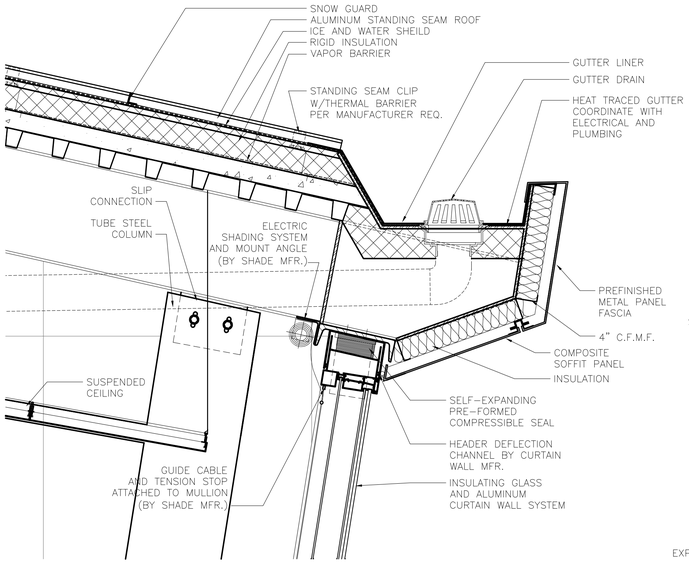
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

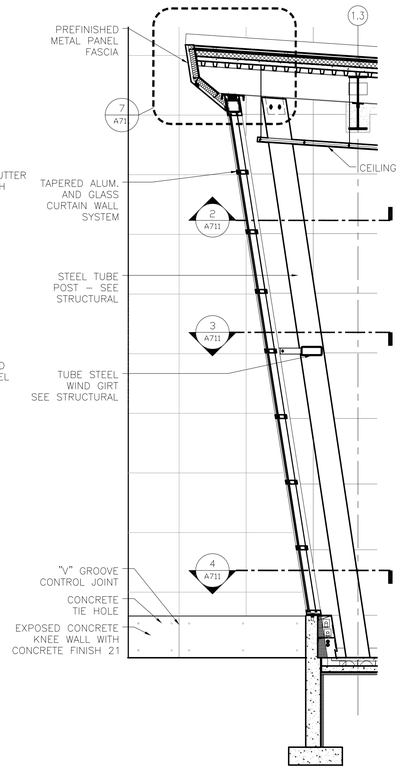
SHEET TITLE
EXTERIOR SYSTEMS LANDSIDE CURTAIN WALL

SHEET NUMBER
A710

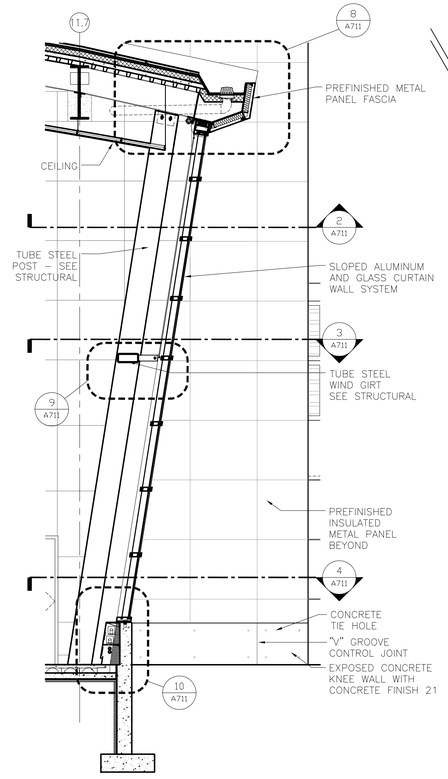
BID PACKAGE 2A ISSUED FOR BID



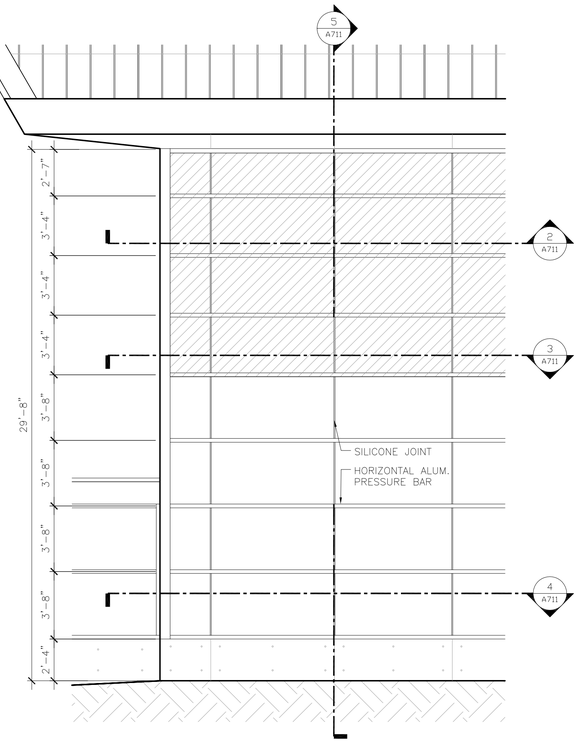
8 CURTAIN WALL HEAD DETAIL @ EAST END OF LOBBY
1" = 1'-0"



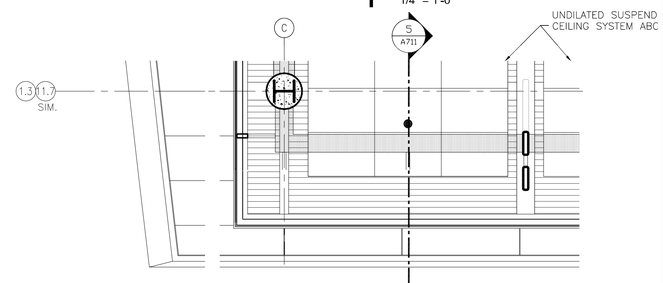
6 WEST CURTAIN WALL SECTION
1/4" = 1'-0"



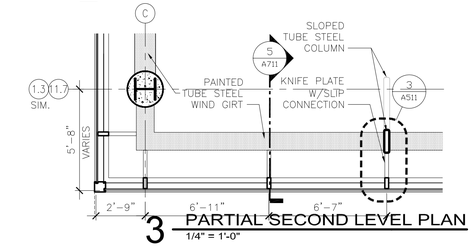
5 EAST CURTAIN WALL SECTION
1/4" = 1'-0"



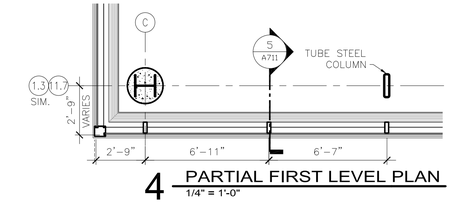
1 PARTIAL EAST ELEVATION
1/4" = 1'-0"



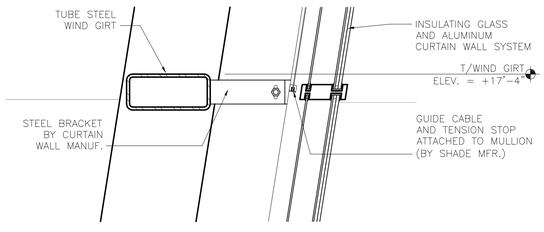
2 PARTIAL REFLECTED CEILING PLAN
1/4" = 1'-0"



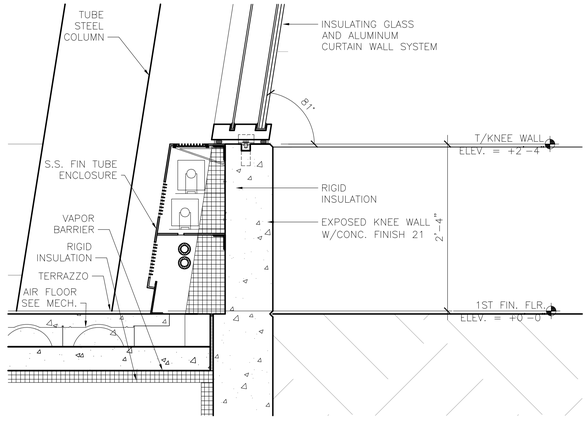
3 PARTIAL SECOND LEVEL PLAN
1/4" = 1'-0"



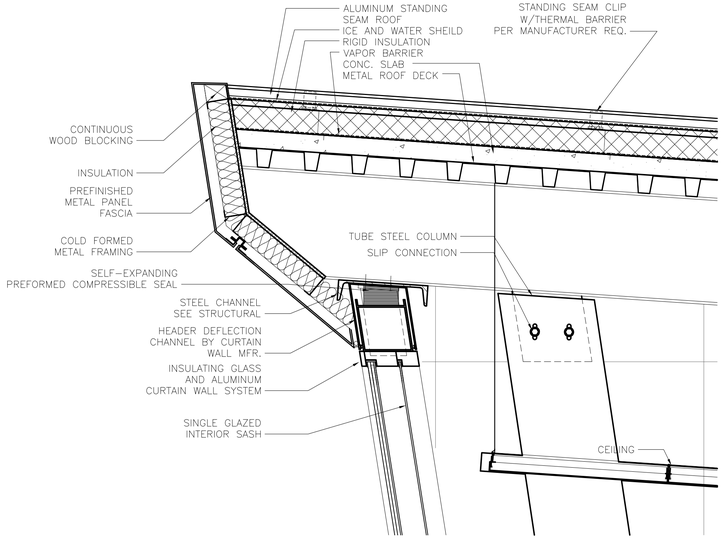
4 PARTIAL FIRST LEVEL PLAN
1/4" = 1'-0"



9 CURTAIN WALL HORIZONTAL DETAIL
1" = 1'-0" WEST SIDE SIMILAR



10 CURTAIN WALL SILL DETAIL
1" = 1'-0" WEST SIDE SIMILAR



7 CURTAIN WALL HEAD DETAIL @ WEST END OF LOBBY
1" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

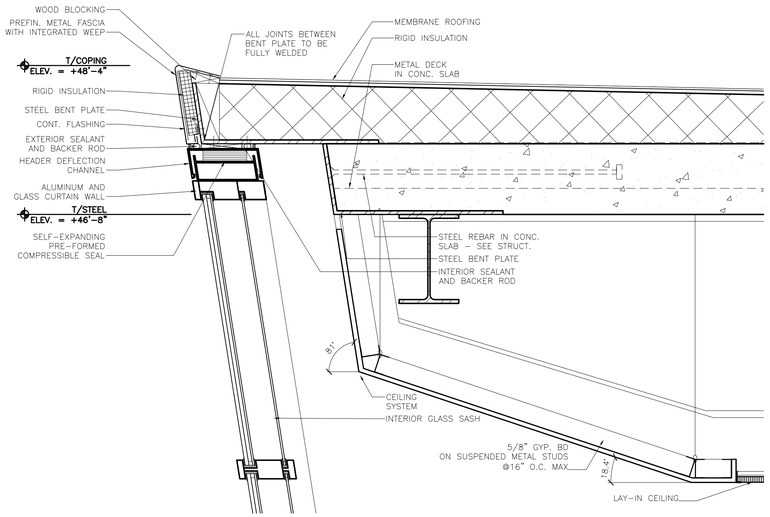
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEMS LANDSIDE CURTAIN WALL

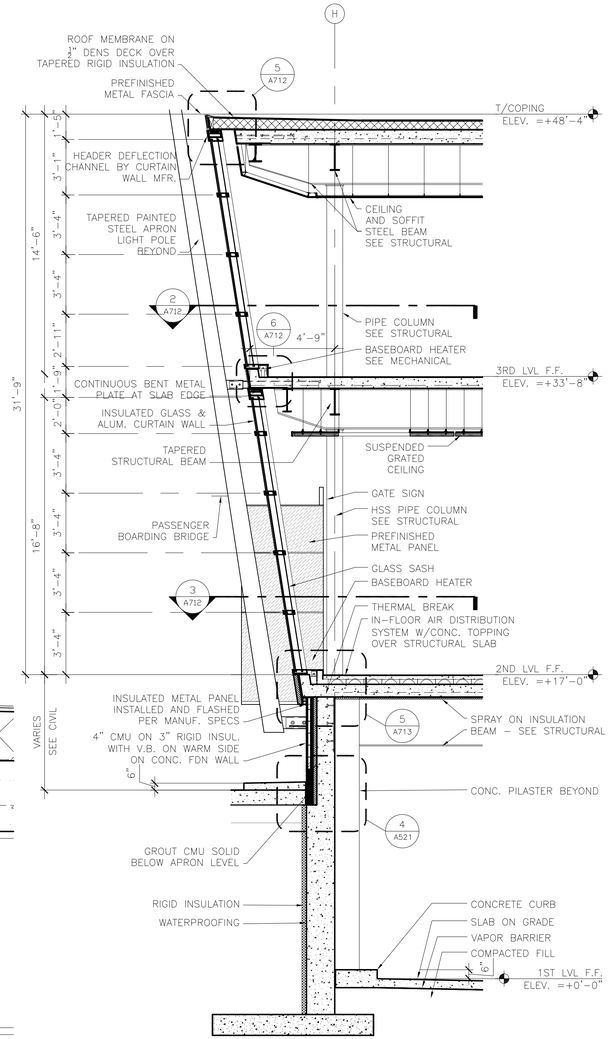
SHEET NUMBER
A711

BID PACKAGE 2A ISSUED FOR BID

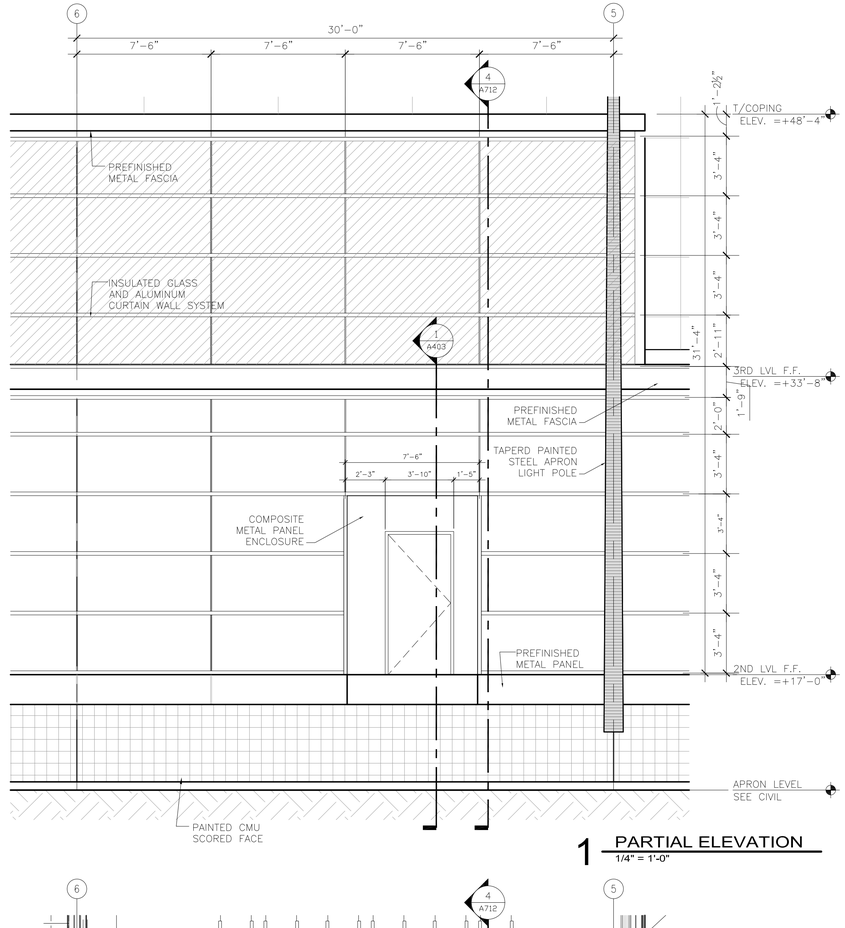
Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A711 Exterior System Sheet – Landside Curtain Wall.dwg Plotted on: 1/28/2011 9:12 PM Plotted by: Ip, Mark



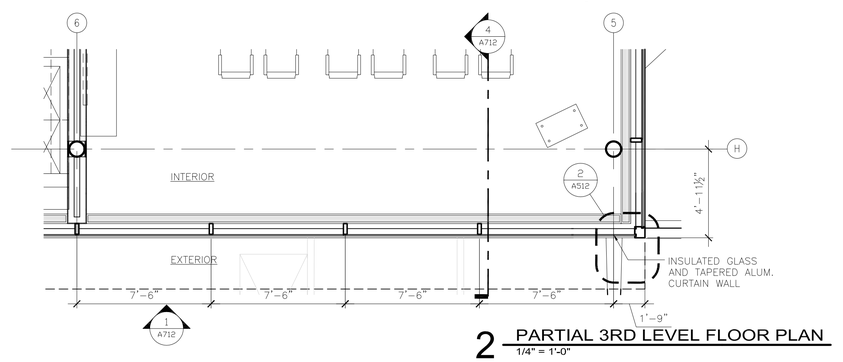
5 CURTAIN WALL HEAD DETAIL
1 1/2" = 1'-0"



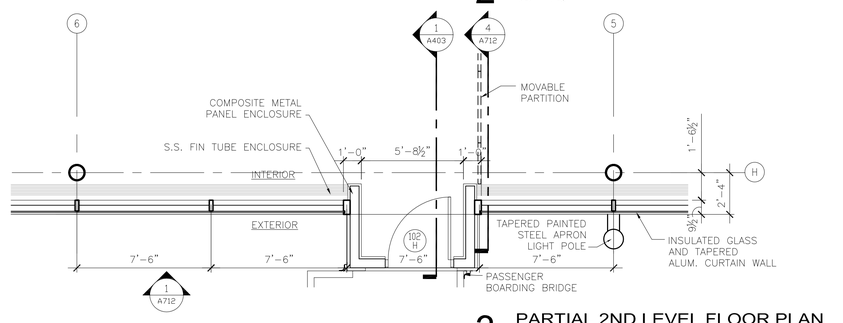
4 WALL SECTION
1/4" = 1'-0"



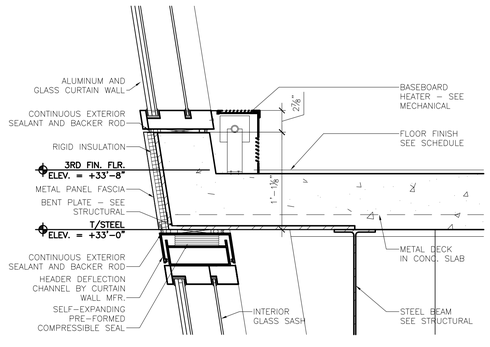
1 PARTIAL ELEVATION
1/4" = 1'-0"



2 PARTIAL 3RD LEVEL FLOOR PLAN
1/4" = 1'-0"



3 PARTIAL 2ND LEVEL FLOOR PLAN
1/4" = 1'-0"



6 CURTAIN WALL HORIZONTAL MULLION DETAIL @ 2ND LEVEL
1 1/2" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

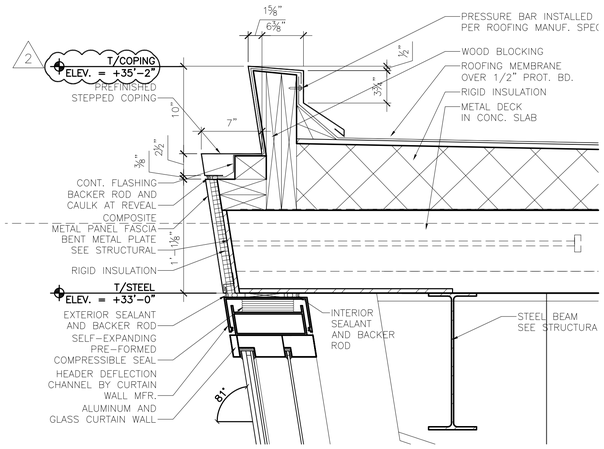
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

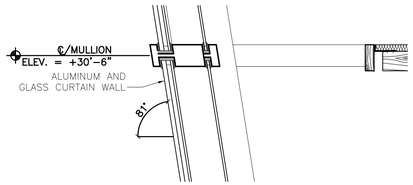
SHEET TITLE
EXTERIOR SYSTEMS AIRSIDE CURTAIN WALL

SHEET NUMBER
A712

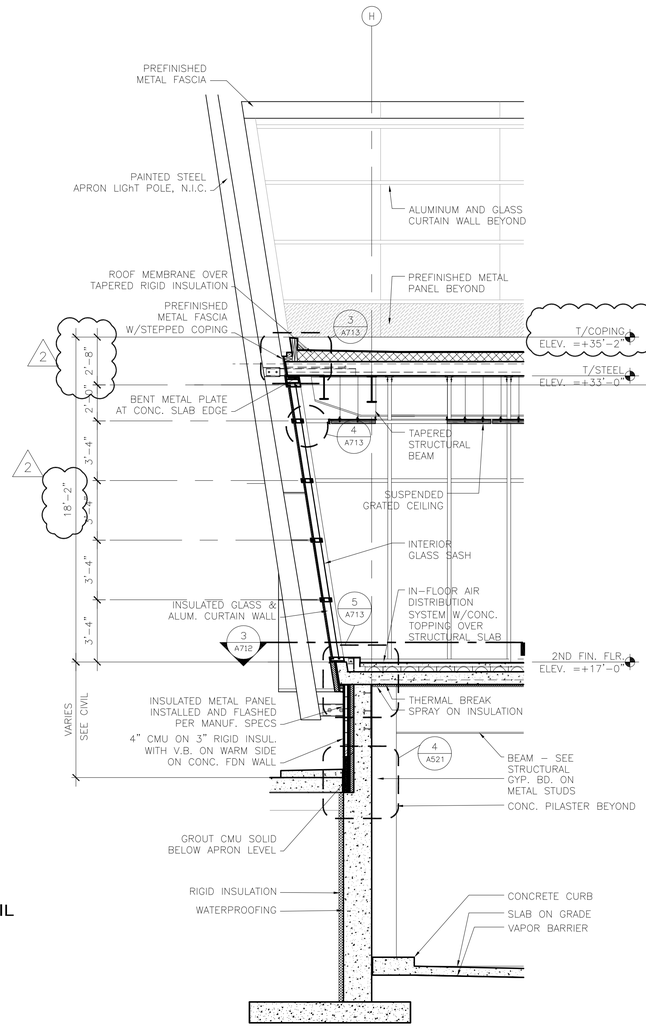
BID PACKAGE 2A ISSUED FOR BID



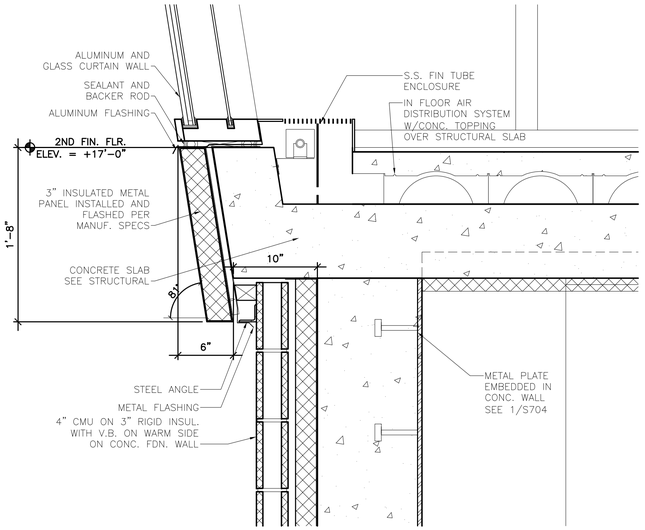
3 CURTAIN WALL HEAD DETAIL
1 1/2" = 1'-0"



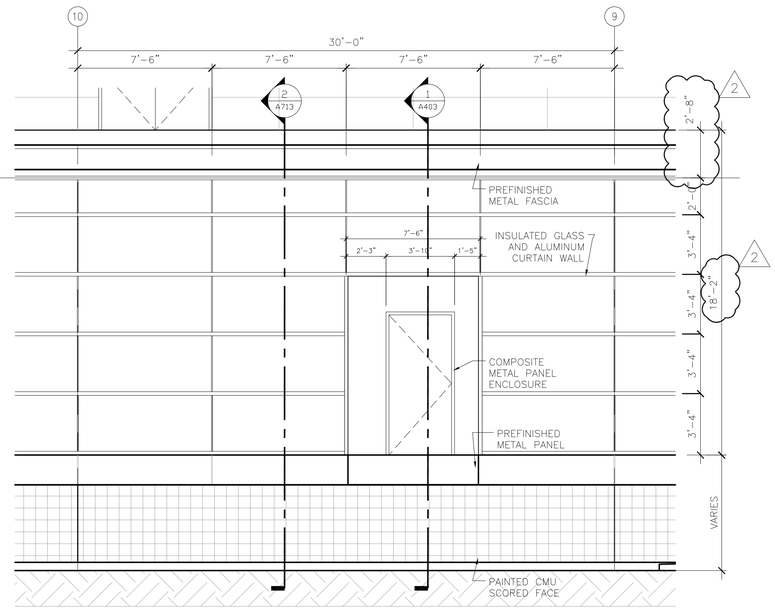
4 CURTAIN WALL MULLION DETAIL
1 1/2" = 1'-0"



2 WALL SECTION
1/4" = 1'-0"



5 CURTAIN WALL SILL DETAIL
1 1/2" = 1'-0"



1 PARTIAL CONCOURSE NORTH ELEVATION
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
2	CLARIFICATION-072	1.25.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

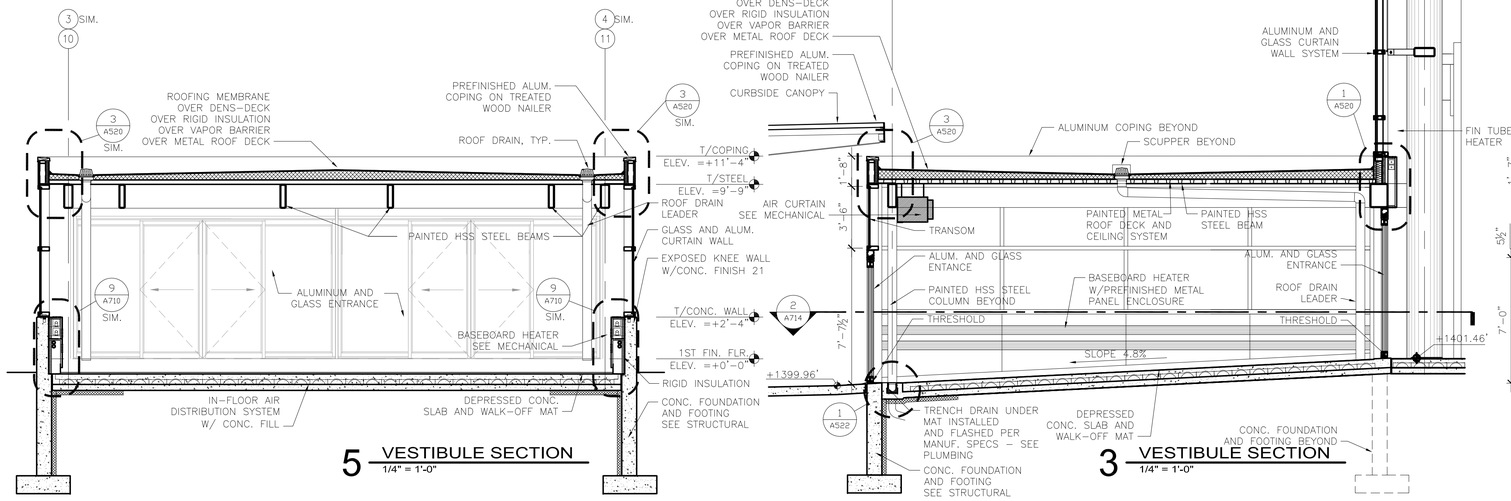
AEP PROJECT NUMBER
213-1882-091

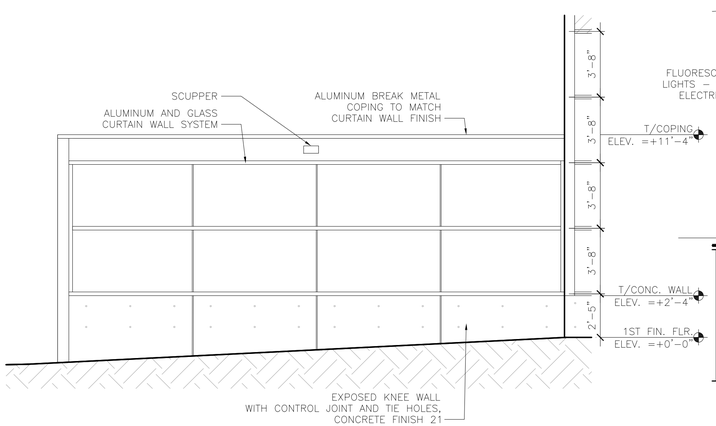
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEMS AIRSIDE CURTAIN WALL

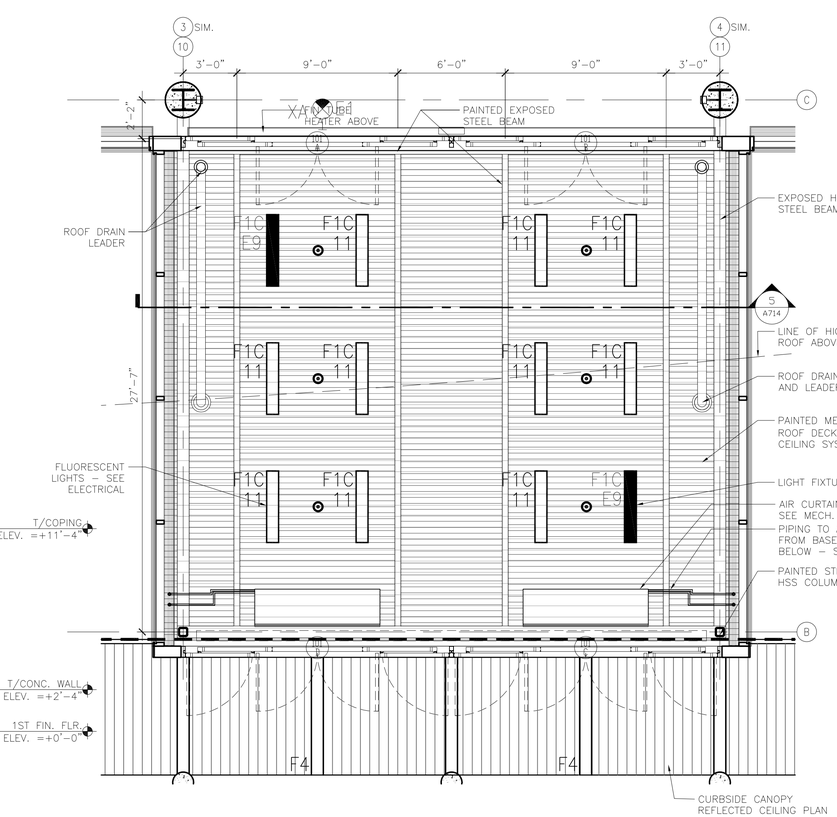
SHEET NUMBER
A713

BID PACKAGE 2A ISSUED FOR BID

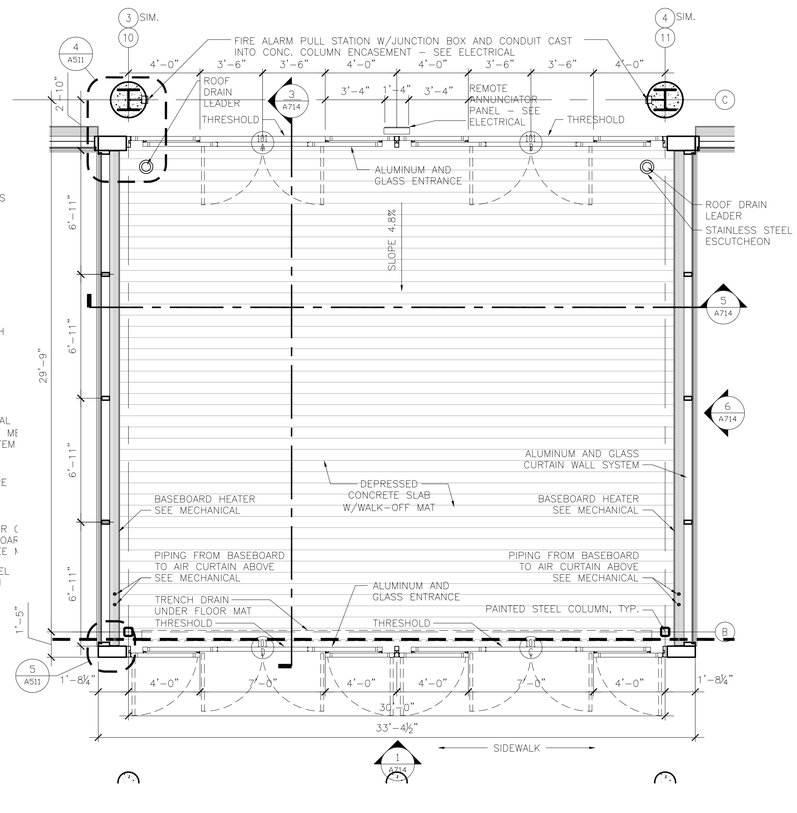




6 VESTIBULE EAST ELEVATION
1/4" = 1'-0"



4 ENLARGED VESTIBULE REFLECTED CEILING PLAN
1/4" = 1'-0"



2 ENLARGED VESTIBULE FLOOR PLAN
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

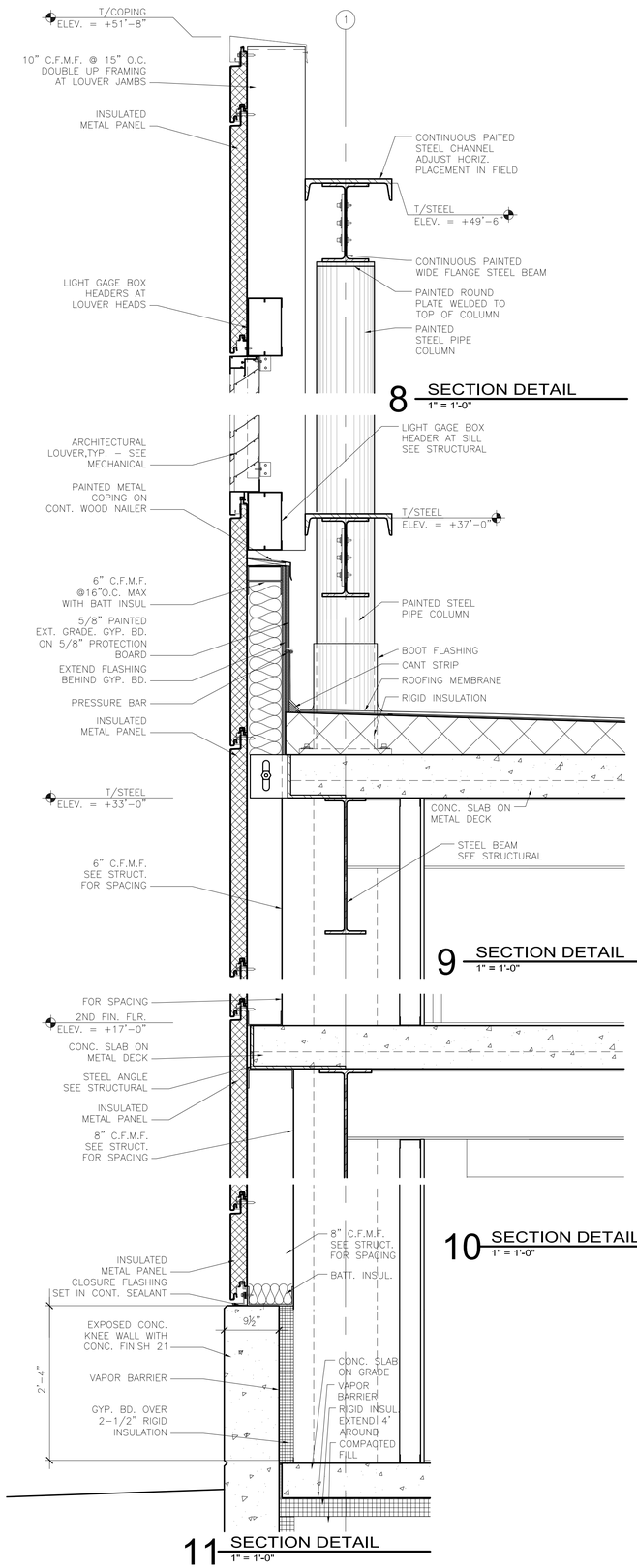
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEMS ENTRY VESTIBULE

SHEET NUMBER
A714

BID PACKAGE 2A ISSUED FOR BID

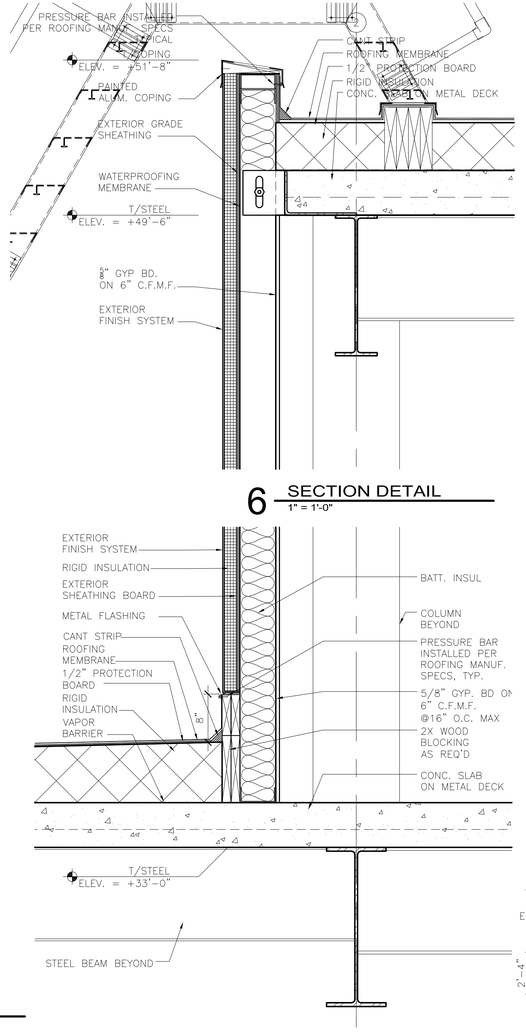


8 SECTION DETAIL
1" = 1'-0"

9 SECTION DETAIL
1" = 1'-0"

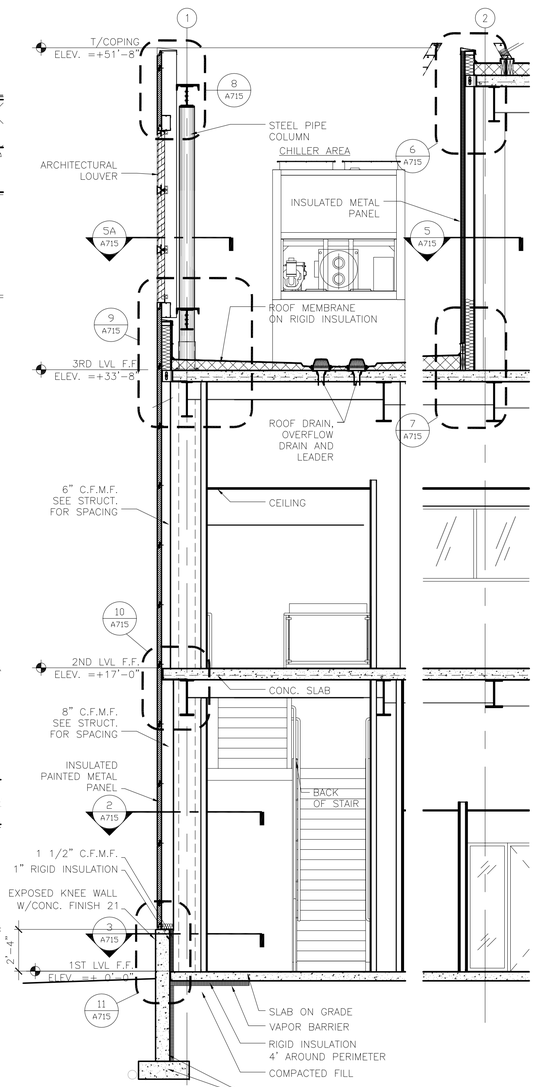
10 SECTION DETAIL
1" = 1'-0"

11 SECTION DETAIL
1" = 1'-0"

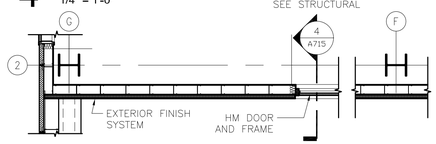


6 SECTION DETAIL
1" = 1'-0"

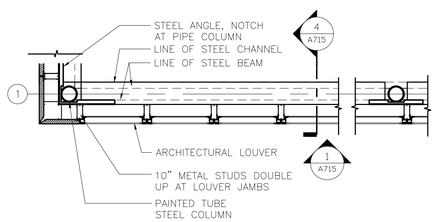
7 SECTION DETAIL
1" = 1'-0"



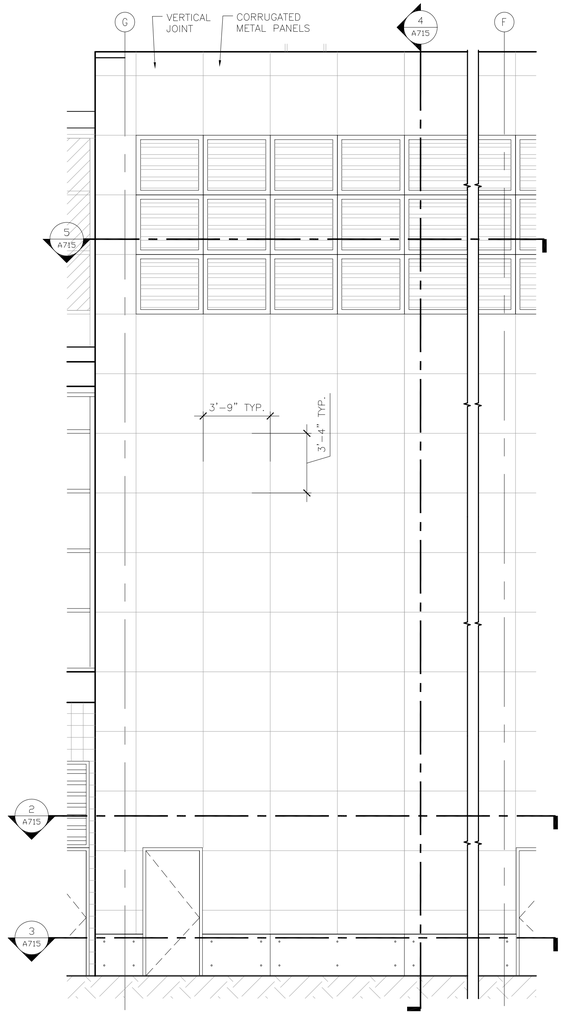
4 WALL SECTION
1/4" = 1'-0"



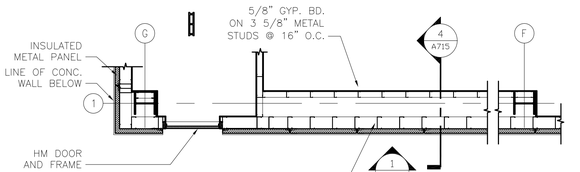
5 PARTIAL 3RD LEVEL FLOOR PLAN
1/4" = 1'-0"



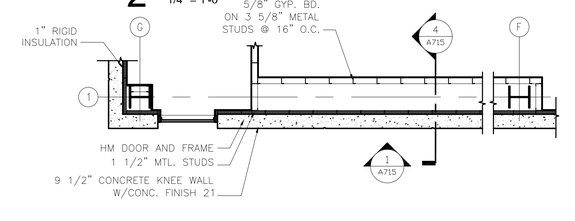
5A PARTIAL 3RD LEVEL FLOOR PLAN
1/4" = 1'-0"



1 PARTIAL WEST ELEVATION
1/4" = 1'-0"



2 PARTIAL 1ST LEVEL FLOOR PLAN @ INSULATED METAL PANEL
1/4" = 1'-0"



3 PARTIAL 1ST LEVEL FLOOR PLAN @ STONE
1/4" = 1'-0"

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1	ADDENDUM 1	6.11.10
2,3	NOT CHANGED	
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

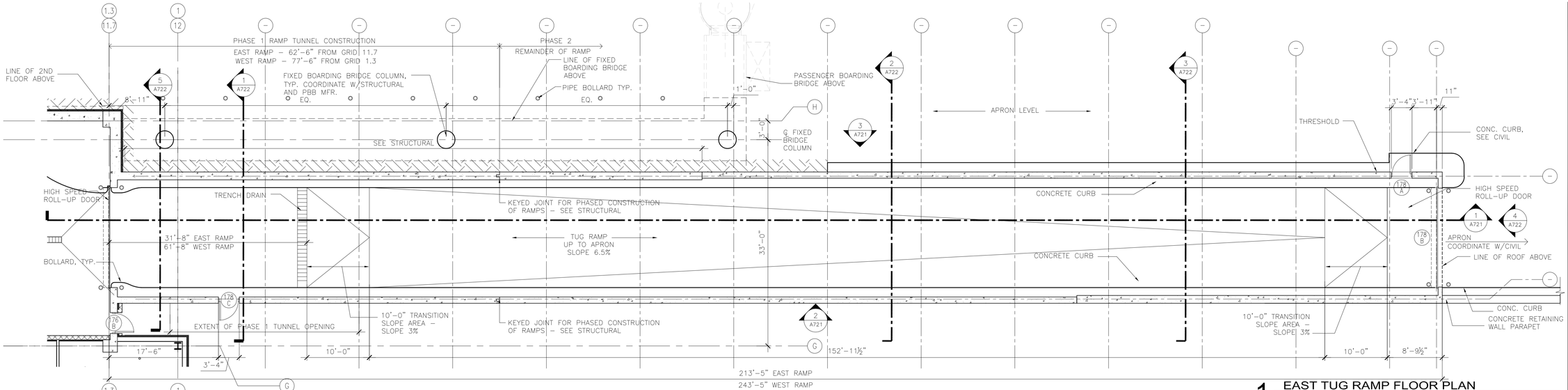
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEMS CORE WALL

SHEET NUMBER
A715

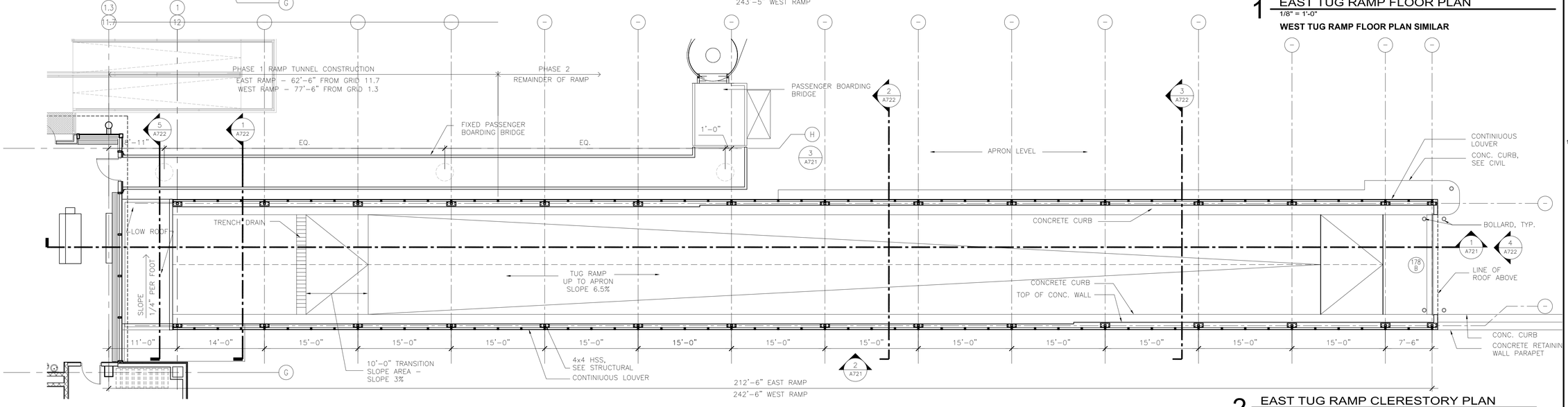
BID PACKAGE 2A ISSUED FOR BID



1 EAST TUG RAMP FLOOR PLAN

1/8" = 1'-0"

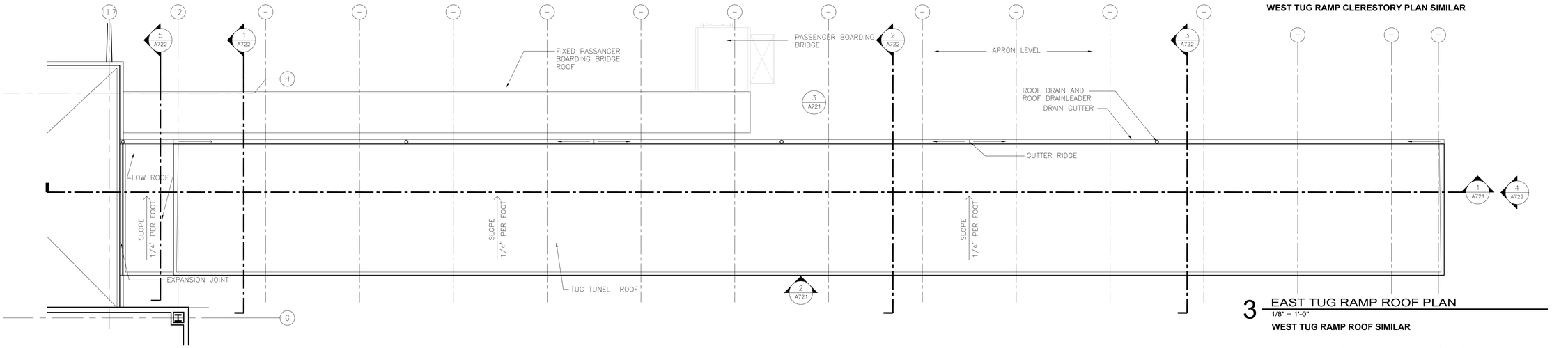
WEST TUG RAMP FLOOR PLAN SIMILAR



2 EAST TUG RAMP CLERESTORY PLAN

1/8" = 1'-0"

WEST TUG RAMP CLERESTORY PLAN SIMILAR



3 EAST TUG RAMP ROOF PLAN

1/8" = 1'-0"

WEST TUG RAMP ROOF SIMILAR

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION

I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

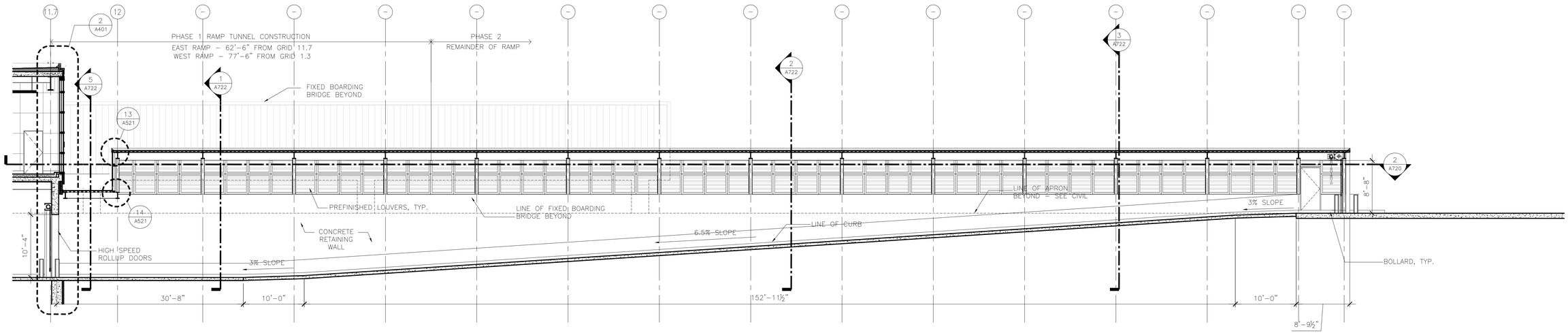
EXTERIOR SYSTEMS TUG TUNNEL

SHEET NUMBER

A720

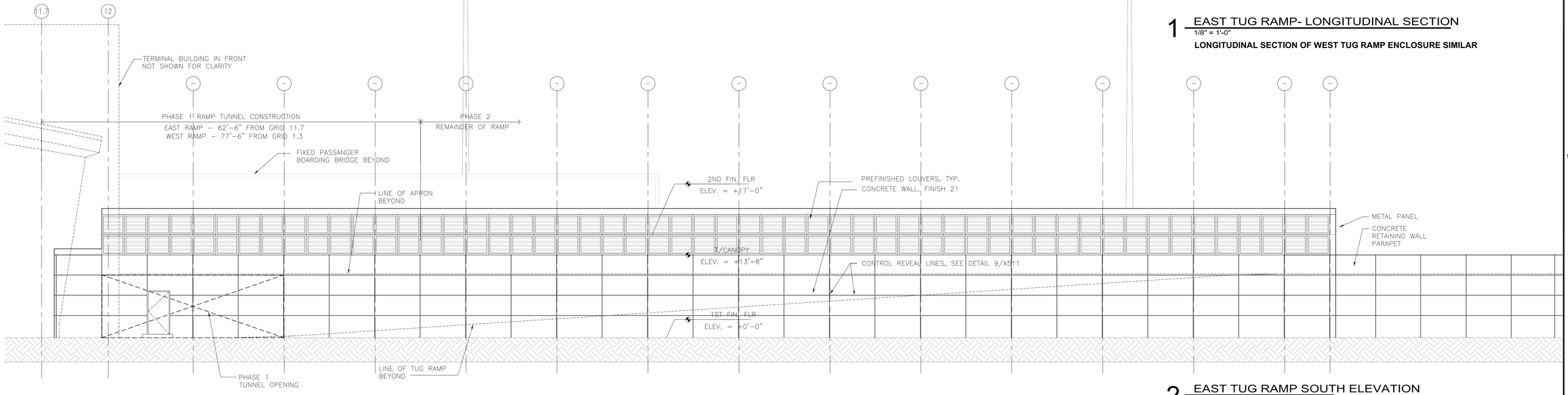
BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\213188Z.091 Duluth New Terminal\Cad\A\Sheets\A720 Exterior System Sheet – Tug Tunnel.dwg Plotted on: 1/28/2011 9:55 PM Plotted by: lp, Mark



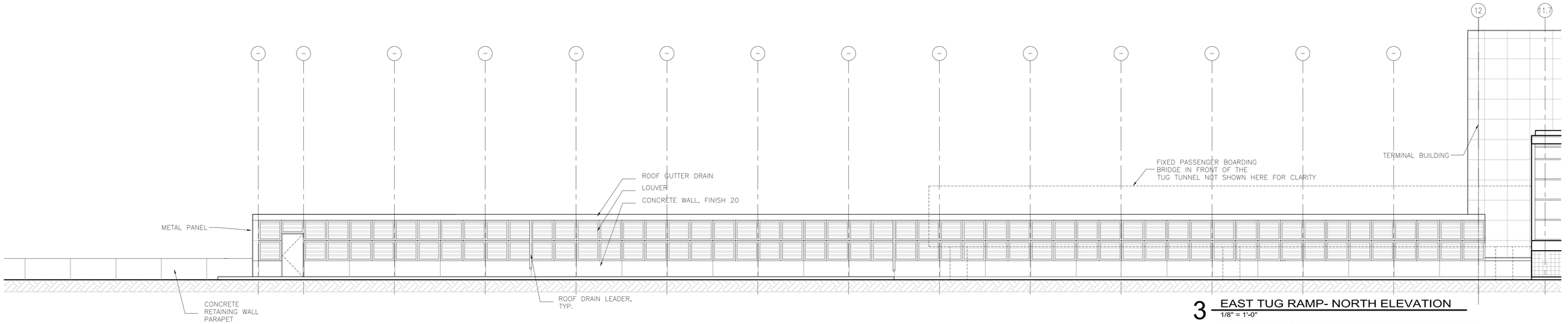
1 EAST TUG RAMP- LONGITUDINAL SECTION
1/8" = 1'-0"

LONGITUDINAL SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



2 EAST TUG RAMP SOUTH ELEVATION
1/8" = 1'-0"

SOUTH ELEVATION OF WEST TUG RAMP ENCLOSURE SIMILAR



3 EAST TUG RAMP- NORTH ELEVATION
1/8" = 1'-0"

NORTH ELEVATION OF WEST TUG RAMP ENCLOSURE SIMILAR

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

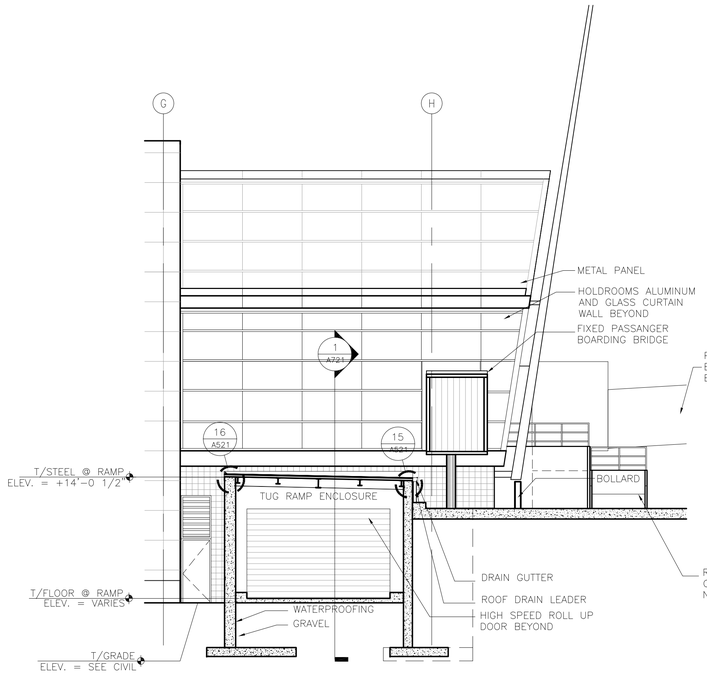
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

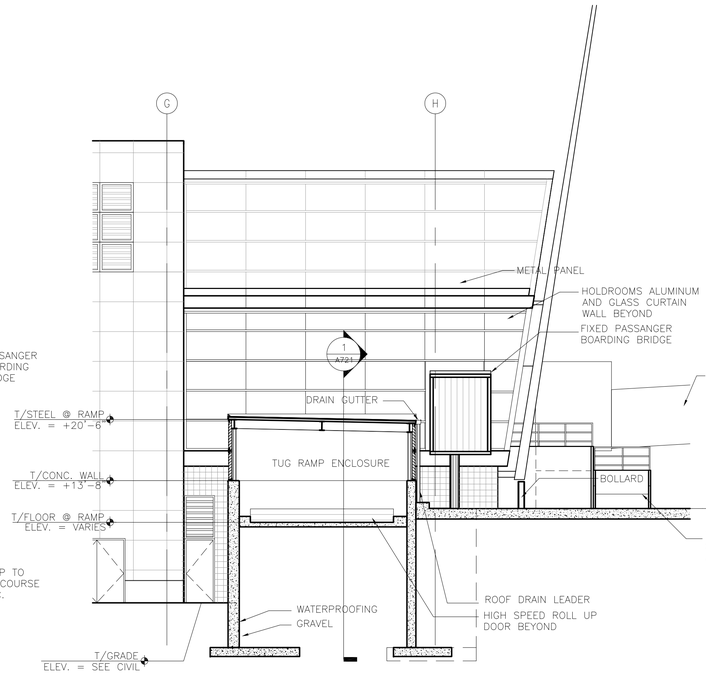
SHEET TITLE
EXTERIOR SYSTEMS TUG TUNNEL

SHEET NUMBER
A721

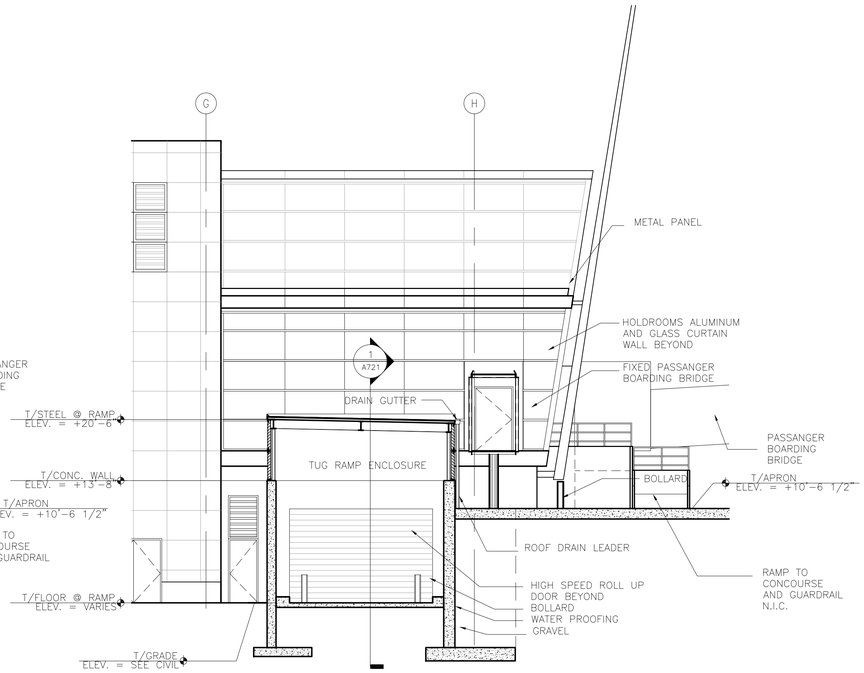
BID P ED FOR BID



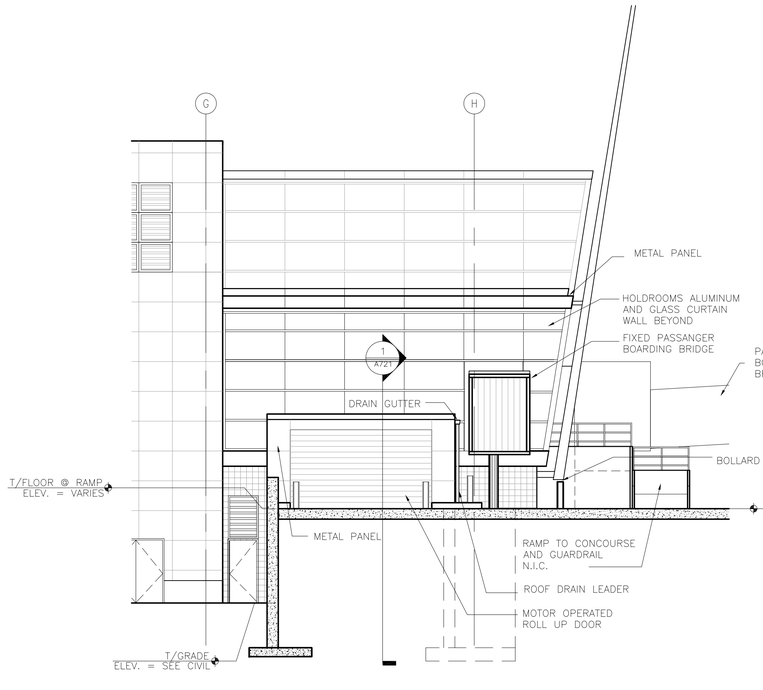
5 EAST TUG RAMP- CROSS SECTION
1/8" = 1'-0"
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



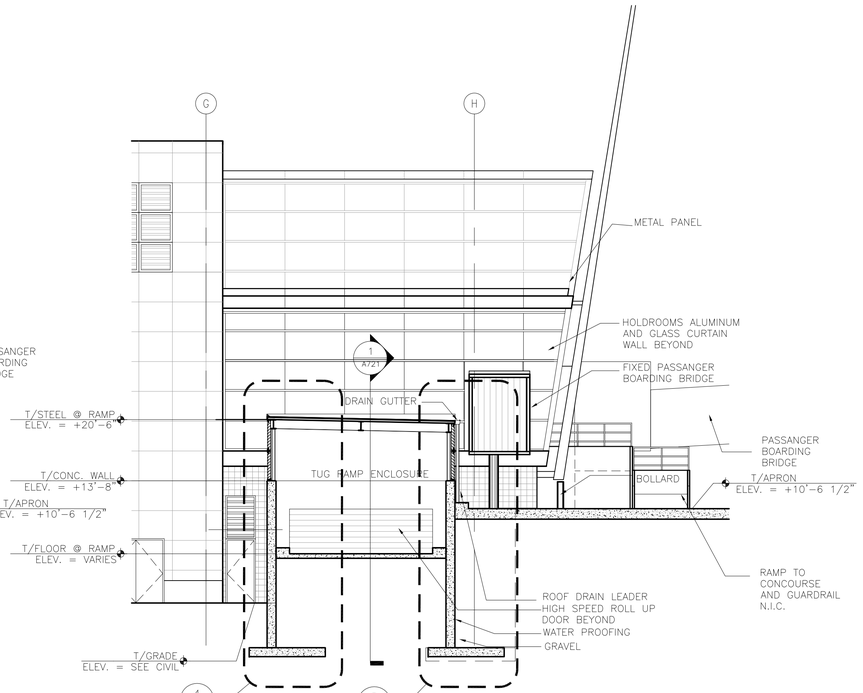
3 EAST TUG RAMP- CROSS SECTION
1/8" = 1'-0"
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



1 EAST TUG RAMP- CROSS SECTION
1/8" = 1'-0"
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



4 EAST TUG RAMP ENCLOSURE- EAST ELEVATION
1/8" = 1'-0"
WEST ELEVATION OF WEST TUG RAMP ENCLOSURE SIMILAR



2 EAST TUG RAMP- CROSS SECTION
1/8" = 1'-0"
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

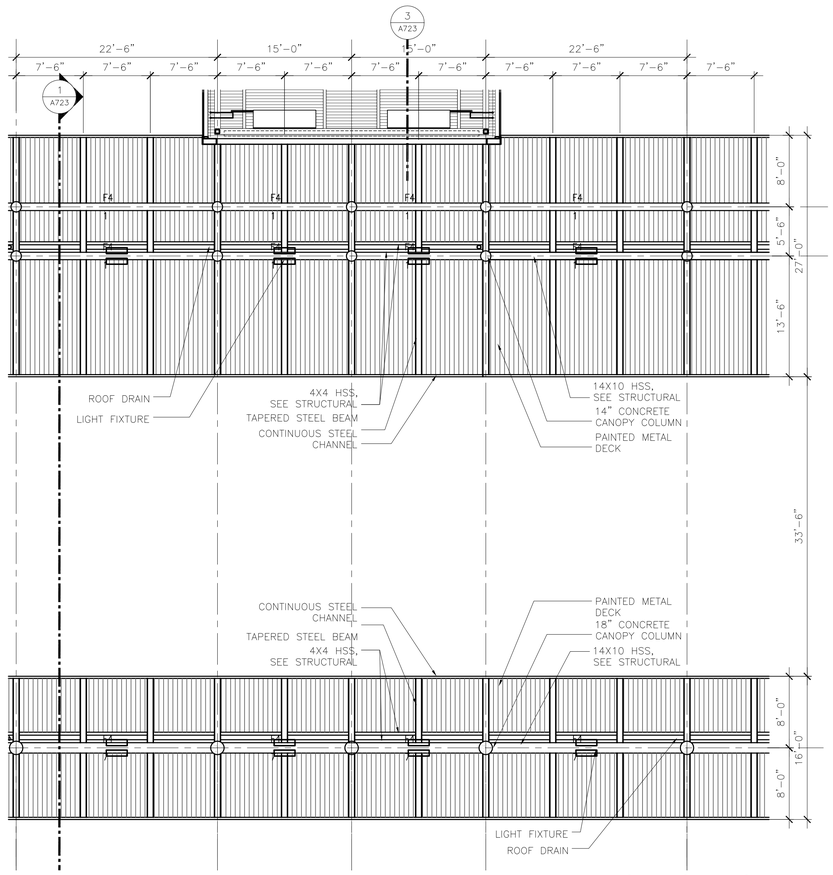
AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

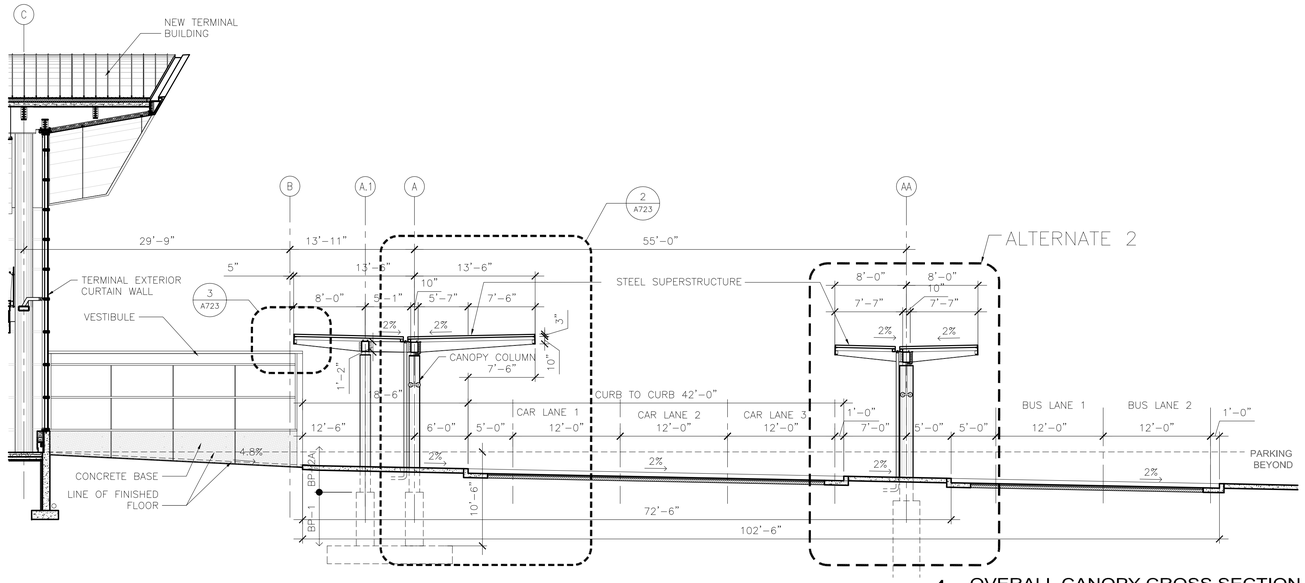
SHEET TITLE
EXTERIOR SYSTEMS TUG TUNNEL

SHEET NUMBER
A722

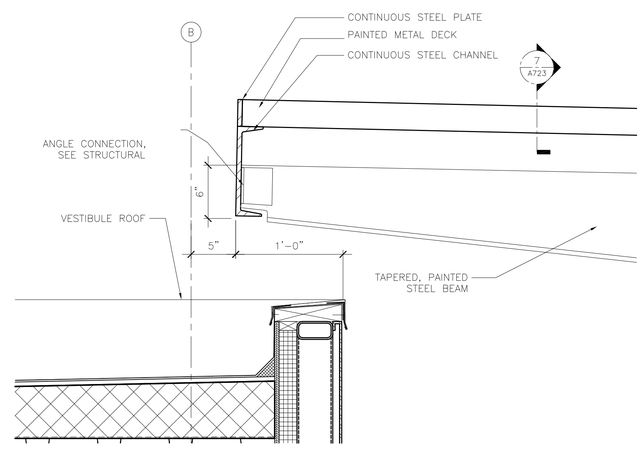
BID PACKAGE 2A ISSUED FOR BID



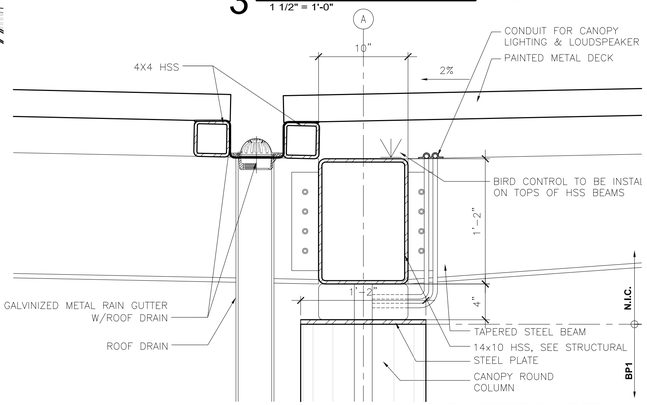
5 PARTIAL REFLECTED CEILING PLAN
1/8" = 1'-0"



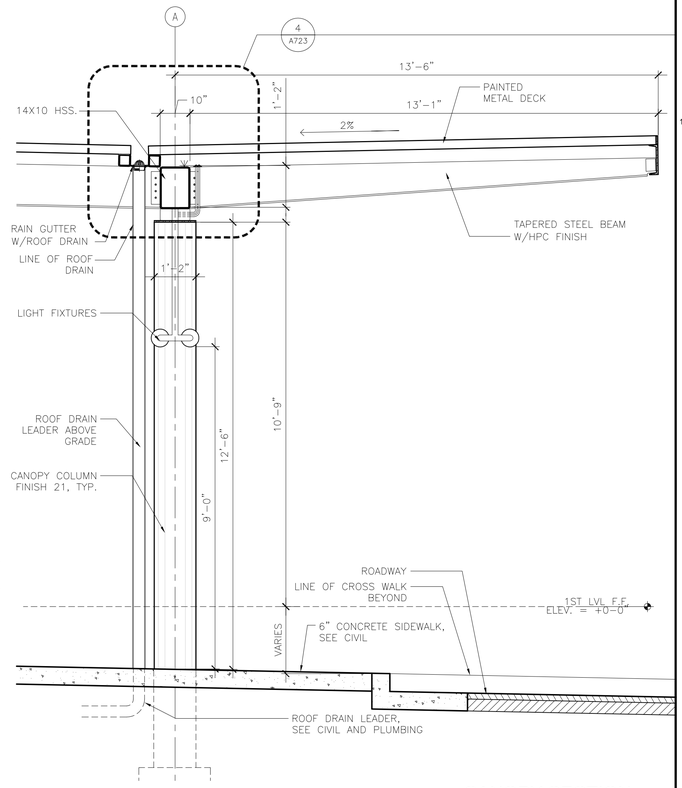
1 OVERALL CANOPY CROSS SECTION
1/8" = 1'-0"



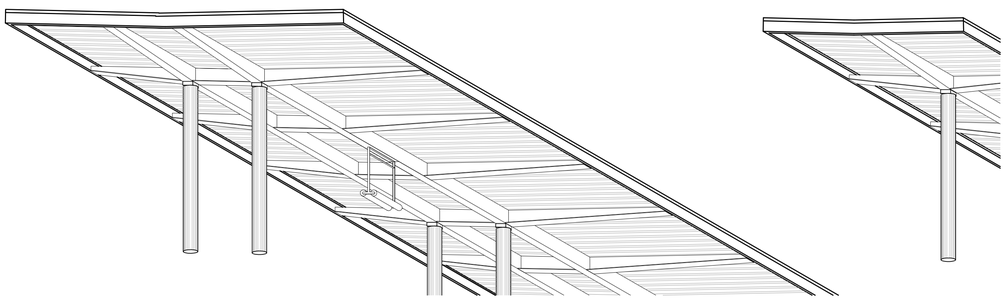
3 CANOPY SECTON DETAIL @ VESTIBULE
1 1/2" = 1'-0"



4 CANOPY SECTION DETAIL
1 1/2" = 1'-0"



2 CANOPY SECTION
1/2" = 1'-0"



6 CANOPY ISOMETRIC LOOKING UP
N.T.S.



7 TYPICAL DECK JOINT
N.T.S.

GENERAL NOTE:
ALL STRUCTURE EXPOSED TO PUBLIC VIEW TO BE PAINTED WITH A HIGH PERFORMANCE COATING

RS&H
IMPROVING YOUR WORLD
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: XX
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 2010-00 12:00p

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEM SHEET- CANOPY

SHEET NUMBER
A723

BID PACKAGE 2A ISSUED FOR BID

SECOND FLOOR FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	WALLS								CEILING	WINDOW COVERING	REMARKS
			NORTH		EAST		SOUTH		WEST				
		FINISH	FINISH	BASE	FINISH	BASE	FINISH	BASE	FINISH	BASE	MATERIAL		
201	PASSENGER WAITING	TER/ CPT-3	DP-4/ PT-9	SST	GL-3	--	GL-1/ GL-3	SST	GL-3	--	CL-1		REFER TO INTERIOR ELEVATIONS
202	CORRIDOR	TER	PT-9	SST	PT-9	SST	GL-2	SST	DP-4/ PT-9	SST	CL-6		
203	CORRIDOR	RF-3	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	CL-3		
204	TELECOM	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
205	JAN.	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
206	MEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
207	WOMEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
208	TSA CHECKPOINT	CPT-3	GL-4/ DP-2	SST	PT-9	SST	PT-9	SST	--	--	CL-2		
209	STOR.	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-6		
210	REMOTE V.	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
211	TSA	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
212	DLH POLICE	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
213	AIRPORT POLICE	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
214	TSA QUEUE	CPT-3			PT-9	SST	--	--	PT-9	SST	CL-2		
215	DEPLANING	CPT-3	--	--	GL-4/ PT-9	SST	--	--	GL-4/ PT-9	SST	CL-2		
216	V.END	TER	PT-9	SST	PT-9	SST	PT-9	SST	PT-9	SST	CL-6/ PT-2		
217	COMM.	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
218	NOT USED												
219	CONCOURSE	CPT-2	GL-1	SST	GL-1	SST	GL-4/ DP-2	SST	GL-4	SST	CL-2/ EX-2		REFER TO INTERIOR ELEVATIONS
220	STORAGE	T-7	FRP-1	T-7	FRP-1	T-7	FRP-1	T-7	FRP-1	T-7	CL-3		
221	MEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-1	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
222	WOMEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
223	FAMILY	T-1	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
224	COFFEE/ GIFTS	T-1	PT-1	SST	PT-1	SST	PT-1	SST	PT-1	SST	CL-2		
225	PREP	T-7	FRP-1	T-7	FRP-1	T-7	FRP-1	T-7	FRP-1	T-7	CL-3		
226	BAR	T-1	PT-1	SST	PT-1	SST	PT-1	SST	PT-1	SST	CL-2		
227	MEN	T-1/ T-2	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
228	WOMEN	T-1/ T-2	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
229	CORRIDOR	RF-3	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	CL-6		
230	ELEC.	RF-3	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
231	BOARDING	CPT-2	GL-1	SST	GL-4	SST	GL-4	SST	DP-2	SST	CL-2/ EX-2		REFER TO INTERIOR ELEVATIONS
232	VEST	CPT-3	GL-1	SST	GL-4	SST	GL-1	SST	GL-1	SST	CL-2/ EX-2		
233	CORR.	CPT-2	GL-4/DP-2	SST	GL-4	SST	DP-2	SST	--	--	CL-2		
234	FBO OFFICE	CPT-3	GL-1	SST	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-2/ EX-2		
235	WOMEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
236	MEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
237	CBP PRIMARY PROCESSING	CPT-3	PT-9	SST	PT-9	SST	PT-9	SST	PT-9	SST	CL-6		
238	MEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
239	WOMEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
240	LAN ROOM	RF-4	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-7		
241	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
242	STERILE CORR.	CPT-3	GL-1	SST	DP-2	SST	DP-2	SST	GL-1	SST	CL-2/ EX-2		
243	NOT USED												
244	NOT USED												
245	CBP COORD CENTER	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
246	NOT USED												
247	FIXED BRIDGE	--	--	--	--	--	--	--	--	--	--		EQUPT ITEM
248	FIXED BRIDGE	--	--	--	--	--	--	--	--	--	--		EQUPT ITEM
249	STOR.	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
250	CONF.	CPT-5	WC-1	WB	PT-3	WB	PT-3	WB	PT-3	WB	CL-5		
251	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
252	WHEELCHAIR	RF-3	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
290	STAIRS	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	--		
291	STAIRS	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	--		
292	STAIRS	TER	PT-9	SST	PT-9	SST	PT-9	SST	PT-9	SST	CL-6		

THIRD FLOOR FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	WALLS								CEILING	WINDOW COVERING	REMARKS
			NORTH		EAST		SOUTH		WEST				
		FINISH	FINISH	BASE	FINISH	BASE	FINISH	BASE	FINISH	BASE	MATERIAL		
301	WAITING	CPT-5	PT-5	WB	PT-3	WB	WC-2/ PT-6	WB	PT-5	WB	CL-5/ CL-6		REFER TO INTERIOR ELEVATIONS
302	CORRIDOR	CPT-3	PT-3	WB	PT-3	WB	WC-2/ PT-6	WB	PT-3	WB	CL-6		REFER TO INTERIOR ELEVATIONS
303	NOT USED												
304	MECHANICAL ROOM	SC-1	--	--	--	--	--	--	--	--	EX-1		
305	OFFICE	CPT-4	PT-4	RB-2	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5		
306	CORRIDOR	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
307	TSA TRAINING	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
308	W. LOCKER	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
309	M. LOCKER	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
310	TSA BREAK	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
311	TSA OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
312	TSA OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
313	BADGE	CPT-4	PT-3	RB-2	PT-3	RB-2	PT-3	RB-2	PT-3	RB-2	CL-5		
314	JAN.	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
315	MEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-2	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
316	WOMEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-2	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
317	CORR.	CPT-4	PT-7	RB-2	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5		
318	EMERG. OPS	CPT-5	--	--	WC-1/ PT-3	WB	PT-3	WB	PT-3	WB	CL-5/ CL-6		
319	STORAGE	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
320	OPS CONF	CPT-5	GL-1	WB	WC-1/ PT-3	WB	--	--	GL-1	WB	CL-5/ CL-6	BLINDS & BLACKOUT SHADES	
321	RECEPTION	CPT-4	WC-3	RB-2	WC-3	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5/ CL-6		
322	OPS CONF.	CPT-5	--	--	WC-1/ PT-3	WB	--	--	PT-3	WB	CL-5/ CL-6	BLINDS & BLACKOUT SHADES	
323	EXEC DIR	CPT-4	GL-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
324	OPS	CPT-4	GL-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
325	DIR.	CPT-4	GL-1	RB-2	PT-4	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5/ CL-6	BLINDS	
326	DIR.	CPT-4	GL-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
327	OFFICE	CPT-4	GL-1	RB-2	GL-1/ PT	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
328	OPEN OFFICE	CPT-4	PT-7	RB-2	GL-1	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5	BLINDS	
229	NOT USED												
330	NOT USED												
331	COPY	RB-1	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5		
332	OFFICE	CPT-4	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5		
333	MECHANICAL ROOM	SC-1	--	--	--	--	--	--	--	--	EX-1		
334	ELECTRICAL	SC-1	--	--	--	--	--	--	--	--	EX-1		
335	CORRIDOR	RF-3	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-2		
336	STORAGE	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
337	COMM ELEC	RF-4	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
390	STAIRS	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-2		
391	STAIRS	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-2		

FIRST FLOOR FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	WALLS								CEILING	WINDOW COVERING	REMARKS
			NORTH		EAST		SOUTH		WEST				
		FINISH	FINISH	BASE	FINISH	BASE	FINISH	BASE	FINISH	BASE	MATERIAL		
100/ 101	VESTIBULE		GL-1	--	GL-1/ CONC	--	GL-1	--	GL-1/ CONC	--	PT-11		ENTRANCE FLOORING SYSTEM- REFER TO DRAWINGS
102	CHECK- IN LOBBY	TER	--	--	GL-1/ CONC	SST	GL-1/ CONC	SST	--	--	CL-1		
103	CHECK- IN COUNTER	TER	DP-1/ DP-2	SST	GL-1/ CONC	SST	--	--	--	--	CL-1		REFER TO INTERIOR ELEVATIONS
104	LOBBY CIRCULATION	TER	DP-2/ DP-4	SST	--	--	DP-1	SST	--	--	CL-2/ CL-6		REFER TO INTERIOR ELEVATIONS
105	ELEV.												REFER TO DRAWINGS & ELEVATOR SPECIFICATIONS
106	RAC 5B	TER	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
107	RAC 5A	TER	--	--	GL-2/ PT-9	SST	DP-1	SST	GL-2/ PT-9	SST	CL-2		
108	RAC 4B	TER	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
109	RAC 4A	TER	--	--	GL-2/ PT-9	SST	DP-1	SST	GL-2/ PT-9	SST	CL-2		
110	RAC 3B	TER	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
111	RAC 3A	TER	--	--	GL-2/ PT-9	SST	DP-1	SST	GL-2/ PT-9	SST	CL-2		
112	RAC 2B	TER	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
113	RAC 2A	TER	--	--	GL-2/ PT-9	SST	DP-1	SST	GL-2/ PT-9	SST	CL-2		
114	RAC 1B	TER	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
115	RAC 1A	TER	--	--	GL-2/ PT-9	SST	DP-1	SST	GL-2/ PT-9	SST	CL-2		
116	BAGGAGE CLAIM	TER	DP-2/ DP-4	SST	DP-1/ DP-4	SST	GL-1/ CONC	SST	DP-4	SST	CL-2		REFER TO INTERIOR ELEVATIONS
117	INTERNATIONAL	TER	DP-2/ DP-4	SST	DP-2/ DP-4	SST	GL-1/ CONC	SST	GL-1/ CONC/ DP-2	SST	CL-1/ CL-2		REFER TO INTERIOR ELEVATIONS
118	ELEV.												REFER TO DRAWINGS & ELEVATOR SPECIFICATIONS
119	NOT USED												
120	CORRIDOR	FT-2	WP-1/ PT-1	FT-2	WP-1/ PT-1	FT-2	WP-1/ PT-1	FT-2	WP-1/ PT-1	FT-2	CL-3		
121	WHEELCHAIR	FT-2	WP-1/ PT-1	FT-2	WP-1/ PT-1	FT-2	WP-1/ PT-1	FT-2	WP-1/ PT-1	FT-2	CL-3		
122	OPS	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
123	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
124	OPS	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
125	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
126	LOADING	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
127	OPS	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
128	SPRINKLER	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
129	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
130	UNISEX	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
131	OPS	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
132	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
133	CBIS ROOM	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
134	BAG	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
135	BAG	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
136	MEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
137	FAMILY	T-1	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
138	JAN.	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-4		
139	WOMEN	T-1/ T-2	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5	T-4	T-3/ T-4/ T-5 GT-1	T-4	T-3/ T-4/ T-5	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
140	CORRIDOR	RF-3	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	CL-3		
141	MAINT	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
142	BHS STOR	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
143	MA.CH.	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
144	CBIS CONT.	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
145	W. LOCKER	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
146	M. LOCKER	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
147	NOT USED												
148	SUB OFFICE	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
149	ELECTRICAL	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
150	CORRIDOR	RF-3	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	WP-1/ PT-1	RB-1	CL-6		
151	COMM	SC-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-6		
152	NOT USED												
153	ELEV MACHINE	SC-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
154	ELEV												REFER TO DRAWINGS & ELEVATOR SPECIFICATIONS
155	RECHECK	TER	DP-4/ PT-9	SST	DP-4	SST	DP-2	SST	DP-4	SST	CL-2		
156	BREAK	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-6		
157	MEN	FT-1	T-6/ PT-1	FT-1	T-6/ T-7/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
158	WOMEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ T-7/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
159	SECONDARY	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
160	AG LAB	FT-2	PT-3	FT-2	PT-3	FT-2	PT-3	FT-2	PT-3	FT-2	CL-6		
161	INTERV.	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
162	ADIT	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
163	ROVER	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
164	STOR	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-6		
165	INTERV.	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
166	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
167	SECURE STOR.	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-7		
168	CORRIDOR	FT-2	WP-1 PT-1	FT-2	WP-1 PT-1	FT-2	WP-1 PT-1	FT-2	WP-1 PT-1	FT-2	CL-6		
169	SEARCH	FT-1	PT-1	FT-1	PT-1	FT-1	PT-1	FT-1	PT-1	FT-1	CL-7		
170	HOLD	FT-1	FRP-1	FT-1	FRP-1	FT-1	FRP-1	FT-1	FRP-1	FT-1	CL-7		
171	HOLD	FT-1	FRP-1	FT-1	FRP-1	FT-1	FRP-1	FT-1	FRP-1	FT-1	CL-7		
172	DBS	FT-2	PT-1	FT-2	PT-1	FT-2	PT-1	FT-2	PT-1	FT-2	CL-6		
173	MEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
174	WOMEN	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	T-6/ PT-1	FT-1	CL-4		REFER TO INTERIOR ELEVATIONS
175	ELEV M.	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
176	TUG TUNNEL	SC-1	--	--	--	--	--	--	--	--	EX-1		
177	NOT USED												
178	EAST TUG RAMP	SC-1	--	--	--	--	--	--	--	--	EX-1		
179	WEST TUG RAMP	SC-1	--	--	--	--	--	--	--	--	EX-1		
180	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
181	CASHIER	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
182	CORRIDOR	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-6		
183	BAG	RF- 2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
184	BAG	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
190	STAIRS	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	--		
191	STAIRS	SC-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	--		
192	STAIRS	TER	PT-9	SST	PT-9	SST	PT-9	SST	PT-9	SST	--		

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4625 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: VO/MKI
DESIGNED BY: SBS/TC

AIP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

INTERIOR FINISH SCHEDULES

SHEET NUMBER

A801

BID PACKAGE 2A ISSUED FOR BID

CEILING						
CL-1	SUSPENDED LINEAR METAL CEILING		CUSTOM PRODUCT		CUSTOM FORMAT SIZE - REFER TO DRAWINGS	REFER TO CEILING PLAN DRAWINGS
CL-2	SUSPENDED WOOD GRILLE CEILING SYSTEM	RULON COMPANY	CUSTOM PANEL GRILLE ASSEMBLY: PG 7-12-37 DW	MAPLE- STAINED TO MATCH ARCHITECTS SAMPLE	CUSTOM FORMAT SIZE - REFER TO DRAWINGS	REFER TO CEILING PLAN DRAWINGS
CL-3	MINERAL FIBER CEILING TILE	ARMSTRONG CEILINGS	DUNE- FINE TEXTURED BEVELED TEGULAR SUPRAFINE EXPOSED TEE 9/16"	WHITE	24" x 24"	ANCILLARY SPACES
CL-4	WATERPROOF GYP BD- PAINTED			PAINT COLOR: PT-2		UNLESS OTHERWISE NOTED
CL-5	MINERAL FIBER CEILING TILE	ARMSTRONG CEILINGS	ULTIMA TEGULAR WITH SILHOUETTE 9/16" BOLT- SLOT 1/4" REVEAL	WHITE	24" x 24"	ADMIN LEVEL
CL-6	GYP BD. - PAINTED			PAINT COLOR: PT-2		UNLESS OTHERWISE NOTED
CL-7	REINFORCED GYP BD.- PAINTED			PAINT COLOR: PT-2		UNLESS OTHERWISE NOTED
EX-1	EXPOSED CEILING - UNFINISHED					
EX-2	EXPOSED CEILING - PAINTED			PAINT COLOR: PT-11		

INTERIOR MATERIAL SCHEDULE

CODE TAG	MATERIAL	MANUFACTURER	SERIES	COLOR/ FINISH	DIMENSIONS	REMARKS
MILLWORK						
MLT-1	STAINLESS STEEL	CHEMETAL	STAINLESS STEEL	# 710 BRUSHED	REFER TO DRAWINGS	
PL-1	PLASTIC LAMINATE	WILSONART	STANDARD	GREY MESH 4877-38	REFER TO DRAWINGS	EDGE PROFILE: EASED EDGE
PL-2	PLASTIC LAMINATE	WILSONART	STANDARD	PEWTER MESH 4878-38	REFER TO DRAWINGS	EDGE PROFILE: EASED EDGE
PL-3	PLASTIC LAMINATE	FORMICA	STANDARD	STORM SOLIDZ- SCULPTED FINISH 3505-SP	REFER TO DRAWINGS	EDGE PROFILE: EASED EDGE
PL-4	PLASTIC LAMINATE	FORMICA	STANDARD	EBONY OXIDE MATTE FINISH 299-58	REFER TO DRAWINGS	EDGE PROFILE: EASED EDGE
PL-5	PLASTIC LAMINATE	PIONITE	STANDARD	IL PALIO PAPEL - SUEDE AV981	REFER TO DRAWINGS	EDGE PROFILE: EASED EDGE
QS-1	QUARTZ SURFACING	CAMBRIA		FIELDSTONE 2160	REFER TO DRAWINGS	EDGE PROFILE: MITERED
QS-2	QUARTZ SURFACING	CAMBRIA		SNOWDON WHITE 0110	REFER TO DRAWINGS	EDGE PROFILE: MITERED
QS-3	QUARTZ SURFACING	CAMBRIA		DEVON 2170	REFER TO DRAWINGS	EDGE PROFILE: MITERED
SSM-1	SOLID SURFACE	DUPONT- CORIAN		ANTHRACITE	REFER TO DRAWINGS	EDGE PROFILE: EVEN RECEDING
SSM-2	SOLID SURFACE	DUPONT- CORIAN		LINEN	REFER TO DRAWINGS	EDGE PROFILE: EVEN RECEDING
SSM-3	SOLID SURFACE	DUPONT- CORIAN	TERRA COLLECTION	MEDEA	REFER TO DRAWINGS	EDGE PROFILE: EVEN RECEDING
WD-1	WOOD		QTD MAPLE FSC CERTIFIED	CUSTOM STAINED TO MATCH ARCHITECTS SAMPLE		GRAIN -VERTICAL

MILLWORK FINISH SCHEDULE

ROOM #	ROOM NAME	COUNTER MATERIAL	FAÇADE MATERIAL	SIDES MATERIAL	SHELVES MATERIAL	REMARKS
103	CHECK-IN COUNTER	QS-2	DP-3/ MTL-1	DP-3/ MTL-1		
107	RAC5A	QS-1	DP-3/ MTL-1	DP-3/ MTL-1		
109	RAC4A	QS-1	DP-3/ MTL-1	DP-3/ MTL-1		
111	RAC3A	QS-1	DP-3/ MTL-1	DP-3/ MTL-1		
113	RAC2A	QS-1	DP-3/ MTL-1	DP-3/ MTL-1		
115	RAC1A	QS-1	DP-3/ MTL-1	DP-3/ MTL-1		
117	INTERNATIONAL	PL-3	PL-4	PL-4	PL-4	PODIUM
148	SUB OFFICE	PL-2	PL-1	PL-1	PL-1	
156	TSA BREAK	PL-2	PL-1	PL-1	PL-1	
159	SECONDARY	PL-3	PL-4	PL-4	PL-4	PODIUMS
160	AG LAB	SST	SST	SST	SST	
163	ROVER	PL-2	PL-1	PL-1	PL-1	
181	CASHIER	PL-2	PL-1	PL-1	PL-1	
214	TSA QUEUE	PL-3	PL-1	PL-1	PL-1	PODIUM
219	CONCOURSE	QS-2	DP-3/ MTL-1	DP-3/ MTL-1		
231	BOARDING	PL-3	PL-4	PL-4	PL-4	PODIUM
237	CBP PRIMARY PROCESSING	SSM-1	PL-2	PL-2	PL-2	
245	CBP COORD CENTER	PL-2	PL-1	PL-1	PL-1	
310	TSA BREAK	PL-2	PL-1	PL-1	PL-1	
318	EMERGENCY CONF	SSM-2	PL-4	PL-4	PL-4	
322	OPS CONF	SSM-2	PL-4	PL-4	PL-4	
328	OPEN OFFICE	PL-3	PL-4	PL-4	PL-4	

FINISH NOTES FOR ALL AREAS RECEIVING NEW CONSTRUCTION:

1. ALL WALLS AND COLUMN ENCLOSURES TO BE PAINTED (PT-1) SATIN FINISH, UNLESS OTHERWISE NOTED.
2. ALL WALLS TO RECEIVE (VB-1) VINYL BASE, UNLESS OTHERWISE NOTED.
3. STEEL DOORS AND FRAMES TO BE PAINTED WITH A SEMI"GLOSS FINISH. ALL PAINTED DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL OTHERWISE NOTED. WOOD FRAMES TO BE STAINED AND VARNISHED, WOOD DOORS ARE TO BE FACTORY PRE-FINISHED TO MATCH (WD-1).
4. ALL FLOOR FINISH TO BE CARPET (CPT-1) UNLESS OTHERWISE NOTED.
5. GENERAL CONTRACTOR AND SUB-CONTRACTOR MUST NOTIFY ARCHITECT OF ANY MATERIALS REQUIRING LONG LEAD TIMES SO THAT THESE MATERIALS MAY BE ORDERED OR PRE-ORDERED TO ENSURE A TIMELY COMPLETION WITHIN THE OWNER'S CONSTRUCTION SCHEDULE.
6. NEW RESILIENT BASE TO BE 4" HIGH UNLESS OTHERWISE NOTED. RESILIENT BASE TO BE FURNISHED FROM A CONTINUOUS ROLL, AND INSTALLED WITH NO JOINTS. IF LENGTH TO BE INSTALLED IS GREATER THAN THE LENGTH OF OF THE LARGEST ROLL, PLACE JOINTS EQUAL DISTANCE FROM EACH OTHER. EXTERIOR CORNERS ARE TO BE FORMED CONTINUOUS WITH SAME COIL STOCK. NO PREFORMED CORNERS AND BACKREST.
7. RESILIENT BASE AT CARPET AREAS TO BE FLAT BASE. RESILIENT BASE AT HARD SURFACE FLOORS TO BE COVED BASE.
8. PARTITIONS CONCEALED WITH MILLWORK CABINETRY TO BE TAPED, DRYWALL COMPOUND APPLIED, SANDED, SMOOTHED, AND PRIMED.
9. PROVIDE FINISH COAT OF PAINT AT ALL EXPOSED WALL SURFACE AREAS BEHIND APPLIED MILLWORK, FILE CABINETS, PANELS, ETC. DUE TO REVEALS, JOINTS, OPENINGS, END CONDITIONS, ETC. REVEAL COLOR TO BE FLAT BLACK UNLESS OTHERWISE NOTED.
10. ALL ACCESS PLATES, PANELS, BOXES, COVERS, MECH, CUH, BASEBOARD COVERS AND SUPPORTS TO BE FACTORY PRE-FINISHED AND TO RECEIVE SEMI- GLOSS FINISH TO MATCH WALL COLOR.
11. PRIOR TO APPLICATION OF PAINT, ALL SURFACES SHOULD BE PROPERLY PREPARED, TAPED, AND SANDED.
12. ALL GYPSUM REVEALS, CORNERS,,AND TRANSITIONS TO BE FORMED WITH PVC FINISH BEADS. ALL BEADS ARE TO BE TAPED, DRYWALL COMPOUND APPLIED, AND SANDED SMOOTH.
13. FINISH FLOOR MATERIAL TO BE INSTALLED UNDER ALL MILLWORK. FLOOR FINISH TO RUN UP TO CABINET AND BUT INTO KNEE SPACES. BASE OF ROOM TO BE APPLIED TO CABINET AND EXPOSED CABINET AND SHALL BE FINISHED SAME AS CABINET BODY.
14. TRANSITIONS BETWEEN DISSIMILAR FLOOR FINISHES TO ALIGN UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED FLOOR LEVELING REQUIRED TO COMPLETE A QUALITY INSTALLATION. THE FLOORING CONTRACTOR IS RESPONSIBLE FOR LEVELING.
15. TRANSITIONS OCCURRING IN A DOOR OPENING SHALL BE INSTALLED SO THE TRANSITION OCCURS UNDER THE CENTER LINE OF OF THE DOOR IN THE CLOSED POSITION.
16. PROVIDE RESILIENT TRANSITION STRIPS AT ALL CARPETI HARD SURFACE TRANSITIONS, FLOORING CONTRACTOR TO SUBMIT MANUFACTURER'S FULL LINE OF AVAILABLE COLORS FOR ARCHITECTS APPROVAL.
17. FLOORING CONTRACTOR TO PROVIDE CARPET SEAMING DIAGRAM TO ARCHITECT FOR REVIEW PRIOR TO CUTTING OR INSTALLATION.
18. REFER TO REFLECTED CEILING DRAWINGS FOR CEILING FINISHES AND LOCATIONS, HEIGHTS, ETC.
19. ALL EXISTING DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL BOTH INTERIOR AND EXTERIOR SIDES. EXISTING STAINED DOORS ARE TO BE TOUCH STAINED AND REVARNISHED.
20. PAINT ALL EXPOSED DUCTWORK, CONDUIT, PIPES, AND MECHANICAL ELECTRICAL EQUIPMENT.
21. STAIRS: PAINT ALL EXPOSED METAL INCLUDING, BUT NOT LIMITED TO STRINGERS. RISERS, AND TREAD PANS.

INTERIOR MATERIAL SCHEDULE

CODE TAG	MATERIAL	MANUFACTURER	SERIES	COLOR/ FINISH	DIMENSIONS	REMARKS
FLOOR						
CPT-1	BROADLOOM	BENTLEY PRINCE STREET	LAKE STREET / 4LR220620R	VOILATIONS- HOV LANE 400960		ANCILLARY SPACES
CPT-2	CARPET TILE	MASLAND	MOLTEN / T431	NUTRIENT 04432	24" x 24" TILES/ ASHLAR INSTALL	PUBLIC AREAS
CPT-3	CARPET TILE	MASLAND	TENSILE/ T430	NUTRIENT 04432	24" x 24" TILES/ QUARTER TURN INSTALL	PUBLIC AREAS
CPT-4	BROADLOOM	BENTLEY PRINCE STREET	SCAN/ 4SH3406301	DIGITAL 404182		ADMIN LEVEL - OFFICES
CPT-5	BROADLOOM	MASLAND	MOLTEN / T431	STEEL 04486	24" x 24" TILES/ ASHLAR INSTALL	ADMIN - CONF ROOMS
FT-1	FLOOR TOPPING- FLAKE COATING SYSTEM	SIKA INDUSTRIAL FLOORING	DECOFLAKE + SF510 TOP	GRANITE	N/A	ANCILLARY SPACES
FT-2	FLOOR TOPPING- FLAKE COATING SYSTEM	SIKA INDUSTRIAL FLOORING	DECOFLAKE + SF510 TOP	CUSTOM COLOR	N/A	ANCILLARY SPACES
RF-1	RESILIENT FLOORING	MANNINGTON	SOLID POINT - PREMIUM VISUAL TILE W/ RECYCLED CONTENT	343 CITRINE	12" x 12" TILES 1/8" GAUGE	
RF-2	RESILIENT FLOORING	MANNINGTON	SOLID POINT - PREMIUM VISUAL TILE W/ RECYCLED CONTENT	320 NAVY	12" x 12" TILES 1/8" GAUGE	
RF-3	RESILIENT FLOORING	MANNINGTON	BIOSPEC- HOMOGENEOUS SHEET FLOORING	IRON 15168	6' ROLLED GOODS	
RF-4	STATIC- DISSIPATIVE FLOORING	ARMSTRONG	STATIC DISSIPATIVE SDT	MOSS GREEN 51955	12" x 12" TILES	
SC-1	SEALED CONCRETE - NO STAIN					
SC-2	SEALED CONCRETE - STAINED			TBD		
TER-1	TERRAZZO FLOORING	TERRAZZO & MARBLE SUPPLY	RESINOUS MATRIX	TM# 05-1116	REFER TO FINISH PLAN FOR PATTERN AND FLOORING DETAILS	TAG- LIGHT CREAM COLOR DIVIDER STRIP: ZINC
TER-2	TERRAZZO FLOORING	TERRAZZO & MARBLE SUPPLY	RESINOUS MATRIX	TM# 04-1041	REFER TO FINISH PLAN FOR PATTERN AND FLOORING DETAILS	TAG- WARM LIGHT GREY COLOR DIVIDER STRIP: ZINC
TER-3	TERRAZZO FLOORING	TERRAZZO & MARBLE SUPPLY	RESINOUS MATRIX	TM# 10-1451	REFER TO FINISH PLAN FOR PATTERN AND FLOORING DETAILS	TAG- DARK GREY COLOR DIVIDER STRIP: ZINC
TER-4	TERRAZZO FLOORING	TERRAZZO & MARBLE SUPPLY	RESINOUS MATRIX	TM# 10-804	REFER TO FINISH PLAN FOR PATTERN AND FLOORING DETAILS	TAG- DARK BLUE NAVY COLOR DIVIDER STRIP: ZINC
T-1	PORCELAIN TILE- FLOOR	AMERICAN OLEAN	URBAN TONES WITH OUTSTAND TECHNOLOGY	MUSHROOM R963	18" x 18"	GROUT COLOR: TBD
T-2	PORCELAIN TILE- FLOOR	AMERICAN OLEAN	URBAN TONES WITH OUTSTAND TECHNOLOGY	MUSHROOM SALT & PEPPER R983	6" x 6"	GROUT COLOR: TBD
BASE						
RB-1	RUBBER BASE- STANDARD PROFILE	ROPPE	700 SERIES	TBD	4" HIGH	ANCILLARY SPACES
RB-2	RUBBER BASE- UPGRADED PROFILE	ROPPE	PINNACLE PLUS	TBD	4" HIGH	ADMIN LEVEL
SST	STAINLESS STEEL BASE		STAINLESS STEEL	#710 BRUSHED	6" HIGH	PUBLIC AREAS
WB	WOOD BASE		QTD MAPLE	CUSTOM STAINED TO MATCH ARCHITECTS SAMPLE	4" HIGH	ADMIN LEVEL
WALLS						
DP-1	DECORATIVE PANELS- WOOD	RULON COMPANY	FLAT VENEER WALL PANELS - QTD MAPLE FSC CERTIFIED	CUSTOM STAINED TO MATCH ARCHITECTS SAMPLE	REFER TO INTERIOR ELEVATION SHEETS	GRAIN -VERTICAL
DP-2	DECORATIVE PANELS- WOOD	RULON COMPANY	FLAT VENEER WALL PANELS - QTD CHERRY EXP FSC CERTIFIED	CUSTOM STAINED TO MATCH ARCHITECTS SAMPLE	REFER TO INTERIOR ELEVATION SHEETS	GRAIN -VERTICAL
DP-3	DECORATIVE PANELS- METAL	FORMS & SURFACES	BONDED METAL-MARA	COPPER PATINA: NATURAL	REFER TO INTERIOR ELEVATION SHEETS THICKNESS: 4.8" MM	
DP-4	DECORATIVE PANELS- METAL	FORMS & SURFACES	BONDED METAL-MARA	GOLD BRONZE PATINA: NATURAL	REFER TO INTERIOR ELEVATION SHEETS THICKNESS: 4.8" MM	
FRP-1	FIBERGLASS REINFORCED PANEL	KEMLITE COMPANY	KEMPLY PRE-LAMINATED WALL PANELS	TBD	REFER TO INTERIOR ELEVATION SHEETS	
GL-1	EXTERIOR GLAZING SYSTEM				REFER TO EXTERIOR ELEVATION SHEETS	
GL-2	INTERIOR TEMPERED PATTERNED GLASS	FORMS & SURFACES	KALAHARI	N/A	REFER TO INTERIOR ELEVATION SHEETS THICKNESS: 1/4"	
GL-3	CLEAR TEMPERED GLASS				REFER TO INTERIOR ELEVATION SHEETS	
GL-4	LAMINATED DECORATIVE GLASS W/ DOUBLE LAYER CUSTOM GRAPHIC	VIVID GLASS	VIVIGRAPHIC VIEW VGV2779-00-3G3G	FINISH: SMOOTH COLORMATCH: N/A	REFER TO INTERIOR ELEVATION SHEETS	TO MATCH GRAPHIC PATTERN DESIGN AND LAYOUT PROVIDED BY ARCHITECT
GT-1	GLASS MOSAIC TILE	AMERICAN OLEAN	LEGACY GLASS	LG04 CYPRESS	2" x 2" MESH MOUNT	GROUT COLOR:
GT-2	GLASS MOSAIC TILE	AMERICAN OLEAN	LEGACY GLASS	LG28 PEWTER	2" x 2" MESH MOUNT	GROUT COLOR:
PT-1	PAINT	BENJAMIN MOORE	AFFINTY SERIES	PAPER MACHE AF-25		
PT-2	PAINT	BENJAMIN MOORE	AFFINTY SERIES	FROSTINE AF-5		GENERAL CEILING COLOR
PT-3	PAINT	BENJAMIN MOORE	AFFINTY SERIES	JUTE AF-80		
PT-4	PAINT	BENJAMIN MOORE	AFFINTY SERIES	GLACIAL TILL AF-390		
PT-5	PAINT	BENJAMIN MOORE	MOOR-O-MATIC SERIES	HC-104		
PT-6	PAINT	BENJAMIN MOORE	MOOR-O-MATIC SERIES	HC-100		
PT-7	PAINT	BENJAMIN MOORE	COLOR PREVIEW SERIES	SMOKY MOUNTAIN AC-18		
PT-8	PAINT	BENJAMIN MOORE	CLASSIC COLORS SERIES	HALE NAVY HC-154		
PT-9	PAINT	BENJAMIN MOORE	TBD	TBD		
PT-10	PAINT	GLIDDEN PROFESSIONAL / ICI	TBD	TBD		
PT-11	PAINT	GLIDDEN PROFESSIONAL / ICI	#00NN 13/000 ORDER #A2014	OBSIDIAN GLASS		EXPOSED METAL DECK COLOR
PT-12	PAINT	GLIDDEN PROFESSIONAL / ICI	#00NN 16/000 ORDER #A2008	GREY TABBY		STRUCTURAL STEEL COLOR
T-3	PORCELAIN TILE- WALL	CROSSVILLE	RETRO ACTIVE	A215 EMPRESS WHITE	3" x 12"	GROUT COLOR: TBD
T-4	PORCELAIN TILE- WALL	CROSSVILLE	RETRO ACTIVE	A870 SEAL TAUPE	3" x 12"	GROUT COLOR: TBD
T-5	PORCELAIN TILE- MOSAIC WITH WALL LINER BAR AT TOP AND BOTTOM OF MOSAIC	AMERICAN OLEAN	HIGHLAND RIDGE	RIVERSTONE PEBBLE STONE BORDER- DARK	4" x 12"	GROUT COLOR: TBD
		CROSSVILLE	STAINLESS STEEL	STAINLESS STEEL SATIN WALL LINER BAR	1" x 8"	GROUT COLOR: TBD
T-6	PORCELAIN TILE- WALL	AMERICAN OLEAN	BRIGHT & MATTE - GROUP 1	0067 MATTE SAND DOLLAR	6" x 6"	GROUT COLOR: TBD
T-7	PORCELAIN TILE- FLOOR & WALL	AMERICAN OLEAN	UNGLAZED CERAMIC MOSAICS	A95-VANILLA CREAM	2" x 2"	GROUT COLOR: TBD
WC-1	WALL COVERING	MDC WALLCOVERINGS	VYCON LEGACY Y45015LG/ 4558	SORRELL	54" WIDTH	
WC-2	WALL COVERING	MDC WALLCOVERINGS	VYCON LEGACY SWING Y46148LS/ 4558	BURMESE JADE	54" WIDTH	
WC-3	WALL COVERING	MDC WALLCOVERINGS	LENTEX/ 2582IL/ 4558	INTERLOCK LAPIS	54" WIDTH	
WC-4	WALL COVERING	MAHARAM	EFFECT 398550	RATTAN 006	54" WIDTH	
WP-1	WALL PROTECTION - RIGID SHEET VINYL	CONSTRUCTION SPECIALTIES	ACROVYN 4000 HIGH IMPACT WALLCOVERING	TBD- STANDARD COLOR SELECTIONS	THICKNESS .040"	PARTIAL HEIGHT 5'-0" AFF- ALL LOCATIONS

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: VO/MKI
DESIGNED BY: SBS/TC

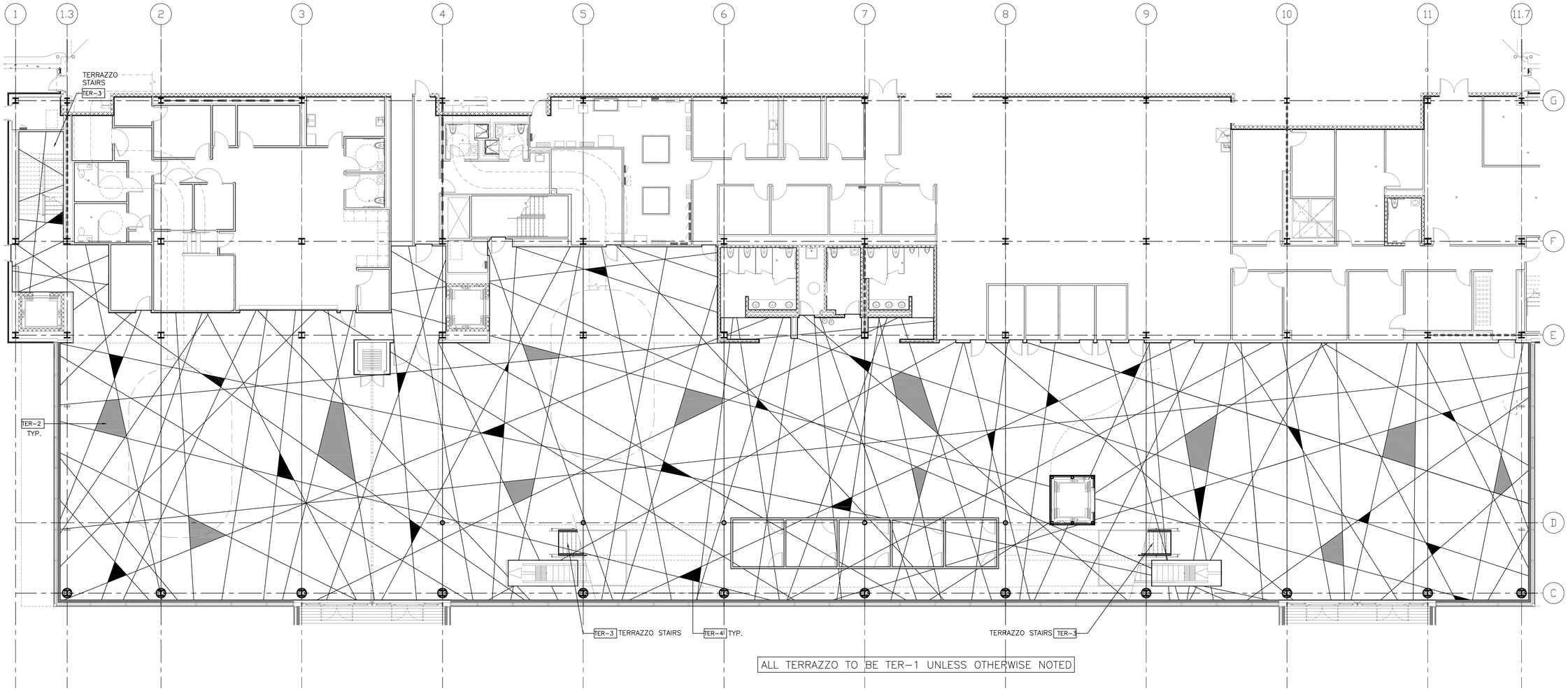
AEP PROJECT NUMBER
213-1882-091

©2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR MATERIALS AND EQUIPMENT SCHEDULE

SHEET NUMBER
A802

BID PACKAGE 2A ISSUED FOR BID



ALL TERRAZZO TO BE TER-1 UNLESS OTHERWISE NOTED

1 FLOOR FINISH PLAN
3/32" = 1'-0"

N

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

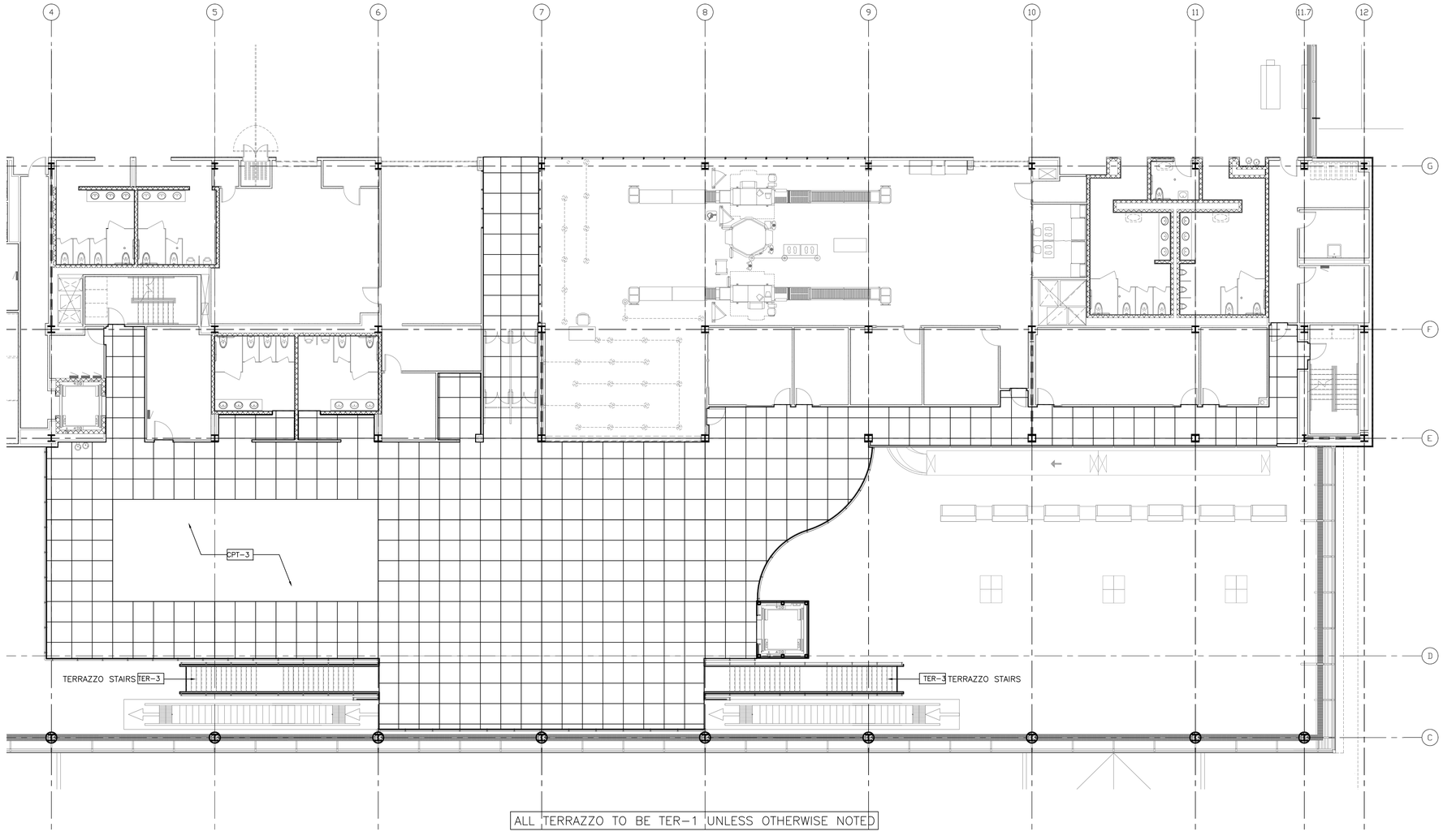
INTERIOR FINISHES FIRST FLOOR TERRAZZO PLAN

SHEET NUMBER

A810

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A810 Interior Finishes – First Floor Terrazzo Plan.dwg Plotted on: 1/28/2011 10:08 PM Plotted by: lp, Mark



ALL TERRAZZO TO BE TER-1 UNLESS OTHERWISE NOTED

1 FLOOR FINISH PLAN
3/32" = 1'-0"

N

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1062
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 06-03-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

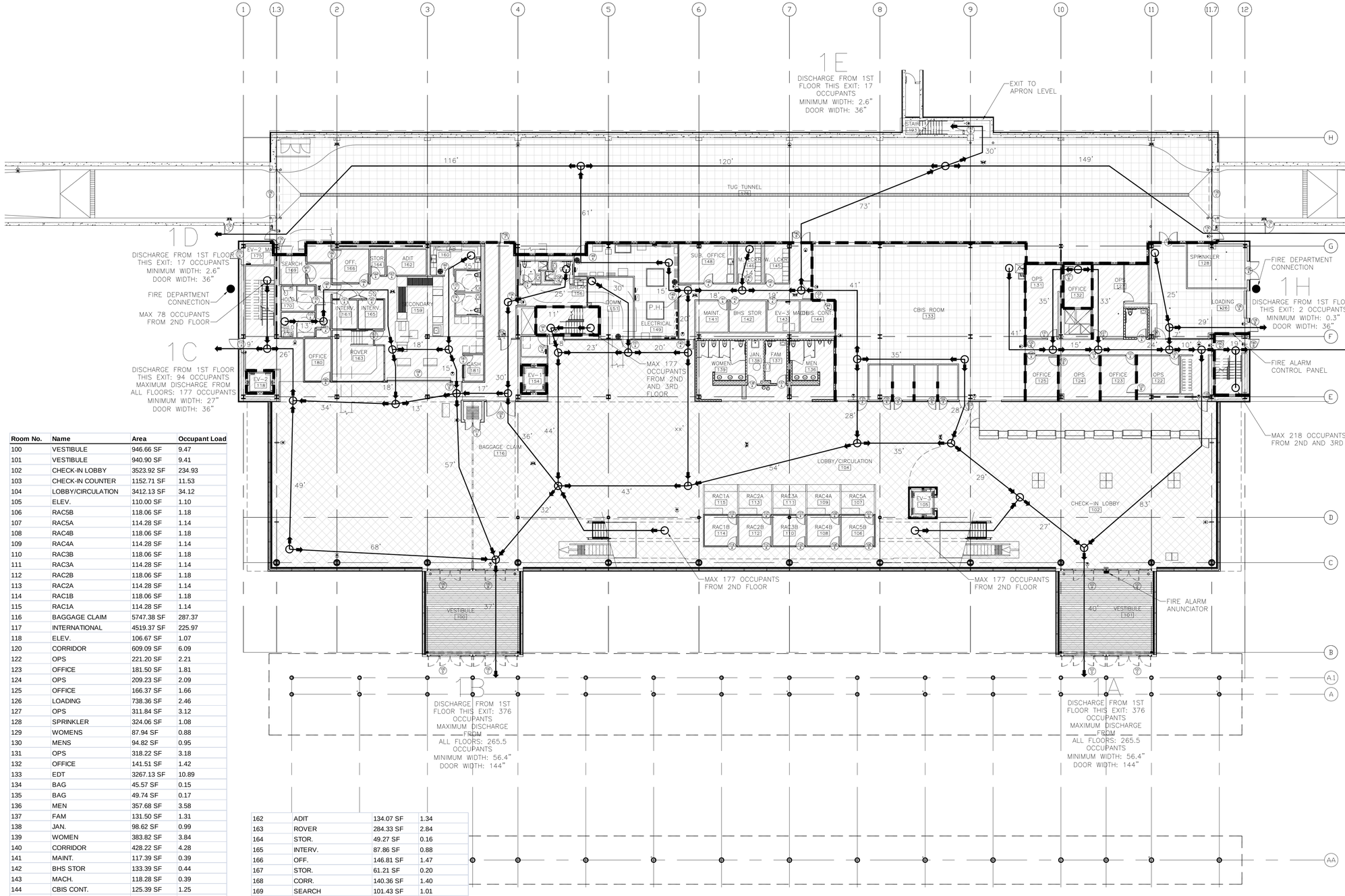
INTERIOR FINISHES SECOND FLOOR TERRAZZO PLAN

SHEET NUMBER

A810A

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A810A Interior Finishes – Second Floor Terrazzo Plan.dwg Plotted on: 1/28/2011 10:09 PM Plotted by: lp, Mark



Room No.	Name	Area	Occupant Load
100	VESTIBULE	946.66 SF	9.47
101	VESTIBULE	940.90 SF	9.41
102	CHECK-IN LOBBY	3523.92 SF	234.93
103	CHECK-IN COUNTER	1152.71 SF	11.53
104	LOBBY/CIRCULATION	3412.13 SF	34.12
105	ELEV.	110.00 SF	1.10
106	RAC5B	118.06 SF	1.18
107	RAC5A	114.28 SF	1.14
108	RAC4B	118.06 SF	1.18
109	RAC4A	114.28 SF	1.14
110	RAC3B	118.06 SF	1.18
111	RAC3A	114.28 SF	1.14
112	RAC2B	118.06 SF	1.18
113	RAC2A	114.28 SF	1.14
114	RAC1B	118.06 SF	1.18
115	RAC1A	114.28 SF	1.14
116	BAGGAGE CLAIM	5747.38 SF	287.37
117	INTERNATIONAL	4519.37 SF	225.97
118	ELEV.	106.67 SF	1.07
120	CORRIDOR	609.09 SF	6.09
122	OPS	221.20 SF	2.21
123	OFFICE	181.50 SF	1.81
124	OPS	209.23 SF	2.09
125	OFFICE	166.37 SF	1.66
126	LOADING	738.36 SF	2.46
127	OPS	311.84 SF	3.12
128	SPRINKLER	324.06 SF	1.08
129	WOMENS	87.94 SF	0.88
130	MENS	94.82 SF	0.95
131	OPS	318.22 SF	3.18
132	OFFICE	141.51 SF	1.42
133	EDT	3267.13 SF	10.89
134	BAG	45.57 SF	0.15
135	BAG	49.74 SF	0.17
136	MEN	357.68 SF	3.58
137	FAM	131.50 SF	1.31
138	JAN.	98.62 SF	0.99
139	WOMEN	383.82 SF	3.84
140	CORRIDOR	428.22 SF	4.28
141	MAINT.	117.39 SF	0.39
142	BHS STOR	133.39 SF	0.44
143	MACH.	118.28 SF	0.39
144	CBIS CONT.	125.39 SF	1.25
145	W. LCKR	117.94 SF	2.36
146	M. LCKR	116.82 SF	2.34
147	BREAK	126.93 SF	8.46
148	SUB. OFFICE	133.67 SF	1.34
149	ELECTRICAL	681.55 SF	2.27
150	LOST BAG	123.62 SF	0.41
151	COMM	155.87 SF	0.52
153	ELEV. MACH.	91.86 SF	0.31
154	ELEV.	100.02 SF	1.00
155	RECHECK	670.32 SF	6.70
156	BREAK	214.80 SF	14.32
157	MEN	84.03 SF	0.84
158	WOMEN	74.36 SF	0.74
159	X-RAY	977.83 SF	3.26
160	AG. LAB	144.85 SF	1.45
161	INTERV.	83.68 SF	0.84
162	ADIT	134.07 SF	1.34
163	ROVER	284.33 SF	2.84
164	STOR.	49.27 SF	0.16
165	INTERV.	87.86 SF	0.88
166	OFF.	146.81 SF	1.47
167	STOR.	61.21 SF	0.20
168	CORR.	140.36 SF	1.40
169	SEARCH	101.43 SF	1.01
170	HOLD	112.84 SF	1.13
171	HOLD	112.84 SF	1.13
172	DBS	14.95 SF	0.15
173	MEN	75.42 SF	0.75
174	WOM	75.42 SF	0.75
175	ELEV M	100.11 SF	0.33
176	TUG TUNNEL	11702.26 SF	39.01
180	OFFICE	132.23 SF	1.32
181	CASH	64.17 SF	0.64
182	CORR.	109.29 SF	1.09
183	BAG	48.18 SF	0.16
184	BAG	42.45 SF	0.14
190	STAIRS	270.25 SF	2.70
191	STAIRS	193.86 SF	1.94
192	STAIRS	299.01 SF	2.99
193	STAIR	200.73 SF	2.01

1 LIFE SAFETY PLAN
1/16" = 1'-0"

N

OCCUPANCY CALCULATION
B OCCUPANCY: 103
A3 OCCUPANCY: 878
S2 OCCUPANCY: 13
TOTAL OCCUPANTS: 994

FIRE RATING & TRAVEL DISTANCE LEGEND

1 HR Fire Rating	
Start Point of Travel to Exit	O
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	

OCCUPANCY AREAS LEGEND

S2 Occupancy	
A3 Occupancy	
B Occupancy	

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

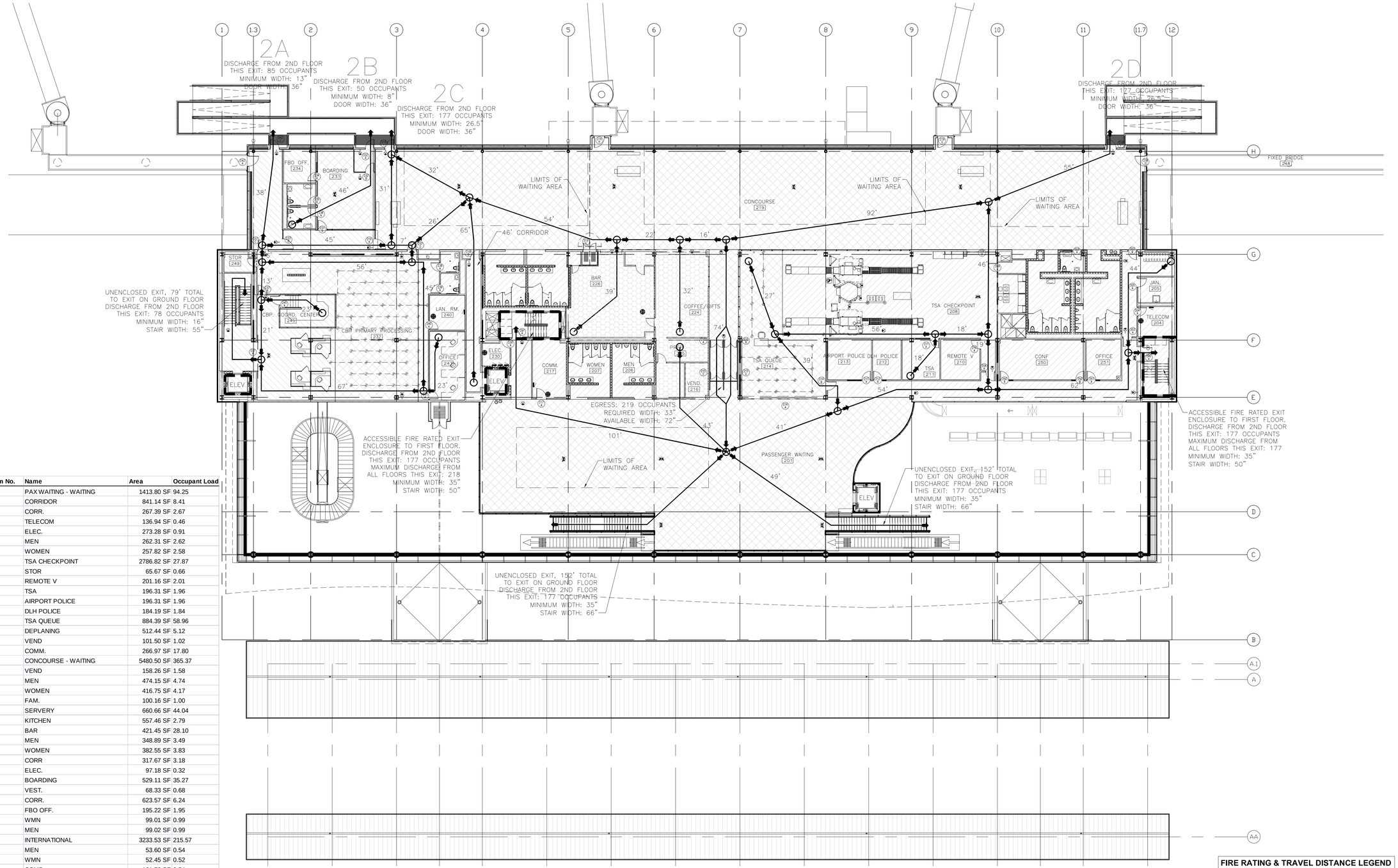
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
FIRST FLOOR LIFE SAFETY PLAN

SHEET NUMBER
LS101

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\LS101 First Floor Life Safety.dwg Plotted on: 1/28/2011 10:09 PM Plotted by: ip, Mark



Room No.	Name	Area	Occupant Load
201	PAX WAITING - WAITING	1413.80 SF	94.25
202	CORRIDOR	841.14 SF	8.41
203	CORR.	267.39 SF	2.67
204	TELECOM	136.94 SF	0.46
205	ELEC.	273.28 SF	0.91
206	MEN	262.31 SF	2.62
207	WOMEN	257.82 SF	2.58
208	TSA CHECKPOINT	2786.82 SF	27.87
209	STOR	65.67 SF	0.66
210	REMOTE V	201.16 SF	2.01
211	TSA	196.31 SF	1.96
212	AIRPORT POLICE	196.31 SF	1.96
213	DLH POLICE	184.19 SF	1.84
214	TSA QUEUE	884.39 SF	58.96
215	DEPLANING	512.44 SF	5.12
216	VEND	101.50 SF	1.02
217	COMM.	266.97 SF	17.80
219	CONCOURSE - WAITING	5480.50 SF	365.37
220	VEND	158.26 SF	1.58
221	MEN	474.15 SF	4.74
222	WOMEN	416.75 SF	4.17
223	FAM.	100.16 SF	1.00
224	SERVERY	660.66 SF	44.04
225	KITCHEN	557.46 SF	2.79
226	BAR	421.45 SF	28.10
227	MEN	348.89 SF	3.49
228	WOMEN	382.55 SF	3.83
229	CORR	317.67 SF	3.18
230	ELEC.	97.18 SF	0.32
231	BOARDING	529.11 SF	35.27
232	VEST.	68.33 SF	0.68
233	CORR.	623.57 SF	6.24
234	FBO OFF.	195.22 SF	1.95
235	WMN	99.01 SF	0.99
236	MEN	99.02 SF	0.99
237	INTERNATIONAL	3233.53 SF	215.57
238	MEN	53.60 SF	0.54
239	WMN	52.45 SF	0.52
240	COMP.	161.76 SF	0.54
241	OFFICE	315.88 SF	3.16
245	ROVER	229.44 SF	2.29
249	STOR	104.25 SF	0.35
250	CONF	395.19 SF	26.35
251	OFFICE	144.56 SF	1.45
252	STOR.	49.33 SF	0.16
253	WHLCHR	34.99 SF	0.12
290	STAIRS	259.86 SF	2.60
291	STAIRS	196.09 SF	1.96
292	STAIRS	314.47 SF	3.14
293	JAN	41.41 SF	0.14
201A	PAX WAITING - CIRCULATION	5222.44 SF	52.22
219A	CONCOURSE - CIRCULATION	4528.81 SF	45.29

N

1 LIFE SAFETY PLAN
1/16" = 1'-0"

OCCUPANCY CALCULATION
B OCCUPANCY: 157
A3 OCCUPANCY: 867
A2 OCCUPANCY: 72
TOTAL OCCUPANTS: 1096

FIRE RATING & TRAVEL DISTANCE LEGEND

1 HR Fire Rating	
Start Point of Travel to Exit	
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	

OCCUPANCY AREAS LEGEND

B Occupancy	
A2 Occupancy	
A3 Occupancy	

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

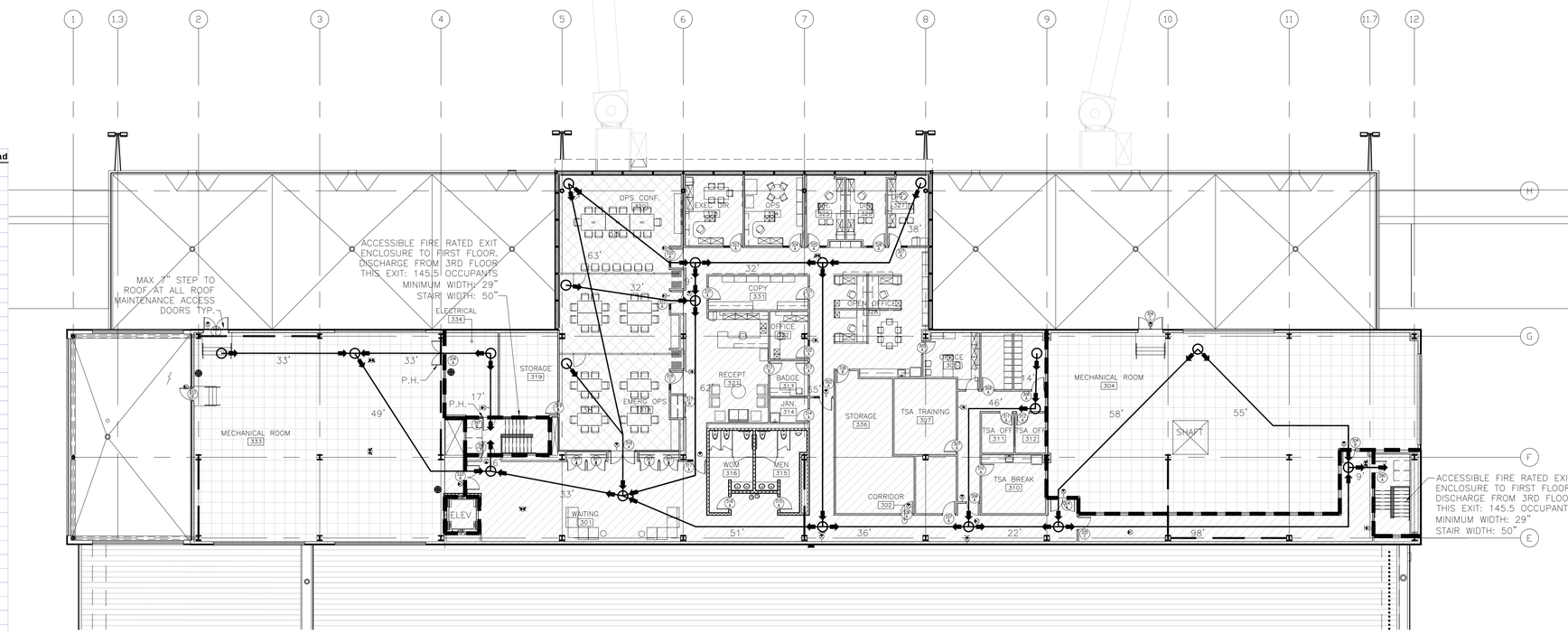
SECOND FLOOR LIFE SAFETY PLAN

SHEET NUMBER

LS102

BID PACKAGE 2A ISSUED FOR BID

Room No.	Name	Area	Occupant Load
301	WAITING	1301.22 SF	13.01
302	CORRIDOR	831.55 SF	8.32
304	MECHANICAL ROOM	3774.52 SF	12.58
305	STORAGE	199.26 SF	0.66
306	CORR.	245.29 SF	2.45
307	TRAINING	302.66 SF	20.18
308	W. LCKR	134.74 SF	2.69
309	M. LCKR	130.31 SF	2.61
310	BREAK	245.58 SF	16.37
311	OFFICE	77.47 SF	0.77
312	OFFICE	74.00 SF	0.74
313	COMM/ELEC.	147.73 SF	0.49
314	JAN.	61.81 SF	0.21
315	MEN	248.04 SF	2.48
316	WOM	207.97 SF	2.08
317	CORR.	721.07 SF	7.21
318	EMERG OPS	1325.01 SF	88.33
319	STORAGE	320.82 SF	1.07
320	OPS CONF.	799.93 SF	53.33
321	RECEPT	231.70 SF	2.32
322	BADGE	92.19 SF	0.92
323	EXEC DIR	308.06 SF	3.08
324	OPS	278.92 SF	2.79
325	DIR.	210.79 SF	2.11
326	DIR.	199.52 SF	2.00
327	OFF.	220.45 SF	2.20
328	OPEN OFFICE	723.85 SF	7.24
331	COPY	219.82 SF	2.20
332	OFFICE	131.94 SF	1.32
333	MECHANICAL ROOM	3471.63 SF	11.57
334	ELECTRICAL	297.79 SF	0.99
335	CORRIDOR	967.01 SF	9.67
336	UNUSED	733.02 SF	2.44
390	STAIRS	283.02 SF	2.83
391	STAIRS	208.30 SF	2.08



N

1 LIFE SAFETY PLAN
1/16" = 1'-0"

OCCUPANCY CALCULATION
B OCCUPANCY: 126
A3 OCCUPANCY: 141
S2 OCCUPANCY: 24
TOTAL OCCUPANTS: 291

FIRE RATING & TRAVEL DISTANCE LEGEND

1 HR Fire Rating	
Start Point of Travel to Exit	
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	

OCCUPANCY AREAS LEGEND

S2 Occupancy	
B Occupancy	
A3 Occupancy	

RS&H

ARCHITECTURAL

Reynolds, Smith and Hills, Inc. — CODE COMPLIANCE EVALUATION

PROJECT: **Duluth International Airport**

PROJ #: **2131882.091**

DATE: 10/2/2009 *Prepared by:* **Mark Ip**

I APPLICABLE CODE(S):

Life Safety: IBC-2006, 2007 MSBC	Mechanical: IMC-2006
Accessibilty: IBC-2006, (ANSI/ICC) ADA, 2007 Minn Acc. Code	Gas: IFGC-2006
Building Code: IBC-2006, 2007 MSBC	Electric: ICC EC-2006
Plumbing Code: IPC-2006, Minn. Plumbing Code, Ch. 4715	Other:

II BUILDING DATA

1.	Total Gross Square Feet	**101,625**	6. Sprinklered	**Y**
2.	Number of Floors	**3**	7. Open Space - Area Mod.	**Y**
3.	Height of Building	**51**	a. If yes, Building Perimeter	**1077**
4.	Design Occupant Load	**2976.93**	b. Perim. w. min 20' open space	**1077**
5.	GLA	**2601.00**	8. OLF	**25.18**

III	CODE REVIEW		Reference	Notes
A	Classification Of Occupancy:			
	1. Occupancy Type 1	**Assembly for worship/recreation/amusement (A-3)**	Ref 302	See section 508 for occupancy separation req.
	2. Occupancy Type 2	**Business (B)**		
	3. Occupancy Type 3	**Storage Low Hazard (S-2)**		
	4. Occupancy Type 4	**Assembly for food consumption (A-2)**		
	5. Occupancy Type 5			
	6. Governing Occupancy	**Assembly for worship/recreation/amusement (A-3)**		
B	Construction Type:	**II-B**	Ref 602	Noncombustible Frame, Walls, Floor, Roof
C	Area Limitation:	**Unlimited**	Ref Chap 5	**Covered Mall Occupancy, ref 402.1**
D	Height Limitation:	**55**	Ref Chap 5	
E	Maximum number of Floors:	**3**	Ref Chap 5	**Covered Mall Occupancy, ref 402.1**
F	Fire Protective Requirements:		Ref 601/Chap 7	Note: FP adjusted for const. type & sprinklers
	1. Structural Frame	**0**	Ref 601/Chap 7	
	Supporting Roof Only	**0**	Ref 601/Chap 7	
	2. Bearing Walls			
	Exterior	**0**	Ref 601/Chap 7	
	Interior	**0**	Ref 601/Chap 7	
	Supporting Roofs Only	**0**	Ref 601/Chap 7	
	3. Nonbearing Walls/Partitions			
	Exterior <5' Separation	**1**	Ref Table 602	Note: Adjusted for Group and Const Type
	Exterior 5'-9' Separation	**1**	Ref Table 602	
	Exterior 10'-29' Separation	**0**	Ref Table 602	
	Exterior >30' Separation	**0**	Ref Table 602	
	Interior	**1hr between tenants**	Ref Table 602	Ref: 708.4 partitions to underside of ceiling
	4. Floor Construction	**0**	Ref 601/Chap 7	
	5. Roof Construction	**0**	Ref 601/Chap 7	
	6. Corridors	**0 hr if occupant load is >30**	Ref 1016.1	
	7. Stair/Ramp Enclosures	**1 hr, see 1020 for exceptions**	Ref 1020/706	
	8. Elevator Enclosures	**1 hr, see 707 for details**	Ref 707.4	**Elevator 103 not required to be rated.**
	9. Between Tenant Spaces	**1hr, to underside of ceiling only**	Ref 708.4.4	**Covered Mall Occupancy, ref 402.1**

III	CODE REVIEW (cont.)		Reference	Notes
G	Occupant Load			
	1. Design Occupant Load	**3499.48**	Ref 1004.1	
	2. GLA	**2601.00**	Ref 402.4	
	3. OLF	**25.18**	Ref 402.4	
H	Means Of Egress		Ref Chap 10	Ref 1025 for Assembly Occupancies
	1. Minimum Egress Width	**525 inches**	Ref 1005.1	0.15 inches x 3500 occupants
	2. Minimum number of exits	2	Ref 1019.2	Ref 1019.1 for req. exits by room
	- Actual number of exits	**12**		Ref 1018.2 for single exit requirements
	3. Capacity of each Exit			
	- Width of each Exit	**36**		
	- Total Exit Width	**576 inches**		
	4. Maximum travel Distance (ft	**200'**	**Ref 402.4.4**	**Max Travel Distance to Exit or Mall**
	5. Dead End Corridor Limit	**A: 20', B: 50'**	Ref 1017.3	See ref for Group I occupancies
	6. Min. Corridor Width	44"	Ref 1017.2	For Exit Passageway corridor, see H8 below
	7. Interior Corridor Rating	**0 hr if occupant load is >30**	Table 1017.1	
	8. Exit Passageway			
	a. Width	**min 44**	Ref 1021	
	b. Fire Rating	Min 1hr or match adjacent if higher	Ref 1021.3	
	c. Door rating	1/3 hr		
	9. Ramps			
	a. Minimum Width	36" min., not less than corridors.	Ref 1010.5.1	
	b. Maximum Slope	1:12 (8%) for egress, 1:8 (12.5%) other	Ref 1010.2	
	c. Height Between Landings	30"	ref 1010.4	
	10. Doorways:			
	a. Minimum Number	See 1015.1 for requirements for each room	Ref 1015.1	
	b. Door Size	Min 32"	Ref 1008.1.1	
	c. Special Size Rqts.	See 1008.1.1 for exceptions	Ref 1008.1.1	
	11. Horizontal Exit:			
	a. Separation	Ref 705, 706 for separations	Ref 1022.2	
	b. Fire Rating	2 hr	Ref 1022.2	
	c. Area Of Refuge	3 sf per occupant, see references	Ref 1022.4	
	12. Exit Stairways:			
	a. Capacity	See references	Ref 1009/1019	
	b. Width	**min 44**	Ref 1009/1005	Note: Adjusted for max Occupants
	c. Min. Headroom	80"	Ref 1009.2	
	d. Max. Ht. Between Landi	12'	Ref 1009.6	
	e. Max. Riser Height	7"	Ref 1009.3	
	f. Min. tread width	11"	Ref 1009.3	
	g. Door Rating	**1 hr**	Ref 715.4	
	h. Enclosure	**1 hr, see 1020 for exceptions**	Ref 1020/706	
	i. Smokeproof tower	Req'd if flr > 75' above or >30' below exit discharge	Ref 1020.1.7	
	j. Handrails	1.25" - 2" dia. W. 1.5" clearance W. 12" extension	Ref 1012	See also 1607.7
	13. Interior Finishes		Ref Chap 8	
	a. Exits, Vertical & Passag	**B**	Ref 803.5	
	b. Exit Access Corr.	**B**	Ref 803.5	
	c. Rooms & Enclosed	**C**	Ref 803.5	
I	Compartmentalized Areas:	For floors > 60' below exit discharge, see Ref	Ref 405.1	
J	Protection of Vert.Openings	Fire door Ref 715.3	Ref 1020.1.1	
K	Exit Lighting	Min. 1 fc (11lux) along egress, see ref for exceptions	Ref 1006	
L	Extinguishment Requirements	Provide portable extinguishers req'd by IFC-2003	Ref 906	
M	Mech.Conveyance (Vertical)	See references	Ref 3005	

IV	PLUMBING CODE REVIEW				
A	Min. Plumbing Fixture Req'ts:				
	1. Water Closets	Men's WC Required	**9.07**	Women's WC Required	**9.07**
		Men's WC Provided	**22**	Women's WC Provided	**22**
	2. Lavatories	Men's Lavatories Required	**5.32**	Women's Lavatories Required	**5.32**
		Men's Lavatories Provided	**15**	Women's Lavatories Provided	**17**
	3. Baths	Baths Required	**0.00**		
		Baths Provided	**0**		
	4. Drinking Fountains	Drinking Fountains Required	**6.80**		
		Drinking Fountains Provided	**8**		
	5. Sinks	Sinks Required	**1.00**		
		Sinks Provided	**3**		

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 1	5.12.10
	FOUNDATION PERMIT	6.11.10
1,2	NOT CHANGED	
	CONFORMANCE SET	7.12.10
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

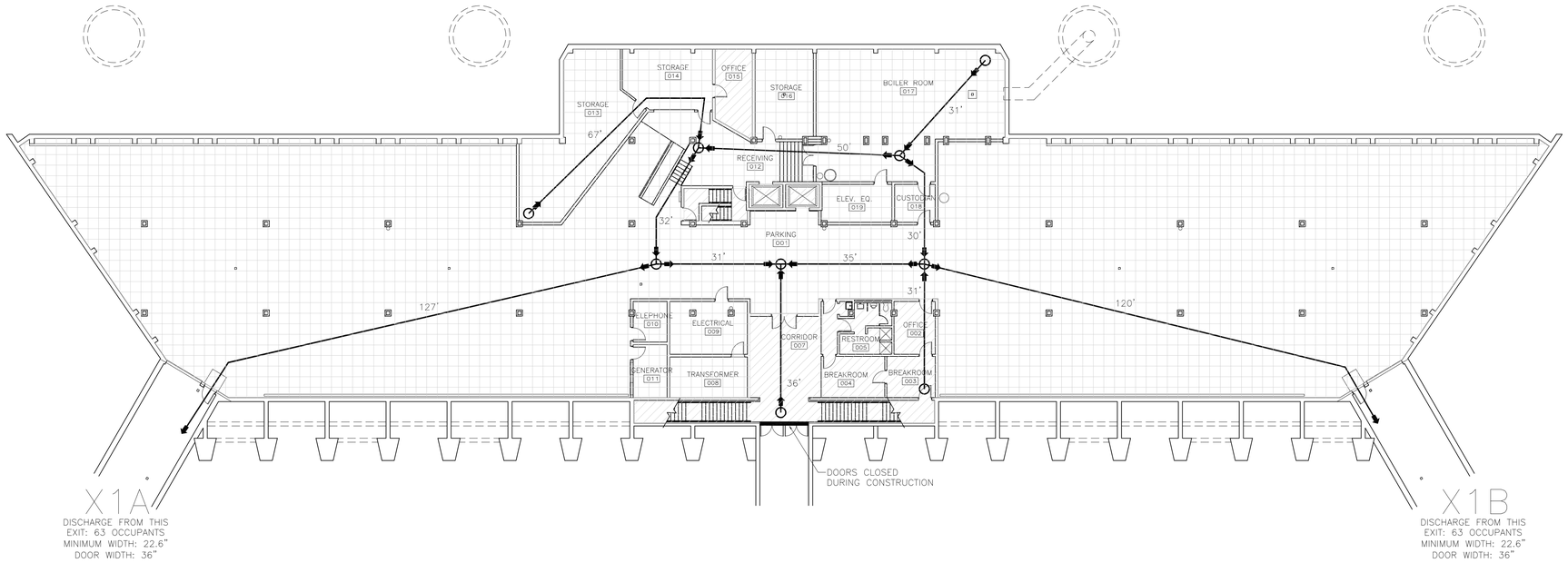
SHEET TITLE

THIRD FLOOR LIFE SAFETY PLAN

SHEET NUMBER

LS103

BID PACKAGE 2A ISSUED FOR BID



1 LIFE SAFETY PLAN
1/16" = 1'-0"

Room No.	Name	Area	Occupant Load
1	PARKING	18067.60 SF	90.34
2	MAINT. OFFICE	145.39 SF	1.45
3	BREAK ROOM	135.11 SF	1.35
4	BREAKROOM	175.65 SF	1.76
5	RESTROOM	165.93 SF	1.66
6	CORRIDOR	61.92 SF	0.62
7	CORRIDOR	867.67 SF	8.68
8	TRANSFORMER	210.67 SF	0.70
9	ELECTRICAL	269.92 SF	0.90
10	TELEPHONE	96.00 SF	0.32
11	GENERATOR	123.00 SF	0.41
12	RECIEVING	972.84 SF	3.24
13	STORAGE	795.22 SF	2.65
14	STORAGE	355.21 SF	1.18
15	JAN.	15.58 SF	0.05
15	OFFICE	209.14 SF	2.09
16	STORAGE	355.00 SF	1.18
17	BOILER ROOM	1441.93 SF	4.81
18	CUSTODIAN	106.78 SF	0.36
19	ELEV. EQ.	179.42 SF	0.60
20	ELEV	115.50 SF	1.15
21	STAIRS	144.90 SF	1.45

FIRE RATING & TRAVEL DISTANCE LEGEND

1 HR Fire Rating	
Start Point of Travel to Exit	O
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	
Panic Hardware	P.H.

OCCUPANCY AREAS LEGEND

S2 Occupancy

B Occupancy

OCCUPANCY CALCULATION
B OCCUPANCY: 20
S2 OCCUPANCY: 106
TOTAL OCCUPANTS: 126

NOTE:
HORIZONTAL ACCESSIBLE EXITS TO EXTERIOR ACCOMMODATE MINIMUM EXIT REQUIREMENTS. ADDITIONAL ACCESSIBLE EXITS TO FIRST FLOOR ALSO AVAILABLE.

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 07-23-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
1,2	NOT CHANGED	
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

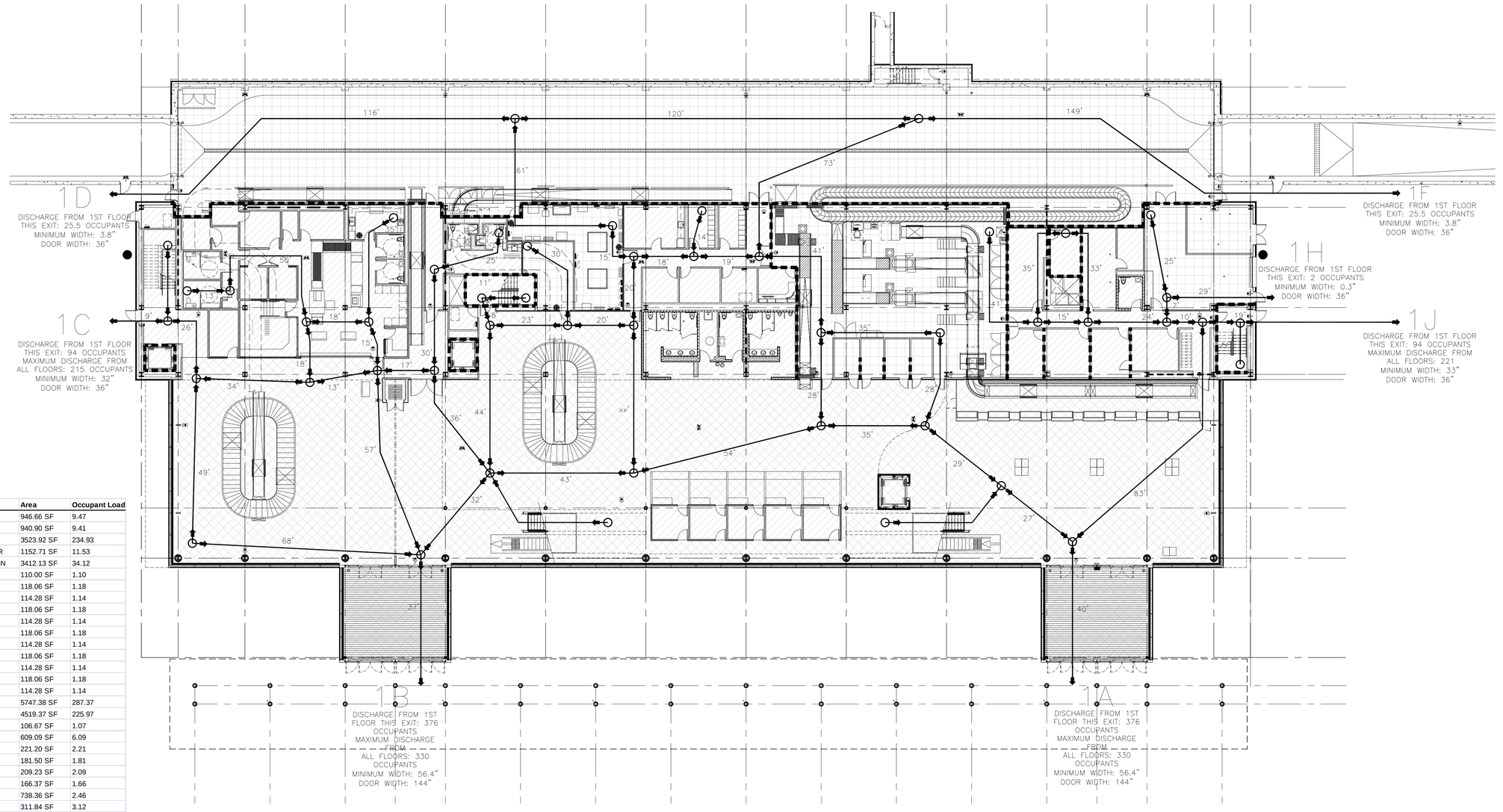
EXISTING BASEMENT LIFE SAFETY PLAN

SHEET NUMBER

LS110

BID PACKAGE 2A ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\LS110 Existing Basement Life Safety.dwg Plotted on: 1/28/2011 10:10 PM Plotted by: Ip, Mark



1 LIFE SAFETY PLAN
1/16" = 1'-0"

Room No.	Name	Area	Occupant Load
100	VESTIBULE	946.66 SF	9.47
101	VESTIBULE	940.90 SF	9.41
102	CHECK-IN LOBBY	3523.92 SF	234.93
103	CHECK-IN COUNTER	1152.71 SF	11.53
104	LOBBY/CIRCULATION	3412.13 SF	34.12
105	ELEV.	110.00 SF	1.10
106	RAC5B	118.06 SF	1.18
107	RAC5A	114.28 SF	1.14
108	RAC4B	118.06 SF	1.18
109	RAC4A	114.28 SF	1.14
110	RAC3B	118.06 SF	1.18
111	RAC3A	114.28 SF	1.14
112	RAC2B	118.06 SF	1.18
113	RAC2A	114.28 SF	1.14
114	RAC1B	118.06 SF	1.18
115	RAC1A	114.28 SF	1.14
116	BAGGAGE CLAIM	5747.38 SF	287.37
117	INTERNATIONAL	4519.37 SF	225.97
118	ELEV.	106.67 SF	1.07
120	CORRIDOR	609.09 SF	6.09
122	OPS	221.20 SF	2.21
123	OFFICE	181.50 SF	1.81
124	OPS	209.23 SF	2.09
125	OFFICE	166.37 SF	1.66
126	LOADING	738.36 SF	2.46
127	OPS	311.84 SF	3.12
128	SPRINKLER	324.06 SF	1.08
129	WOMENS	87.94 SF	0.88
130	MENS	94.82 SF	0.95
131	OPS	318.22 SF	3.18
132	OFFICE	141.51 SF	1.42
133	EDT	3267.13 SF	10.89
134	BAG	45.57 SF	0.15
135	BAG	49.74 SF	0.17
136	MEN	357.68 SF	3.58
137	FAM	131.50 SF	1.31
138	JAN.	98.62 SF	0.99
139	WOMEN	383.82 SF	3.84
140	CORRIDOR	428.22 SF	4.28
141	MAINT.	117.39 SF	0.39
142	BHS STOR	133.39 SF	0.44
143	MACH.	118.28 SF	0.39
144	CBIS CONT.	125.39 SF	1.25
145	W. LCKR	117.94 SF	2.36
146	M. LCKR	116.82 SF	2.34
147	BREAK	126.93 SF	8.46
148	SUB. OFFICE	133.67 SF	1.34
149	ELECTRICAL	681.55 SF	2.27
150	LOST BAG	123.62 SF	0.41
151	COMM	155.87 SF	0.52
153	ELEV. MACH.	91.86 SF	0.31
154	ELEV.	100.02 SF	1.00
155	RECHECK	670.32 SF	6.70
156	BREAK	214.80 SF	14.32
157	MEN	84.03 SF	0.84
158	WOMEN	74.36 SF	0.74
159	X-RAY	977.83 SF	3.26
160	AG. LAB	144.85 SF	1.45
161	INTERV.	83.68 SF	0.84
162	ADIT	134.07 SF	1.34
163	ROVER	284.33 SF	2.84
164	STOR.	49.27 SF	0.16
165	INTERV.	87.86 SF	0.88
166	OFF.	146.81 SF	1.47
167	STOR.	61.21 SF	0.20
168	CORR.	140.36 SF	1.40
169	SEARCH	101.43 SF	1.01
170	HOLD	112.84 SF	1.13
171	HOLD	112.84 SF	1.13
172	DBS	14.95 SF	0.15
173	MEN	75.42 SF	0.75
174	WOM	75.42 SF	0.75
175	ELEV M	100.11 SF	0.33
176	TUG TUNNEL	11702.26 SF	39.01
180	OFFICE	132.23 SF	1.32
181	CASH	64.17 SF	0.64
182	CORR.	109.29 SF	1.09
183	BAG	48.18 SF	0.16
184	BAG	42.45 SF	0.14
190	STAIRS	270.25 SF	2.70
191	STAIRS	193.86 SF	1.94
192	STAIRS	299.01 SF	2.99
193	STAIR	200.73 SF	2.01

FIRE RATING & TRAVEL DISTANCE LEGEND

1 HR Fire Rating	▬ ▬ ▬
Start Point of Travel to Exit	○
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	

OCCUPANCY AREAS LEGEND

S2 Occupancy	
A3 Occupancy	
B Occupancy	

OCCUPANCY CALCULATION

B OCCUPANCY:	103
A3 OCCUPANCY:	878
S2 OCCUPANCY:	13
TOTAL OCCUPANTS:	994

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MKI
DESIGNED BY: MKI

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE

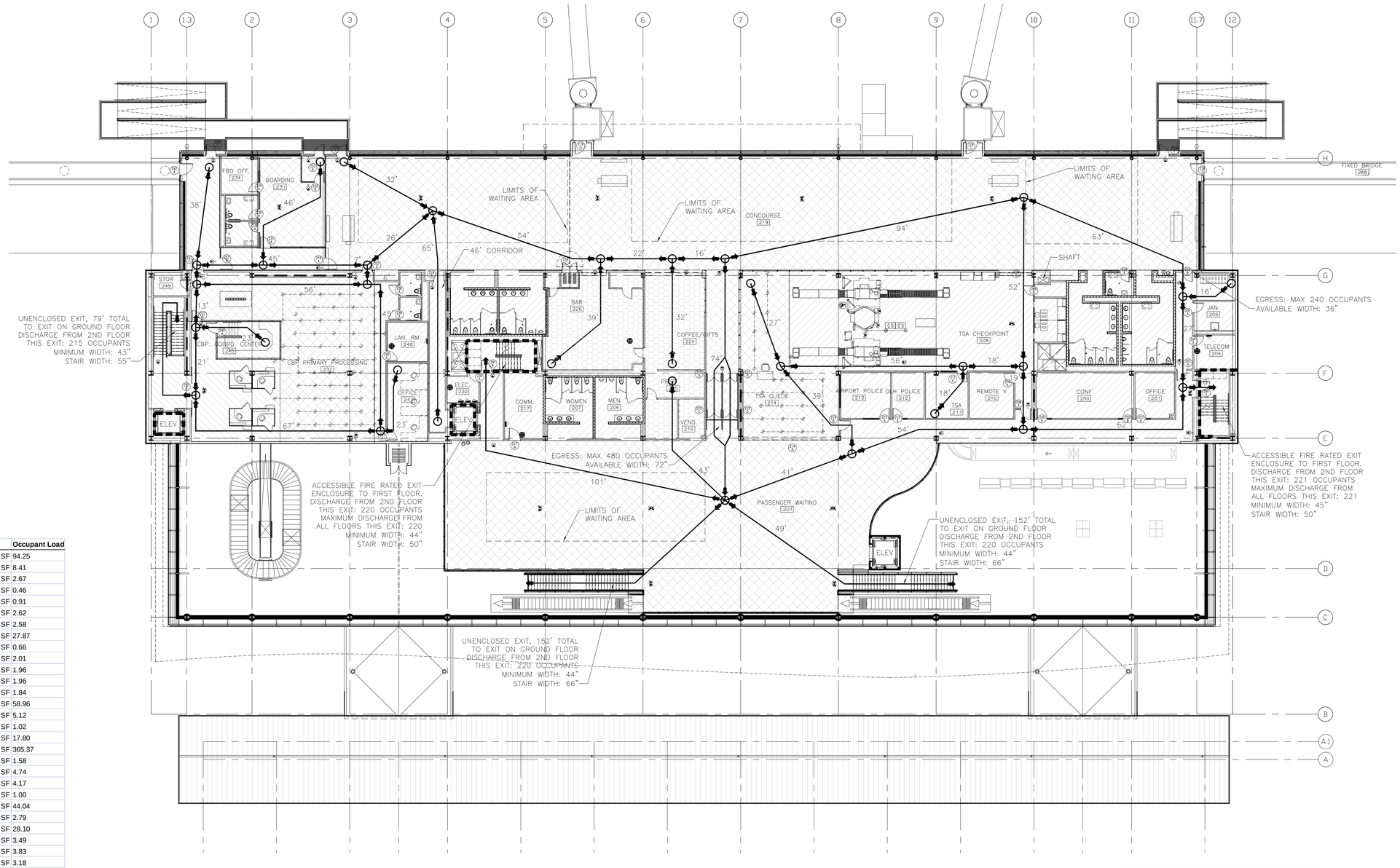
FIRST FLOOR INTERIM LIFE SAFETY PLAN

SHEET NUMBER

LS111

BID PACKAGE 2A
ISSUED FOR BID

Drawing: t:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\LS111 First Floor Interim Life Safety.dwg Plotted on: 1/28/2011 10:11 PM Plotted by: lp, Mark



Room No.	Name	Area	Occupant Load
201	PAX WAITING - WAITING	1413.80 SF	94.25
202	CORRIDOR	841.14 SF	8.41
203	CORR.	267.39 SF	2.67
204	TELECOM	136.94 SF	0.46
205	ELEC.	273.28 SF	0.91
206	MEN	262.31 SF	2.62
207	WOMEN	257.82 SF	2.58
208	TSA CHECKPOINT	2786.82 SF	27.87
209	STOR	65.67 SF	0.66
210	REMOTE V	201.16 SF	2.01
211	TSA	196.31 SF	1.96
212	AIRPORT POLICE	196.31 SF	1.96
213	DLH POLICE	184.19 SF	1.84
214	TSA QUEUE	884.39 SF	58.96
215	DEPLANING	512.44 SF	5.12
216	VEND	101.50 SF	1.02
217	COMM.	266.97 SF	17.80
219	CONCOURSE - WAITING	5480.50 SF	365.37
220	VEND	158.26 SF	1.58
221	MEN	474.15 SF	4.74
222	WOMEN	416.75 SF	4.17
223	FAM.	100.16 SF	1.00
224	SERVERY	660.66 SF	44.04
225	KITCHEN	557.46 SF	2.79
226	BAR	421.45 SF	28.10
227	MEN	348.89 SF	3.49
228	WOMEN	382.55 SF	3.83
229	CORR	317.67 SF	3.18
230	ELEC.	97.18 SF	0.32
231	BOARDING	529.11 SF	35.27
232	VEST.	68.33 SF	0.68
233	CORR.	623.57 SF	6.24
234	FBO OFF.	195.22 SF	1.95
235	WMN	99.01 SF	0.99
236	MEN	99.02 SF	0.99
237	INTERNATIONAL	3233.53 SF	215.57
238	MEN	53.60 SF	0.54
239	WMN	52.45 SF	0.52
240	COMP.	161.76 SF	0.54
241	OFFICE	315.88 SF	3.16
245	ROVER	229.44 SF	2.29
249	STOR	104.25 SF	0.35
250	CONF	395.19 SF	26.35
251	OFFICE	144.56 SF	1.45
252	STOR.	49.33 SF	0.16
253	WHLCHR	34.99 SF	0.12
290	STAIRS	259.86 SF	2.60
291	STAIRS	196.09 SF	1.96
292	STAIRS	314.47 SF	3.14
293	JAN	41.41 SF	0.14
201A	PAX WAITING - CIRCULATION	5222.44 SF	52.22
219A	CONCOURSE - CIRCULATION	4528.81 SF	45.29

N

1 LIFE SAFETY PLAN
1/16" = 1'-0"

FIRE RATING & TRAVEL DISTANCE LEGEND	
1 HR Fire Rating	
Start Point of Travel to Exit	
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	

OCCUPANCY AREAS LEGEND	
B Occupancy	
A2 Occupancy	
A3 Occupancy	

OCCUPANCY CALCULATION	
B OCCUPANCY:	157
A3 OCCUPANCY:	867
A2 OCCUPANCY:	72
TOTAL OCCUPANTS:	1096

RS&H
IMPROVING YOUR WORLD

Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
www.rsandh.com

DULUTH AIRPORT AUTHORITY

DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

Interior Architects:
SJA ARCHITECTS
11 E Superior Street Suite 340, Duluth MN 55802
TEL: (218) 724-8578 / FAX: (218) 724-8717

Structural Engineers:
MBJ CONSULTING ENG.
501 Lake Avenue South, Suite 300, Duluth MN 55802
TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
COSENTINI ASSOCIATES INC.
1 South Wacker Drive, 37th Floor, Chicago IL 60606
TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
BNP ASSOCIATES INC.
101 East Ridge Office Park, Suite 103, Danbury CT 06810
TEL: (203) 792-3000 / FAX: (203) 792-4900

Landscaping Consultants:
APPOLD DESIGN
2432 East First Street, Duluth MN 55812
TEL: (218) 591-5079

ARCHITECTURAL CERTIFICATION
I hereby certify that the architectural plans, specifications or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Architect under the laws of the State of Minnesota.

Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11

DATE ISSUED: 01-24-11
REVIEWED BY: TC
DRAWN BY: MKI
DESIGNED BY: MKI

AEP PROJECT NUMBER
213-1882-091

© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
SECOND FLOOR INTERIM LIFE SAFETY PLAN

SHEET NUMBER
LS112

BID PACKAGE 2A ISSUED FOR BID