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RS&H PROJ. No. - 213.1882.091
CITY OF DULUTH BID No. - 11-4403



NEW PASSENGER TERMINAL
BID PACKAGE 2C - ISSUE FOR BID
VOLUME 2 OF 3
ARCHITECTURAL, SIGNAGE

FEBRUARY 10, 2012

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X121 CROSS SECTIONS STA. 11+00 TO STA. 11+50
X122 CROSS SECTIONS STA. 12+00 TO STA. 12+50
X123 CROSS SECTIONS STA. 13+00 TO STA. 13+50
X124 CROSS SECTIONS STA. 14+00 TO STA. 14+50
X125 CROSS SECTIONS STA. 15+00 TO STA. 15+50
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ET605 CATV & DISPLAY RISERS
ET606 COMMUNICATION RISER

PLUMBING

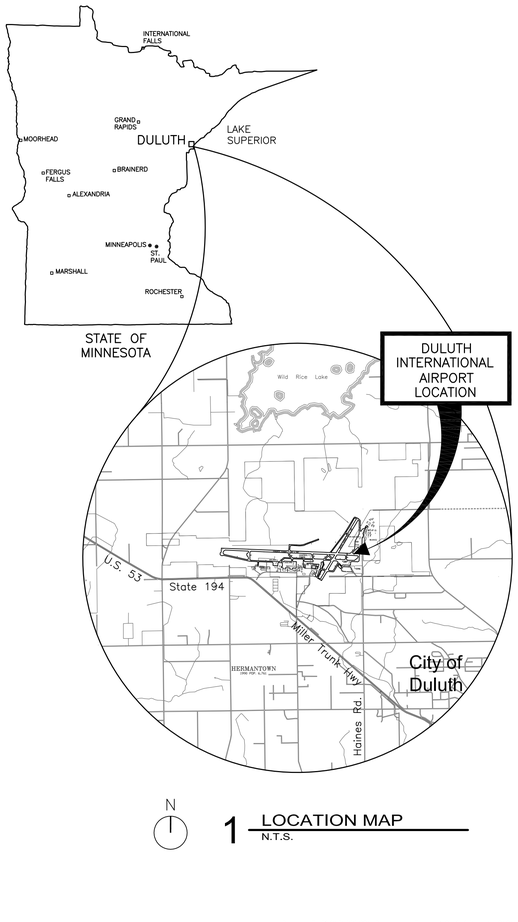
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1 LOCATION MAP
N.T.S.

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

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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 ~~DESCRIPTION~~	~~DATE~~
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

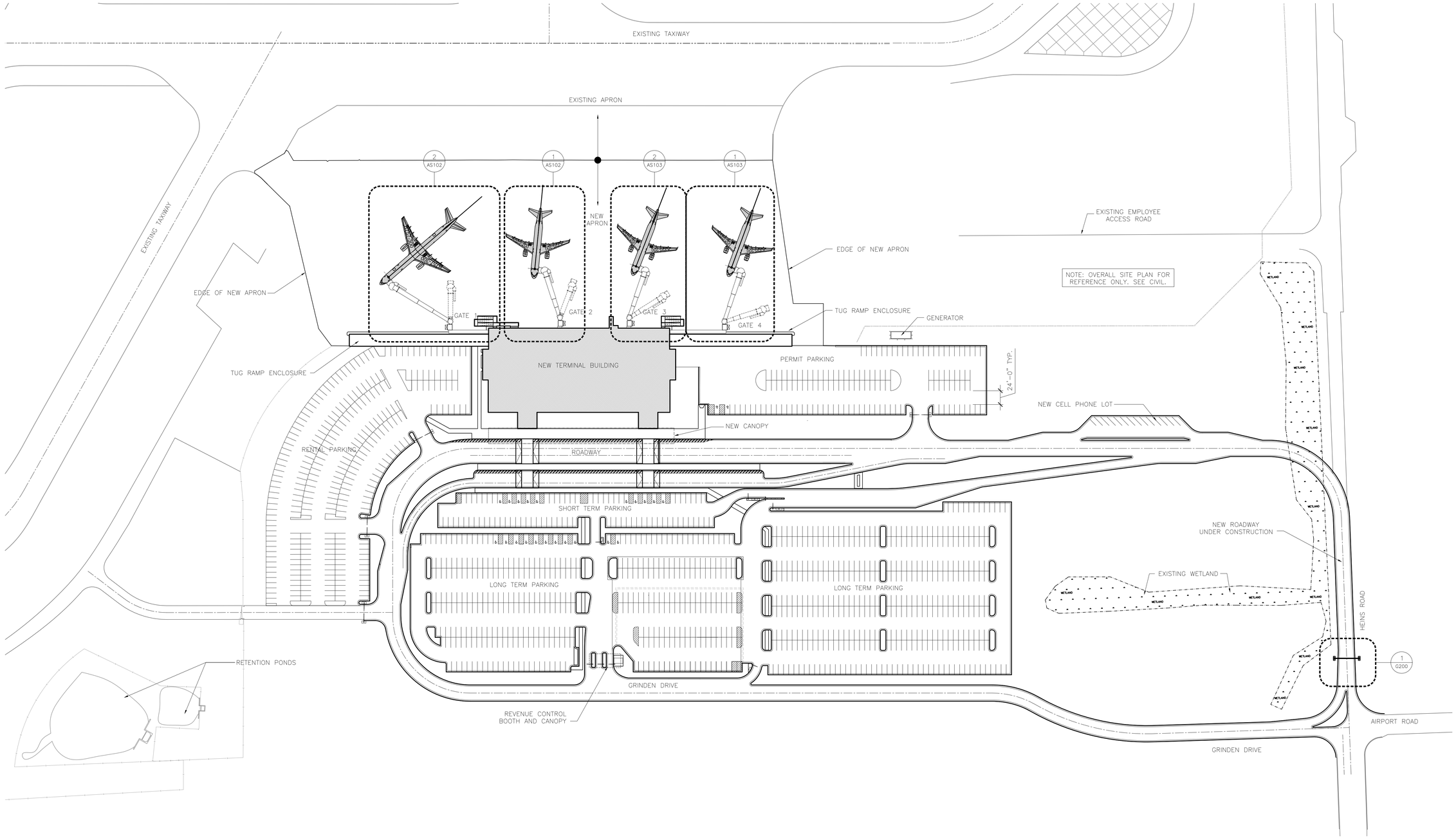
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213-1882-091

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SHEET TITLE
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SHEET NUMBER
G101

BID PACKAGE 2C



N

1 SITE PLAN
1" = 80'-0"

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\AS100 Overall Site Plan.dwg Plotted on: 2/9/2012 8:37 PM Plotted by: lp, Mark

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
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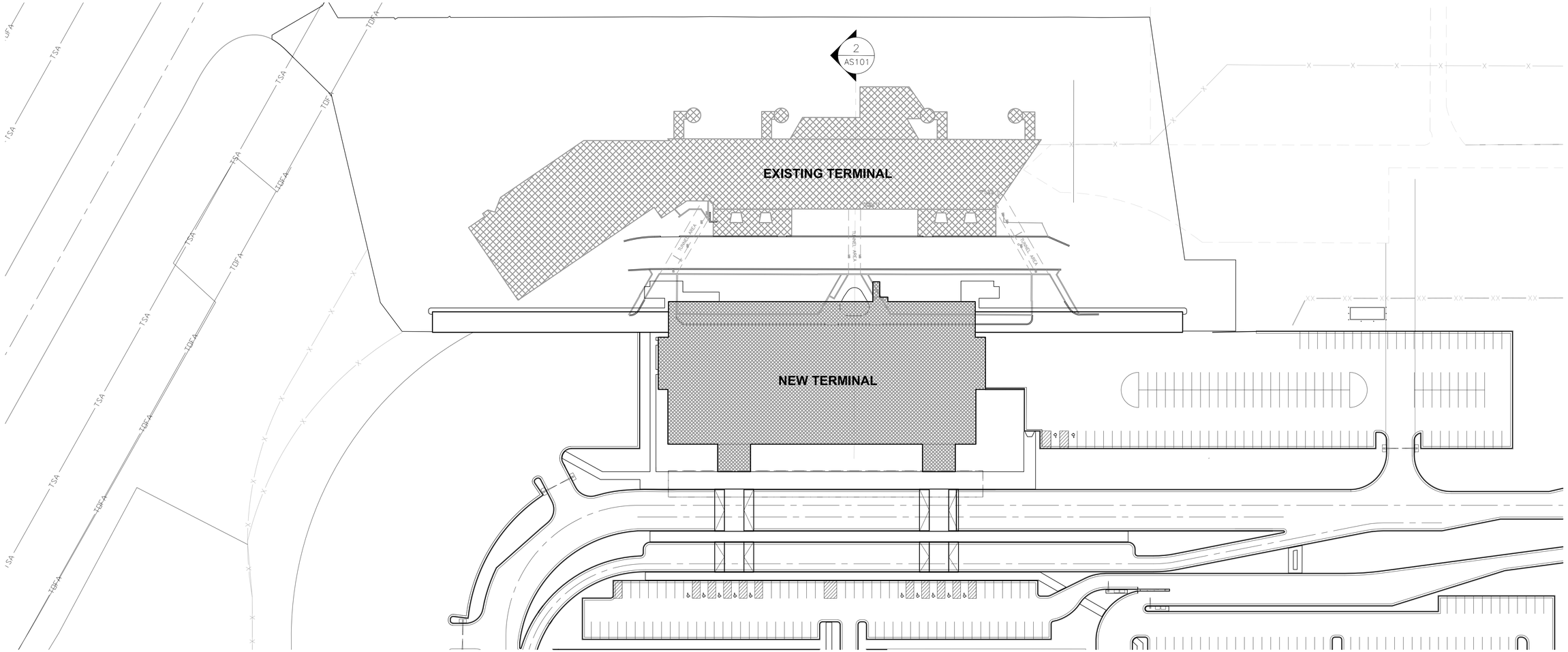
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SHEET TITLE
OVERALL SITE PLAN

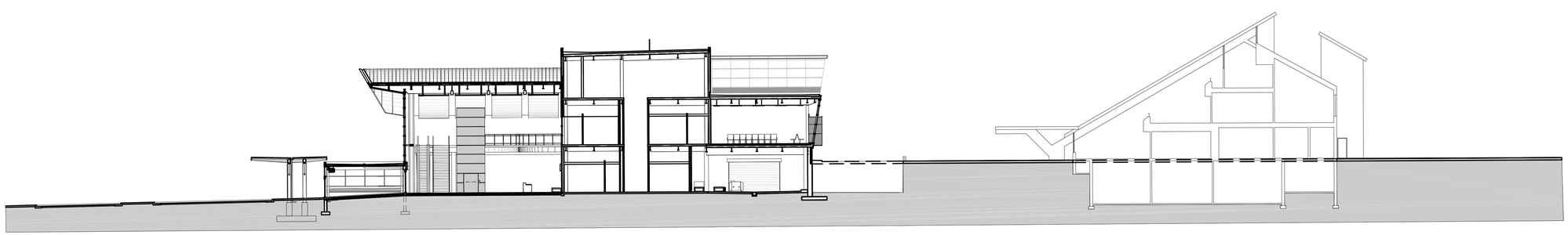
SHEET NUMBER
AS100

BID PACKAGE 2C



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.

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Signature:

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

REVISIONS

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	BID PACKAGE 2B REVIEW	7.6.11
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DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
CONSTRUCTION PHASE SITE INFORMATION

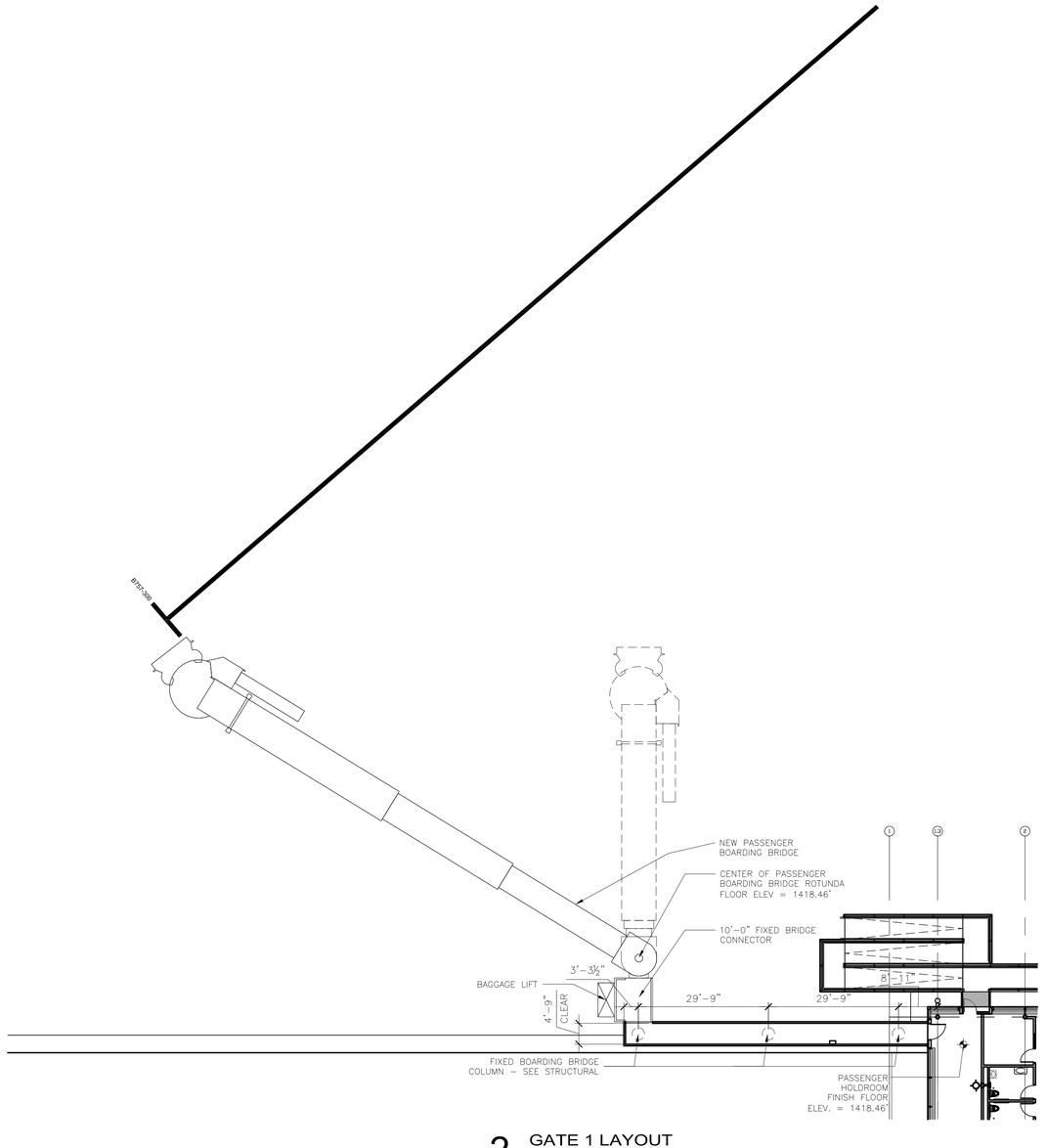
SHEET NUMBER
AS101

BID PACKAGE 2C

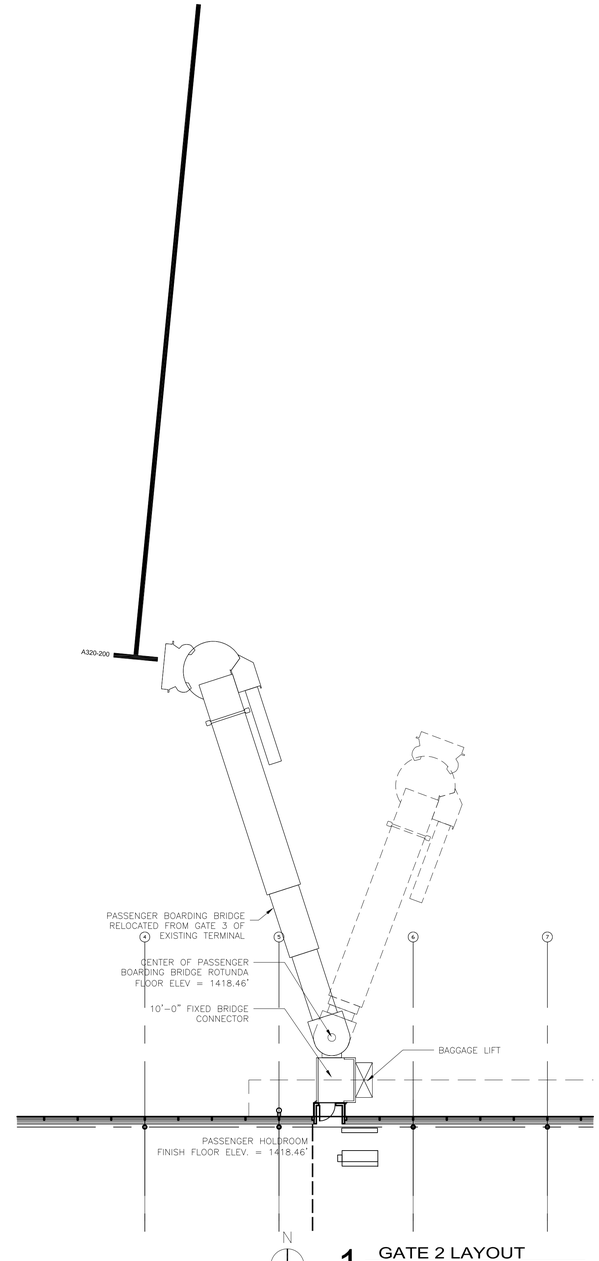
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\AS101 Construction Phase Site Information.dwg Plotted on: 2/9/2012 8:37 PM Plotted by: lp, Mark

AIRCRAFT DESIGN MIX GATE 1
A319
A320–100, 200
A330–200
B717–200
B737–200, 300, 400, 500, 600 700, 800, 900
B757–200, 300
CRJ–200, 900
EMB–175
MD80
MD88
MD90

AIRCRAFT DESIGN MIX GATES 2–4
A319
A320–100, 200
B717–200
B737–200, 300, 400, 500, 600 700, 800, 900
B757–200, 300
CRJ–200, 900
EMB–175
MD80
MD88
MD90



2 GATE 1 LAYOUT
1/16" = 1'-0"



1 GATE 2 LAYOUT
1/16" = 1'-0"

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

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Structural Engineers:
MBJ CONSULTING ENG.
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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 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
PASSENGER BOARDING BRIDGES

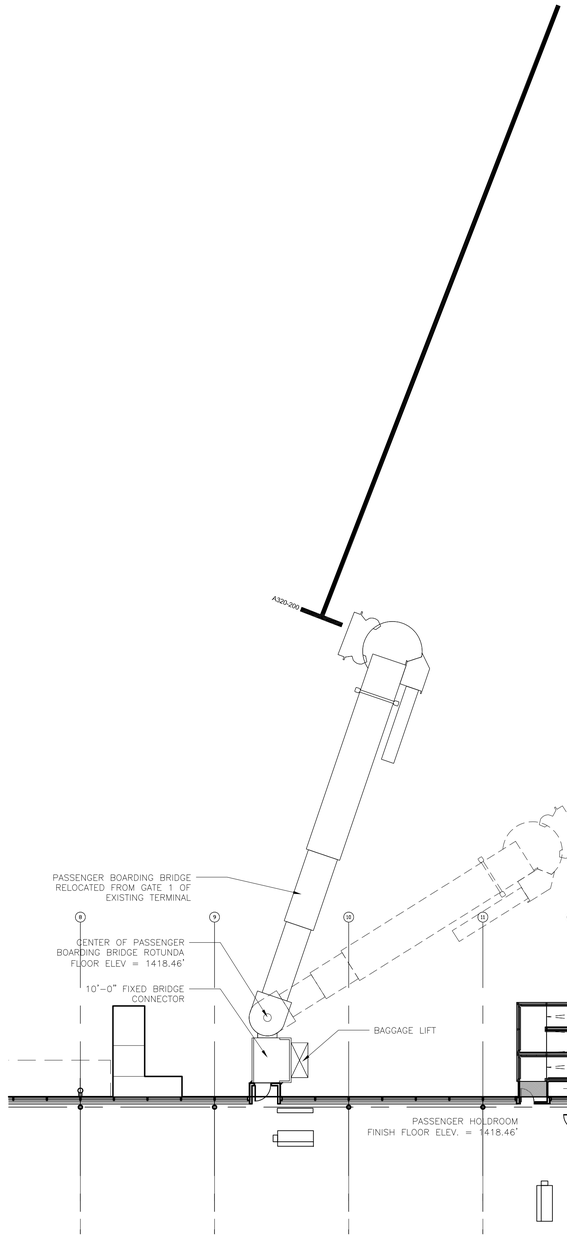
SHEET NUMBER
AS102

BID PACKAGE 2C

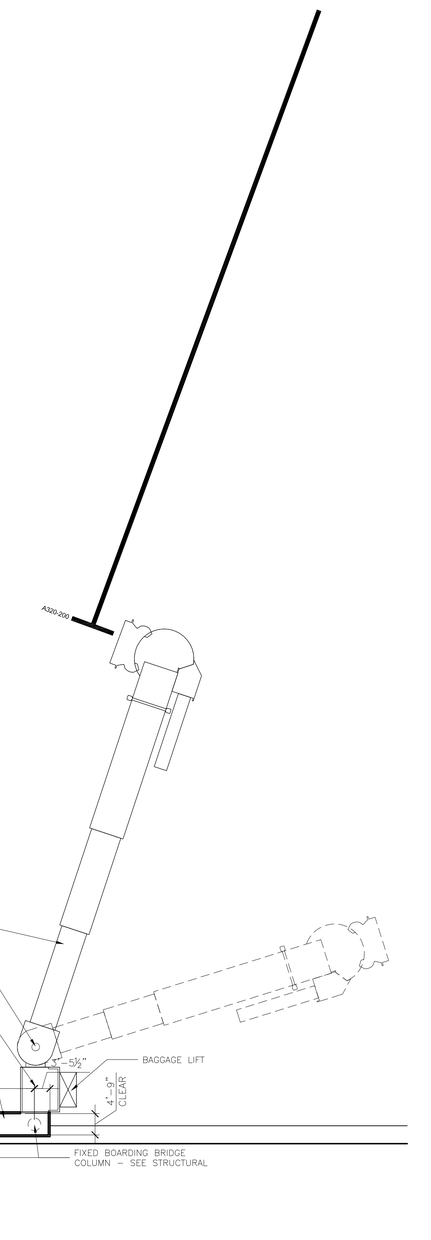
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\AS102 Passenger Boarding Bridges.dwg Plotted on: 2/14/2012 2:47 PM Plotted by: Godzina, Marc

AIRCRAFT DESIGN MIX GATE 1
A319
A320–100, 200
A330–200
B717–200
B737–200, 300, 400, 500, 600 700, 800, 900
B757–200, 300
CRJ–200, 900
EMB–175
MD80
MD88
MD90

AIRCRAFT DESIGN MIX GATES 2–4
A319
A320–100, 200
B717–200
B737–200, 300, 400, 500, 600 700, 800, 900
B757–200, 300
CRJ–200, 900
EMB–175
MD80
MD88
MD90



2 GATE 3 LAYOUT
1/16" = 1'-0"



N

1 GATE 4 LAYOUT
1/16" = 1'-0"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
PASSENGER BOARDING BRIDGES

SHEET NUMBER
AS103

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\AS103 Passenger Boarding Bridges.dwg Plotted on: 2/14/2012 2:47 PM Plotted by: Godzina, Marc

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
CG-F	CORNER GUARD-FULL HEIGHT
CG-P	CORNER GUARD-PARTIAL HEIGHT
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)).

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
4	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
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SHEET TITLE

ABBREVIATIONS AND GENERAL NOTES

SHEET NUMBER

A001

BID PACKAGE 2C

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

MATERIALS LEGEND

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

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 (4, 2, 3)
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.

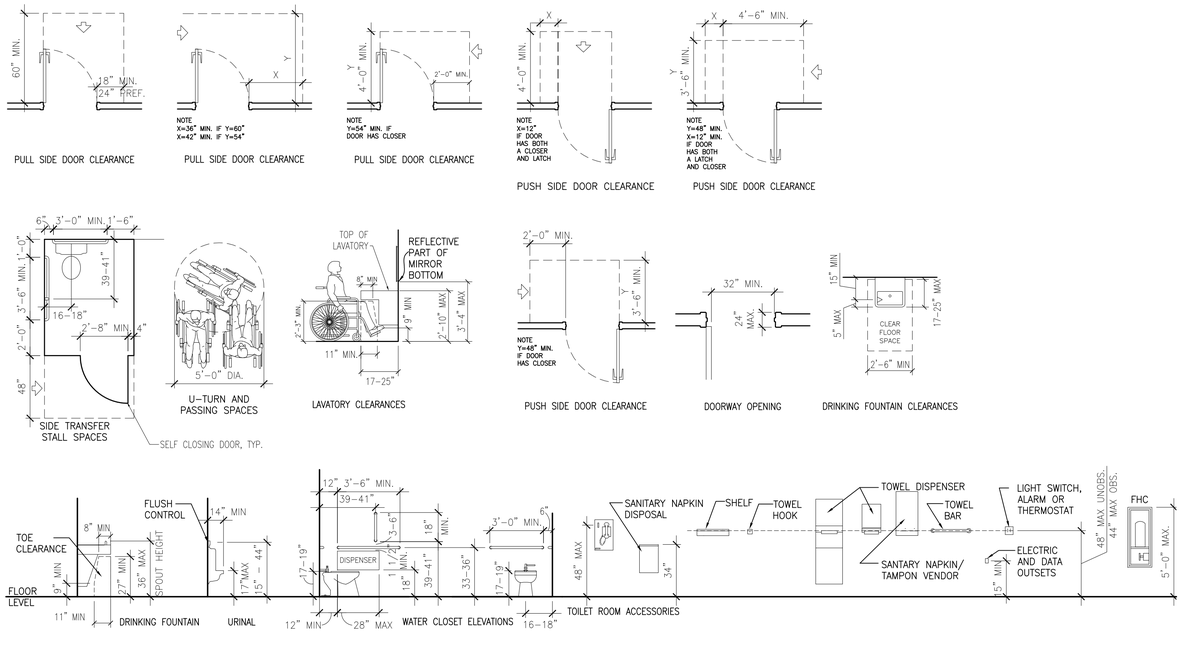
8. SIGNAGE SHALL BE PROVIDED IN ACCORDANCE WITH 2007 MINNESOTA ACCESSIBILITY CODE, MSBC SECTION 1110, AND SHALL COMPLY WITH SECTION 1341.0703

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



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Landscaping Consultants:
APPOLD DESIGN
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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
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

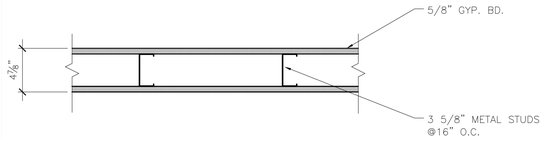
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SHEET TITLE
SYMBOLS AND ACCESSIBILITY CLEARANCES

SHEET NUMBER
A002

BID PACKAGE 2C

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

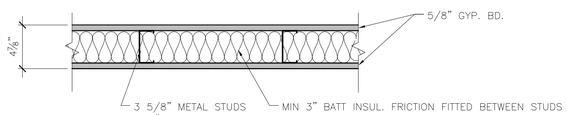
1F SIMILAR WITH 8" METAL FRAMING AND GYP. BD. AND SOUND ATTENUATING BATT. INSUL.

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

1H SIMILAR TO UNDERSIDE OF STRUCTURE

1J SIMILAR WITH EXPANDED METAL MESH FROM 6" ABOVE CEILING TO UNDERSIDE OF DECK

1



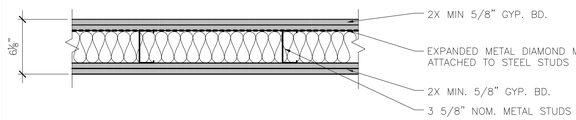
2 TYPICAL AT 1 HR FIRE RATED PARTITIONS TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U404

2A SIMILAR WITH 8" FRAMING

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

2C SIMILAR WITHOUT FIRE RATING OR UL JOINT SYSTEM AND WITH MINIMUM STC RATING OF 45

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

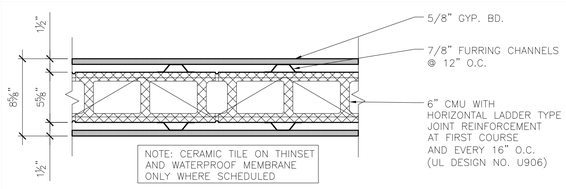
3C SIMILAR WITHOUT DIAMOND MESH AND WITH GYP. BD. ONE SIDE ONLY

3D SIMILAR WITHOUT 6" METAL STUD

3E SIMILAR WITHOUT 6" METAL STUD AND EXPANDED METAL BOTH SIDES

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

3



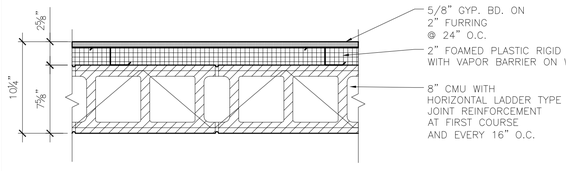
4 TYPICAL AT TOILET ROOMS TO 6" ABOVE CEILING UNLESS OTHERWISE NOTED.

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

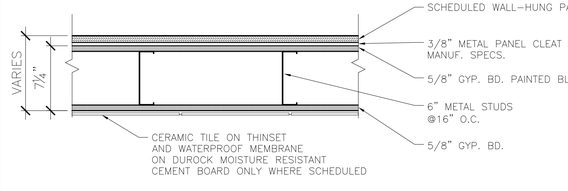
4C SIMILAR WITH 8" CMU AND FURRING AND GYP. BD. ON ONE SIDE ONLY TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U907 MIN 1HR

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

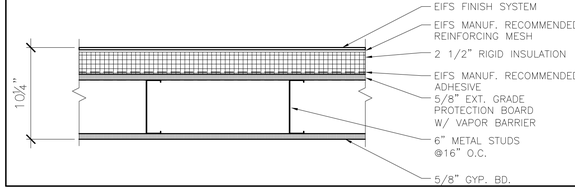
6B SIMILAR WITH 8" COLD FORMED METAL FRAMING INSTEAD OF 6"

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

6D SIMILAR WITH 4" METAL FRAMING INSTEAD OF 6" AND GYP. BD ON PANEL SIDE ONLY TO 6" ABOVE HIGHEST CEILING OR UNDERSIDE OF DECK WHERE OPEN TO STRUCTURE.

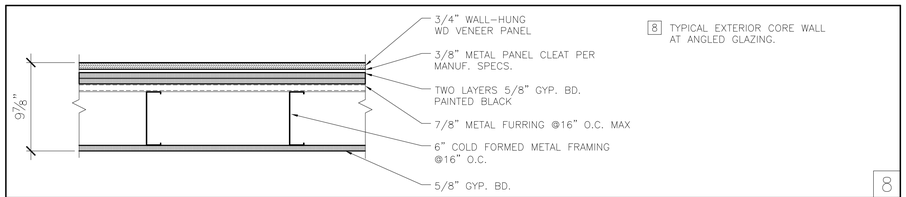
6E SIMILAR WITH 4" METAL FRAMING INSTEAD OF 6" AND GYP. BD ON PANEL SIDE ONLY TO 6" ABOVE HIGHEST CEILING OR UNDERSIDE OF DECK WHERE OPEN TO STRUCTURE.

6



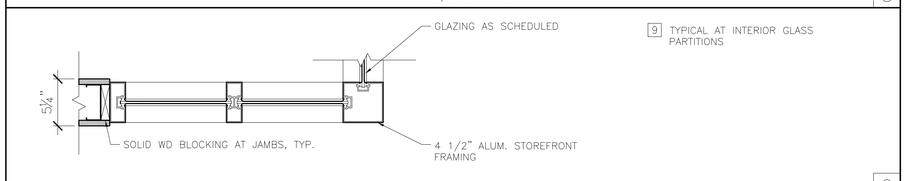
7 BUILDING ENCLOSURE AT CHILLER WELL

7



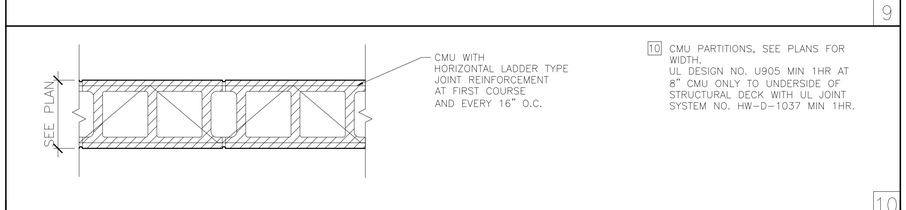
8 TYPICAL EXTERIOR CORE WALL AT ANGLED GLAZING.

8



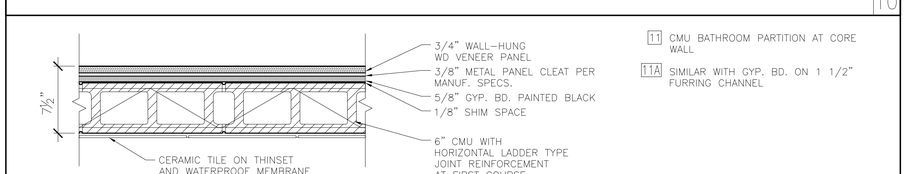
9 TYPICAL AT INTERIOR GLASS PARTITIONS

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

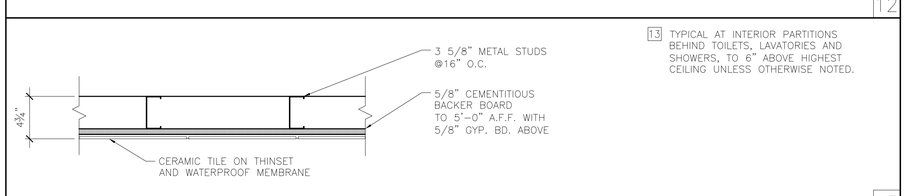


12 TYPICAL AT 1 HR FIRE RATED SHAFT WALLS PARTITIONS TO UNDERSIDE OF STRUCTURAL DECK WITH UL JOINT SYSTEM NO. HW-D-0001. UL DESIGN NO. U415

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

12B SIMILAR WITH ADDITIONAL 5/8" GYP. BD. OVER EXPOSED FLANGES.

12



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

13

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

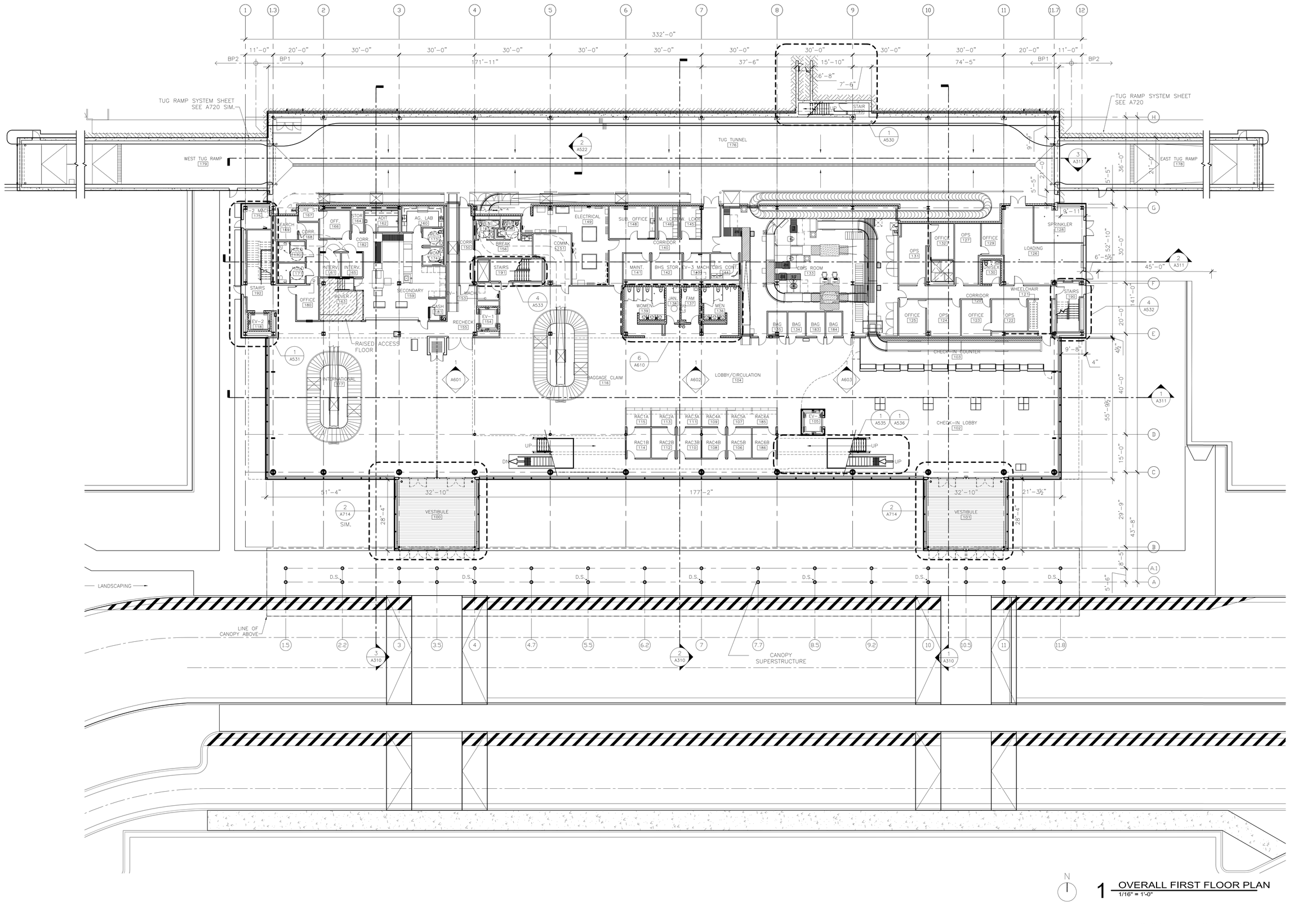
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SHEET TITLE
PARTITION TYPES

SHEET NUMBER
A003

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A003 Partition Types.dwg Plotted on: 2/9/2012 8:39 PM Plotted by: ip, Mark



N

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

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REVISIONS

NO.	DESCRIPTION	DATE
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
2	BP2A ADDENDUM 2	2.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

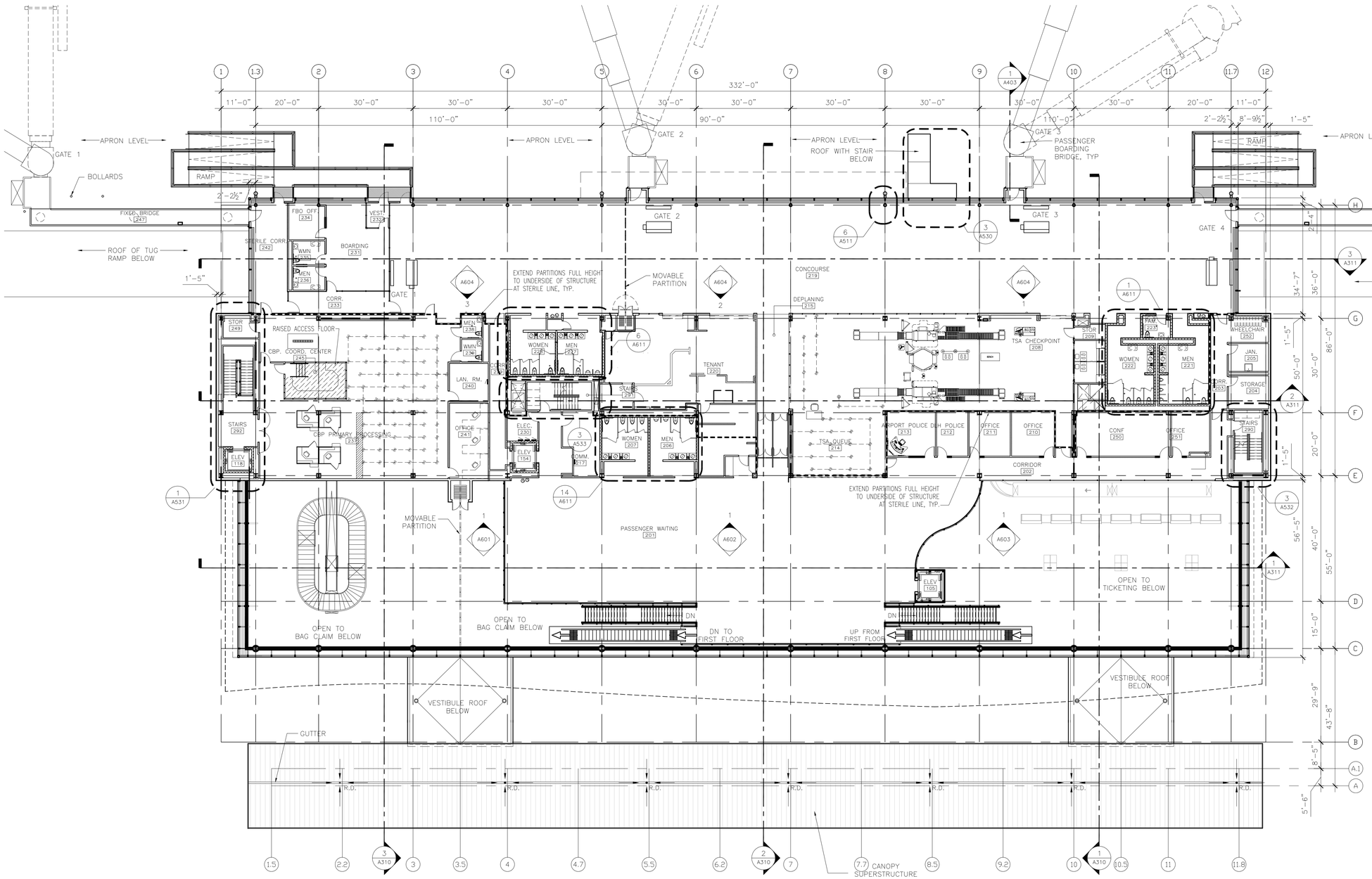
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SHEET TITLE
OVERALL FIRST FLOOR PLAN

SHEET NUMBER
A101

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A101 Overall First Floor Plan.dwg Plotted on: 2/9/2012 8:40 PM Plotted by: lp, Mark



N

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

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
3	FDN PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
4	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
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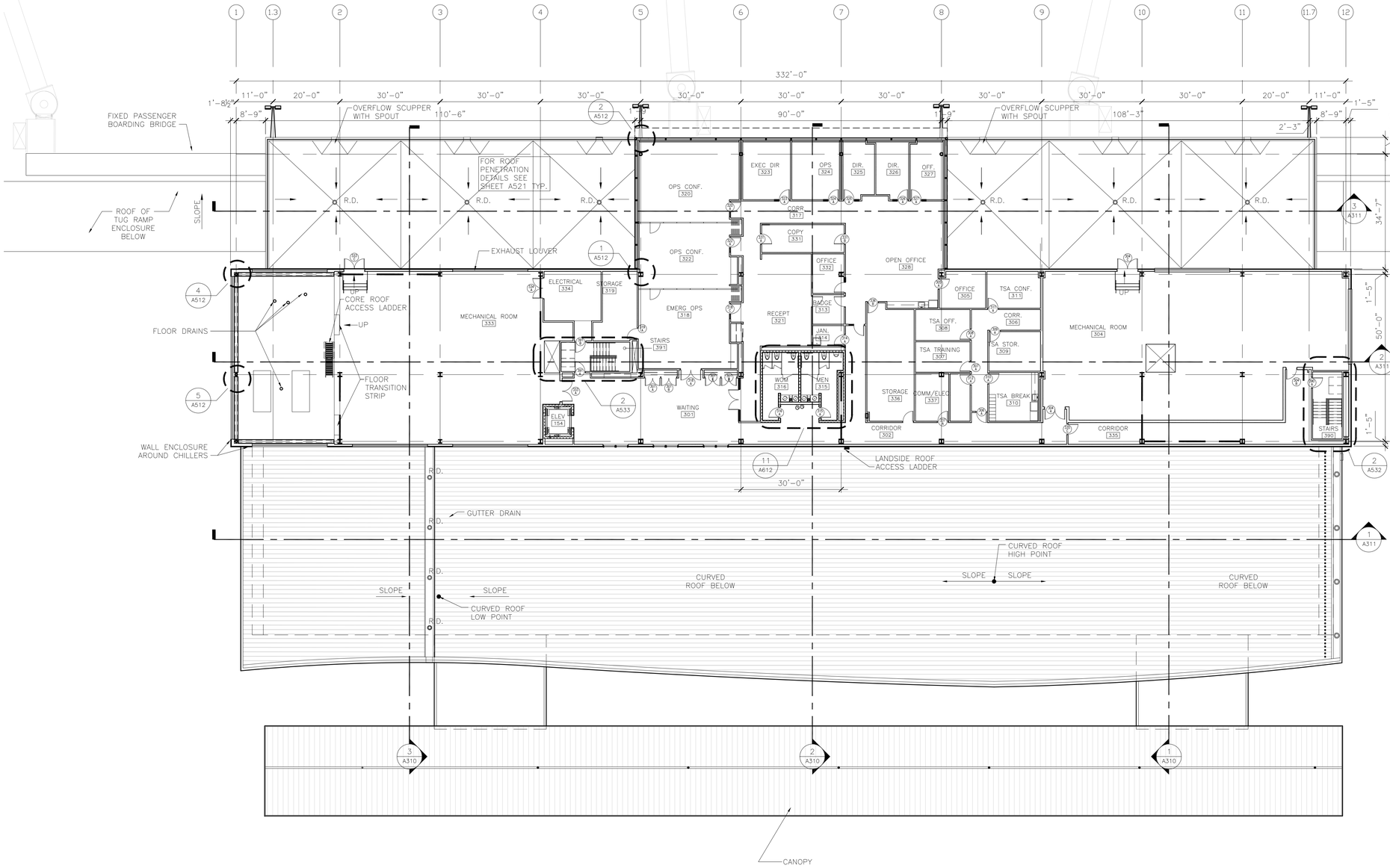
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
OVERALL SECOND FLOOR PLAN

SHEET NUMBER
A102

BID PACKAGE 2C



N

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

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11

DATE ISSUED: 02-10-12
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

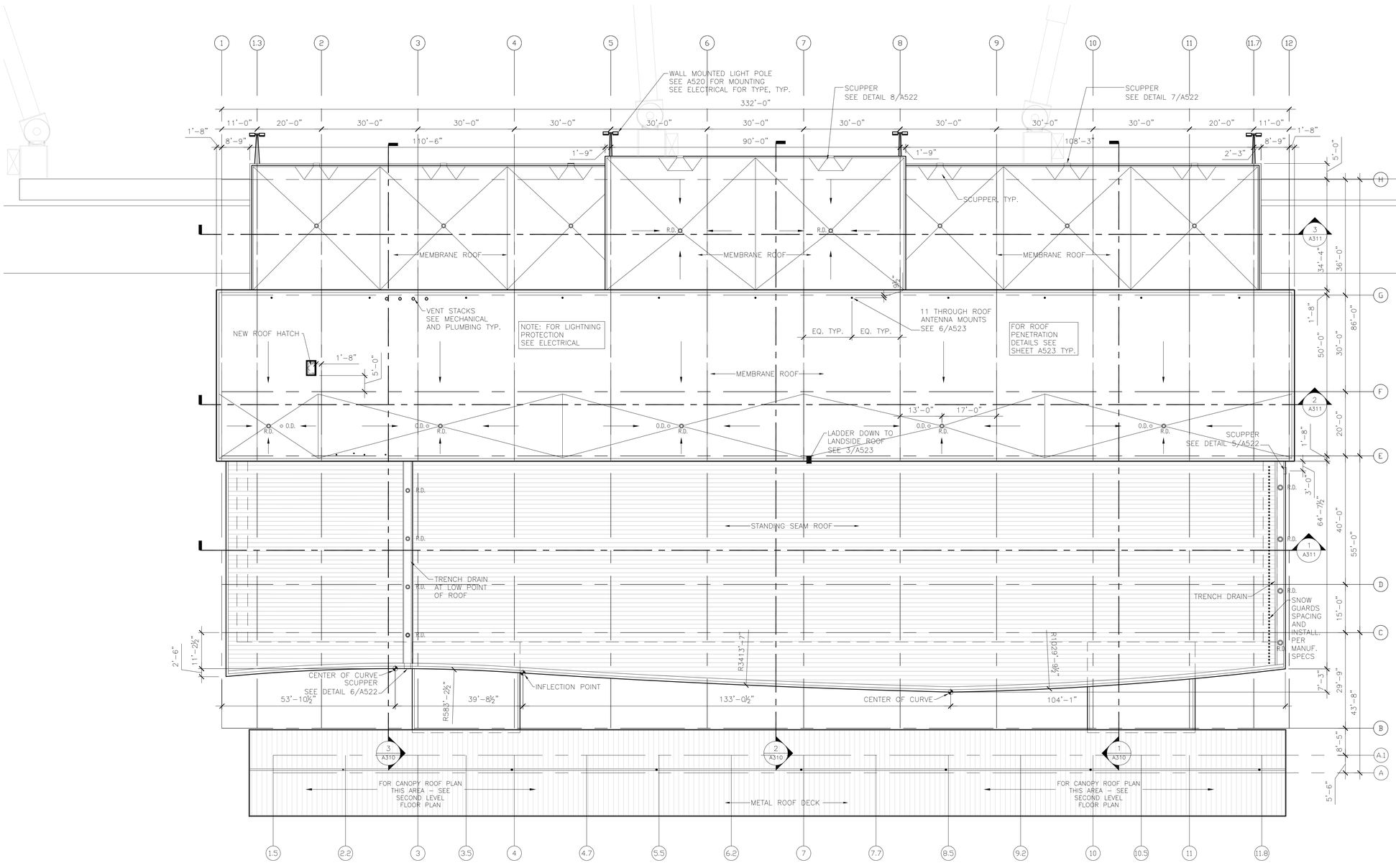
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SHEET TITLE
OVERALL THIRD FLOOR PLAN

SHEET NUMBER
A103

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A103 Overall Third Floor Plan.dwg Plotted on: 2/9/2012 8:41 PM Plotted by: ip, Mark



N

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

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REVISIONS

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	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
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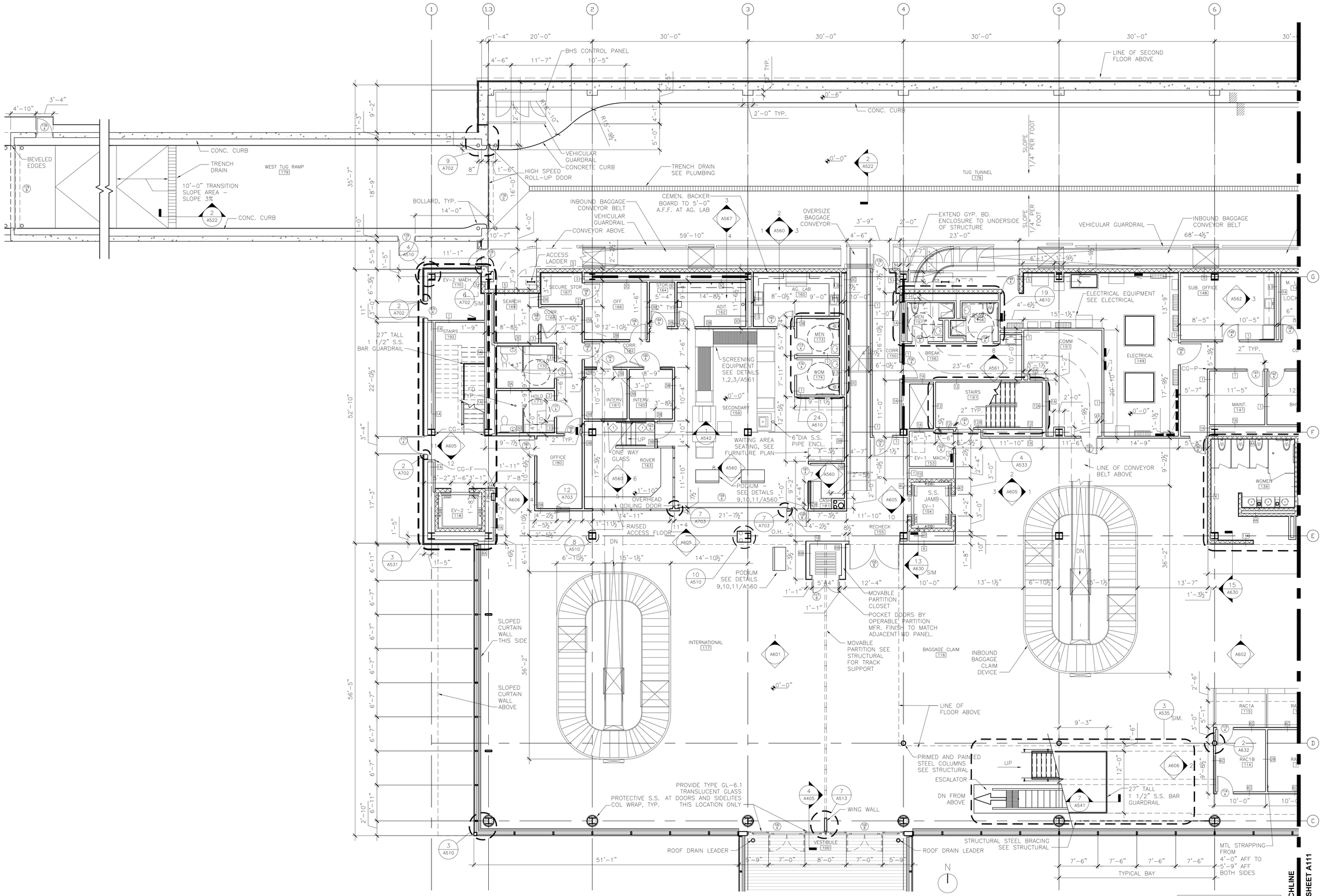
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
OVERALL ROOF PLAN

SHEET NUMBER
A104

BID PACKAGE 2C



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

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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:
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TEL: (312) 201-7408 / FAX: (312) 201-0031

Baggage Handling Systems Consultants:
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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
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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
5	BP2A ADDENDUM 2	2.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
6	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

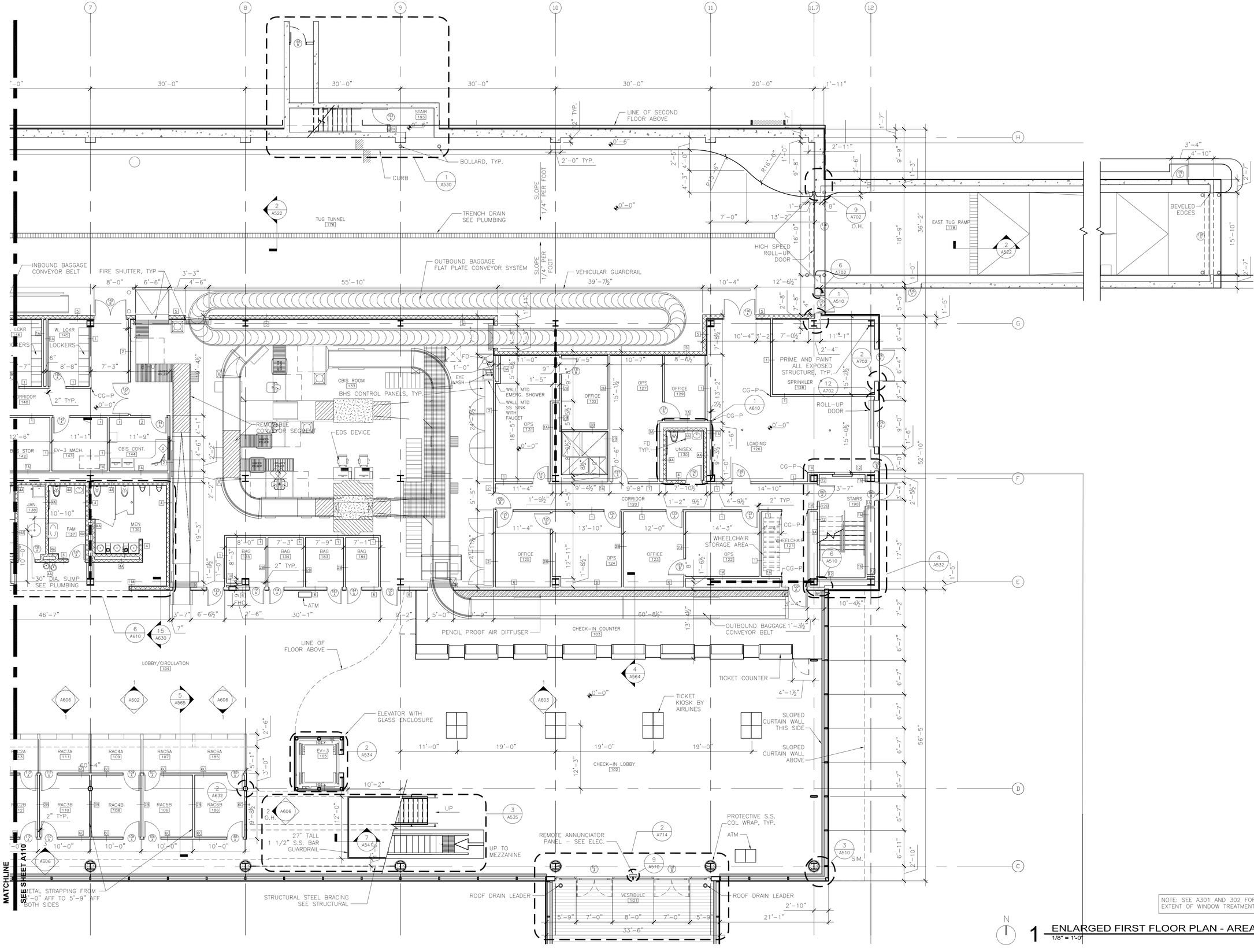
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
ENLARGED FIRST FLOOR PLAN AREA A

SHEET NUMBER
A110

BID PACKAGE 2C



N

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

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REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
5	BP2A ADDENDUM 2	2.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
6	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

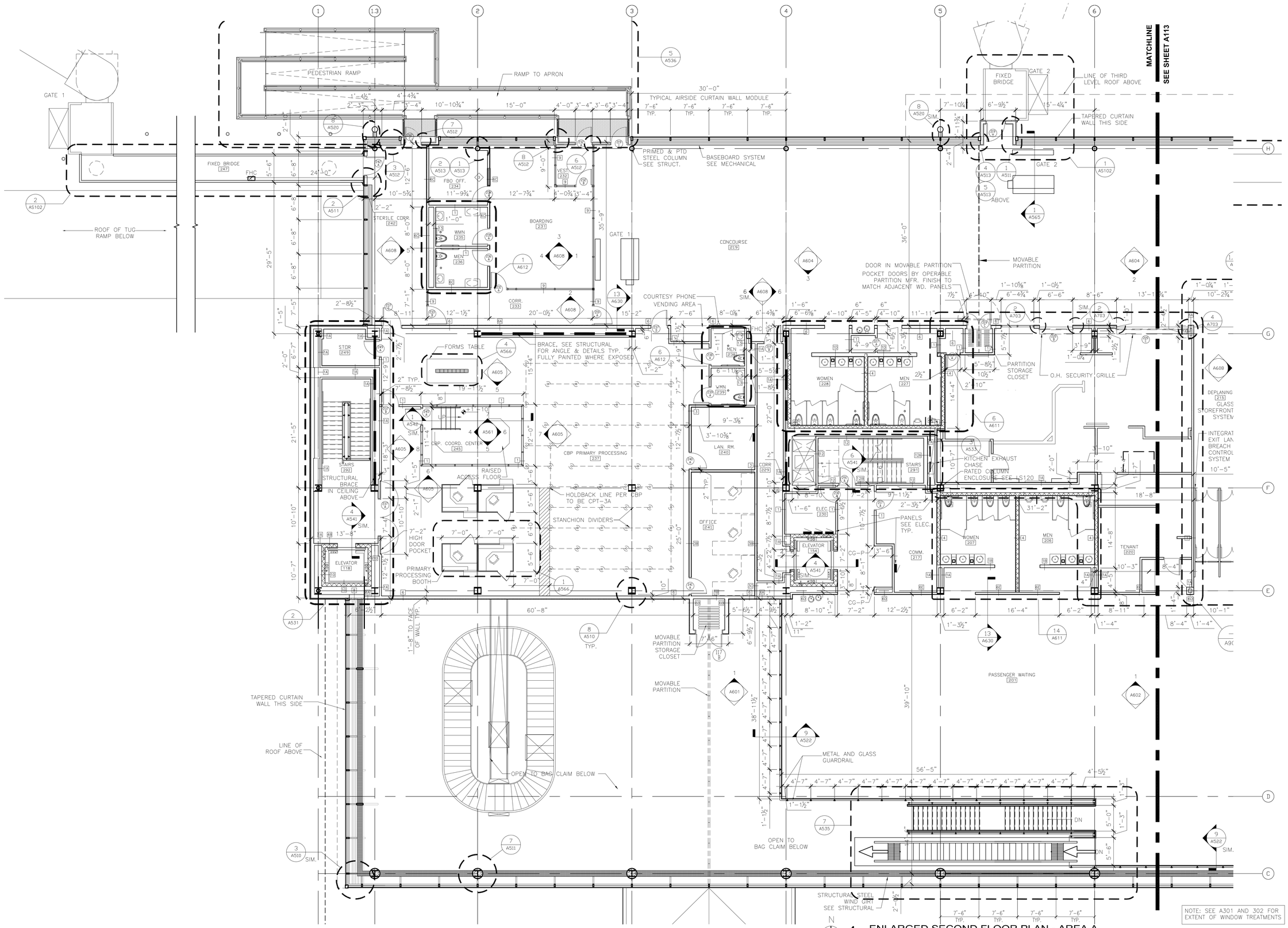
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
ENLARGED FIRST FLOOR PLAN AREA B

SHEET NUMBER
A111

BID PACKAGE 2C



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

Drawing: T:\P\2131882.091 Duluth New Termina\Cad\A\Sheets\A112 Second Floor Area A.dwg Plotted on: 2/9/2012 8:43 PM

Plotted by: lp, Mark

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REVISIONS

NO.	DESCRIPTION	DATE
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
6	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

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REVIEWED BY: TC
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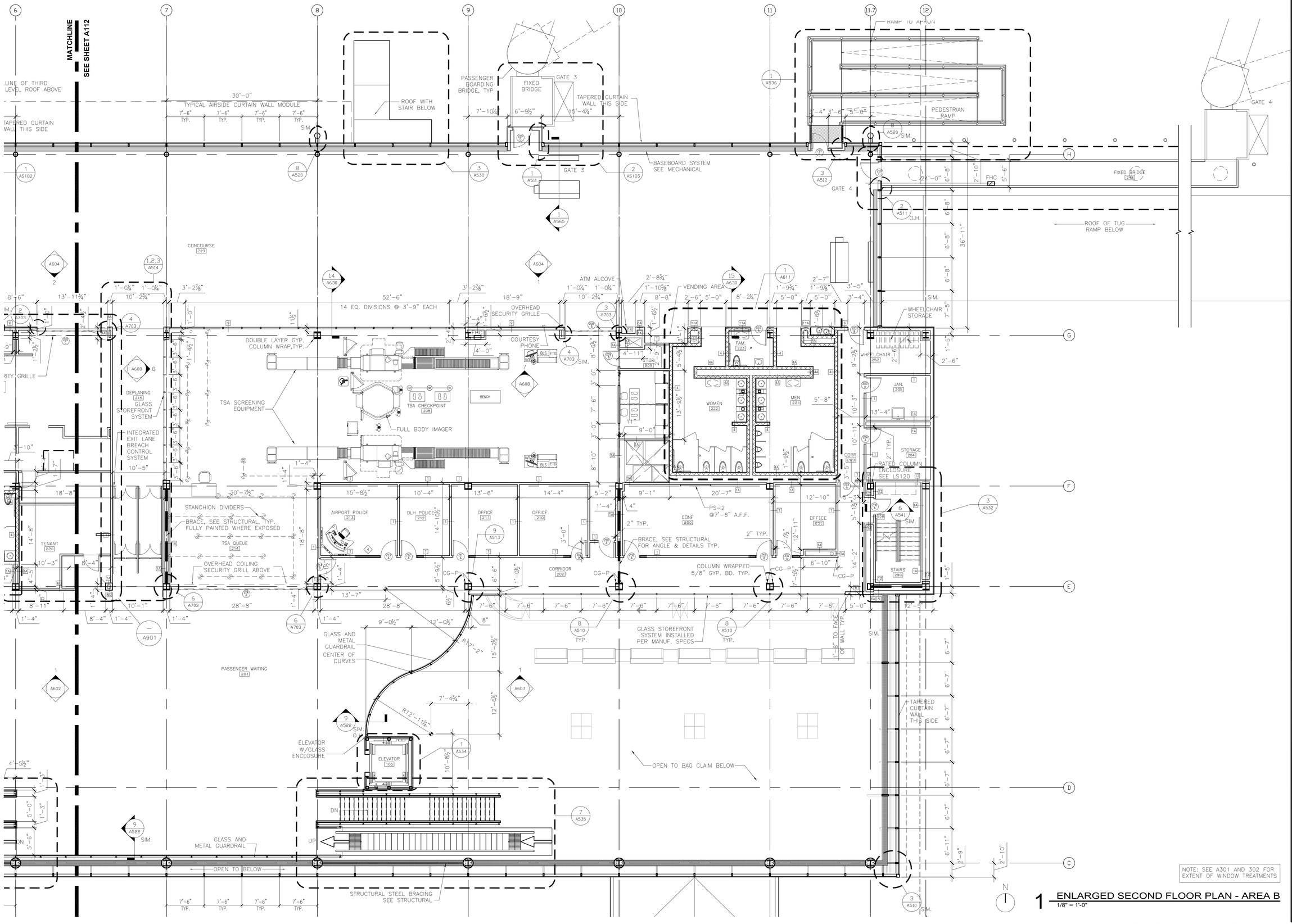
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
ENLARGED SECOND FLOOR PLAN AREA A

SHEET NUMBER
A112

BID PACKAGE 2C



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

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
5	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	9.23.11
6	BP2B ADDENDUM 1	9.2.11
7	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

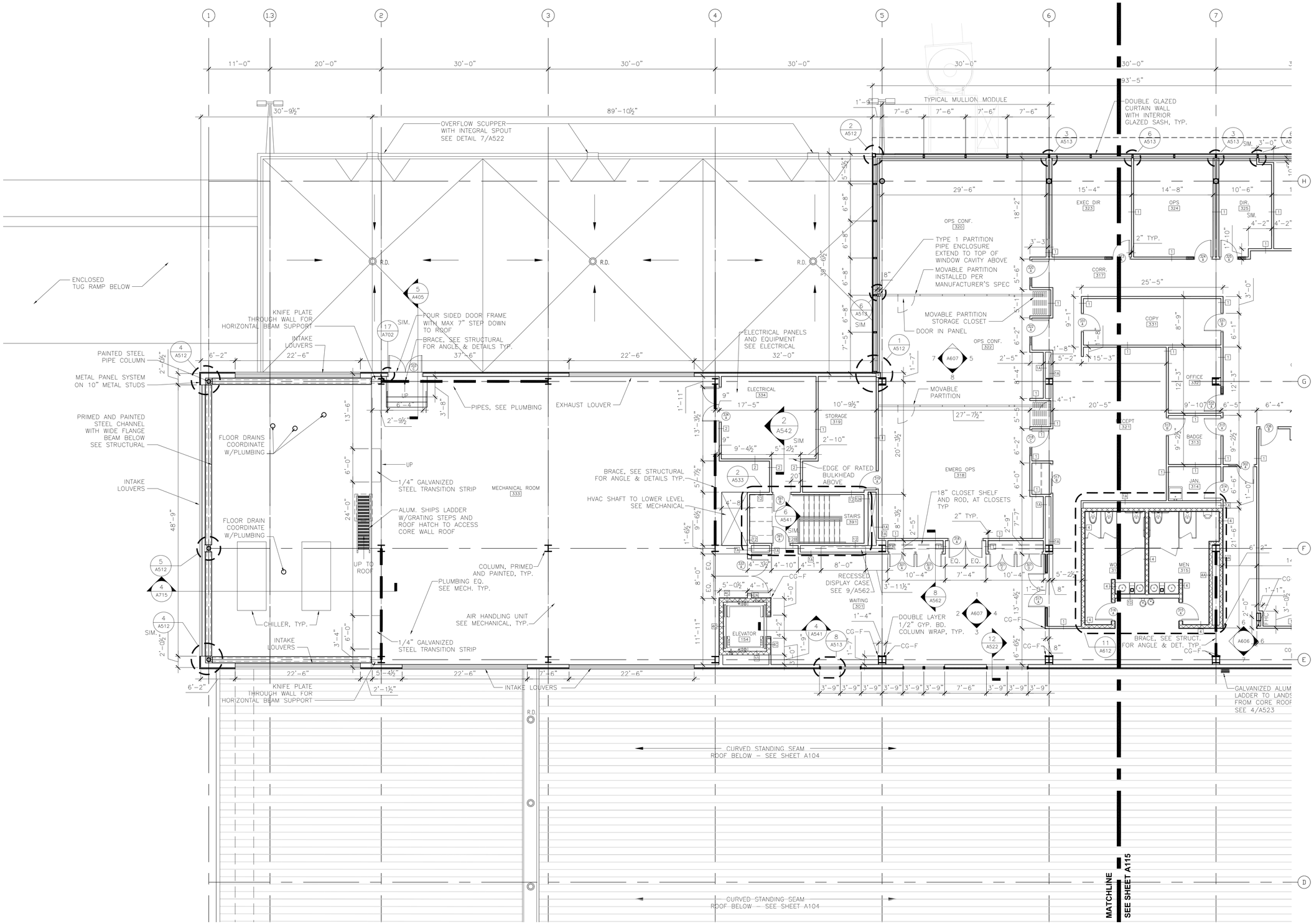
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SHEET TITLE
ENLARGED SECOND FLOOR PLAN AREA B

SHEET NUMBER
A113

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A113 Second Floor Area B.dwg Plotted on: 2/9/2012 8:44 PM Plotted by: Ip, Mark



N

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

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
5	CLARIFICATION-011	11.16.10
6	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
7	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
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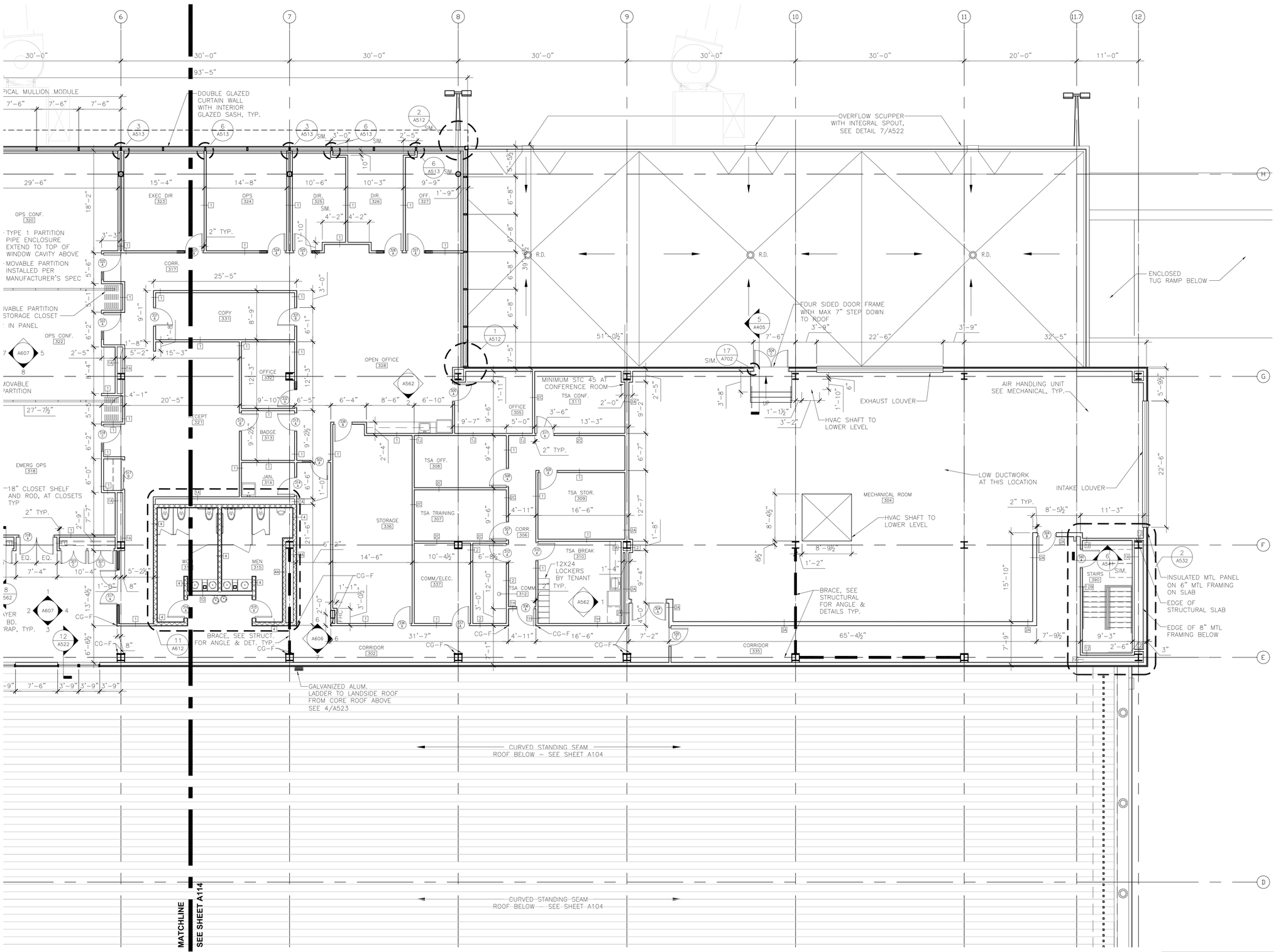
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
ENLARGED THIRD FLOOR PLAN AREA A

SHEET NUMBER
A114

BID PACKAGE 2C



NOTE: SEE A301 AND 302 FOR EXTENT OF WINDOW TREATMENTS

N

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

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NEW PASSENGER TERMINAL

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REVISIONS

NO.	DESCRIPTION	DATE
5	CLARIFICATION-010	11.16.10
6	BUILDING PERMIT REVISIONS	11.24.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
7	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
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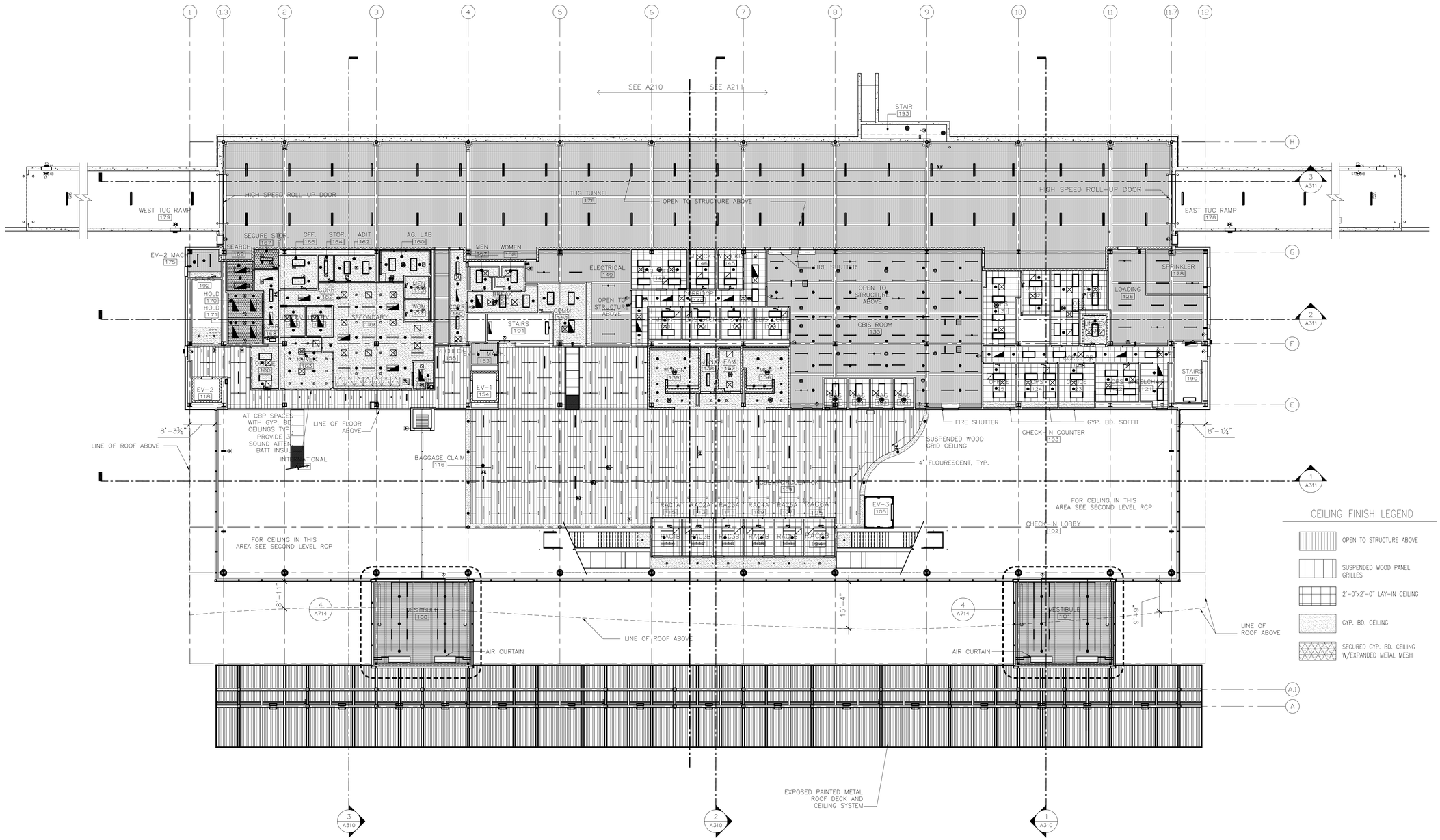
SHEET TITLE

ENLARGED THIRD FLOOR PLAN AREA B

SHEET NUMBER

A115

BID PACKAGE 2C



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"

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REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11

DATE ISSUED: 02-10-12
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

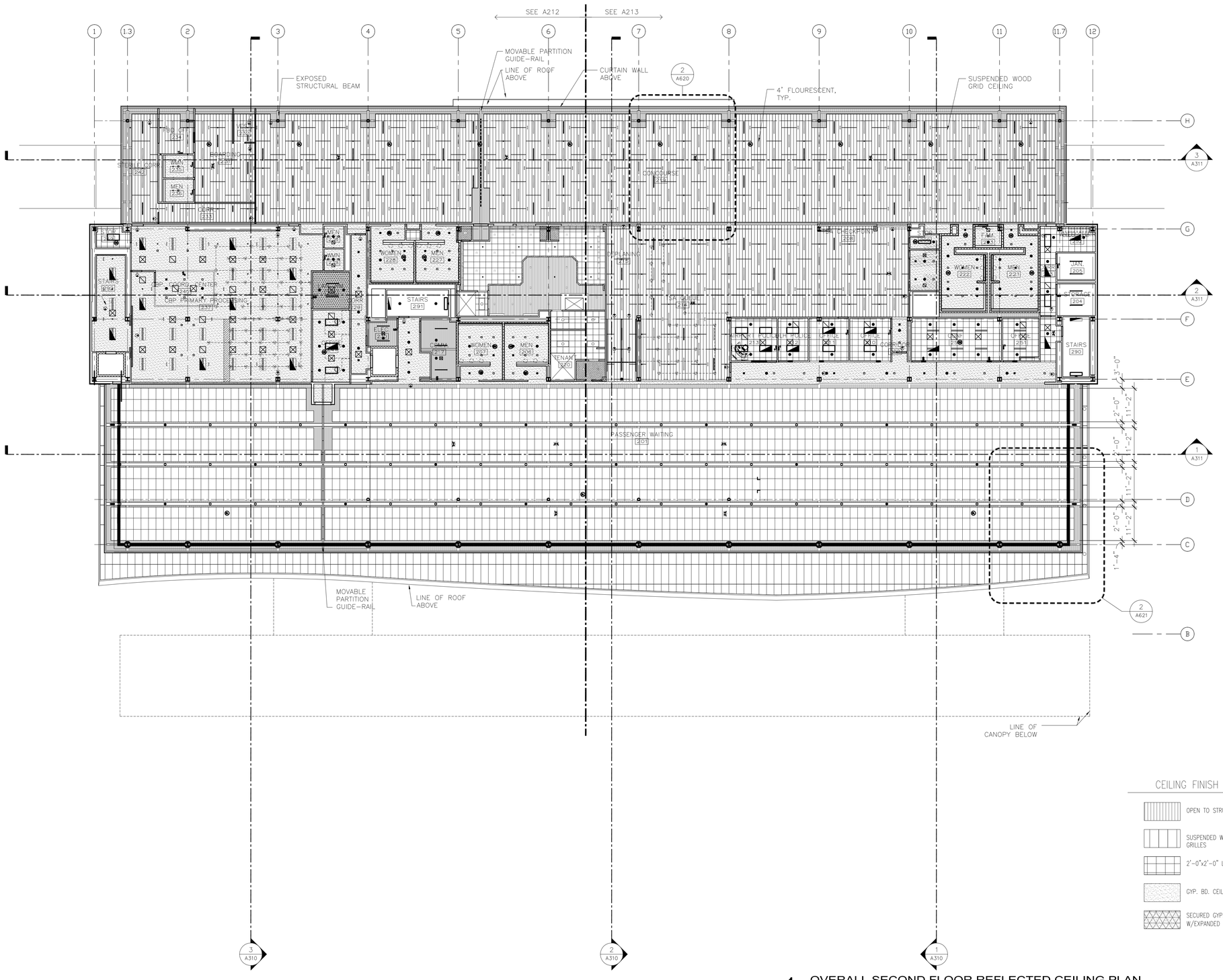
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
OVERALL FIRST FLOOR RCP

SHEET NUMBER
A201

BID PACKAGE 2C



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"

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	BID PACKAGE 2C	2.10.12

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REVIEWED BY: TC
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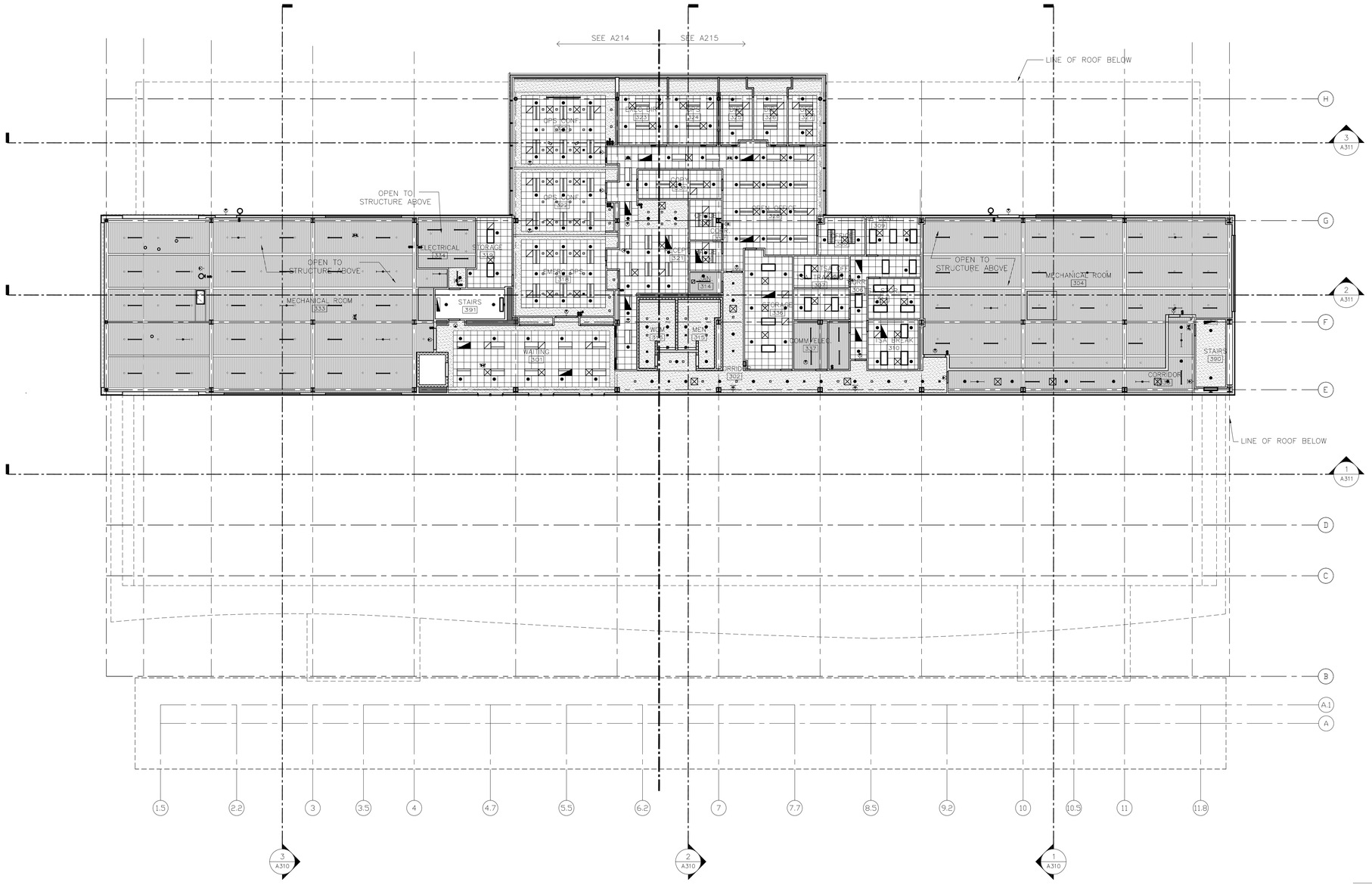
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
OVERALL SECOND FLOOR RCP

SHEET NUMBER
A202

BID PACKAGE 2C



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

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	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

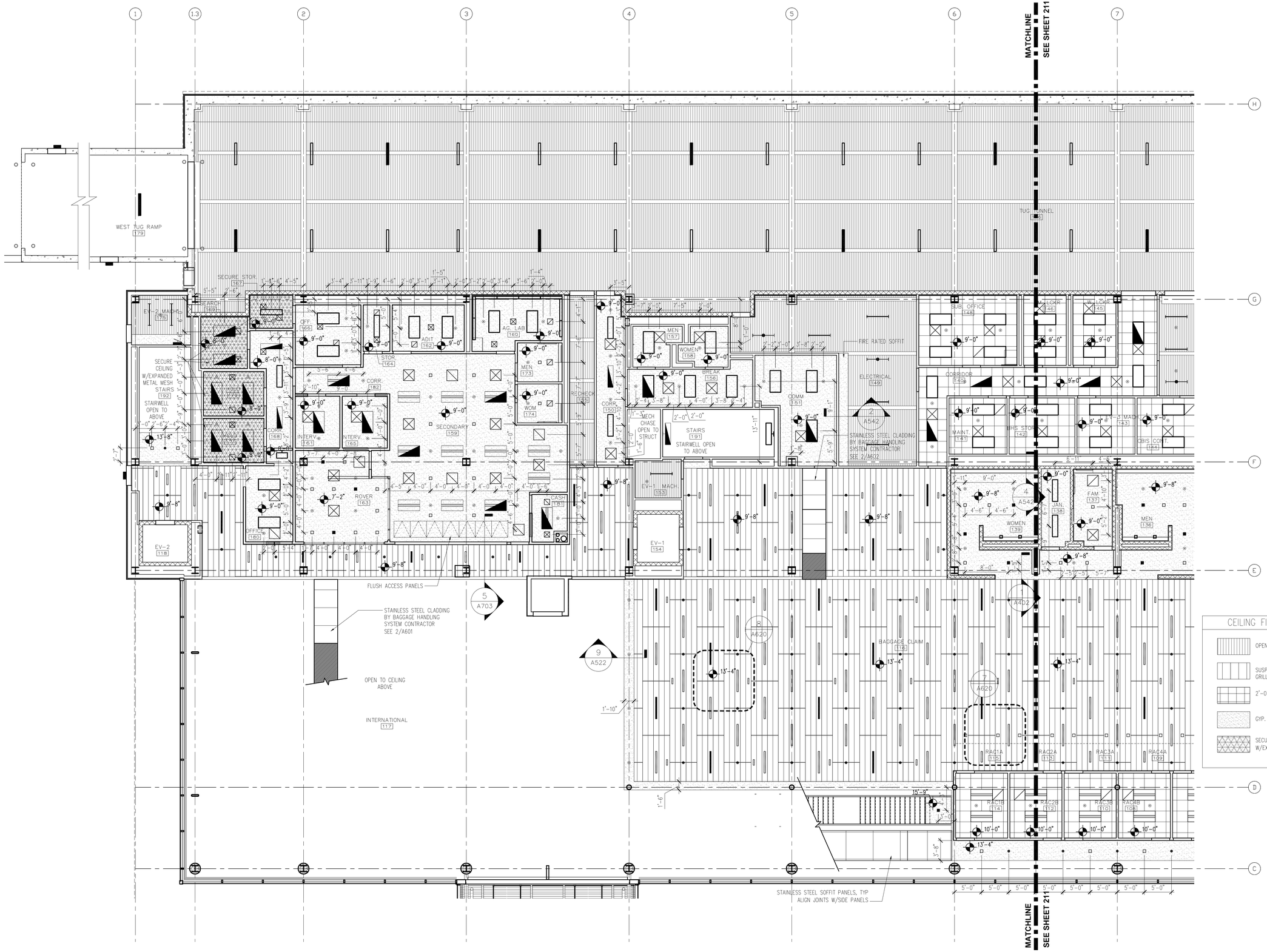
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SHEET TITLE
OVERALL THIRD FLOOR RCP

SHEET NUMBER
A203

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A203 Overall Third Floor RCP.dwg Plotted on: 2/9/2012 8:46 PM Plotted by: lp, Mark



1 ENLARGED FIRST FLOOR REFLECTED CEILING PLAN - AREA A
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

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

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Interior Architects:
SJA ARCHITECTS
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TEL: (218) 722-1056 / FAX: (218) 722-9306

M/E/P/FP Engineers:
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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
1	BP2A - ADDENDUM 6	3.11.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
2	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

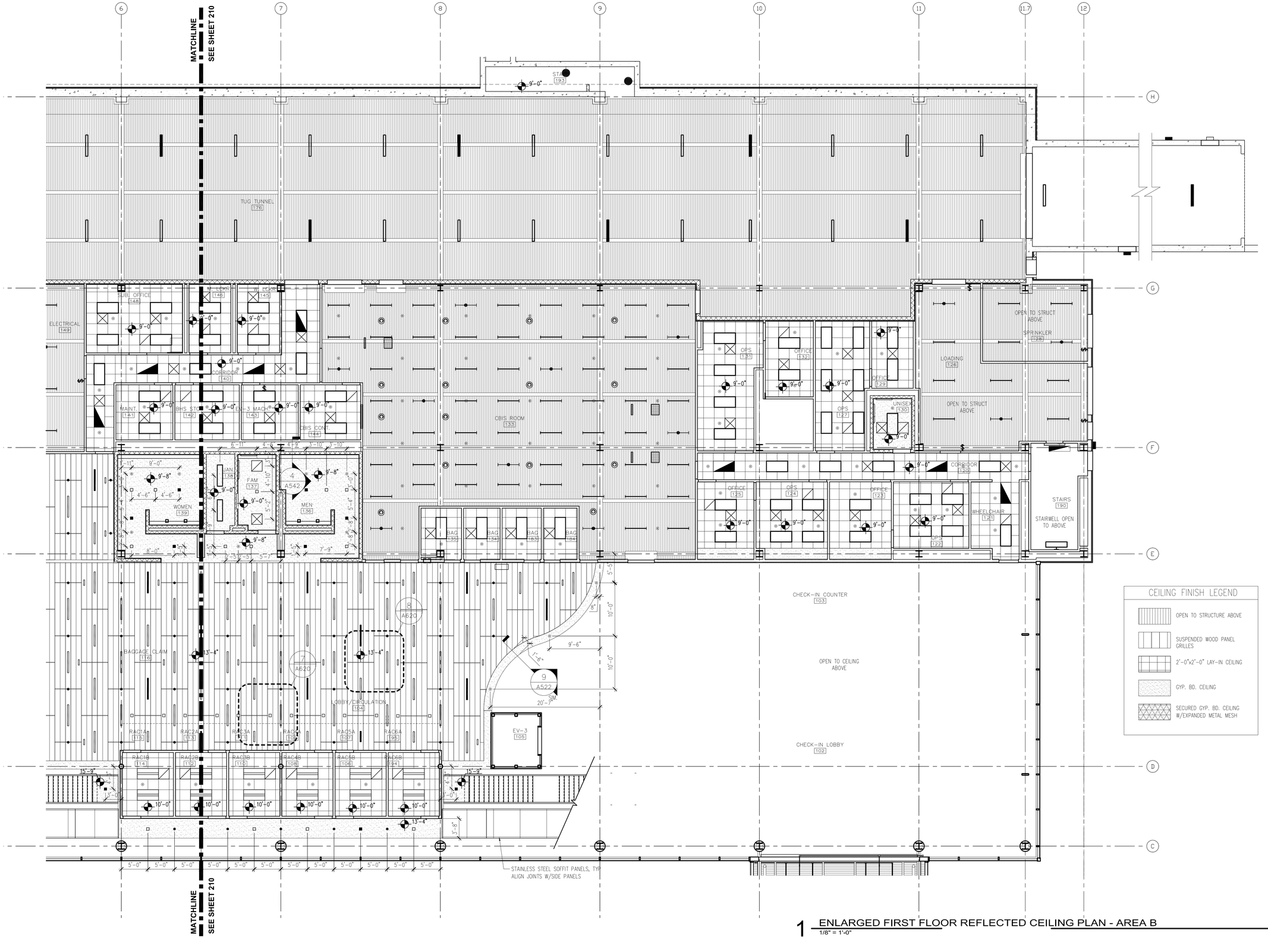
ENLARGED FIRST FLOOR REFLECTED CEILING PLAN AREA A

SHEET NUMBER

A210

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A210 Enlarged First Floor RCP Area A.dwg Plotted on: 2/9/2012 8:47 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 FIRST FLOOR REFLECTED CEILING PLAN - AREA B
1/8" = 1'-0"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

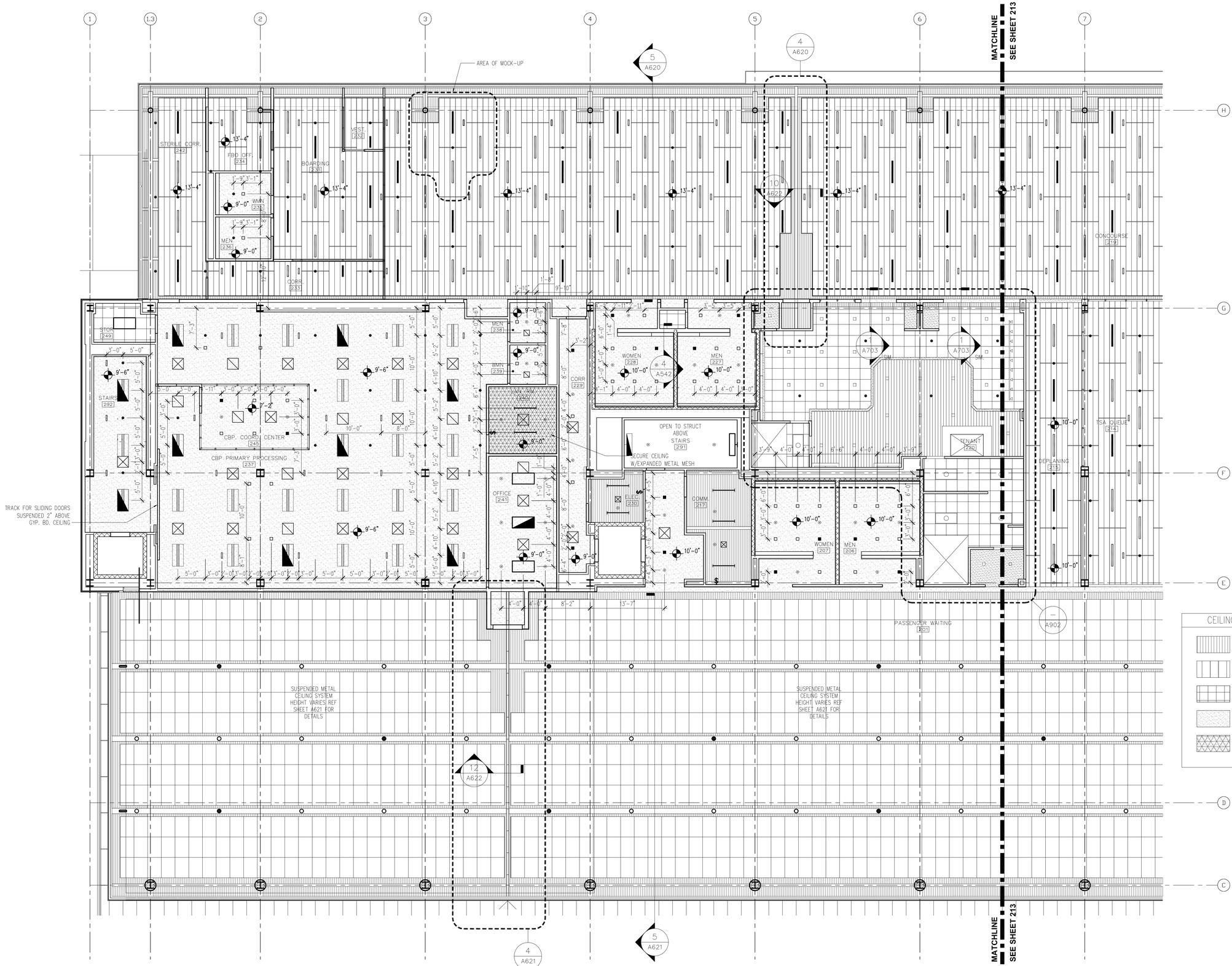
ENLARGED FIRST FLOOR REFLECTED CEILING PLAN AREA B

SHEET NUMBER

A211

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A211 Enlarged First Floor RCP Area B.dwg Plotted on: 2/9/2012 8:48 PM Plotted by: ip, Mark



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

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

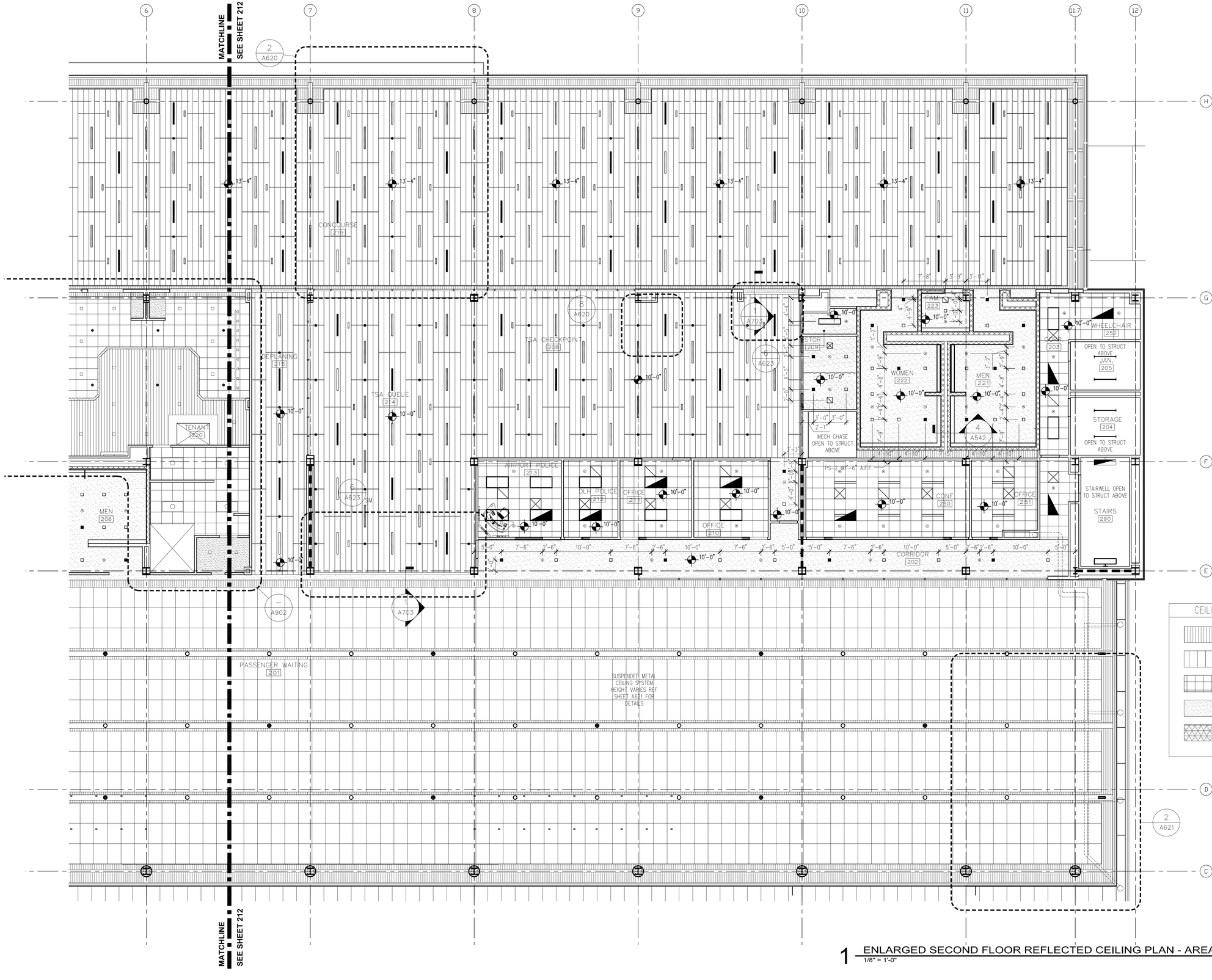
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SHEET TITLE
ENLARGED SECOND FLOOR REFLECTED CEILING PLAN AREA A

SHEET NUMBER
A212

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A212 Enlarged Second Floor RCP Area A.dwg Plotted on: 2/9/2012 8:48 PM Plotted by: lp, Mark



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

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

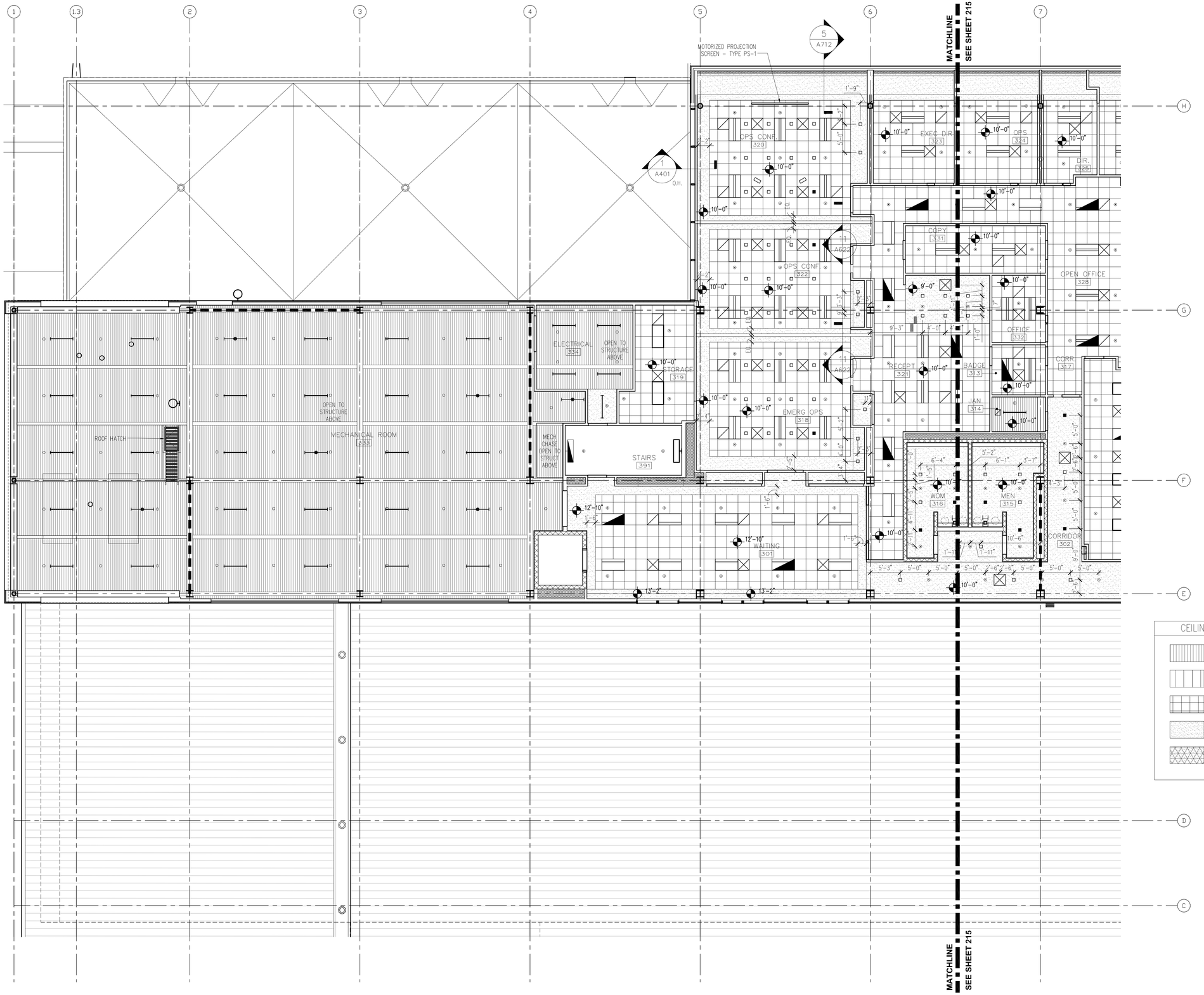
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SHEET TITLE
ENLARGED SECOND FLOOR REFLECTED CEILING PLAN AREA B

SHEET NUMBER
A213

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A213 Enlarged Second Floor RCP Area B.dwg Plotted on: 2/9/2012 8:49 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"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

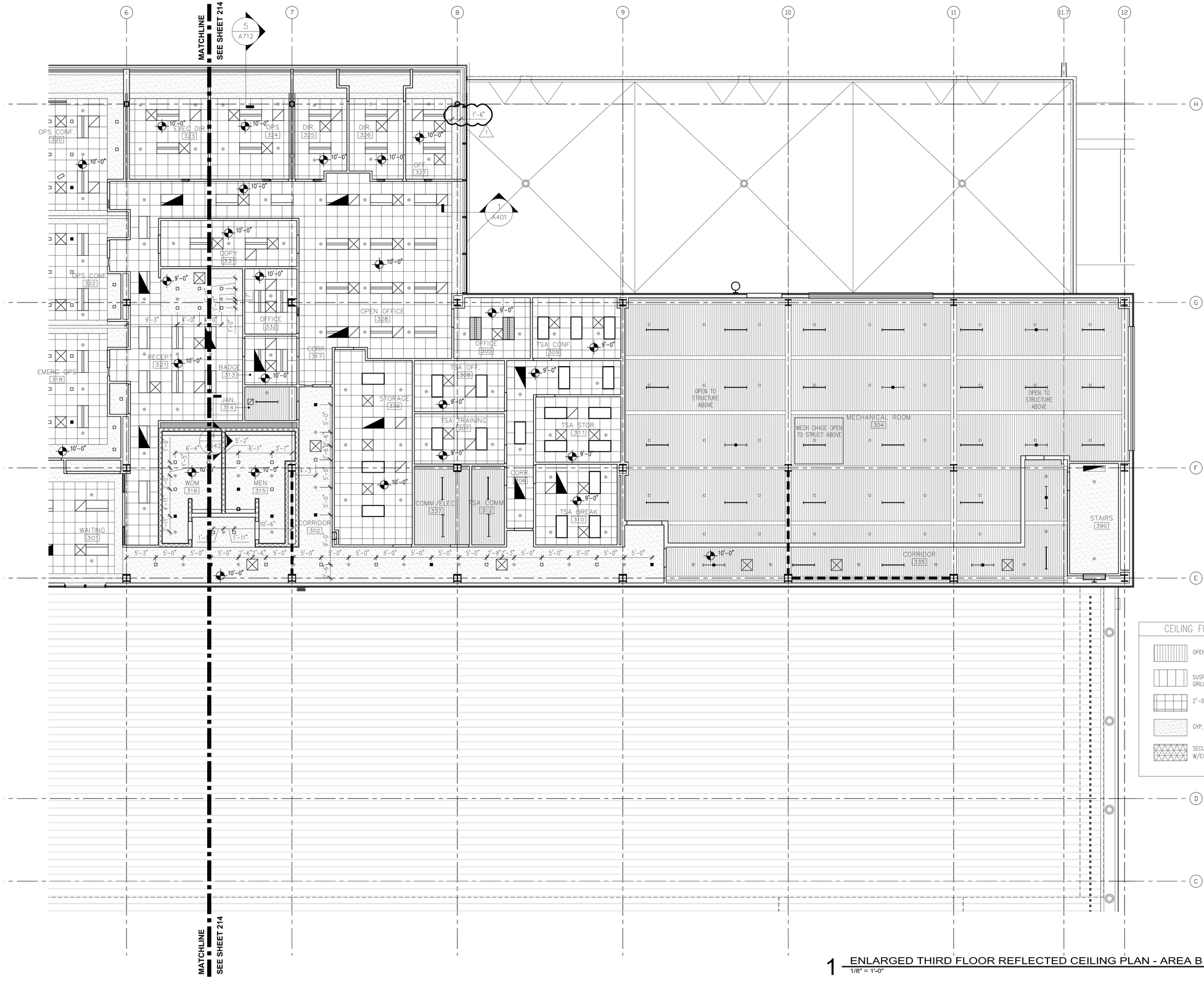
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
ENLARGED THIRD FLOOR REFLECTED CEILING PLAN AREA A

SHEET NUMBER
A214

BID PACKAGE 2C



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 B
1/8" = 1'-0"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11

DATE ISSUED: 02-10-12
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

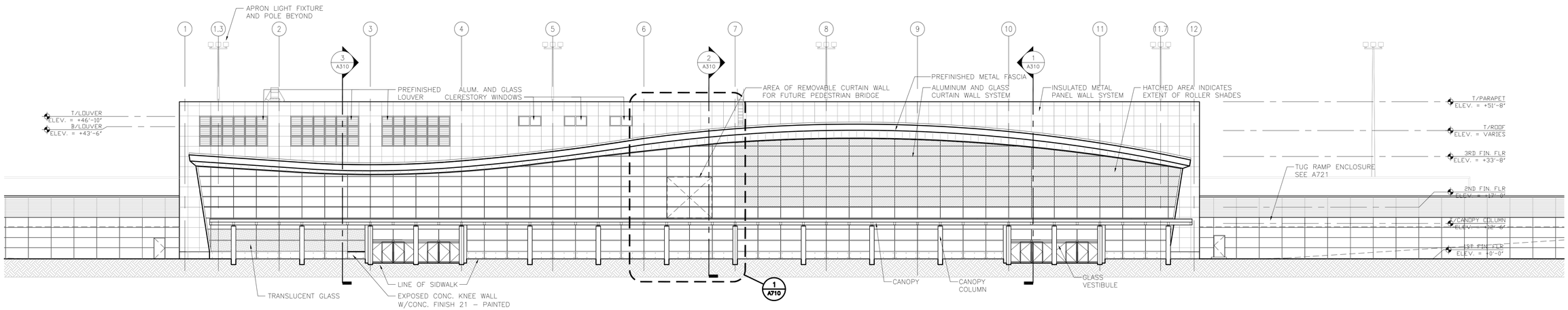
ENLARGED THIRD FLOOR REFLECTED CEILING PLAN AREA B

SHEET NUMBER

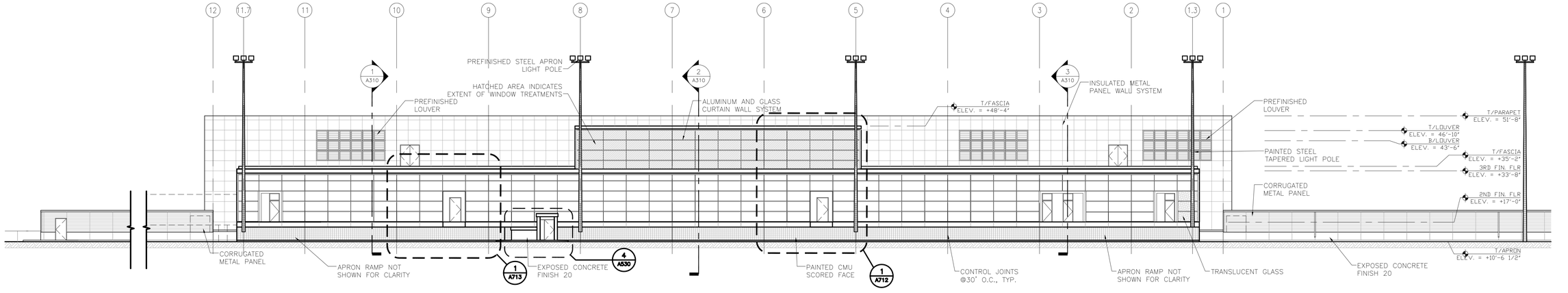
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BID PACKAGE 2C

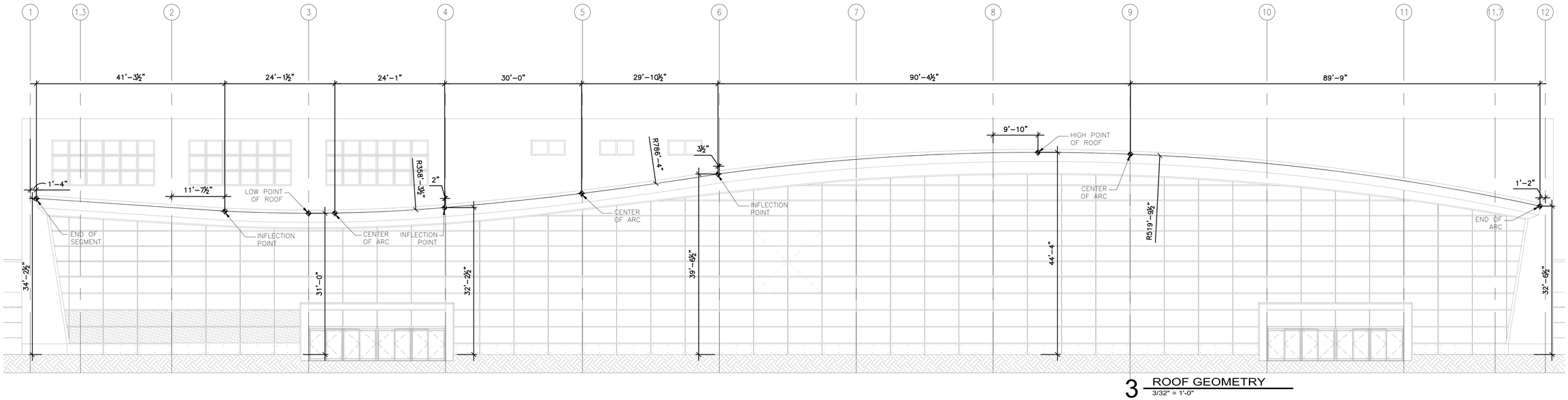
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A215 Enlarged Third Floor RCP Area B.dwg Plotted on: 2/9/2012 8:50 PM Plotted by: ip, Mark



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



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



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

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
5	CLARIFICATION-009	11.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
6	CLARIFICATION-072	1.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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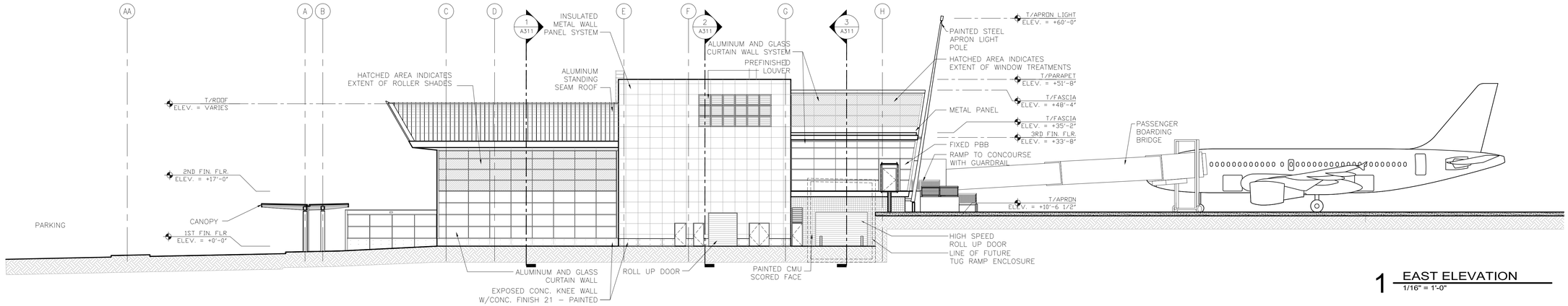
AEP PROJECT NUMBER
213-1882-091

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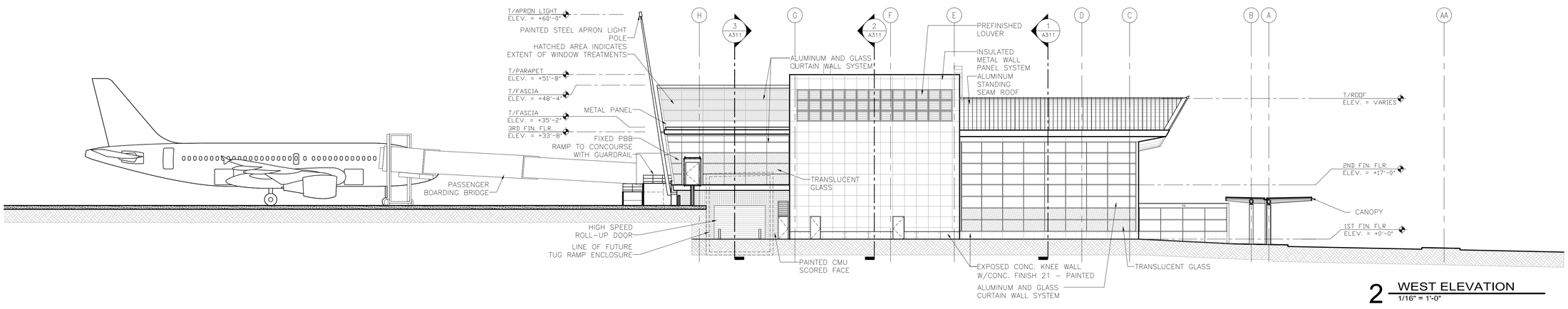
SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A301

BID PACKAGE 2C



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



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

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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
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
1	CLARIFICATION-072	1.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11

DATE ISSUED: 02-10-12
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

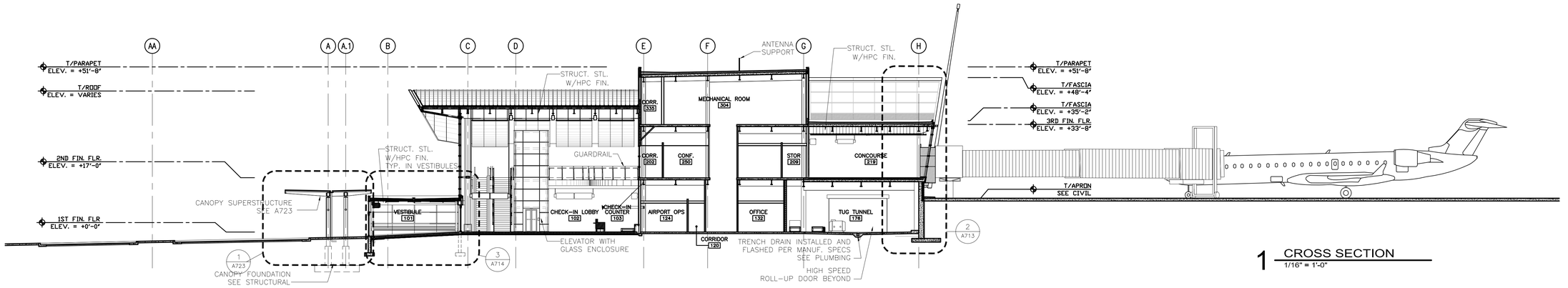
AEP PROJECT NUMBER
213-1882-091

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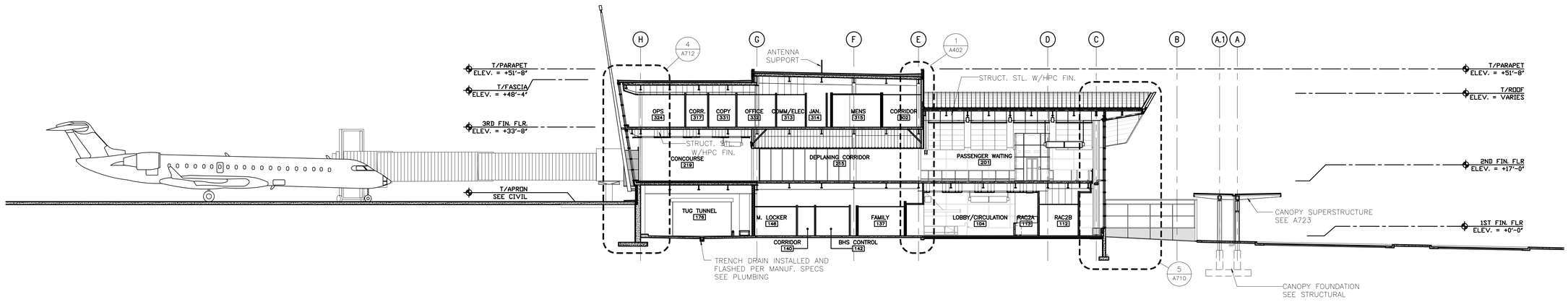
SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A302

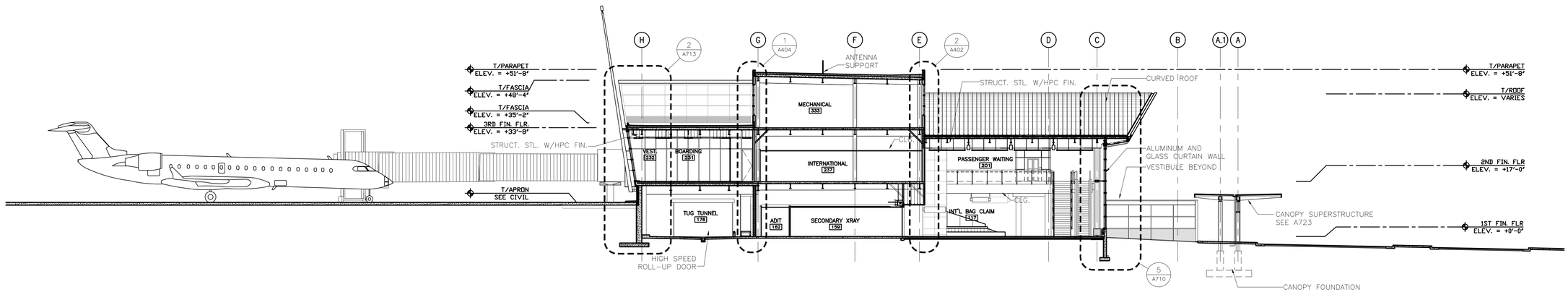
BID PACKAGE 2C



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



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



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

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NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

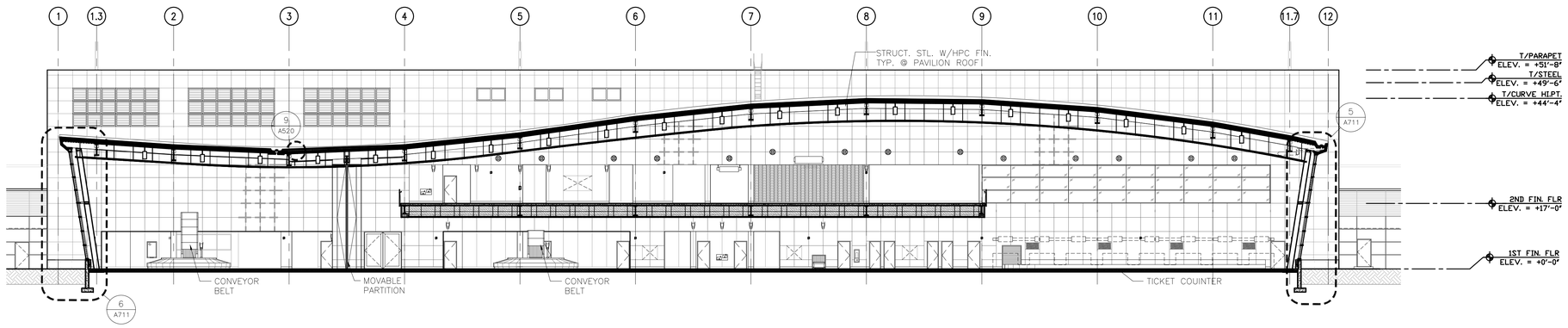
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SHEET TITLE
BUILDING SECTIONS

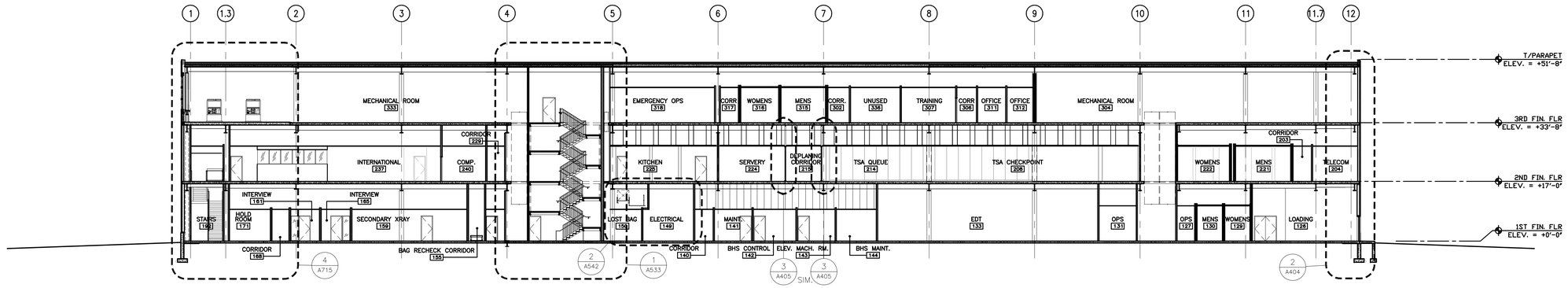
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BID PACKAGE 2C

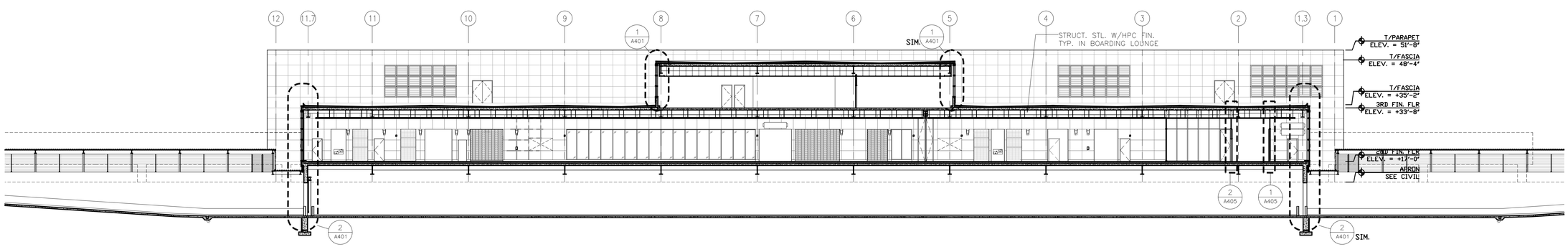
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A310 Building Sections.dwg Plotted on: 2/9/2012 8:52 PM Plotted by: lp, Mark



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



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



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

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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
2	CLARIFICATION-072	1.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

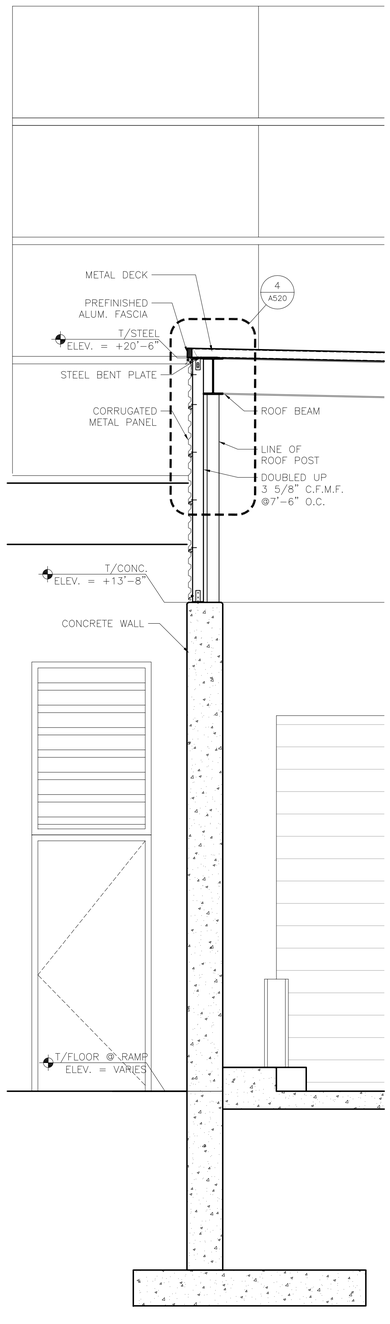
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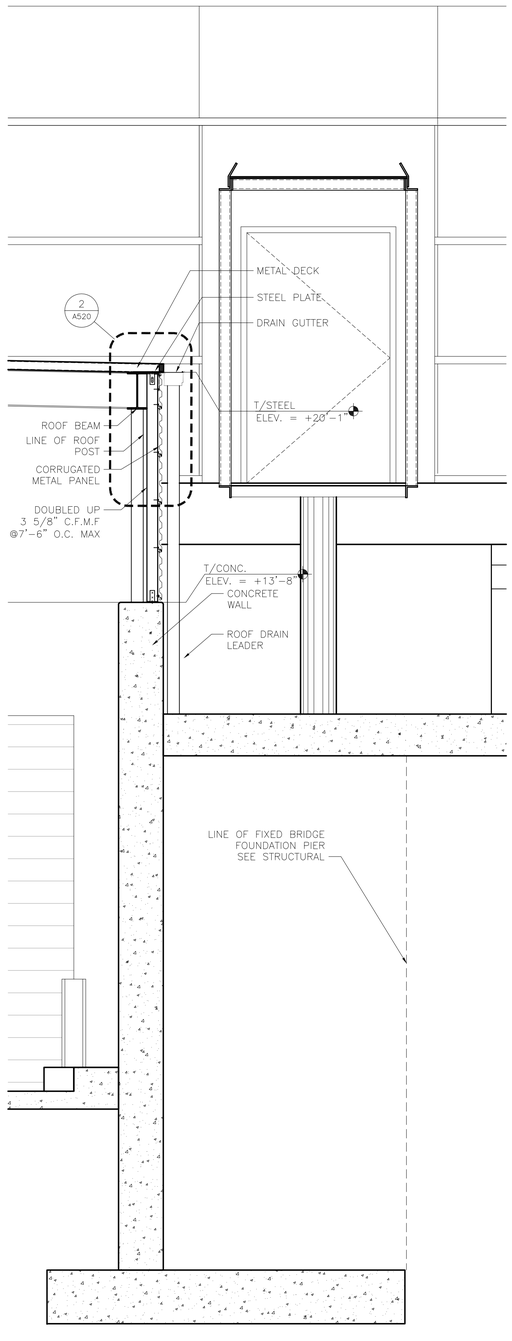
SHEET TITLE
BUILDING SECTIONS

SHEET NUMBER
A311

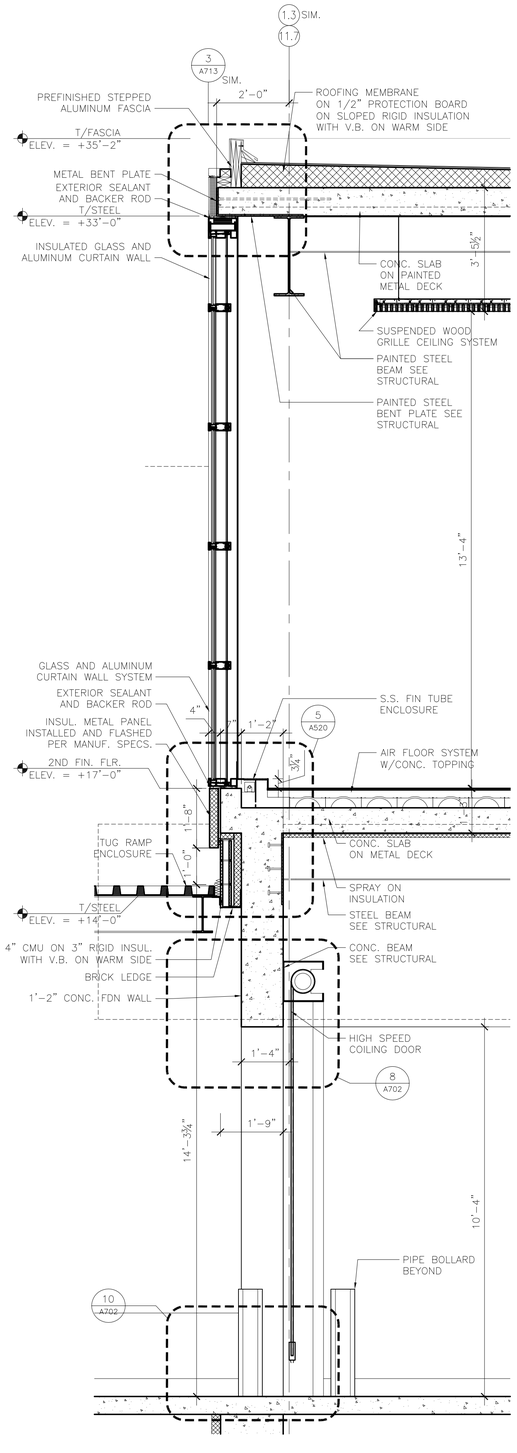
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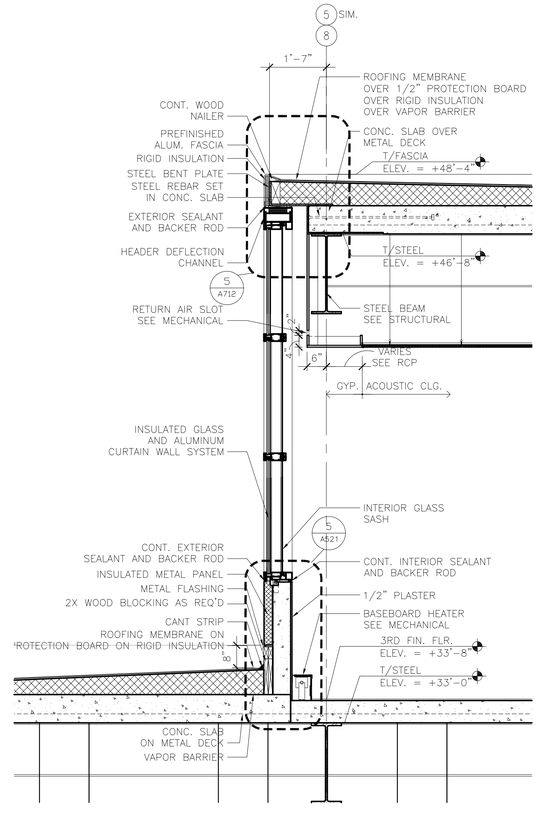
4 WALL SECTION @ TUG TUNNEL
1/2" = 1'-0"



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"

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

REVISIONS

NO.	CONT.	DESCRIPTION	DATE
4		BUILDING PERMIT REVISIONS	11.12.10
		100% REVIEW	12.15.10
		BID PACKAGE 2A	1.24.11
5		CLARIFICATION-072	1.25.11
		BP2A CONFORMANCE SET	5.2.11
		BID PACKAGE 2B REVIEW	7.6.11
		BID PACKAGE 2B	8.23.11
6		BP2B ADDENDUM 2	9.15.11
		BP2B CONFORMANCE	10.21.11
		BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

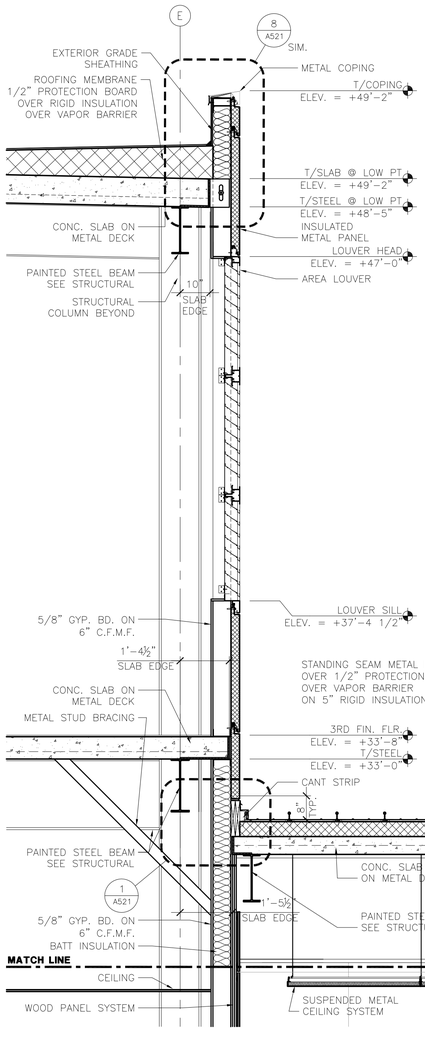
AEP PROJECT NUMBER
213-1882-091

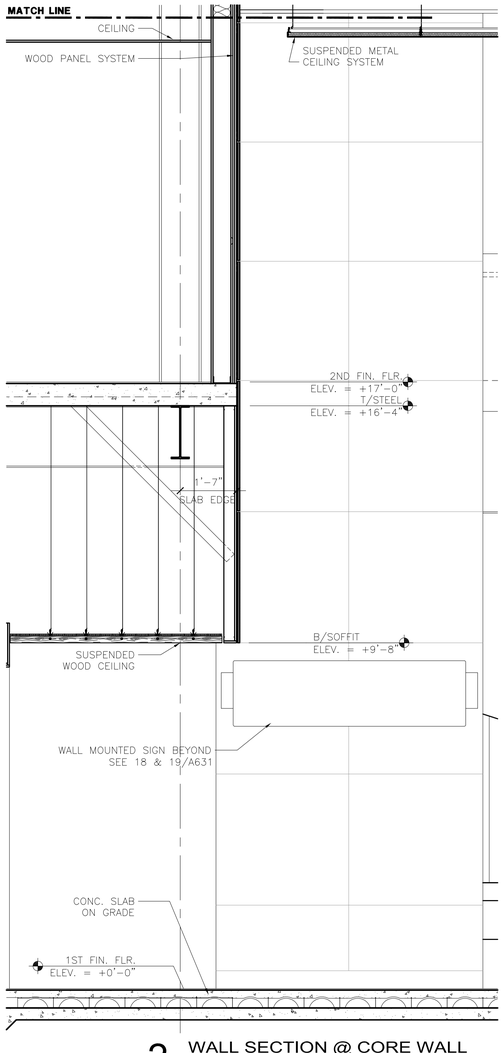
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SHEET TITLE
WALL SECTIONS

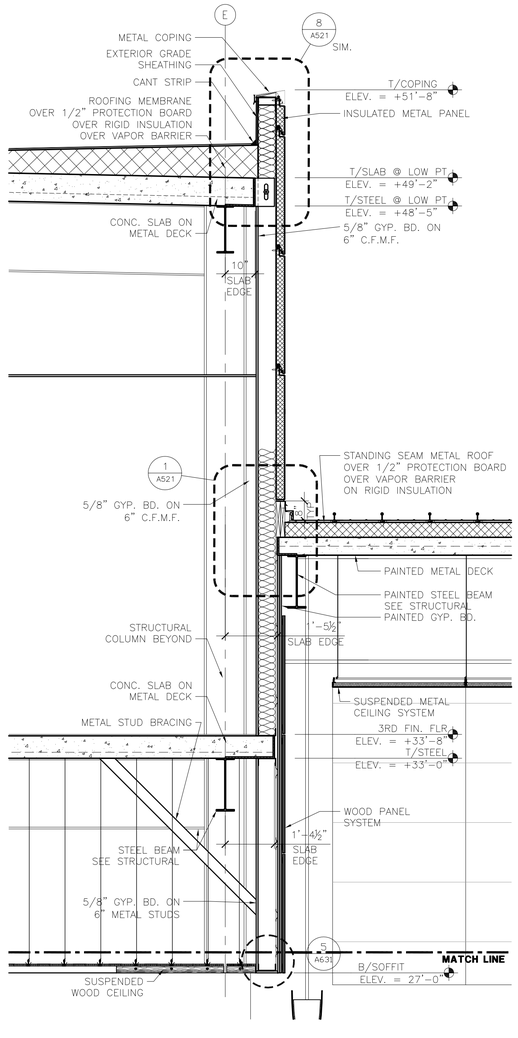
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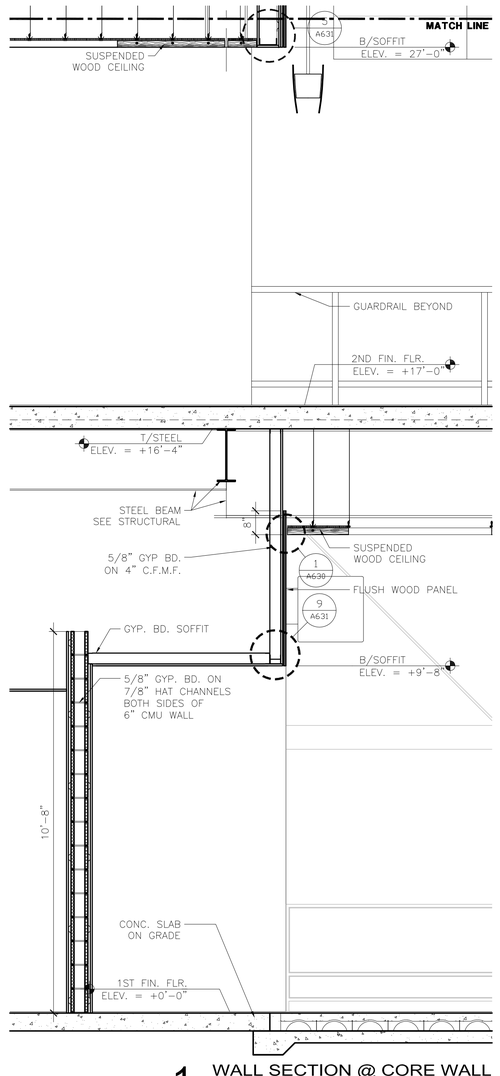
BID PACKAGE 2C





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





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

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REVISIONS

NO.	DESCRIPTION	DATE
	CONFORMANCE SET	7.12.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
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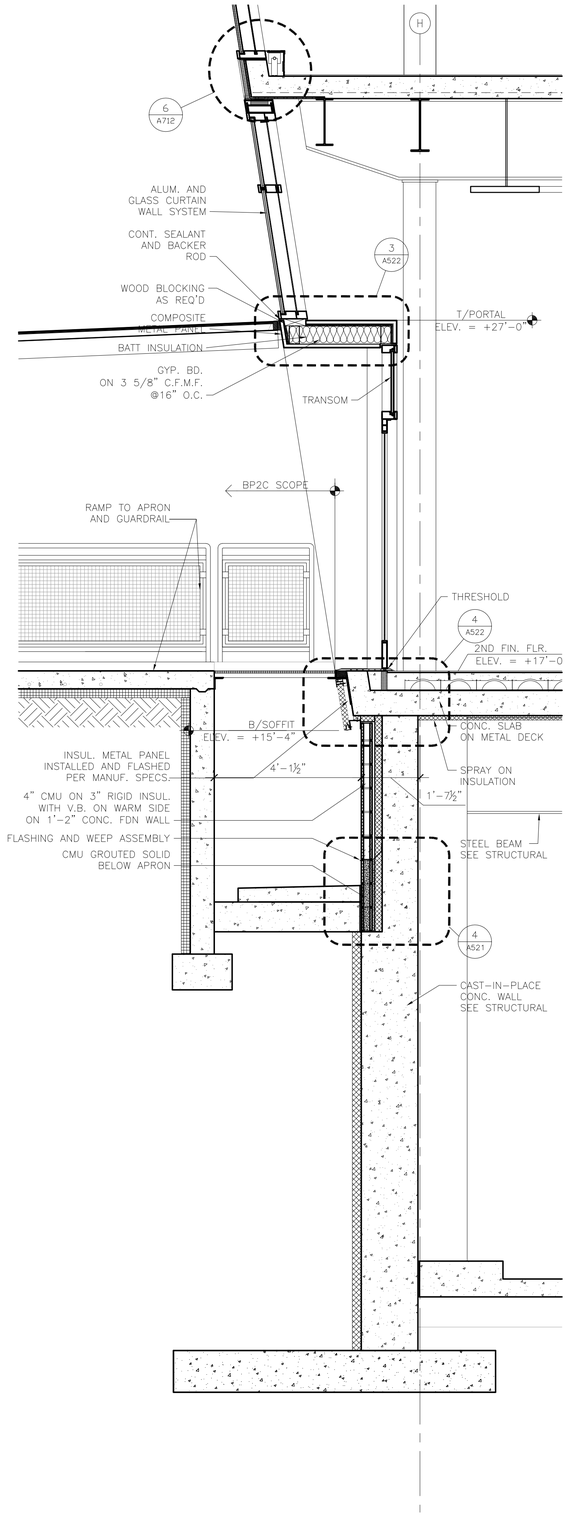
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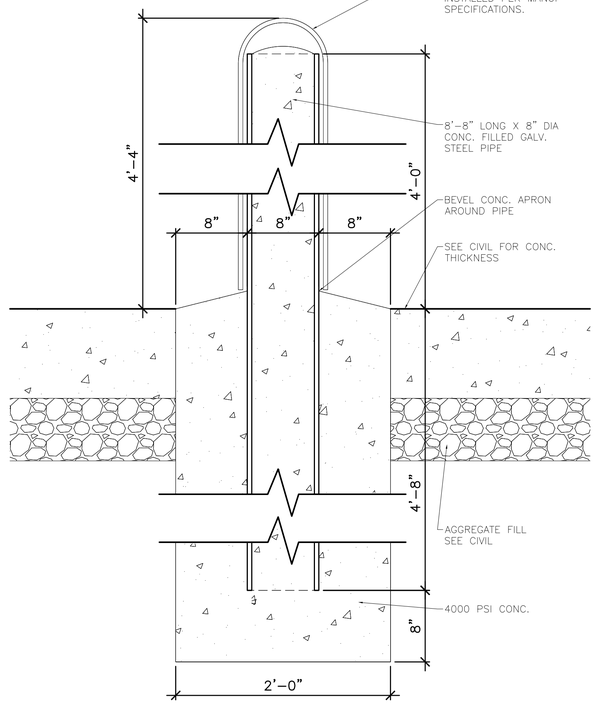
SHEET TITLE
WALL SECTIONS

SHEET NUMBER
A402

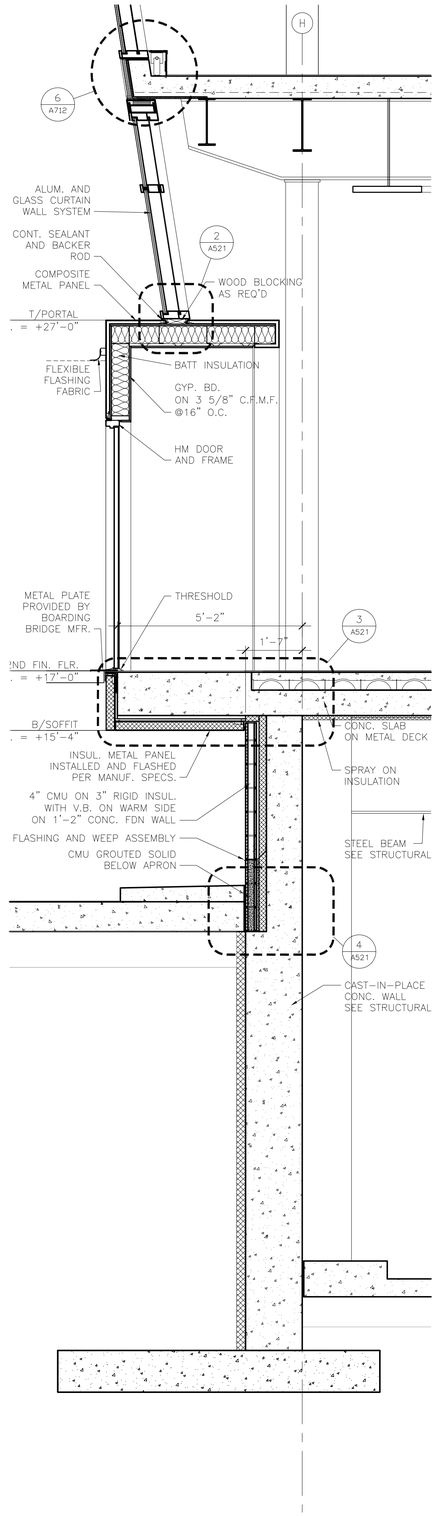
BID PACKAGE 2C



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"

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REVISIONS

NO.	ADD	DESCRIPTION	DATE
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
		BP2A CONFORMANCE SET	5.2.11
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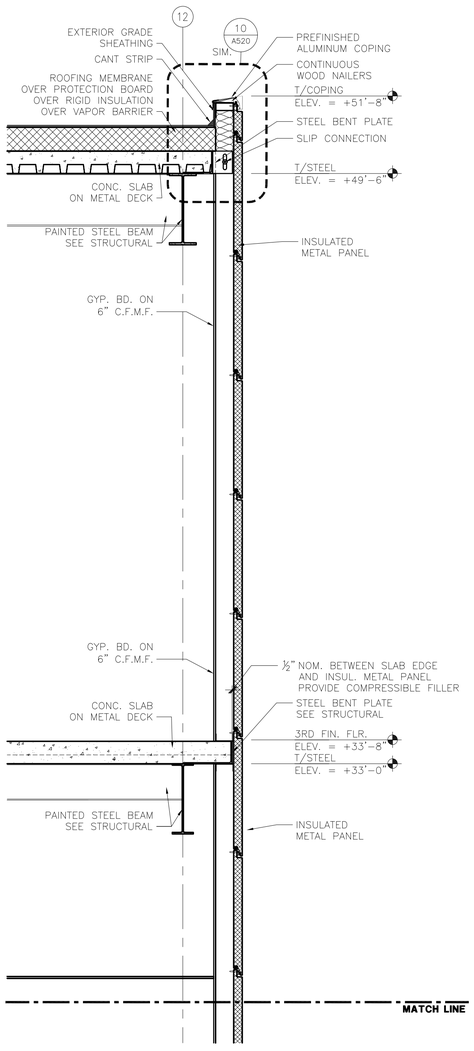
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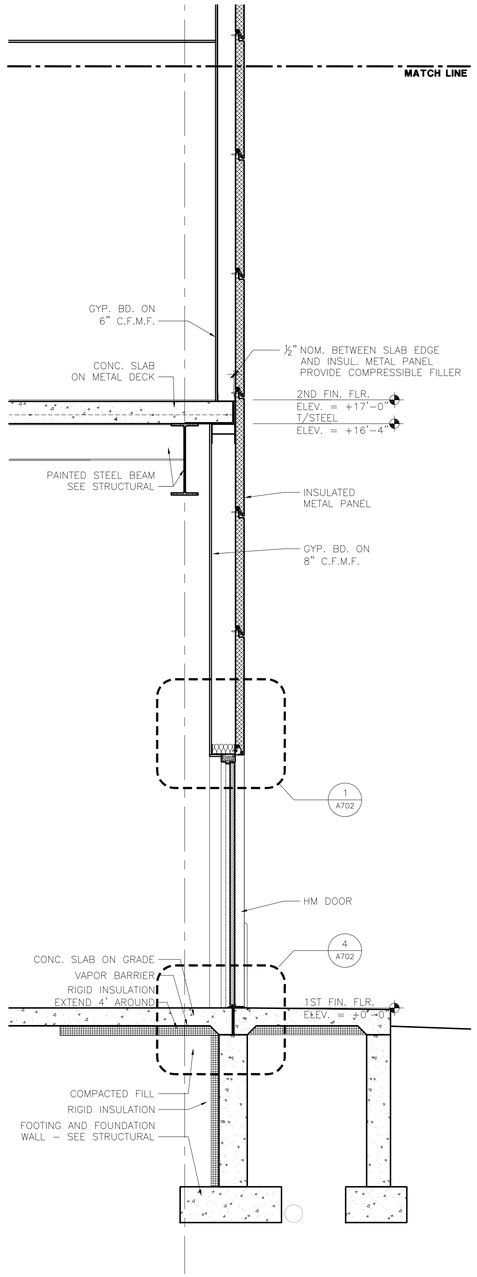
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SHEET TITLE
WALL SECTIONS

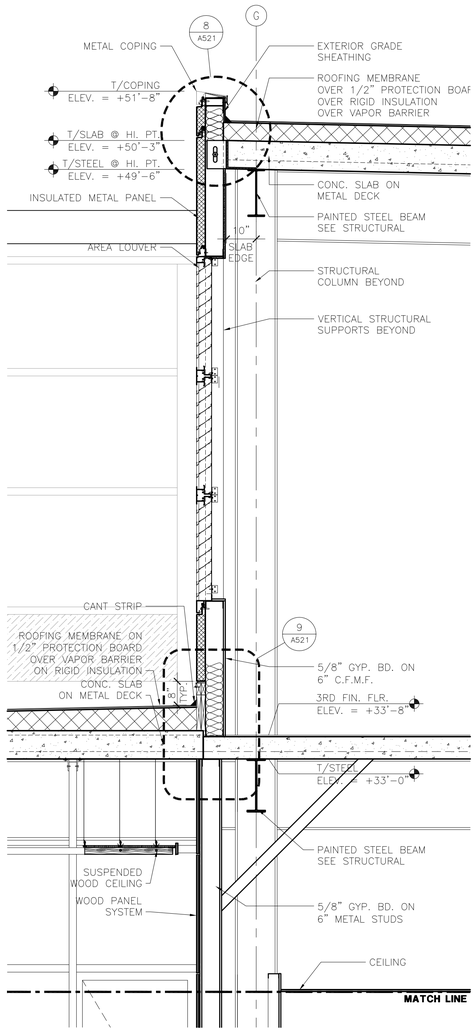
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A403

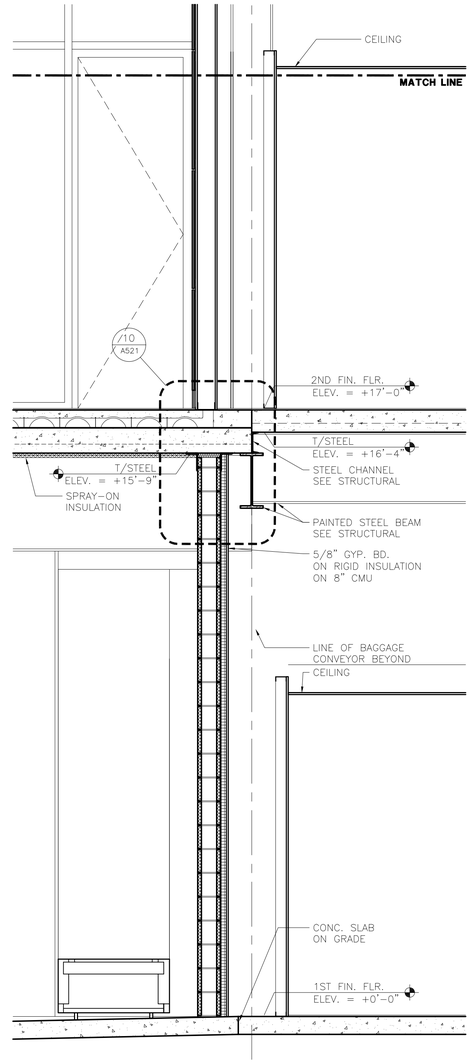
BID PACKAGE 2C





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1/2" = 1'-0"





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1/2" = 1'-0"

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4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

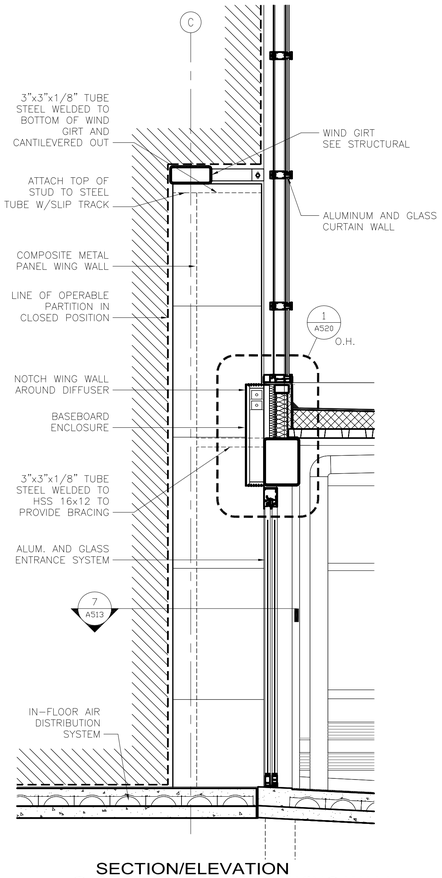
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SHEET TITLE
WALL SECTIONS

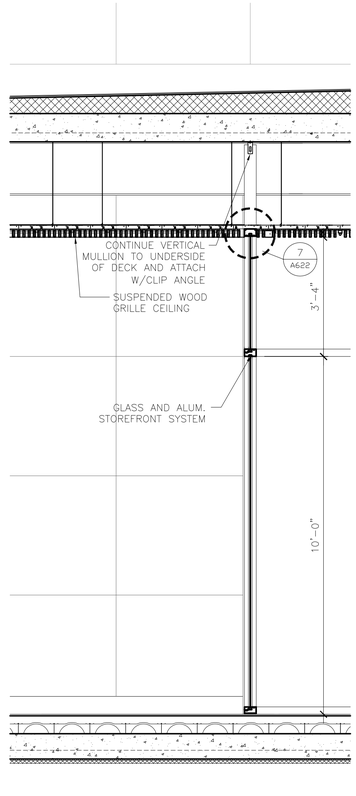
SHEET NUMBER
A404

BID PACKAGE 2C

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"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

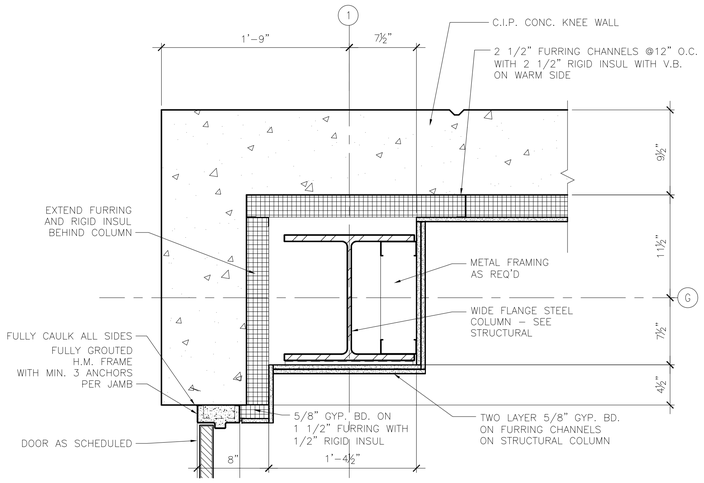
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SHEET TITLE
WALL SECTIONS

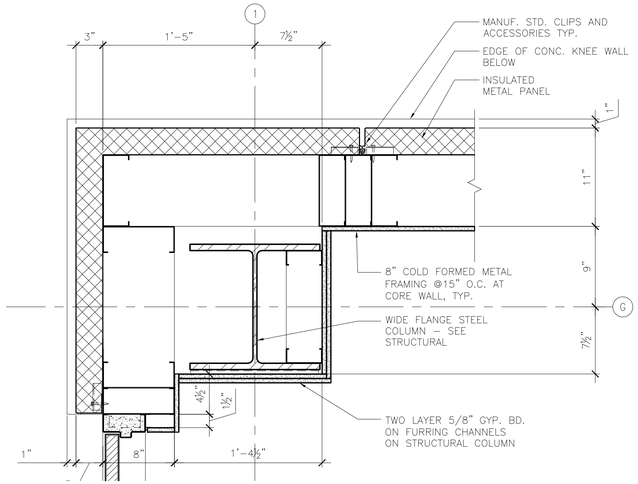
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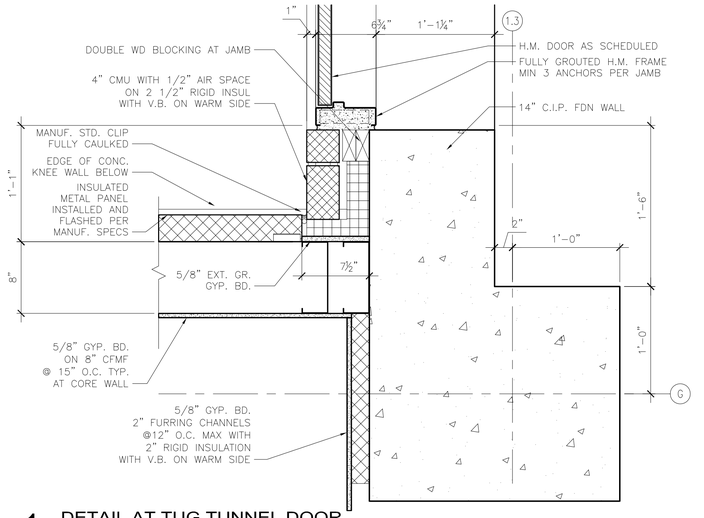
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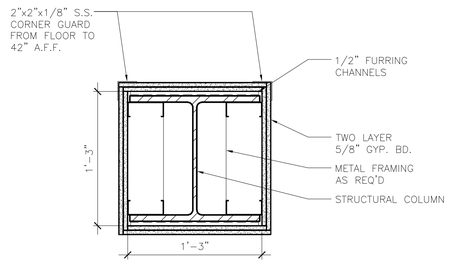
7 DETAIL @ CORE WALL CORNER LOWER
1 1/2" = 1'-0"



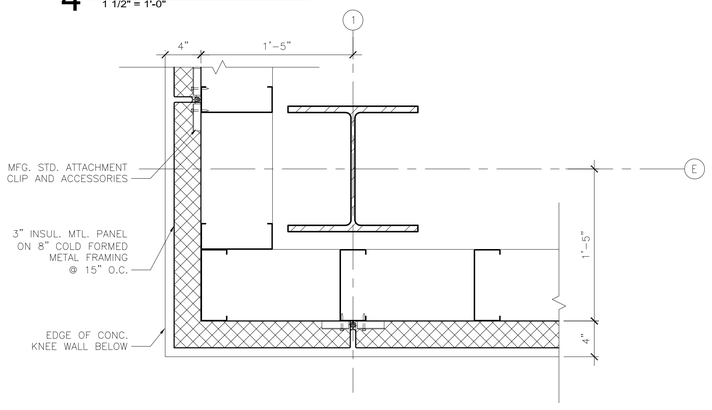
4 DETAIL @ CORE WALL CORNER UPPER
1 1/2" = 1'-0"



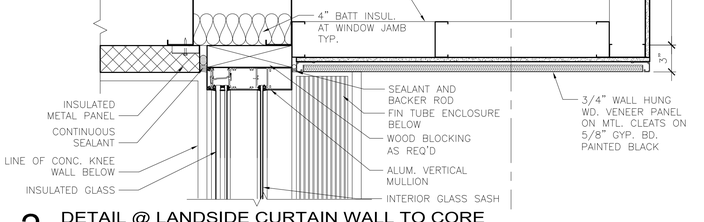
1 DETAIL AT TUG TUNNEL DOOR
1 1/2" = 1'-0"



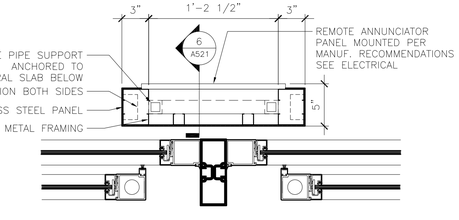
8 TYP. COLUMN WRAP DETAIL
1 1/2" = 1'-0"



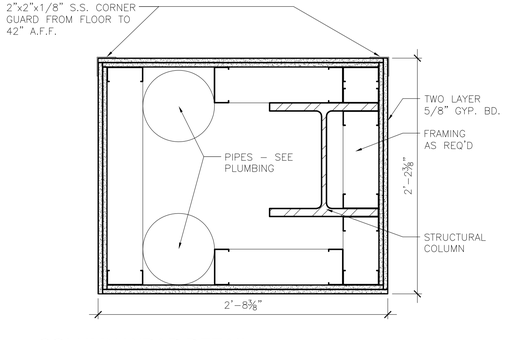
5 DETAIL
1 1/2" = 1'-0"



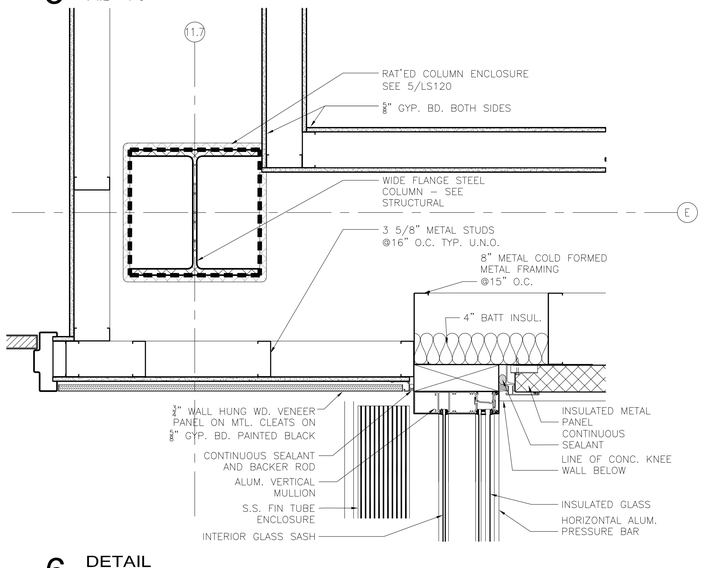
2 DETAIL @ LANDSIDE CURTAIN WALL TO CORE
1 1/2" = 1'-0"



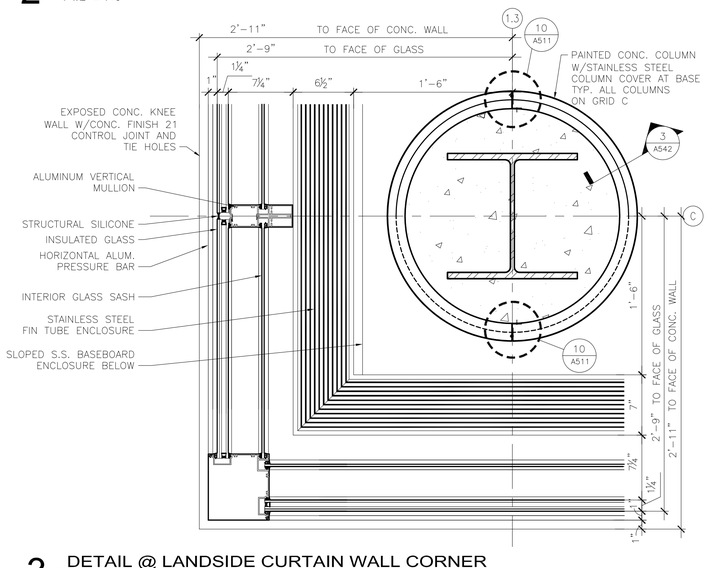
9 REMOTE ANNUNCIATOR DETAIL
1 1/2" = 1'-0"



10 COLUMN WRAP DETAIL
1 1/2" = 1'-0"



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



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

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
4	BID PACKAGE 2B ADDI	9.1.11
5	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

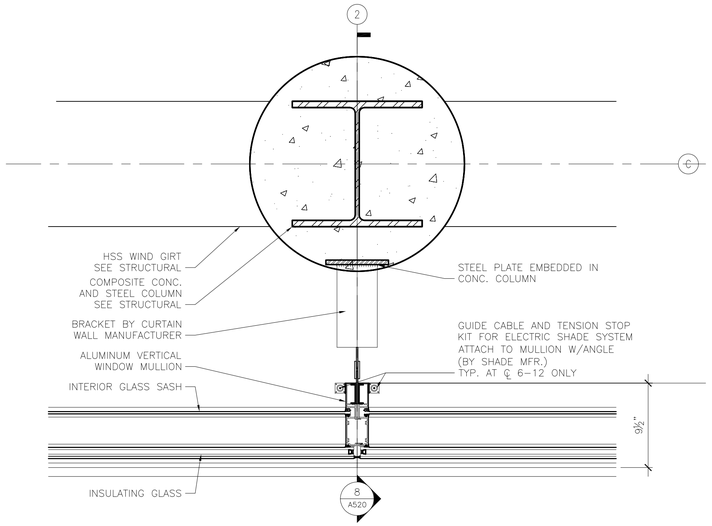
AEP PROJECT NUMBER
213-1882-091

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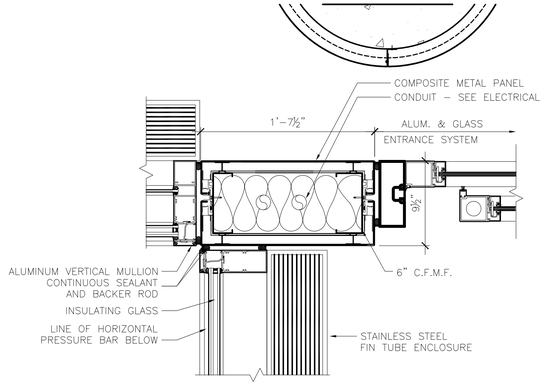
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
A510

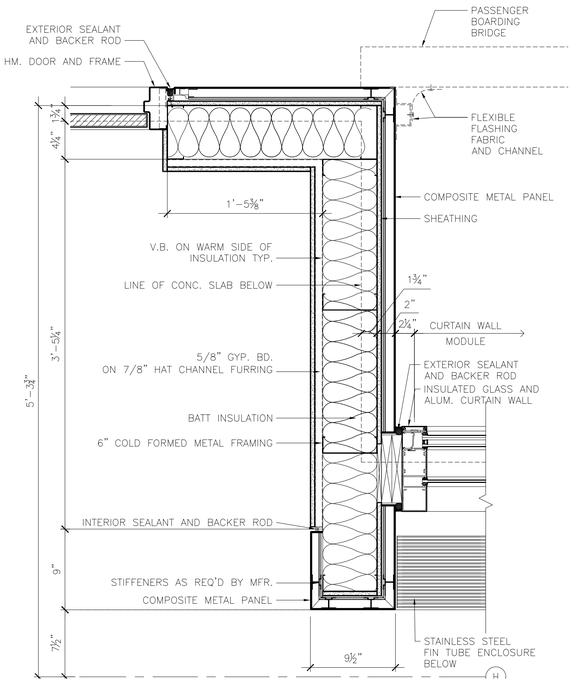
BID PACKAGE 2C



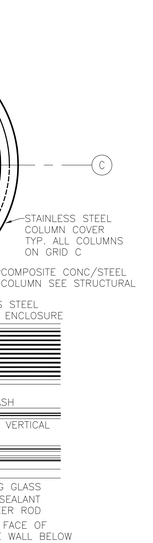
7 PLAN DETAIL - SECOND LEVEL
1 1/2" = 1'-0"



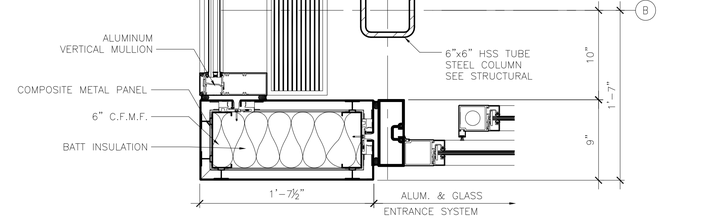
4 PLAN DETAIL @ VESTIBULE
1 1/2" = 1'-0"



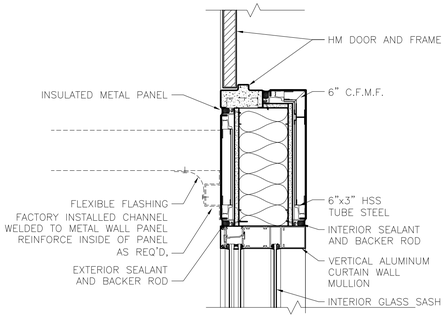
1 PLAN DETAIL @ PBB PORTAL
1 1/2" = 1'-0"



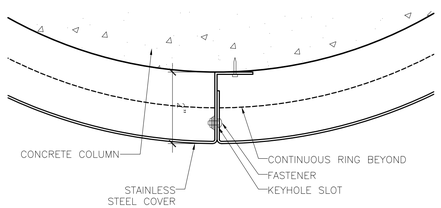
8 PLAN DETAIL - FIRST LEVEL
1 1/2" = 1'-0"



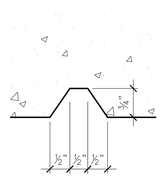
5 PLAN DETAIL @ VESTIBULE
1 1/2" = 1'-0"



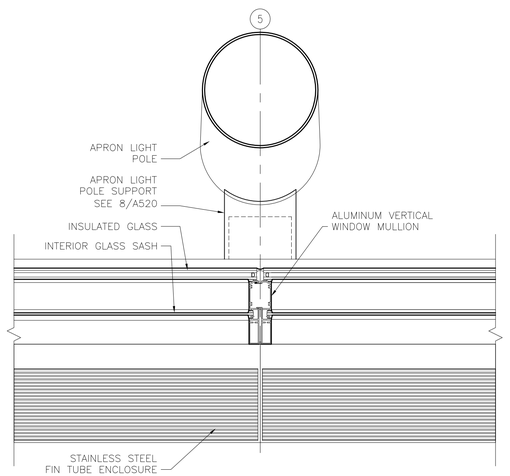
2 PLAN DETAIL @ FIXED BRIDGE
1 1/2" = 1'-0"



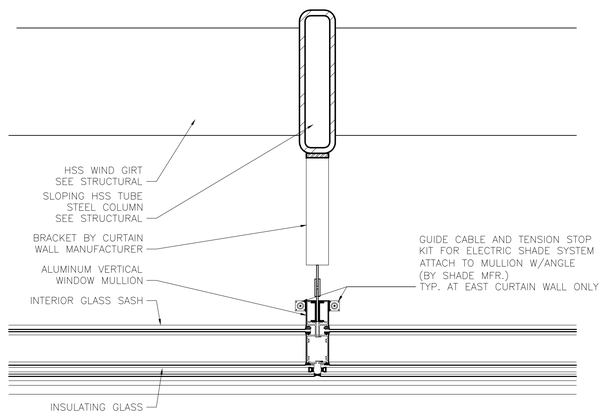
10 COLUMN COVER DETAIL
6" = 1'-0"



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



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



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

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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DESIGNED BY: TC

AEP PROJECT NUMBER
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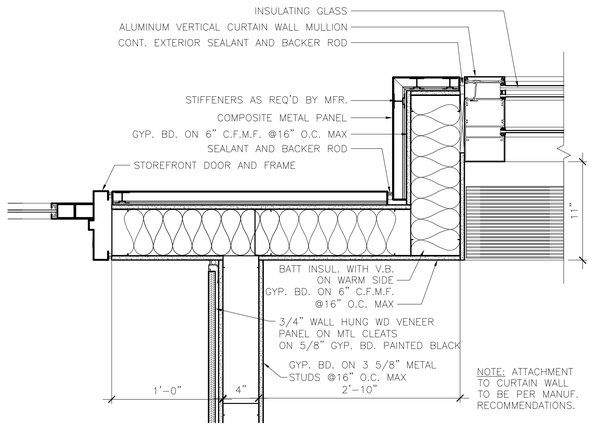
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SHEET TITLE
PLAN DETAILS

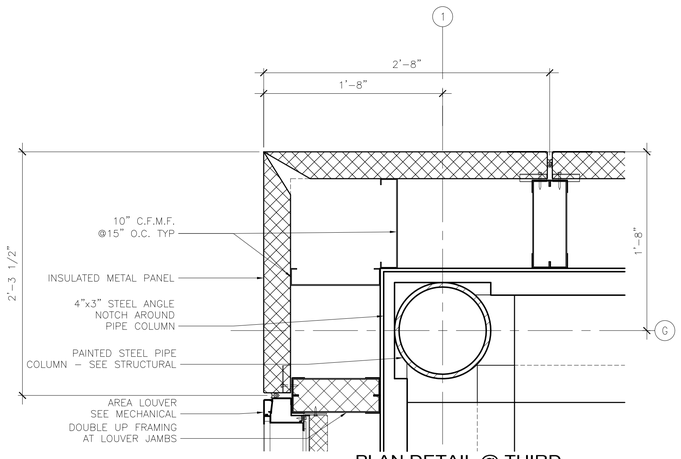
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BID PACKAGE 2C

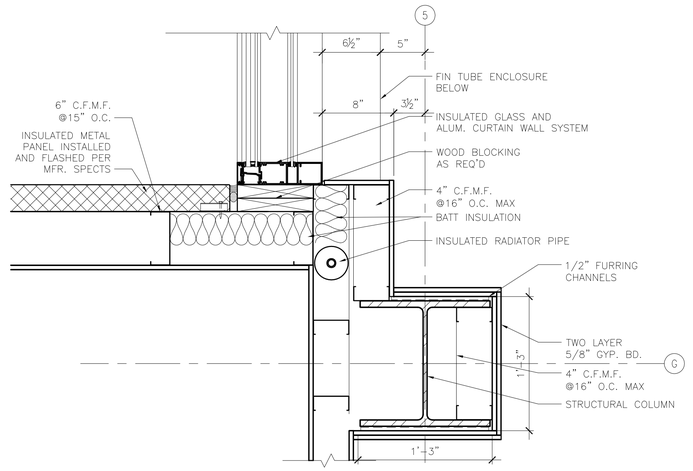
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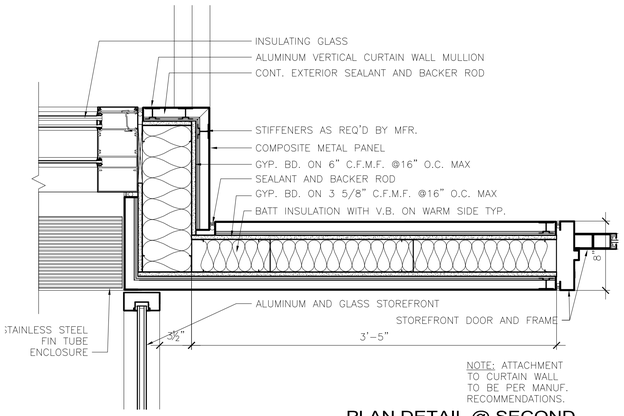
7 PLAN DETAIL @ SECOND LEVEL DOOR PORTAL
1 1/2" = 1'-0"



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

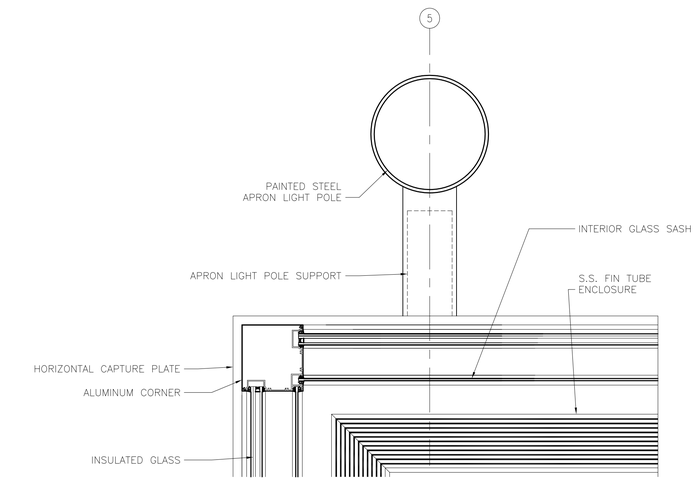


1 PLAN DETAIL @ THIRD LEVEL
1 1/2" = 1'-0"

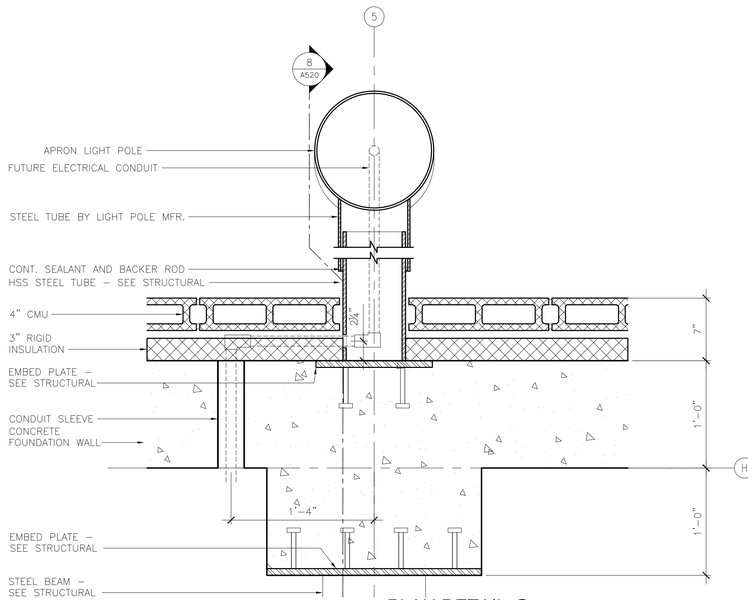


8 PLAN DETAIL @ SECOND LEVEL DOOR PORTAL
1 1/2" = 1'-0"

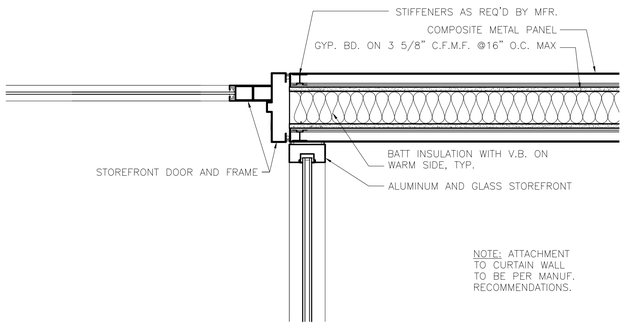
5 PLAN DETAIL @ THIRD LEVEL MECHANICAL SCREEN
1 1/2" = 1'-0"



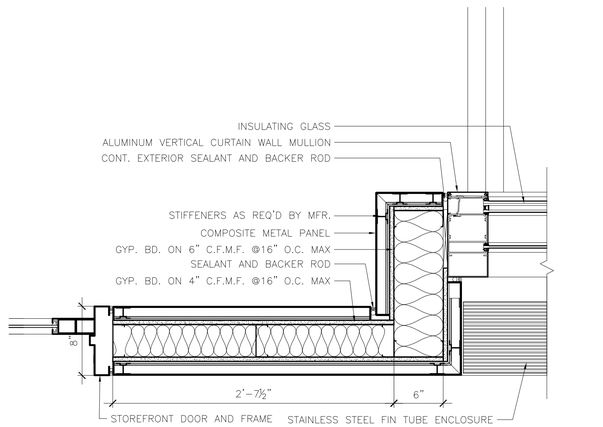
2 PLAN DETAIL @ THIRD LEVEL
1 1/2" = 1'-0"



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"

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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
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11

DATE ISSUED: 02-10-12
REVIEWED BY: SBS/TC
DRAWN BY: MKG/MI
DESIGNED BY: SBS/TC

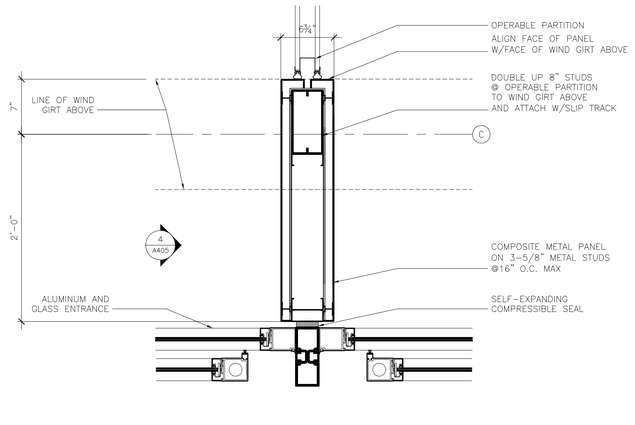
AEP PROJECT NUMBER
213-1882-091

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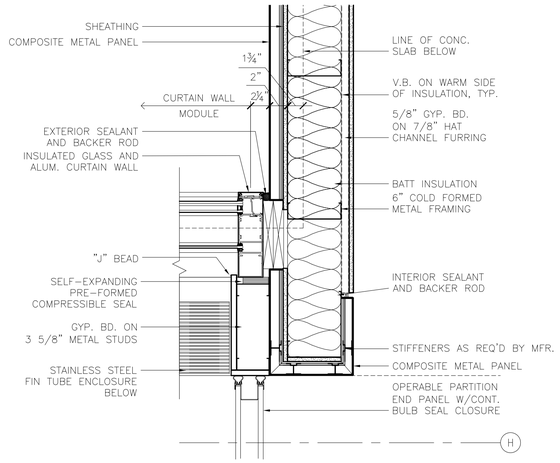
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
A512

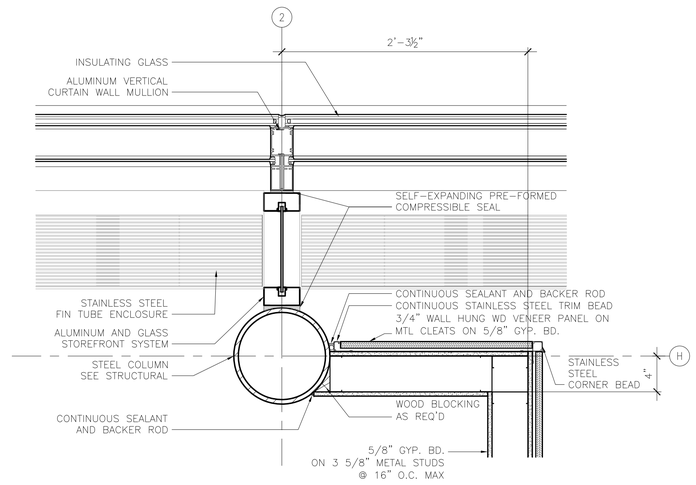
BID PACKAGE 2C



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



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



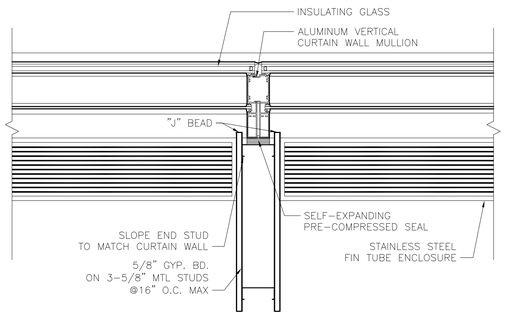
1 PLAN DETAIL @ FBO OFFICE SECOND LEVEL
1 1/2" = 1'-0"

8 PLAN DETAIL @ THIRD FLOOR CLERESTORY
1 1/2" = 1'-0"

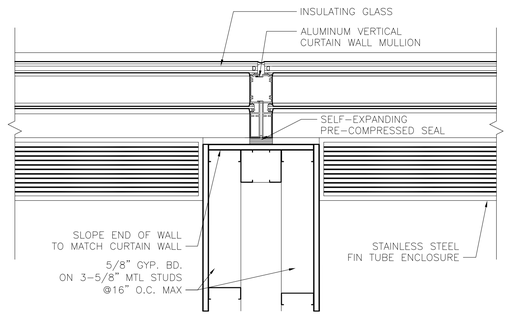
5 PLAN DETAIL @ OPERABLE PARTITION CLOSURE
1 1/2" = 1'-0"

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

9 PLAN DETAIL @ SECOND FLOOR MEZZANINE
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"

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

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CONSULTANTS

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

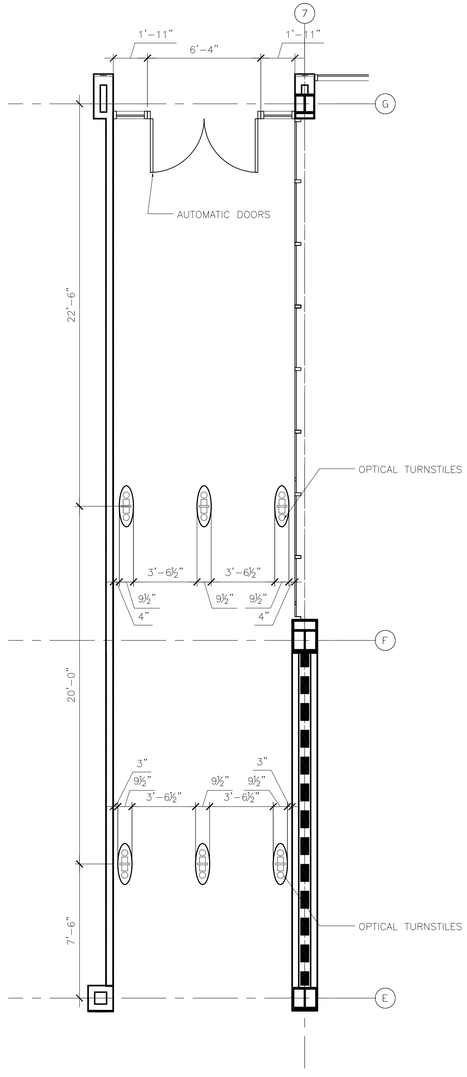
AEP PROJECT NUMBER
213-1882-091

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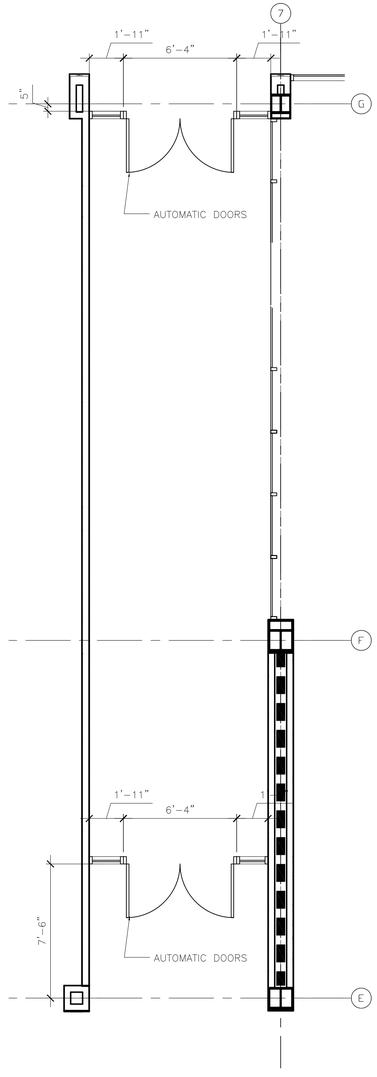
SHEET TITLE
PLAN DETAILS

SHEET NUMBER
A513

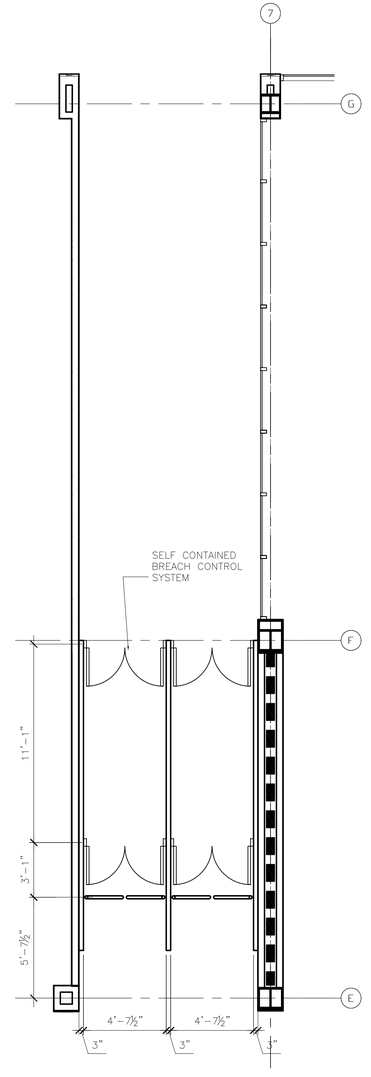
BID PACKAGE 2C



3 OPTION C
1/4" = 1'-0"



2 OPTION B
1/4" = 1'-0"



1 OPTION A
1/4" = 1'-0"

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
1	BP2B ADDENDUM 1	9.2.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

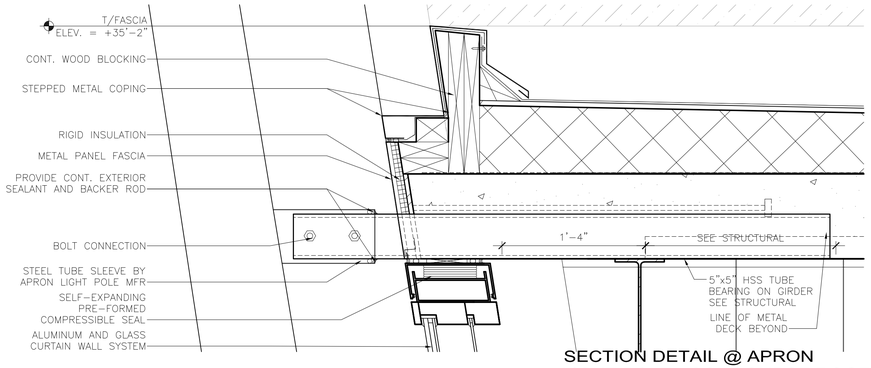
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SHEET TITLE
PLAN DETAILS EXIT CORRIDOR ALTERNATIVES

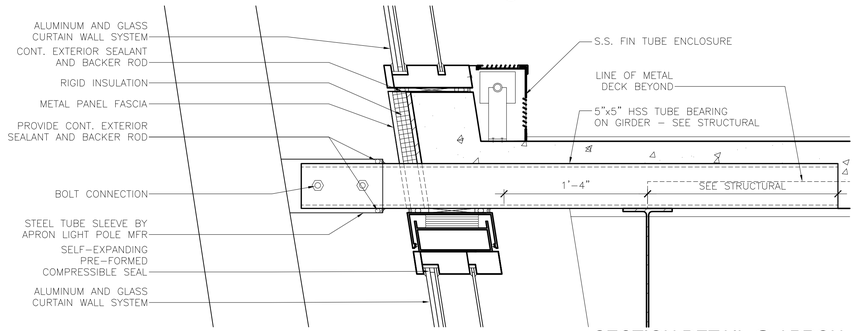
SHEET NUMBER
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BID PACKAGE 2C

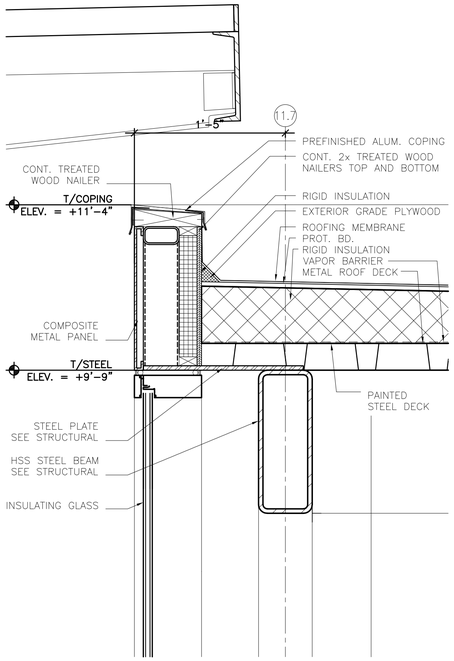
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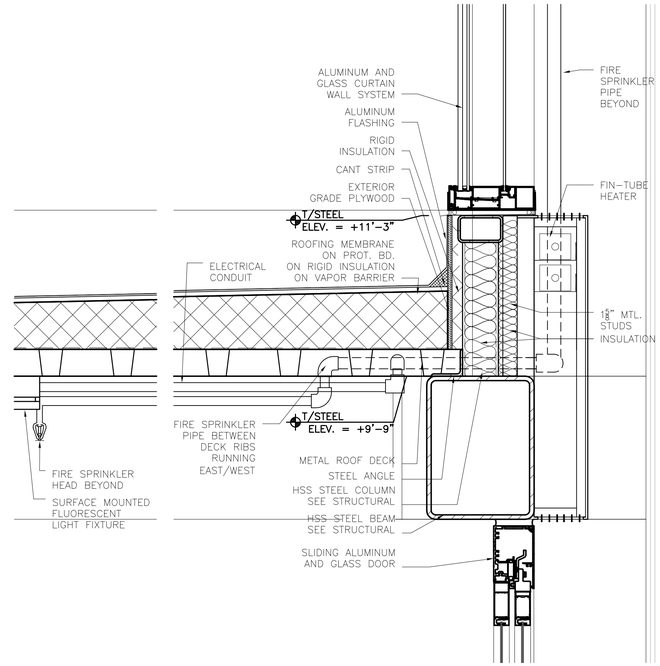
6 SECTION DETAIL @ APRON LIGHT POLE - CONCOURSE ROOF
1 1/2" = 1'-0"



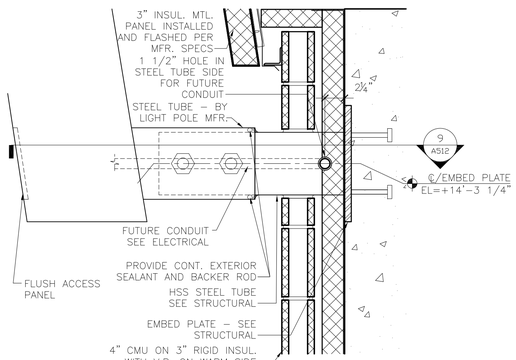
7 SECTION DETAIL @ APRON LIGHT POLE - THIRD FLOOR
1 1/2" = 1'-0"



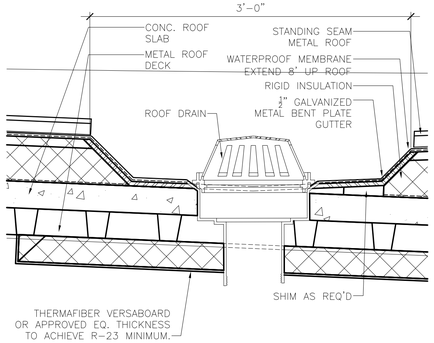
3 SECTION DETAIL @ VESTIBULE
1 1/2" = 1'-0"



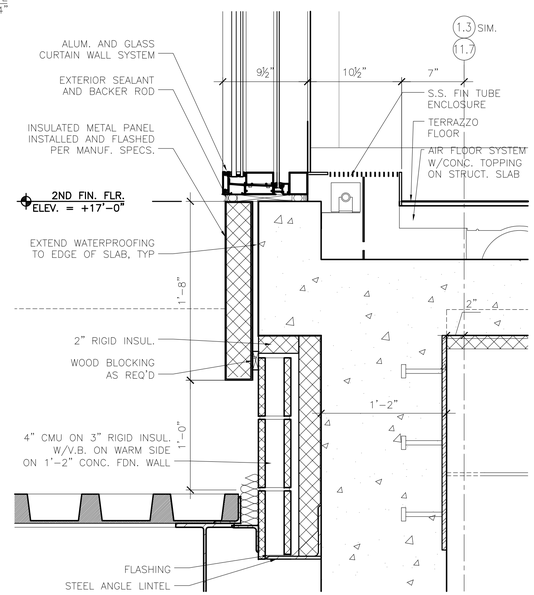
1 SECTION DETAIL @ VESTIBULE
1 1/2" = 1'-0"



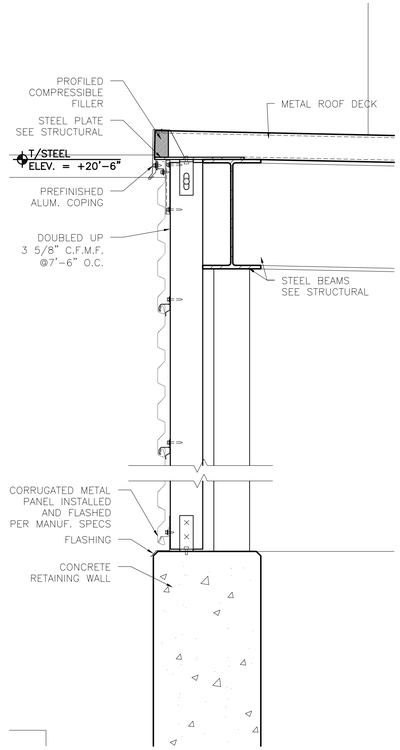
8 SECTION DETAIL @ APRON LIGHT POLE BASE CONNECTION
1 1/2" = 1'-0"



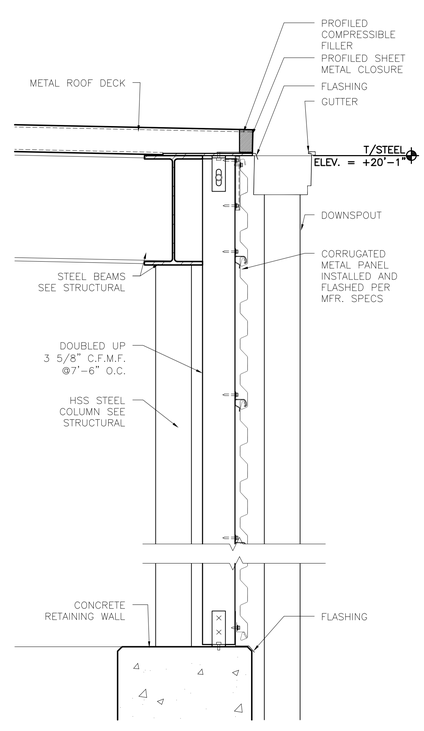
9 SECTION DETAIL @CURVED ROOF TRENCH DRAIN
1 1/2" = 1'-0"



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"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

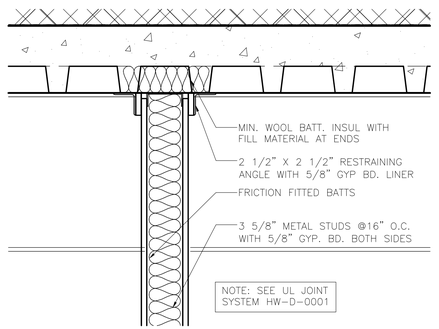
AEP PROJECT NUMBER
213-1882-091

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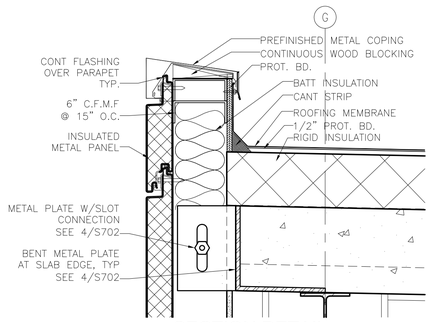
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
A520

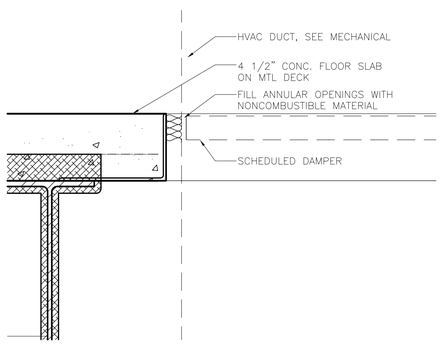
BID PACKAGE 2C



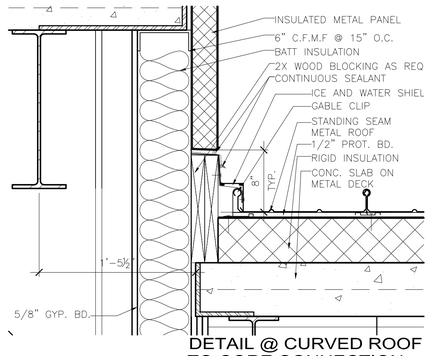
12 TYP. FIRE BARRIER WALL HEAD
1 1/2" = 1'-0"



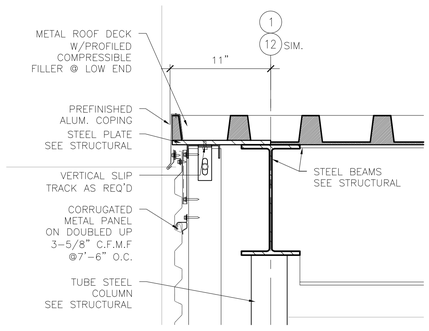
8 SECTION DETAIL @ TYP. CORE ROOF PARAPET
NOT TO SCALE



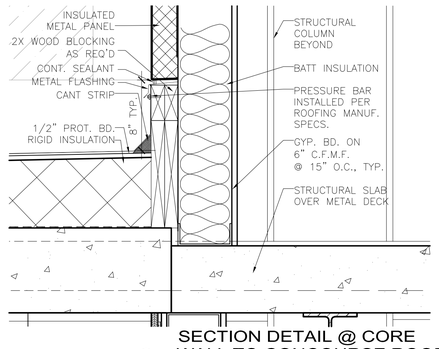
5 TYP. WALL HEAD @ SHAFT
1 1/2" = 1'-0"



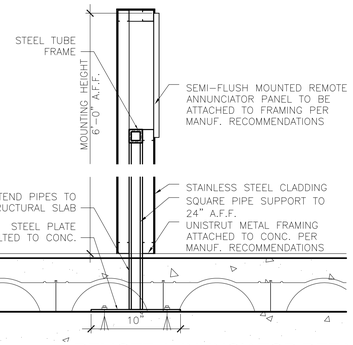
1 DETAIL @ CURVED ROOF TO CORE CONNECTION
1 1/2" = 1'-0"



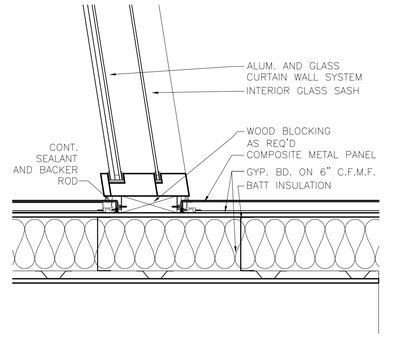
13 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



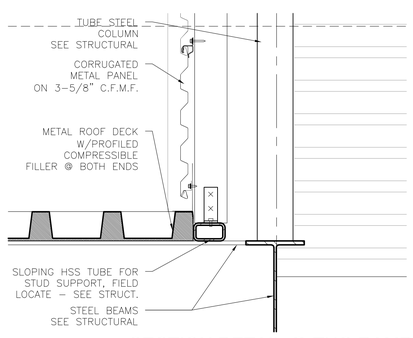
9 SECTION DETAIL @ CORE WALL TO CONCOURSE ROOF
NOT TO SCALE



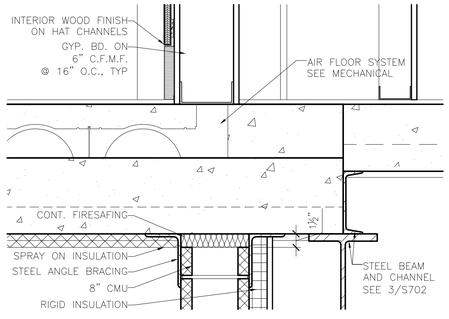
6 REMOTE ANNUNCIATOR DETAIL
1 1/2" = 1'-0"



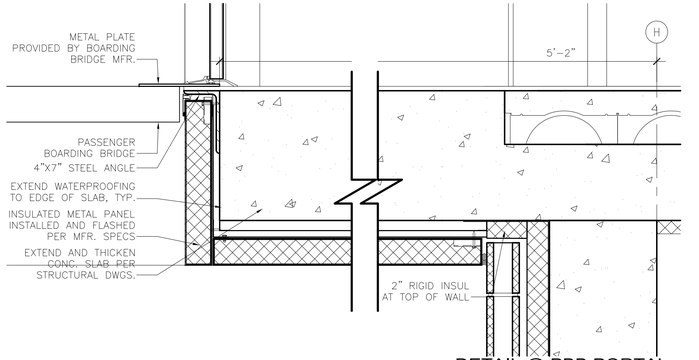
2 DETAIL @ PBB PORTAL
1 1/2" = 1'-0"



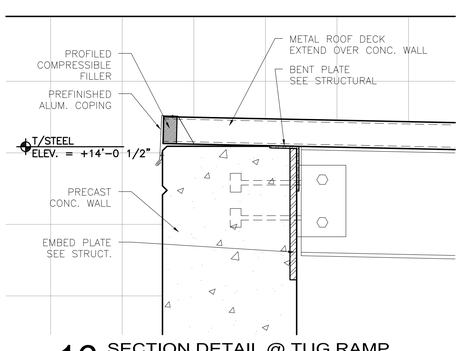
14 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



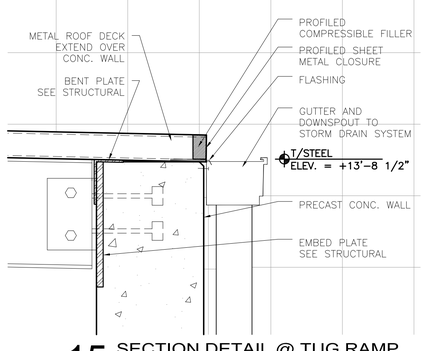
10 SECTION DETAIL @ SECOND FLOOR SLAB TRANSITION
NOT TO SCALE



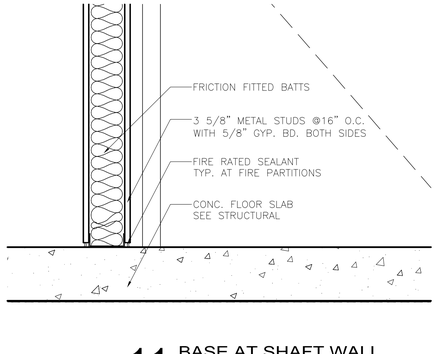
3 DETAIL @ PBB PORTAL
1 1/2" = 1'-0"



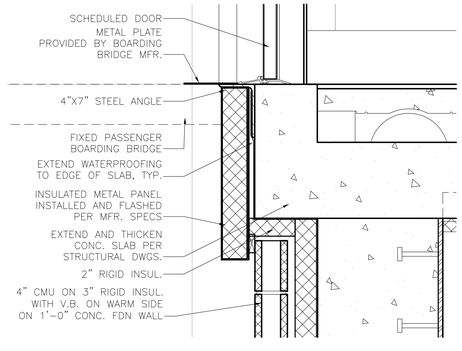
16 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



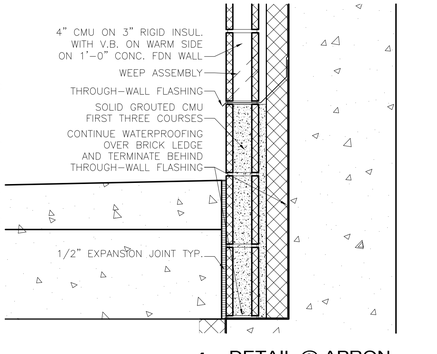
15 SECTION DETAIL @ TUG RAMP
1 1/2" = 1'-0"



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"

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Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

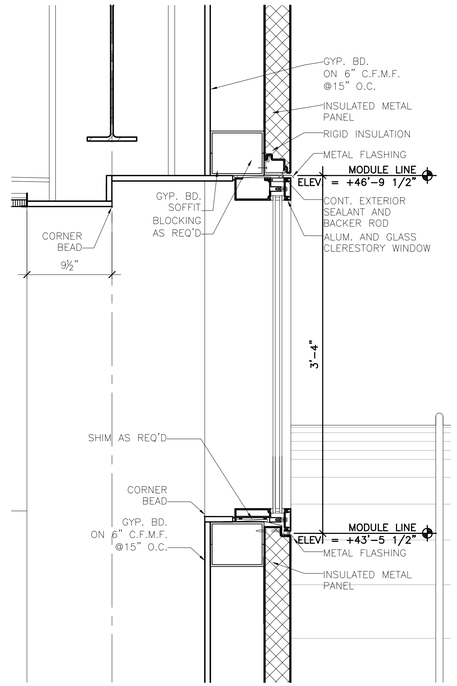
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SHEET TITLE
SECTION DETAILS

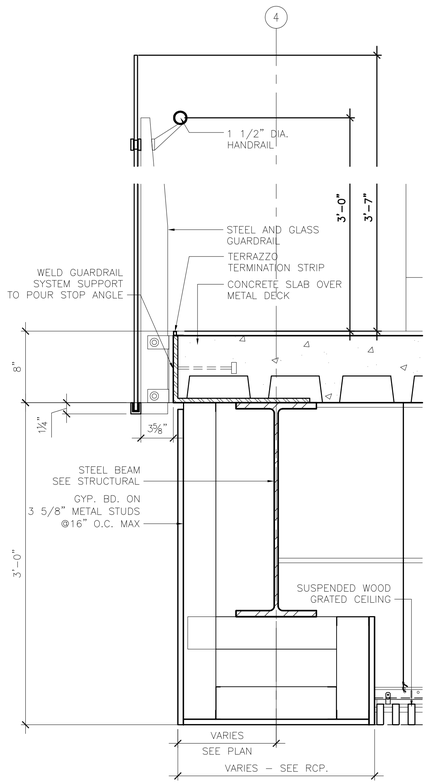
SHEET NUMBER
A521

BID PACKAGE 2C

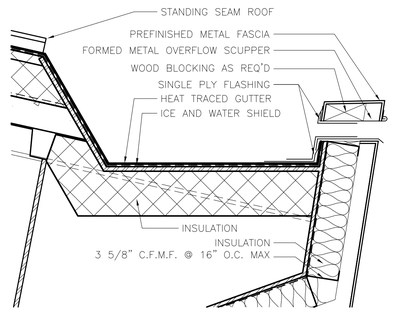
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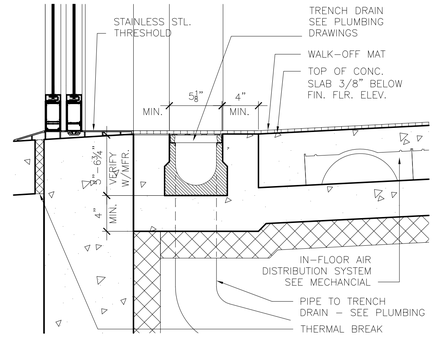
12 SECTION DETAIL @ THIRD FLR CLERESTORY
1 1/2" = 1'-0"



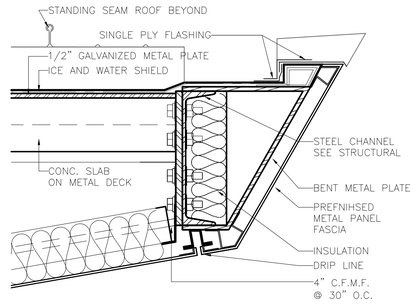
9 SECTION DETAIL @ MEZZANINE
1 1/2" = 1'-0"



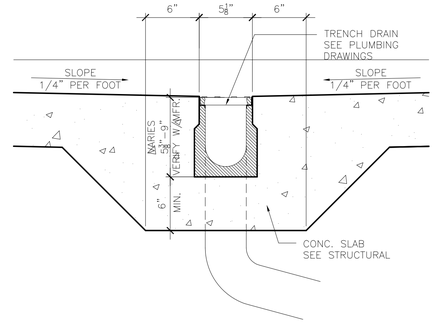
5 SCUPPER DETAIL @ EAST GUTTER
1 1/2" = 1'-0"



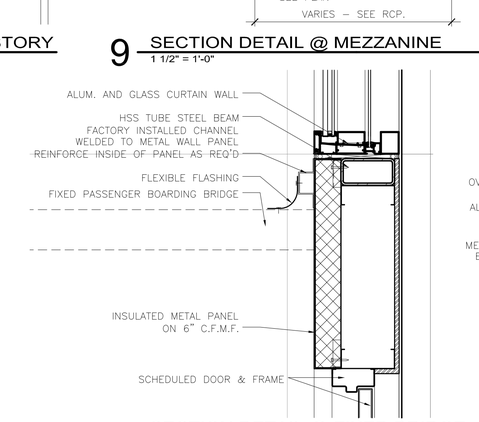
1 DETAIL @ VESTIBULE TRENCH DRAIN
1 1/2" = 1'-0"



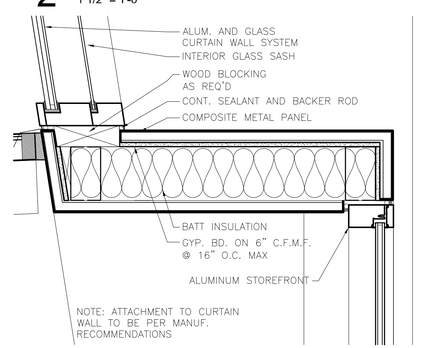
6 SCUPPER DETAIL @ SOUTH GUTTER
1 1/2" = 1'-0"



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

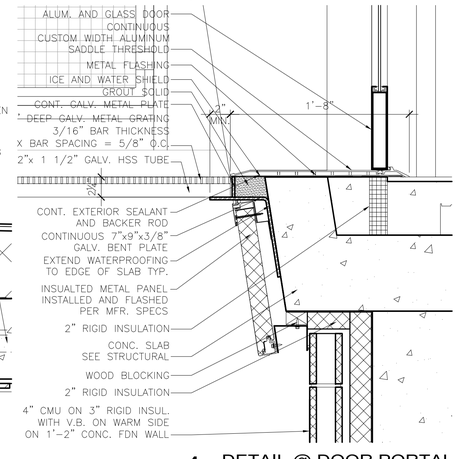


7 SCUPPER DETAIL @ NORTH LOW ROOF
1 1/2" = 1'-0"

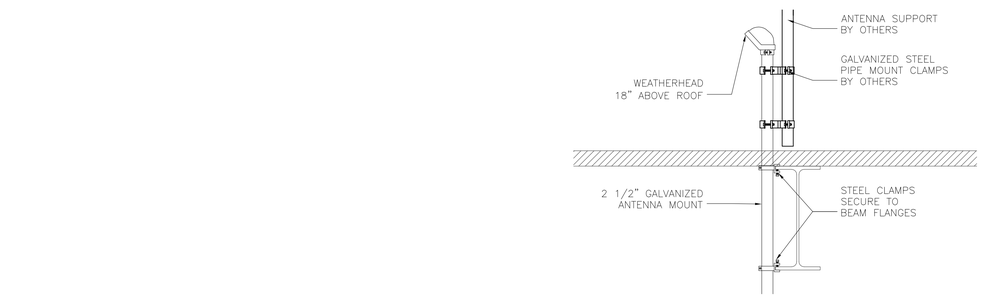


3 DETAIL @ DOOR PORTAL
1 1/2" = 1'-0"

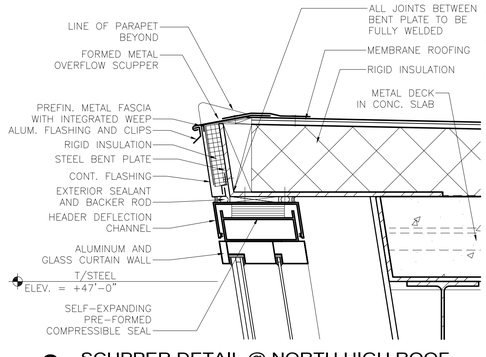
10 SECTION DETAIL @ FIXED BRIDGE
1 1/2" = 1'-0"



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



11 ANTENNA SUPPORT DETAIL
NOT TO SCALE



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

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NEW PASSENGER TERMINAL

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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
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
5	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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DESIGNED BY: TC

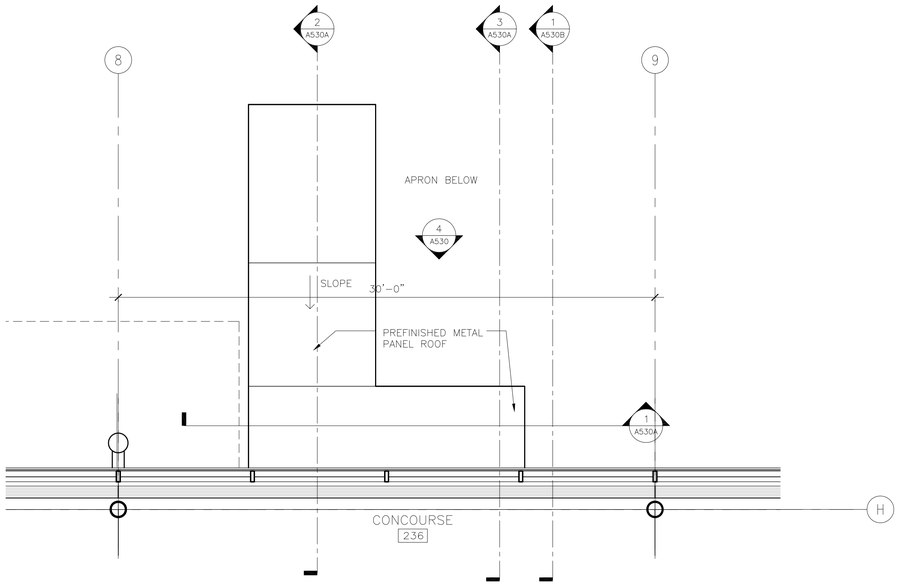
AEP PROJECT NUMBER
213-1882-091

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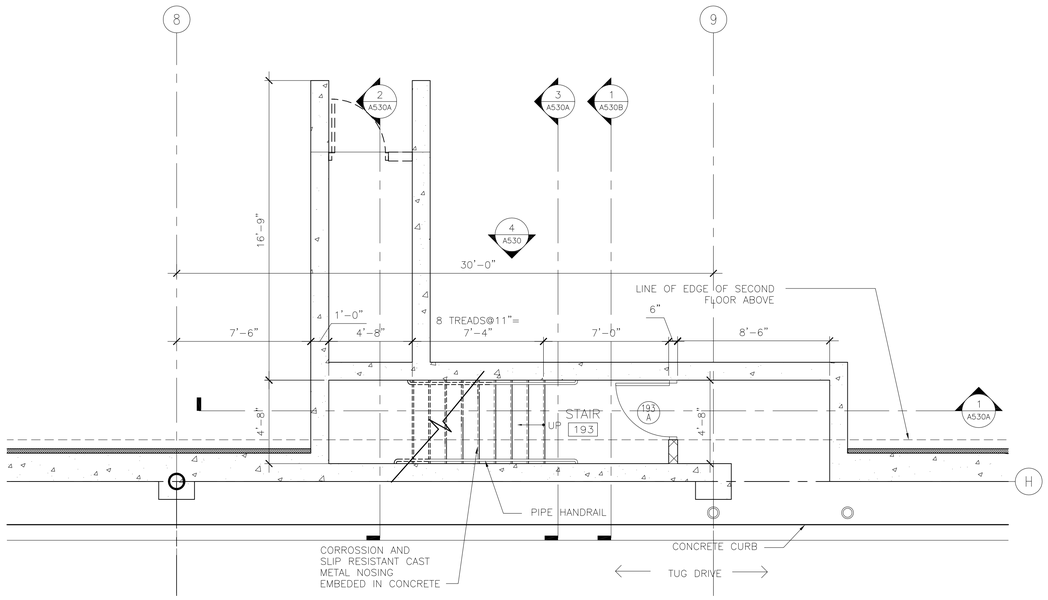
SHEET TITLE
SECTION DETAILS

SHEET NUMBER
A522

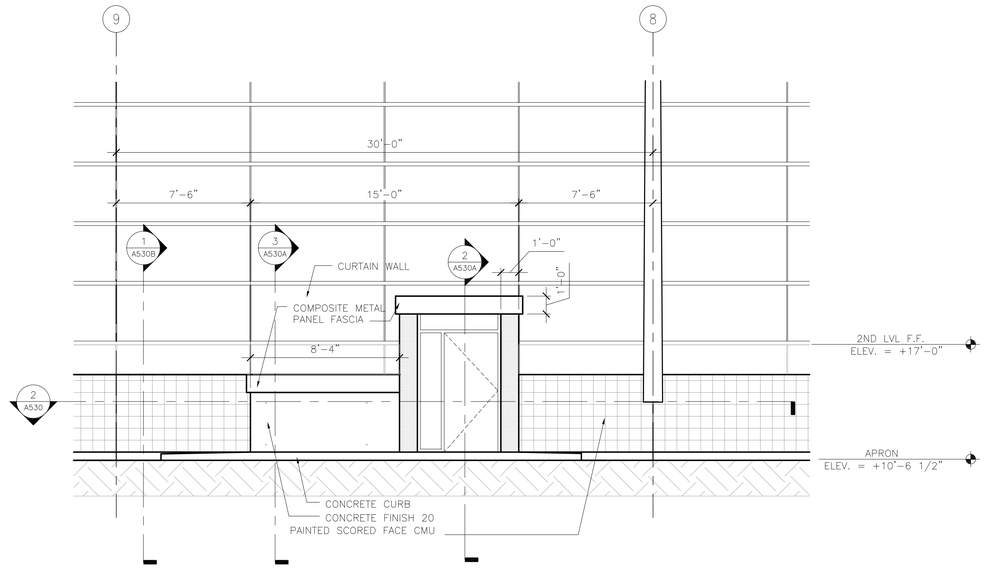
BID PACKAGE 2C



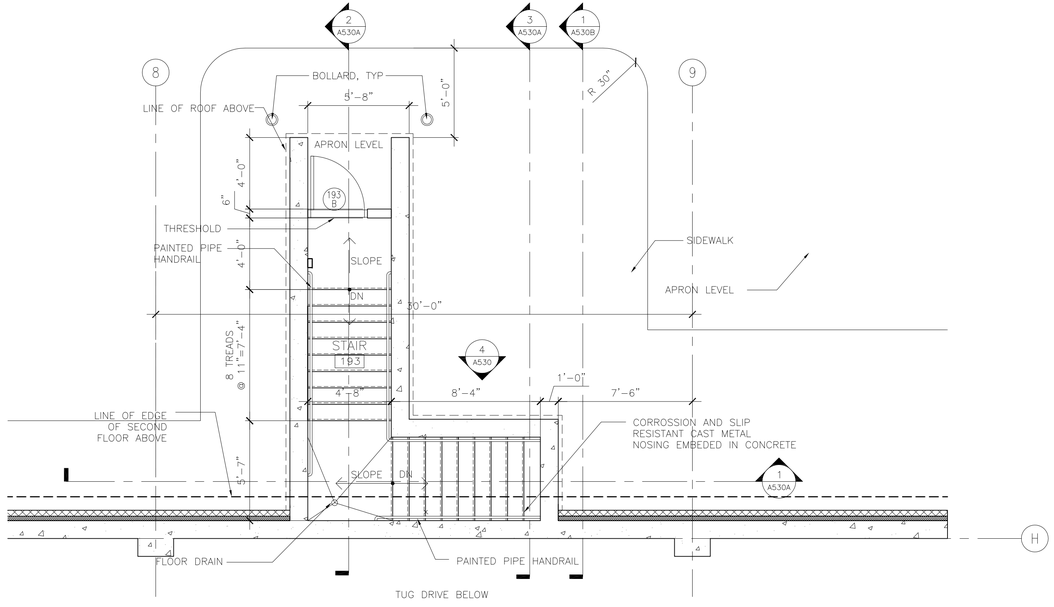
3 SECOND LEVEL PARTIAL FLOOR PLAN AND STAIR ROOF PLAN
1/4" = 1'-0"



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"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

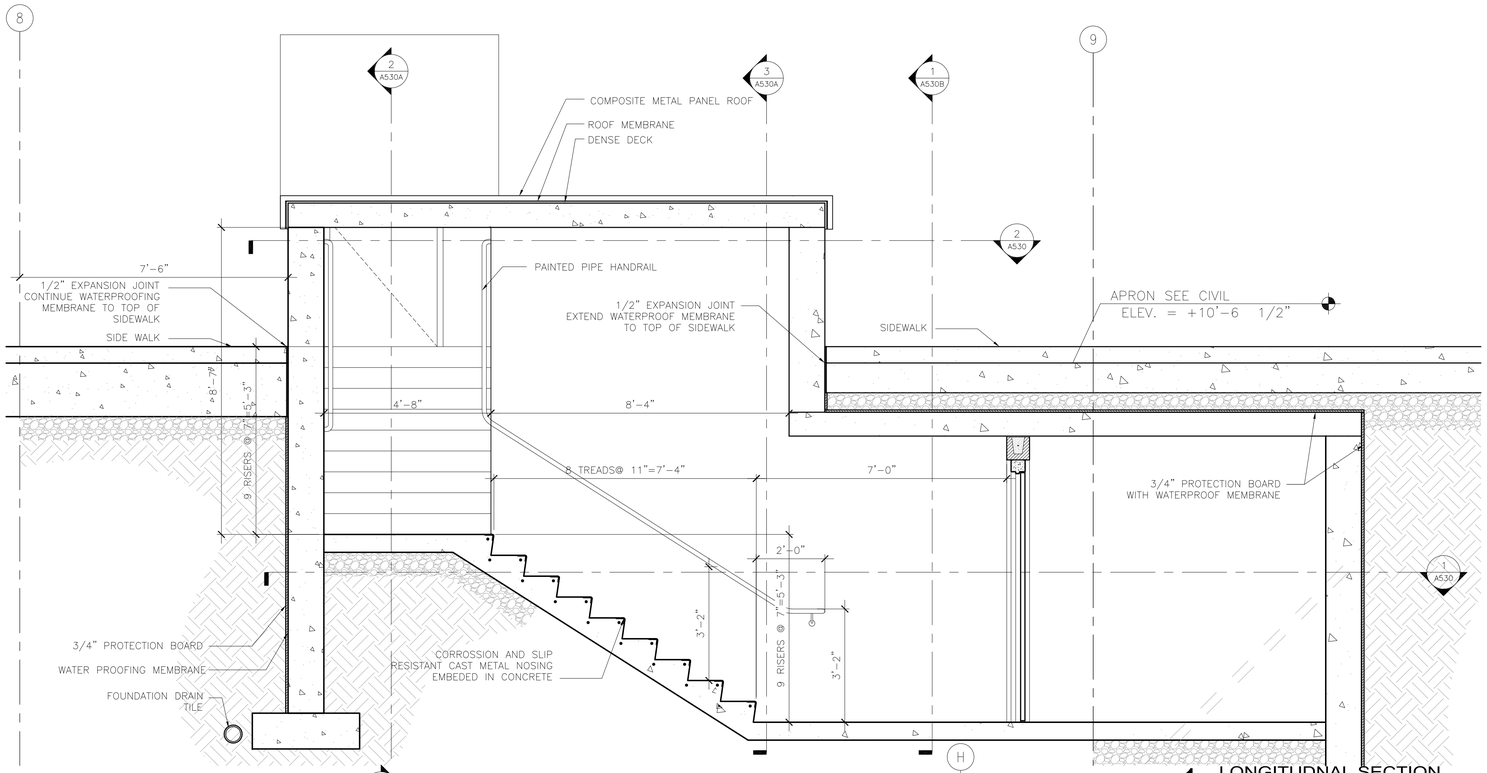
EXTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER

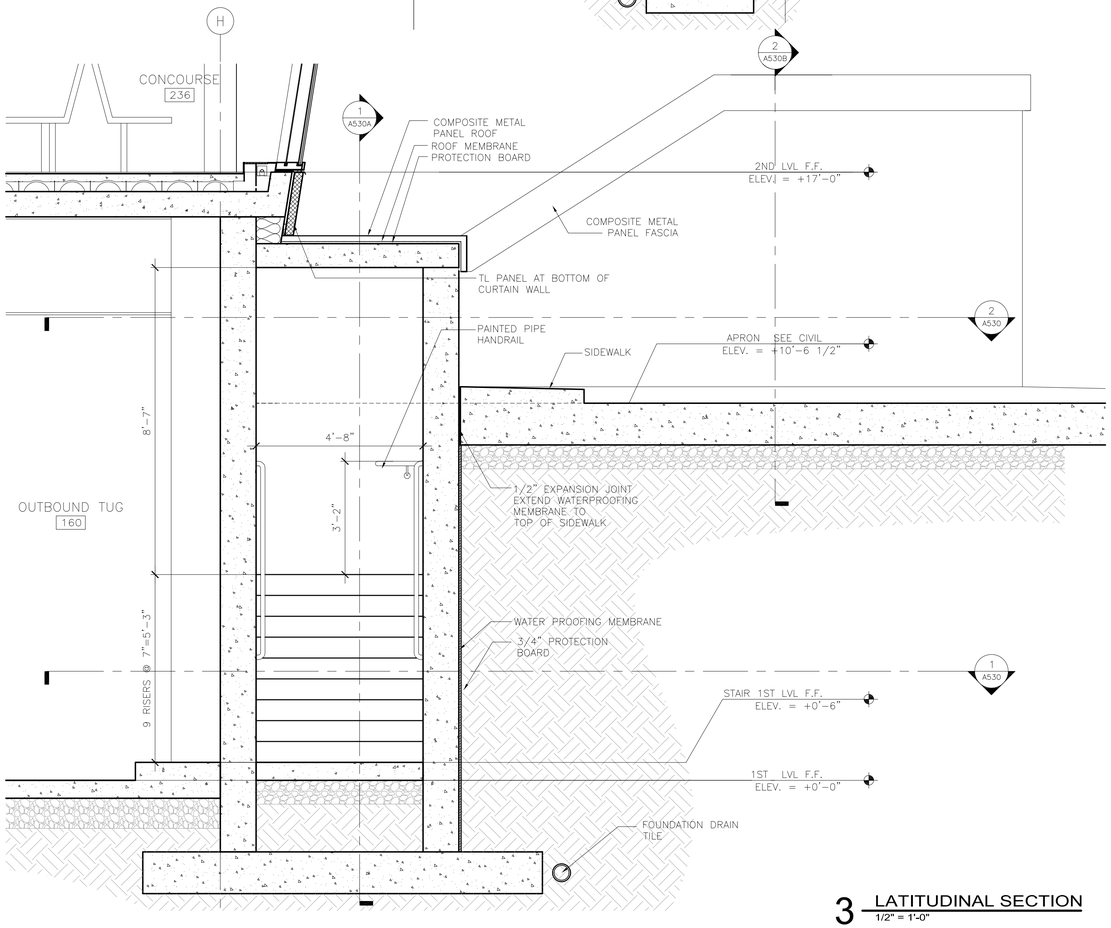
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BID PACKAGE 2C

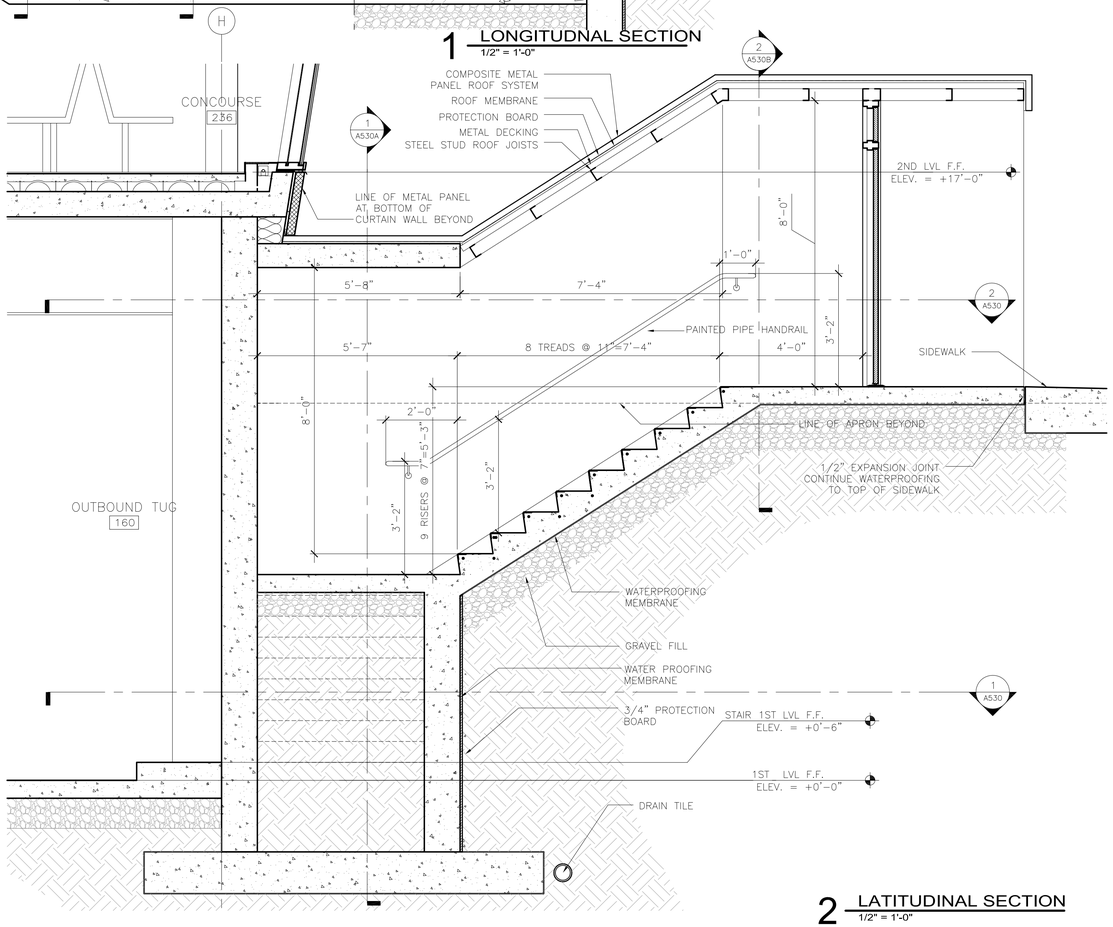
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1 LONGITUDNAL SECTION
1/2" = 1'-0"



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



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

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REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
5	BUILDING PERMIT REVISIONS	2.15.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

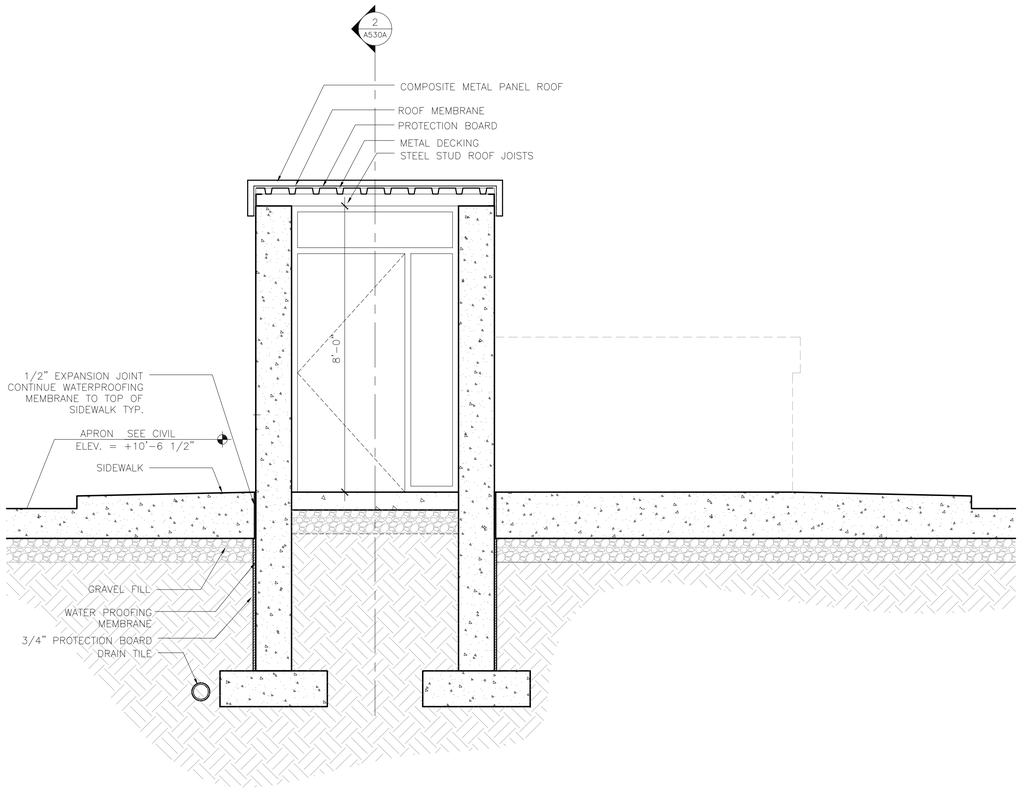
EXTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER

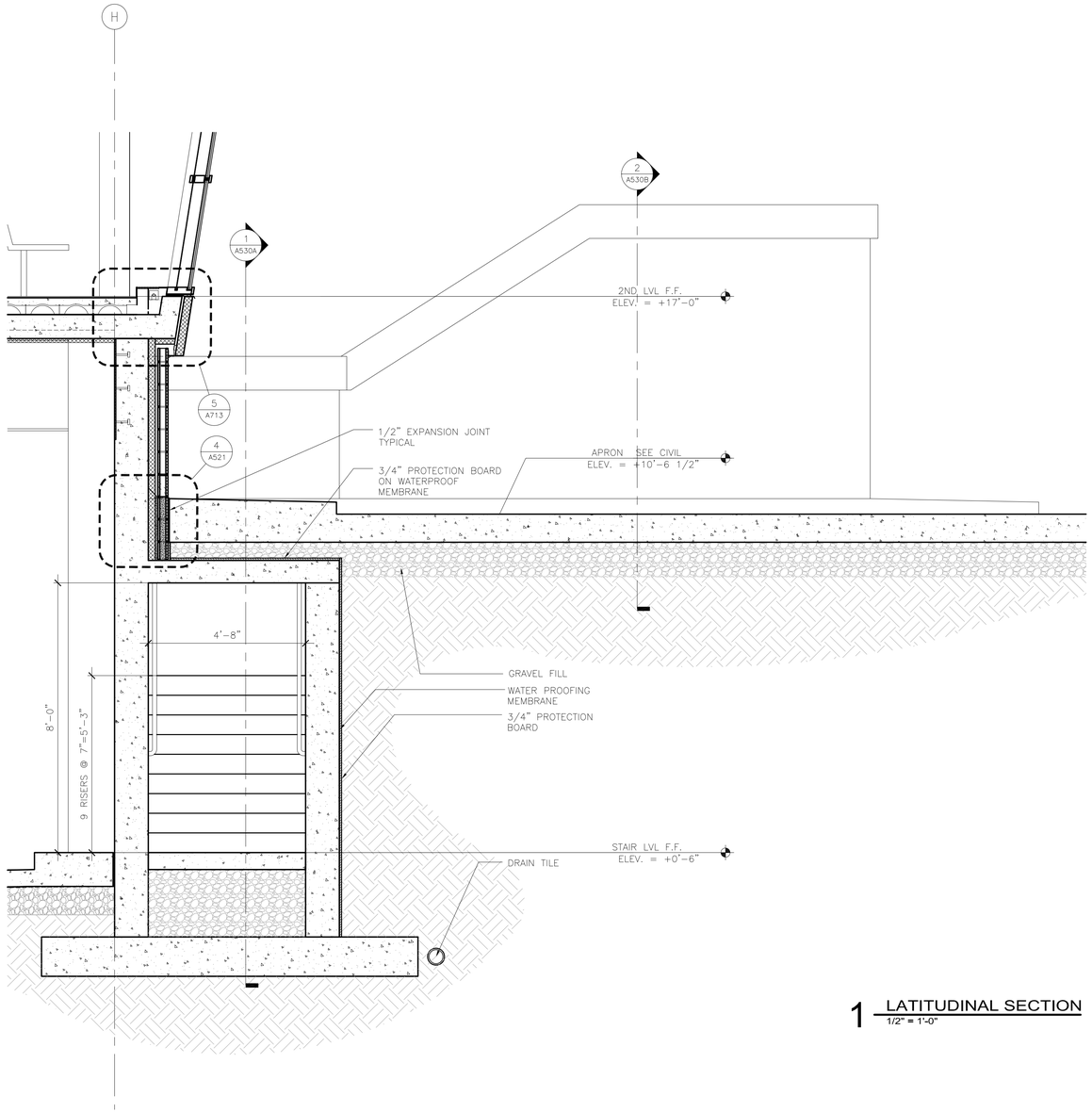
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BID PACKAGE 2C

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



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

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

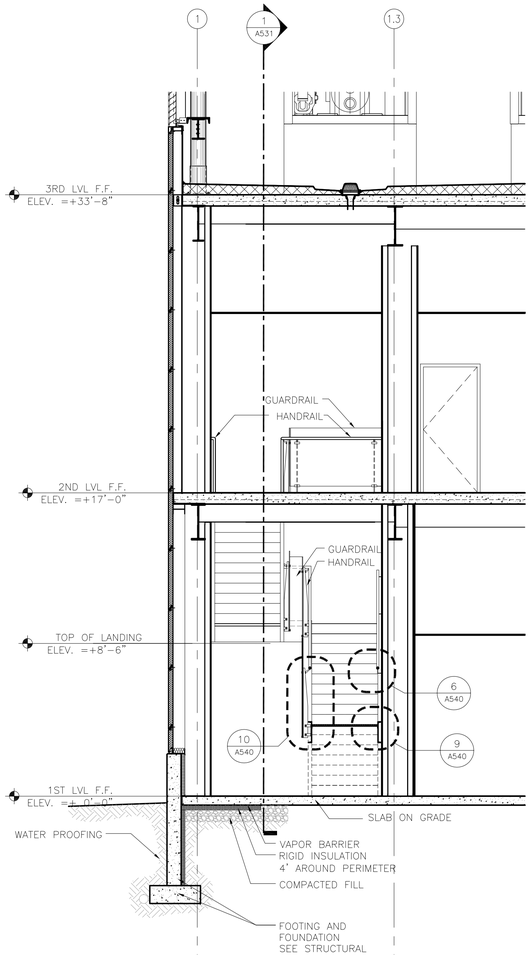
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SHEET TITLE
EXTERIOR SYSTEMS VERTICAL CIRCULATION

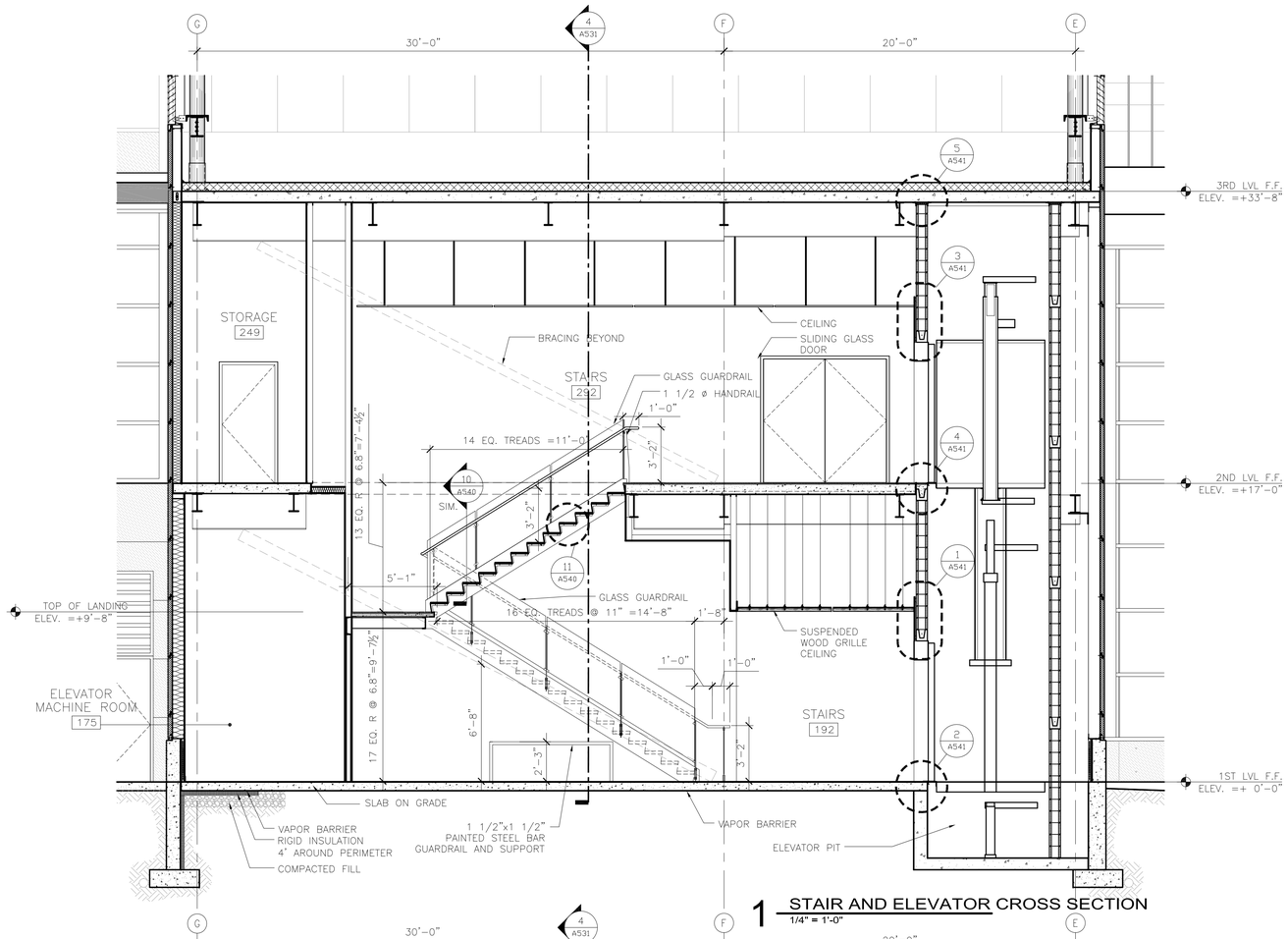
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BID PACKAGE 2C

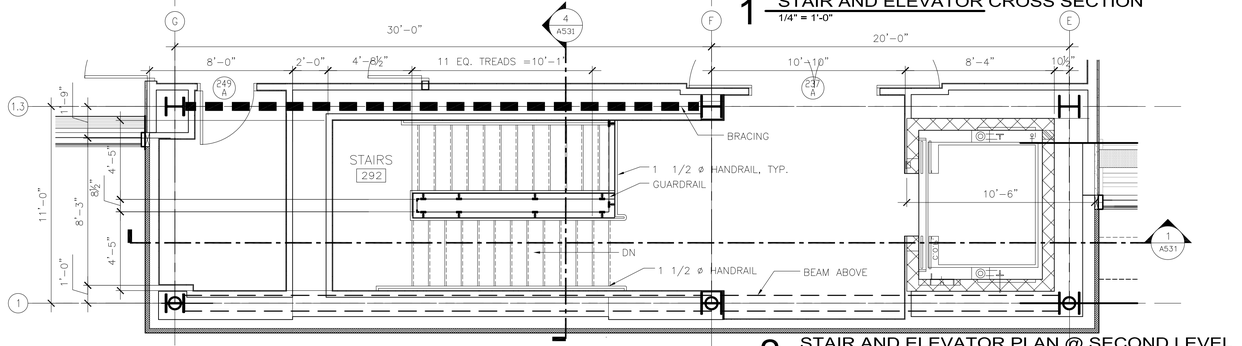
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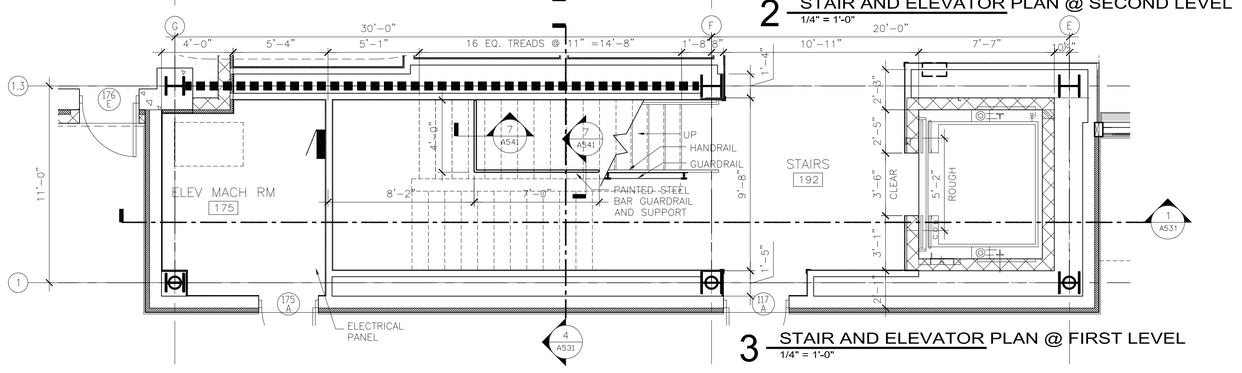
4 STAIR LONGITUDNAL SECTION
1/4" = 1'-0"



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"

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4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
5	RFP-213	1.18.12
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKI/MKG
DESIGNED BY: TC

AIP PROJECT NUMBER
213-1882-091
XXX DAI

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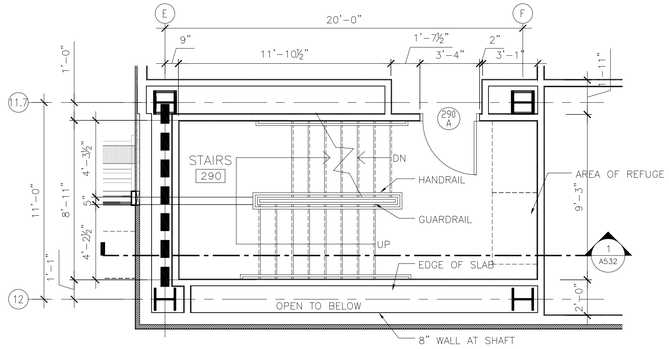
SHEET TITLE

INTERIOR SYSTEMS VERTICAL CIRCULATION

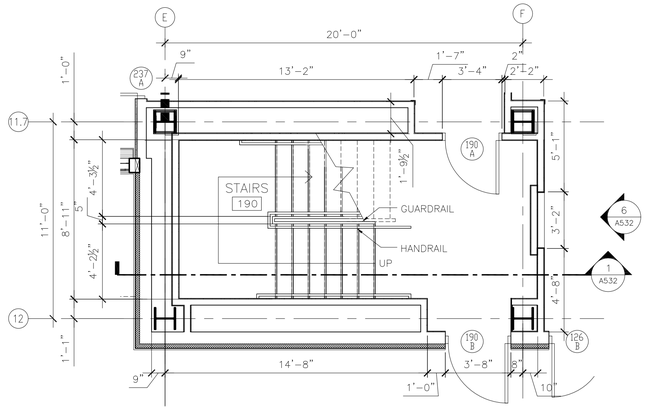
SHEET NUMBER

A531

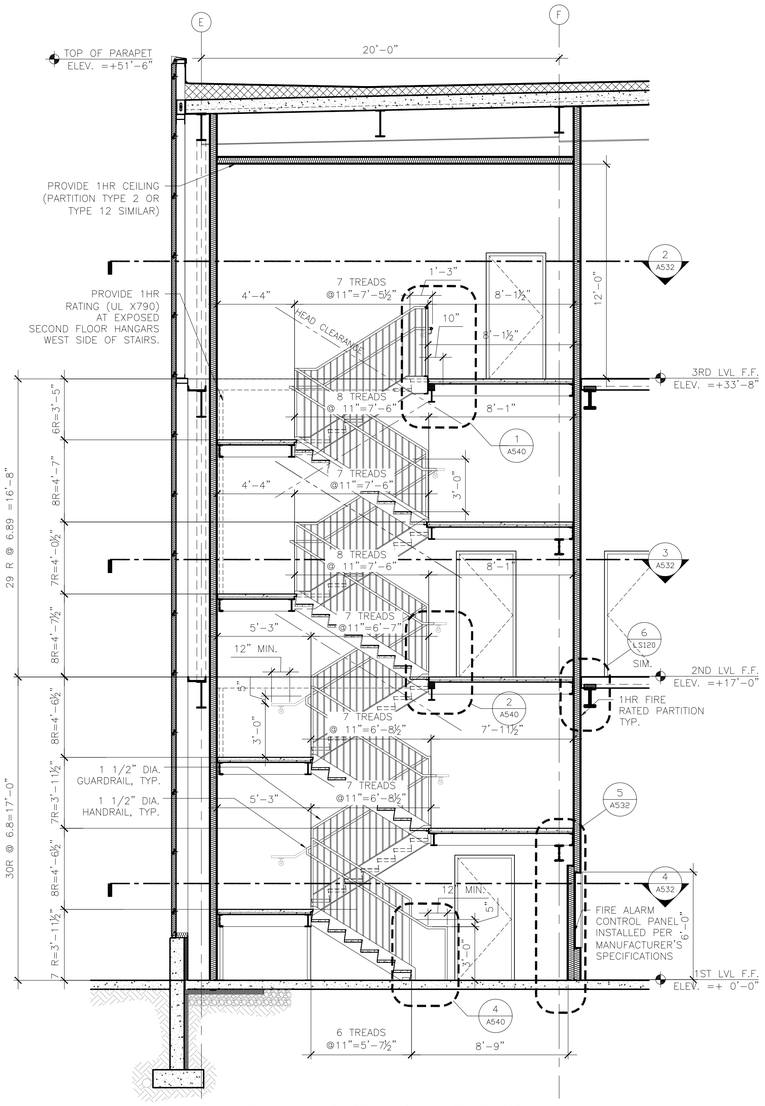
BID PACKAGE 2C



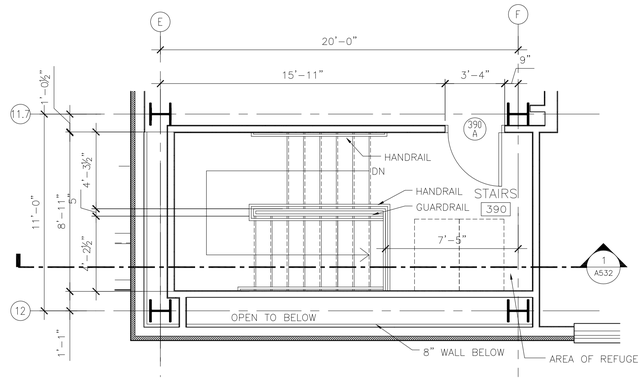
3 STAIR PLAN @ SECOND LEVEL
1/4" = 1'-0"



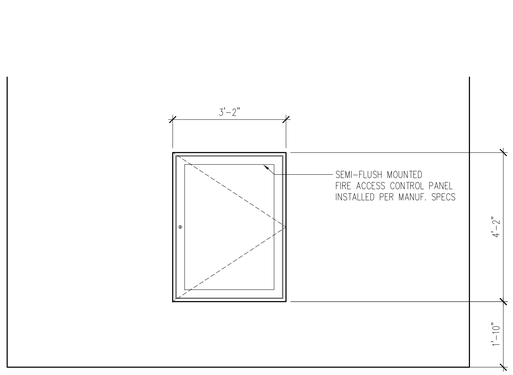
4 STAIR PLAN @ FIRST LEVEL
1/4" = 1'-0"



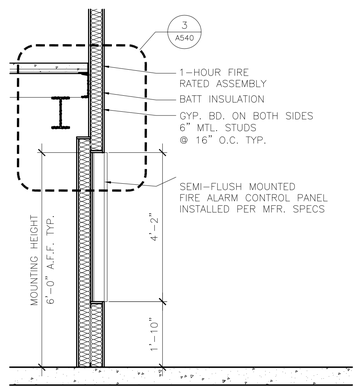
1 STAIR LONGITUDNAL SECTION
1/4" = 1'-0"



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



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



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

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NEW PASSENGER TERMINAL

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APPOLD DESIGN
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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

BID PACKAGE 1 5.12.10
FOUNDATION PERMIT 6.11.10
ADDENDUM 6.11.10

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK/MKI
DESIGNED BY: TC

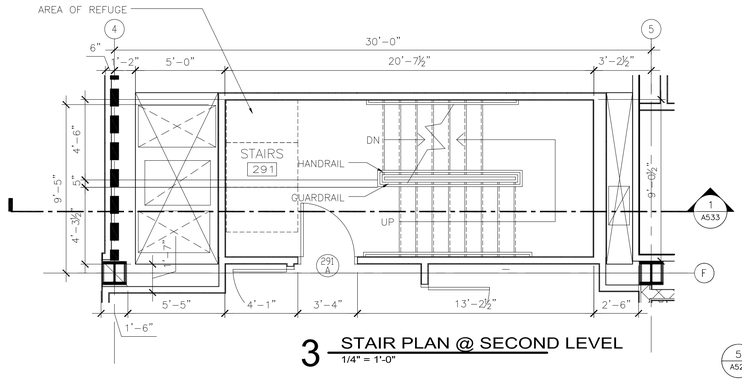
AEP PROJECT NUMBER
213-1882-091

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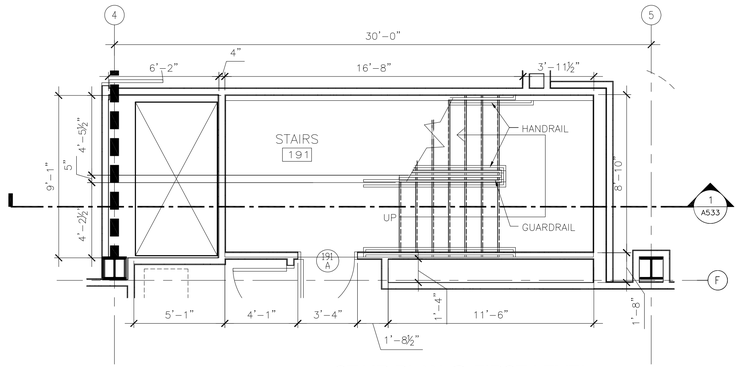
SHEET TITLE
INTERIOR SYSTEMS VERTICAL CIRCULATION

SHEET NUMBER
A532

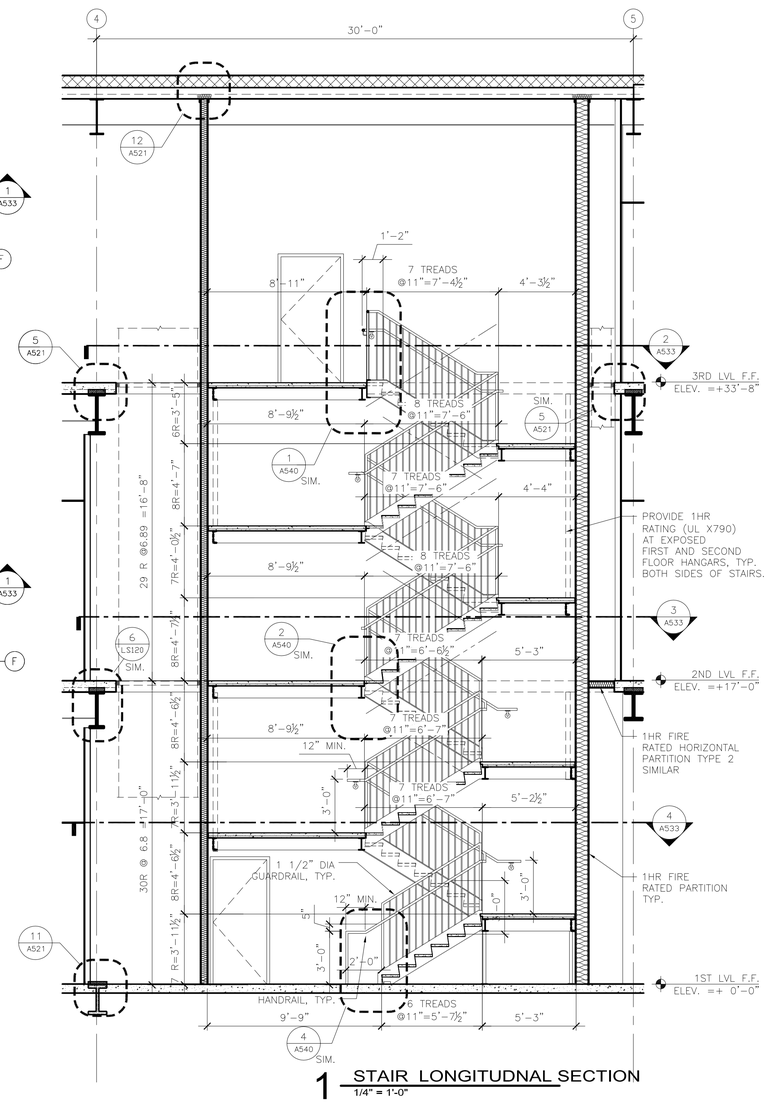
BID PACKAGE 2C



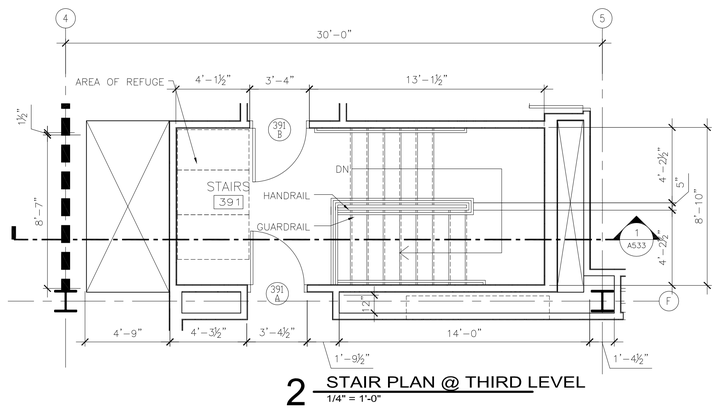
3 STAIR PLAN @ SECOND LEVEL
1/4" = 1'-0"



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"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKI/MK
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 2/9/2012-00 12:00p

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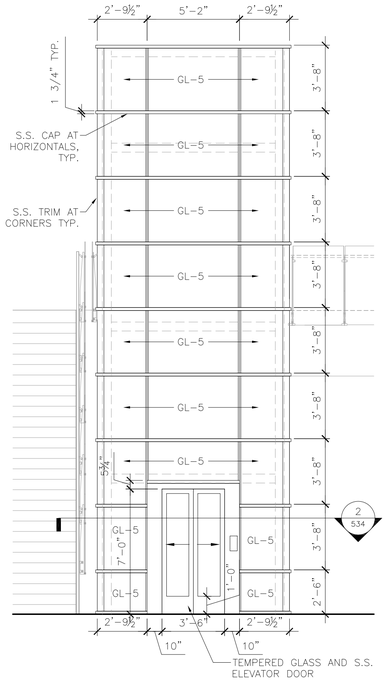
SHEET TITLE

INTERIOR SYSTEMS VERTICAL CIRCULATION

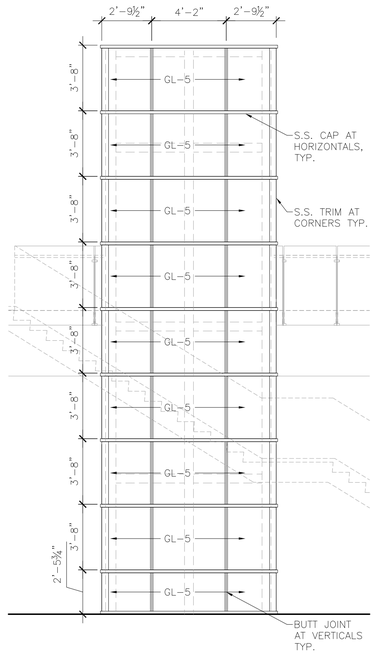
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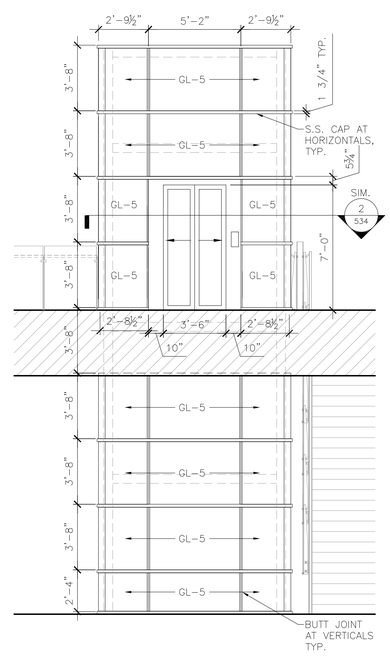
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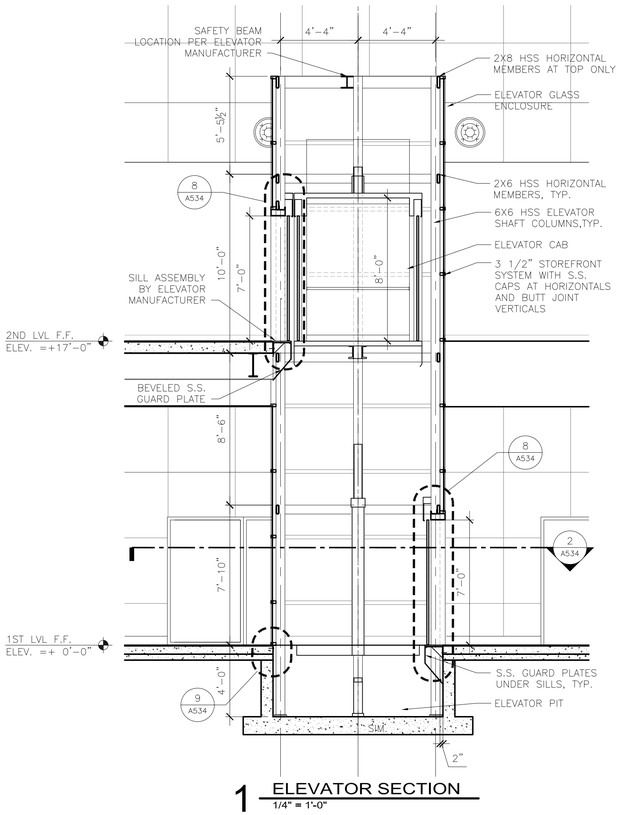
6 ELEVATOR EAST ELEVATION
1/4" = 1'-0"



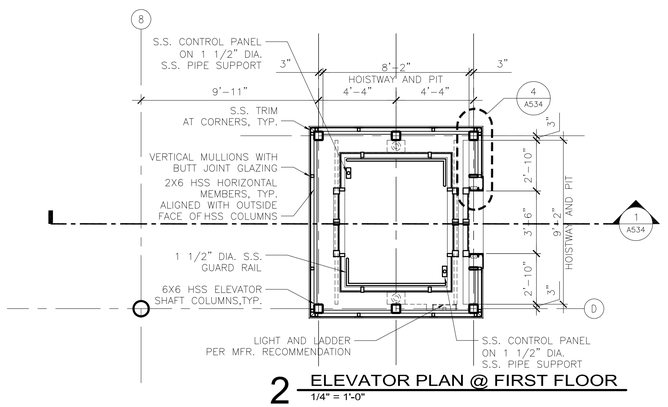
5 ELEVATOR SOUTH ELEVATION
1/4" = 1'-0"



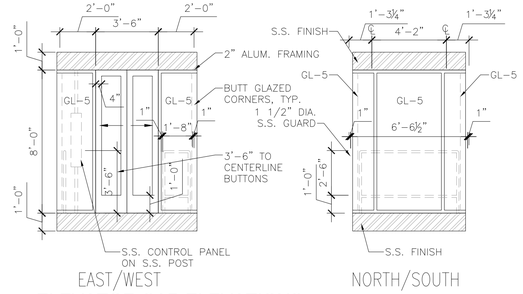
3 ELEVATOR WEST ELEVATION
1/4" = 1'-0"



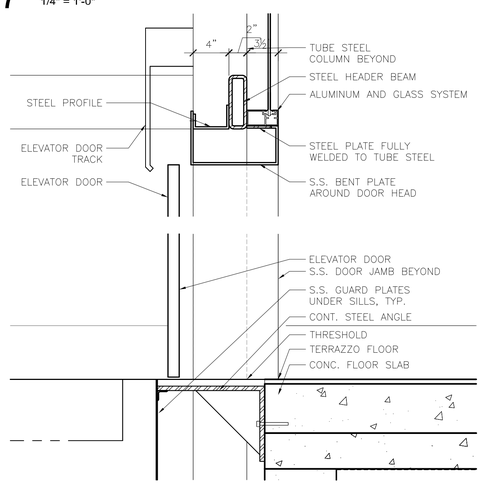
1 ELEVATOR SECTION
1/4" = 1'-0"



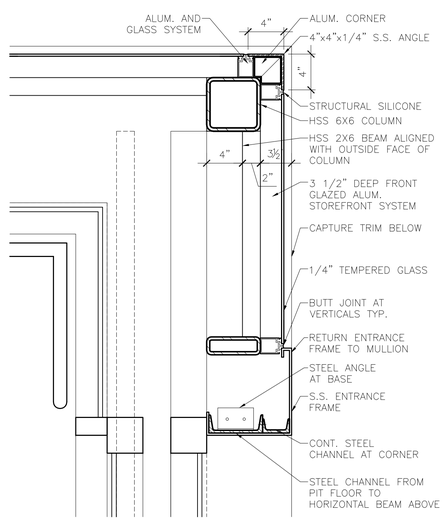
2 ELEVATOR PLAN @ FIRST FLOOR
1/4" = 1'-0"



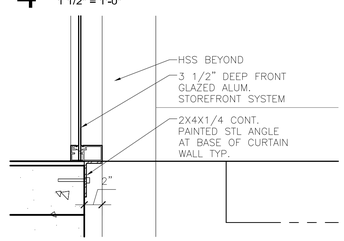
7 ELEVATOR CAB ELEVATIONS
1/4" = 1'-0"



8 TYP DETAIL AT DOOR
1 1/2" = 1'-0"



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



9 DETAIL AT CURTAIN WALL BASE
1 1/2" = 1'-0"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK/MP
DESIGNED BY: TC

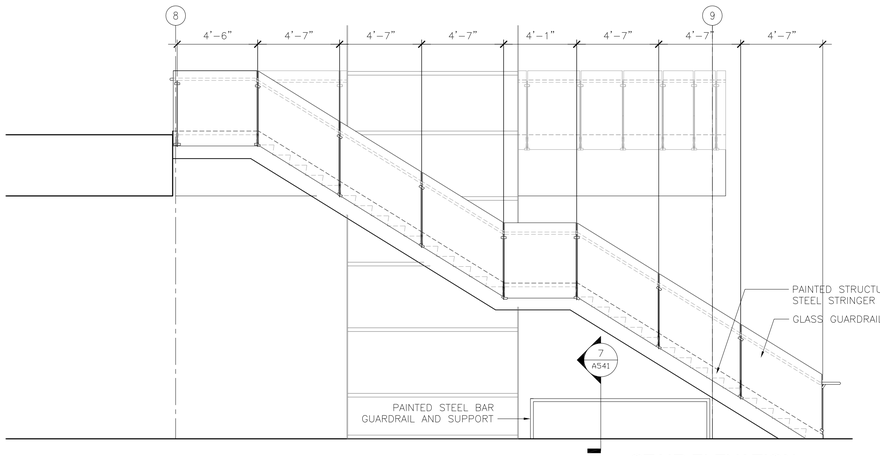
AEP PROJECT NUMBER
213-1882-091
XXX.DWG 2010-00 12:00p

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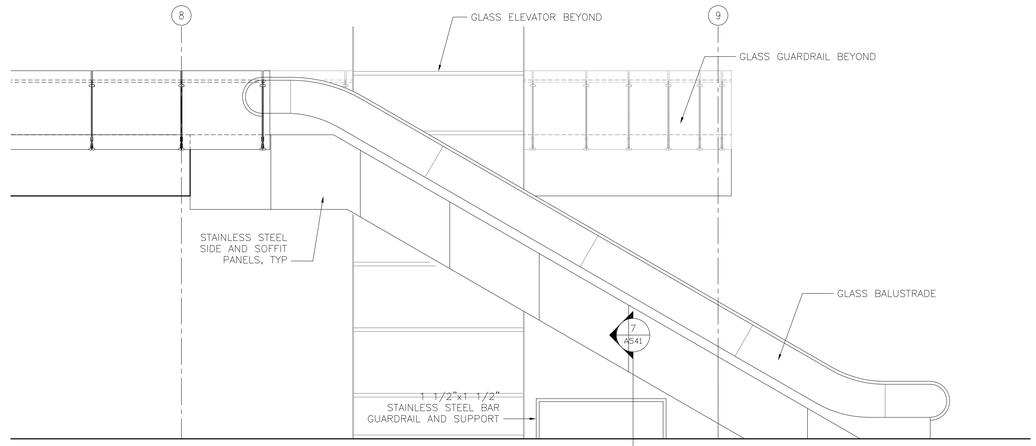
SHEET TITLE
INTERIOR SYSTEM SHEET MAIN ELEVATOR

SHEET NUMBER
A534

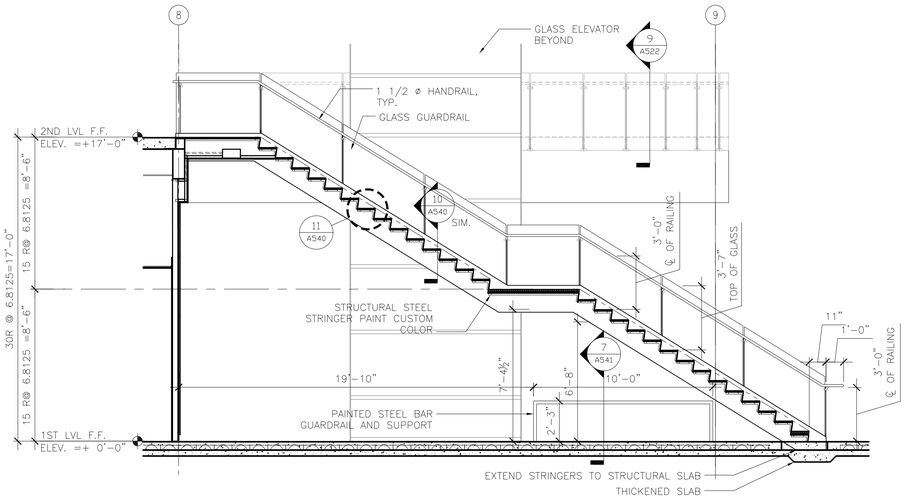
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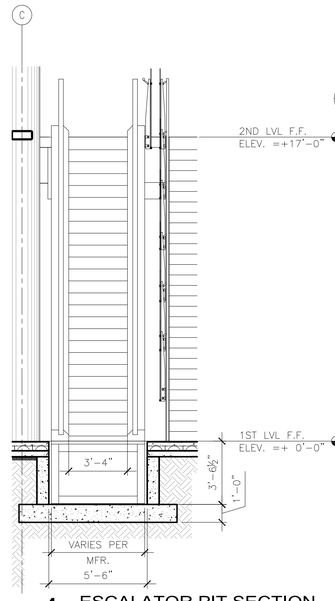
5 STAIR ELEVATION
1/4" = 1'-0"



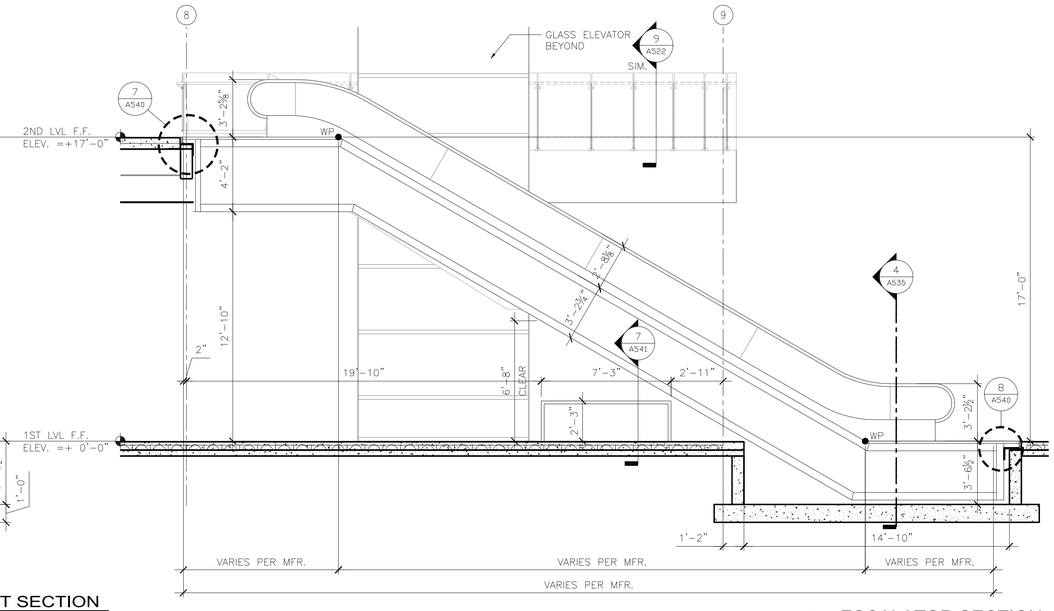
1 ESCALATOR ELEVATION
1/4" = 1'-0"



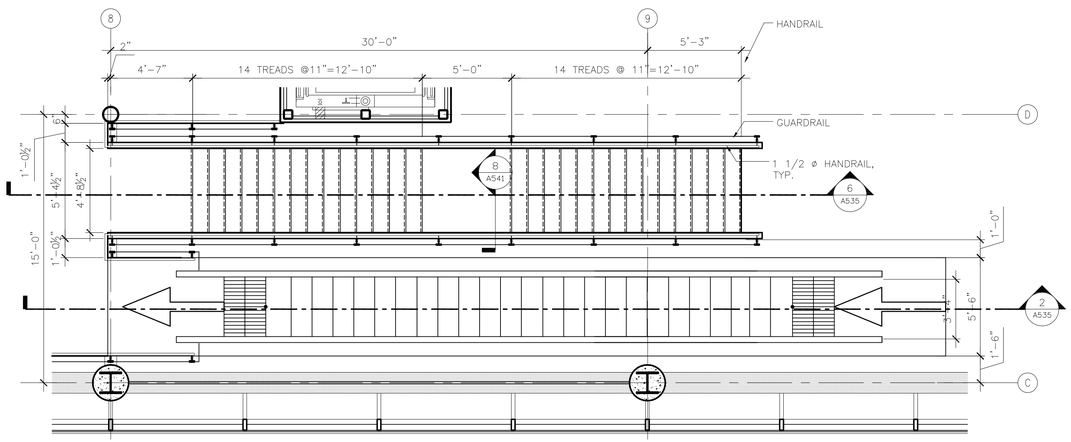
6 STAIR SECTION
1/4" = 1'-0"



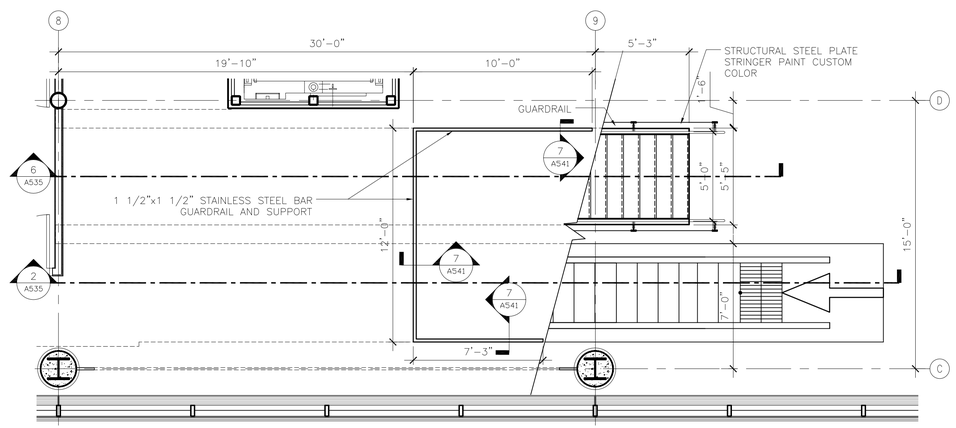
4 ESCALATOR PIT SECTION
1/4" = 1'-0"



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"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 2012-02-10 12:00p

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SHEET TITLE

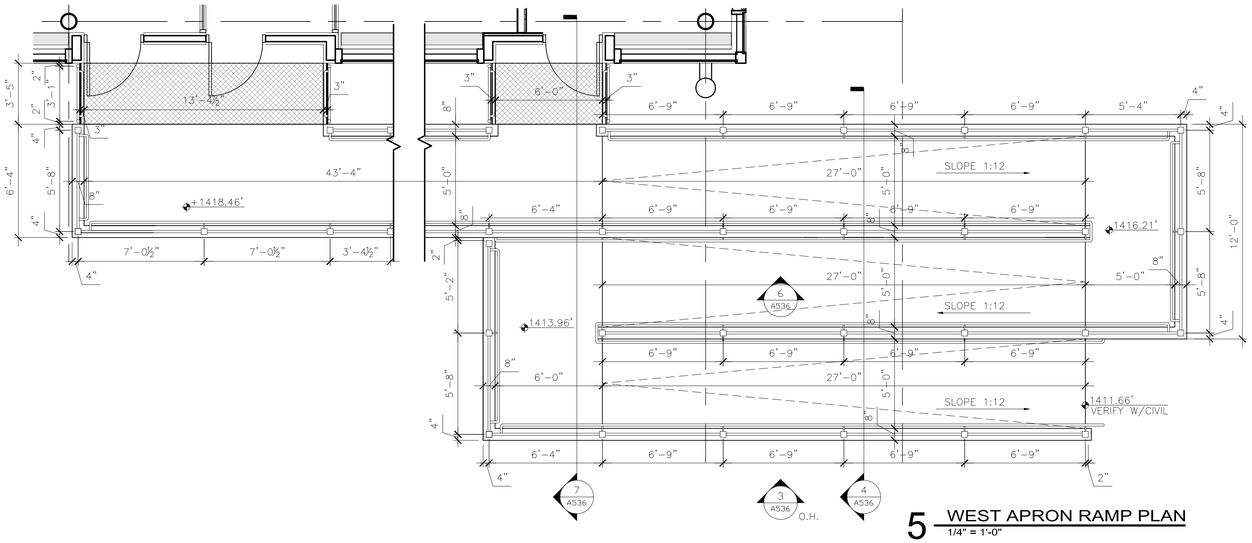
INTERIOR SYSTEM SHEET MAIN STAIR

SHEET NUMBER

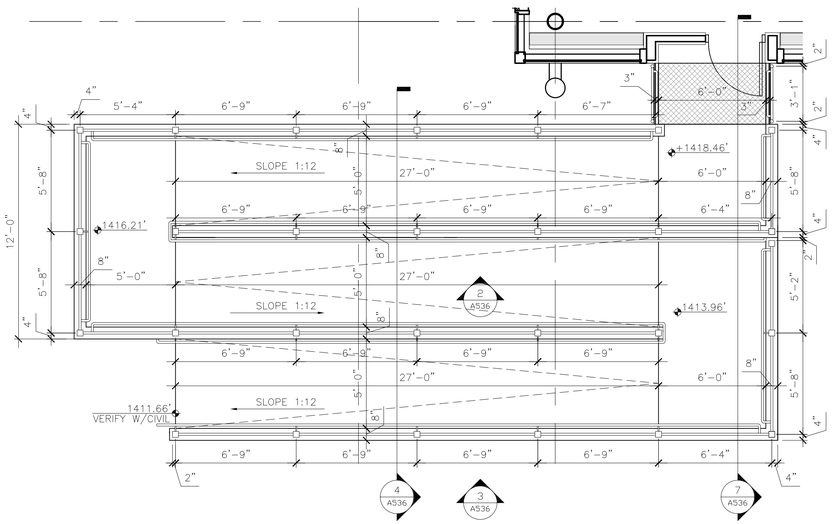
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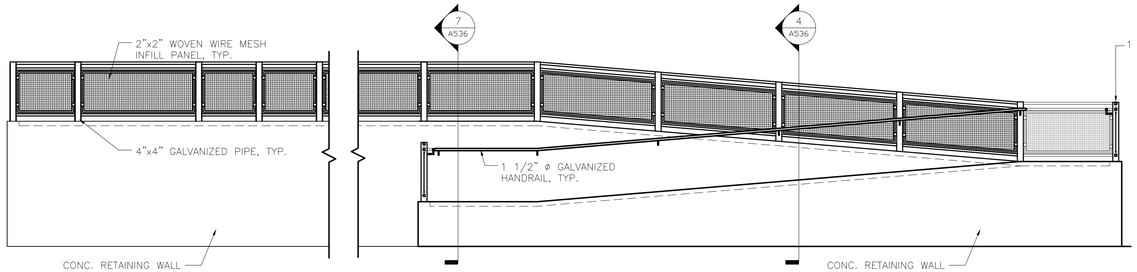
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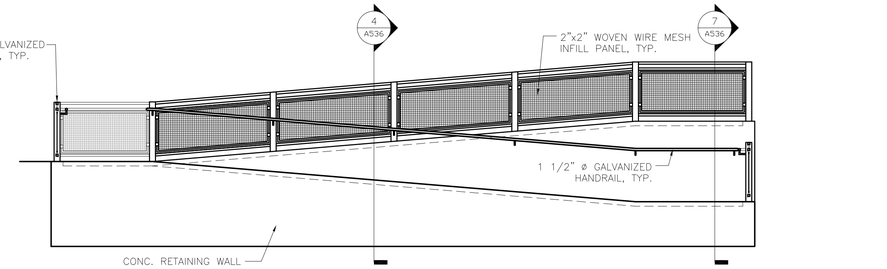
5 WEST APRON RAMP PLAN
1/4" = 1'-0"



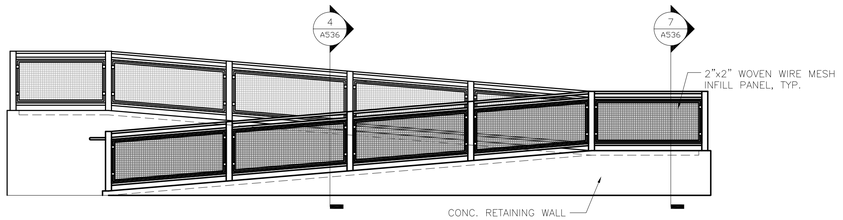
1 EAST APRON RAMP PLAN
1/4" = 1'-0"



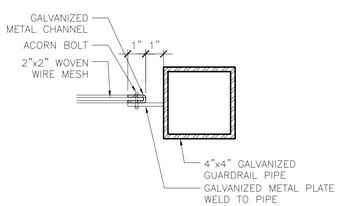
6 WEST APRON RAMP ELEVATION
1/4" = 1'-0"



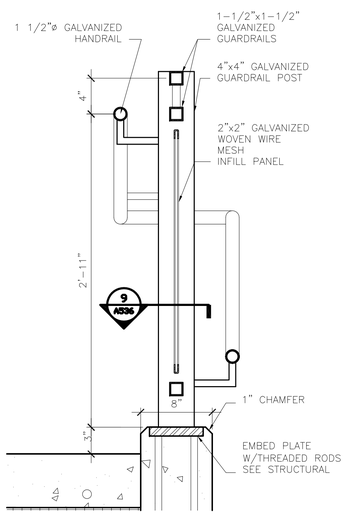
2 EAST APRON RAMP ELEVATION
1/4" = 1'-0"



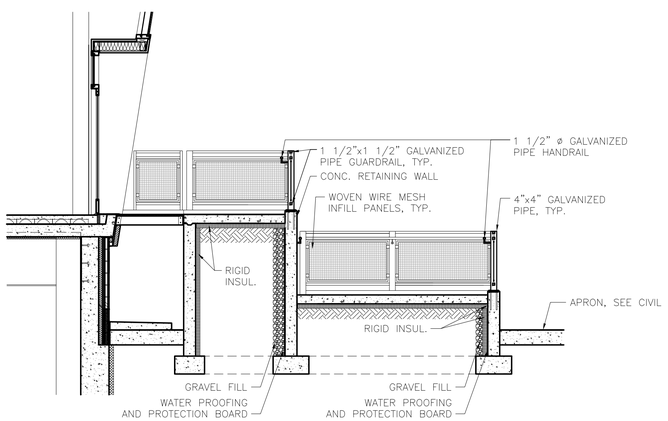
3 EAST APRON RAMP ELEVATION
1/4" = 1'-0"



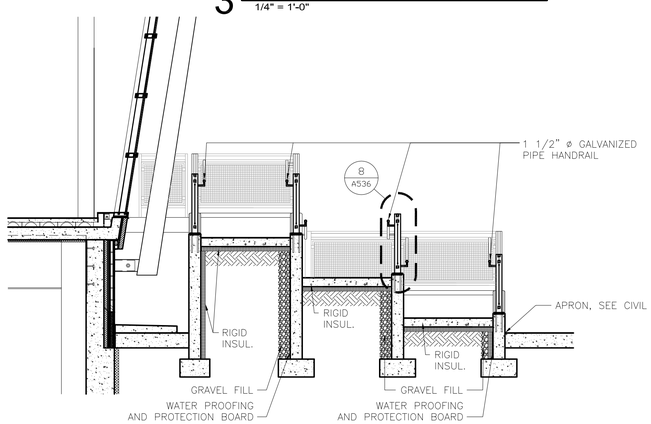
9 PLAN DETAIL
3" = 1'-0"



8 SECTION DETAIL
1 1/2" = 1'-0"



7 APRON RAMP CROSS SECTION
1/4" = 1'-0"



4 APRON RAMP CROSS SECTION
1/4" = 1'-0"

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NEW PASSENGER TERMINAL

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

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MG
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 0.0-00 12:00p

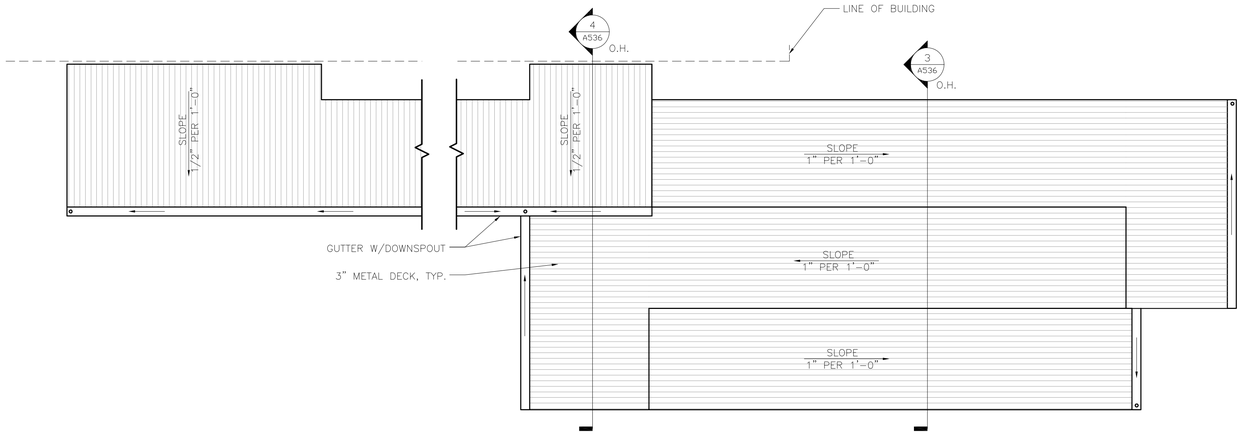
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEM SHEET APRON RAMPS

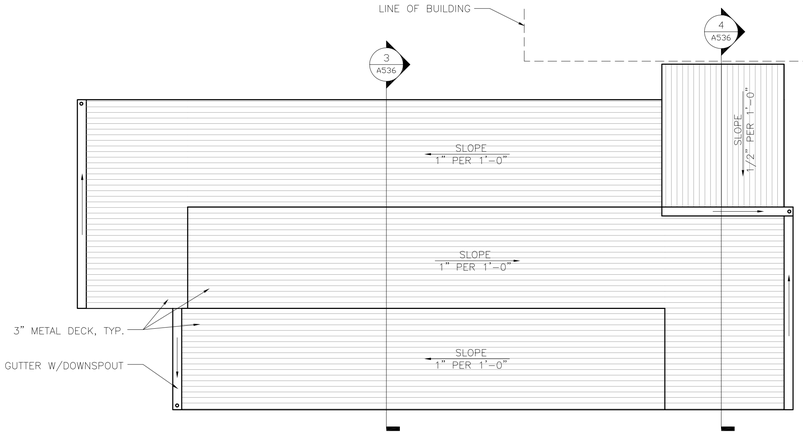
SHEET NUMBER
A536

BID PACKAGE 2C

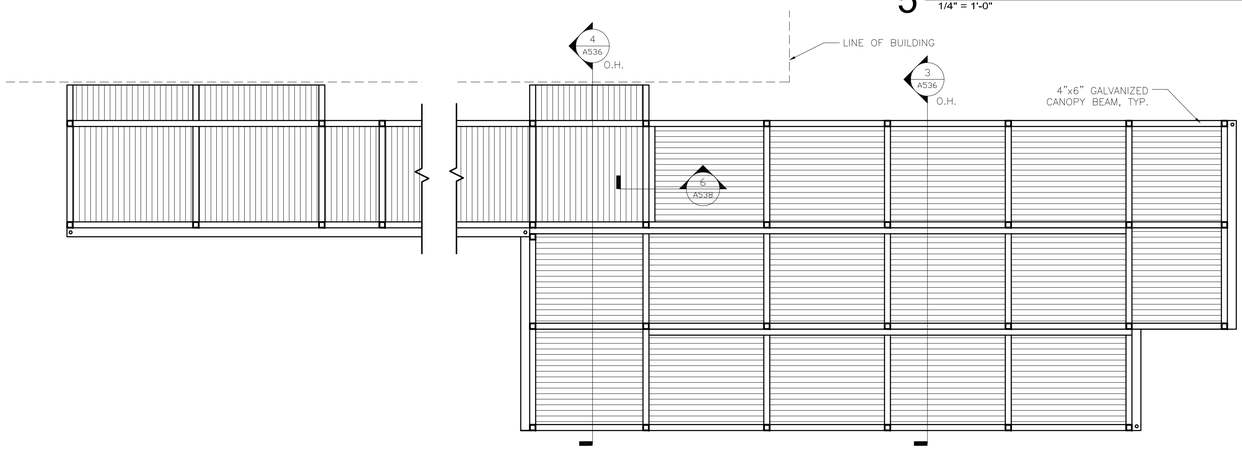
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A536 Interior System Sheet-Vertical Circulation Apron Ramps.dwg Plotted on: 2/10/2012 8:38 AM Plotted by: Godzina, Marc



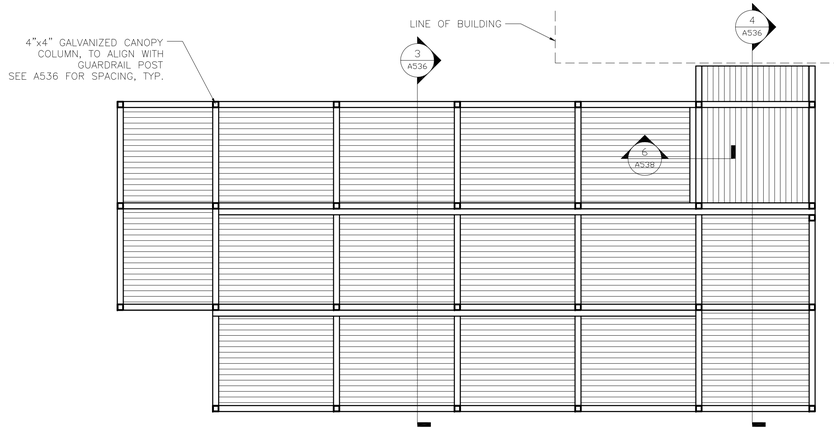
5 WEST RAMP CANOPY ROOF PLAN
1/4" = 1'-0"



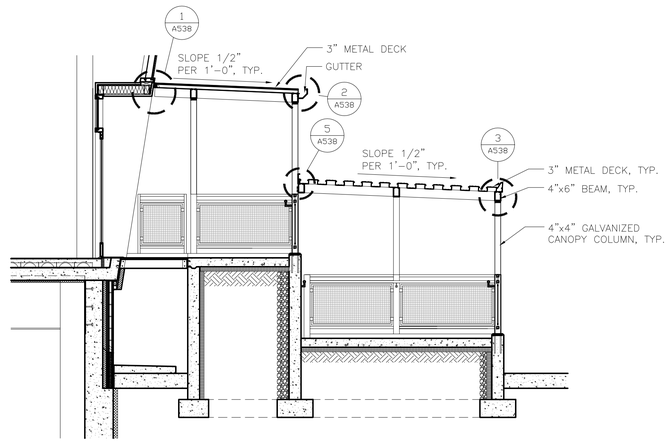
1 EAST RAMP CANOPY ROOF PLAN
1/4" = 1'-0"



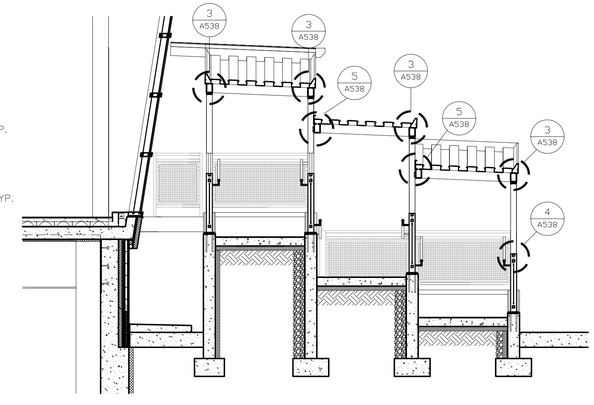
6 WEST RAMP CANOPY REFLECTED CEILING PLAN
1/4" = 1'-0"



2 EAST RAMP CANOPY REFLECTED CEILING PLAN
1/4" = 1'-0"



4 RAMP CANOPY CROSS SECTION
1/4" = 1'-0"



3 RAMP CANOPY CROSS SECTION
1/4" = 1'-0"

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REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MG
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091
XXX.DWG 2012-02-10 12:00p

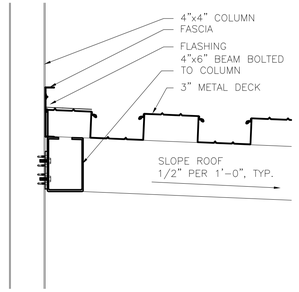
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SHEET TITLE
EXTERIOR SYSTEM SHEET APRON RAMPS WITH CANOPY

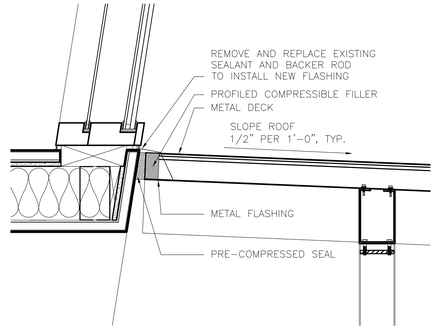
SHEET NUMBER
A537

BID PACKAGE 2C

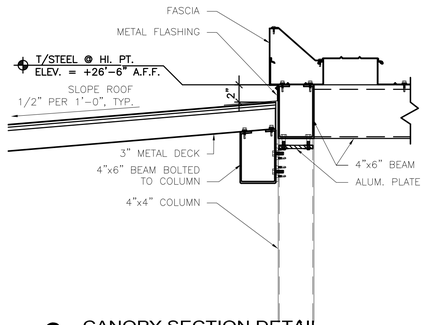
Drawing: T:\P\213188Z.091 Duluth New Terminal\Cad\A\Sheets\A537 Interior System Sheet-Vertical Circulation Apron Ramps - Canopies.dwg Plotted on: 2/10/2012 9:00 AM Plotted by: Godzina, Marc



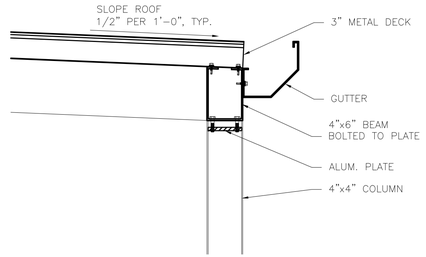
5 CANOPY SECTION DETAIL
1 1/2" = 1'-0"



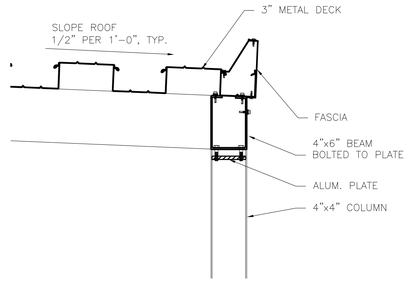
1 CANOPY DETAIL @ DOOR PORTAL
1 1/2" = 1'-0"



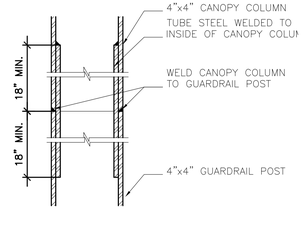
6 CANOPY SECTION DETAIL
1 1/2" = 1'-0"



2 TYPICAL CANOPY GUTTER DETAIL
1 1/2" = 1'-0"



3 TYPICAL CANOPY FASCIA DETAIL
1 1/2" = 1'-0"



4 TYPICAL CANOPY COLUMN SECTION
3" = 1'-0"

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REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MG
DESIGNED BY: TC

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

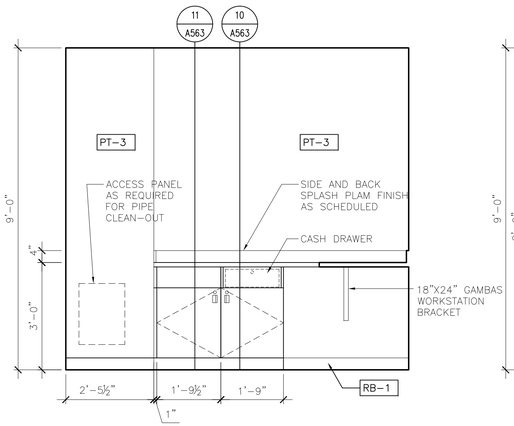
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SHEET TITLE
EXTERIOR SYSTEM SHEET APRON RAMP CANOPY DETAILS

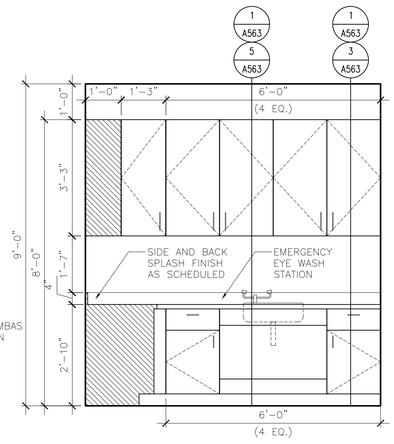
SHEET NUMBER
A538

BID PACKAGE 2C

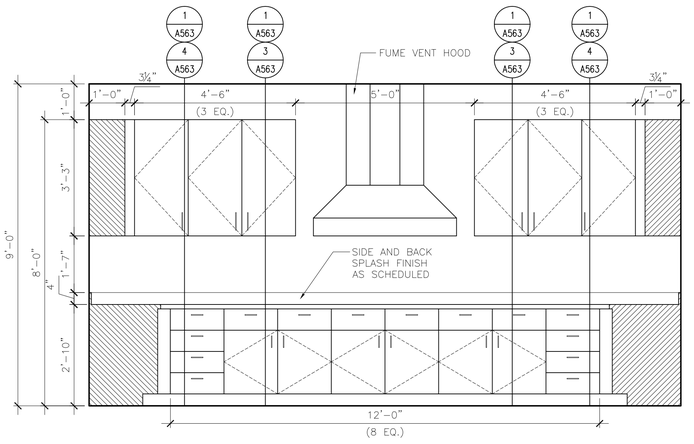
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A538 Interior System Sheet-Vertical Circulation Apron Ramps - Canopies.dwg Plotted on: 2/9/2012 11:59 PM Plotted by: lp, Mark



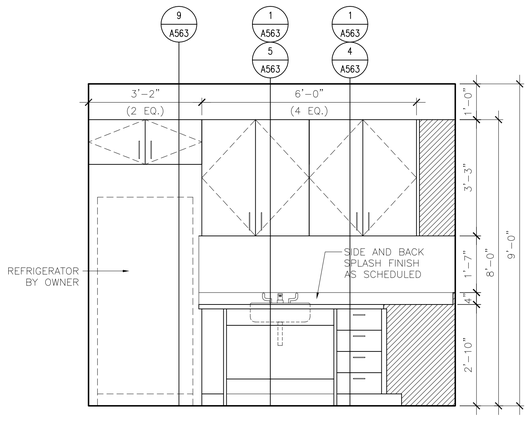
4 CASHIER ELEVATION (RM 181)
1/2" = 1'-0"



3 AG. LAB ELEVATION (RM 160)
1/2" = 1'-0"



2 AG. LAB ELEVATION (RM 160)
1/2" = 1'-0"

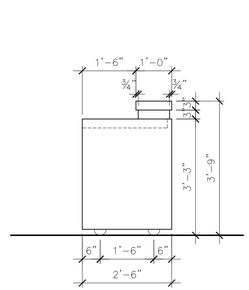


1 AG. LAB ELEVATION (RM 160)
1/2" = 1'-0"

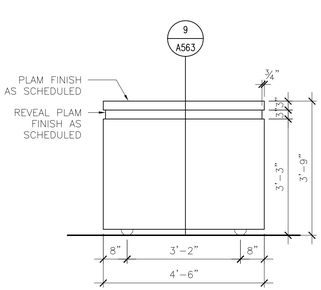
7 CASHIER ELEVATION (RM 181)
1/2" = 1'-0"

6 CBP COORD. CENTER ELEVATION (RM 163)
1/2" = 1'-0"

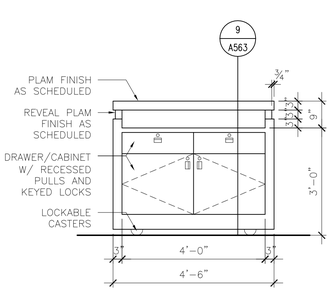
5 CBP COORD. CENTER ELEVATION (RM 163)
1/2" = 1'-0"



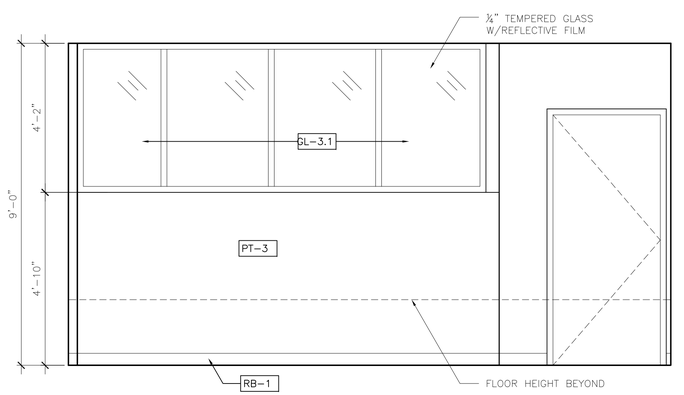
11 MOBILE PODIUM ELEV (RM 159)
1/2" = 1'-0"



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"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: VO
DESIGNED BY: TC

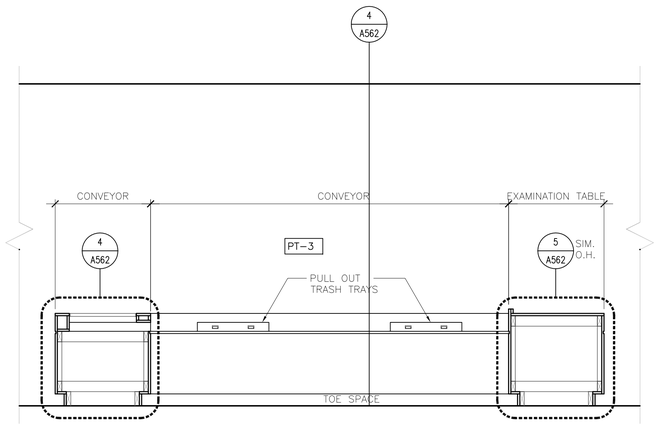
AEP PROJECT NUMBER
213-1882-091

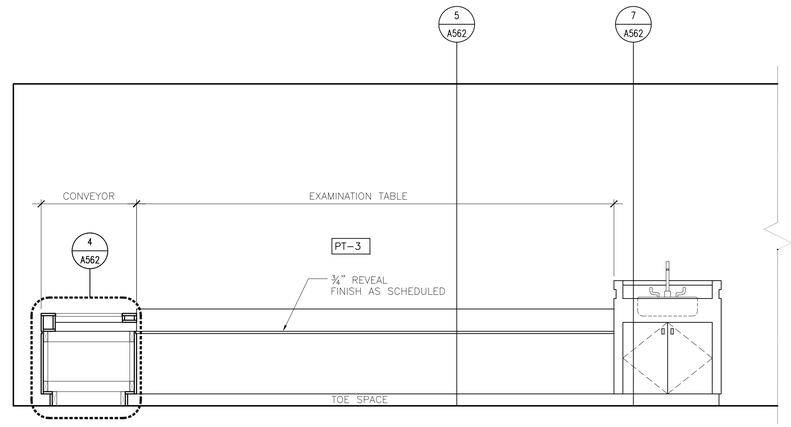
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SHEET TITLE
MILLWORK ELEVATIONS

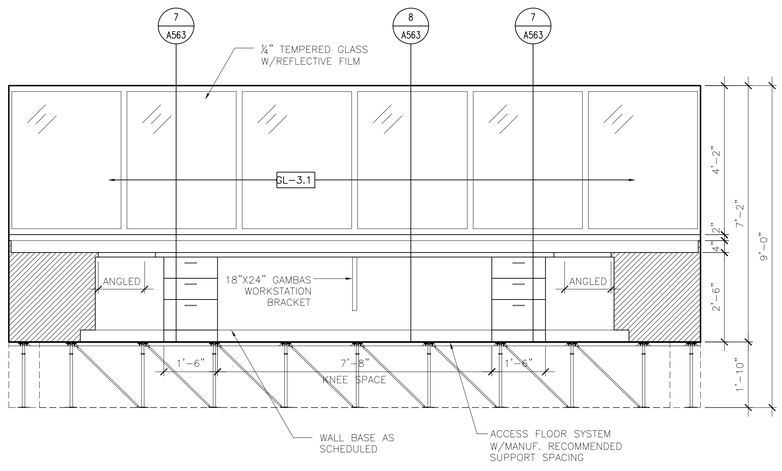
SHEET NUMBER
A560

BID PACKAGE 2C

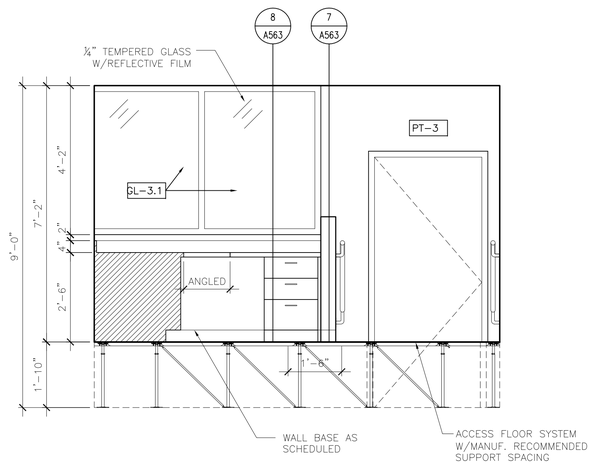


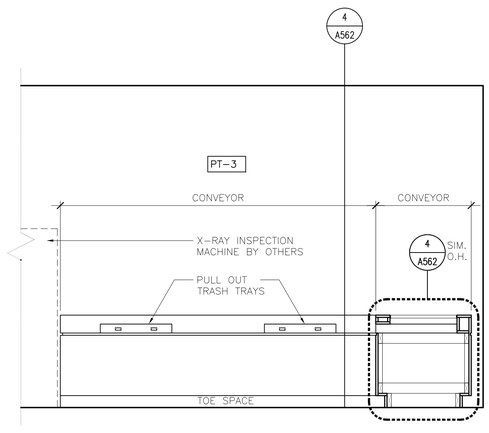


2 SECONDARY X-RAY ELEVATION (RM 159)
1/2" = 1'-0"

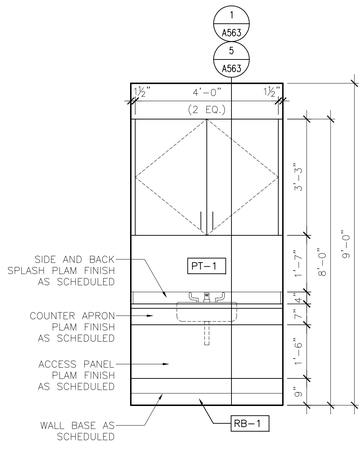


1 SECONDARY X-RAY ELEVATION (RM 159)
1/2" = 1'-0"

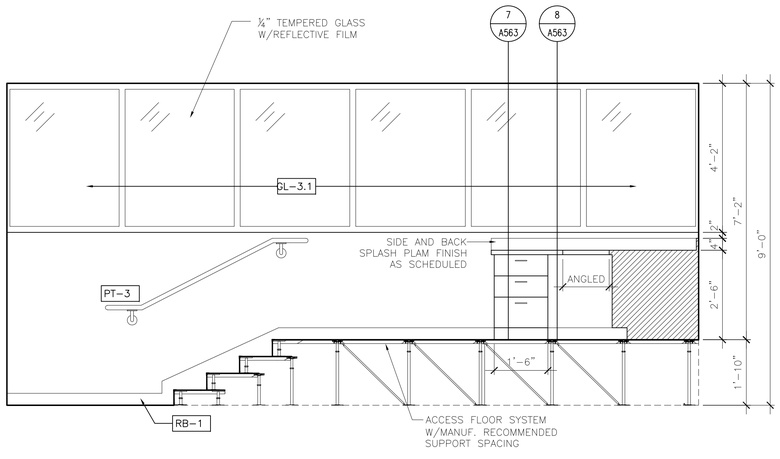




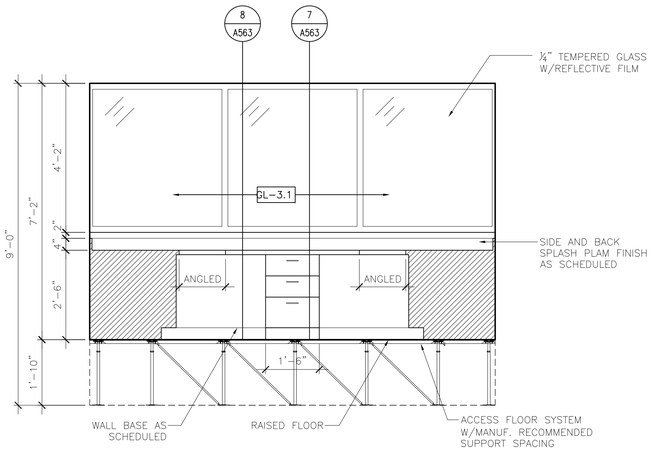
5 CBP COORD. CENTER ELEVATION (RM 245)
1/2" = 1'-0"



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"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: VO
DESIGNED BY: TC

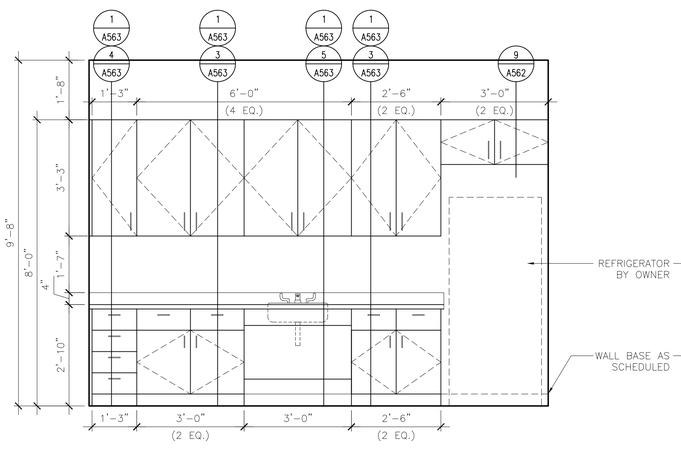
AEP PROJECT NUMBER
213-1882-091

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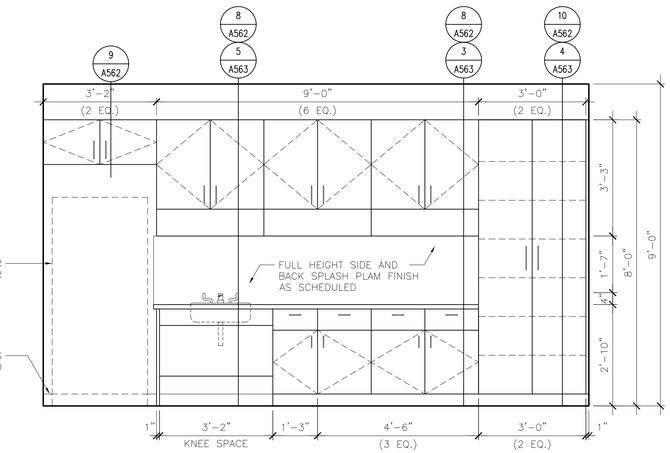
SHEET TITLE
MILLWORK ELEVATIONS

SHEET NUMBER
A561

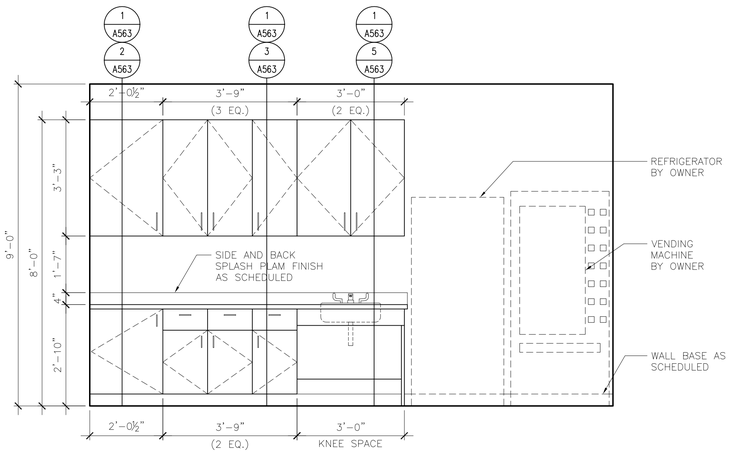
BID PACKAGE 2C



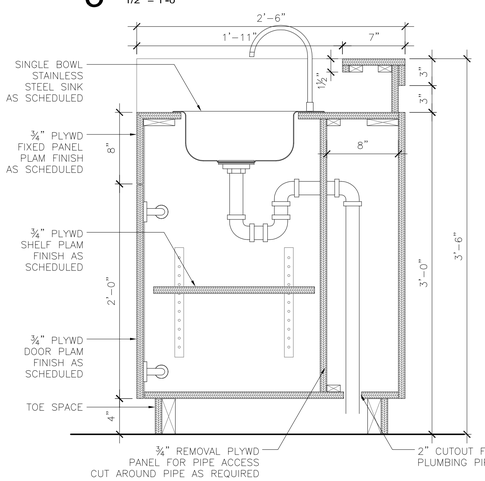
3 SUB OFFICE ELEVATION (RM 148)
1/2" = 1'-0"



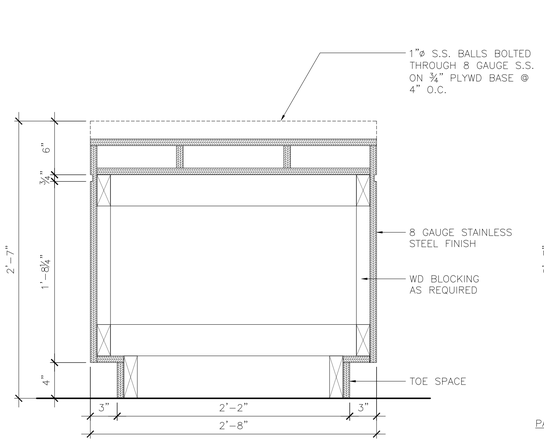
2 OPEN OFFICE ELEVATION (RM 328)
1/2" = 1'-0"



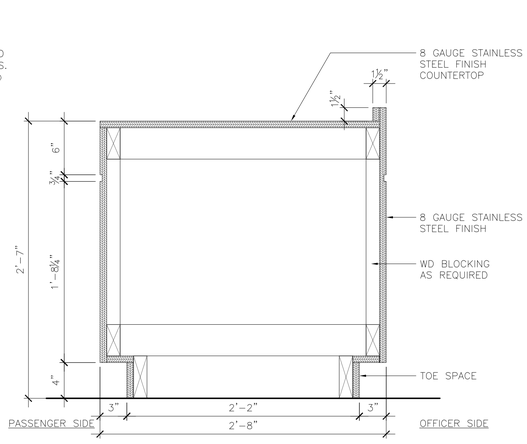
1 BREAK RM ELEVATION (RM 310)
1/2" = 1'-0"



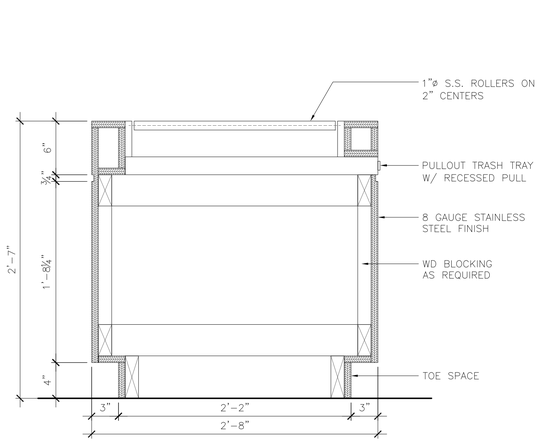
7 S.S. SINK COUNTER SECTION
1-1/2" = 1'-0"



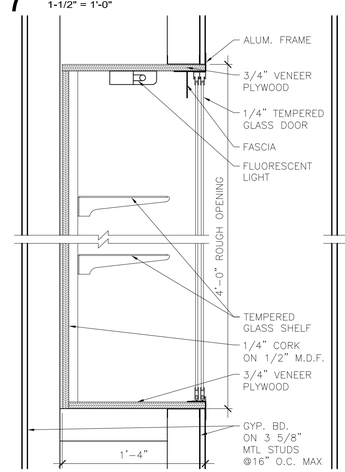
6 BAGGAGE X-RAY INSPECTION STATION SECTION
1-1/2" = 1'-0"



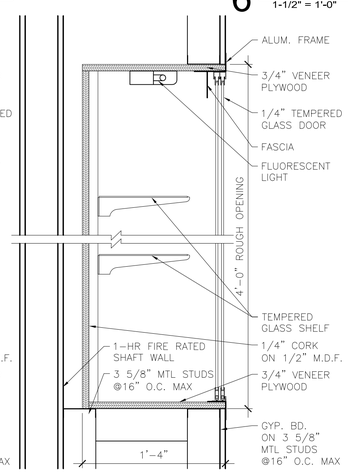
5 BAGGAGE X-RAY INSPECTION STATION SECTION
1-1/2" = 1'-0"



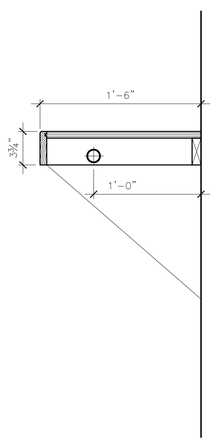
4 BAGGAGE X-RAY INSPECTION STATION SECTION
1-1/2" = 1'-0"



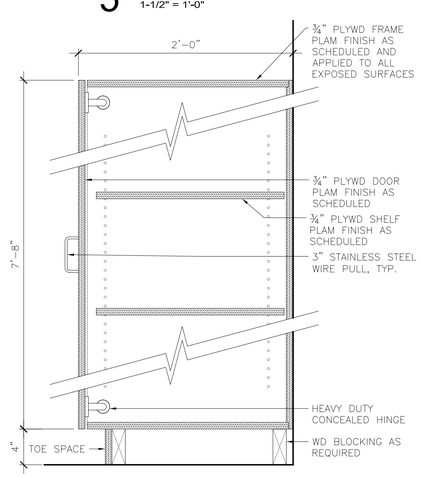
10 DISPLAY CASE SECTION
1-1/2" = 1'-0"



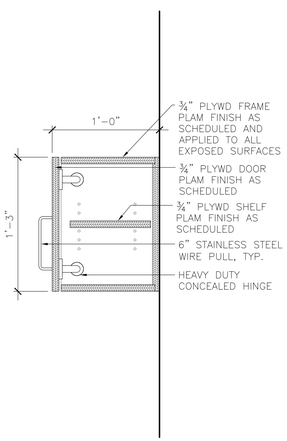
9 DISPLAY CASE SECTION
1-1/2" = 1'-0"



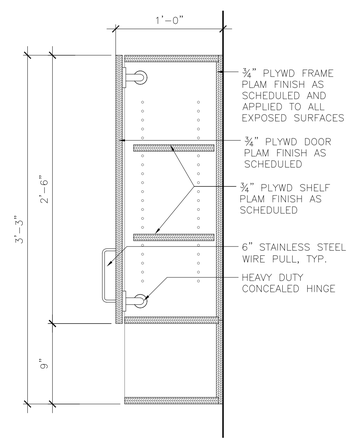
8 CLOSET SHELF SECTION
1-1/2" = 1'-0"



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"

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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

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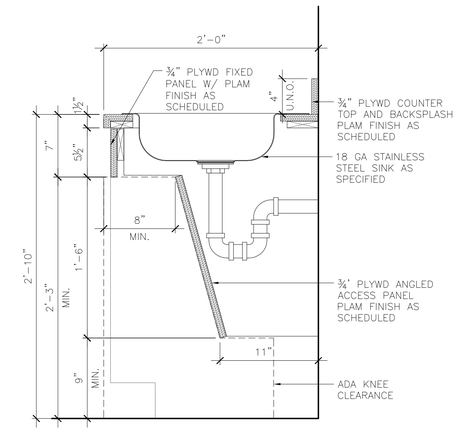
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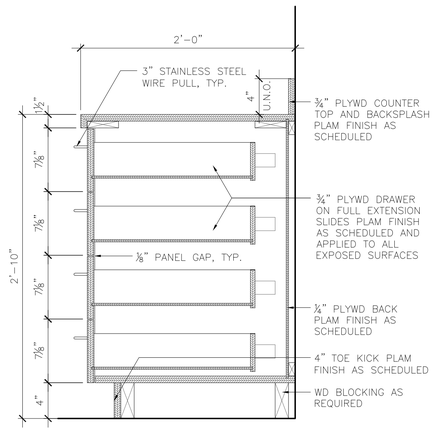
SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS

SHEET NUMBER
A562

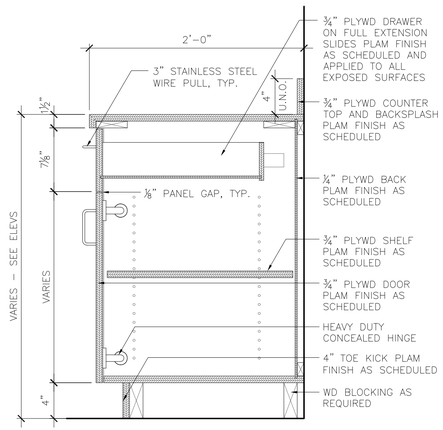
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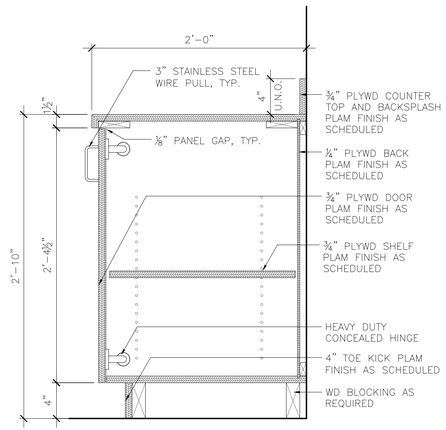
5 BASE CABINET/SINK SECTION
1-1/2" = 1'-0"



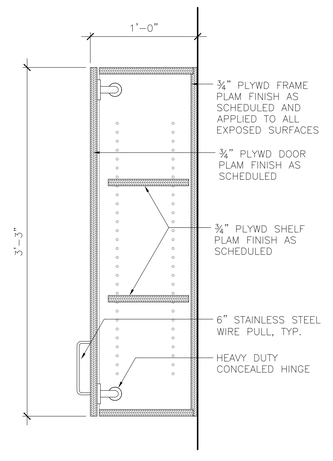
4 BASE CABINET SECTION
1-1/2" = 1'-0"



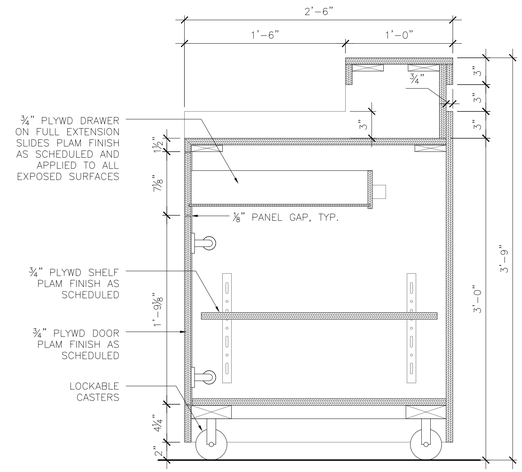
3 BASE CABINET SECTION
1-1/2" = 1'-0"



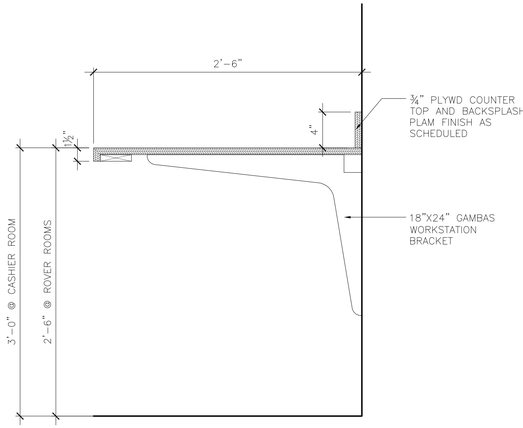
2 BASE CABINET SECTION
1-1/2" = 1'-0"



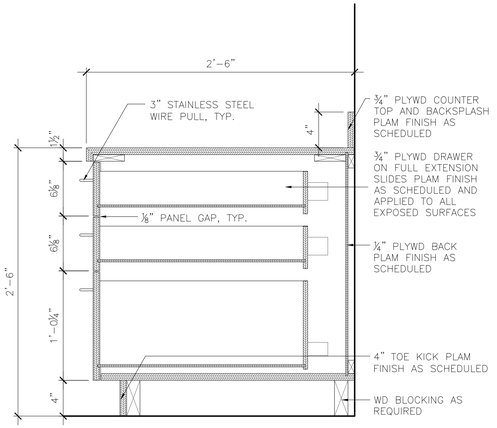
1 UPPER CABINET SECTION
1-1/2" = 1'-0"



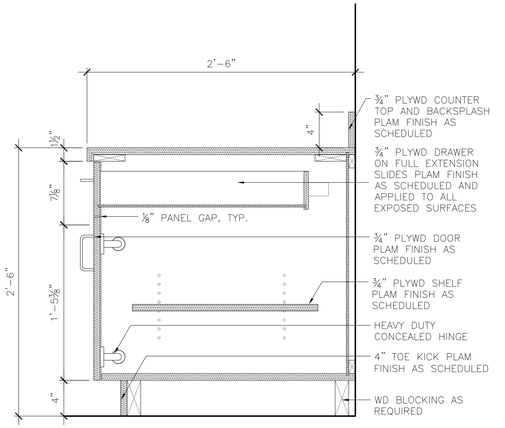
9 MOBILE PODIUM SECTION
1-1/2" = 1'-0"



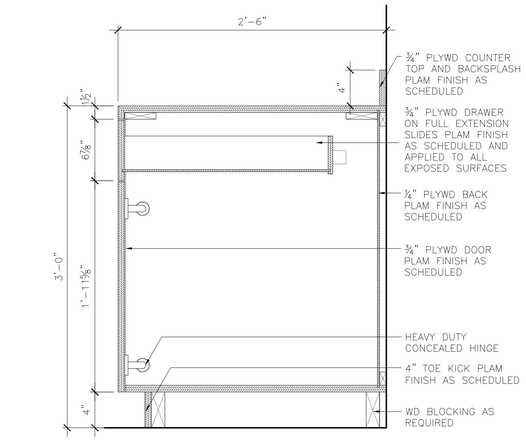
8 COUNTERTOP SECTION
1-1/2" = 1'-0"



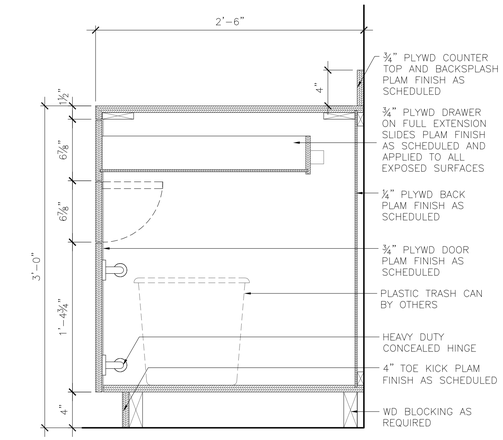
7 BASE CABINET SECTION
1-1/2" = 1'-0"



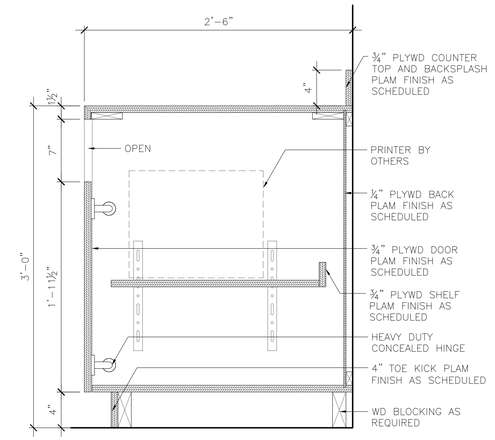
6 BASE CABINET SECTION
1-1/2" = 1'-0"



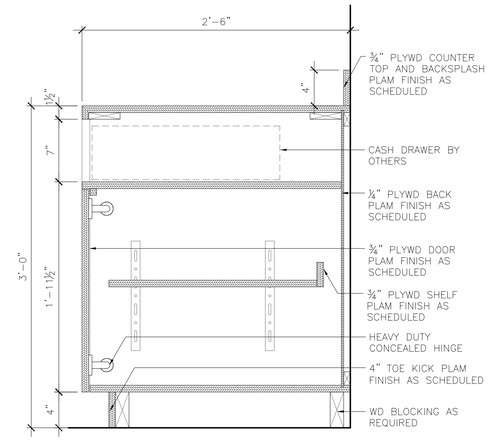
13 CASHIER BASE CABINET SECTION
1-1/2" = 1'-0"



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"

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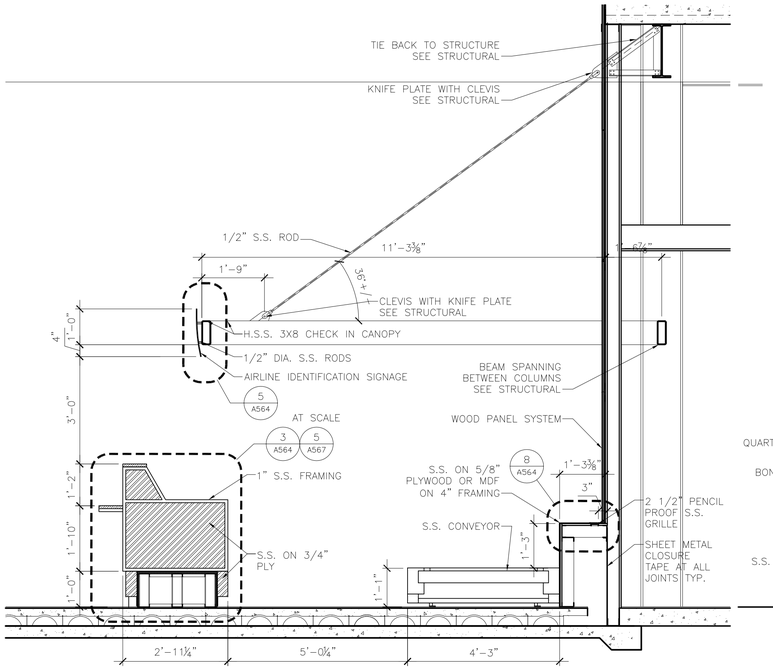
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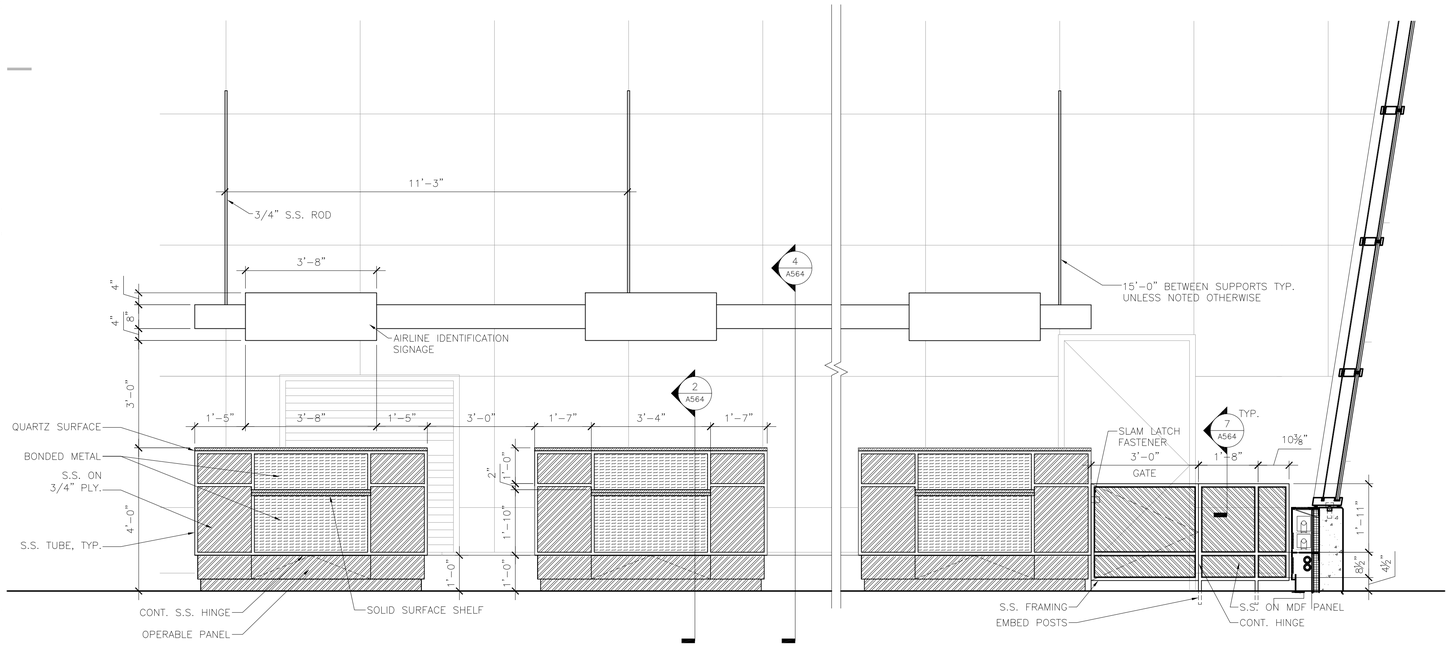
SHEET TITLE
MILLWORK DETAILS

SHEET NUMBER
A563

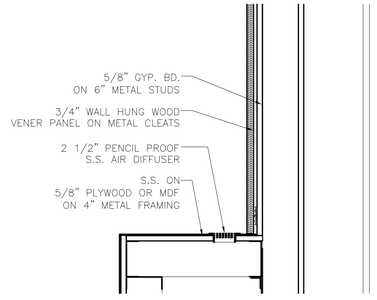
BID PACKAGE 2C



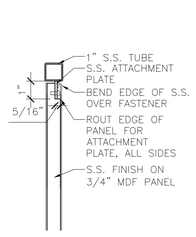
4 TICKET COUNTER SECTION
1/2" = 1'-0"



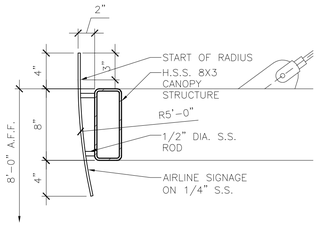
1 TICKET COUNTER ELEVATION
1/2" = 1'-0"



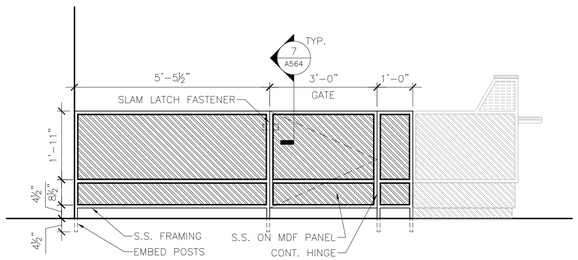
8 DIFFUSER DETAIL
1 1/2" = 1'-0"



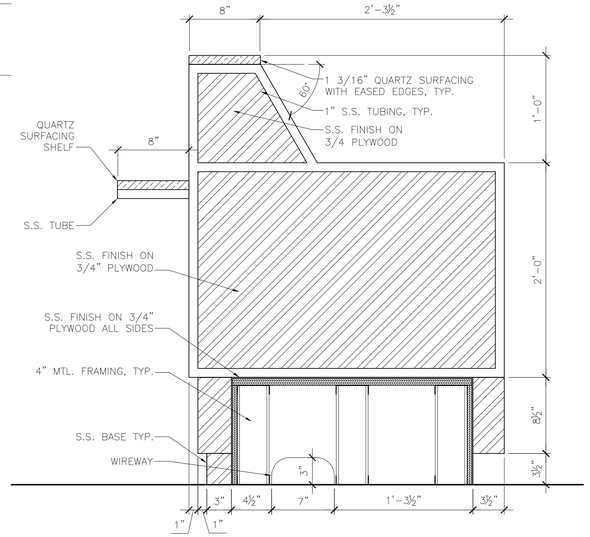
7 DIVIDER DETAIL
3" = 1'-0"



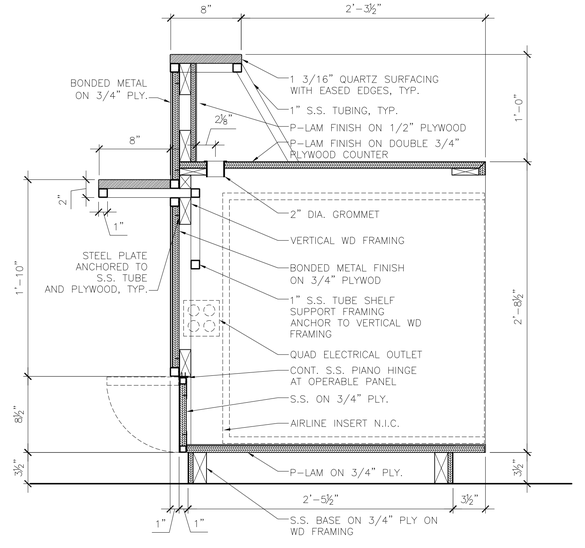
5 AIRLINE SIGN DETAIL
1 1/2" = 1'-0"



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"

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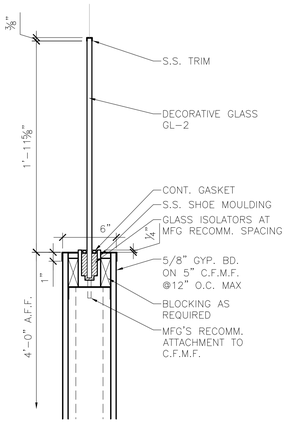
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SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS TICKETING

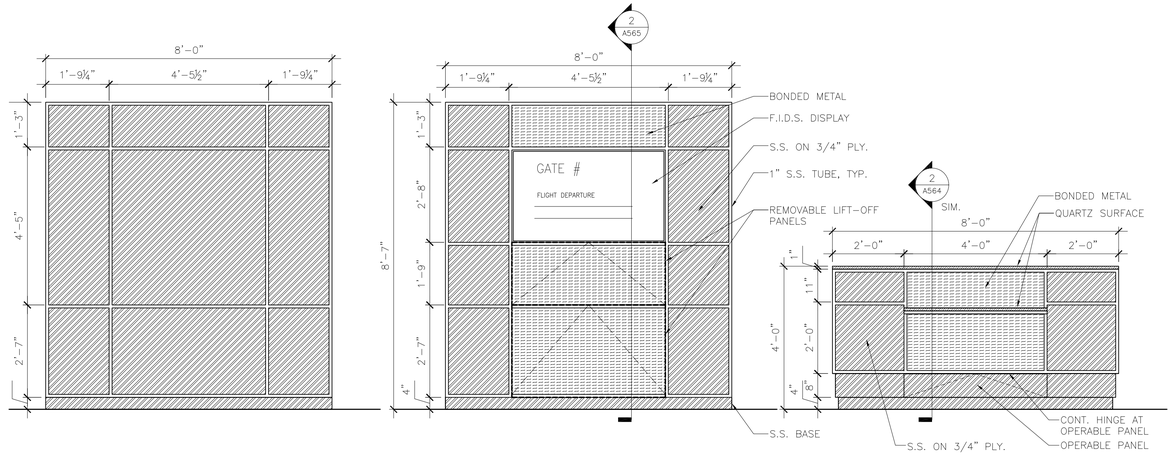
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A564

BID PACKAGE 2C

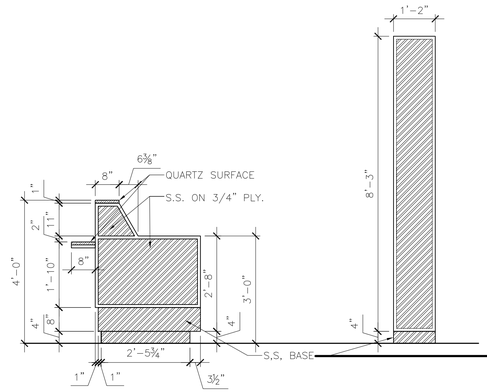
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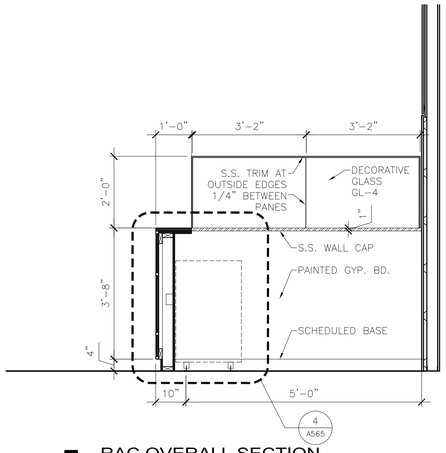


7 GLASS DIVIDER DETAIL
1 1/2" = 1'-0"

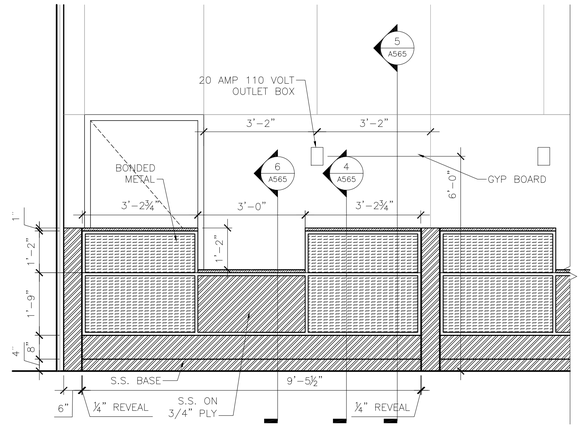


1 GATE PODIUM ELEVATIONS
1/2" = 1'-0"

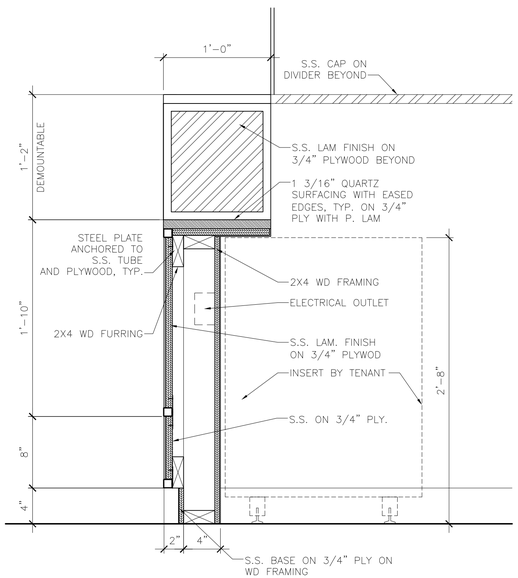




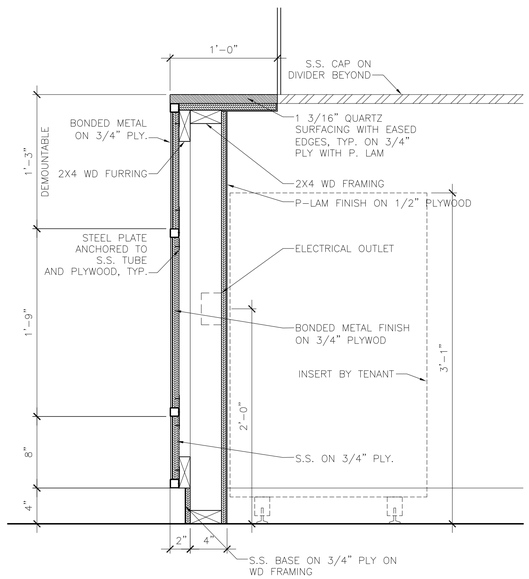
5 RAC OVERALL SECTION
1/2" = 1'-0"



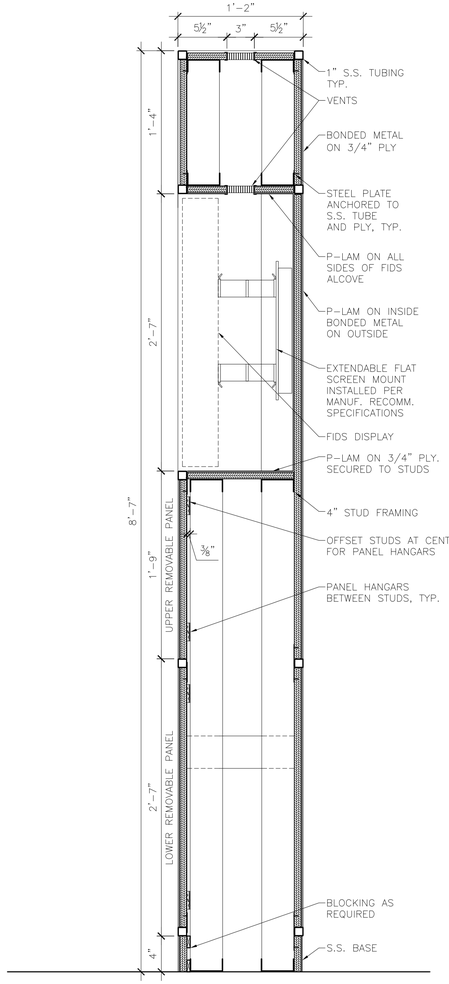
3 RAC ELEVATIONS
1/2" = 1'-0"



6 RAC FRONT COUNTER SECTION
1 1/2" = 1'-0"



4 RAC FRONT COUNTER SECTION
1 1/2" = 1'-0"



2 GATE BACKSCREEN DETAILS
1 1/2" = 1'-0"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

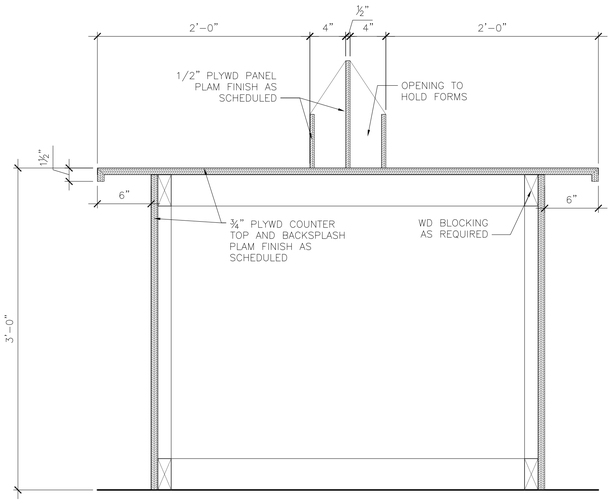
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SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS PODIUM

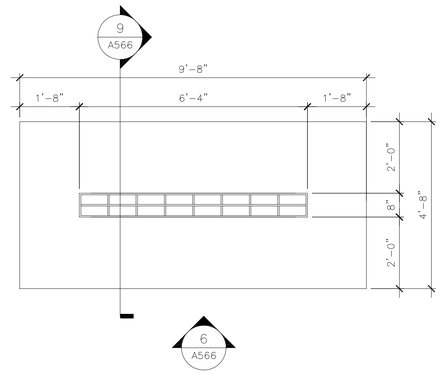
SHEET NUMBER
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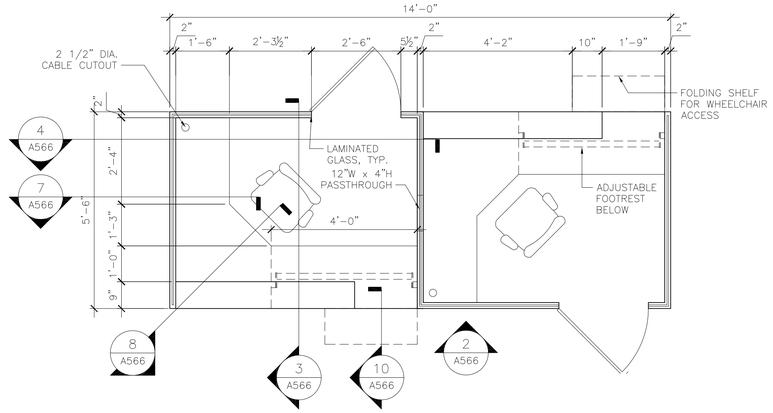
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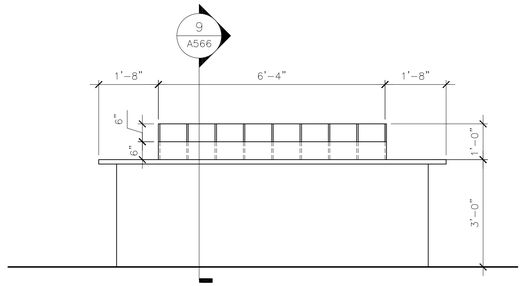
9 CBP FORMS COUNTER DETAIL
1 1/2" = 1'-0"



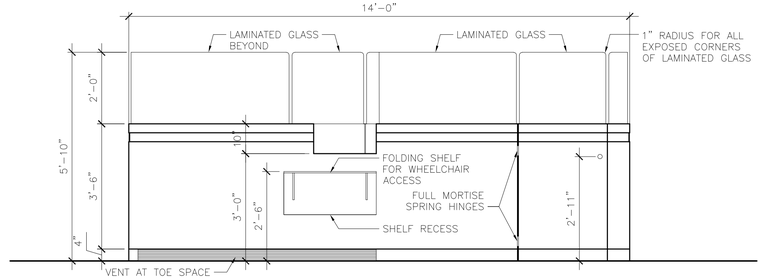
5 CBP FORMS COUNTER PLAN
1/2" = 1'-0"



1 CBP PROCESSING BOOTH PLAN
1/2" = 1'-0"

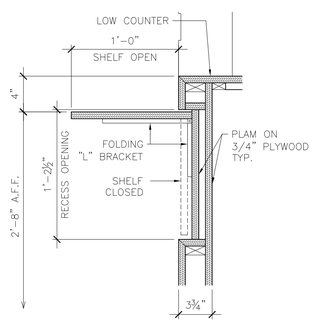


6 CBP FORMS COUNTER ELEVATION
1/2" = 1'-0"

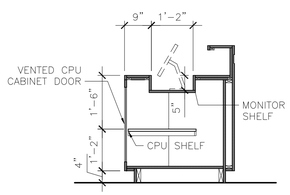


2 CBP PROCESSING BOOTH ELEVATION
1/2" = 1'-0"

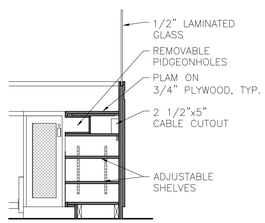
NOTE: CBP PRIMARY PROCESSING BOOTH TO BE CONSTRUCTED PER CBP AIRPORT TECHNICAL DESIGN STANDARDS, CHAPTER 10 FIGURES 10-4 THRU 10-6.



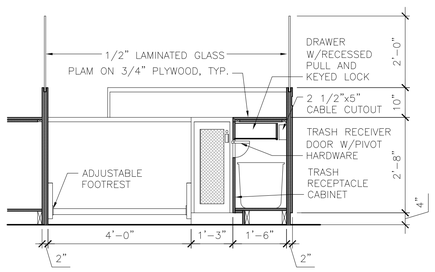
10 CBP BOOTH SECTION DETAIL
1 1/2" = 1'-0"



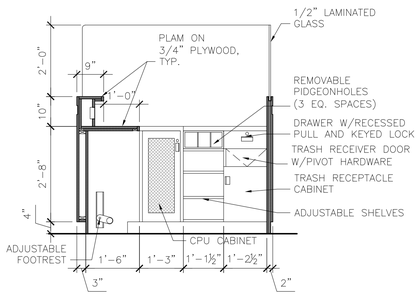
8 CBP BOOTH SECTION
1/2" = 1'-0"



7 CBP BOOTH SECTION
1/2" = 1'-0"



4 CBP BOOTH SECTION
1/2" = 1'-0"



3 CBP BOOTH SECTION
1/2" = 1'-0"

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Signature:

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	100% REVIEW	12.15.10
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	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

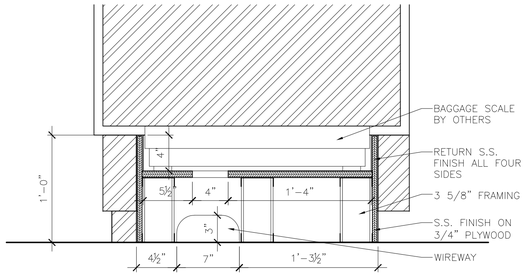
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SHEET TITLE
MILLWORK ELEVATIONS AND DETAILS CBP

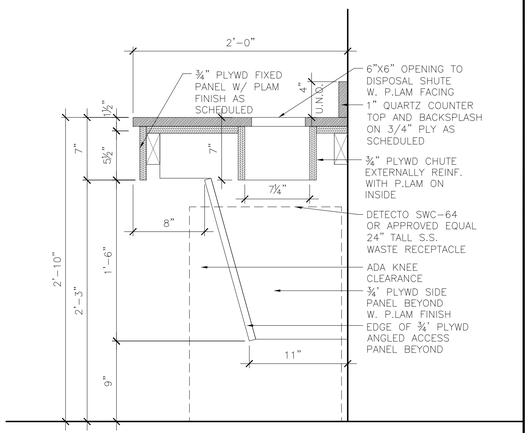
SHEET NUMBER
A566

BID PACKAGE 2C

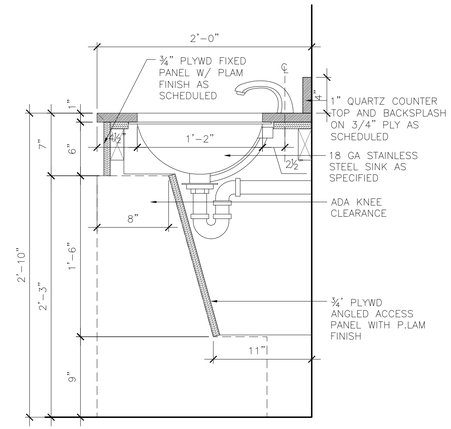
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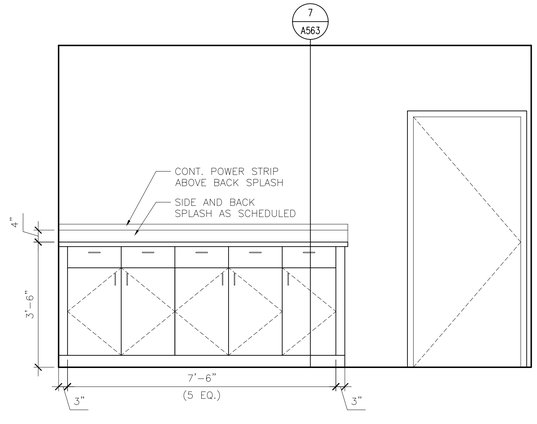
5 BAGGAGE SCALE SECTION
1 1/2" = 1'-0"



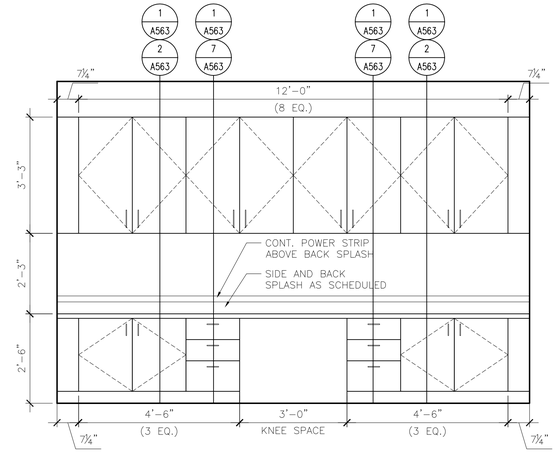
1 BASE CABINET/DISPOSAL SECTION
1-1/2" = 1'-0"



2 RESTROOM LAVATORY SECTION
1-1/2" = 1'-0"



4 ADIT ELEVATION (RM 162)
1/2" = 1'-0"



3 ADIT ELEVATION (RM 162)
1/2" = 1'-0"

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKI
DESIGNED BY: TC

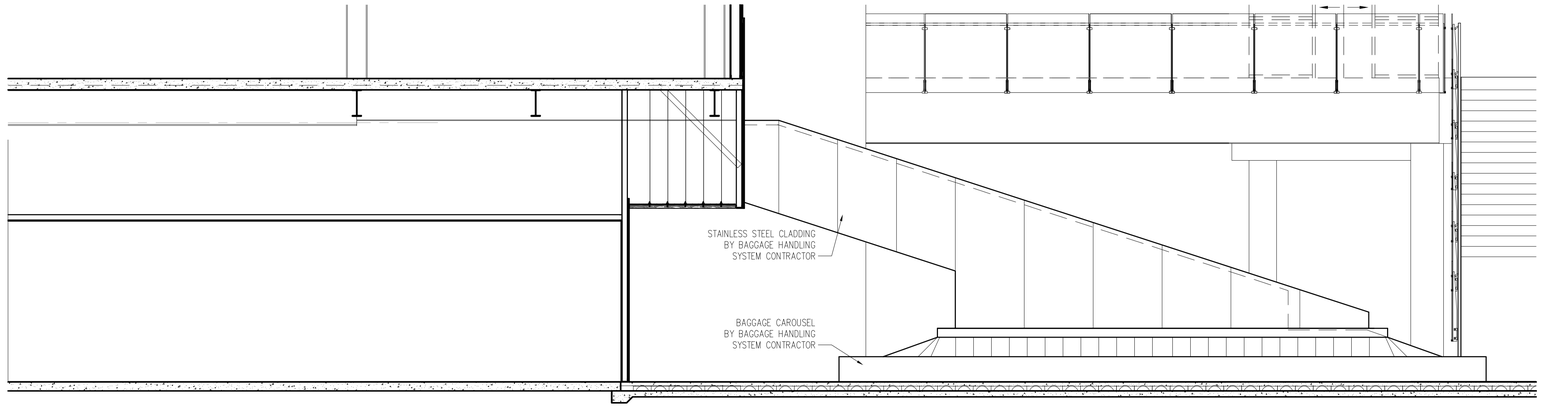
AEP PROJECT NUMBER
213-1882-091

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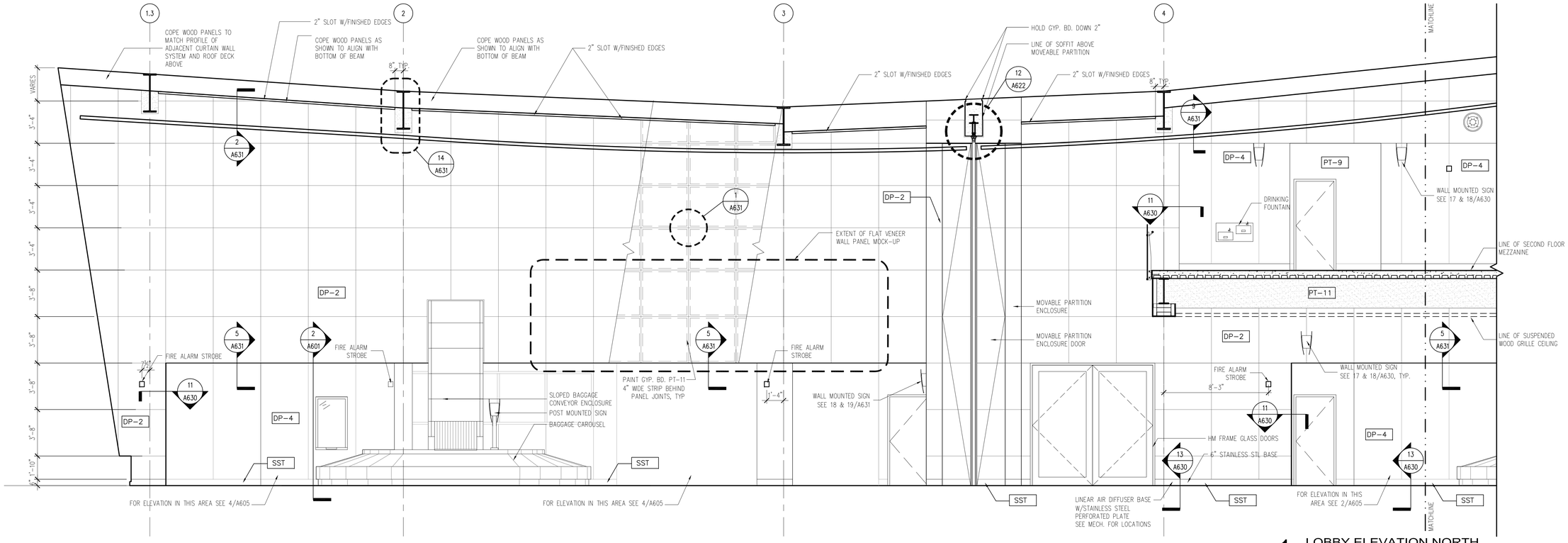
SHEET TITLE
MISC. MILLWORK DETAILS

SHEET NUMBER
A567

BID PACKAGE 2C



2 BAGGAGE CONVEYOR ELEVATION
1/4" = 1'-0"



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

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REVISIONS

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	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
1	BP2A - ADDENDUM 6	3.11.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
2	RFP-206	1.9.12
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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DESIGNED BY: TC

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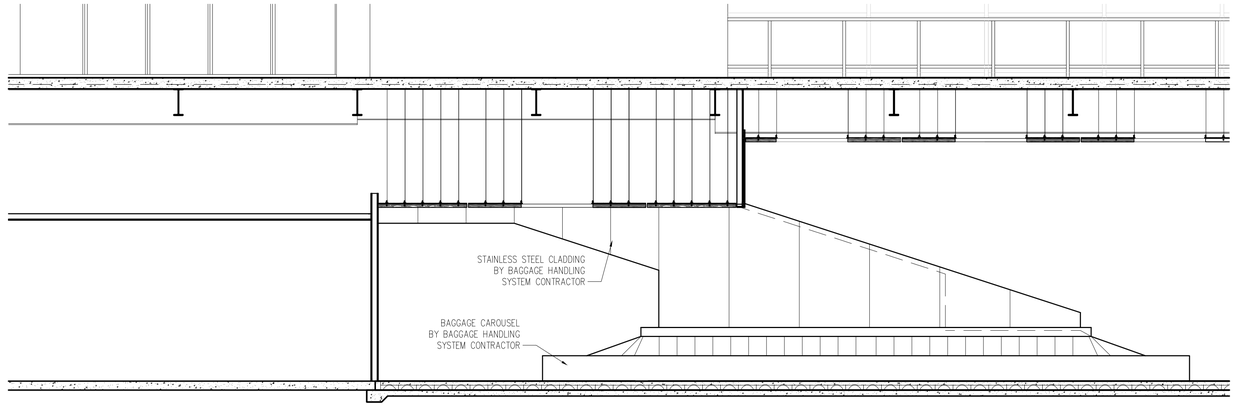
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SHEET TITLE
INTERIOR ELEVATIONS

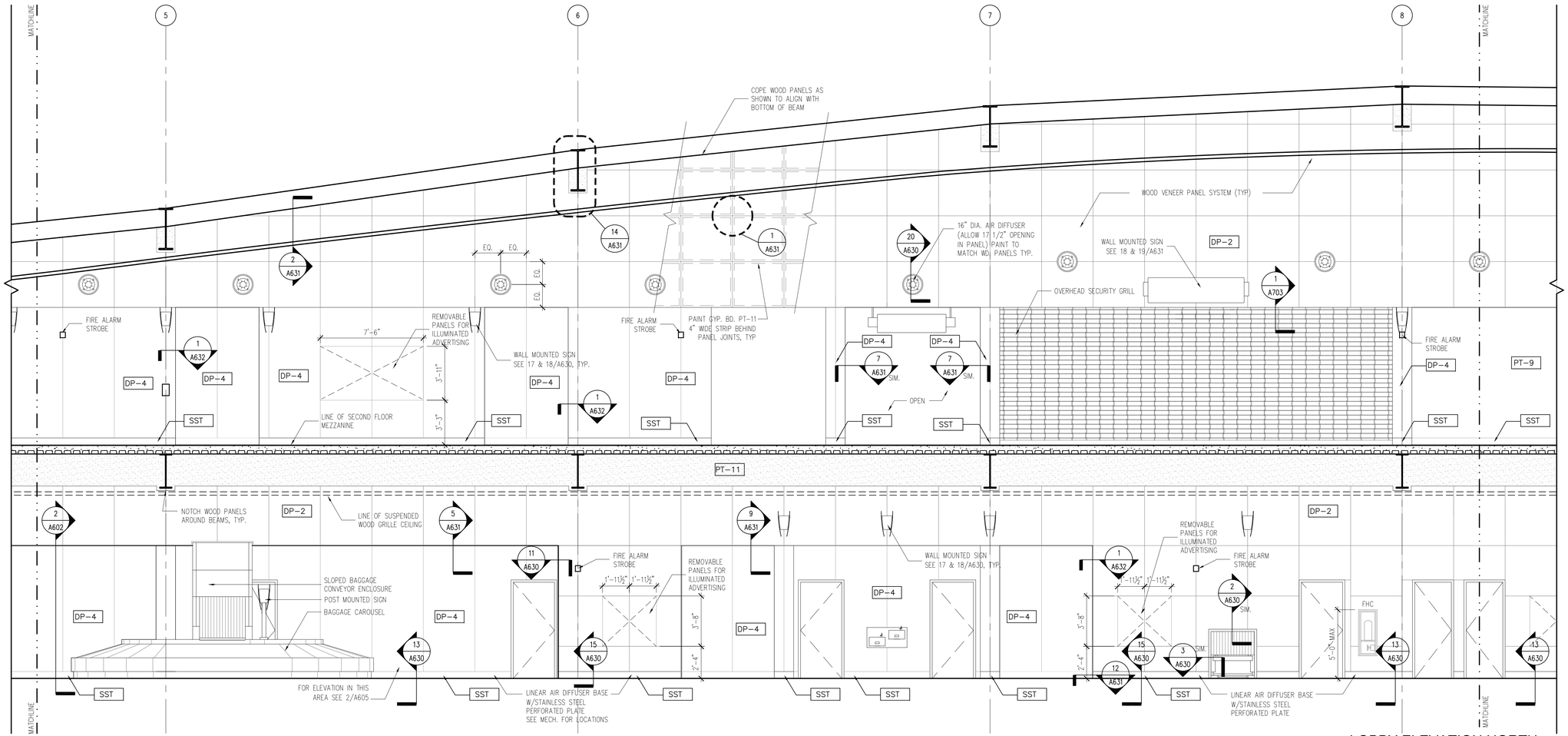
SHEET NUMBER
A601

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A601 Interior Elevations.dwg Plotted on: 2/10/2012 12:20 AM Plotted by: Ip, Mark



2 BAGGAGE CONVEYOR ELEVATION
1/4" = 1'-0"



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

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2	RFP-206	1.9.12
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
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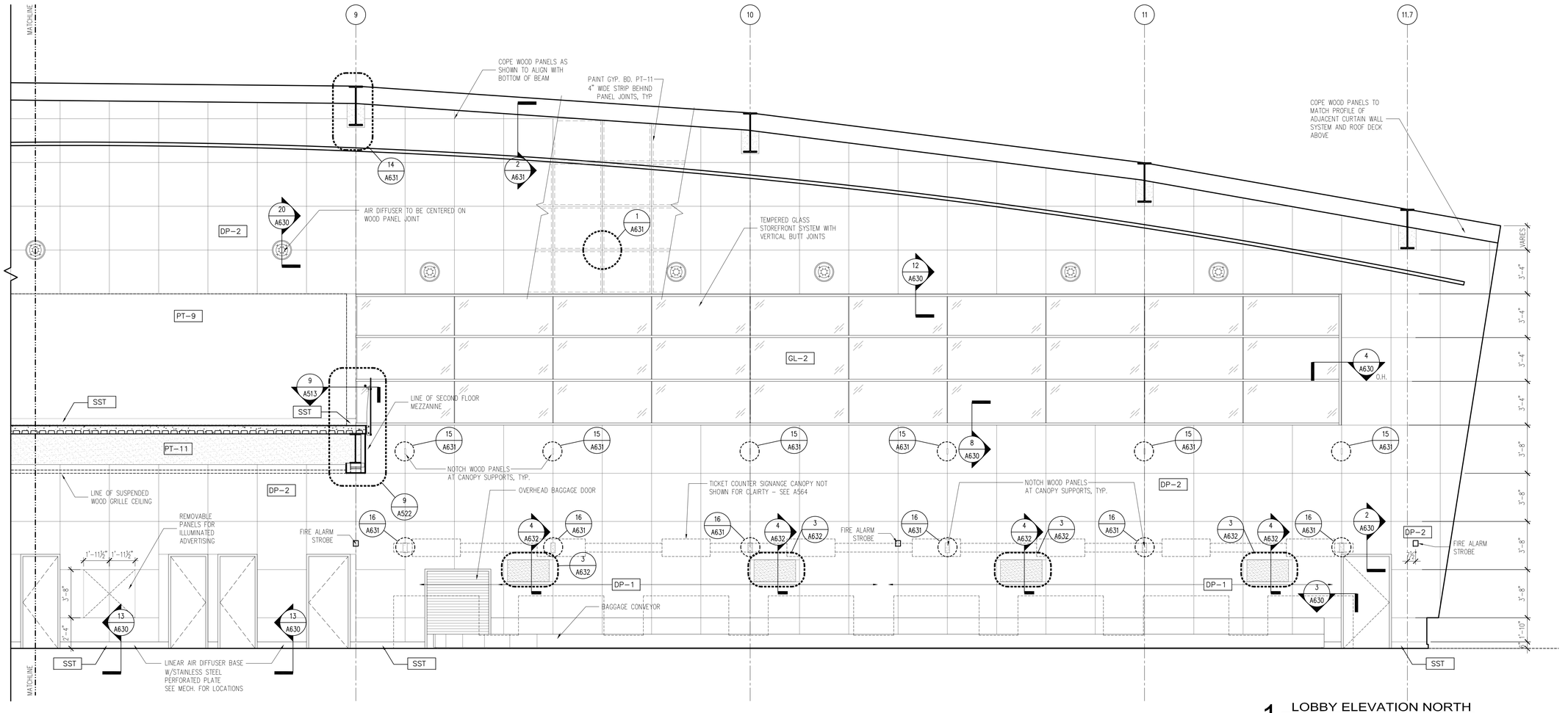
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A602

BID PACKAGE 2C



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

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TEL: (218) 591-5079

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
1	RFP-206	1.9.12
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

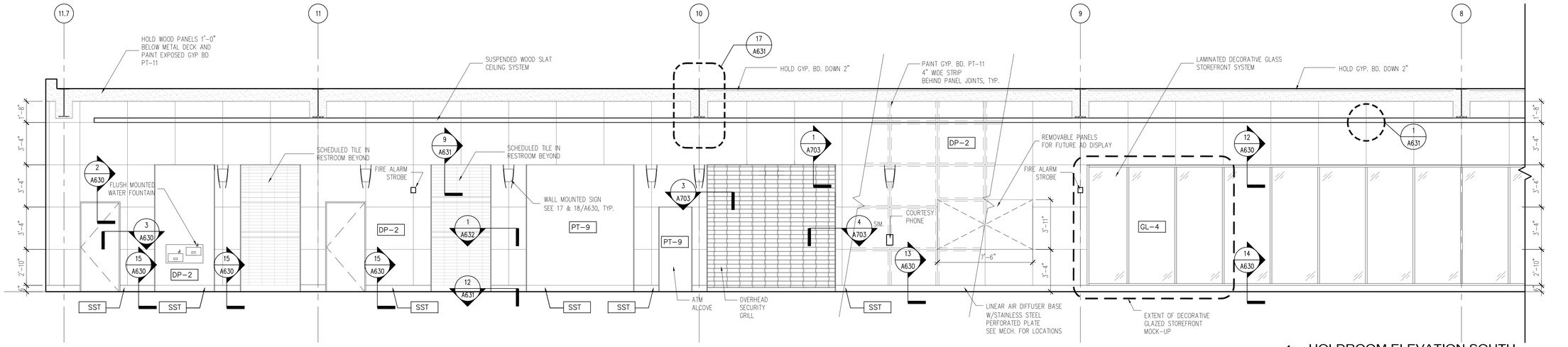
AEP PROJECT NUMBER
213-1882-091

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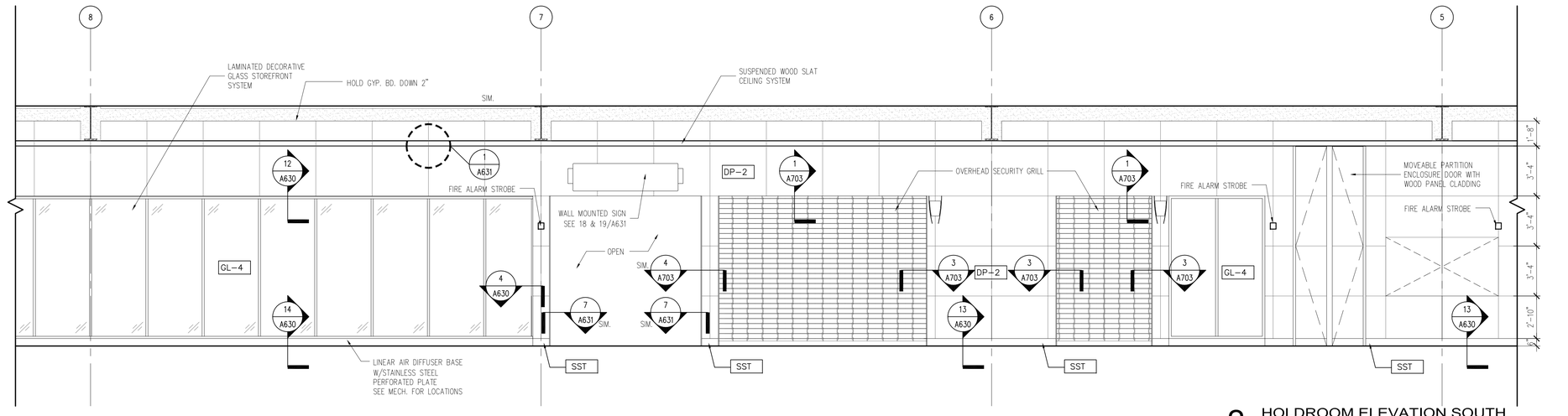
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A603

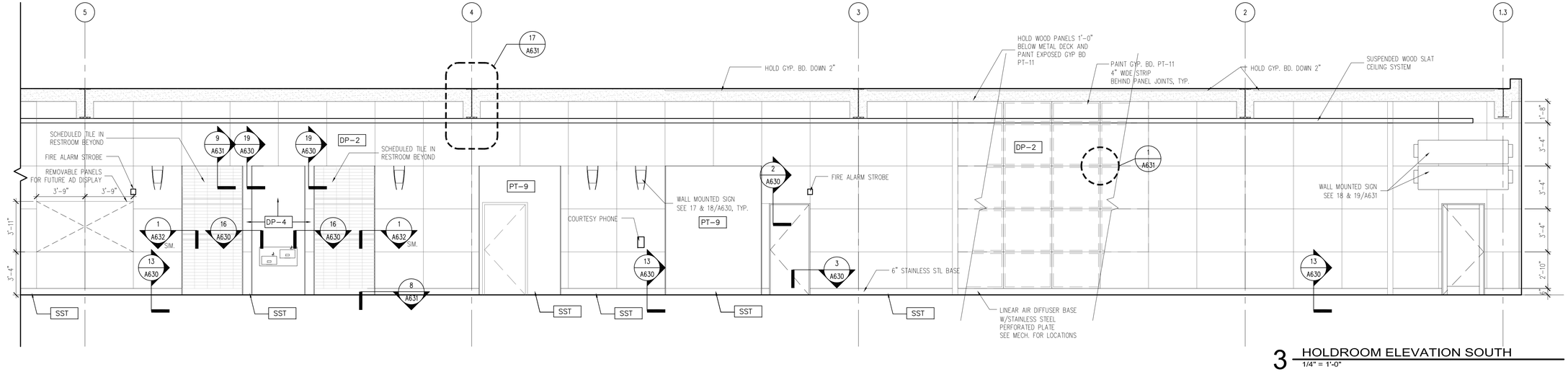
BID PACKAGE 2C



1 HOLDROOM ELEVATION SOUTH
1/4" = 1'-0"



2 HOLDROOM ELEVATION SOUTH
1/4" = 1'-0"



3 HOLDROOM ELEVATION SOUTH
1/4" = 1'-0"

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	BID PACKAGE 2C	2.10.12

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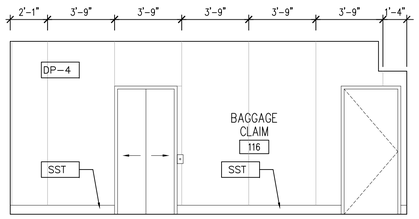
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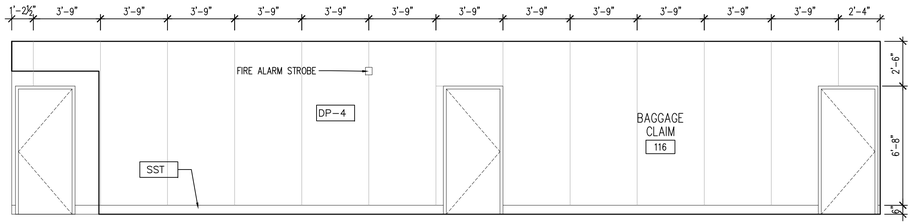
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A604

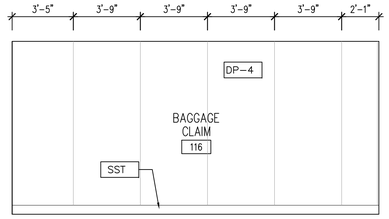
BID PACKAGE 2C



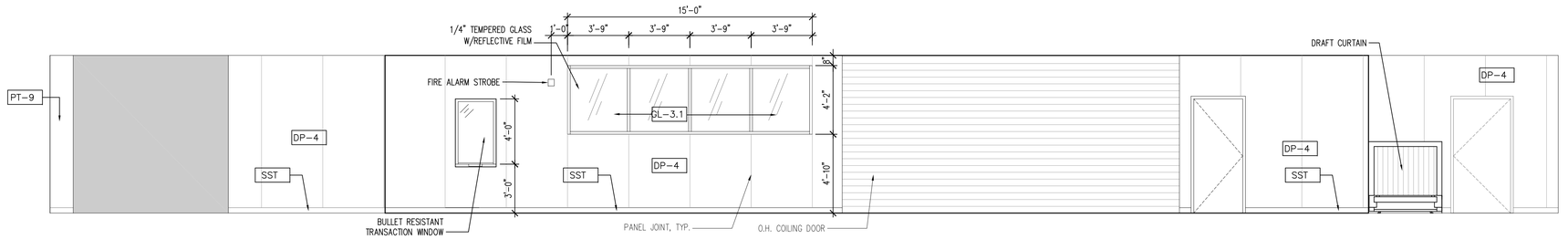
3 DOMESTIC BAGGAGE CLAIM WEST
1/4" = 1'-0"



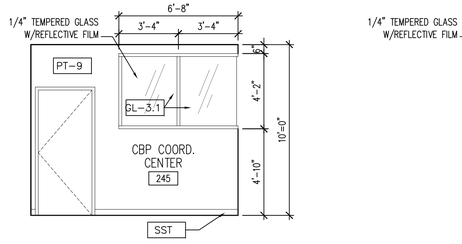
2 DOMESTIC BAGGAGE CLAIM NORTH
1/4" = 1'-0"



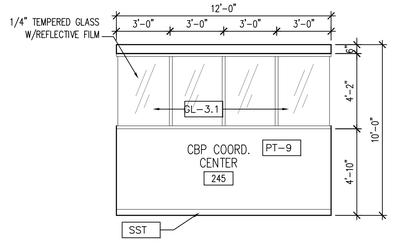
1 DOMESTIC BAGGAGE CLAIM EAST
1/4" = 1'-0"



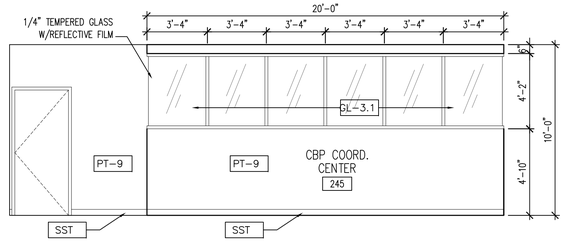
4 INTERNATIONAL BAGGAGE CLAIM NORTH
1/4" = 1'-0"



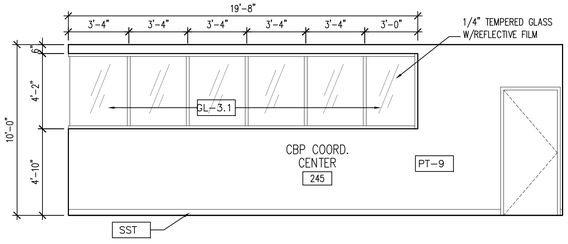
8 SECOND FLOOR CCC ELEVATION WEST
1/4" = 1'-0"



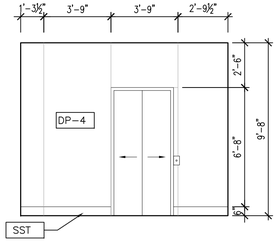
7 SECOND FLOOR CCC ELEVATION EAST
1/4" = 1'-0"



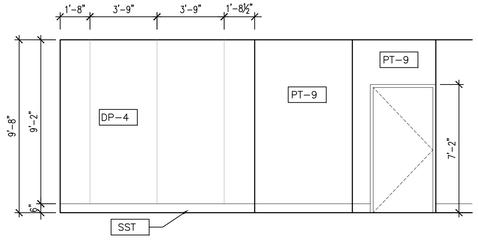
6 SECOND FLOOR CCC ELEVATION SOUTH
1/4" = 1'-0"



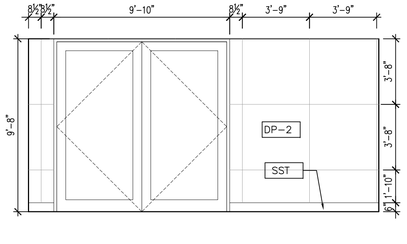
5 SECOND FLOOR CCC ELEVATION NORTH
1/4" = 1'-0"



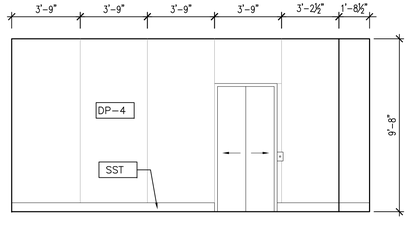
12 INTL. BAG CLAIM PARTIAL ELEVATION SOUTH
1/4" = 1'-0"



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"

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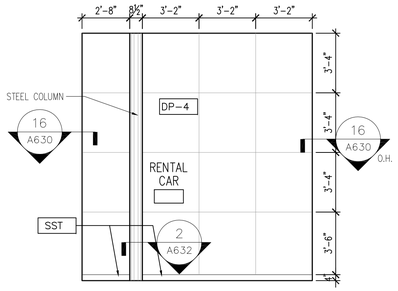
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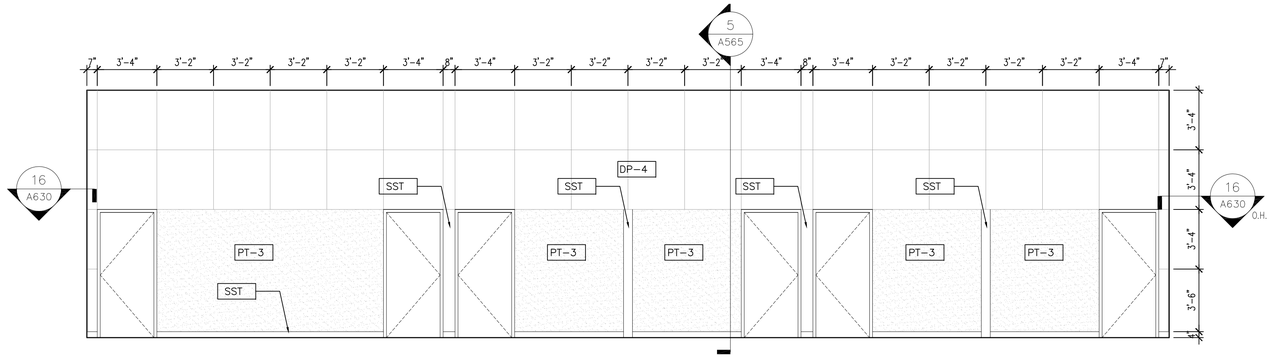
SHEET TITLE
INTERIOR ELEVATIONS

SHEET NUMBER
A605

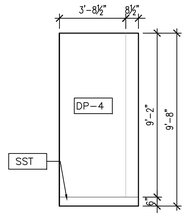
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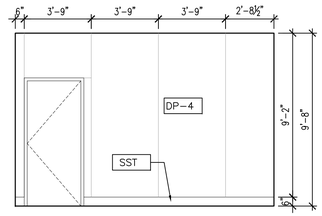
2 RENTAL CAR ELEVATION EAST/WEST
1/4" = 1'-0"



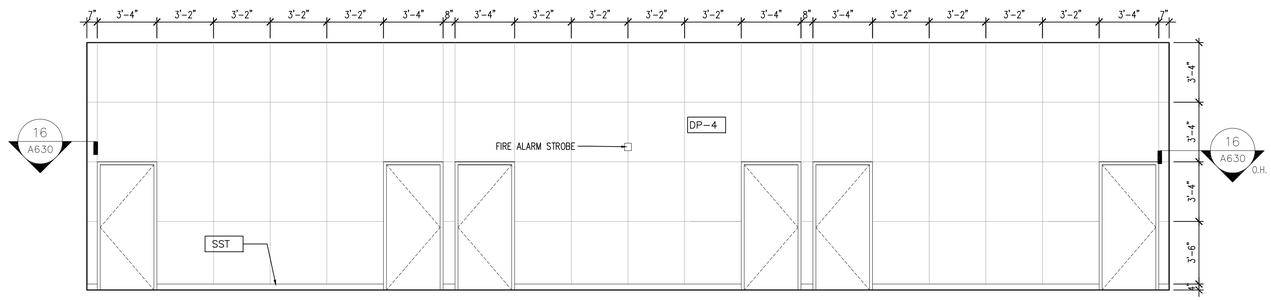
1 RENTAL CAR ELEVATION SOUTH
1/4" = 1'-0"



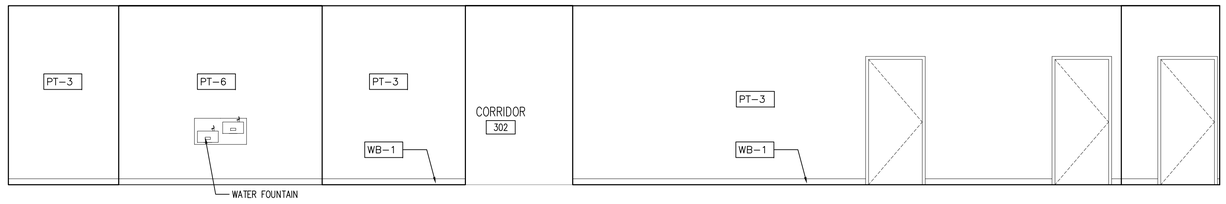
5 LOBBY PARTIAL ELEVATION EAST/WEST
1/4" = 1'-0"



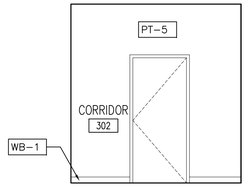
4 INTL. BAG CLAIM PARTIAL ELEVATION EAST
1/4" = 1'-0"



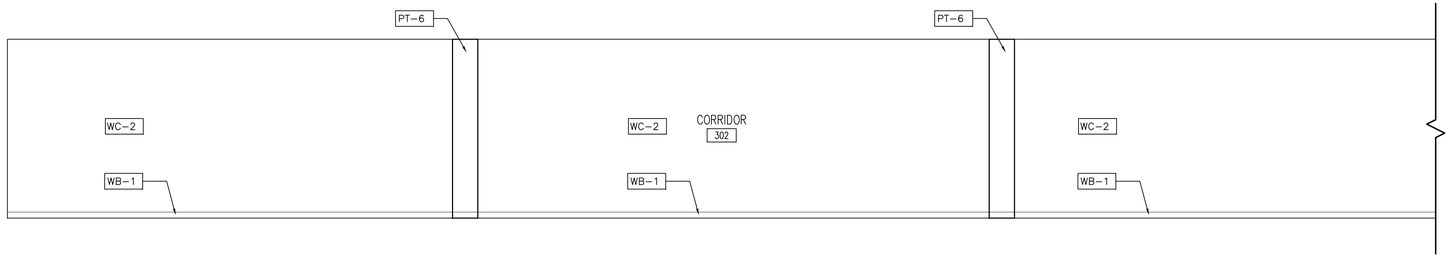
3 RENTAL CAR ELEVATION NORTH
1/4" = 1'-0"



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"

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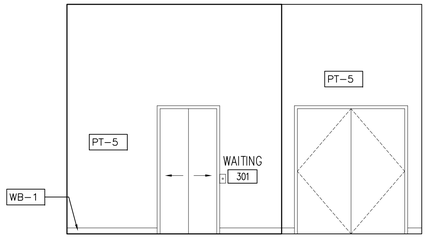
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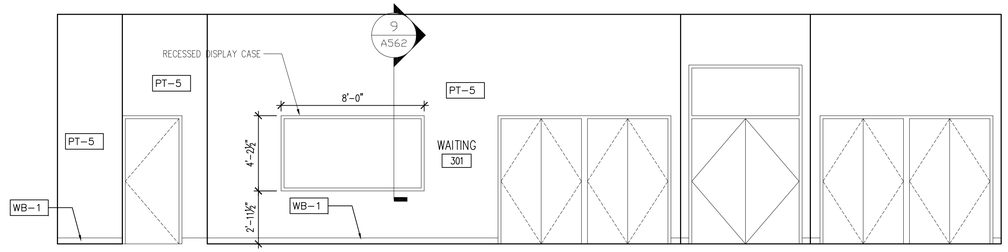
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INTERIOR ELEVATIONS

SHEET NUMBER
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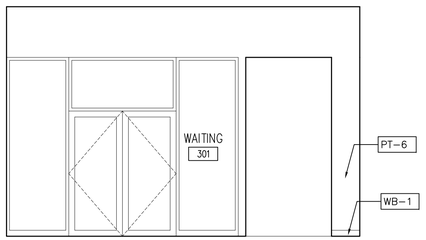
BID PACKAGE 2C



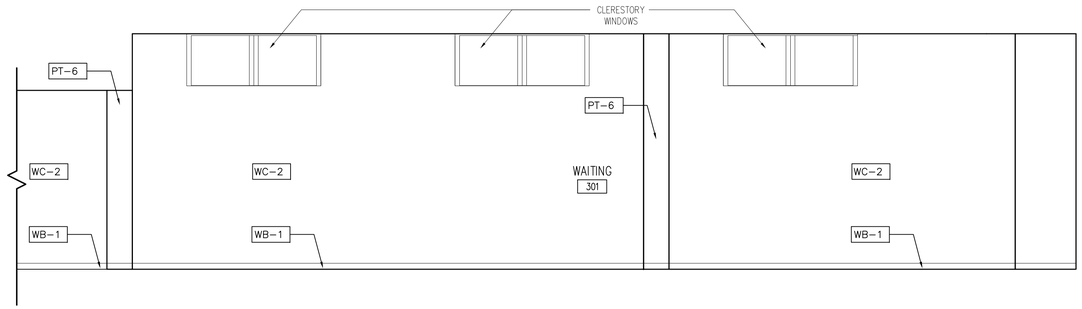
2 THIRD FLOOR WAITING ROOM ELEVATION WEST
1/4" = 1'-0"



1 THIRD FLOOR WAITING ROOM ELEVATION NORTH
1/4" = 1'-0"

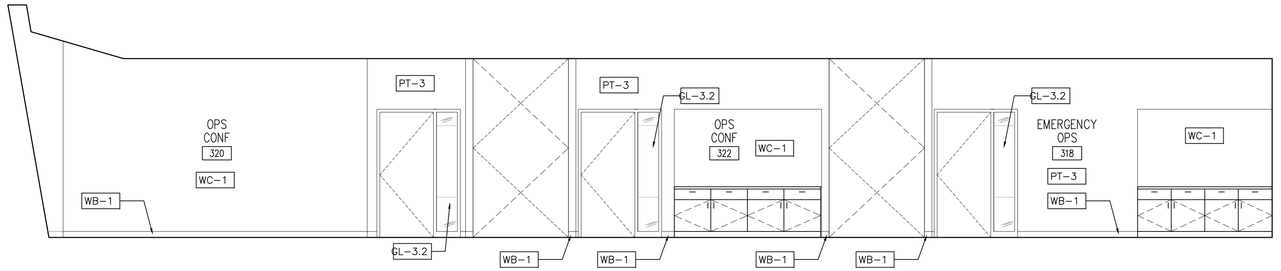


4 THIRD FLOOR WAITING ROOM ELEVATION EAST
1/4" = 1'-0"

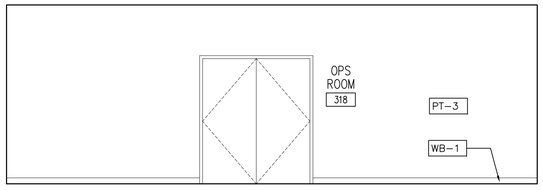


3 THIRD FLOOR WAITING ROOM ELEVATION SOUTH
1/4" = 1'-0"

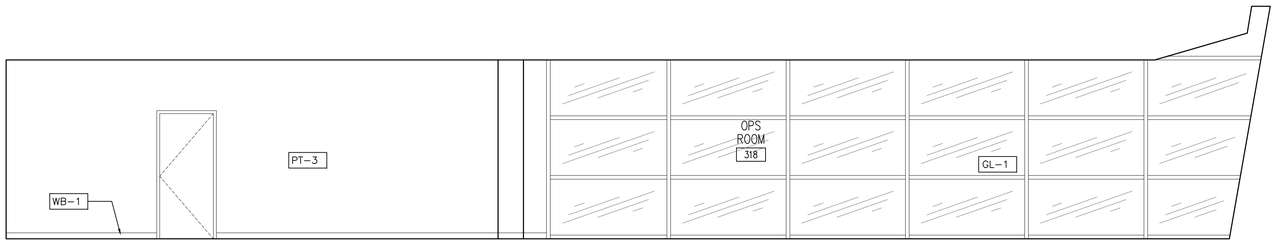
6 DELETED



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"

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	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

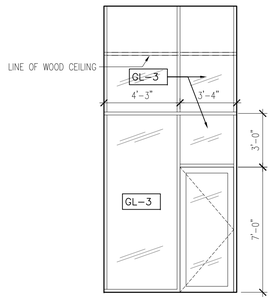
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR ELEVATIONS

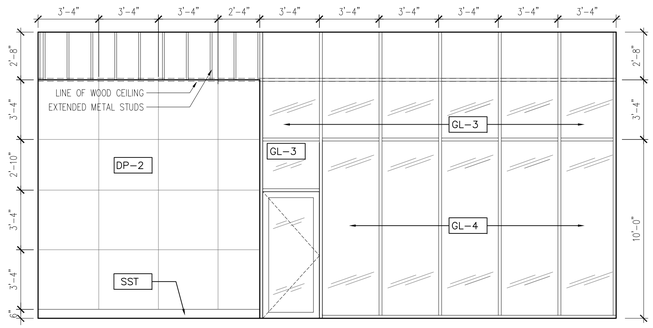
SHEET NUMBER
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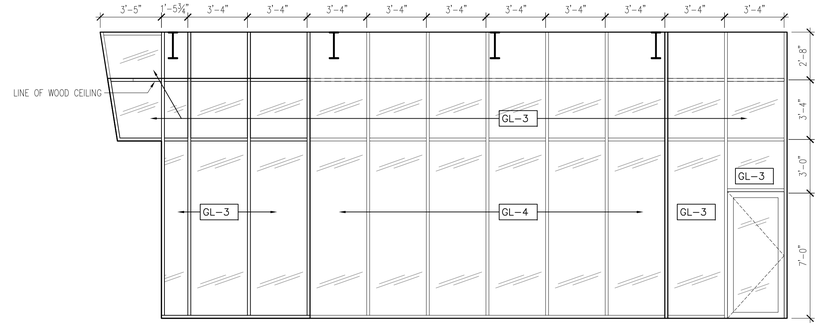
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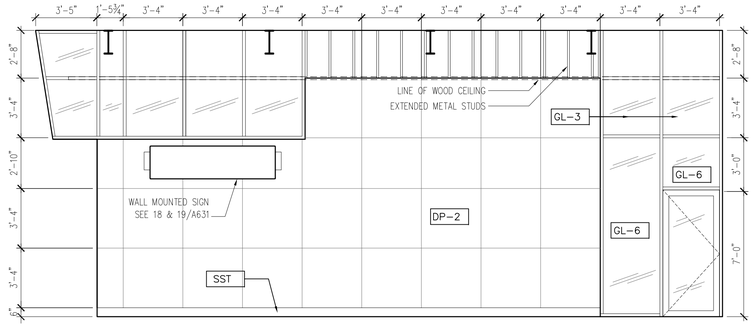
3 BOARDING LOUNGE VESTIBULE SOUTH
1/4" = 1'-0"



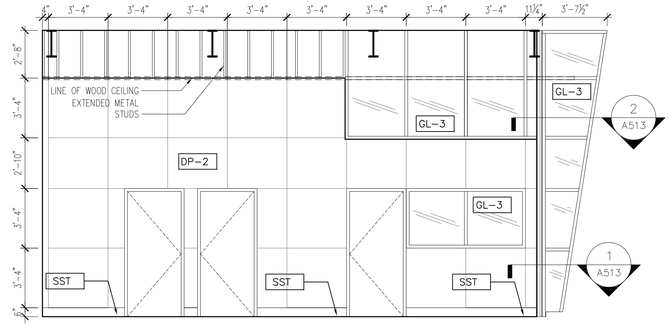
2 CORRIDOR 233 SOUTH
1/4" = 1'-0"



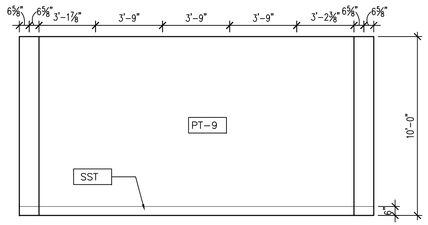
1 BOARDING LOUNGE WEST
1/4" = 1'-0"



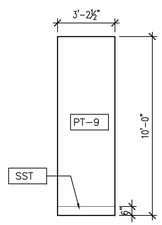
5 STERILE CORRIDOR WEST
1/4" = 1'-0"



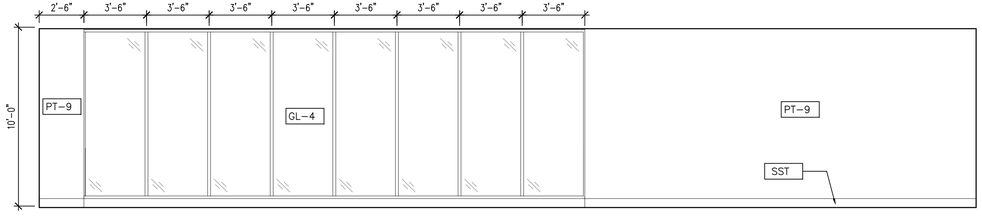
4 BOARDING LOUNGE EAST
1/4" = 1'-0"



7 TSA CHECKPOINT PARTIAL NORTH
1/4" = 1'-0"



6 DOOR ALCOVE ELEVATION EAST/WEST
1/4" = 1'-0"



8 DEPLANING CORRIDOR WEST ELEVATION
1/4" = 1'-0"

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

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Interior Architects:
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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:
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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

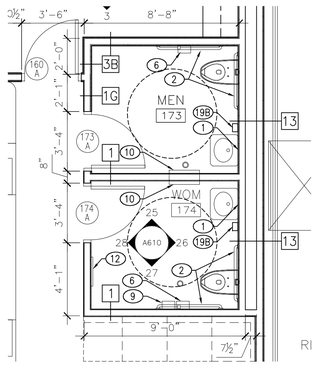
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SHEET TITLE
INTERIOR ELEVATIONS

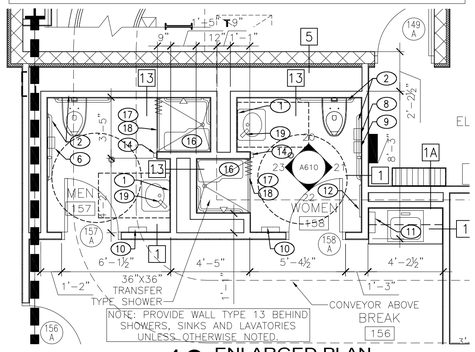
SHEET NUMBER
A608

BID PACKAGE 2C

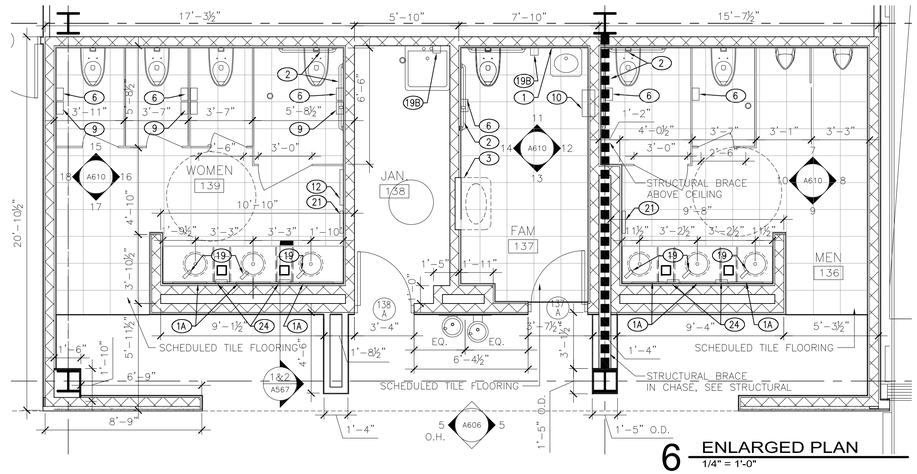
NOTES:
1. SEE A612 FOR ACCESSORY SCHEDULE.
2. PARTITIONS DIMENSIONED TO FACE OF WALL, TYP.
3. PROVIDE WOOD BLOCKING FOR TOILET PARTITIONS AND ACCESSORIES AT ALL STUD WALLS



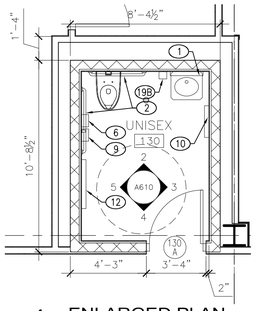
24 ENLARGED PLAN
1/4" = 1'-0"



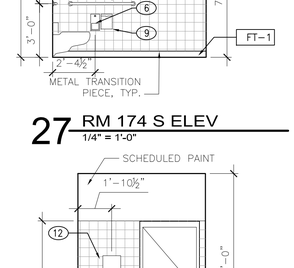
19 ENLARGED PLAN
1/4" = 1'-0"



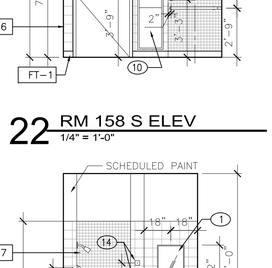
6 ENLARGED PLAN
1/4" = 1'-0"



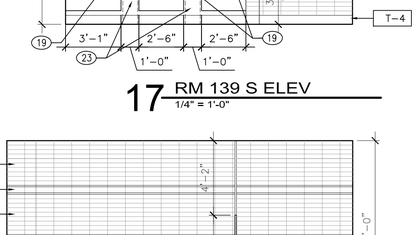
1 ENLARGED PLAN
1/4" = 1'-0"



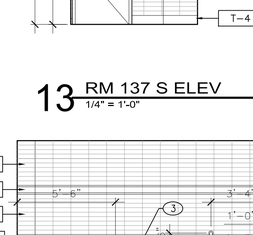
25 RM 174 N ELEV
1/4" = 1'-0"



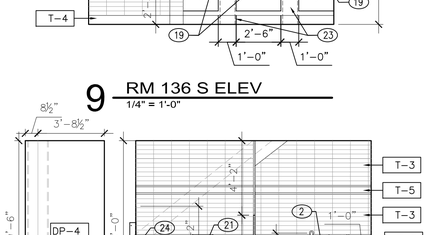
20 RM 158 N ELEV
1/4" = 1'-0"



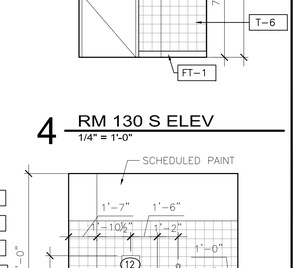
15 RM 139 N ELEV
1/4" = 1'-0"



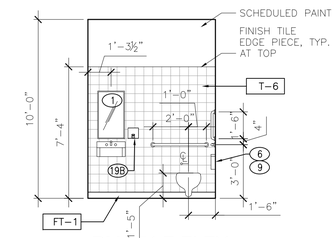
11 RM 137 N ELEV
1/4" = 1'-0"



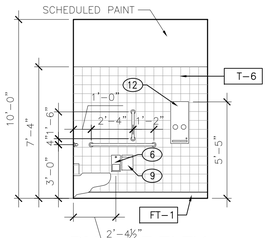
7 RM 136 N ELEV
1/4" = 1'-0"



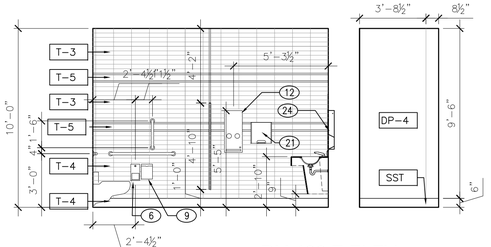
2 RM 130 N ELEV
1/4" = 1'-0"



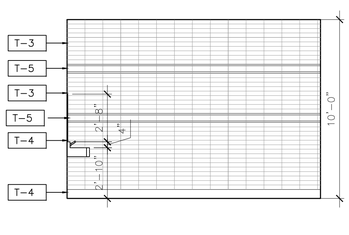
26 RM 174 E ELEV
1/4" = 1'-0"



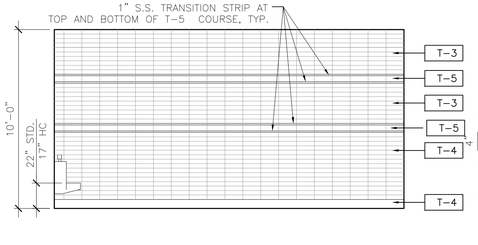
21 RM 158 E ELEV
1/4" = 1'-0"



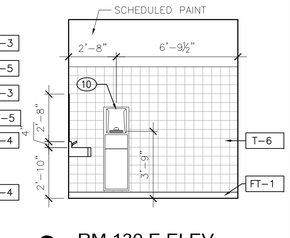
16 RM 139 E ELEV
1/4" = 1'-0"



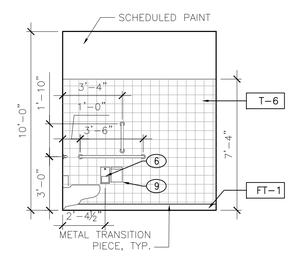
12 RM 137 E ELEV
1/4" = 1'-0"



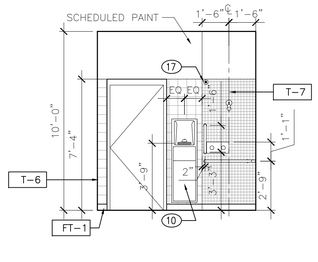
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1/4" = 1'-0"



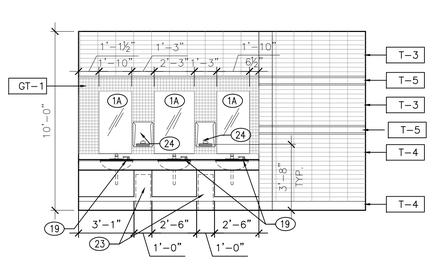
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1/4" = 1'-0"



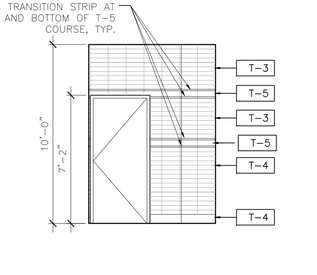
27 RM 174 S ELEV
1/4" = 1'-0"



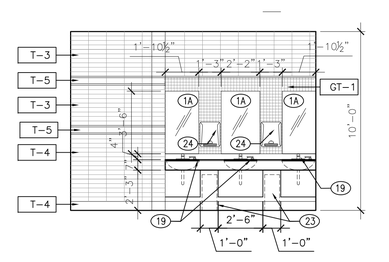
22 RM 158 S ELEV
1/4" = 1'-0"



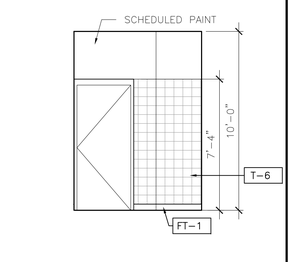
17 RM 139 S ELEV
1/4" = 1'-0"



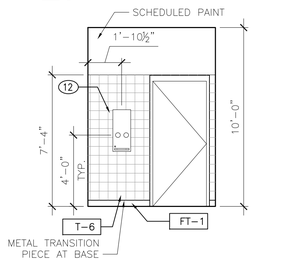
13 RM 137 S ELEV
1/4" = 1'-0"



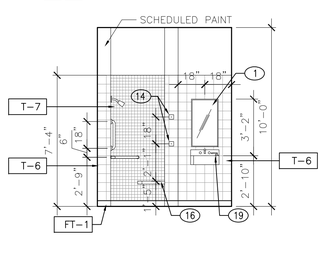
9 RM 136 S ELEV
1/4" = 1'-0"



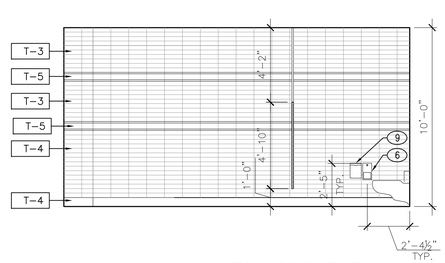
4 RM 130 S ELEV
1/4" = 1'-0"



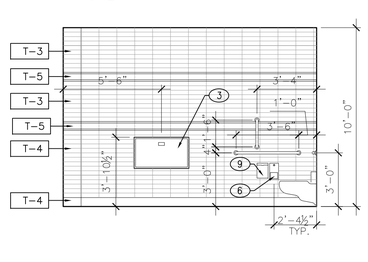
28 RM 174 W ELEV
1/4" = 1'-0"



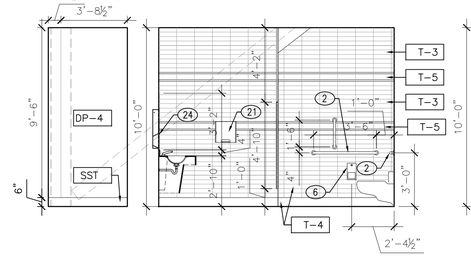
23 RM 158 W ELEV
1/4" = 1'-0"



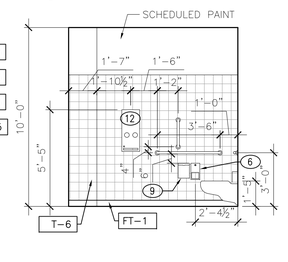
18 RM 139 W ELEV
1/4" = 1'-0"



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"

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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
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
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DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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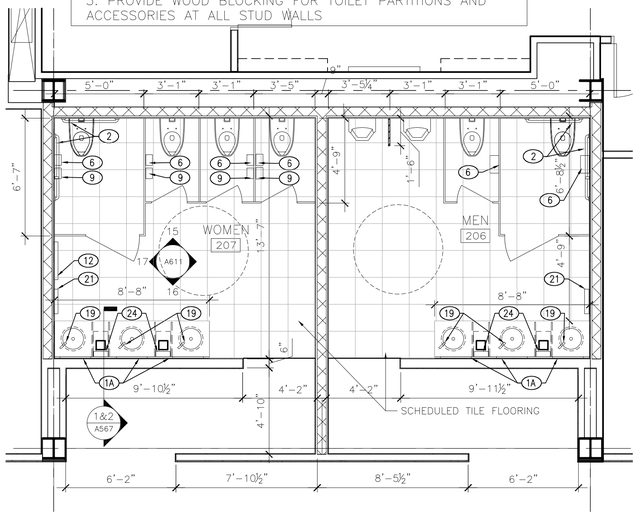
SHEET TITLE
INTERIOR SYSTEMS RESTROOMS

SHEET NUMBER
A610

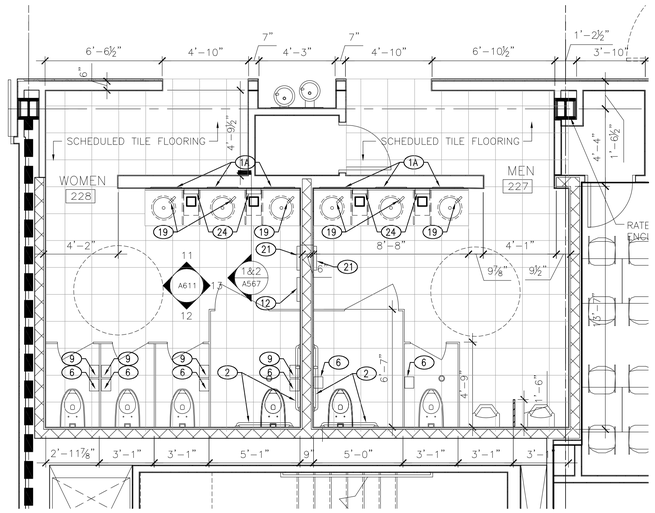
BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A610 Interior System Sheet – Restrooms.dwg Plotted on: 2/10/2012 12:25 AM Plotted by: Ip, Mark

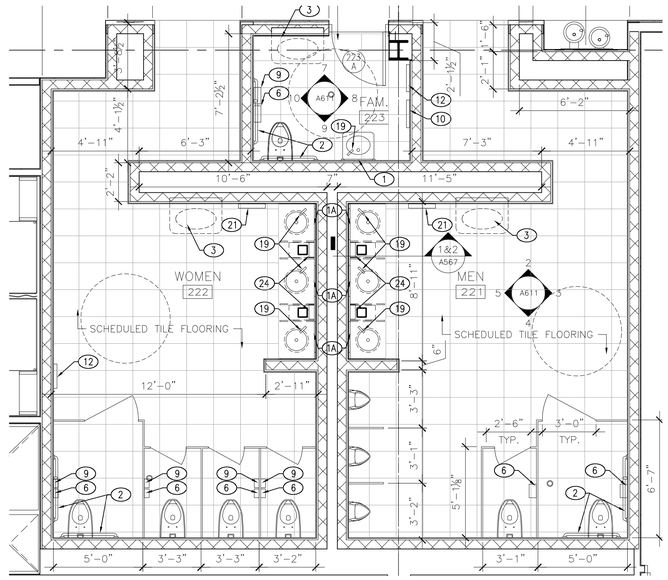
NOTES:
1. SEE A612 FOR ACCESSORY SCHEDULE.
2. PARTITIONS DIMENSIONED TO FACE OF WALL, TYP.
3. PROVIDE WOOD BLOCKING FOR TOILET PARTITIONS AND ACCESSORIES AT ALL STUD WALLS



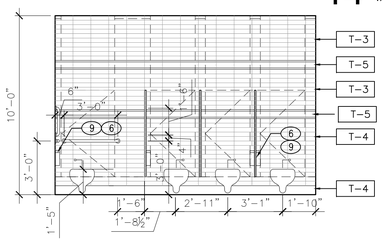
14 ENLARGED PLAN
1/4" = 1'-0"



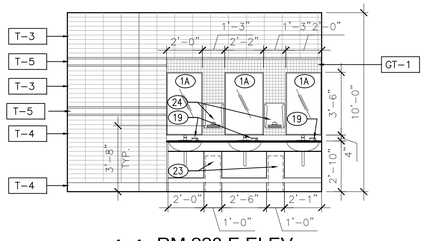
6 ENLARGED PLAN
1/4" = 1'-0"



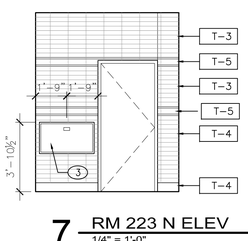
1 ENLARGED PLAN
1/4" = 1'-0"



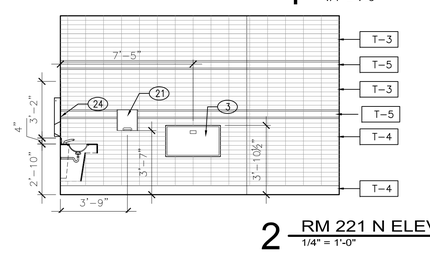
15 RM 207 N ELEV
1/4" = 1'-0"



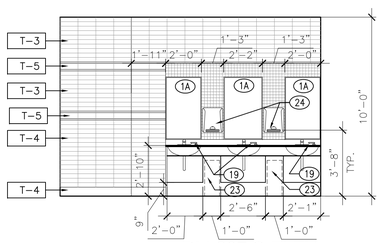
11 RM 228 E ELEV
1/4" = 1'-0"



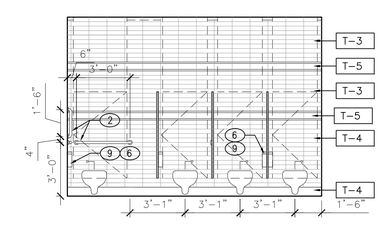
7 RM 223 N ELEV
1/4" = 1'-0"



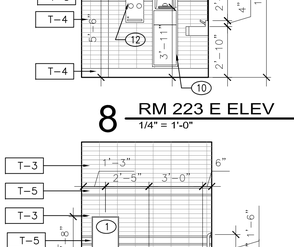
2 RM 221 N ELEV
1/4" = 1'-0"



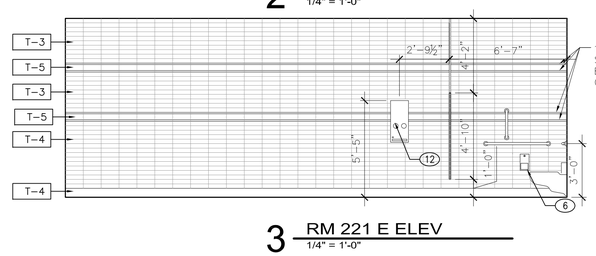
16 RM 207 S ELEV
1/4" = 1'-0"



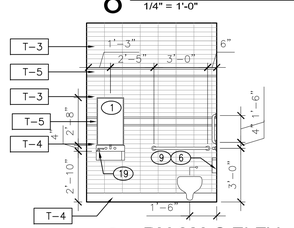
12 RM 228 S ELEV
1/4" = 1'-0"



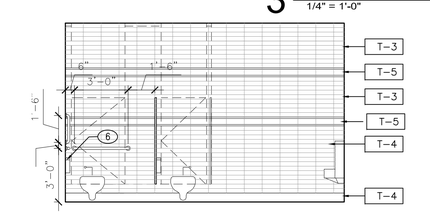
8 RM 223 E ELEV
1/4" = 1'-0"



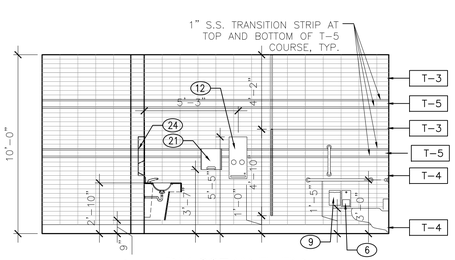
3 RM 221 E ELEV
1/4" = 1'-0"



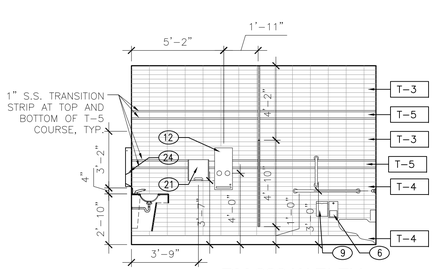
9 RM 223 S ELEV
1/4" = 1'-0"



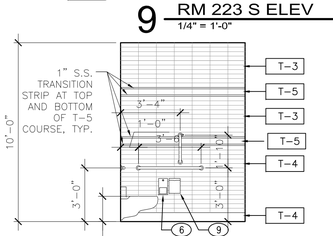
4 RM 221 S ELEV
1/4" = 1'-0"



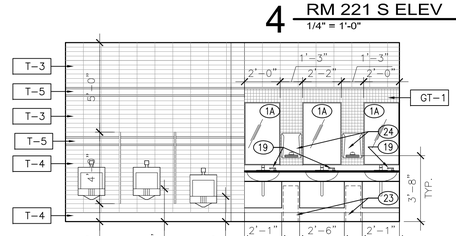
17 RM 207 W ELEV
1/4" = 1'-0"



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"

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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
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
5	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
INTERIOR SYSTEMS RESTROOMS

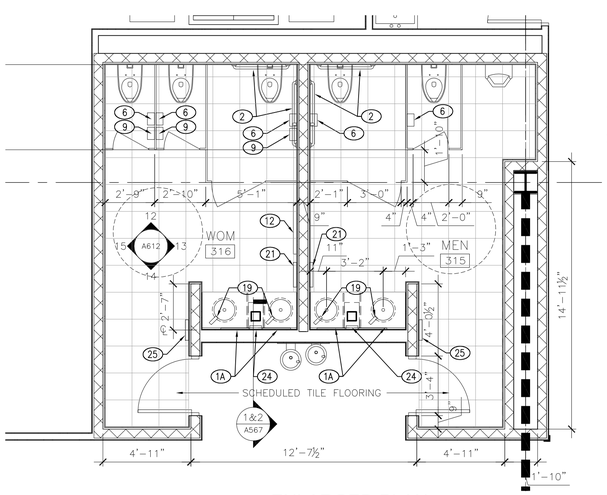
SHEET NUMBER
A611

BID PACKAGE 2C

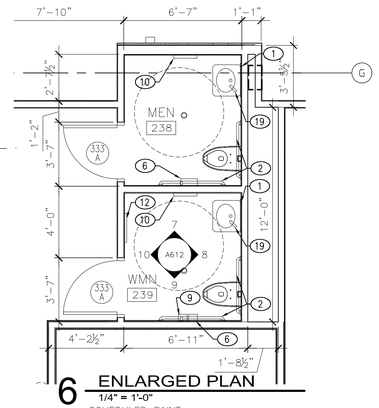
Tag #	Item	Manufacturer	Model Number	Description
1	Mirror	Bobrick	B-290 1832	Welded Frame mirror
1A	Mirror	Bobrick	B-SERIES	Welded Frame mirror, Size Varies
2	Stainless Steel Grab Bar	Bobrick	B-6800 Series	1 1/2" Dia. Satin
3	Recessed Baby Change Station	Koala Kare	KB110-SSRE	Horizontal Recess Mounted 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	Enmotion	59466 & 59491	Automated Dispenser with hardwire adapter and Trash Recept.
11	Short Paper Towel Dispenser	Enmotion	59466	Automated Dispenser with Hardwire Adapter
12	Sanitary Napkin Dispenser	Bobrick	B-47064	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.
23	S.S. Waste Receptacle	Detecto	SWC-64	64 Qt Stainless Steel
24	Paper Towel Dispenser	Enmotion	59466	Automated Dispenser with Hardwire Adapter
25	Waste Receptacle	Bobrick	B-43644	Recessed - Mount opening at 34" AFF Max

16 TOILET ACCESSORY SCHEDULE
1/4" = 1'-0"

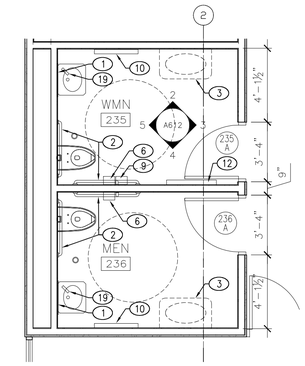
NOTES:
1. SEE A612 FOR ACCESSORY SCHEDULE.
2. PARTITIONS DIMENSIONED TO FACE OF WALL, TYP.
3. PROVIDE WOOD BLOCKING FOR TOILET PARTITIONS AND ACCESSORIES AT ALL STUD WALLS



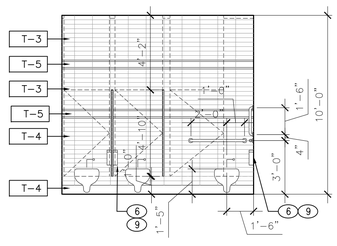
11 ENLARGED PLAN
1/4" = 1'-0"



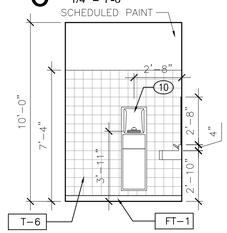
6 ENLARGED PLAN
1/4" = 1'-0"



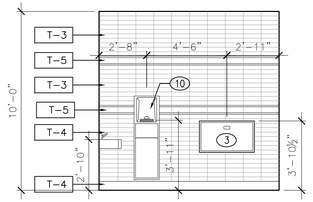
1 ENLARGED PLAN
1/4" = 1'-0"



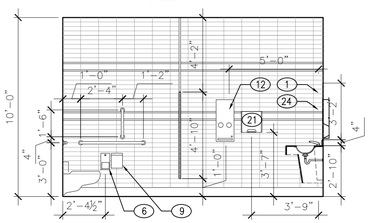
12 ELEVATION
1/4" = 1'-0"



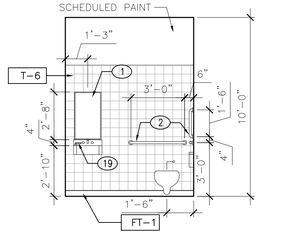
7 ELEVATION
1/4" = 1'-0"



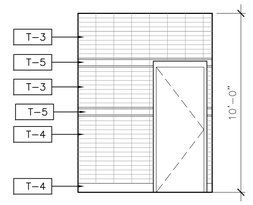
2 ELEVATION
1/4" = 1'-0"



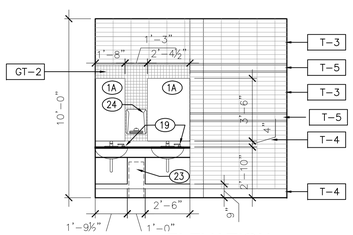
13 ELEVATION
1/4" = 1'-0"



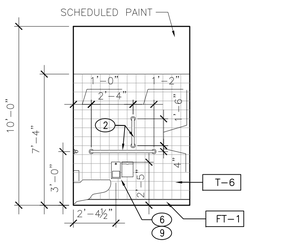
8 ELEVATION
1/4" = 1'-0"



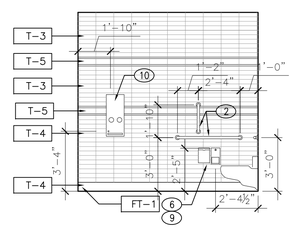
3 ELEVATION
1/4" = 1'-0"



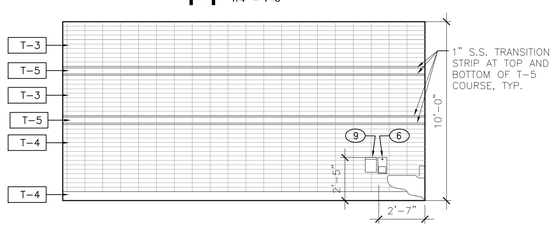
14 ELEVATION
1/4" = 1'-0"



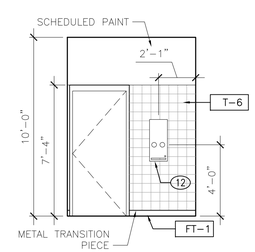
9 ELEVATION
1/4" = 1'-0"



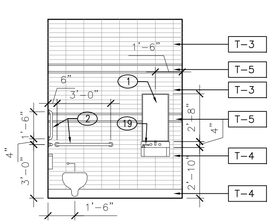
4 ELEVATION
1/4" = 1'-0"



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



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



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

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ARCHITECTURAL CERTIFICATION
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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
4	BUILDING PERMIT REVISIONS	11.12.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
5	BUILDING PERMIT REVISIONS	2.15.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
6	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MI/MK
DESIGNED BY: TC

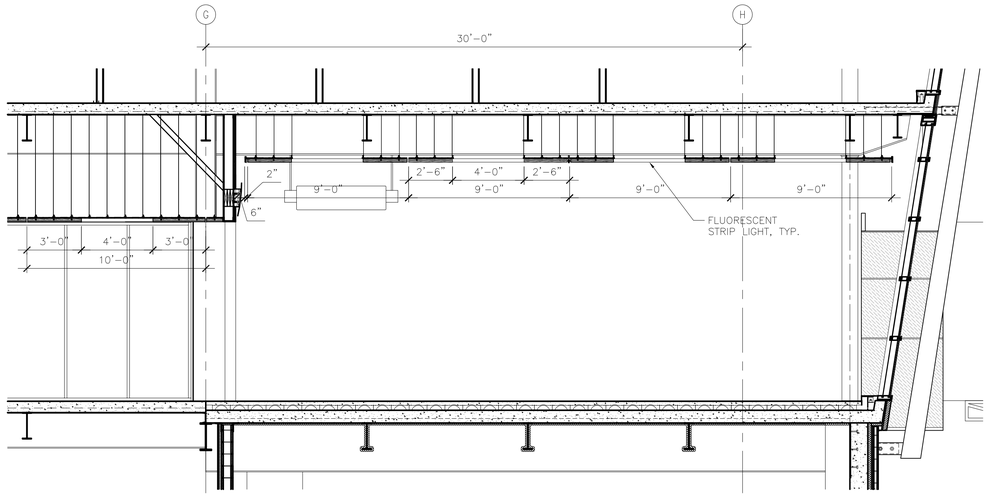
AEP PROJECT NUMBER
213-1882-091

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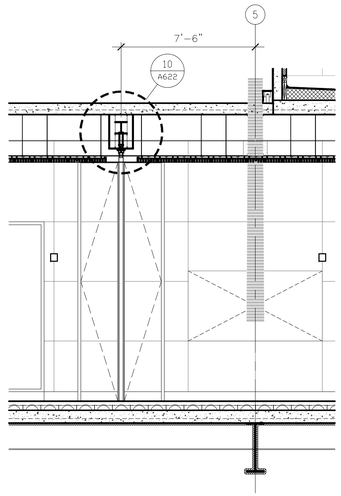
SHEET TITLE
INTERIOR SYSTEMS RESTROOMS

SHEET NUMBER
A612

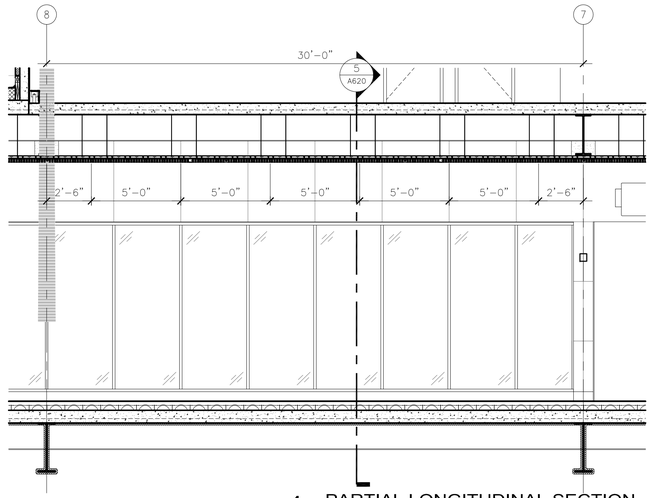
BID PACKAGE 2C



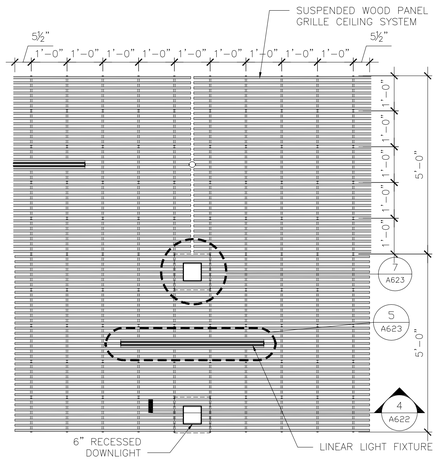
5 PARTIAL CROSS SECTION
1/4" = 1'-0"



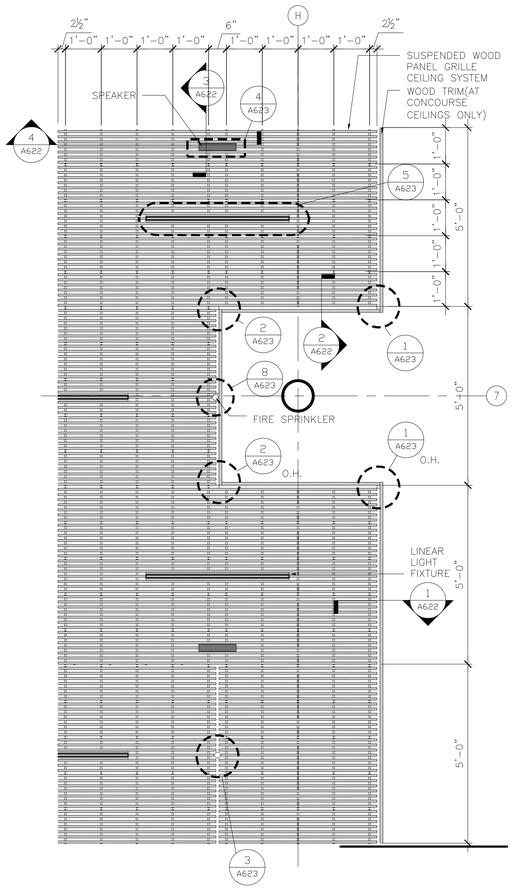
3 PARTIAL LONGITUDINAL SECTION
1/4" = 1'-0"



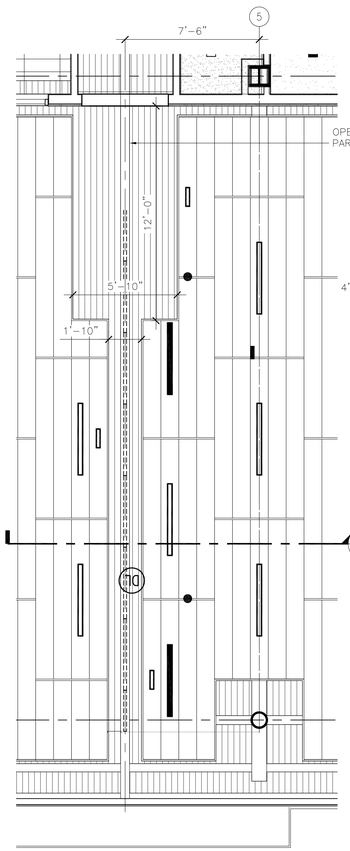
1 PARTIAL LONGITUDINAL SECTION
1/4" = 1'-0"



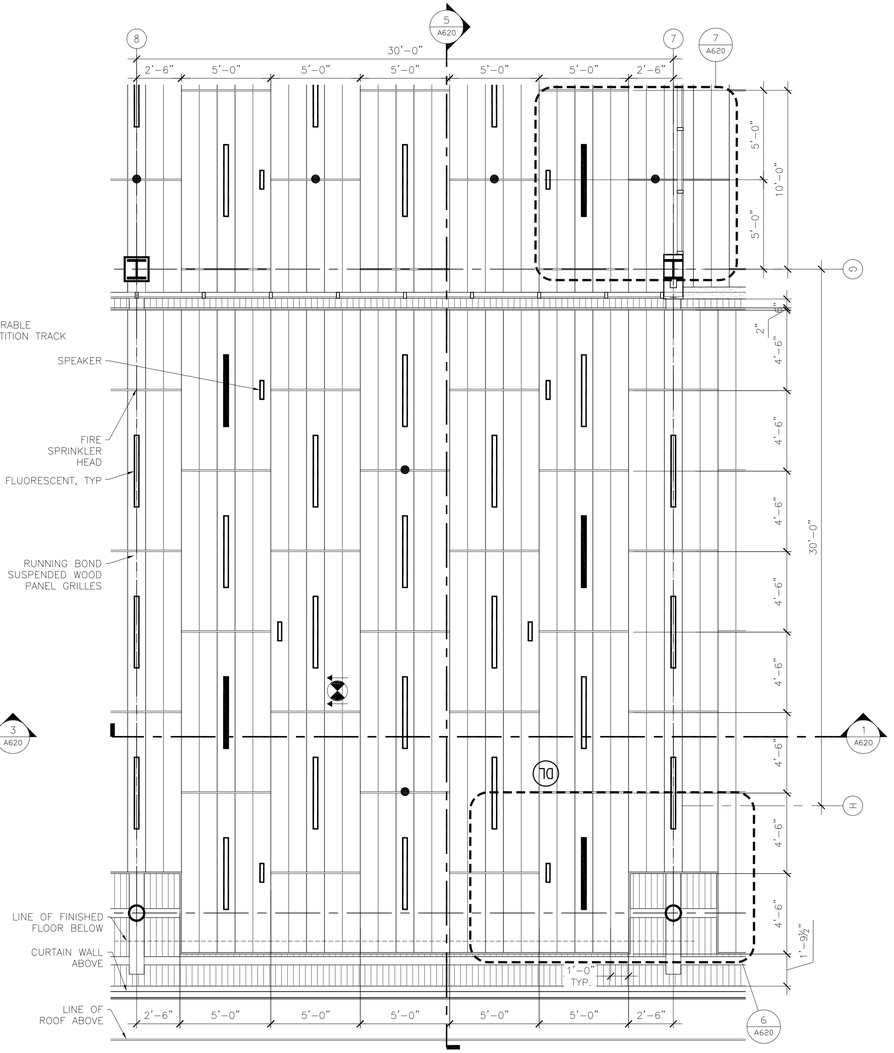
7 ENLARGED PLAN DETAIL
RENT-A-CAR COUNTERS
1/2" = 1'-0"



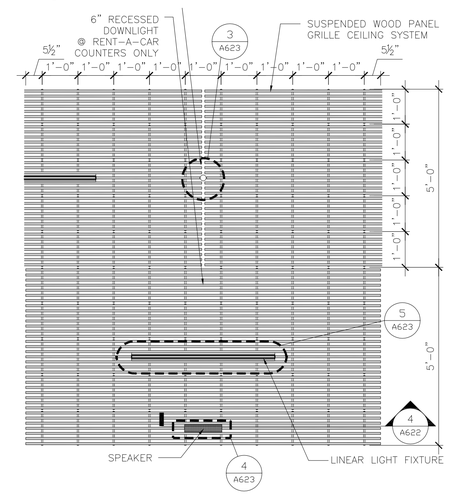
6 ENLARGED PLAN DETAIL - CONCOURSE
1/2" = 1'-0"



4 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"



2 ENLARGED REFLECTED CEILING PLAN
1/4" = 1'-0"



8 ENLARGED PLAN DETAIL
1ST FLR AND TSA CHECKPOINT
1/2" = 1'-0"

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TEL: (218) 591-5079

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
XXX.XXX.**213-1882-091** 2/10/12-00 12:00p

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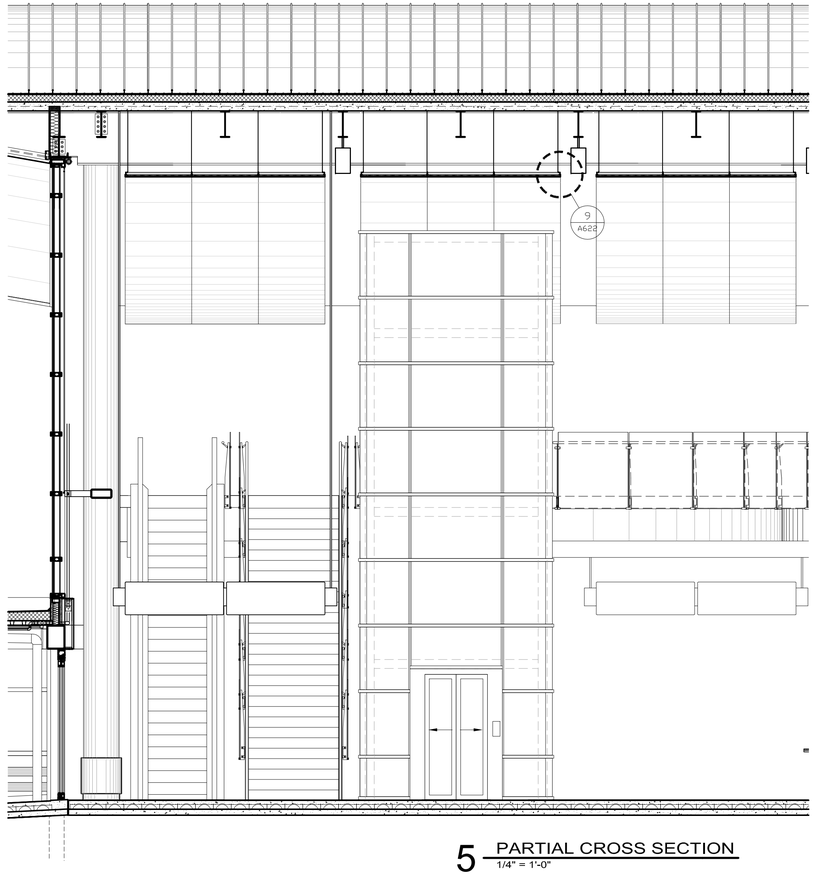
SHEET TITLE

INTERIOR SYSTEM SHEET WOOD CEILING

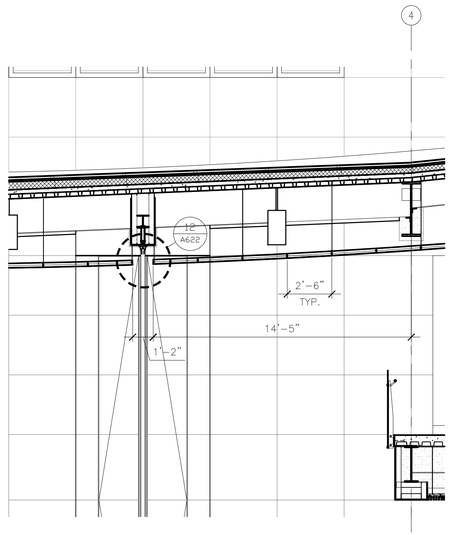
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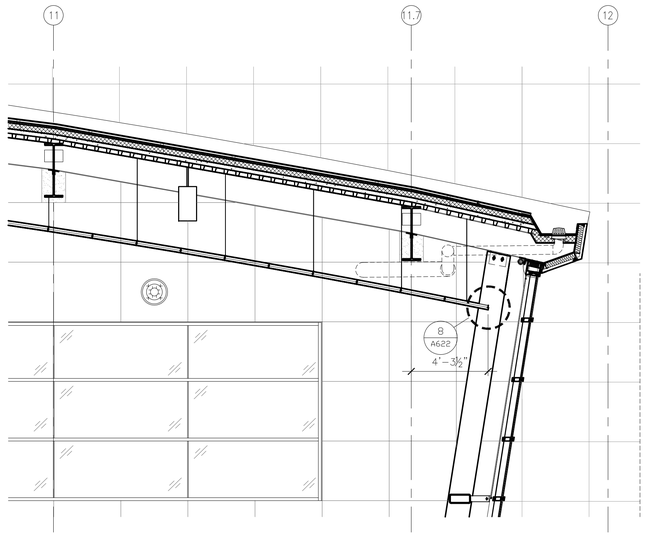
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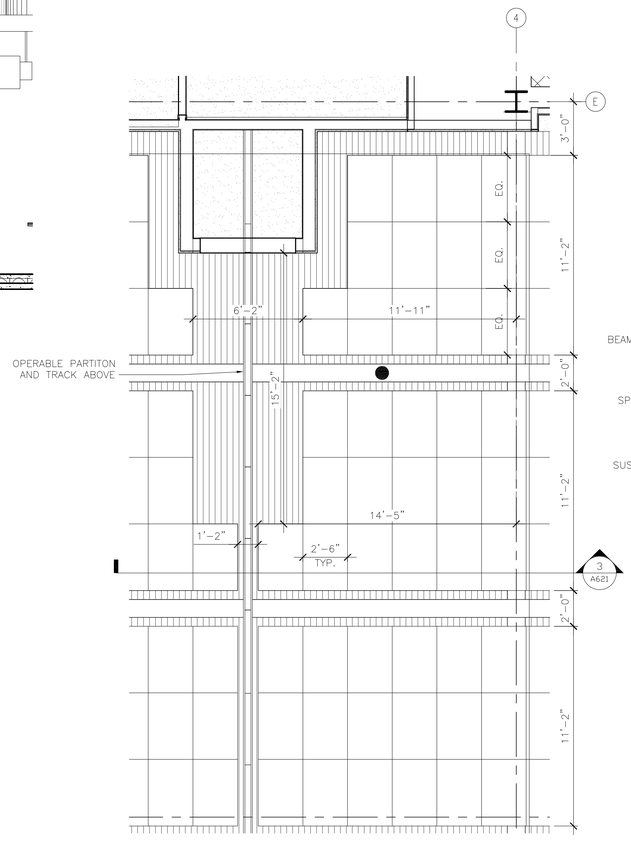
5 PARTIAL CROSS SECTION
1/4" = 1'-0"



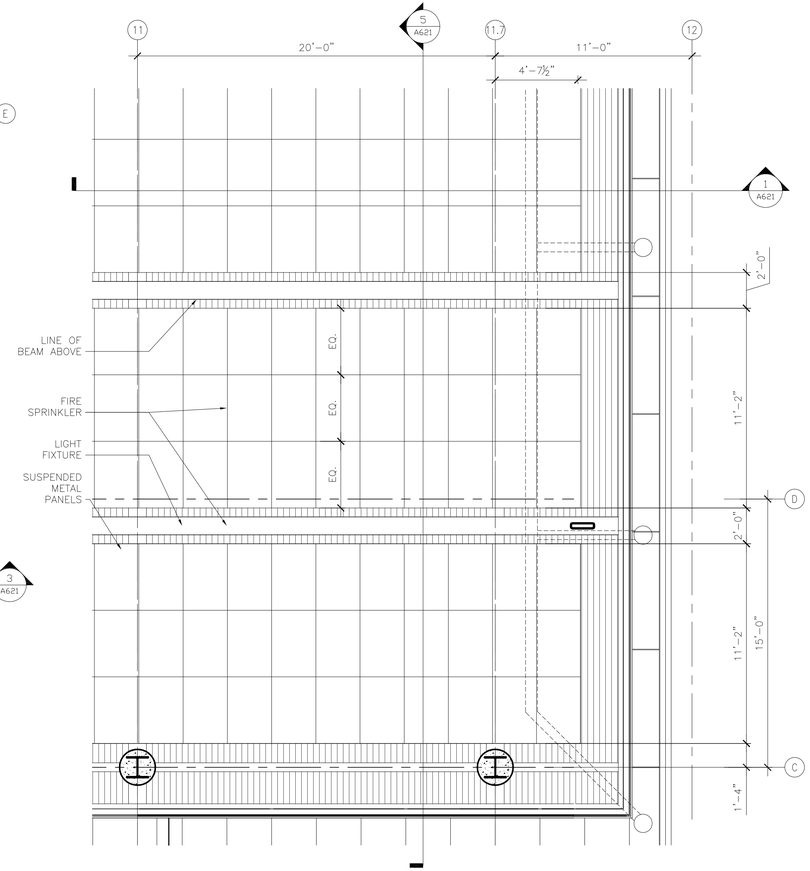
3 PARTIAL LONGITUDINAL SECTION
1/4" = 1'-0"



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"

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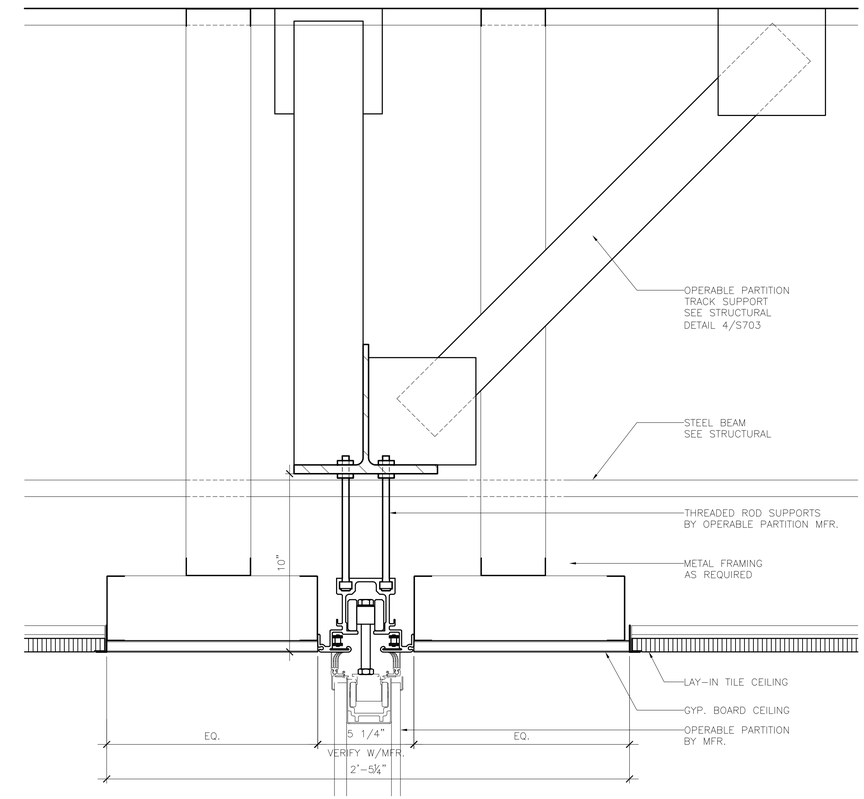
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213-1882-091

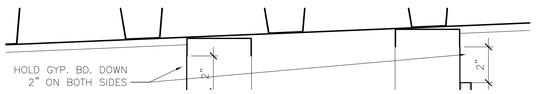
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
INTERIOR SYSTEM SHEET METAL CEILING

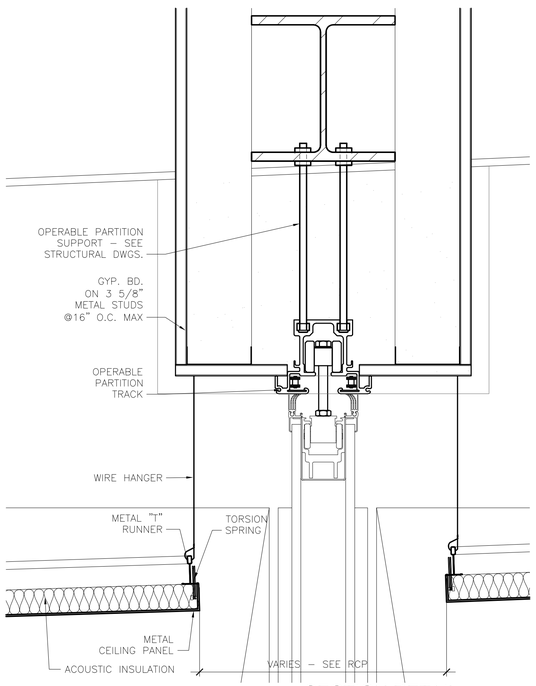
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BID PACKAGE 2C

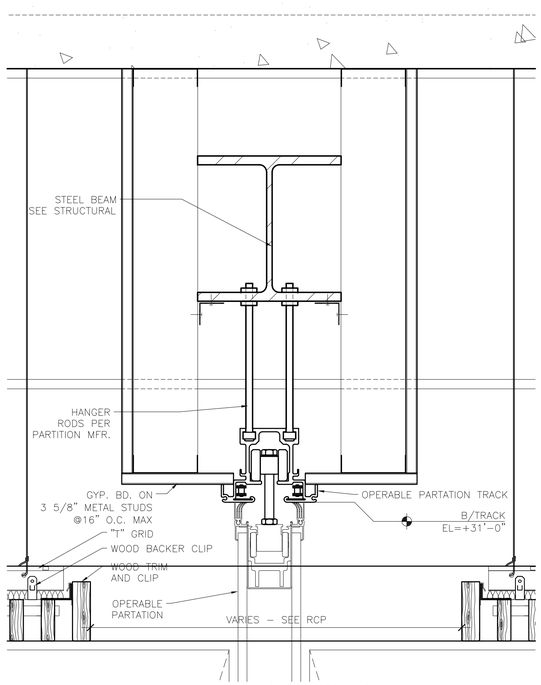




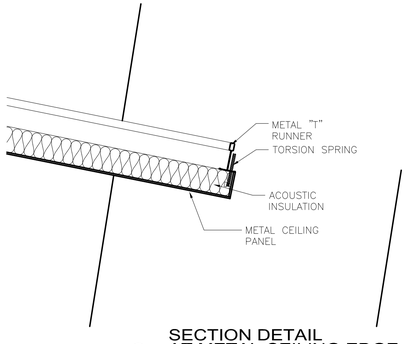
11 SECTION DETAIL AT OPERABLE PARTITION
3" = 1'-0"



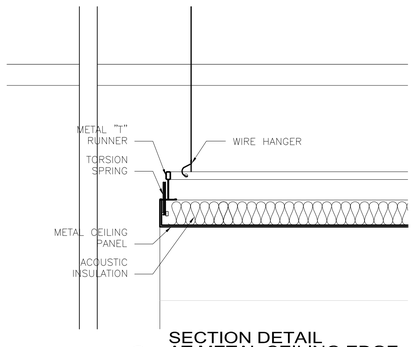
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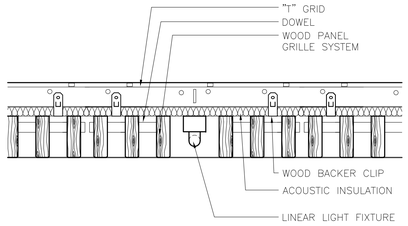
10 SECTION DETAIL AT OPERABLE PARTITION
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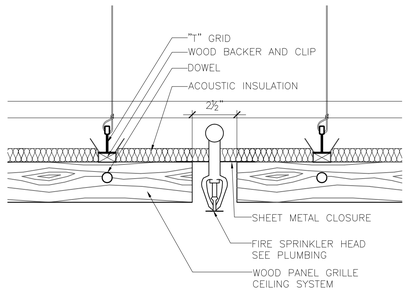
8 SECTION DETAIL AT METAL CEILING EDGE
3" = 1'-0"



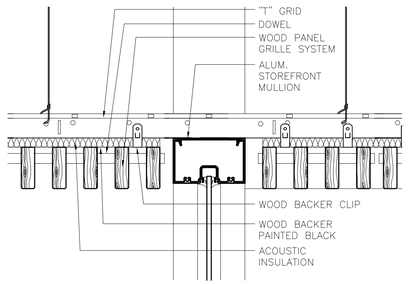
9 SECTION DETAIL AT METAL CEILING EDGE
3" = 1'-0"



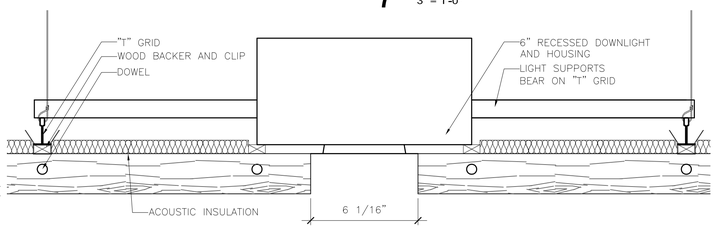
5 SECTION DETAIL LIGHT AT WOOD CEILING
3" = 1'-0"



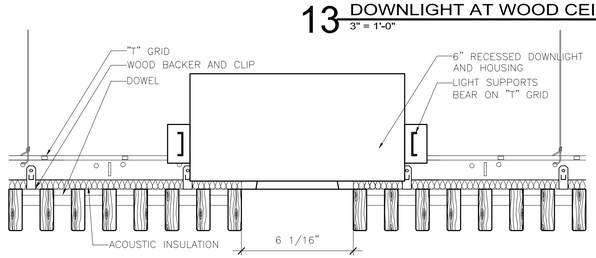
6 SECTION DETAIL SPRINKLER AT WOOD CEILING
3" = 1'-0"



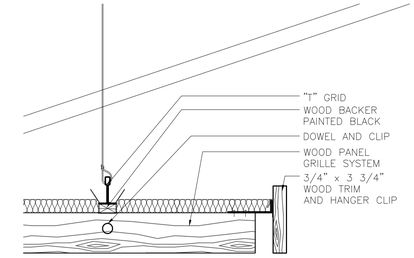
7 SECTION DETAIL AT FBO STOREFRONT
3" = 1'-0"



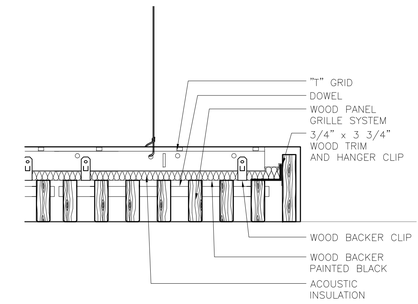
13 DOWNLIGHT AT WOOD CEILING
3" = 1'-0"



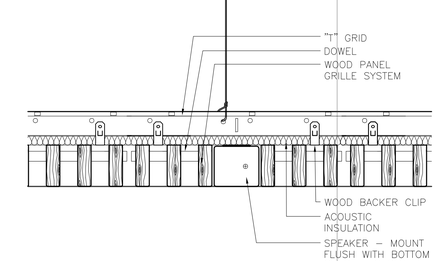
14 DOWNLIGHT AT WOOD CEILING
3" = 1'-0"



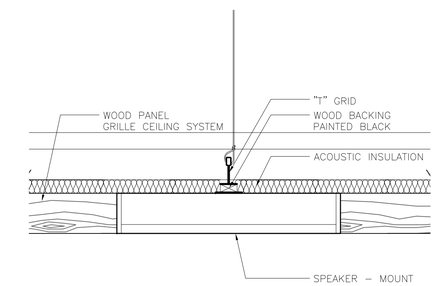
1 SECTION DETAIL WOOD CEILING TRIM
3" = 1'-0"
AT CONCOURSE CEILING ONLY



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"

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REVISIONS

NO.	DESCRIPTION	DATE
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BP2B ADDENDUM 2	9.15.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
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DESIGNED BY: TC

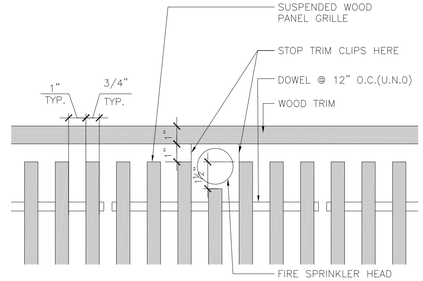
AEP PROJECT NUMBER
213-1882-091
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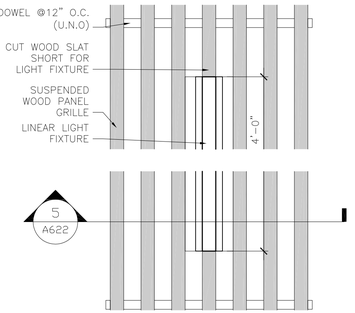
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CEILING SECTION DETAILS

SHEET NUMBER
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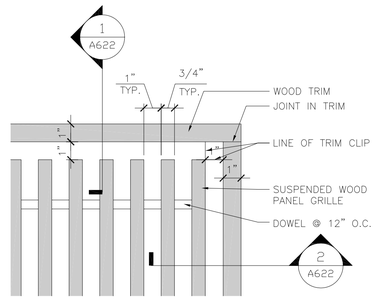
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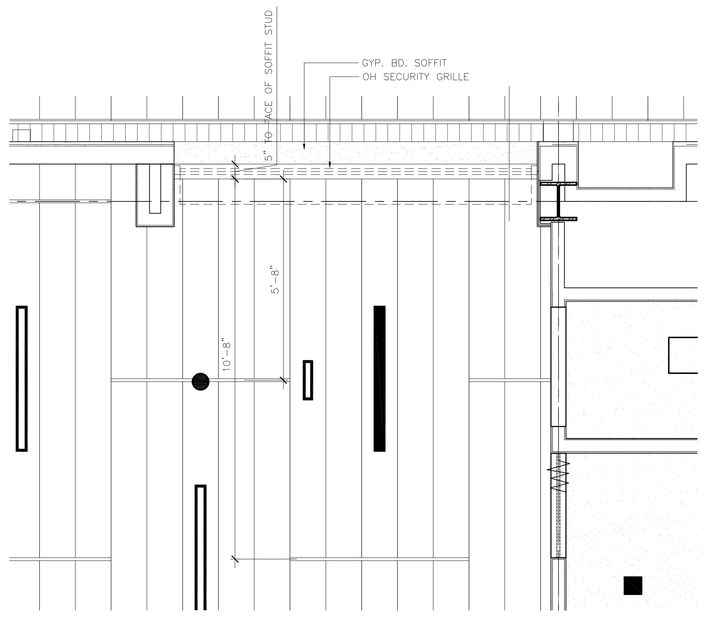
8 PLAN DETAIL - SPRINKLER HEAD @ TRIM
3" = 1'-0"



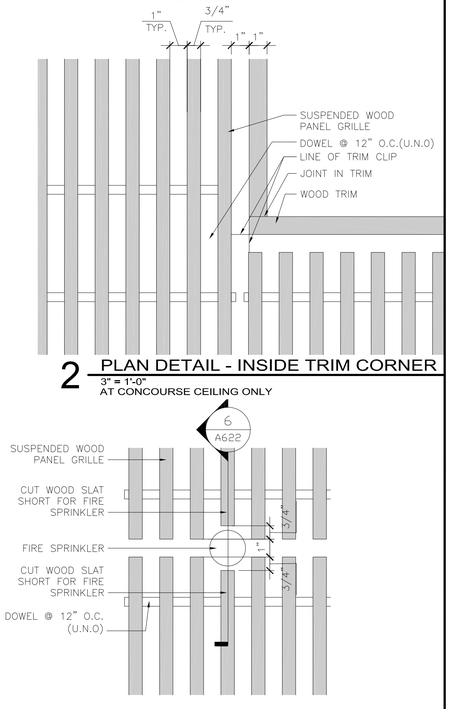
5 PLAN DETAIL - LINER FLUORESCENT LIGHT
3" = 1'-0"



1 PLAN DETAIL - OUTSIDE TRIM CORNER
3" = 1'-0"
AT CONCOURSE CEILING ONLY

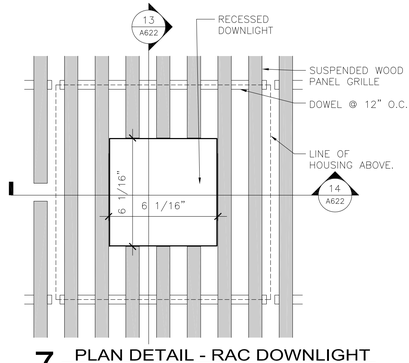


6 PLAN DETAIL - CUSTOM LENGTH WOOD CEILINGS @ OVERHEAD SECURITY GRILLES
3" = 1'-0"

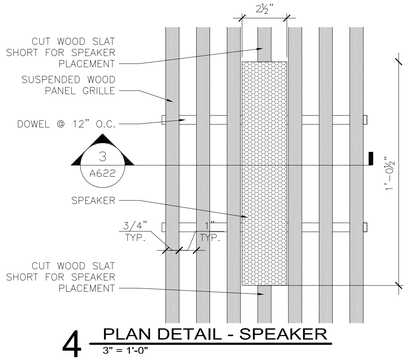


2 PLAN DETAIL - INSIDE TRIM CORNER
3" = 1'-0"
AT CONCOURSE CEILING ONLY

3 PLAN DETAIL - SPRINKLER HEAD
3" = 1'-0"



7 PLAN DETAIL - RAC DOWNLIGHT
3" = 1'-0"



4 PLAN DETAIL - SPEAKER
3" = 1'-0"

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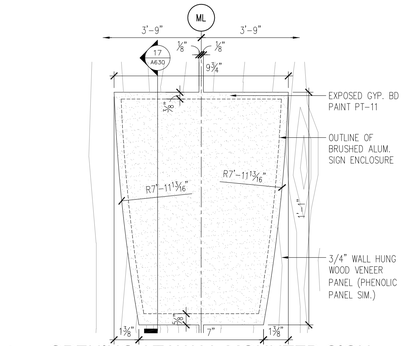
AEP PROJECT NUMBER
213-1882-091
XXX.DWG XX-XX-00 12:00p

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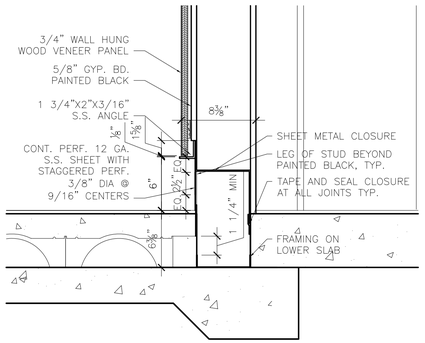
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CEILING PLAN DETAILS

SHEET NUMBER
A623

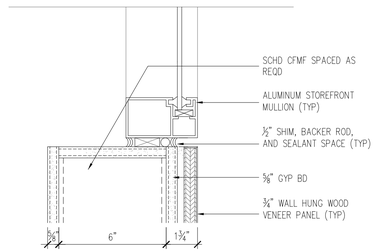
BID PACKAGE 2C



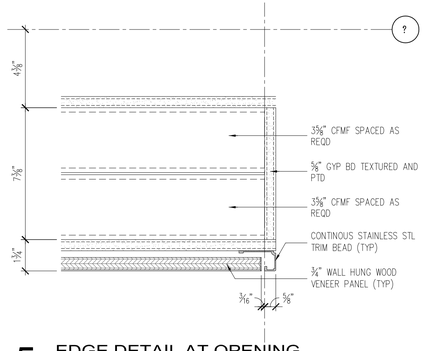
17 OPENING AT WALL MOUNTED SIGN
3" = 1'-0"
DETAIL SIM @ PANEL CENTER



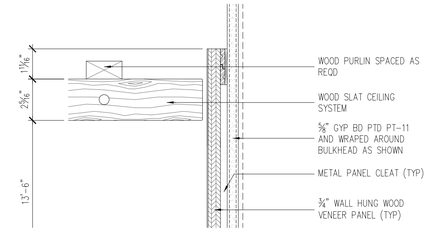
13 TOE SPACE DIFFUSER DETAIL
1 1/2" = 1'-0"



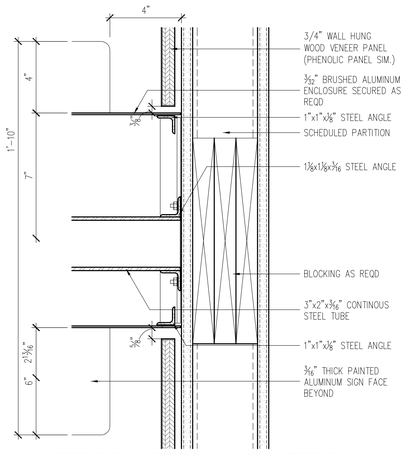
9 STOREFRONT SYSTEM BASE DETAIL
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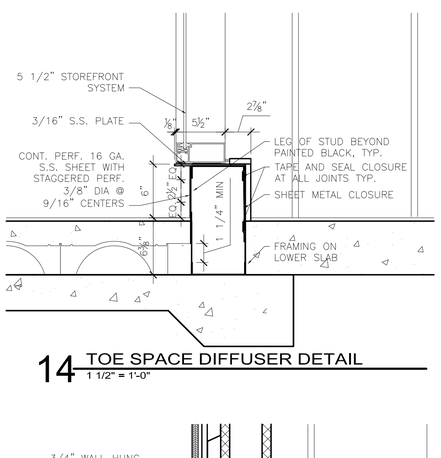
5 EDGE DETAIL AT OPENING
3" = 1'-0"



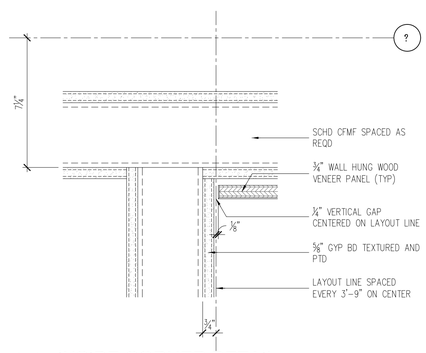
1 CEILING DETAIL AT MEZZANINE
3" = 1'-0"



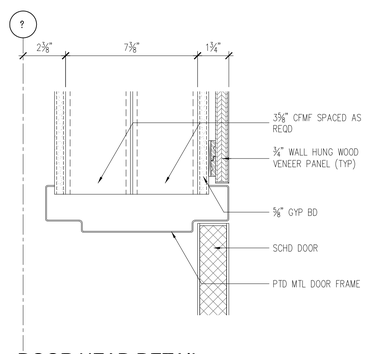
18 SECTION AT WALL MOUNTED SIGN
3" = 1'-0"



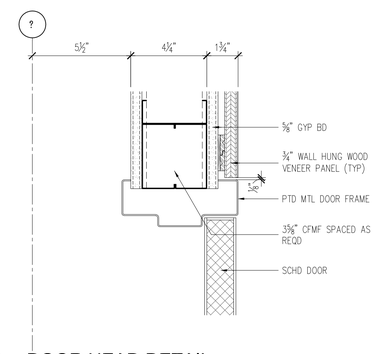
14 TOE SPACE DIFFUSER DETAIL
1 1/2" = 1'-0"



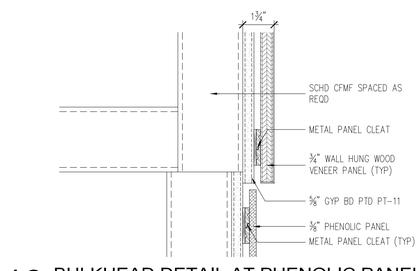
10 INSIDE CORNER DETAIL
3" = 1'-0"



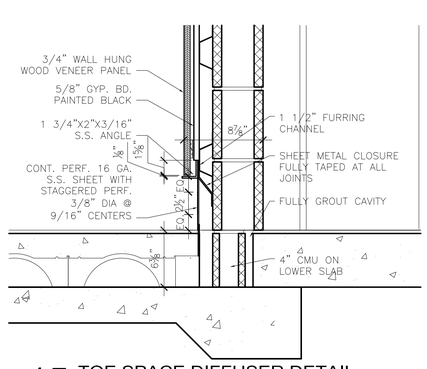
6 DOOR HEAD DETAIL
3" = 1'-0"



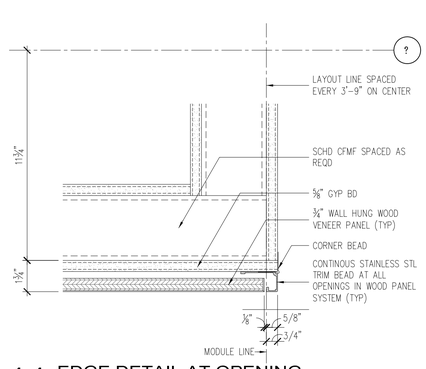
2 DOOR HEAD DETAIL
3" = 1'-0"



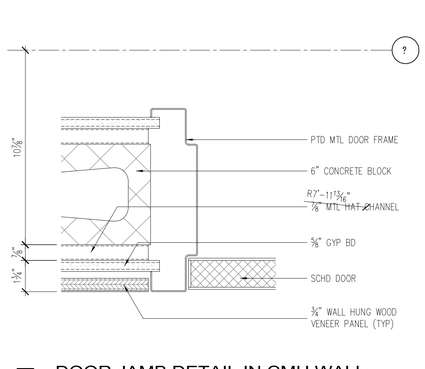
19 BULKHEAD DETAIL AT PHENOLIC PANEL
3" = 1'-0"



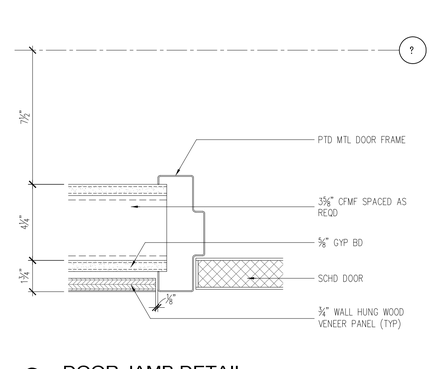
15 TOE SPACE DIFFUSER DETAIL
1 1/2" = 1'-0"



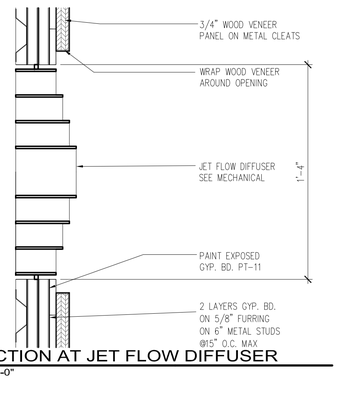
11 EDGE DETAIL AT OPENING
3" = 1'-0"



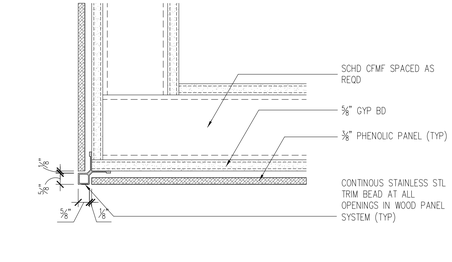
7 DOOR JAMB DETAIL IN CMU WALL
3" = 1'-0"



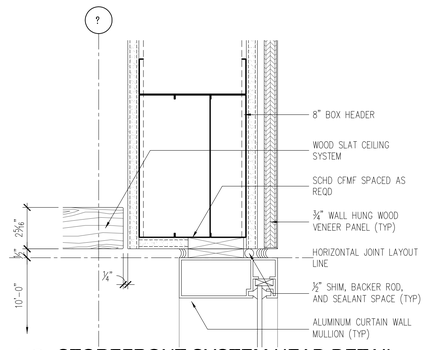
3 DOOR JAMB DETAIL
3" = 1'-0"



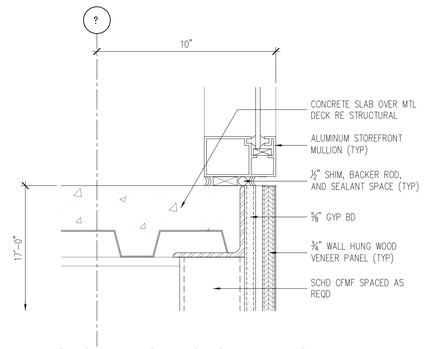
20 SECTION AT JET FLOW DIFFUSER
3" = 1'-0"



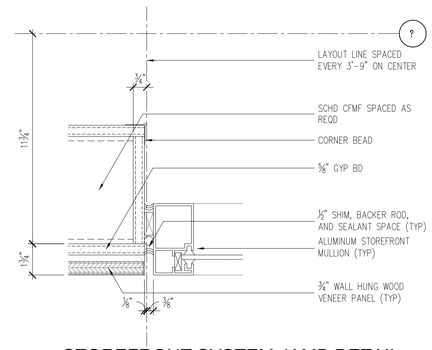
16 PHENOLIC PANEL TRIM DETAIL
3" = 1'-0"



12 STOREFRONT SYSTEM HEAD DETAIL
3" = 1'-0"



8 STOREFRONT SYSTEM BASE DETAIL
3" = 1'-0"



4 STOREFRONT SYSTEM JAMB DETAIL
3" = 1'-0"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

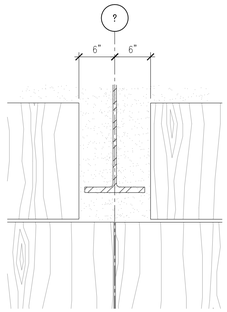
AEP PROJECT NUMBER
213-1882-091

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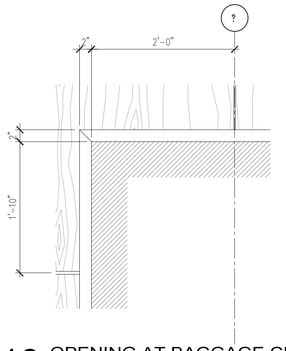
SHEET TITLE
FEATURE WALL SYSTEM DETAILS

SHEET NUMBER
A630

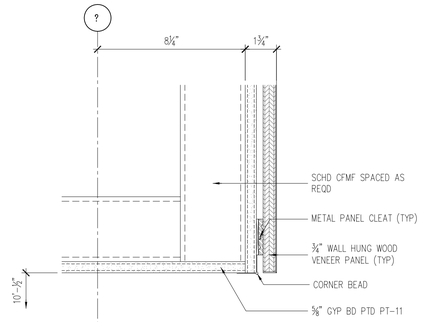
BID PACKAGE 2C



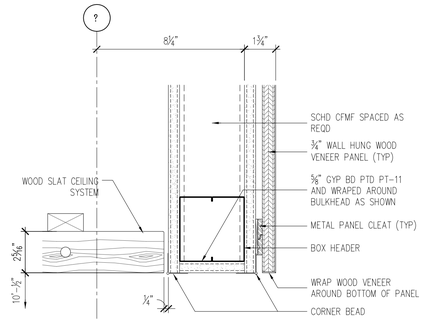
17 AIRSIDE BEAM CUT OUT
1" = 1'-0"



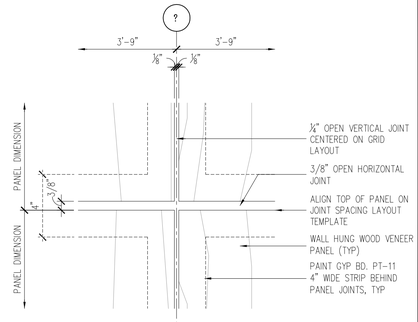
13 OPENING AT BAGGAGE CHUTE
1" = 1'-0"



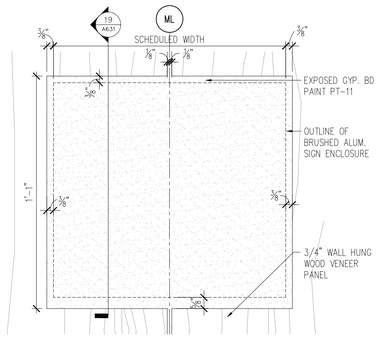
9 BULKHEAD DETAIL AT GYP BD CEILING
3" = 1'-0"



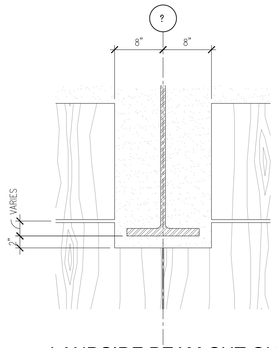
5 BULKHEAD DETAIL AT WOOD CEILING
3" = 1'-0"



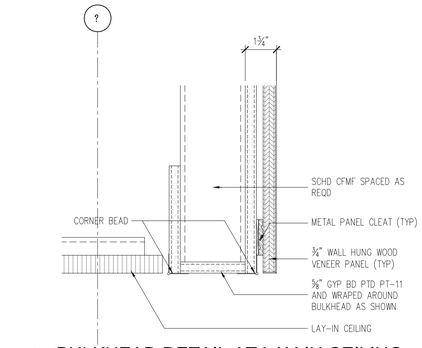
1 PANEL INTERSECTION DETAIL
3" = 1'-0"



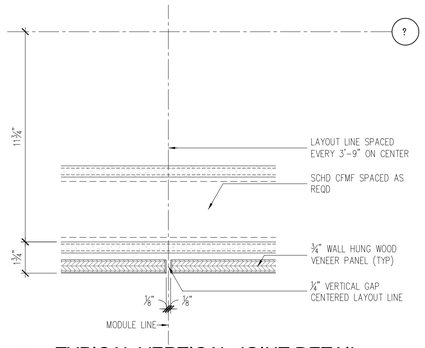
18 OPENING AT WALL MOUNTED SIGN
3" = 1'-0"



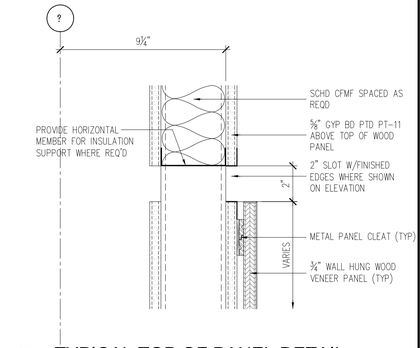
14 LANDSIDE BEAM CUT OUT
1" = 1'-0"



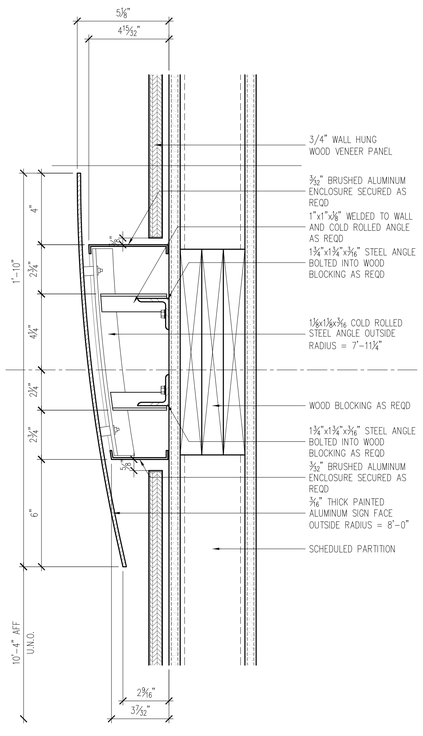
10 BULKHEAD DETAIL AT LAY-IN CEILING
3" = 1'-0"



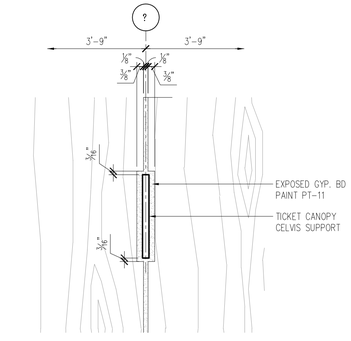
6 TYPICAL VERTICAL JOINT DETAIL
3" = 1'-0"



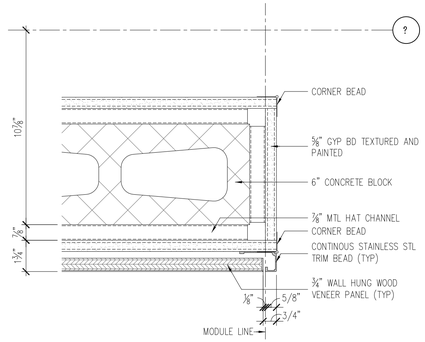
2 TYPICAL TOP OF PANEL DETAIL
3" = 1'-0"



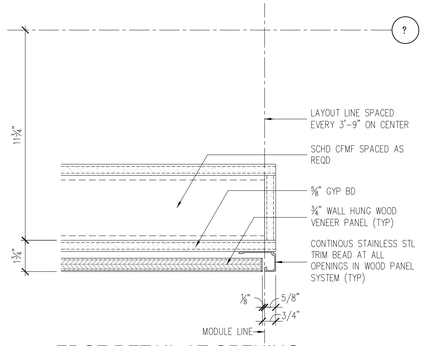
19 SECTION AT WALL MOUNTED SIGN
3" = 1'-0"



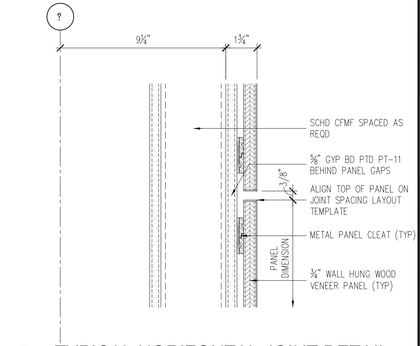
15 OPENING AT TICKET CANOPY SUPPORT
3" = 1'-0"



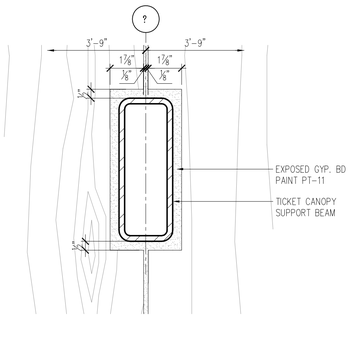
11 EDGE DETAIL AT OPENING IN CMU
3" = 1'-0"



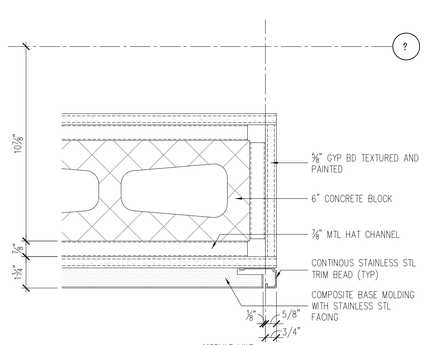
7 EDGE DETAIL AT OPENING
3" = 1'-0"



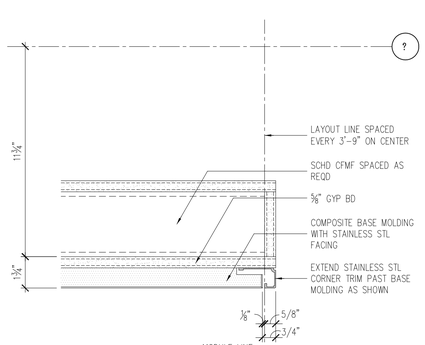
3 TYPICAL HORIZONTAL JOINT DETAIL
3" = 1'-0"



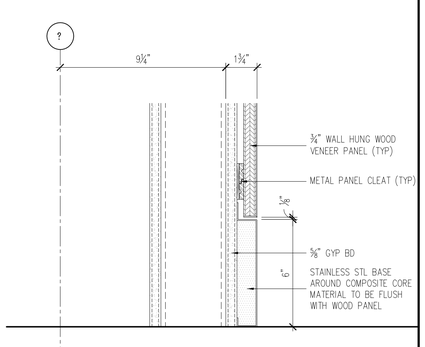
16 OPENING AT TICKET CANOPY SUPPORT
3" = 1'-0"



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"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

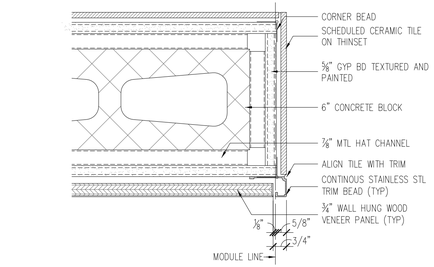
AEP PROJECT NUMBER
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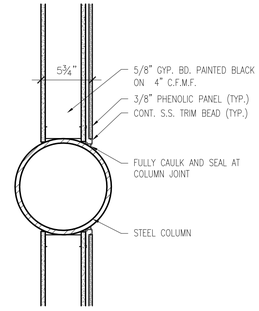
SHEET TITLE
FEATURE WALL SYSTEM DETAILS

SHEET NUMBER
A631

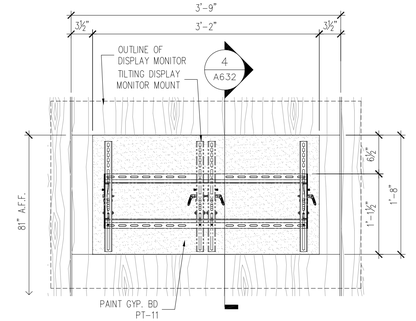
BID PACKAGE 2C



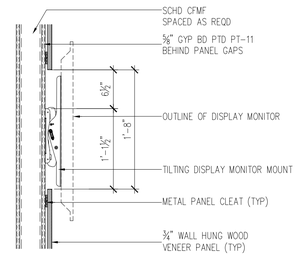
1 TILE TO WOOD PANEL DETAIL
3" = 1'-0"



2 WALL TO COLUMN DETAIL AT RAC
1 1/2" = 1'-0"



3 DISPLAY SCREEN MOUNT CUTOUT
1" = 1'-0"



4 DISPLAY SCREEN MOUNT SECTION
1" = 1'-0"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
FEATURE WALL SYSTEM DETAILS

SHEET NUMBER
A632

BID PACKAGE 2C

DOOR SCHEDULE - FIRST FLOOR

Door Number	Opening Width	Opening Height	Door Thick	Door Type	Door 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"	A	H.M.	1	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"	10'-4"	1"	E	STL.	--	STL.	--	11/A702	13/A702	12/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"	A	H.M.	1	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"	B	H.M.	2	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"	7'-0"	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"	9'-6"	1 3/4"	D	ALUM.	2	ALUM.	--	--	--	--	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	20'-10"	9'-8"	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	3
160A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	2	3
161A	3'-0"	7'-0"	1 3/4"	A	H.M.	3	H.M.	--	8/A703	--	9/A703	8	3
162A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	21	3
163A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	3
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.	3	H.M.	--	8/A703	--	9/A703	8	3
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	3
168A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	1	3
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	DELETED												
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.	--	13/A703	--	14/A703, 15/A703	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.	--	--	--	15/A703	39	
179A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	13/A703	--	14/A703, 15/A703	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.	--	--	--	15/A703	39	
180A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	1	3
180B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	33	
181A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	21	3
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	
185A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	8	
186A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	9	
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

6 DOOR SCHEDULE - FIRST FLOOR

DOOR SCHEDULE - SECOND FLOOR

Door Number	Opening Width	Opening Height	Door Thick	Door Type	Door 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	10'-2 3/4"	10'-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.	3	H.M.	--	8/A703	--	9/A703	8	
211A	3'-0"	7'-0"	1 3/4"	A	H.M.	3	H.M.	--	8/A703	--	9/A703	8	
212A	3'-0"	7'-0"	1 3/4"	A	H.M.	3	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'-8"	10'-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	23	
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	ALUM.	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"	--	--	--	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	
220A	2'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
220B	6'-6"	10'-0"	1"	J	ALUM.	--	STL.	--	1/A703	--	2/A703	--	
220C	13'-11 3/4"	10'-0"	1"	J	ALUM.	--	STL.	--	1/A703	--	2&4/A703	--	
223A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	--	--	7/A630	14	
227A	2'-6"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	16	
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	ALUM.	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	ALUM.	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	7'-0"	7'-0"	1 3/8"	B	H.M.	2	H.M.	--	--	--	--	60	3
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	3
237D	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	2/A630	--	3/A630	44	3
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	3
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	3
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.	3	H.M.	--	8/A703	--	9/A703	8	
250B	3'-0"	7'-0"	1 3/4"	A	H.M.	3	H.M.	--	8/A703	--	9/A703	8	
251A	3'-0"	7'-0"	1 3/4"	A	H.M.	3	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	Provide Break-Away emergency exit doors
3	Provide 12 ga Hollow Metal Door and Frame
4	
5	
6	

5 DOOR SCHEDULE - SECOND FLOOR

DOOR SCHEDULE - THIRD FLOOR

Door Number	Opening Width	Opening Height	Door Thick	Door Type	Door 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.	3	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	58	
305B	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	59	
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	8	
309A	3'-0"	7'-0"	1 3/4"	A	H.M.	1	H.M.	--	8/A703	--	9/A703	8	
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	1	
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	6'-0"	7'-0"	1 3/4"	G	ALUM.	9	ALUM.	--	8/A703	--	9/A703	5B	
317B	5'-0"	7'-0"	1 1/4"	B	WD	2	H.M.	--	--	--	--	--	
318A	6'-0"	7'-0"	1 3/4"	B	WD	6A	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	3	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	DELETED												
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

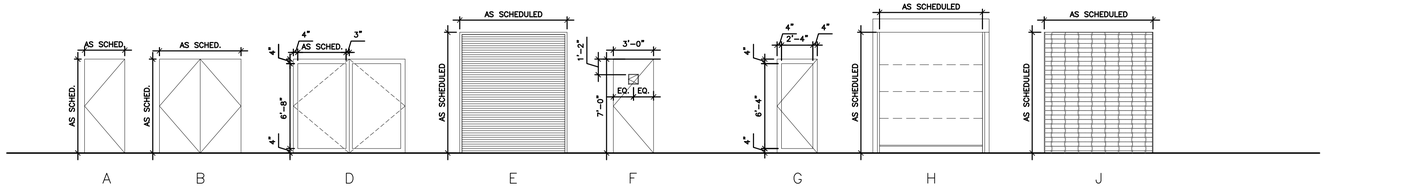
1	Deleted, see hardware group.
2	
3	
4	
5	
6	

1 DOOR SCHEDULE - THIRD FLOOR

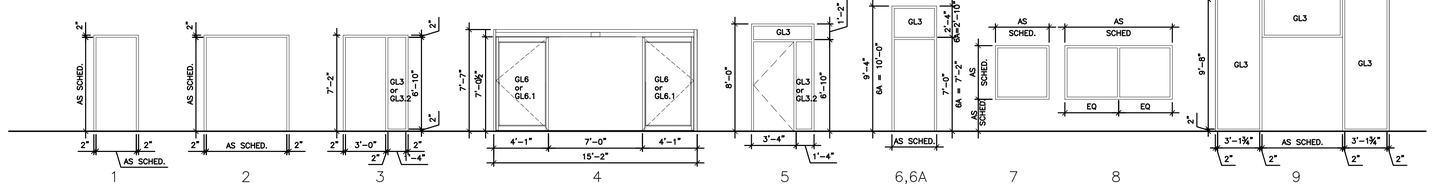
WINDOW SCHEDULE

Type	Frame Size (LxH)	Material	Type	Bottom of Frame (A.F.F.)	Details Head	Details Sill	Details Jamb	# of Windows	Glass Type
1	4'-6" x 4'-2"	H.M.	7	4'-10"	10/A703	10/A703	10/A703	2	GL-3.1
2	4'-6" x 4'-0"	H.M.	7	3'-0"	10/A703	10/A703	10/A703	1	GL-3
3	6'-8" x 3'-4"	H.M.	8	3'-10"	11/A703	11/A703	11/A703	1	GL-3
4	5'-0" x 3'-4"	H.M.	7	3'-10"	10/A703	10/A703	10/A703	2	GL-3

2 WINDOW SCHEDULE



3 DOOR TYPES



4 FRAME TYPES

Drawing: T:\F\2131882.091 Duluth New Terminal\Cad\A\Sheets\A701 Door Schedules.dwg Plotted on: 2/10/2012 1:04 AM Plotted by: lp, Mark

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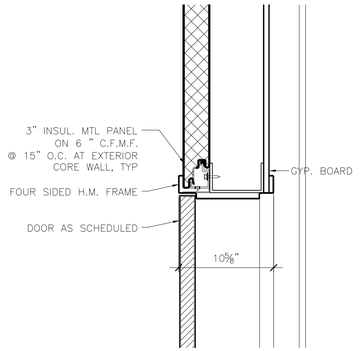
Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
Duluth, Minnesota 55811
218-722-1227 Fax: 218-722-1052
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DULUTH AIRPORT AUTHORITY

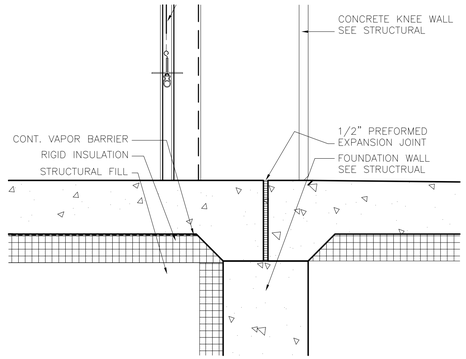
DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

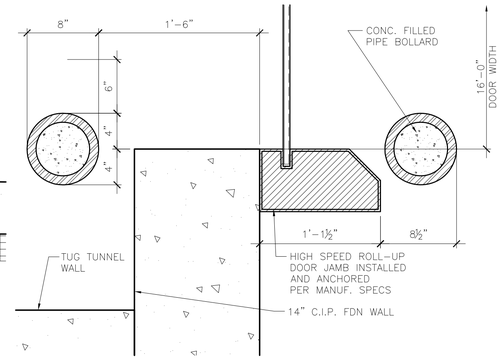
**CONSULTANTS



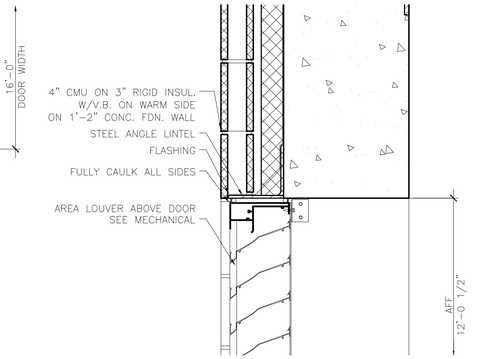
17 TYP. HEAD @ 3RD FLOOR NORTH WALL DOOR
JAMB SIMILAR
1 1/2" = 1'-0"



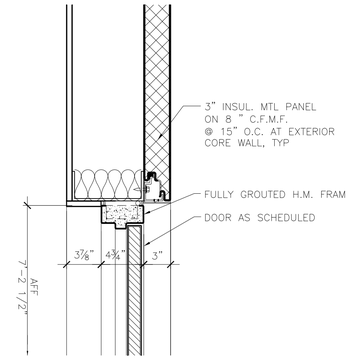
13 TYP. SILL @ EXT. COILING DOOR
1 1/2" = 1'-0"



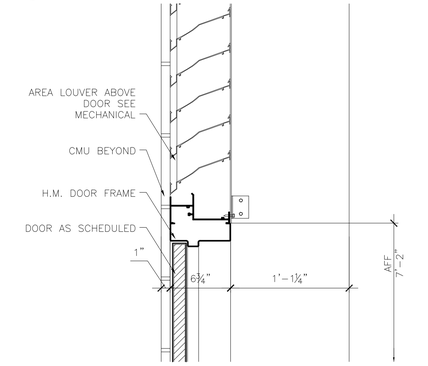
9 TYP. JAMB @ HIGH SPEED O.H. DOOR
1 1/2" = 1'-0"



5 TYP.HEAD @ EXT. TUG TUNNEL DOOR LOUVER
1/16" = 1'-0"

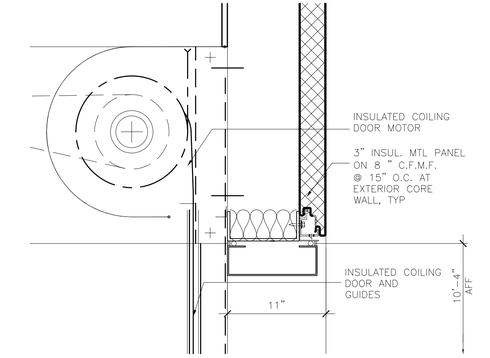


1 TYP. HEAD @EXT.CORE DOOR
1 1/2" = 1'-0"

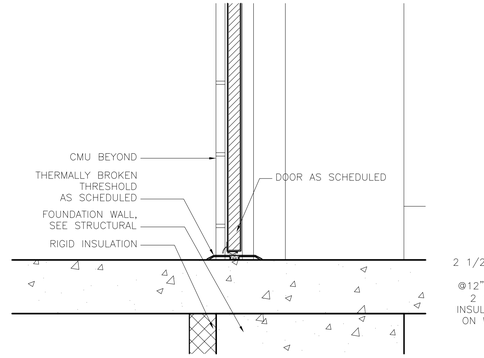


18 TYP.SILL @ 3RD FLOOR NORTH WALL DOOR
1 1/2" = 1'-0"

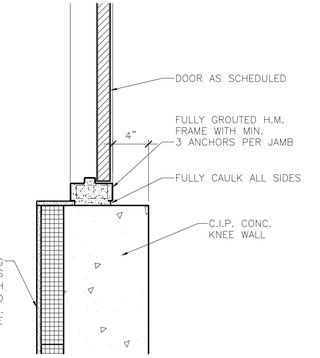
14 NOT USED
1 1/2" = 1'-0"



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"

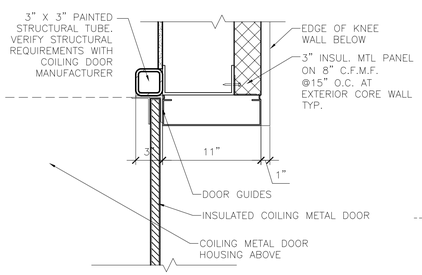
15 NOT USED
1 1/2" = 1'-0"

11 TYP. HEAD @ EXT. COILING DOOR
1 1/2" = 1'-0"

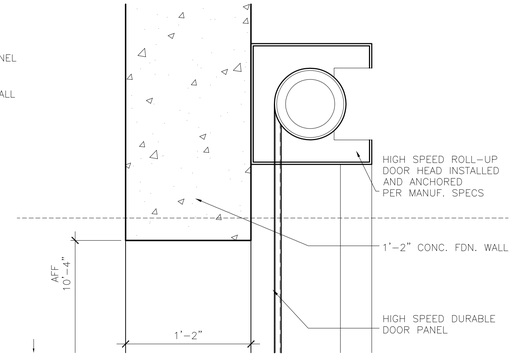
7 TYP. SILL @ EXT. TUG TUNNEL DOOR
1 1/2" = 1'-0"

3 TYP. JAMB @ EXT. CORE WALL BASE
1 1/2" = 1'-0"

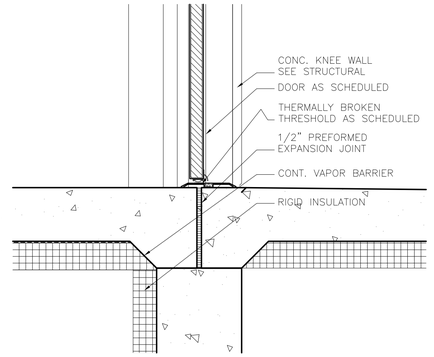
16 NOT USED
1 1/2" = 1'-0"



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"

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Reynolds, Smith and Hills, Inc.
4525 Airport Approach Rd, Ste A
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218-722-1227 Fax: 218-722-1052
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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

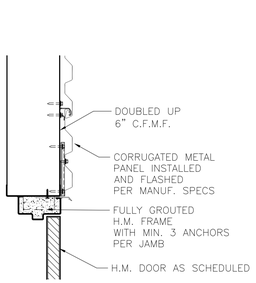
AEP PROJECT NUMBER
213-1882-091

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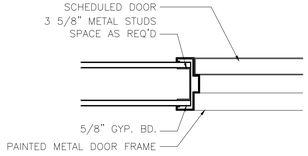
SHEET TITLE
DOOR DETAILS

SHEET NUMBER
A702

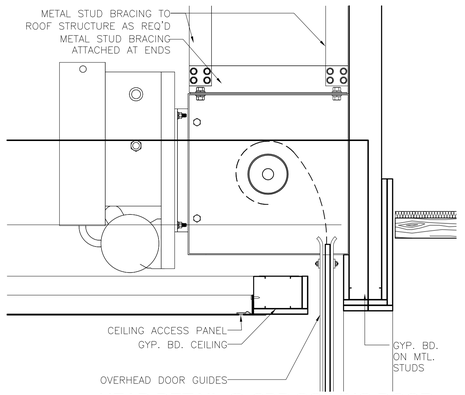
BID PACKAGE 2C



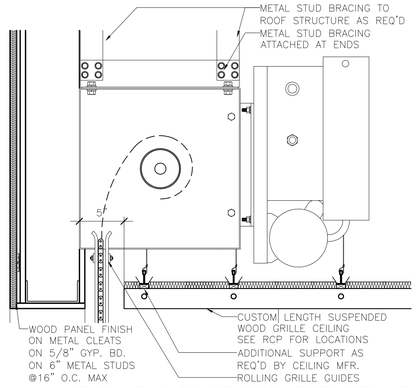
13 HEAD @ DOORS 178A & 179A
1 1/2" = 1'-0"



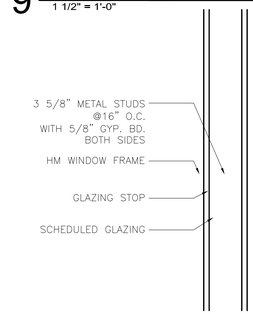
9 TYP. JAMB @ INTERIOR STUD WALL
1 1/2" = 1'-0"



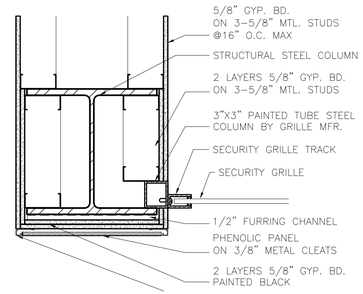
5 HEAD DETAIL @ CBP COILING DOOR
1 1/2" = 1'-0"



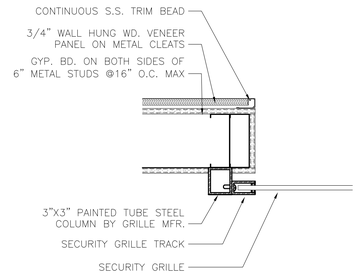
1 TYP. HEAD @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



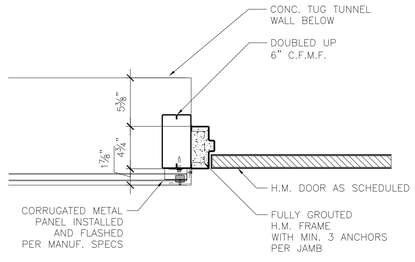
10 TYP. WINDOW HEAD @ INT. STUD WALL
1 1/2" = 1'-0"
JAMB AND SILL SIMILAR



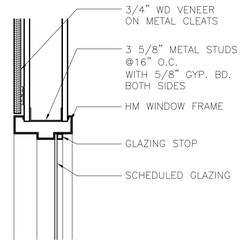
6 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



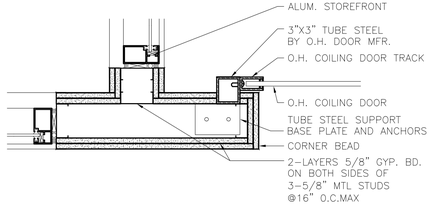
2 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



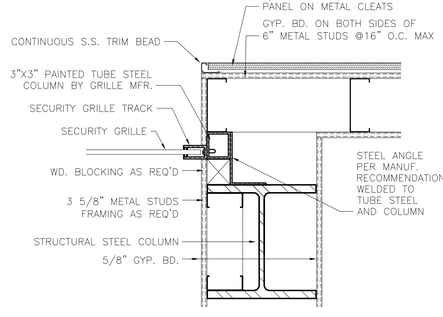
14 UPPER JAMB @ DOORS 178A & 179A
1 1/2" = 1'-0"



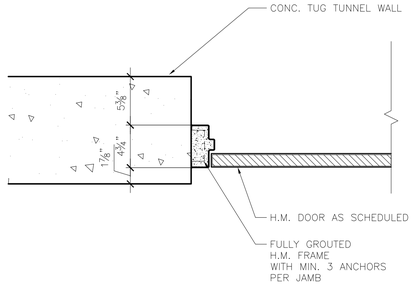
11 TYP. WINDOW HEAD @ INT. PANEL WALL
1 1/2" = 1'-0"
JAMB AND SILL SIMILAR



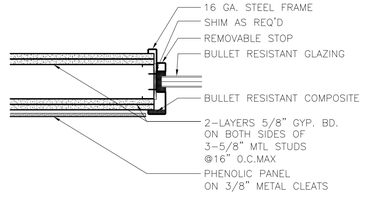
7 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



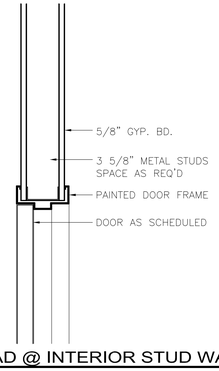
3 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"



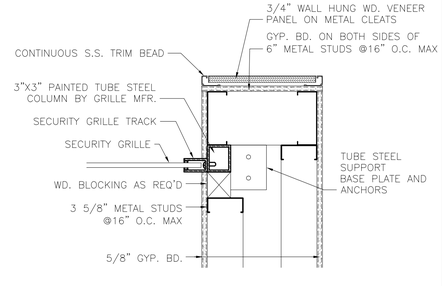
15 TYP. JAMB @ TUG TUNNEL DOOR
1 1/2" = 1'-0"



12 JAMB @ BULLET
RESISTANT TRANSACTION WINDOW
1 1/2" = 1'-0"
HEAD SIMILAR



8 TYP. HEAD @ INTERIOR STUD WALL
1 1/2" = 1'-0"



4 JAMB @ INT. SECURITY GRILLE
1 1/2" = 1'-0"

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

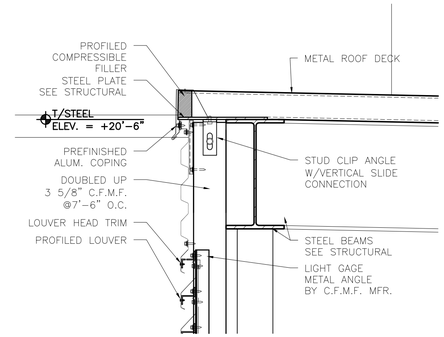
AEP PROJECT NUMBER
213-1882-091

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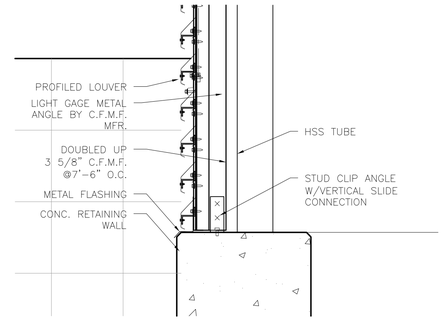
SHEET TITLE
DOOR DETAILS

SHEET NUMBER
A703

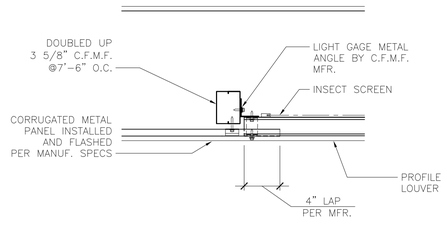
BID PACKAGE 2C



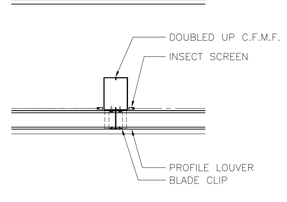
1 LOUVER HEAD @ TUG ENCLOSURE
SCALE = 1 1/2" = 1'-0"



2 LOUVER SILL @ TUG ENCLOSURE
SCALE = 1 1/2" = 1'-0"



3 LOUVER JAMB @ TUG ENCLOSURE
SCALE = 1 1/2" = 1'-0"



4 LOUVER SUPPORT @ TUG ENCLOSURE
SCALE = 1 1/2" = 1'-0"

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

REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

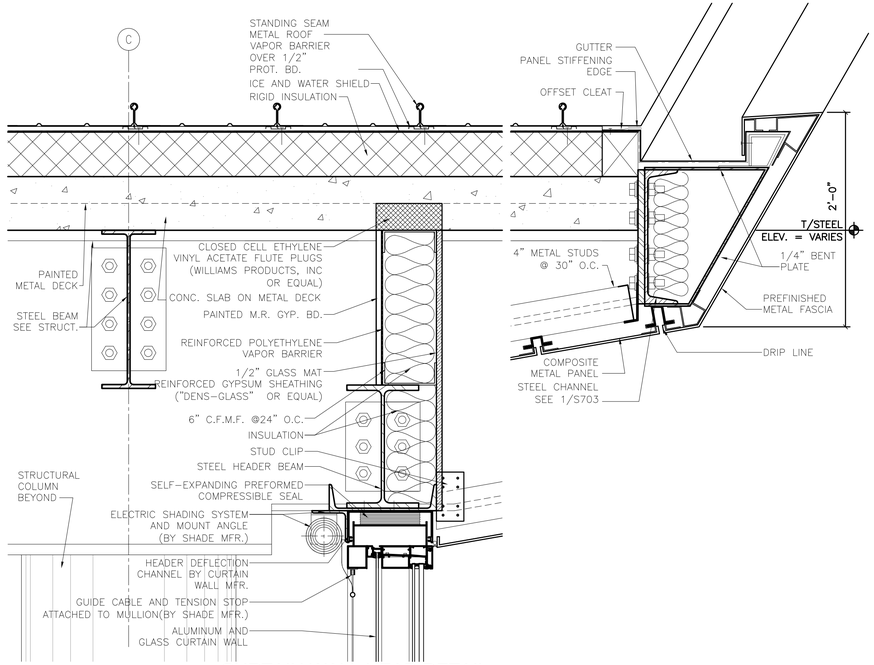
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SHEET TITLE
LOUVER DETAILS

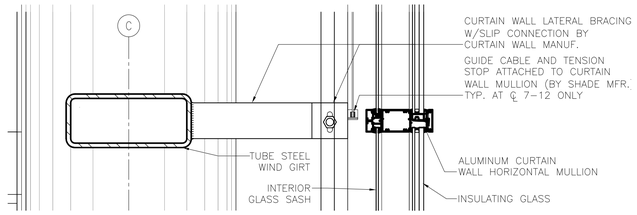
SHEET NUMBER
A704

BID PACKAGE 2C

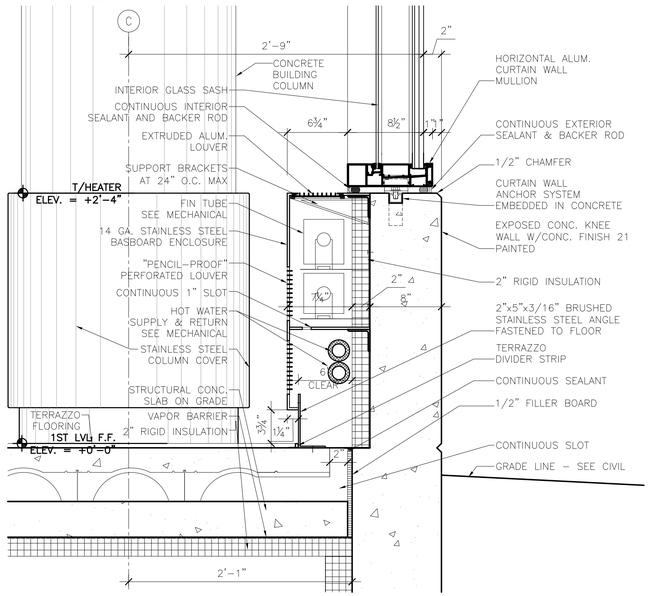
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A704 Louver Details.dwg Plotted on: 2/10/2012 1:32 AM Plotted by: ip, Mark



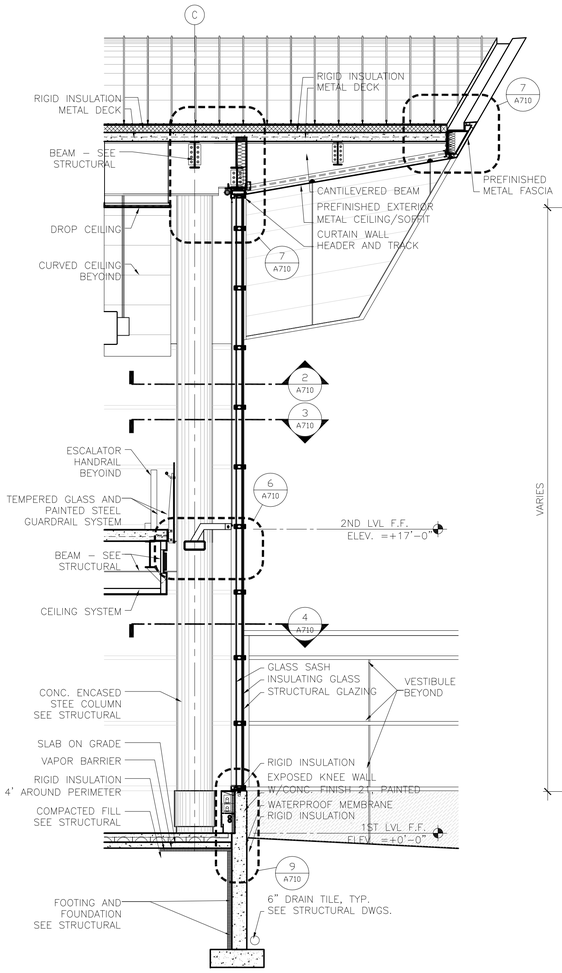
7 CURTAIN WALL HEAD DETAIL
1-1/2" = 1'-0"



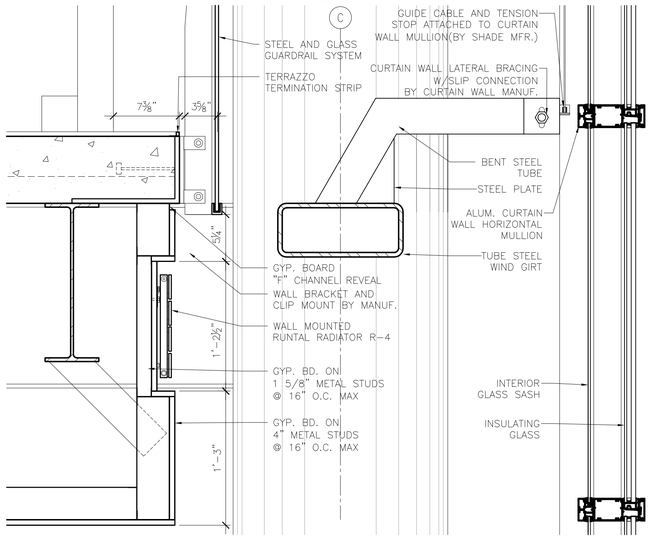
8 CURTAIN WALL WIND BRACE DETAIL - TYP.
1-1/2" = 1'-0"



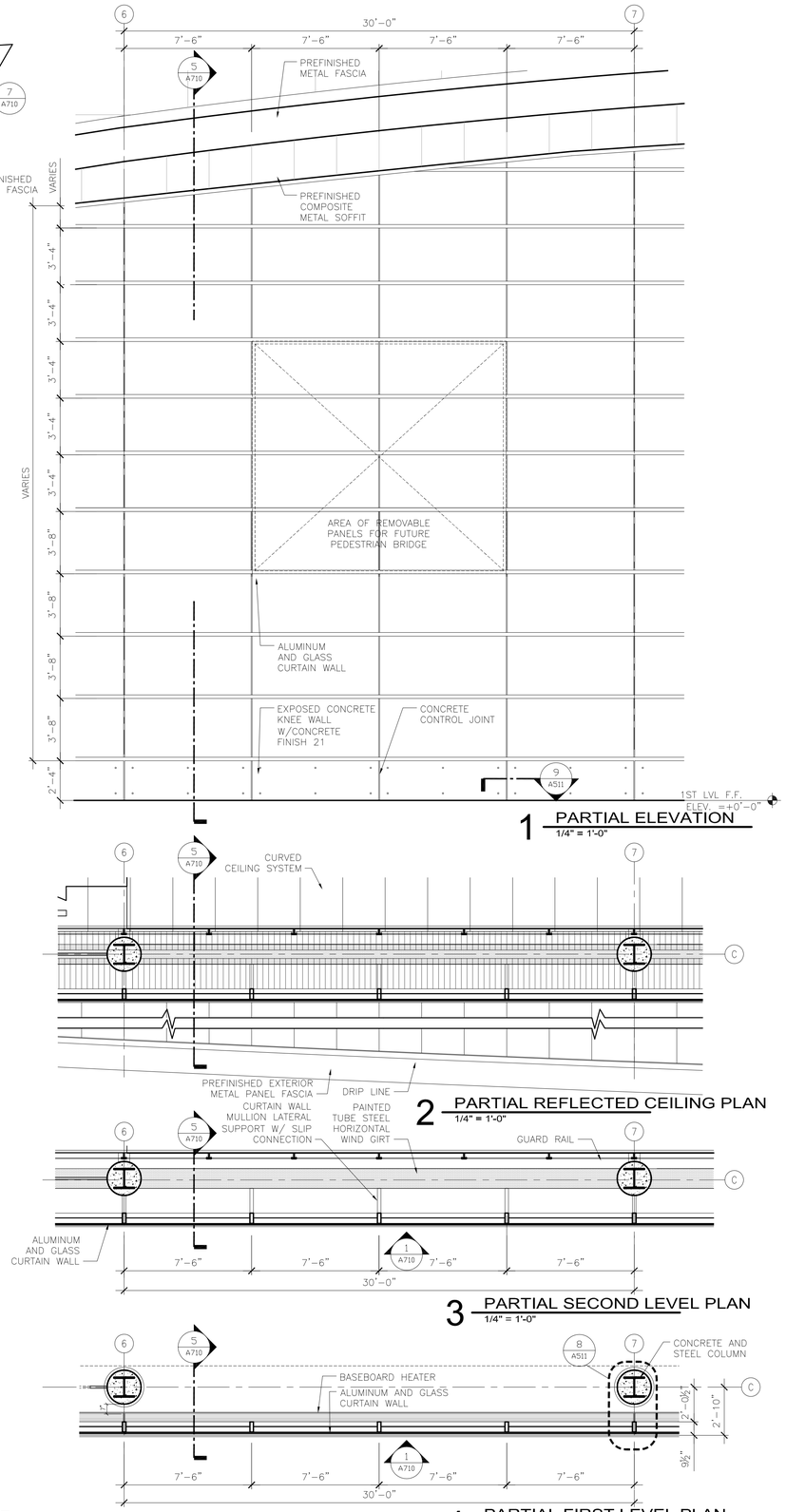
9 CURTAIN WALL SILL DETAIL
1-1/2" = 1'-0"



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"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

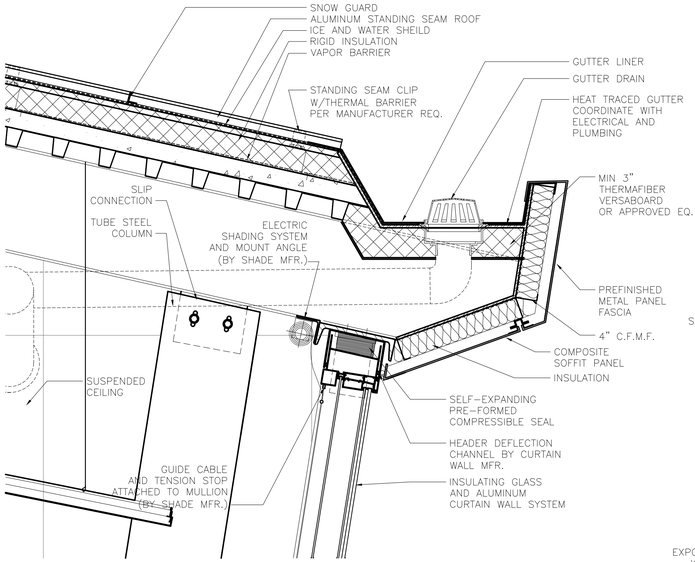
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
EXTERIOR SYSTEMS LANDSIDE CURTAIN WALL

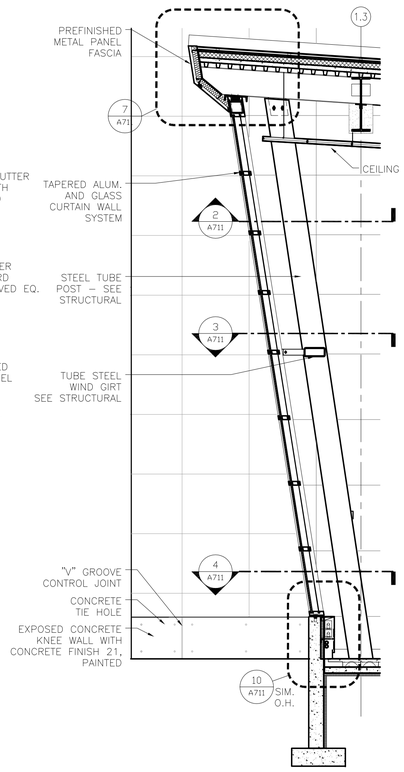
SHEET NUMBER
A710

BID PACKAGE 2C

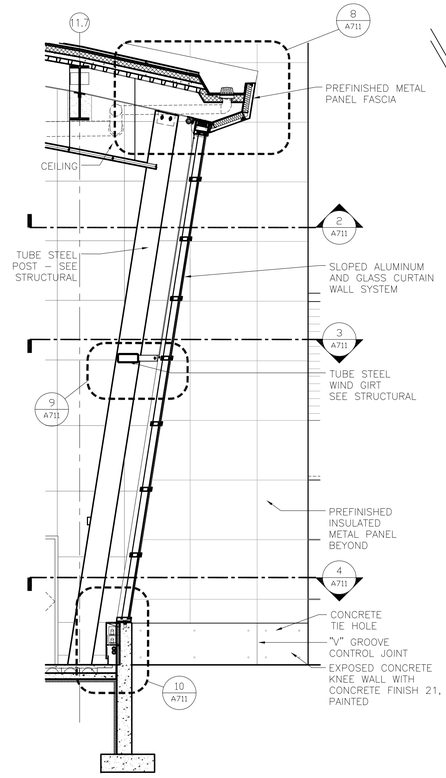
Drawing: T:\P\2131882.091 Duluth New Termina\Cad\A\Sheets\A710 Exterior System Sheet - Landside Curtain Wall.dwg Plotted on: 2/10/2012 9:21 AM Plotted by: Godzina, Marc



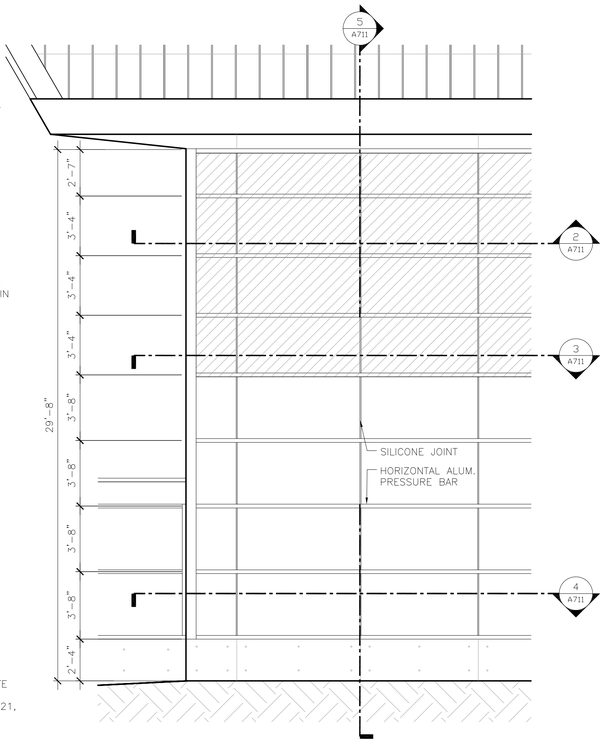
8 CURTAIN WALL HEAD DETAIL @ EAST END OF LOBBY
1" = 1'-0"



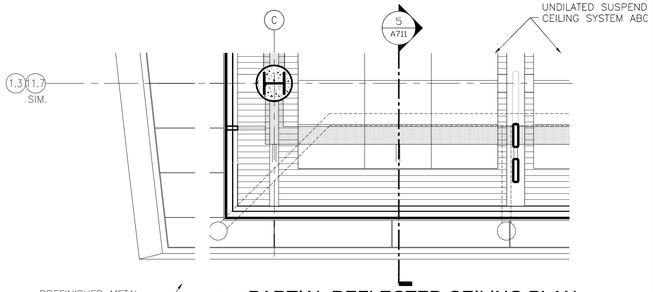
6 WEST CURTAIN WALL SECTION
1/4" = 1'-0"



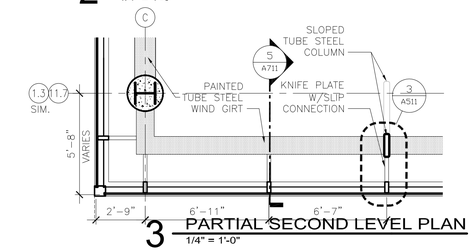
5 EAST CURTAIN WALL SECTION
1/4" = 1'-0"



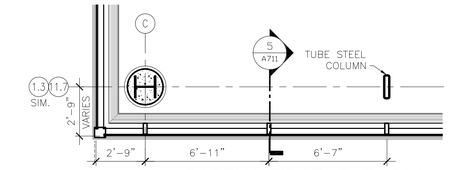
1 PARTIAL EAST ELEVATION
1/4" = 1'-0"



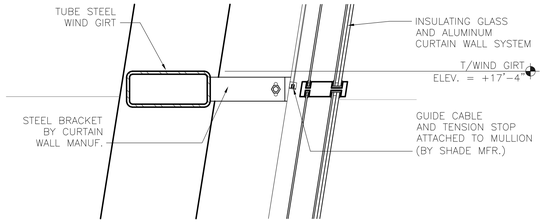
2 PARTIAL REFLECTED CEILING PLAN
1/4" = 1'-0"



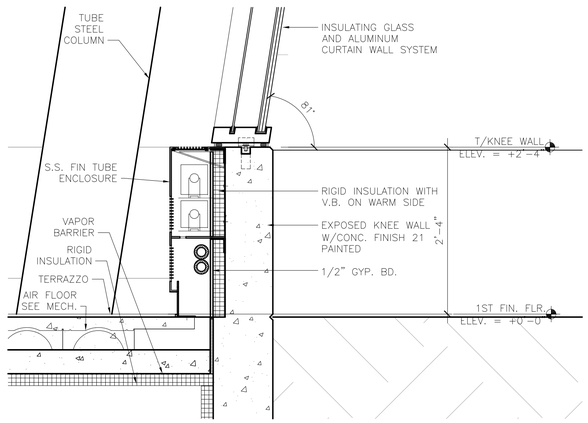
3 PARTIAL SECOND LEVEL PLAN
1/4" = 1'-0"



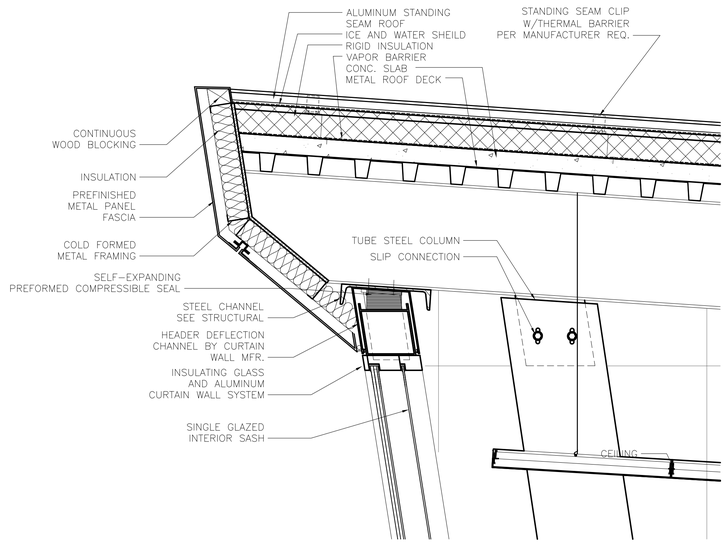
4 PARTIAL FIRST LEVEL PLAN
1/4" = 1'-0"



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"

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1	ADDENDUM 1	6.11.10
	CONFORMANCE SET	7.12.10
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	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
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AEP PROJECT NUMBER
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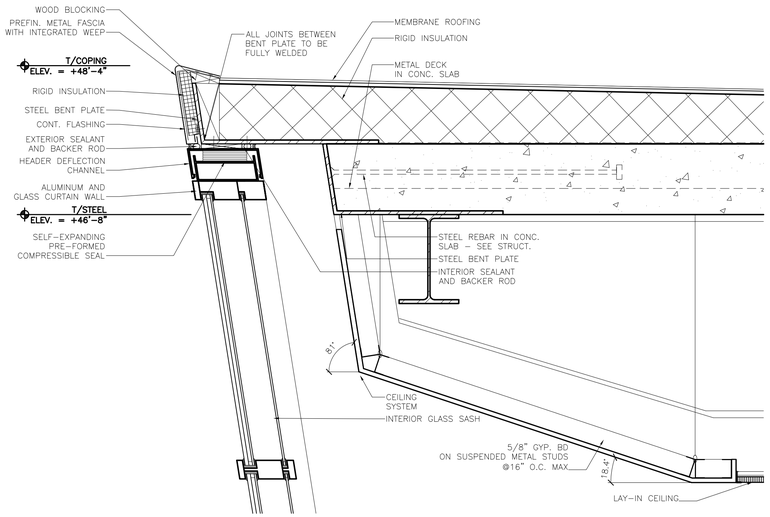
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SHEET TITLE
EXTERIOR SYSTEMS LANDSIDE CURTAIN WALL

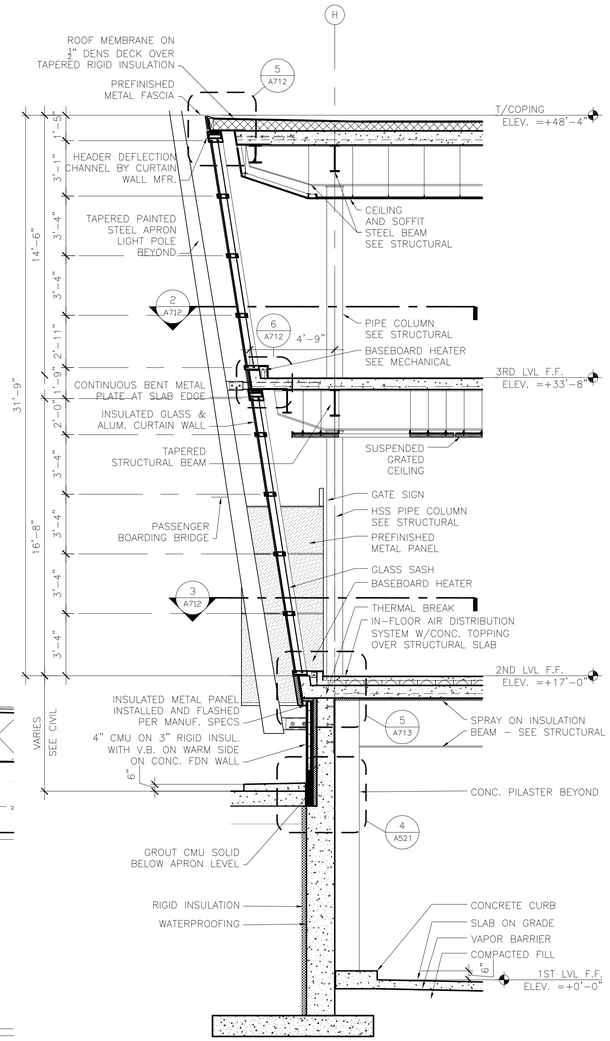
SHEET NUMBER
A711

BID PACKAGE 2C

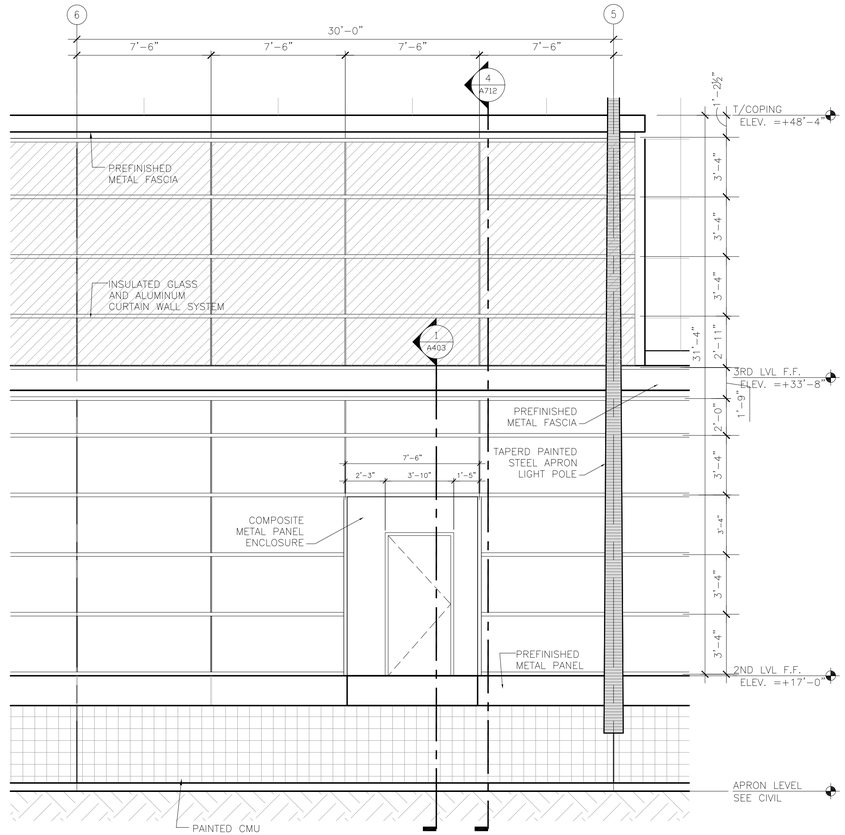
Drawing: I:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A711 Exterior System Sheet – Landside Curtain Wall.dwg Plotted on: 2/10/2012 9:36 AM Plotted by: Godzina, Marc



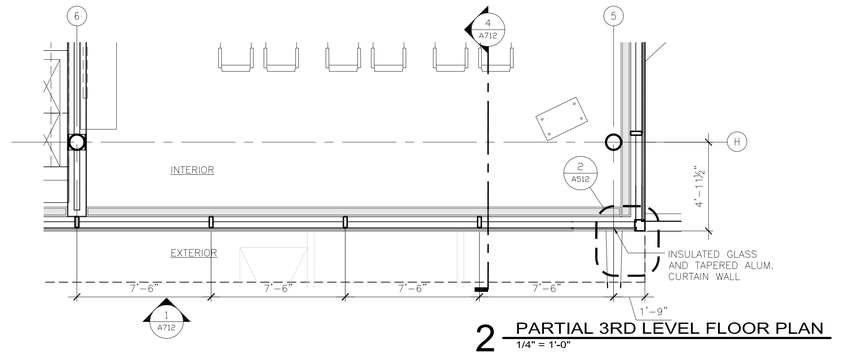
5 CURTAIN WALL HEAD DETAIL
1 1/2" = 1'-0"



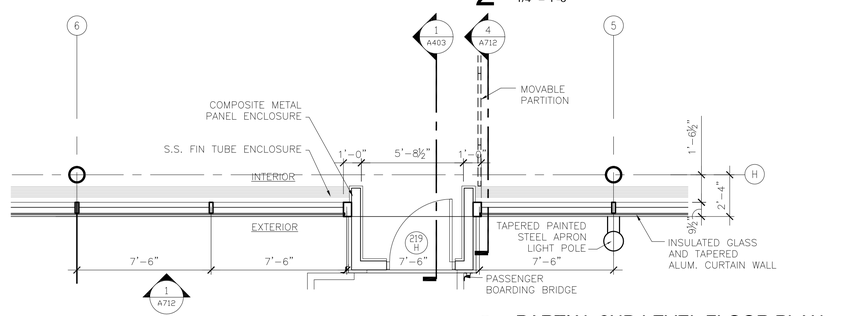
4 WALL SECTION
1/4" = 1'-0"



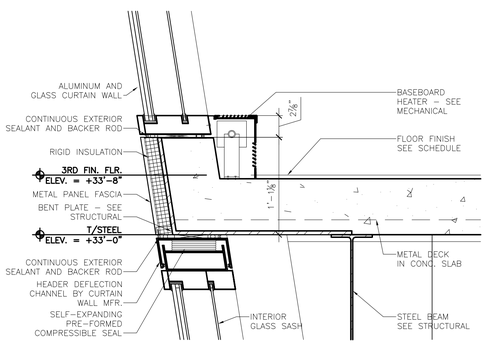
1 PARTIAL ELEVATION
1/4" = 1'-0"



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"

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	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

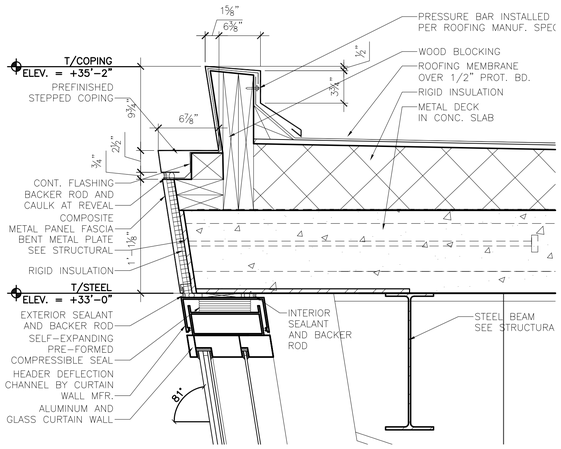
EXTERIOR SYSTEMS AIRSIDE CURTAIN WALL

SHEET NUMBER

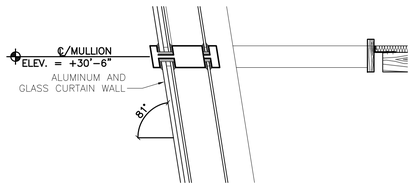
A712

BID PACKAGE 2C

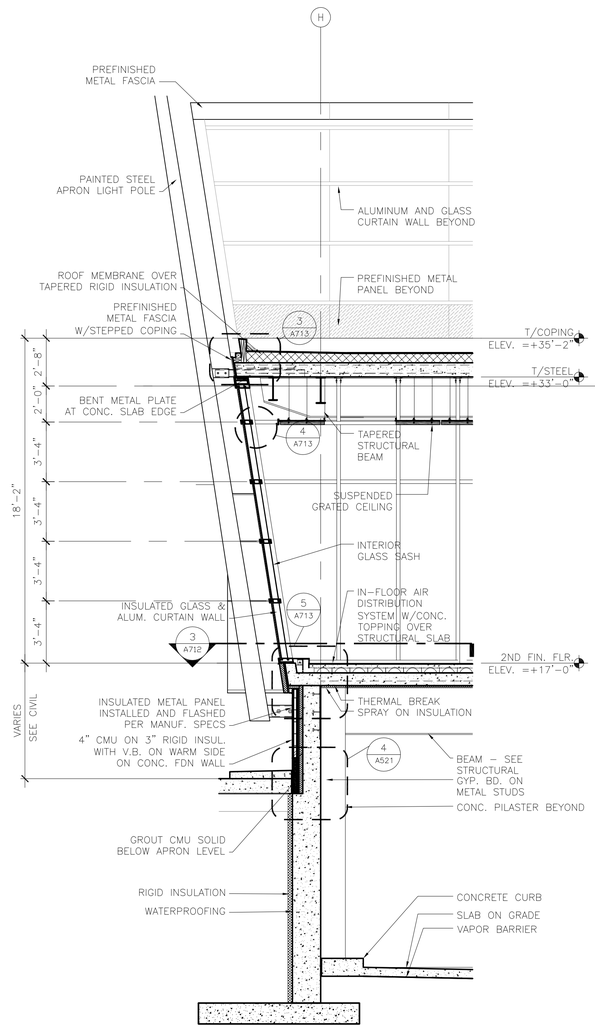
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A712 Exterior System Sheet - Airside Curtain Wall.dwg Plotted on: 2/10/2012 2:15 AM Plotted by: ip, Mark



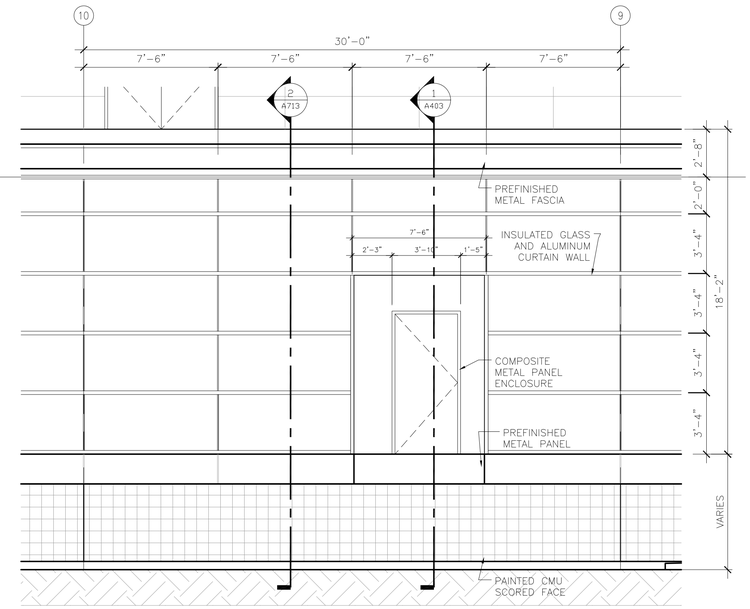
3 CURTAIN WALL HEAD DETAIL
1 1/2" = 1'-0"



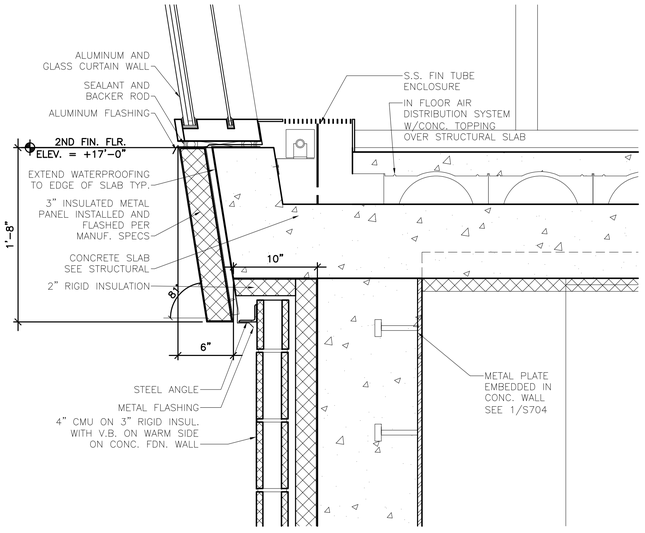
4 CURTAIN WALL MULLION DETAIL
1 1/2" = 1'-0"



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



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



5 CURTAIN WALL SILL DETAIL
1 1/2" = 1'-0"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

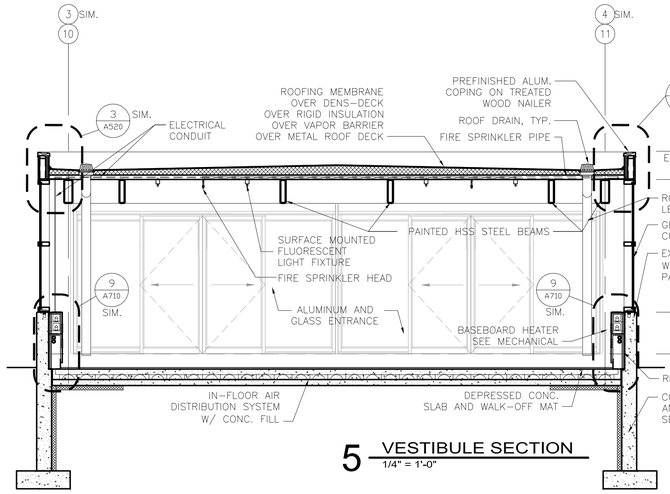
AEP PROJECT NUMBER
213-1882-091

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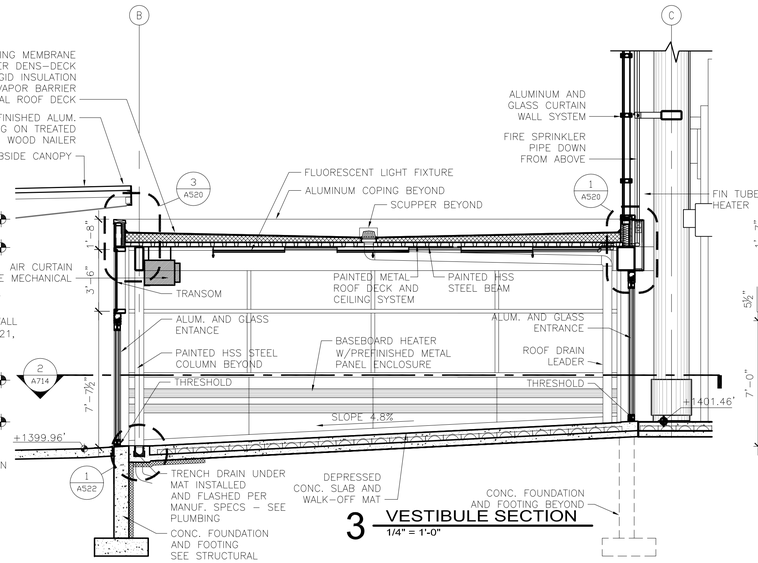
SHEET TITLE
EXTERIOR SYSTEMS AIRSIDE CURTAIN WALL

SHEET NUMBER
A713

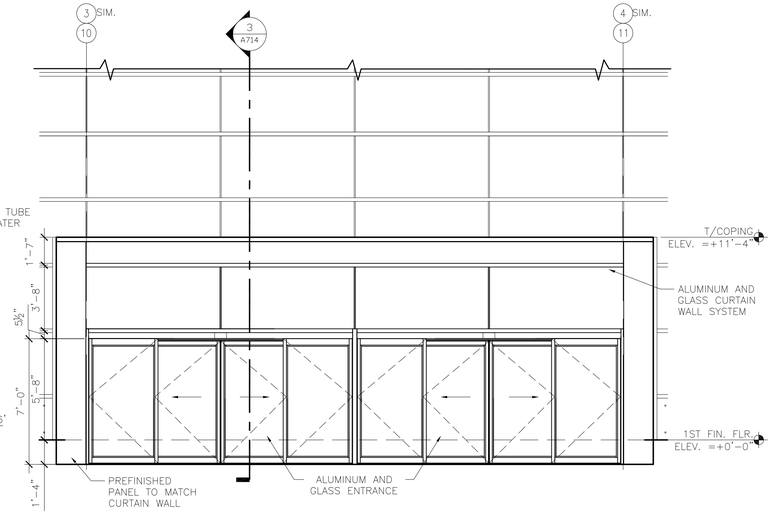
BID PACKAGE 2C



5 VESTIBULE SECTION
1/4" = 1'-0"

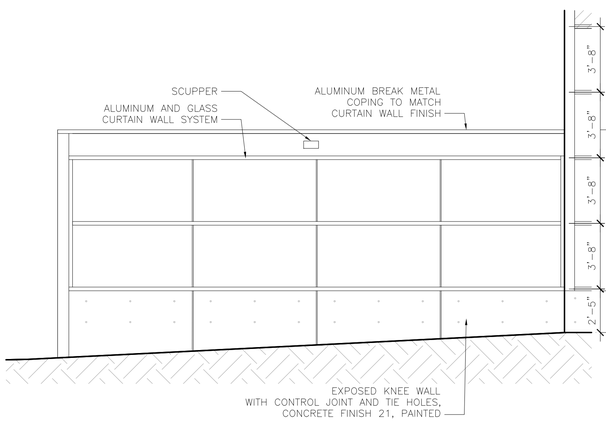


3 VESTIBULE SECTION
1/4" = 1'-0"

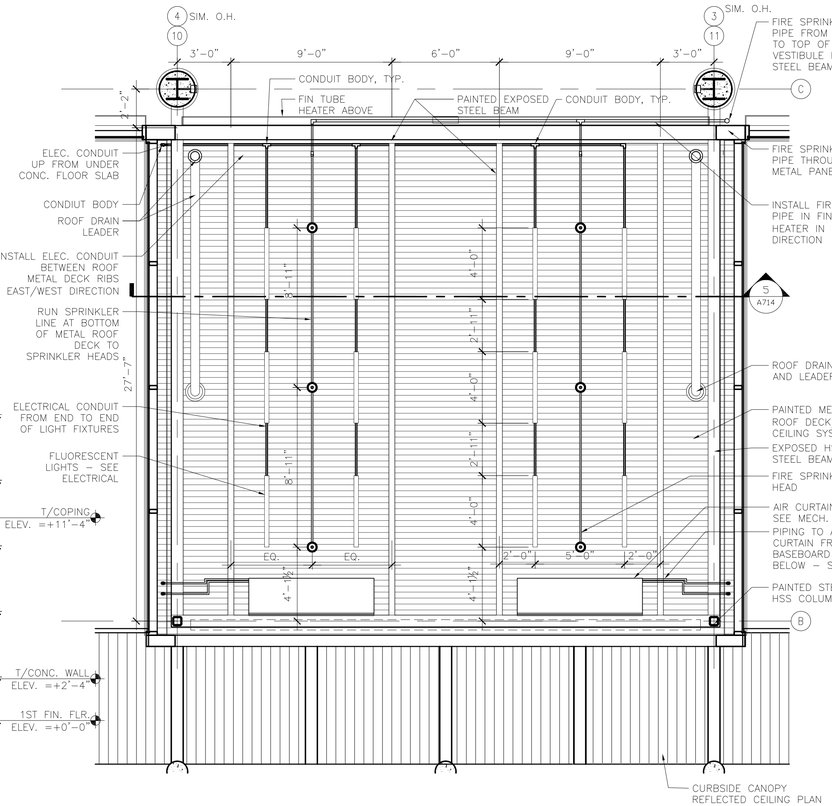


1 VESTIBULE SOUTH ELEVATION
1/4" = 1'-0"

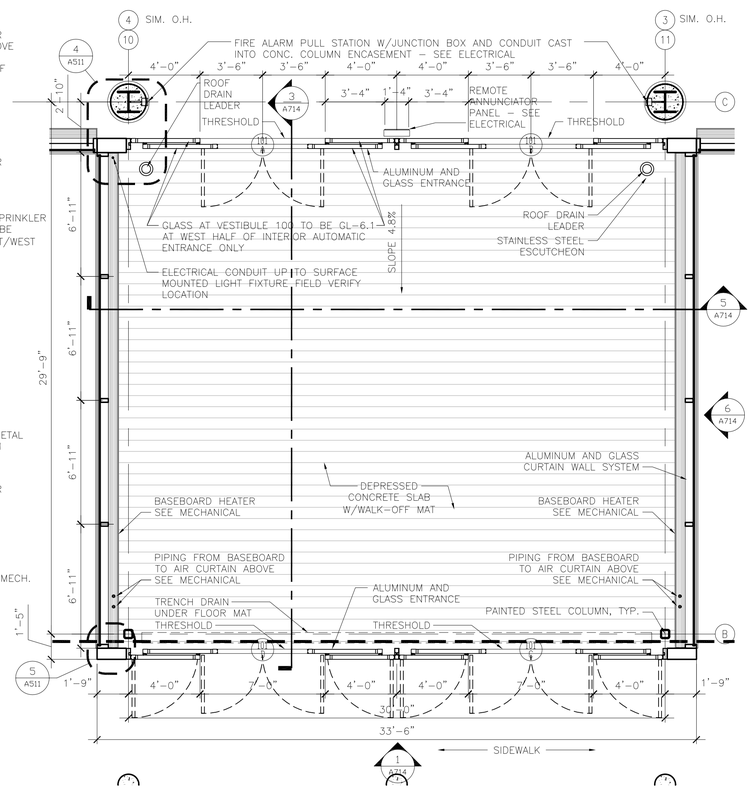
NOTE:
USE CONDUIT BODY FOR ALL EXPOSED ELECTRICAL CONDUITS PROVIDE SHOP DRAWING FOR REVIEW



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"

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Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	CONFORMANCE SET	7.12.10
	BUILDING PERMIT	8.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
2	CLARIFICATION 138	9.1.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

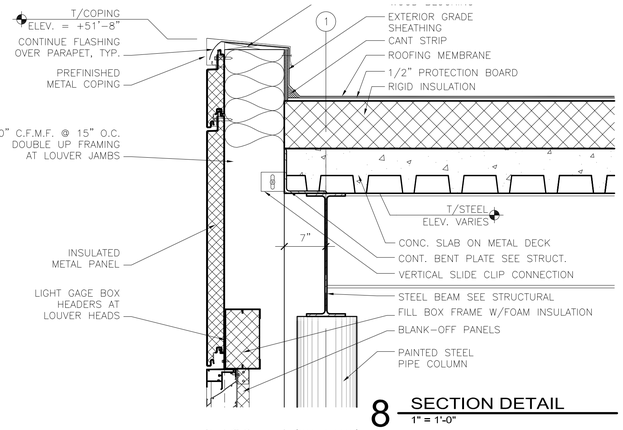
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SHEET TITLE
EXTERIOR SYSTEMS ENTRY VESTIBULE

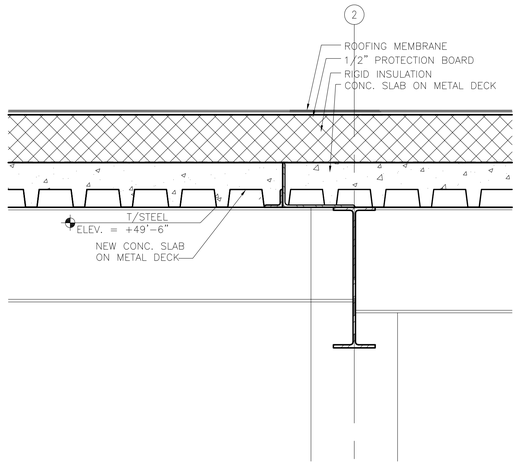
SHEET NUMBER
A714

BID PACKAGE 2C

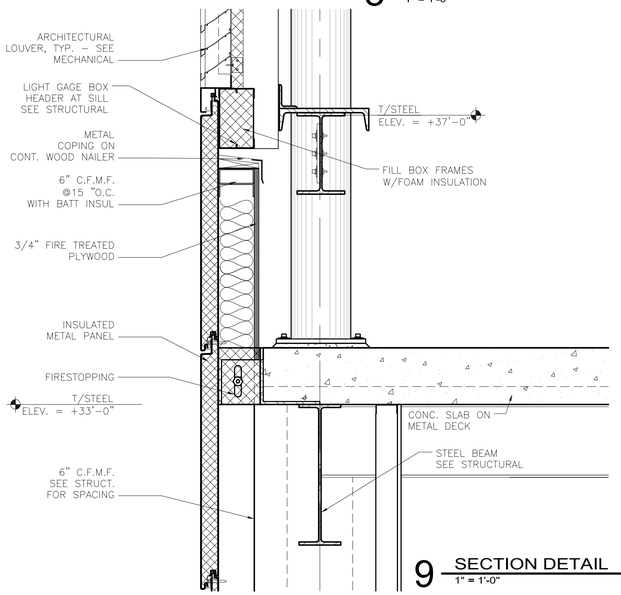
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A714 Exterior System Sheet - Entry Vestibule.dwg Plotted on: 2/10/2012 10:01 AM Plotted by: Godzina, Marc



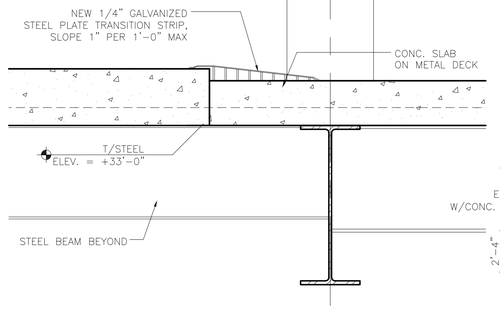
8 SECTION DETAIL
1" = 1'-0"



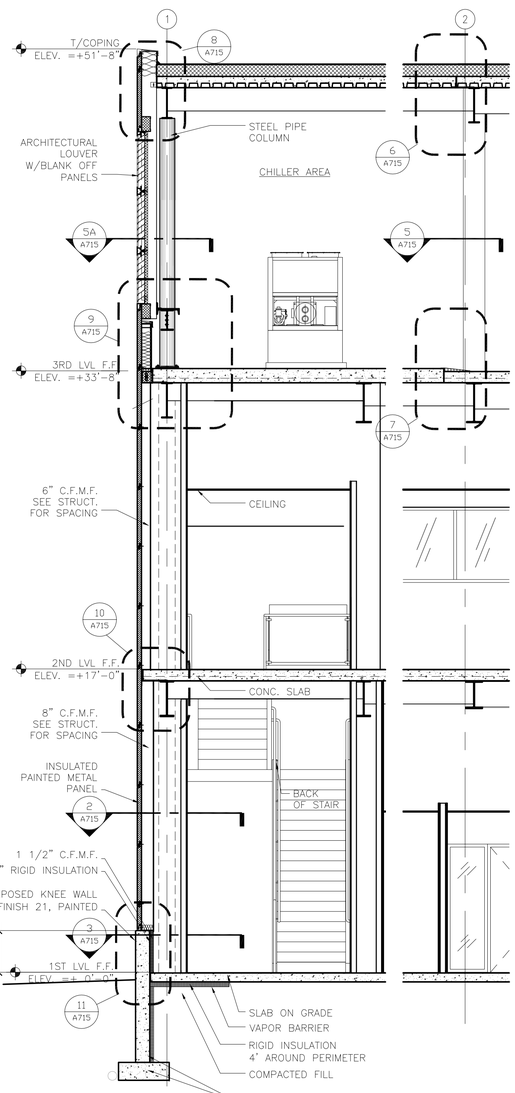
6 SECTION DETAIL
1" = 1'-0"



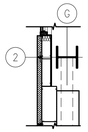
9 SECTION DETAIL
1" = 1'-0"



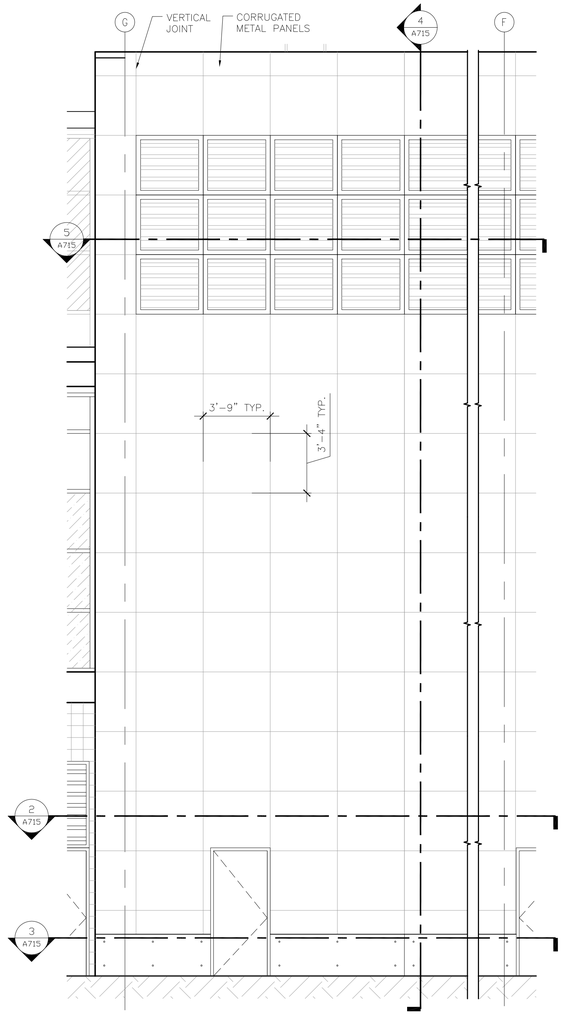
7 SECTION DETAIL
1" = 1'-0"



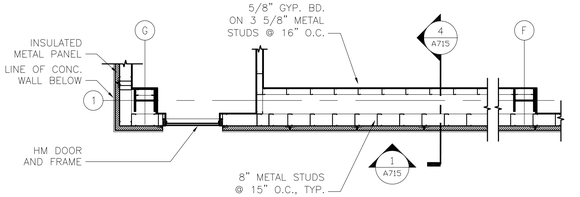
4 WALL SECTION
1/4" = 1'-0"



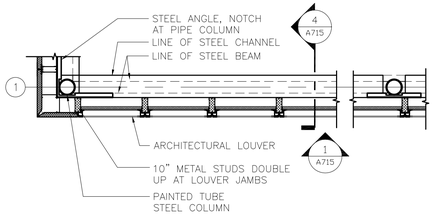
5 PARTIAL 3RD LEVEL FLOOR PLAN
1/4" = 1'-0"



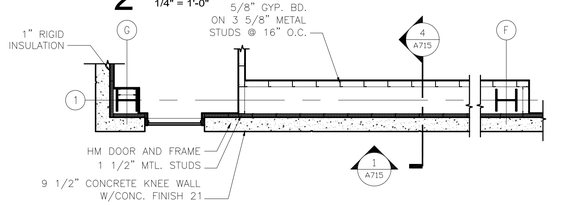
1 PARTIAL WEST ELEVATION
1/4" = 1'-0"



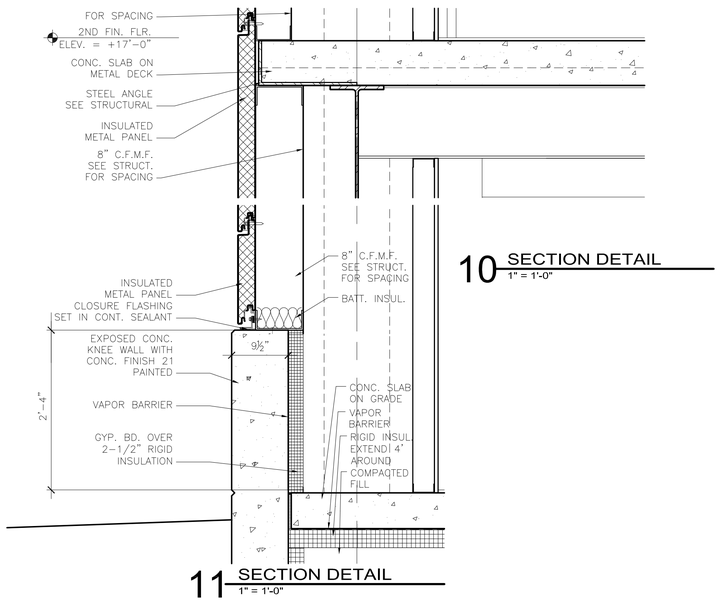
PARTIAL 1ST LEVEL FLOOR PLAN @ INSULATED METAL PANEL
2
1/4" = 1'-0"



5A PARTIAL 3RD LEVEL FLOOR PLAN
1/4" = 1'-0"



3 PARTIAL 1ST LEVEL FLOOR PLAN @ STONE
1/4" = 1'-0"



10 SECTION DETAIL
1" = 1'-0"

11 SECTION DETAIL
1" = 1'-0"

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Print Name: Mark Ip

Signature:

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

REVISIONS

NO.	DESCRIPTION	DATE
	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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
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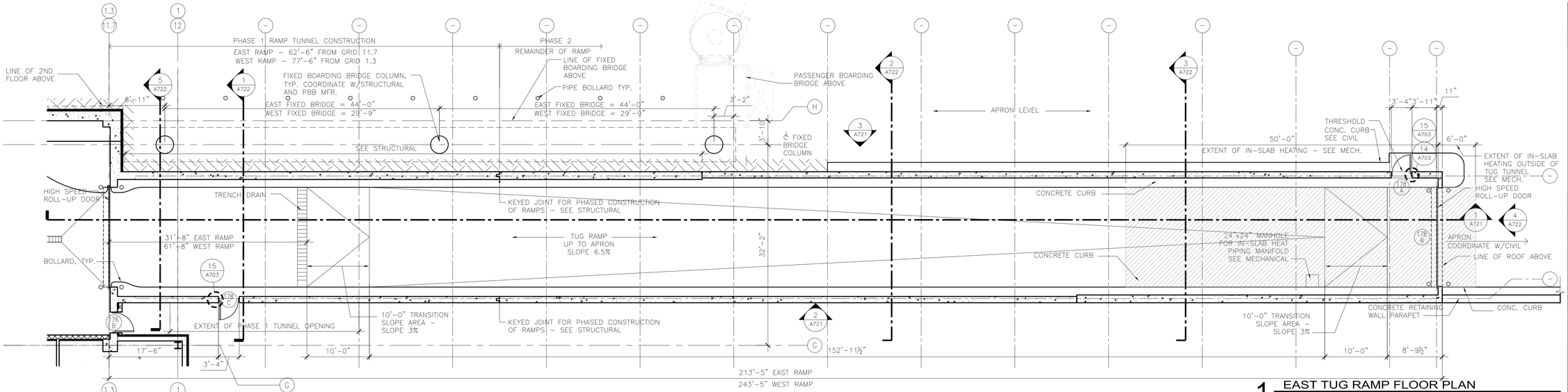
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
EXTERIOR SYSTEMS CORE WALL

SHEET NUMBER
A715

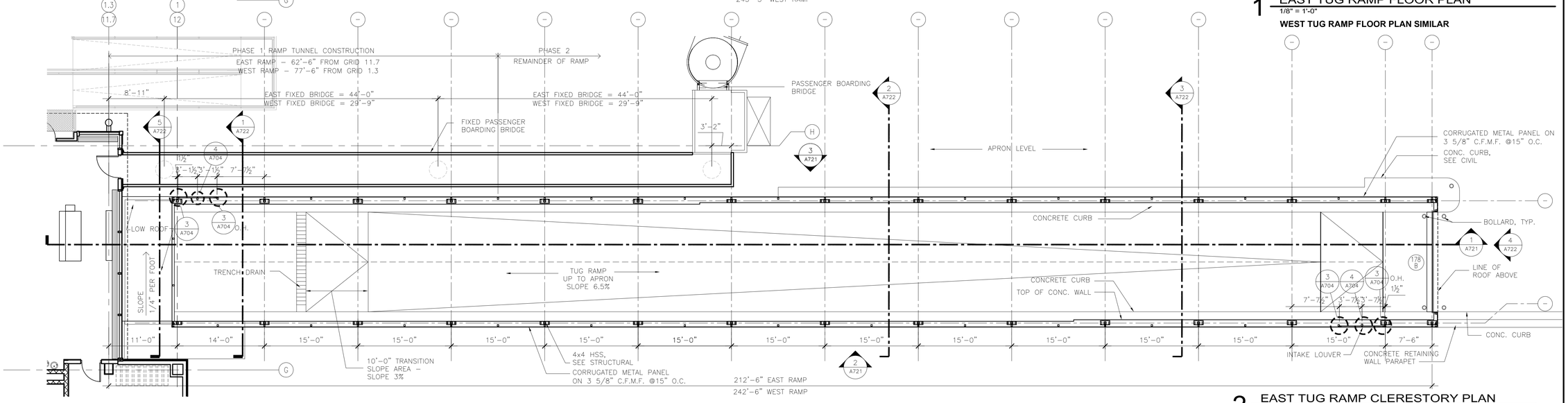
BID PACKAGE 2C



1 EAST TUG RAMP FLOOR PLAN

1/8" = 1'-0"

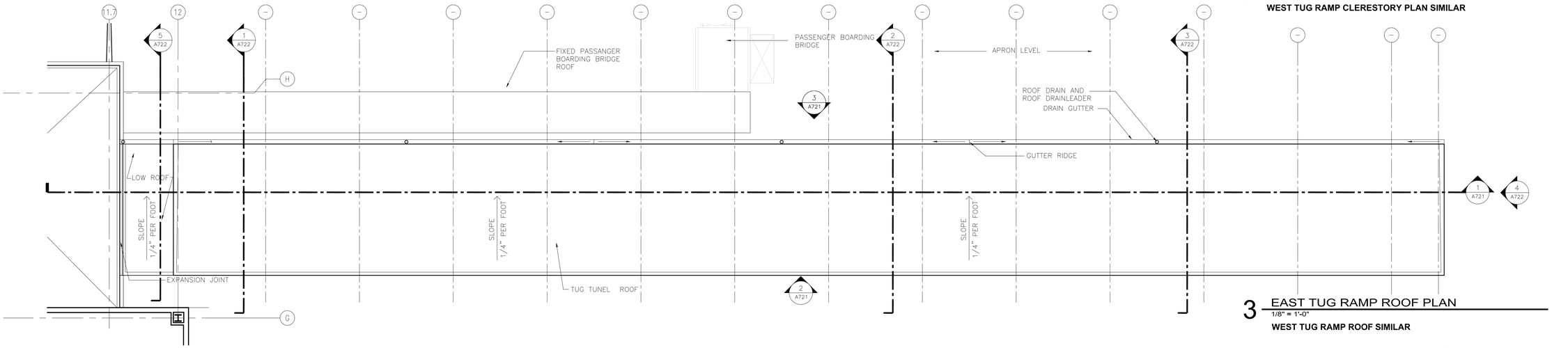
WEST TUG RAMP FLOOR PLAN SIMILAR



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

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Signature:

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

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	FOUNDATION PERMIT	6.11.10
	BUILDING PERMIT	9.16.10
	100% REVIEW	12.15.10
	BID PACKAGE 2A	1.24.11
1	BP2A ADDENDUM 2	2.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
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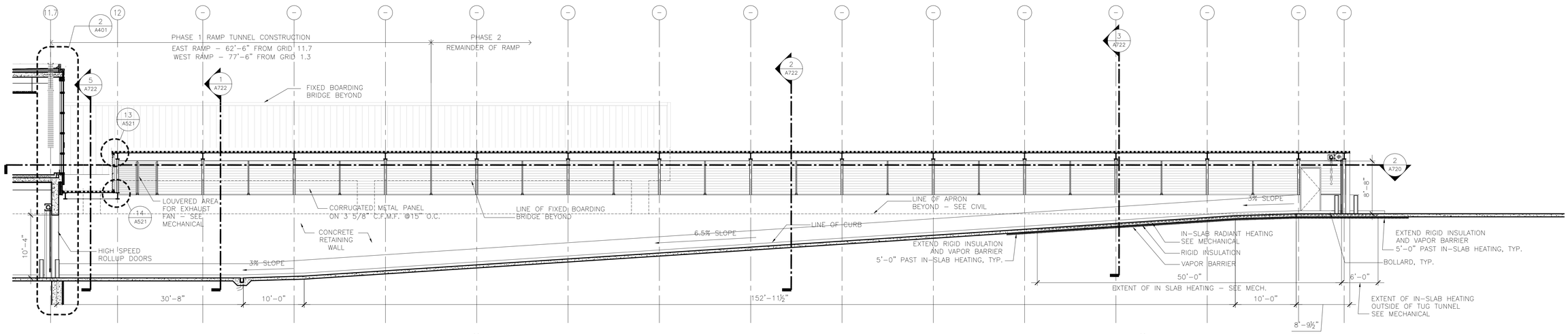
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SHEET TITLE
EXTERIOR SYSTEMS TUG TUNNEL

SHEET NUMBER
A720

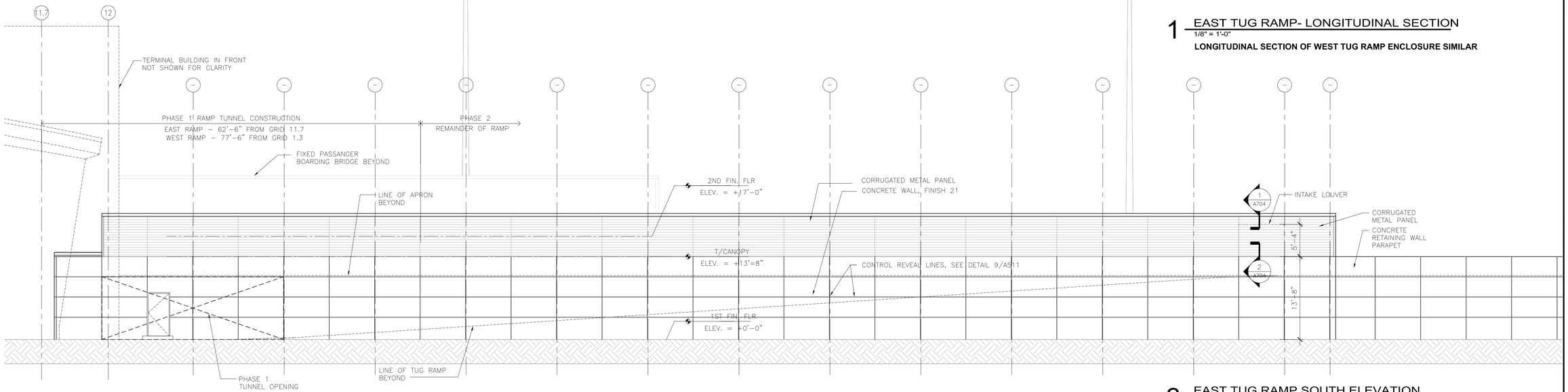
BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\A720 Exterior System Sheet – Tug Tunnel.dwg Plotted on: 2/10/2012 10:06 AM Plotted by: Godzina, Marc



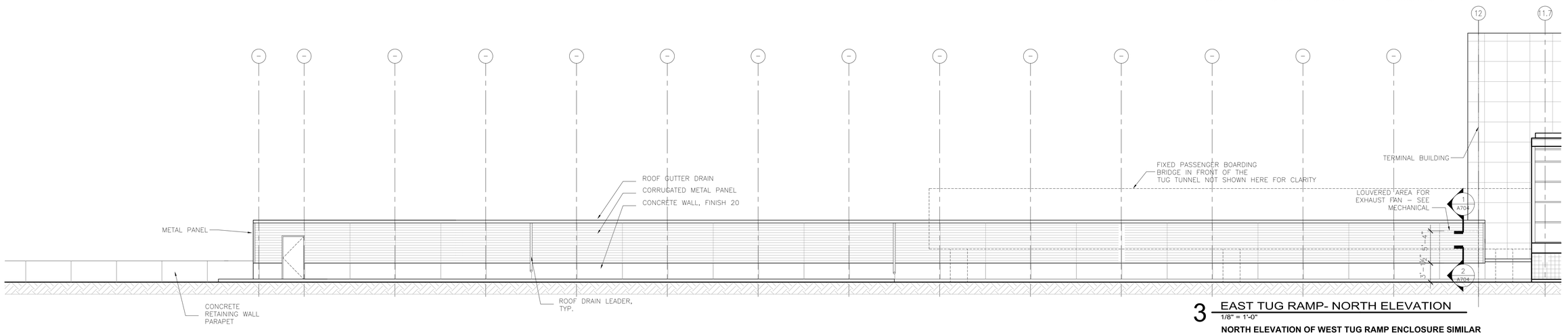
1 EAST TUG RAMP- LONGITUDINAL SECTION
1/8" = 1'-0"

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

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TEL: (218) 591-5079

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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
1	BP2A ADDENDUM 2	2.25.11
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

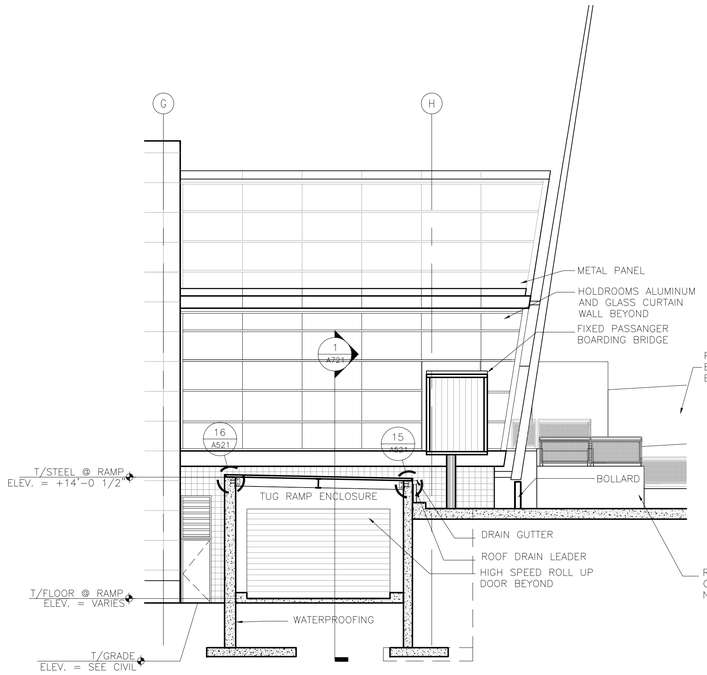
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
EXTERIOR SYSTEMS TUG TUNNEL

SHEET NUMBER
A721

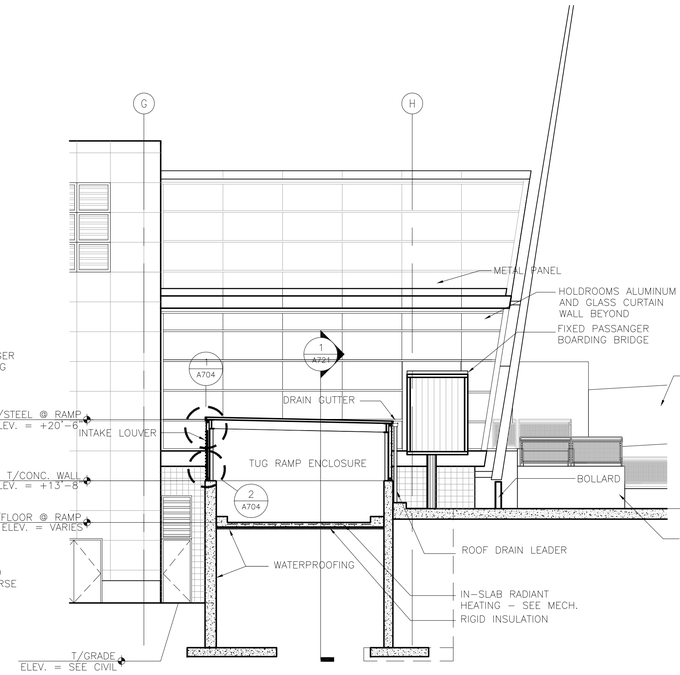
BID PACKAGE 2C



5 EAST TUG RAMP- CROSS SECTION

1/8" = 1'-0"

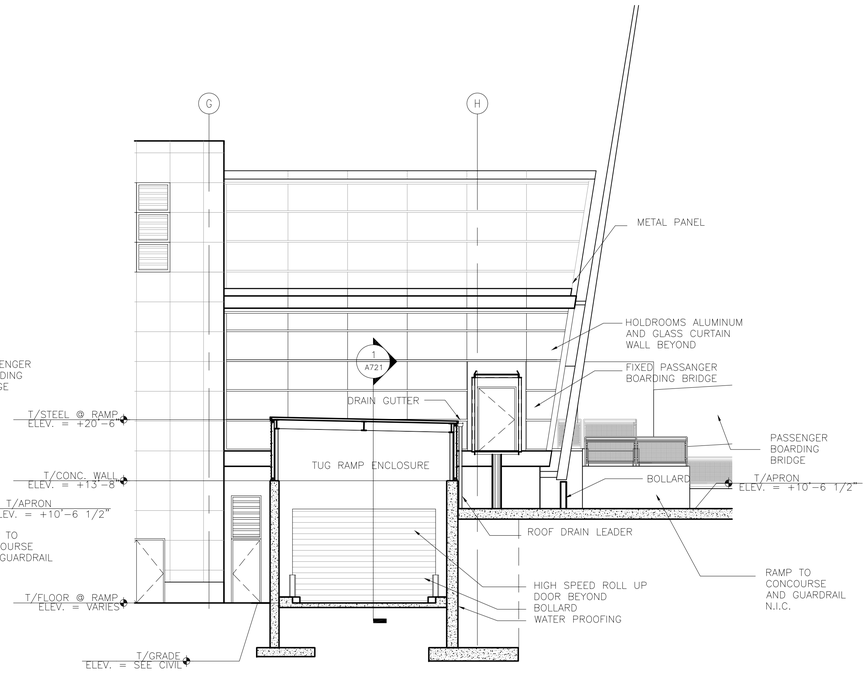
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



3 EAST TUG RAMP- CROSS SECTION

1/8" = 1'-0"

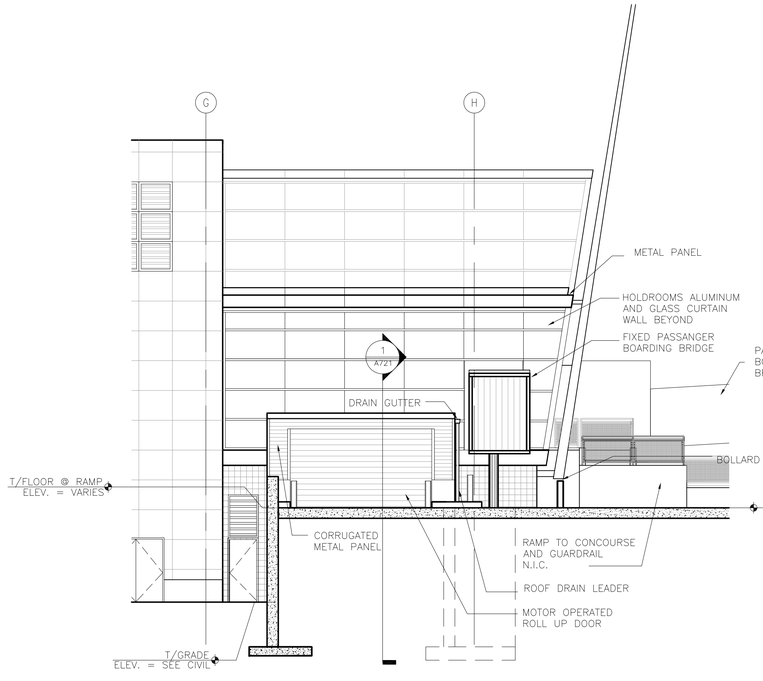
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



1 EAST TUG RAMP- CROSS SECTION

1/8" = 1'-0"

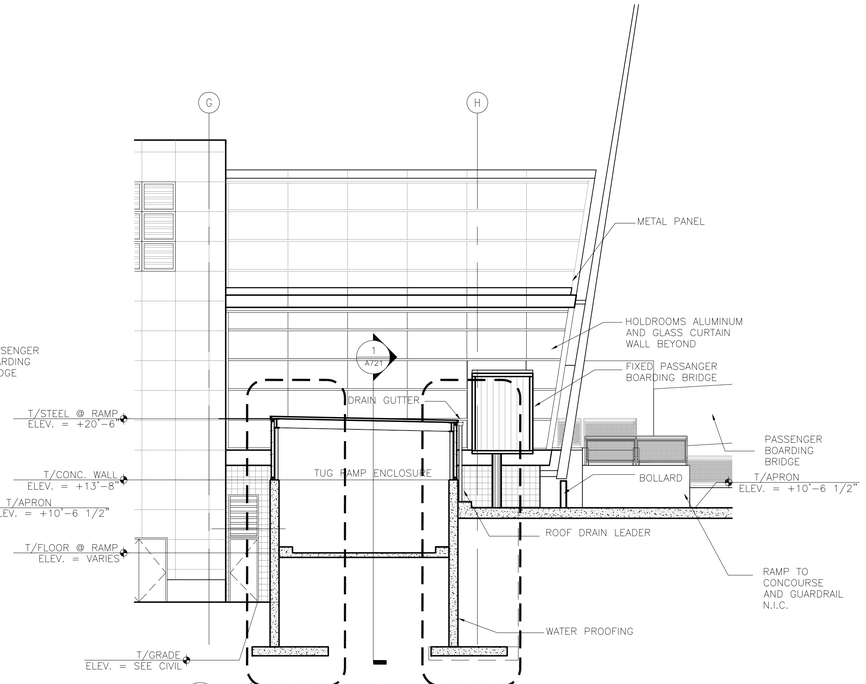
CROSS SECTION OF WEST TUG RAMP ENCLOSURE SIMILAR



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

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REVIEWED BY: TC

DRAWN BY: MKG/MI

DESIGNED BY: TC

AEP PROJECT NUMBER

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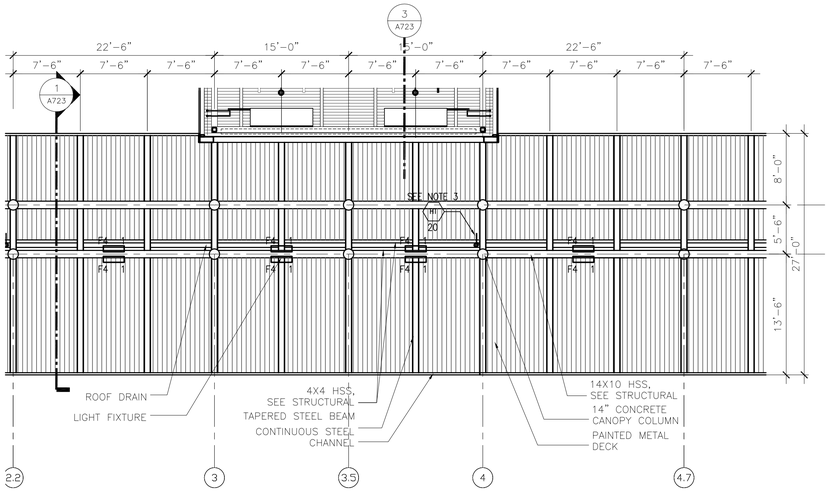
EXTERIOR SYSTEMS TUG TUNNEL

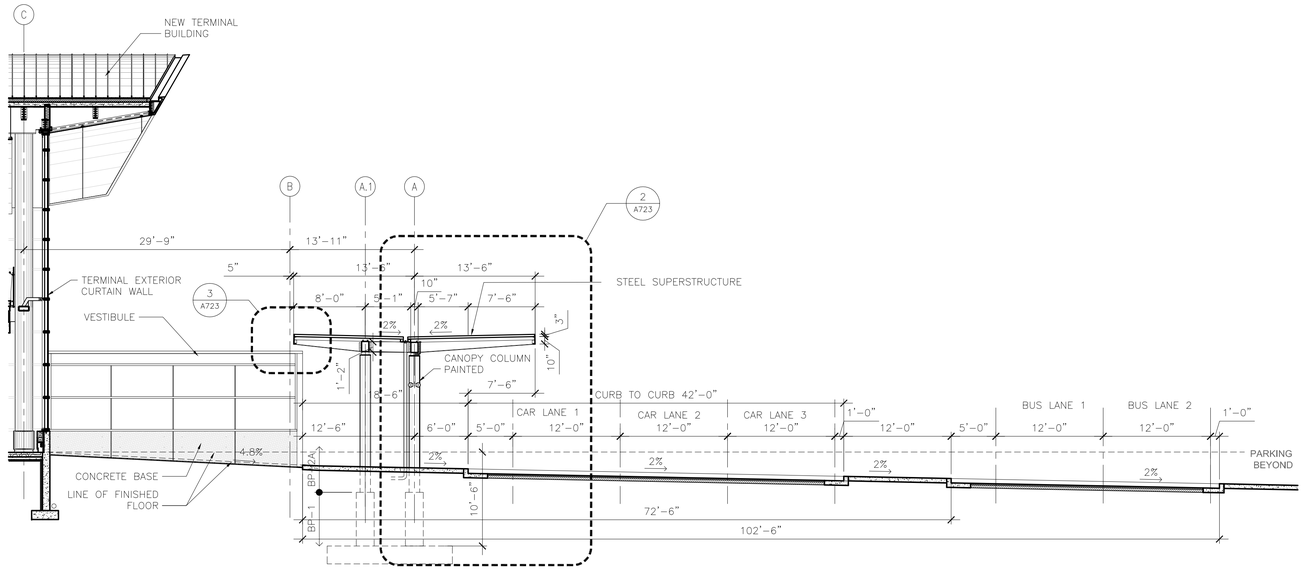
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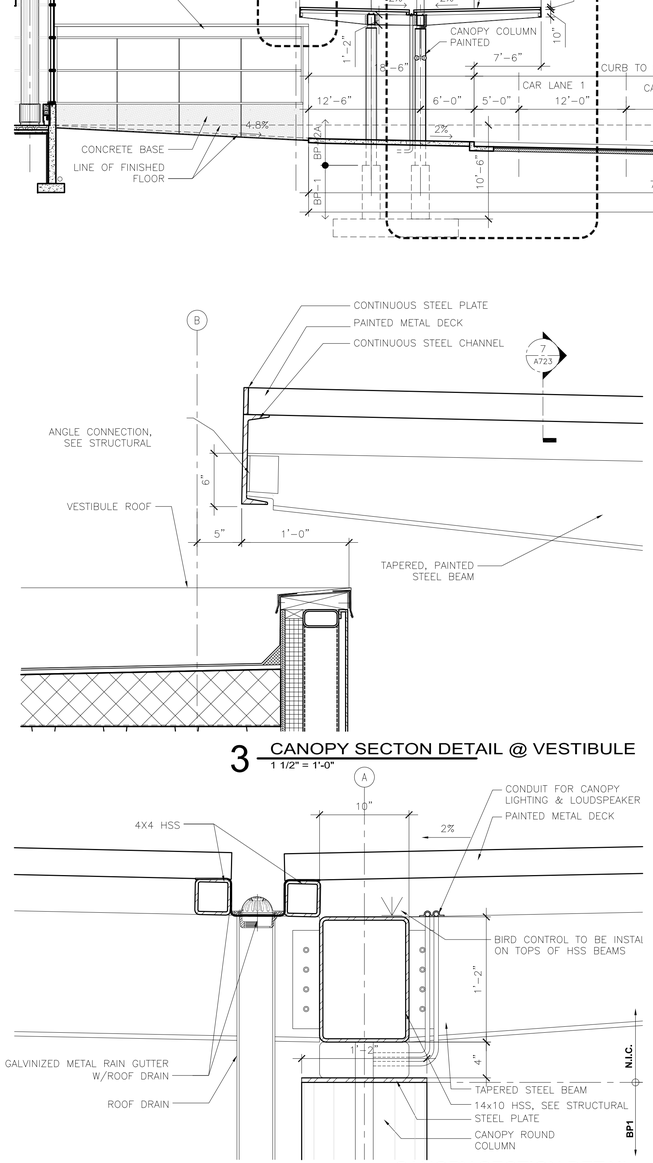
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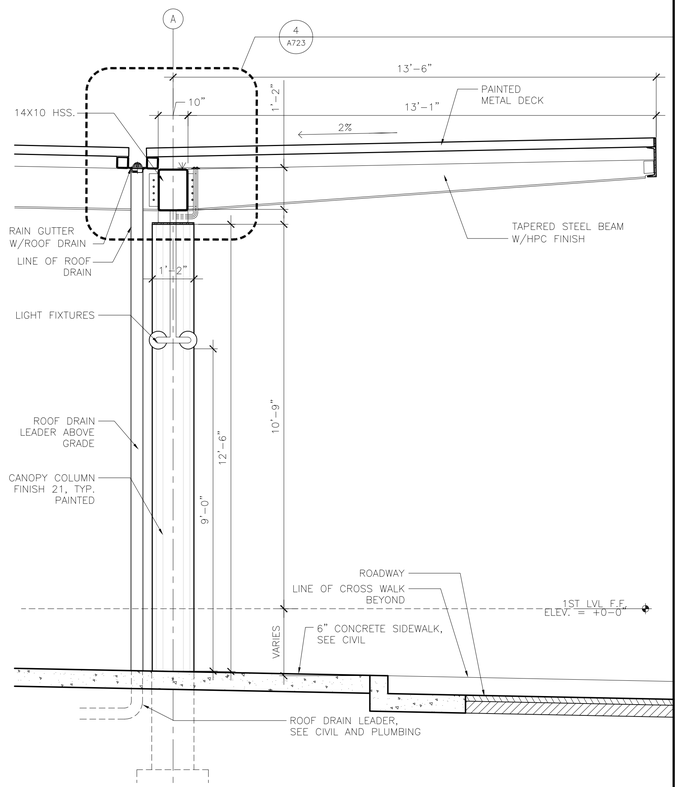


1 OVERALL CANOPY CROSS SECTION
1/8" = 1'-0"

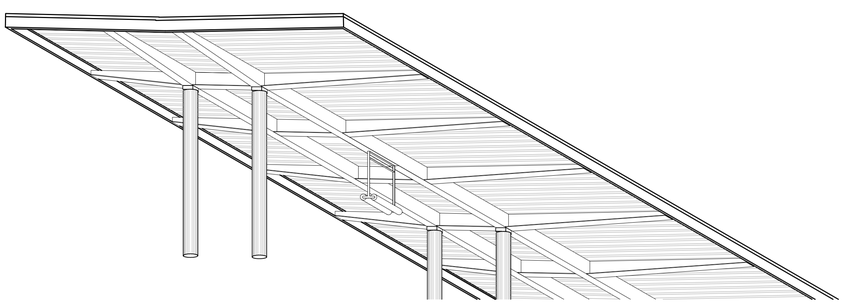
3 CANOPY SECTON DETAIL @ VESTIBULE
1 1/2" = 1'-0"



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.

5 PARTIAL REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL NOTE:
ALL STRUCTURE EXPOSED TO PUBLIC VIEW TO BE PAINTED WITH A HIGH PERFORMANCE COATING

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DATE ISSUED: 02-10-12
REVIEWED BY: XX
DRAWN BY: MK
DESIGNED BY: TC

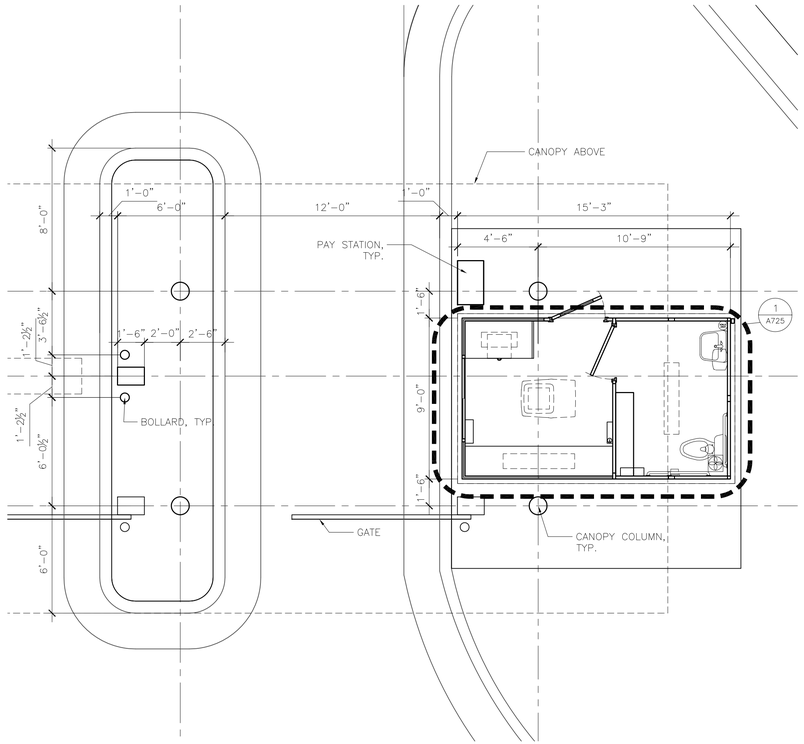
AEP PROJECT NUMBER
213-1882-091
XXX.DWG 2-10-00 12:00p

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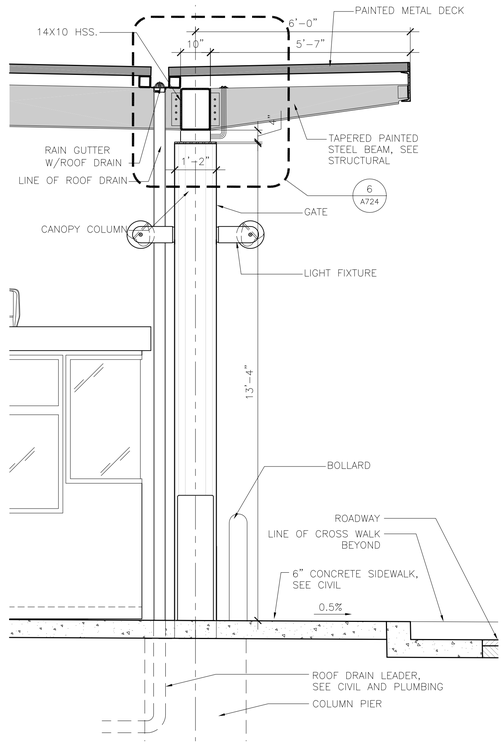
SHEET TITLE
EXTERIOR SYSTEM SHEET- CANOPY

SHEET NUMBER
A723

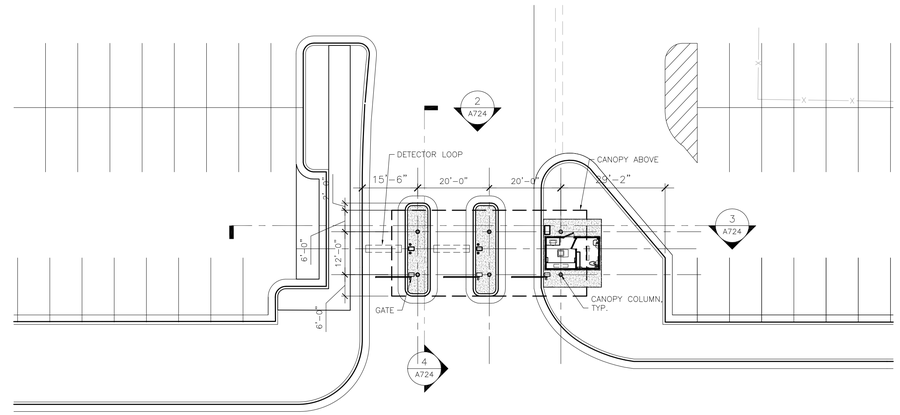
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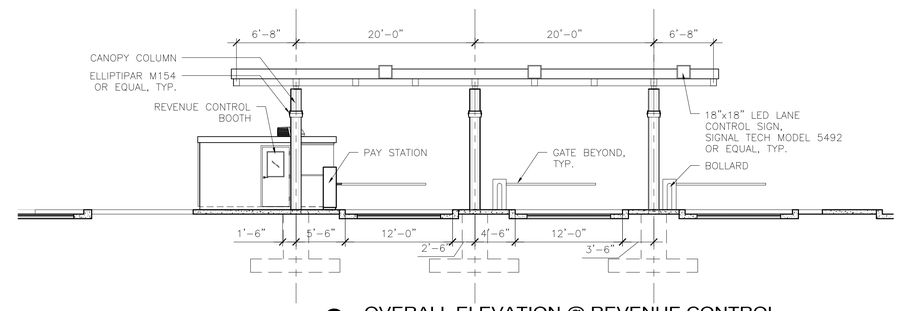
8 ENLARGED PLAN @ REVENUE CONTROL
1/4"=1'-0"



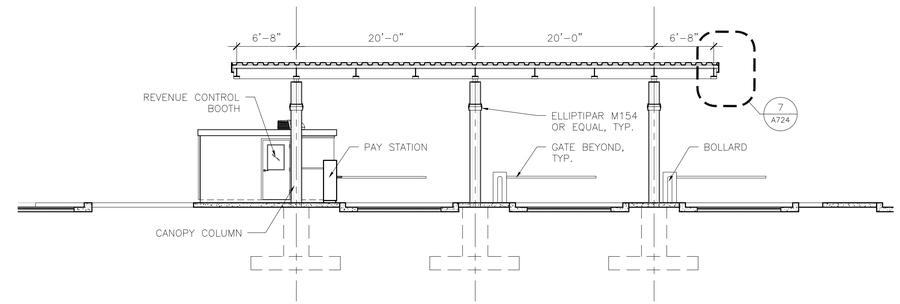
5 CANOPY PARTIAL SECTION @ REVENUE CONTROL
1/2"=1'-0"



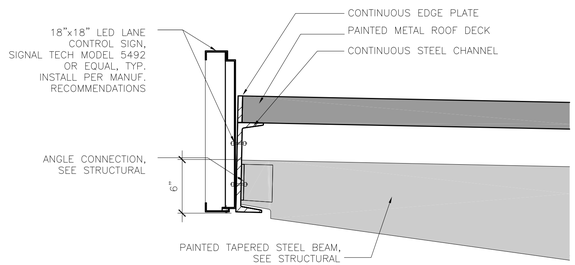
1 ARCHITECTURAL SITE PLAN @ REVENUE CONTROL
1"=20'-0"



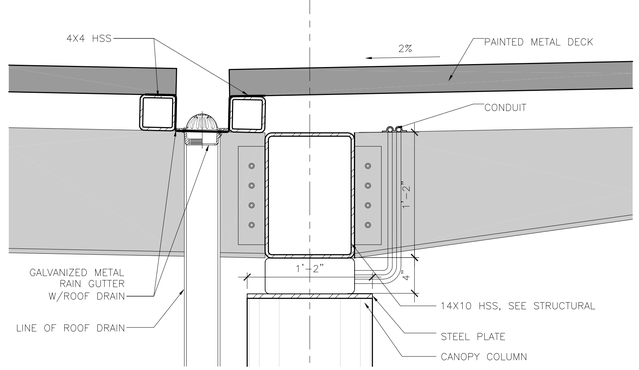
2 OVERALL ELEVATION @ REVENUE CONTROL
1/8"=1'-0"



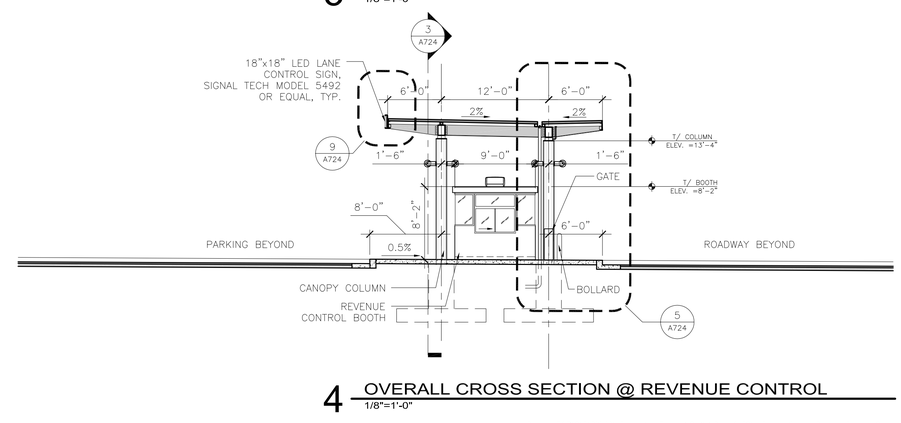
3 OVERALL LONGITUDINAL SECTION@ REVENUE CONTROL
1/8"=1'-0"



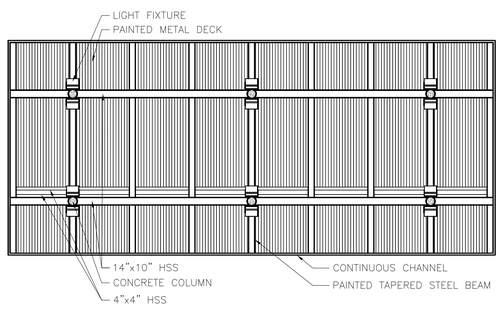
9 CANOPY SECTION DETAIL
1 1/2"=1'-0"



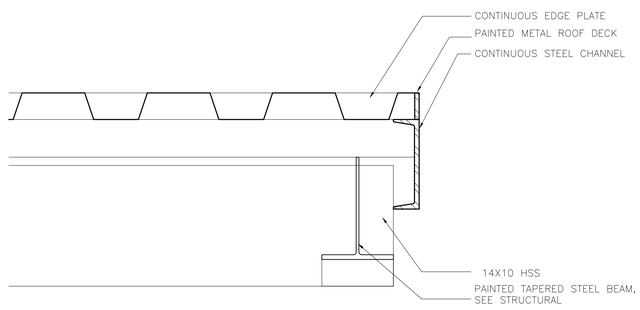
6 CANOPY SECTION DETAIL
1 1/2"=1'-0"



4 OVERALL CROSS SECTION @ REVENUE CONTROL
1/8"=1'-0"



10 CANOPY REFLECTED CEILING PLAN
1/8"=1'-0"



7 CANOPY SECTION DETAIL
1 1/2"=1'-0"

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REVIEWED BY: TC
DRAWN BY: MK
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XXX.WR 213-1882-091 VERSION-00 12:00p

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SHEET TITLE

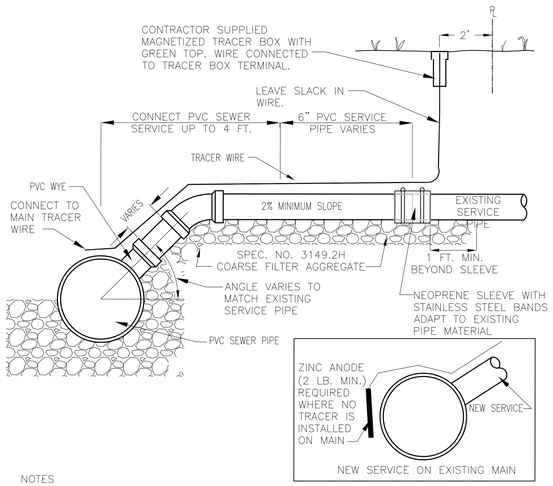
EXTERIOR SYSTEM SHEET- REVENUE CONTROL

SHEET NUMBER

A724

BID PACKAGE 2C

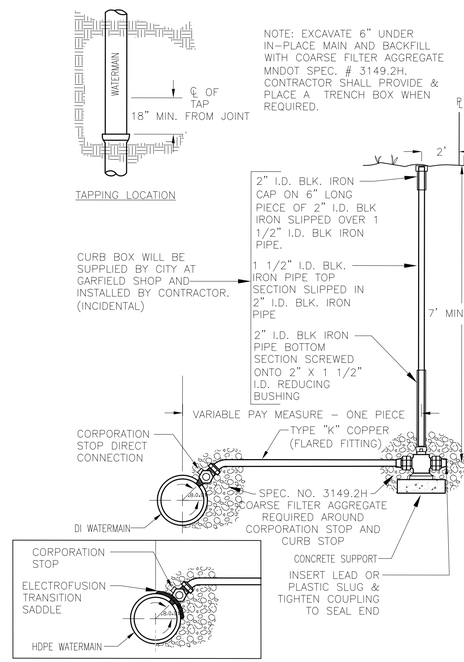
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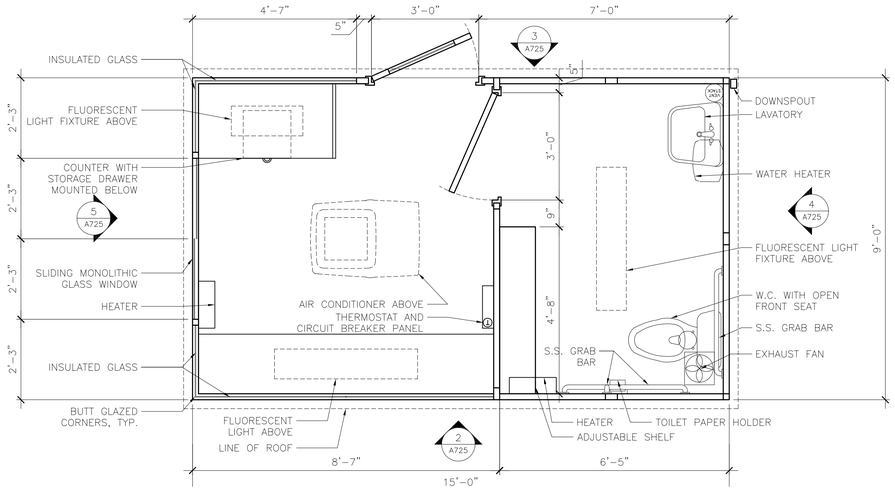
NOTES

1. BID ITEM FOR PVC WYE INCLUDES FURNISHING AND INSTALLING WYE IN SEWER MAIN.
2. CONNECT SANITARY SERVICE INCLUDES UP TO 4.0' OF PVC HOUSE SERVICE PIPE AND ALL FITTINGS
3. 6" PVC SEWER SERVICE PIPE IS INTENDED FOR THE RECONSTRUCTION OF SEWER SERVICES (WHEN FOUND TO BE IN NEED BY THE ENGINEER) COMPLETE IN PLACE FROM 4.0' BEYOND THE C/L OF THE SEWER MAIN TO A POINT DESIGNATED BY THE ENGINEER
4. FOR NEW SERVICES, PIPE TO STOP AT RIGHT OF WAY
5. #12 GAUGE GREEN INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH SANITARY SEWER MAINS AND SERVICES. TRACER WIRE TERMINAL BOXES SHALL BE INSTALLED DIRECTLY ABOVE THE SEWER SERVICE OR AS DETERMINED BY THE ENGINEER
6. FOR SERVICES, TRACER WIRE SHALL RUN FROM THE WYE AND TERMINATE IN A FLUSH MOUNTED TRACER BOX WITH A GREEN CAST IRON LOCKABLE TOP.
7. THE TRACER WIRE SHALL REMAIN CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. SPLICES IN THE TRACER WIRE SHOULD BE MADE WITH SPLIT BOLT OR COMPRESSION TYPE CONNECTORS. WIRE NUTS SHALL NOT BE USED. A WATER-PROOF CONNECTION IS NECESSARY TO PREVENT CORROSION.

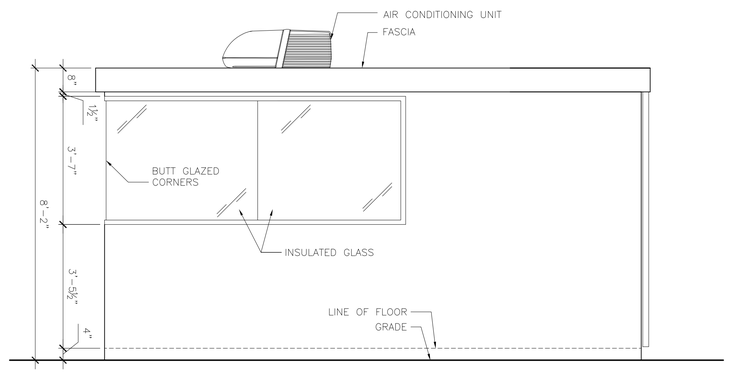
7 TYPICAL SEWER SERVICE CONNECTION
NOT TO SCALE



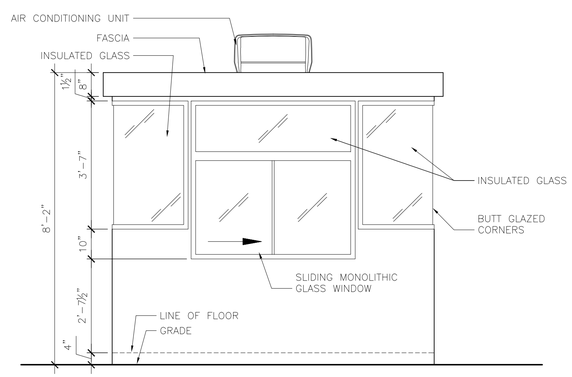
6 TYPICAL COPPER WATER SERVICE DETAIL
NOT TO SCALE



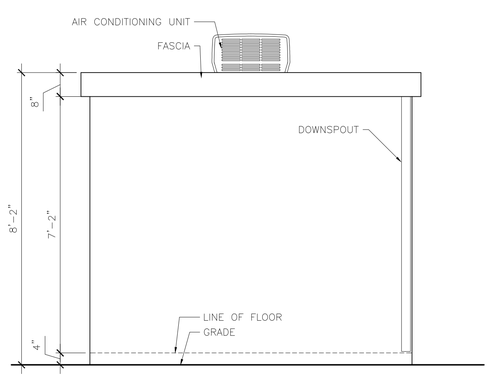
1 REVENUE CONTROL BOOTH FLOOR PLAN
1/2" = 1'-0"



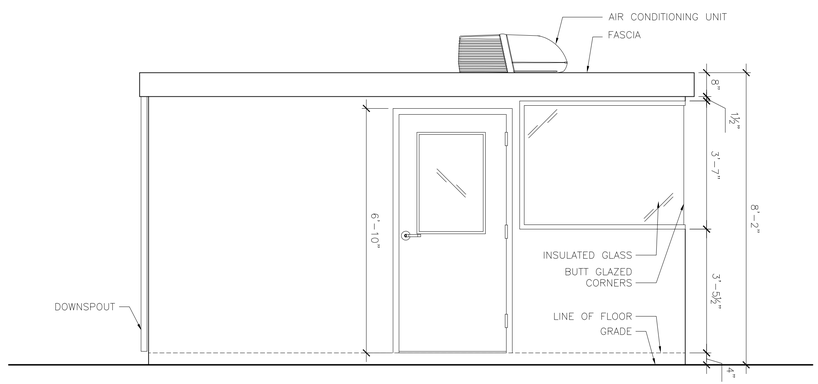
2 REVENUE CONTROL BOOTH ELEVATION
1/2" = 1'-0"



5 REVENUE CONTROL BOOTH ELEVATION
1/2" = 1'-0"



4 REVENUE CONTROL BOOTH ELEVATION
1/2" = 1'-0"



3 REVENUE CONTROL BOOTH ELEVATION
1/2" = 1'-0"

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REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MK
DESIGNED BY: TC

AEP PROJECT NUMBER
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SHEET TITLE
REVENUE CONTROL BOOTHS

SHEET NUMBER
A725

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Termina\Cad\A\Sheets\A725 Exterior System Sheet – Revenue Control Booths.dwg Plotted on: 2/10/2012 10:07 AM Plotted by: Godzina, Marc

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-3A	DP-2/ DP-4/ PT-9	SST	GL-3	SST	GL-1/ GL-3	SST	GL-3	--	CL-1/EX-2		REFER TO INTERIOR ELEVATIONS
202	CORRIDOR	CPT-3A	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	STORAGE	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
205	JAN.	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
206	MEN	T-1	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-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/ CL-6		
209	STOR.	RF-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-6		
210	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
211	OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
212	DLH POLICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
213	AIRPORT POLICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
214	TSA QUEUE	CPT-3	GL-4	SST	PT-9	SST	--	--	GL-4/ PT-9	SST	CL-2		
215	DEPLANING	TER	--	--	GL-4/ PT-9	SST	--	--	PT-9	SST	CL-2		
216	NOT USED												
217	COMM.	RF-4	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/ CPT-3	GL-1	SST	GL-1	SST	GL-4/ DP-2	SST	GL-4	SST	CL-2/ EX-2		REFER TO INTERIOR ELEVATIONS
220	TENANT												NIC
221	MEN	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 GT-1	T-4	CL-4		REFER TO INTERIOR ELEVATIONS
222	WOMEN	T-1	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	NOT USED												
225	NOT USED												
226	NOT USED												
227	MEN	T-1	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-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-4	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
231	BOARDING	CPT-2	GL-1 / GL-3	SST	GL-3/ GL-4	SST	GL-3/ GL-4	SST	DP-2/ GL-3	SST	CL-2/ EX-2		REFER TO INTERIOR ELEVATIONS
232	VEST	CPT-3	GL-1	SST	GL-3/ GL-4	SST	GL-3	SST	GL-3	SST	CL-2/ EX-2		
233	CORR.	CPT-3	GL-3/ GL-4/ DP-2	SST	GL-3/ GL-4	SST	DP-2	SST	GL-3	SST	CL-2/ EX-2		
234	FBO OFFICE	CPT-2	GL-1	SST	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-2/ EX-2		
235	WOMEN	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
236	MEN	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
237	CBP PRIMARY PROCESSING	CPT-3/ CPT-3A	PT-9	SST	PT-9	SST	PT-9	SST	PT-9	SST	CL-6		ACCENT CARPET STRIP - SEE FLOOR PLAN
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-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	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/ GL-3	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-6		
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	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		
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/ GL-3	WB	WC-2/ PT-6	WB	PT-5	WB	CL-5/ CL-6		REFER TO INTERIOR ELEVATIONS
302	CORRIDOR	CPT-5	PT-3/ PT-6	WB	PT-3/ PT-5	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-6	PT-1	RB-2	PT-4	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	TSA OFFICE	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
309	TSA STORAGE	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 CONF	CPT-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
312	TSA COMM	RF-2	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	PT-3	RB-1	CL-3		
313	BADGE	CPT-6	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-1	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-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-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/ PT-3	WB	WC-1/ PT-3	WB	--	--	GL-1/ PT-3	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	--	--	GL-1/ PT-3	WB	CL-5/ CL-6	BLINDS & BLACKOUT SHADES	
323	EXEC DIR	CPT-6	GL-1/ PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
324	OPS	CPT-6	GL-1/ PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
325	DIR.	CPT-6	GL-1/ PT-1	RB-2	PT-4	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5/ CL-6	BLINDS	
326	DIR.	CPT-6	GL-1/ PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-4	RB-2	CL-5/ CL-6	BLINDS	
327	OFFICE	CPT-6	GL-1/ PT-1	RB-2	GL-1/ PT-1	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/ PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5/ CL-6	BLINDS	
329	NOT USED												
330	NOT USED												
331	COPY	RF-1	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	PT-1	RB-2	CL-5		
332	OFFICE	CPT-6	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				
100/ 101	VESTIBULE		GL-1	--	GL-1/ CONC	--	GL-1	--	GL-1/ CONC	--	EX-3		ENTRANCE FLOORING SYSTEM- REFER TO DRAWINGS
102	CHECK- IN LOBBY	TER	--	--	GL-1/ CONC	SST	GL-1/ CONC	SST	--	--	CL-1/EX-2		
103	CHECK- IN COUNTER	TER	DP-2/ SST	SST	GL-1/ CONC	SST	--	--	--	--	CL-1/EX-2		REFER TO INTERIOR ELEVATIONS
104	LOBBY CIRCULATION	TER	DP-2/ DP-4	SST	--	--	DP-4	SST	--	--	CL-2/ CL-6		REFER TO INTERIOR ELEVATIONS
105	ELEV. #3												REFER TO DRAWING SHEET A534 & 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-4	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-4	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-4	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-4	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-4	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/ DP-4	SST	CL-1/EX-2		REFER TO INTERIOR ELEVATIONS
118	ELEV. #2												REFER TO 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	RF-2	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	RF-2	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	RF-2	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	RF-2	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	CL-3		
135	BAG	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
136	MEN	T-1	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-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	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		
141	MAINT	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
142	BHS STOR	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
143	ELEV. #3 MACH.	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
144	CBIS CONT.	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
145	W. LOCKER	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
146	M. LOCKER	RF-2	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-2	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	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-6		
152	NOT USED												
153	ELEV. #1 MACHINE	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	EX-1		
154	ELEV. #1												REFER TO ELEVATOR SPECIFICATIONS
155	RECHECK	TER	DP-4/ PT-9	SST	DP-4	SST	DP-2/ DP-4	SST	DP-4/ PT-9	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	PT-1	FT-1	PT-1	FT-1	PT-1	FT-1	PT-1	FT-1	CL-7		
171	HOLD	FT-1	PT-1	FT-1	PT-1	FT-1	PT-1	FT-1	PT-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. #2 MACH.	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	--	--	--	--	--	--	--	--			
179	WEST TUG RAMP	SC-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	CL-3		
184	BAG	RF-2	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
185	RAC 6A	TER	--	--	GL-2/ PT-9	SST	DP-1	SST	GL-2/ PT-9	SST	CL-2		
186	RAC 6B	TER	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	PT-1	RB-1	CL-3		
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	--		GLASS GUARDRAIL (GL-3)
	MAIN EAST STAIR	TER									--		GLASS GUARDRAIL (GL-3)
	MAIN WEST STAIR	TER									--		GLASS GUARDRAIL (GL-3)

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BID PACKAGE 2B ADD 1	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: VO/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

**INTERIOR

CEILING						
CL-1	SUSPENDED PAN METAL CEILING		CUSTOM PRODUCT	CUSTOM METALLIC COLOR - TO MATCH CENTRIA "CHAMPAGNE GOLD"	CUSTOM FORMAT SIZE - REFER TO ARCHITECTURAL DRAWINGS	REFER TO SHEET A621 FOR CEILING PLAN & DETAIL
CL-2	SUSPENDED WOOD GRILLE CEILING SYSTEM	RULON COMPANY	CUSTOM PANEL GRILLE ASSEMBLY: PG 7-12-37 DW QTD. WHITE ASH	CLEAR COAT- TO MATCH ARCHITECT'S SAMPLE	CUSTOM FORMAT SIZE - REFER TO ARCHITECTURAL DRAWINGS	REFER TO SHEET A 620 FOR CEILING PLAN & DETAIL
CL-3	MINERAL FIBER CEILING TILE	ARMSTRONG CEILINGS	DUNE- FINE TEXTURED BEVELED TEGULAR PRELUDE 15/16"	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	SECURED WITH EXPANDED METAL MESH	UNLESS OTHERWISE NOTED
EX-1	EXPOSED CEILING - UNFINISHED					
EX-2	EXPOSED CEILING - PAINTED			PAINT COLOR: PT-11		
EX-3	EXPOSED CEILING - PAINTED			PAINT COLOR: PT-2		

INTERIOR MATERIAL SCHEDULE

CODE TAG	MATERIAL	MANUFACTURER	SERIES	COLOR/ FINISH	DIMENSIONS	EDGE STYLE
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
QS-4	QUARTZ SURFACING	CAMBRIA		TBD	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 ARCHITECT'S 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
138	MEN	QS-4	MTL-1			
139	WOMEN	QS-4	MTL-1			
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	
185	RAC 6A	QS-1	DP-3/ MTL-1	DP-3/ MTL-1		
206	MEN	QS-4	MTL-1			
207	WOMEN	QS-4	MTL-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		
221	MEN	QS-4	MTL-1			
222	WOMEN	QS-4	MTL-1			
227	MEN	QS-4	MTL-1			
228	WOMEN	QS-4	MTL-1			
237	CBP PRIMARY PROCESSING	PL-2	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	
315	MEN	QS-4	MTL-1			
316	WOMEN	QS-4	MTL-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	CARPET TILE	BENTLEY PRINCE STREET	LAKE STREET / 4LR220620R BACKING: OPTIMUM BARRIER II	VIOLATIONS- HOV LANE 400960	24" x 24" TILES/ ASHLAR INSTALL	ANCILLARY SPACES
CPT-2	CARPET TILE	MASLAND CONTRACT	MOLTEN / T431	NUTRIENT 04432	24" x 24" TILES/ ASHLAR INSTALL	PUBLIC AREAS
CPT-3	CARPET TILE	MASLAND CONTRACT	TENSILE/ T430	NUTRIENT 04432	24" x 24" TILES/ QUARTER TURN INSTALL	PUBLIC AREAS
CPT-3A	CARPET TILE	MASLAND CONTRACT	TENSILE/ T430	STEEL 04486	24" x 24" TILES/ MONOLITHIC INSTALL	ACCENT CARPET TILE
CPT-4	BROADLOOM	BENTLEY PRINCE STREET	SCAN/ 4SH3406301 BACKING: OPTIMUM BARRIER II	DIGITAL 404182	12' ROLLED GOODS	ADMIN LEVEL - RECEPTION/ OPEN OFFICE
CPT-5	CARPET TILE	MASLAND CONTRACT	MOLTEN / T431	STEEL 04486	24" x 24" TILES/ ASHLAR INSTALL	ADMIN - LOBBY/ CONF ROOMS
CPT-6	BROADLOOM	BENTLEY PRINCE STREET	URBAN SCENE/ 8US340630R BACKING: HIGH PERFORMANCE PC	DELGAZETTE 888879	12' ROLLED GOODS	ADMIN LEVEL - PRIVATE OFFICES
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 FLAKE TO MATCH ARCHITECT'S SAMPLE	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 W/ RECYCLED CONTENT	IRON 15168	6' ROLLED GOODS 0.080" OVERALL THICKNESS	
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			STANDARD- TBD		
TER-1	TERRAZZO FLOORING	TERRAZZO & MARBLE SUPPLY	RESINOUS MATRIX	TM# 05-1116	REFER TO TERRAZZO PLAN SHEETS 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 TERRAZZO PLAN SHEETS 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 TERRAZZO PLAN SHEETS 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 TERRAZZO PLAN SHEETS 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
BASE						
RB-1	RUBBER BASE- STANDARD PROFILE	JOHNSONITE	TIGHTLOCK SERIES	179 STEEL	4" HIGH	ANCILLARY SPACES
RB-2	RUBBER BASE- UPGRADED PROFILE	JOHNSONITE	MILLWORK SERIES- REVEAL	179 STEEL	4" HIGH	ADMIN LEVEL
SST	STAINLESS STEEL BASE		STAINLESS STEEL	#710 BRUSHED	6" HIGH	PUBLIC AREAS
WB	WOOD BASE		QTD MAPLE	CUSTOM STAINED OR PAINTED TO MATCH WALL COLOR	4" HIGH	ADMIN LEVEL
WALLS						
DP-1	DECORATIVE PANELS- WOOD	RULON COMPANY	VENEER WALL PANELS QTD MAPLE FSC CERTIFIED	CLEAR COAT- TO MATCH ARCHITECT'S SAMPLE	REFER TO INTERIOR ELEVATION SHEETS	GRAIN -VERTICAL
DP-2	DECORATIVE PANELS- WOOD	RULON COMPANY	VENEER WALL PANELS QTD CHERRY EXP FSC CERTIFIED	NATURAL FINISH W/ CLEAR COAT- TO MATCH ARCHITECT'S 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	GRAIN- HORIZONTAL
DP-4	DECORATIVE PANELS- METAL	TRESPA	VIRTUON INTERIOR PANELS	STANDARD COLOR TO BE SELECTED	REFER TO INTERIOR ELEVATION SHEETS THICKNESS: 6 MM	
GL-1	EXTERIOR GLAZING SYSTEM				REFER TO EXTERIOR SYSTEMS SHEETS & SPECIFICATIONS	
GL-2	INTERIOR TEMPERED PATTERNED GLASS	FORMS & SURFACES VIVID GLASS	KALAHARI	N/A	REFER TO INTERIOR ELEVATION SHEETS THICKNESS: 1/4"	
GL-3	CLEAR TEMPERED FLOAT GLASS				REFER TO INTERIOR ELEVATION SHEETS	
GL-3.1	CLEAR TEMPERED FLOAT GLASS				REFER TO INTERIOR ELEVATION SHEETS	W/ REFLECTIVE MIRROR FILM
GL-3.2	CLEAR TEMPERED FLOAT GLASS				REFER TO INTERIOR ELEVATION SHEETS	W/ TRANSLUCENT FROST FILM 27" -75" AFF
GL-4	LAMINATED DECORATIVE GLASS WITH TWO CUSTOM GRAPHIC INNER LAYERS & GRADIANCE (CUSTOM FADE) INNER LAYER	VIVID GLASS	VIVIGRAPHIC VIEW VGV3506-00-GG W/ VIVIGRAPHIX SCATTER GRADIANCE	FINISH: SMOOTH COLORMATCH: N/A	REFER TO INTERIOR ELEVATION SHEETS	TO MATCH GRAPHIC PATTERN DESIGN AND GRADANCE FADE LAYOUT PROVIDED BY ARCHITECT
GL-5	CLEAR LAMINATED ELEVATOR GLASS				REFER TO ELEVATOR SYSTEMS SHEETS	ELEVATOR CABS & HOISTWAYS
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	AFFINITY SERIES	PAPER MACHE AF-25		
PT-2	PAINT	BENJAMIN MOORE	AFFINITY SERIES	FROSTINE AF-5		GENERAL CEILING COLOR
PT-3	PAINT	BENJAMIN MOORE	AFFINITY SERIES	JUTE AF-80		
PT-4	PAINT	BENJAMIN MOORE	AFFINITY 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 WALL COVERINGS	VYCON LEGACY Y45015LG/ 4558	SORRELL	54" WIDTH	
WC-2	WALL COVERING	MDC WALL COVERINGS	VYCON LEGACY SWING Y46148LS/ 4558	BURMESE JADE	54" WIDTH	
WC-3	WALL COVERING	MDC WALL COVERINGS	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 WALL COVERING	STANDARD - TBD	THICKNESS .040"	PARTIAL HEIGHT 5'-0" AFF- ALL LOCATIONS

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
1	BID PACKAGE 2B ADD 1	8.23.11
	BIP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: VO/MI
DESIGNED BY: TC

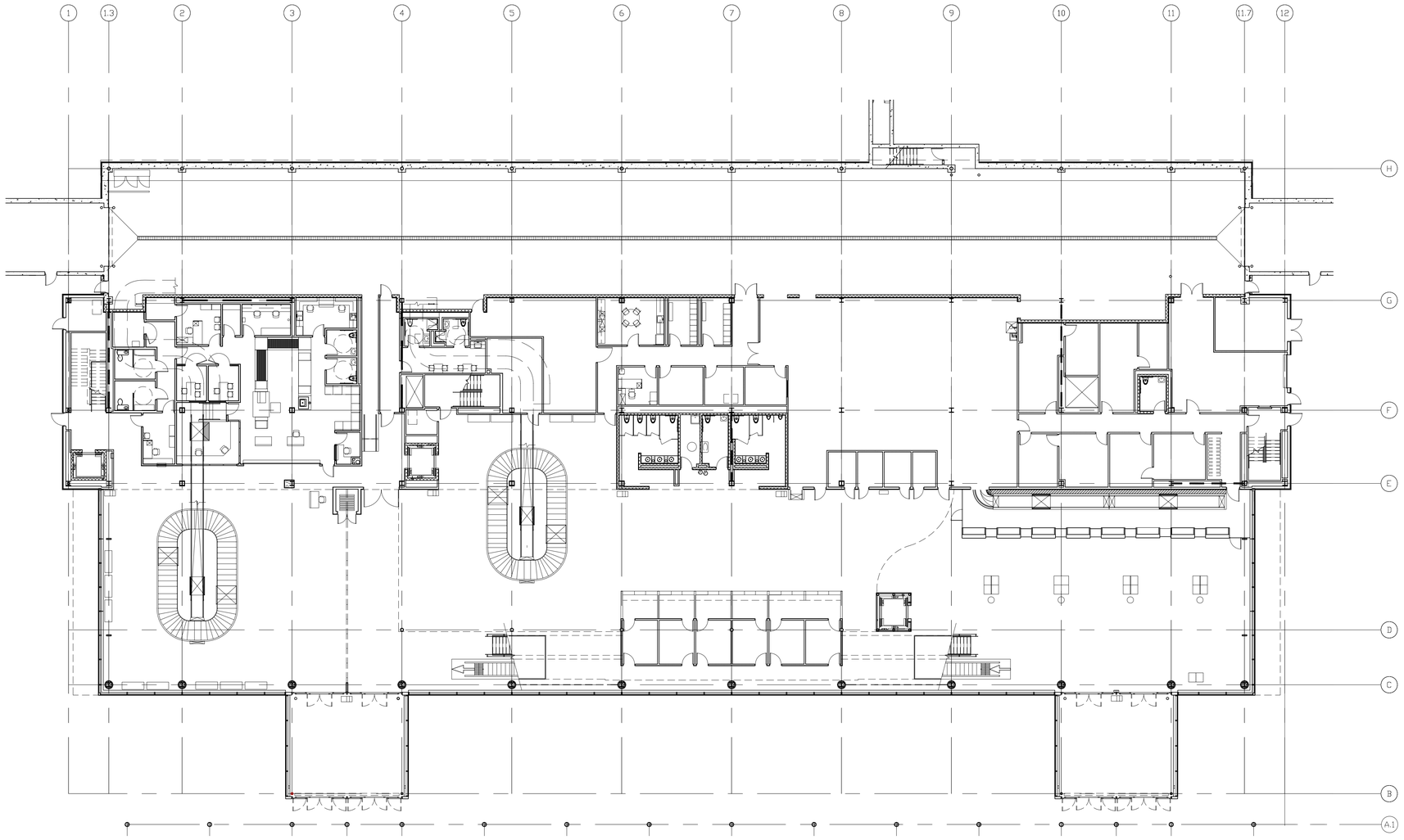
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
INTERIOR MATERIALS AND EQUIPMENT SCHEDULE

SHEET NUMBER
A802

BID PACKAGE 2C



N

1 FIRST LEVEL FURNITURE PLAN
1/16" = 1'-0"

GENERAL LAYOUT ONLY- REFER TO ENLARGED PLANS FOR FURNITURE CODES

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Print Name: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: RS
DRAWN BY: EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

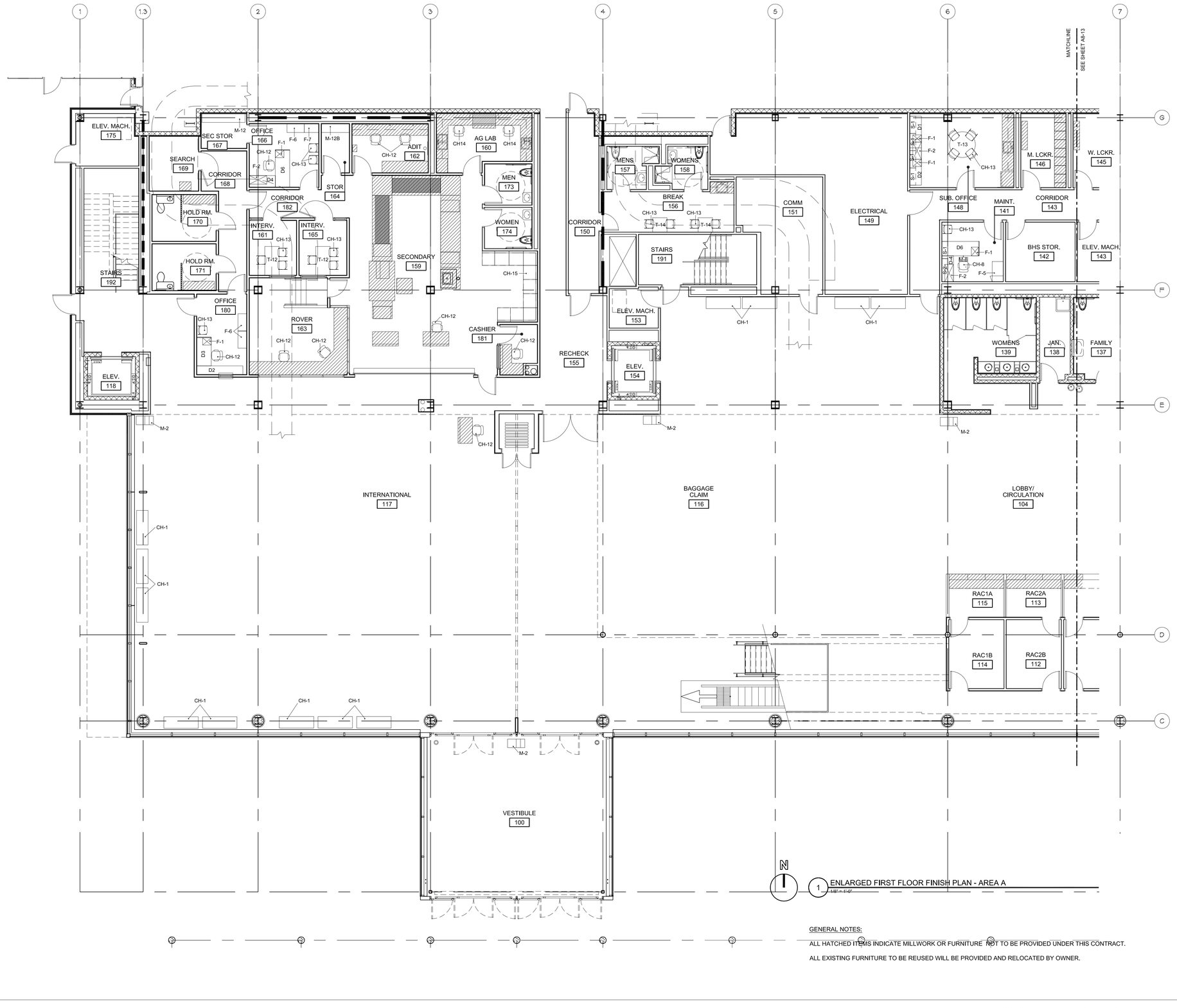
FIRST FLOOR FURNITURE PLAN

SHEET NUMBER

A811

BID PACKAGE 2C

Drawing: F:\090004.00 Duluth Airport Interiors\DRAW\00CRNT\ARCH\Duluth Airport Interiors\Sheets\A811 First Floor Furniture Plan.dwg Plotted on: 2/9/2012 5:27 PM Plotted by: Elizabeth Bolduc



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

GENERAL NOTES:

ALL HATCHED ITEMS INDICATE MILLWORK OR FURNITURE NOT TO BE PROVIDED UNDER THIS CONTRACT.

ALL EXISTING FURNITURE TO BE REUSED WILL BE PROVIDED AND RELOCATED BY OWNER.

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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: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: RS
DRAWN BY: EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

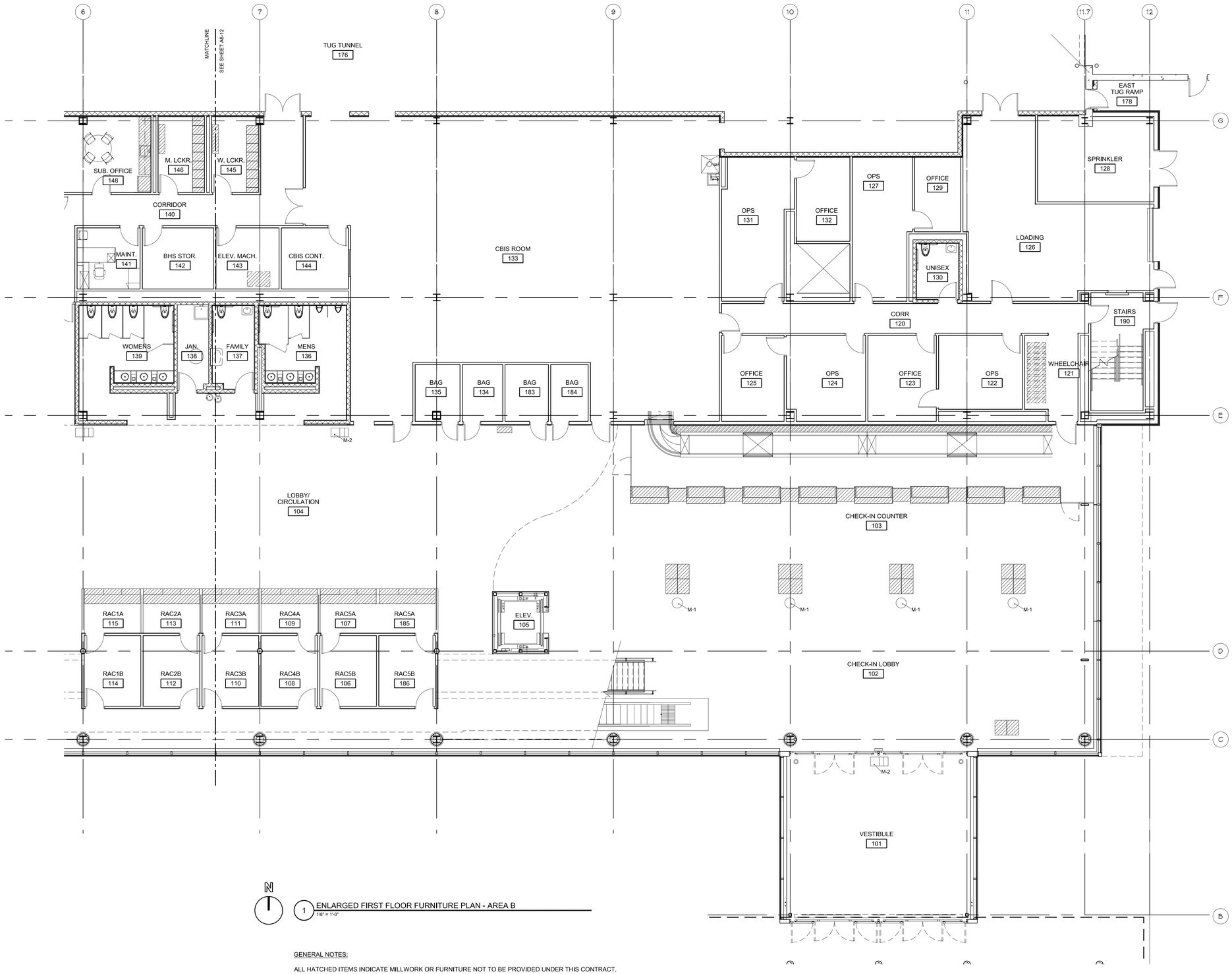
FIRST FLOOR FURNITURE PLAN AREA A

SHEET NUMBER

A812

BID PACKAGE 2C

Drawing: F:\090004.00 Duluth Airport Interiors\DRAW\00CRNT\ARCH\Duluth Airport Interiors\Sheets\A812 Enlarged First Floor Furniture Plan Area A.dwg Plotted on: 2/9/2012 5:31 PM Plotted by: Elizabeth Bolduc



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

GENERAL NOTES:

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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: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: RS
DRAWN BY: EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

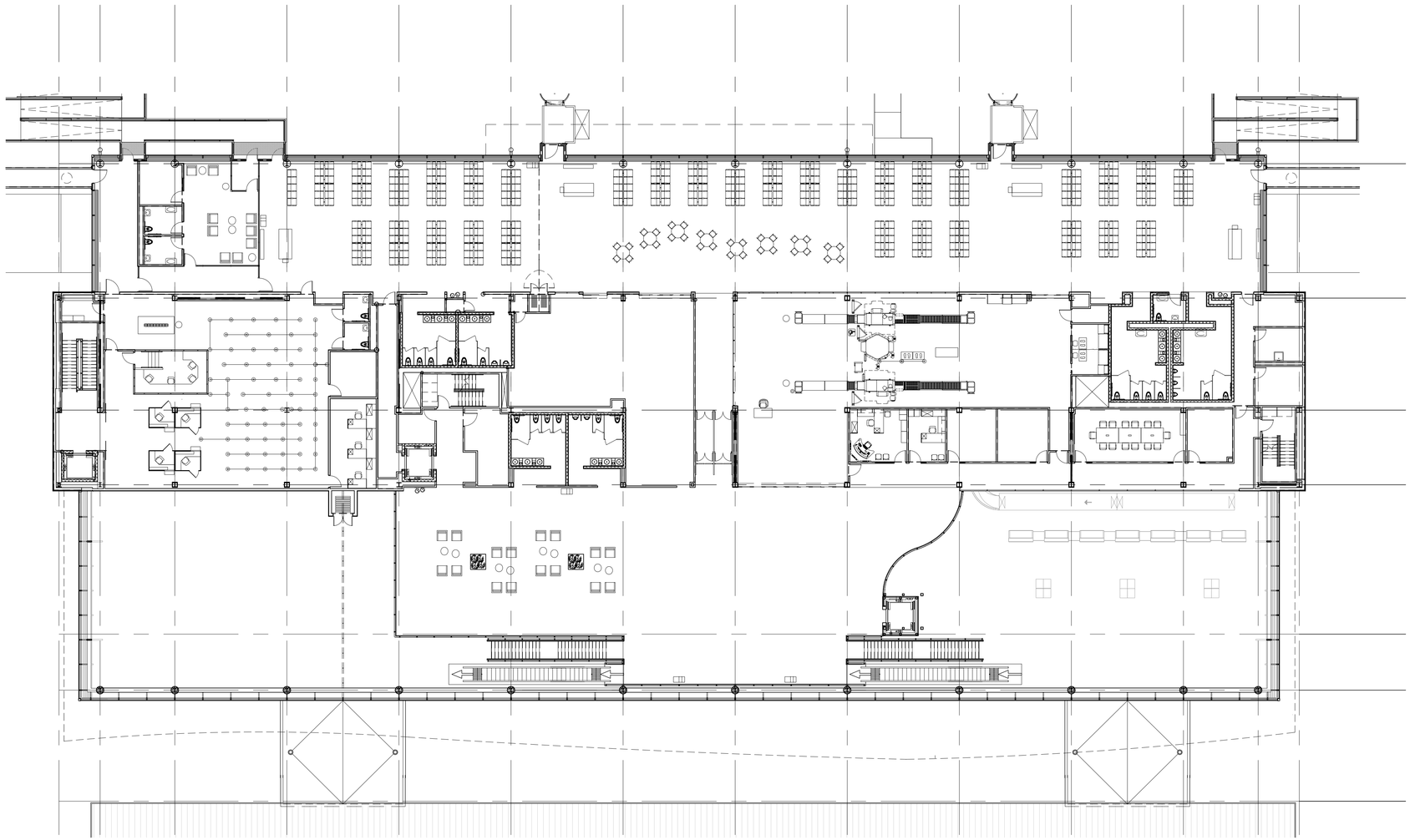
FIRST FLOOR FURNITURE PLAN AREA B

SHEET NUMBER

A813

BID PACKAGE 2C

Drawing: F:\090004.00 Duluth Airport Interiors\DRAW\00CRNT\ARCH\Duluth Airport Interiors\Sheets\A813 Enlarged First Floor Furniture Plan Area B.dwg Plotted on: 2/9/2012 5:13 PM Plotted by: Elizabeth Baldus



N

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

GENERAL LAYOUT ONLY- REFER TO ENLARGED PLANS FOR FURNITURE CODES

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ARCHITECTURAL CERTIFICATION
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Print Name: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: RS
DRAWN BY: EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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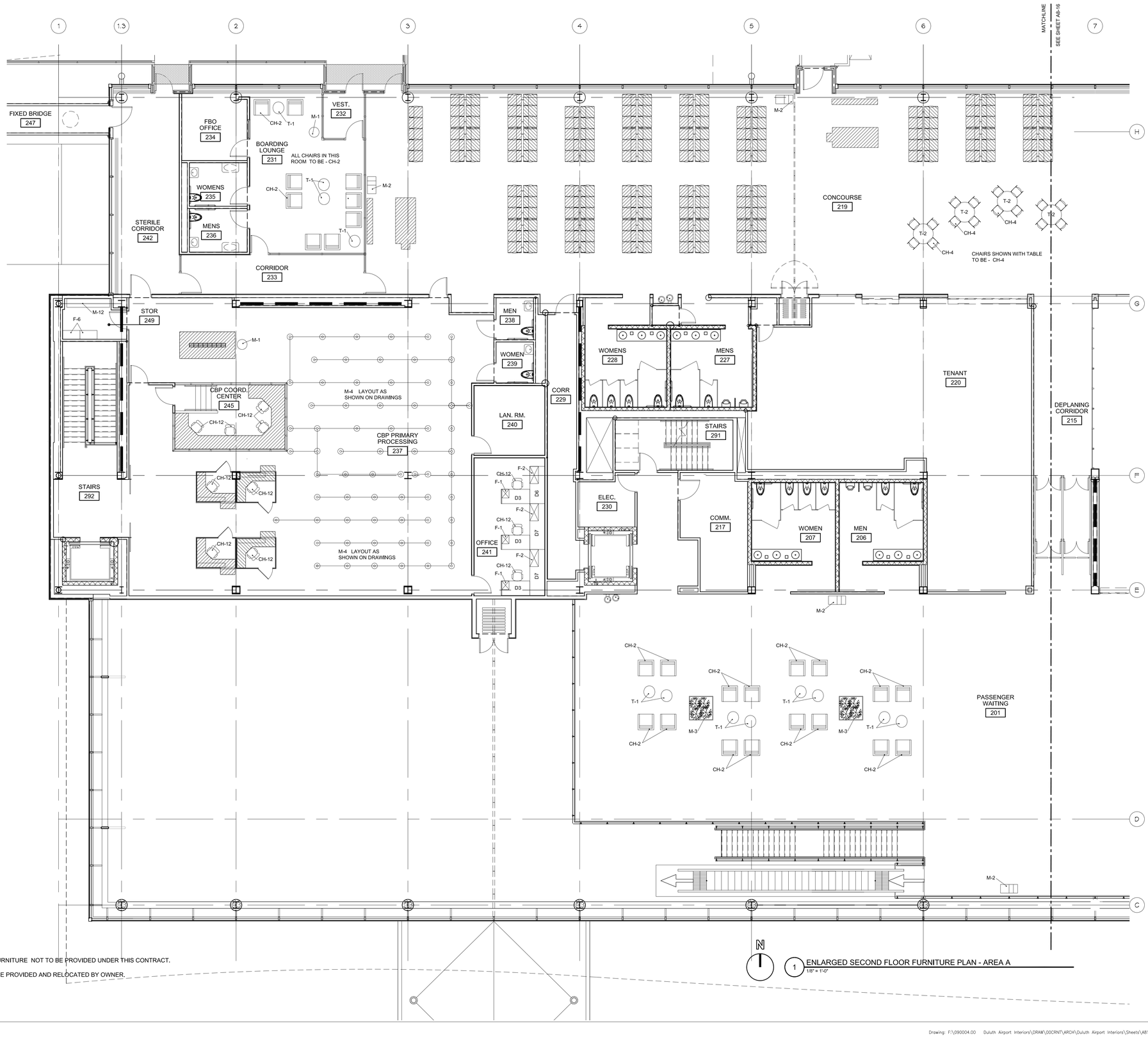
SHEET TITLE

SECOND FLOOR FURNITURE PLAN

SHEET NUMBER

A814

BID PACKAGE 2C



GENERAL NOTES:

ALL HATCHED ITEMS INDICATE MILLWORK OR FURNITURE NOT TO BE PROVIDED UNDER THIS CONTRACT.

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

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Print Name:

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

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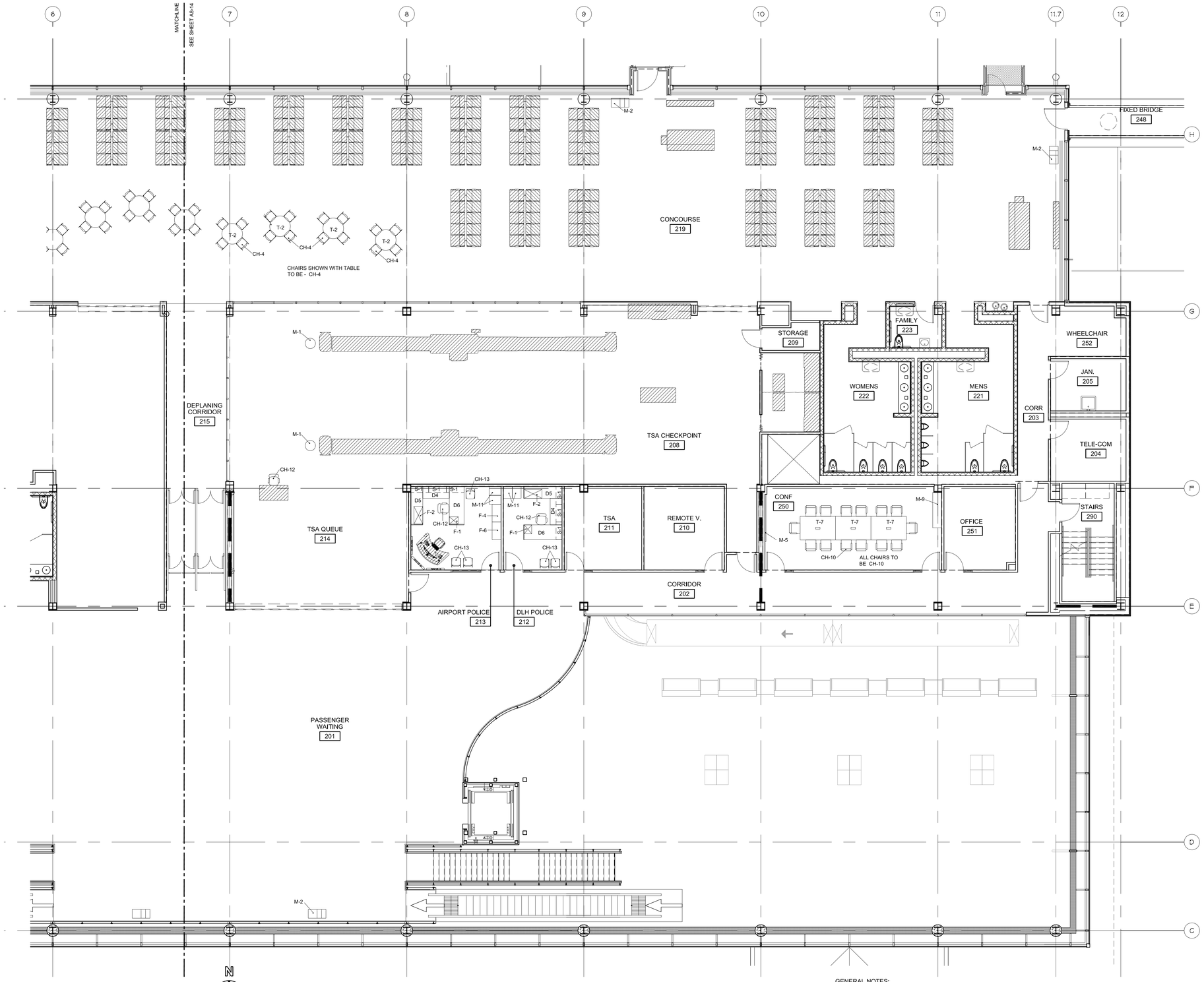
SHEET TITLE

SECOND FLOOR FURNITURE PLAN AREA A

SHEET NUMBER

A815

BID PACKAGE 2C



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

GENERAL NOTES:

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Print Name: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: RS
DRAWN BY: EB
DESIGNED BY: EB

AEP PROJECT NUMBER
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SHEET TITLE

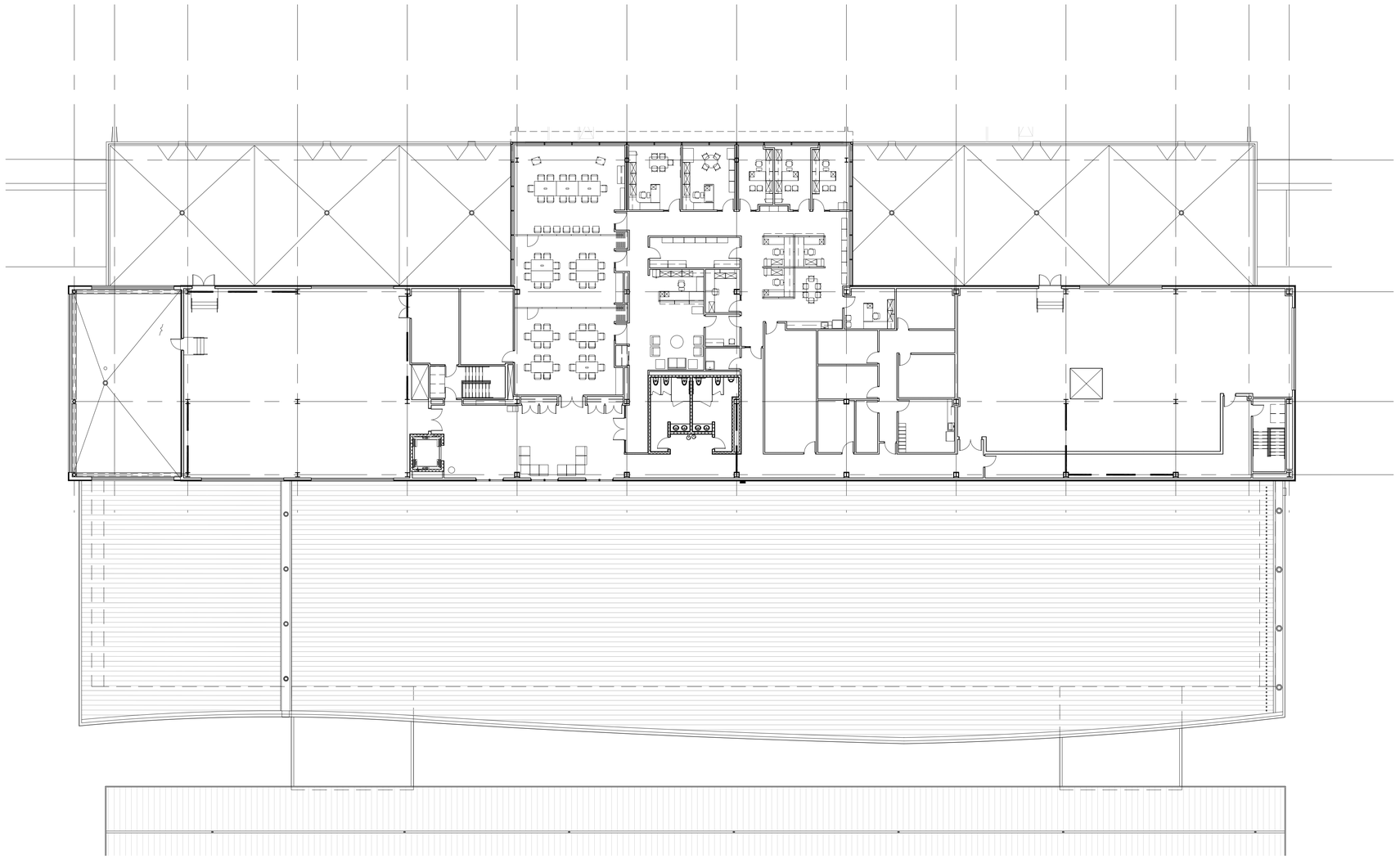
SECOND FLOOR FURNITURE PLAN AREA B

SHEET NUMBER

A816

BID PACKAGE 2C

Drawing: F:\090004.00 Duluth Airport Interiors\DRAW\DOCRNT\ARCH\Duluth Airport Interiors\Sheets\A816 Enlarged Second Floor Furniture Plan Area B.dwg Plotted on: 2/9/2012 5:42 PM Plotted by: Elizabeth Bolduc



N

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

GENERAL LAYOUT ONLY- REFER TO ENLARGED PLANS FOR FURNITURE CODES

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Print Name: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
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DESIGNED BY: EB

AEP PROJECT NUMBER
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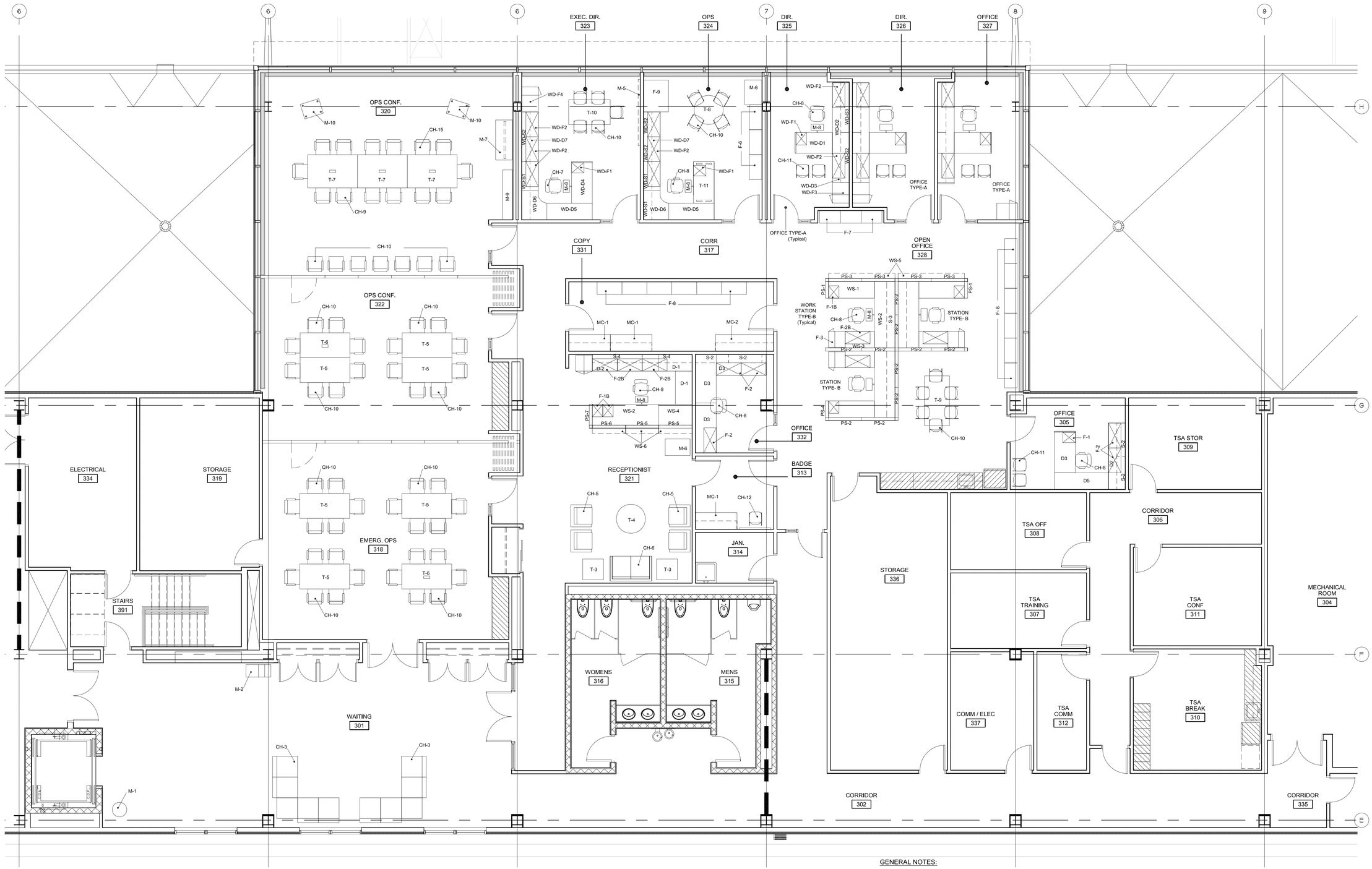
SHEET TITLE

THIRD FLOOR FURNITURE PLAN

SHEET NUMBER

A817

BID PACKAGE 2C



GENERAL NOTES:

ALL HATCHED ITEMS INDICATE MILLWORK OR FURNITURE NOT TO BE PROVIDED UNDER THIS CONTRACT.

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1 ENLARGED THIRD FLOOR FURNITURE PLAN - ADMIN.
3/16" = 1'-0"

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DULUTH INTERNATIONAL AIRPORT
DULUTH, MN

NEW PASSENGER TERMINAL

CONSULTANTS

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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: Ronald E. Stanius, AIA

Signature:

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE
	100% REVIEW	12.15.10
	BID PACKAGE 2B	08.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	02.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: RS
DRAWN BY: EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

THIRD FLOOR FURNITURE PLAN ADMIN.

SHEET NUMBER

A818

BID PACKAGE 2C

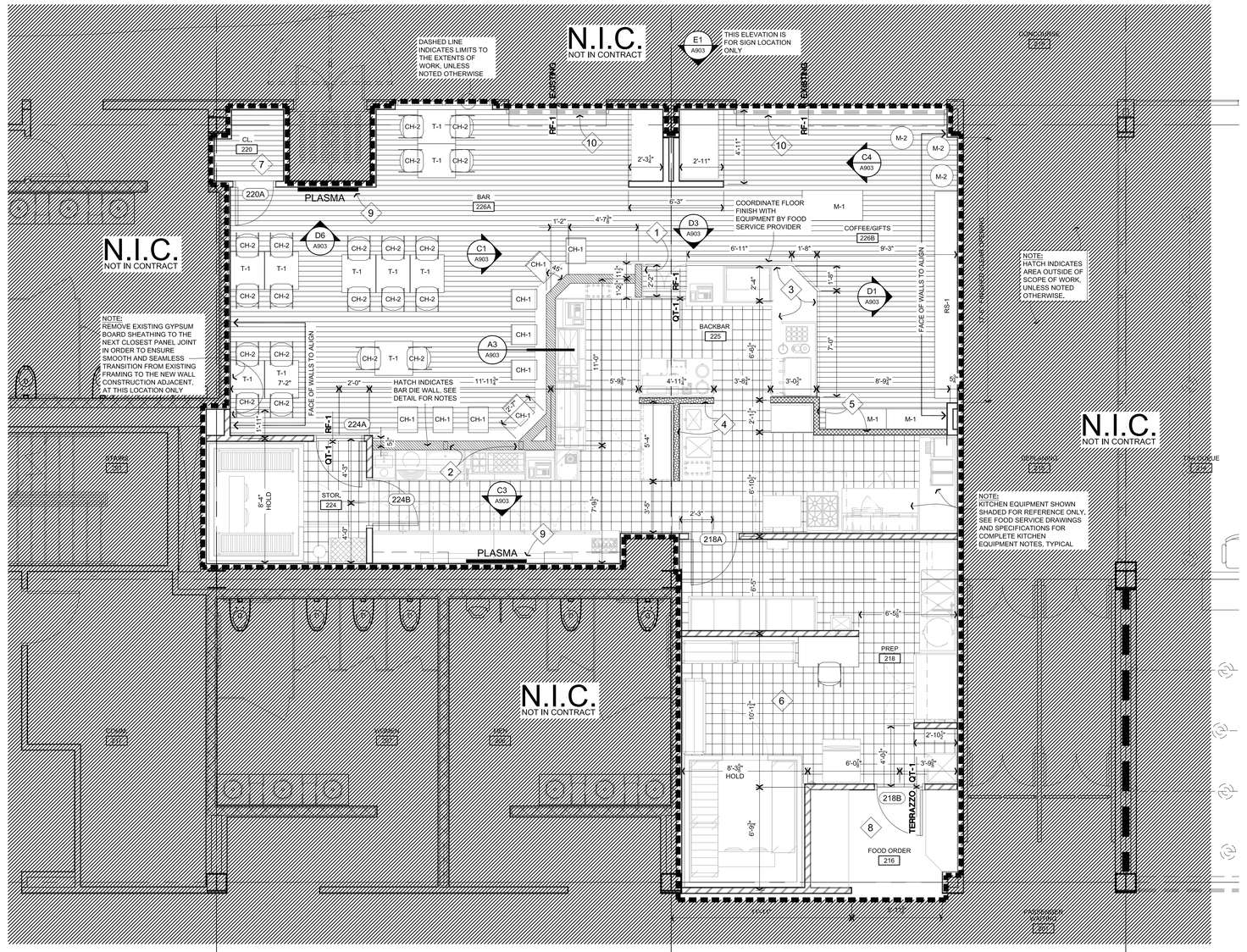
Drawing: F:\090004.00 Duluth Airport Interiors\DRAW\00CRNT\ARCH\Duluth Airport Interiors\Sheets\A818 Enlarged Third Floor Furniture Plan Admin.dwg Plotted on: 2/9/2012 5:06 PM Plotted by: Elizabeth Bolduc

INTERIOR / ROOM FINISH NOTES

1. THE CONTRACT DOCUMENTS ARE COMPLIMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL.
2. DO NOT SCALE DRAWINGS FOR DIMENSIONS.
3. CROSS-REFERENCE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS TO ASSURE COORDINATION OF LOCATION, SIZES AND MATERIALS.
4. SEE MECHANICAL/ ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR FLOOR & WALL PENETRATIONS. FIRE SAFING DETAILS AROUND PIPES, CONDUITS & DUCTS ETC.
5. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS, DIMENSIONS, ETC. AND NOTIFY THE ARCHITECT OF ANY CONDITIONS THAT WOULD ADVERSELY AFFECT THE WORK.
6. THE CONTRACTOR SHALL CONFORM TO MATERIAL MANUFACTURERS' STANDARD RECOMMENDATIONS, DETAILS AND INSTALLATION PROCEDURES, AND NOTIFY THE ARCHITECT IMMEDIATELY IF THEY ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS PRIOR TO PROCEEDING.
7. EXISTING CONSTRUCTION INDICATED TO REMAIN THAT IS DAMAGED OR AFFECTED BY THE WORK SHALL BE REPAIRED AND RESTORED TO ITS ORIGINAL CONDITION. WHERE EXISTING FINISHES HAVE BEEN DISTURBED, AND ARE NOT SPECIFICALLY REFERRED TO IN THE PROJECT MANUAL, THE EXISTING MATERIAL SHALL BE REPAIRED OR REPLACED TO MATCH EXISTING, AND THE AFFECTED AREA REFINISHED TO LOGICAL TERMINATION POINTS, AS DIRECTED BY THE ARCHITECT.
8. WHERE A NOTE CALLS FOR INFILL AND/OR PATCHING OF AN EXISTING SURFACE, PATCH TO MATCH PLANE AND FINISH OF ADJACENT SURFACES. CONTRACTOR SHALL PATCH/REFINISH AFFECTED SURFACES TO THE NEXT LOGICAL JOINT OR INTERIOR CORNER.
9. DIMENSIONS ON PLANS ARE AS FOLLOWS (SEE WALL TYPES FOR ADDITIONAL INFORMATION):
   - 9.1. MASONRY CONSTRUCTION - FACE OF MASONRY WALL TO FACE OF MASONRY WALL.
   - 9.2. STEEL OR WOOD STUD FRAMING - CENTERLINE OF STUD TO CENTERLINE OF STUD.
   - 9.3. EXISTING WALLS - FACE OF EXISTING WALL SHEATHING.
10. WHERE A DETAIL IS TAKEN IN SECTION, THE MATERIAL SHOWN SHALL BE CONSIDERED TO BE CONTINUOUS, UNLESS NOTED OTHERWISE.
11. FINISHES, TRIM, ETC. SHALL BE SCRIBED AS REQUIRED TO CONFORM TO ADJACENT CONSTRUCTION.
12. WOOD FRAMING AND BLOCKING CONCEALED IN CEILINGS AND PARTITIONS SHALL BE FIRE RETARDANT TREATED.
13. CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING BRACING AND BLOCKING OF ALL PARTITIONS RECEIVING: MILLWORK, WALL MOUNTED CABINETS, WALL MOUNTED SHELVING, PLASMA SCREEN TELEVISIONS, COUNTER SUPPORT BRACKETS AND OTHER MISCELLANEOUS WALL MOUNTED ACCESSORIES, TYPICAL.
14. WHERE GYPSUM BOARD WALLS AND/OR CEILINGS ABUT DISSIMILAR SURFACES, THE EDGES SHALL RECEIVE METAL J-TRIM AND BE HELD BACK 1/4" FROM DISSIMILAR SURFACE. FINISH WITH JOINT COMPOUND AND PROVIDE CONTINUOUS SEALANT AT 1/4" SPACE, TYPICAL.
15. MECHANICAL AND ELECTRICAL CUTOUTS IN COUNTERTOPS AND BACKSPLASHES, WHETHER SHOWN OR NOT, ARE THE RESPONSIBILITY OF THE COUNTERTOP INSTALLER. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
16. CABINET FACES EXPOSED TO VIEW ARE TO HAVE FINISHED END PANELS TO MATCH THE CABINET FINISH.
17. EDGES ALONG ENTIRE PERIMETER OF COUNTERTOPS ARE TO BE CAULKED BY COUNTERTOP INSTALLER.
18. PROVIDE, FURNISH AND INSTALL FILLER STRIP AT BASE AND WALL CABINETS AT WALL. SCRIBE FILLER STRIP TO WALL, WHERE FILLER PANEL IS SCHEDULED, PROVIDE AT FRONT, TOP AND BOTTOM TO ENCLOSE SPACE. PANELS TO MATCH ADJACENT CABINET MATERIAL. FIELD VERIFY FILLER PANEL DIMENSIONS.
19. PROTECT EXISTING PARTITIONS, DOORS, CEILINGS, LIGHT FIXTURES AND OUTLETS AT CONSTRUCTION WORK. PROTECT EXISTING CEILING TO REMAIN FROM DAMAGE DURING DEMOLITION CONSTRUCTION. CEILING AREAS TO REMAIN ARE TO BE REPAIRED WHERE DISTURBED DURING
20. DURING CONSTRUCTION THE AREA OF WORK WILL BE UNOCCUPIED.
21. ALL ALIGNMENT INDICATIONS ARE FROM FINISHED SURFACES, UNLESS OTHERWISE NOTED.
22. ALL VERTICAL DIMENSIONS ARE NOTED FROM TOP OF FINISHED FLOOR (A.F.F.)
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DIMENSIONS AS INDICATED ON THE DRAWINGS. ALL DIMENSIONS AS INDICATED AS HOLD DIMENSIONS SHALL NOT VARY MORE THAN 1/16, WHERE THIS TOLERANCE IS NOT OBTAINABLE THE ARCHITECT SHALL BE NOTIFIED PRIOR TO COMMENCEMENT OF THE WORK.
24. ALL MATERIALS SHALL BE NEW, UNUSED, AND OF THE HIGHEST QUALITY IN EVERY RESPECT UNLESS OTHERWISE NOTED. MANUFACTURED MATERIALS AND EQUIPMENT SHALL BE INSTALLED AS PER THE MANUFACTURE'S RECOMMENDATIONS AND INSTRUCTIONS UNLESS OTHERWISE NOTED.
25. ALL FLOOR SHALL BE LEVEL AND FREE OF IRREGULARITIES TO ASSURE ONE CONSTANT HEIGHT SO THAT DOOR FRAMES WHEN SET - ALL HAVE A CONSISTENT DIM
26. THE CONTRACTOR IS RESPONSIBLE FOR BRACING OF PARTITIONS AT DOORS AND OPENINGS.
27. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING BRACING AND BLOCKING OF ALL PARTITIONS RECEIVING MILLWORK, SHELVING, PLUMBING FIXTURES, WALL MOUNTED FURNITURE, ETC.
28. THE CONTRACTOR TO VERIFY ALL DOOR HEIGHTS AND WIDTHS IN FIELD WITH FINISHED PARTITIONS DIMENSIONS, ALL DIMENSIONS INDICATED ON DOOR SCHEDULE ARE SHOWN FOR GENERAL REFERENCE ONLY.
29. REFER TO REFLECTED CEILING DRAWINGS FOR CEILING FINISHES AND LOCATIONS, HEIGHTS, ETC.
30. PAINT EXPOSED DUCTWORK, CONDUIT, PIPES, AND MECHANICAL ELECTRICAL EQUIPMENT, COLOR TO MATCH ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
31. WALLS AND COLUMN ENCLOSURES TO BE PAINTED (PT-1) SATIN FINISH, UNLESS NOTED OTHERWISE.
32. WALLS TO RECEIVE RESILIENT BASE, UNLESS NOTED OTHERWISE .
33. STEEL DOORS AND FRAMES TO BE PAINTED WITH A SEMI-GLOSS FINISH. PAINTED DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL SURFACES, UNLESS NOTED OTHERWISE.
34. 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.
35. GYPSUM BOARD PARTITIONS CONCEALED WITH MILLWORK CABINETRY TO BE TAPED, DRYWALL COMPOUND APPLIED, SANDED, SMOOTHED, AND PRIMED.
36. PROVIDE FINISH COAT OF PAINT AT ALL EXPOSED WALL SURFACE AREAS BEHIND MOVEABLE MILLWORK, FURNITURE, PANELS, ETC. DUE TO REVEALS, JOINTS, OPENINGS, END CONDITIONS, ETC. - REVEAL COLOR TO BE FLAT BLACK- UNLESS NOTED OTHERWISE.
37. PAINT MISCELLANEOUS MECHANICAL AND ELECTRICAL ITEMS ON WALLS, THIS INCLUDES BUT IS NOT LIMITED TO; ACCESS DOORS, ELECTRICAL PANEL BOARD, LOUVERS, CABINET UNIT HEATERS, BASEBOARD COVERS AND RELATED BASEBOARD ACCESSORIES. THESE ITEMS ARE TO BE FACTORY PRIMED AND FIELD PAINTED TO MATCH ADJACENT SURFACE COLOR.
38. FINISH FLOOR MATERIAL TO BE INSTALLED UNDER MOVEABLE MILLWORK. FLOOR FINISH TO RUN UP TO BASE CABINETS AND INTO OPEN SPACES BELOW COUNTERS, TYPICAL.
39. TRANSITION TRIM IS TO BE PROVIDED BETWEEN DISSIMILAR FLOOR FINISHES SO THAT FINISHED SURFACES ALIGN, UNLESS NOTED OTHERWISE, CONTRACTOR IS RESPONSIBLE FOR ANY FLOOR LEVELING REQUIRED TO COMPLETE A QUALITY INSTALLATION.
40. FLOOR FINISH 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.
41. REFER TO THE PROJECT MANUAL SECTION 12502 FOR CONCESSIONS FURNITURE SPECIFICATIONS, USE QUANTITY AS SHOWN ON PLAN.

INTERIOR MATERIAL SCHEDULE

CODE	MATERIAL	MANUFACTURER	SERIES	COLOR	DIMENSIONS
FLOOR					
QT-1	QUARRY TILE	DAL TILE	QUARRY TEXTURES	ADOBE BROWN 0T05	8" x 8" FIELD TILE
RF-1	PLANK FLOORING	AMTICO	AMTICO COMMERCIAL	VINTAGE TEAK W760	3" X 36" PLANK
BASE					
VB-1	RUBBER BASE	JOHNSONITE	TIGHTLOCK SERIES	TBD	4" HIGH
VB-2	RUBBER BASE	JOHNSONITE	TIGHTLOCK SERIES	BLACK	4" HIGH
SST	STAINLESS STEEL		STAINLESS STEEL	#710 BRUSHED	9" HIGH / BAR TOEKICK
WALLS					
FRP-1	FIBERGLAS REINFORCED PANELS			BLACK	
FRP-2	FIBERGLAS REINFORCED PANELS			LIGHT GREY	
PT-1	PAINT	BENJAMIN MOORE	AFFINITY COLLECTION	PAPER MACHE AF-25	
PT-2	PAINT	BENJAMIN MOORE	COLOR PREVIEW	HC-93 CARRINGTON BEIGE	
PT-3	PAINT	BENJAMIN MOORE	COLOR PREVIEW	AF-375 RATTAN	
PT-4	PAINT	BENJAMIN MOORE	COLOR PREVIEW	TBD	
PT-5	PAINT	BENJAMIN MOORE	COLOR PREVIEW	TBD	
WC-1	WALL COVERING	NATIONAL WALLCOVERING	WC-AGATE-01	ICE	
WC-2	WALL COVERING	MDC WALLCOVERING	DIGITAL WALLCOVERING W/. CUSTOM GRAPHIC	TO MATCH ARCHITECTS GRAPHIC SAMPLE	REFER TO SHEET AA903 FOR SIZE & GRAPHIC
WD-1	WOOD WALL PANELING		WHITE MAPLE - STRAIGHT GRAIN	TO MATCH ARCHITECTS SAMPLE	
CEILINGS					
CL-1	WOOD PLANK CEILING	USG CEILINGS	TRUE WOOD LINEAR PANELS	MAPLE	6" MODULE
CL-2	MINERAL FIBER CEILING TILE	USG CEILINGS	RADAR	FIELD PAINTED PT-5	2' x 2' TEGULAR
CL-3	ACRYLIC FINISH CEILING TILE	USG,/ SHEETROCK BRAND	GYPSUM CLIMAPLUS	WHITE	2' x 2' SQUARE LAY IN
MTL-1	STAINLESS STEEL		STAINLESS STEEL	#710 BRUSHED	
MILLWORK					
GT-1	GLASS MOSAIC TILE	RBC/ BACK BAY	BRITTO GLASS / CHIGLABR102	BIANCO	1 X 1 MESH MOUNT
PL-1	PLASTIC LAMINATE	FORMICA	MDF SOLIDZ 7812-58	MATTE FINISH	
PL-2	WOOD VENEER LAMINATE	TREE FROG VENEER BY CHEMETAL	PRE-FINISHED HPL BACKED	CHESTNUT WOODLINE 5884-58	MATTE FINISH
PL-3	PLASTIC LAMINATE	FORMICA	CHESTNUT WOODLINE 5884-58	MATTE FINISH	
QS-1	QUARTZ SURFACING	CAMBRIA	JEWEL COLLECTION	WHITNEY	2 CM THICK / 3CM THICK
SSM-1	SOLID SURFACE	CORIAN	LINEN		¾" THICK
SSM-2	SOLID SURFACE	CORIAN	MEDEA		¾" THICK



1 CONCESSIONS FLOOR PLAN
1/4" = 1'-0"

0 2' 4' 8'

N

FLOOR MATERIAL LEGEND

- PLANK FLOORING (RF-1)
- QUARRY TILE (QT-1)

PARTITION TYPE LEGEND

1. BAR DIE WALL
   SEE DETAIL A3/A903 FOR DETAILS AND NOTES
2. 3-5/8" STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. SEE KEYED NOTE 5 FOR ADDITIONAL NOTES REGARDING WALL HEIGHT.
3. 3-5/8" STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE, SEE KEYED NOTE 4 FOR ADDITIONAL NOTES REGARDING WALL HEIGHT.
4. 3-5/8" STEEL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE. WALLS ARE TO EXTEND TO THE STRUCTURE ABOVE. SEE KEYED NOTE 6 FOR ADDITIONAL INFO.

KEYED NOTES

1. 3-5/8" STEEL STUD FRAMING AT END WALL OF DIE BAR. VERIFY OVERALL WALL DEPTH WITH FINISHED COUNTER DEPTH, WALL TO BE 2" SHORT OF FINISHED EDGE OF BAR TOP, TYPICAL.
2. BOX UP TWO 6" STUDS AT THREE POINTS ON LONG WALL OF DIE BAR. SCREW OR TACK WELD FLANGES OF BOX STUDS TOGETHER.
3. FLOORING FINISHES ARE TO EXTEND UP TO FOOD SERVICE BASE EQUIPMENT ON ALL SIDES, DIMENSIONS SHOWN AT THIS AREA ARE FOR APPROXIMATE FLOORING EXTENTS, COORDINATE FLOORING FINISHES WITH FOOD SERVICE EQUIPMENT.
4. HATCH INDICATES 4'-6" HIGH WALL WITH 2" THICK WOOD WALL CAP, FINISHED HEIGHT 4'-8".
5. HATCH INDICATES 5'-0" HIGH WALL WITH 2" THICK WOOD WALL CAP, FINISHED HEIGHT 5'-2".
6. ALL WALL IN PREP 218 TO RECEIVE FRP PANELS (FRP-2), FULL HEIGHT, TYPICAL.
7. THE INTERIOR OF CLOSET 220 IS TO BE PAINTED PT-3. CONCRETE FLOOR IS TO BE SEALED, NOTE, WALLS HAVE ALREADY BEEN CONSTRUCTED, ADD DOOR 220A.
8. TERRAZZO FLOORING IN FOOD ORDER AREA IN NOT PART OF THIS WORK SCOPE. THIS INFO IS GIVEN FOR CONTRACTOR TO PROVIDE PROPER FLOOR TRANSITION AT DOOR 218B.
9. PLASMA SCREENS SHOWN ARE FOR REFERENCE ONLY, PLASMA SCREENS TO BE PROVIDED BY OWNER.
10. OVERHEAD SECURITY DOOR NOT INCLUDED IN SCOPE OF WORK.

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DULUTH AIRPORT AUTHORITY

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DULUTH, MN

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Print Name: Ronald E. Stanius, AIA

Signature: RONALD E. STANIUS

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED: 2-10-12
REVIEWED BY: GC
DRAWN BY: GC/ EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
CONCESSIONS PLAN

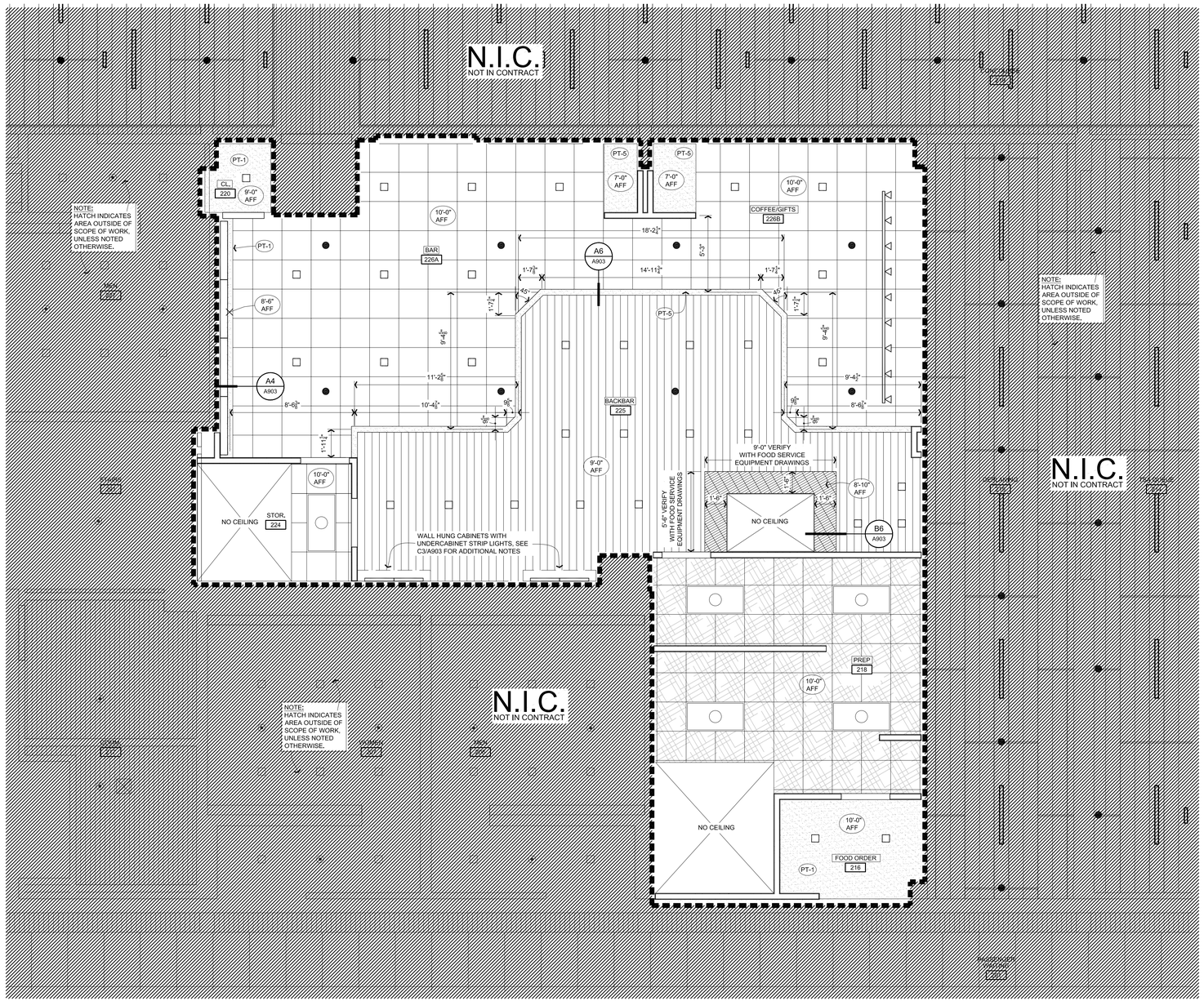
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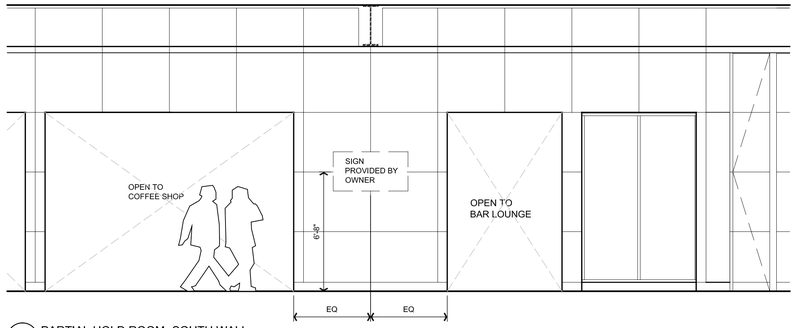
BID PACKAGE 2C

Drawing: F:\110014.00 Duluth Airport – Concessions\DRAW\00CRNT\ARCH\Duluth Airport – Concessions\Sheets\A102 Second Level Floor Plan.dwg Plotted on: 2/9/2012 10:45 PM Plotted by: Greg Cooper

REFLECTED CEILING PLAN NOTES

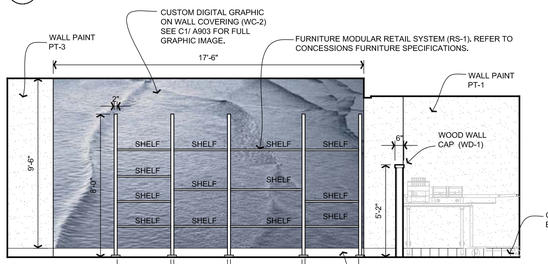
1. CEILING FINISH IS TO BE SUSPENDED ACOUSTICAL PANEL CEILING SYSTEM, UNLESS OTHERWISE NOTED.
2. SUSPENDED ACOUSTICAL CEILING SYSTEMS AND SUSPENDED GYPSUM BOARD SYSTEMS ARE AT 10'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
3. SUSPENDED CEILING HANGER WIRES, INCLUDING THOSE FOR LIGHT FIXTURE AND DIFFUSER SUPPORT, BY CEILING SYSTEM INSTALLER.
4. MECHANICAL DIFFUSERS, GRILLES, REGISTERS, SPRINKLERS, ELECTRICAL FIXTURES, ETC., TO BE CENTERED IN CEILING TILE TYPICAL.
5. RECEPTACLE PLATES AND SWITCH PLATES TO BE BRUSHED STAINLESS STEEL. AT WALL COVERING COVERING AND FABRIC PANELS PLATES TO BE PAINTED TO MATCH SURFACE, COLOR SELECTED BY ARCHITECT.
6. COORDINATE ALL LOW VOLTAGE TRANSFORMER LOCATIONS WITH THE OWNER OR ARCHITECT BEFORE PROCEEDING WITH INSTALLATION.
7. MULTIPLE SWITCHES SHALL BE GANGED UNDER ONE FACE PLATE
8. ALL CEILINGS TO BE PAINTED (PT-1) FLAT FINISH UNLESS OTHERWISE NOTED. REFER TO FINISH SCHEDULE FOR FINISH COLOR.
9. REFER TO FINISH PLAN ON SHEET A102 FOR ADDITIONAL NOTES.
10. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR DIFFUSER LOCATIONS, SPRINKLER HEADS, ETC. CONTACT ARCHITECT IF CONFLICT OCCURS.


N.I.C.
NOT IN CONTRACT
NOTE: HATCH INDICATES AREA OUTSIDE OF SCOPE OF WORK, UNLESS NOTED OTHERWISE.
PT-1
PT-5
CL. 220
9'-0" AFF
7'-0" AFF
10'-0" AFF
8'-6" AFF
8'-10" AFF
BAR 226A
COFFEE/GIFTS 226B
BACKBAR 225
STOR. 224
NO CEILING
PREP 218
FOOD ORDER 216
A4 A903
A6 A903
B6 A903
18'-2½"
14'-11½"
11'-2½"
10'-4"
8'-6⅛"
9'-4⅝"
9'-4"
9'-0" VERIFY WITH FOOD SERVICE EQUIPMENT DRAWINGS
5'-6" VERIFY WITH FOOD SERVICE EQUIPMENT DRAWINGS
WALL HUNG CABINETS WITH UNDERCABINET STRIP LIGHTS, SEE C3/A903 FOR ADDITIONAL NOTES
MEN 227
WOMEN 227
RESTROOMS 227
RESTROOMS 227
RESTROOMS

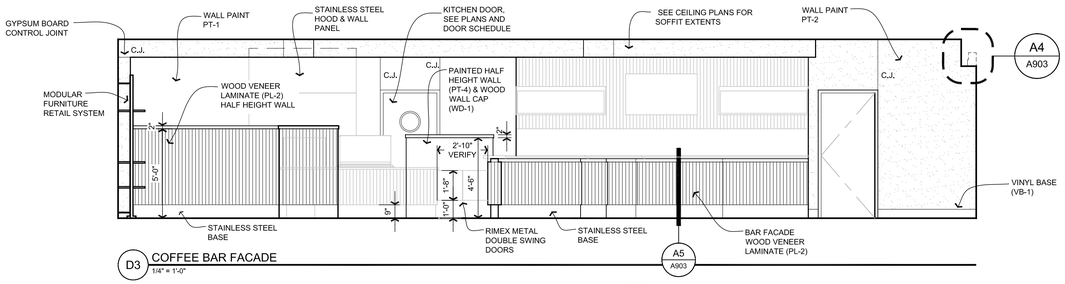


GENERAL NOTE: INTERIOR ELEVATION PROVIDED FOR SIGN LOCATION INFORMATION ONLY.

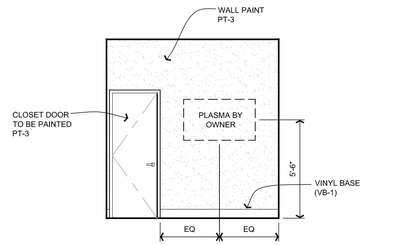
E1 PARTIAL HOLD ROOM- SOUTH WALL
1/4" = 1'-0"



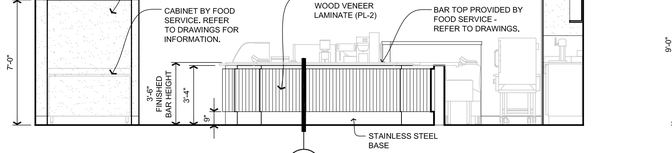
D1 COFFEE GIFTS- EAST DISPLAY
1/4" = 1'-0"



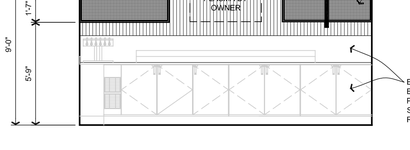
D3 COFFEE BAR FACADE
1/4" = 1'-0"



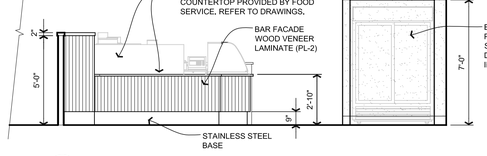
D6 BAR SIDE- NORTH WALL
1/4" = 1'-0"



C1 BAR SIDE- EAST VIEW
1/4" = 1'-0"
A3 / A903



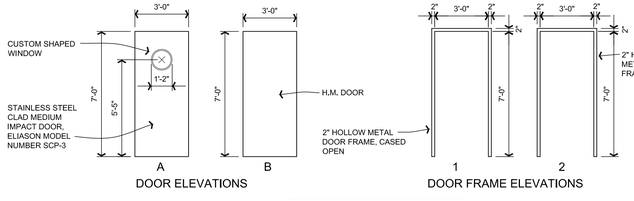
C3 BAR BACK- SOUTH VIEW
1/4" = 1'-0"



C4 COFFEE/ GIFT SIDE - WEST VIEW
1/4" = 1'-0"



C1 GRAPHIC WALL COVERING IMAGE
1/4" = 1'-0"



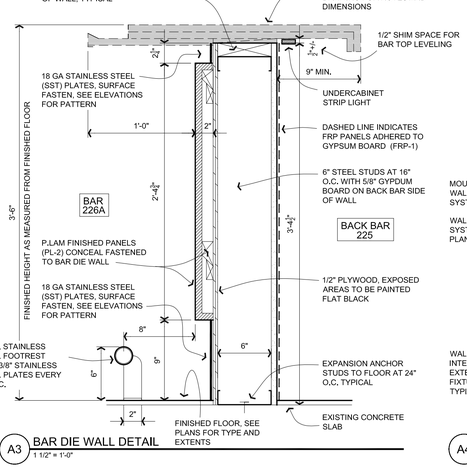
DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE	DOOR TYPE	FRAME TYPE	HARDWARE GROUP	NOTES
218A	3-0 x 7-0	A	1	61	1, 2
218B	3-0 x 7-0	B	2	07	1
220A	3-0 x 7-0	B	2	63	1, 2
224A	3-0 x 7-0	B	2	63	1, 2
224B	3-0 x 7-0	A	1	62	1, 2

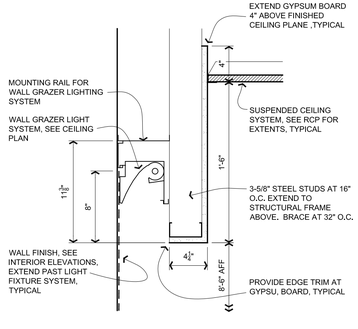
NOTES

1. ALL HOLLOW METAL FRAMES TO BE 16 GA, 2" X 5-7/8" X SIZE SHOWN ON DOOR FRAME ELEVATIONS
2. HARDWARE BY DOOR SUPPLIER, SEE PROJECT MANUAL FOR GROUP DESCRIPTIONS.

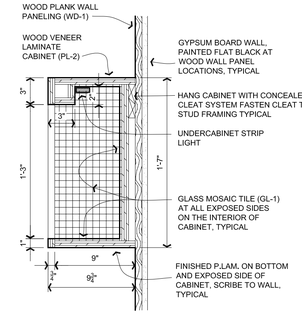
A1 DOOR, DOOR FRAMES AND SCHEDULE
1/4" = 1'-0"



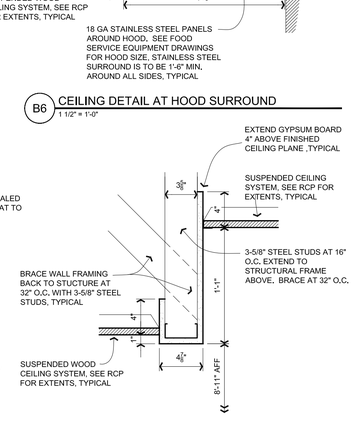
A3 BAR DIE WALL DETAIL
1 1/2" = 1'-0"



A4 CEILING DETAIL
1 1/2" = 1'-0"



A5 WALL CABINET DETAIL
1 1/2" = 1'-0"



B6 CEILING DETAIL AT HOOD SURROUND
1 1/2" = 1'-0"

A6 CEILING DETAIL
1 1/2" = 1'-0"

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DULUTH, MN

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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: Ronald E. Stanius, AIA

Signature: RONALD E. STANIUS

Date: 02-10-12 Reg. No.: 18104

REVISIONS

NO.	DESCRIPTION	DATE

DATE ISSUED: 2-10-12
REVIEWED BY: GC
DRAWN BY: GC/ EB
DESIGNED BY: EB

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

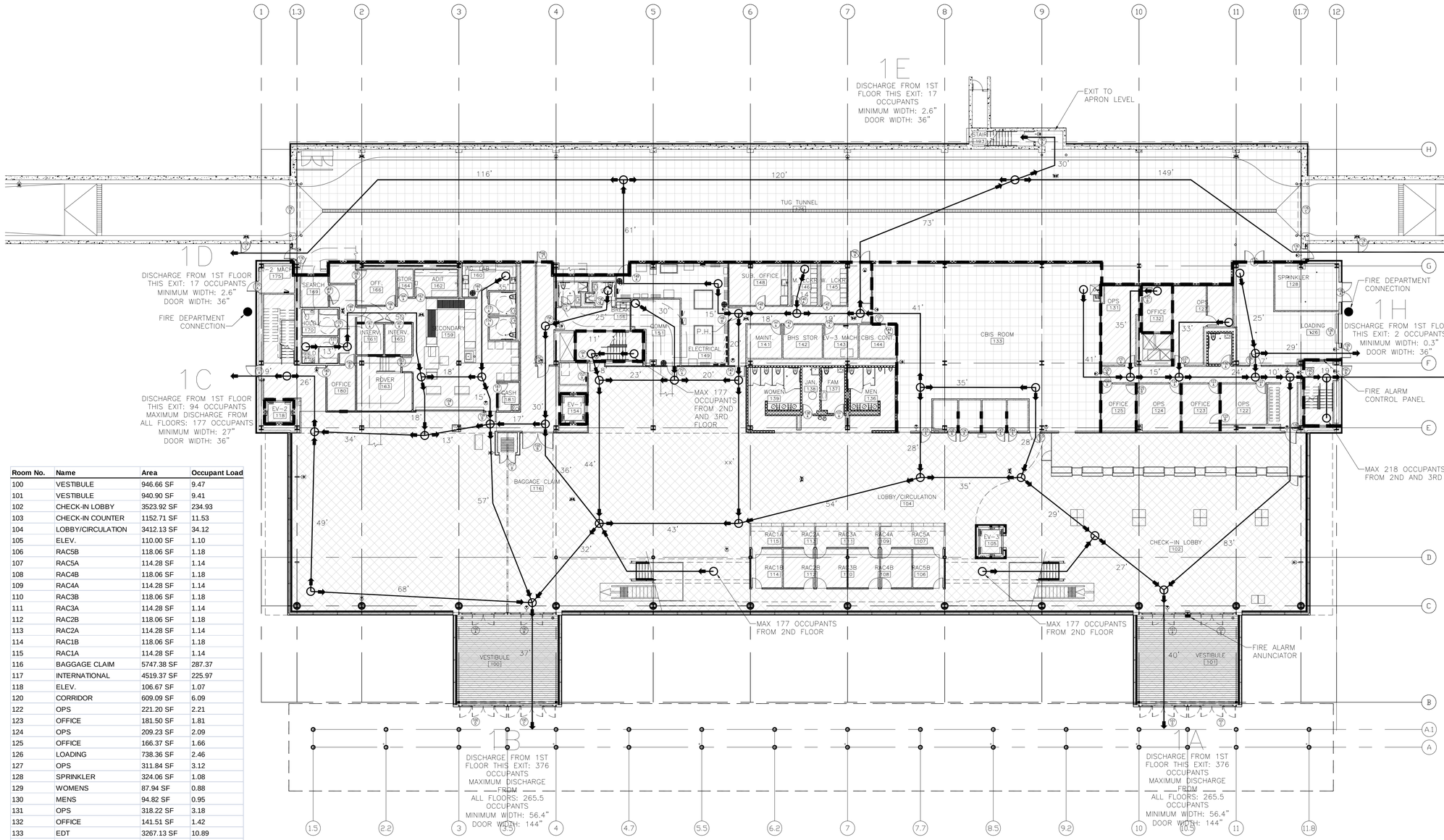
CONCESSIONS ELEVATIONS & DETAILS

SHEET NUMBER

A903

BID PACKAGE 2C

Drawing: F:\110014.00 Duluth Airport – Concessions\DRAW\00CRNT\ARCH\Duluth Airport – Concessions\Sheets\A422 Interior Elevations.dwg Plotted on: 2/9/2012 10:34 PM Plotted by: Greg Cooper



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	
Travel Distance to Exit	XX'
Fire Extinguisher	
Eye Wash Station	
Exit Sign	

OCCUPANCY AREAS LEGEND

S2 Occupancy	
A3 Occupancy	
B Occupancy	

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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
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

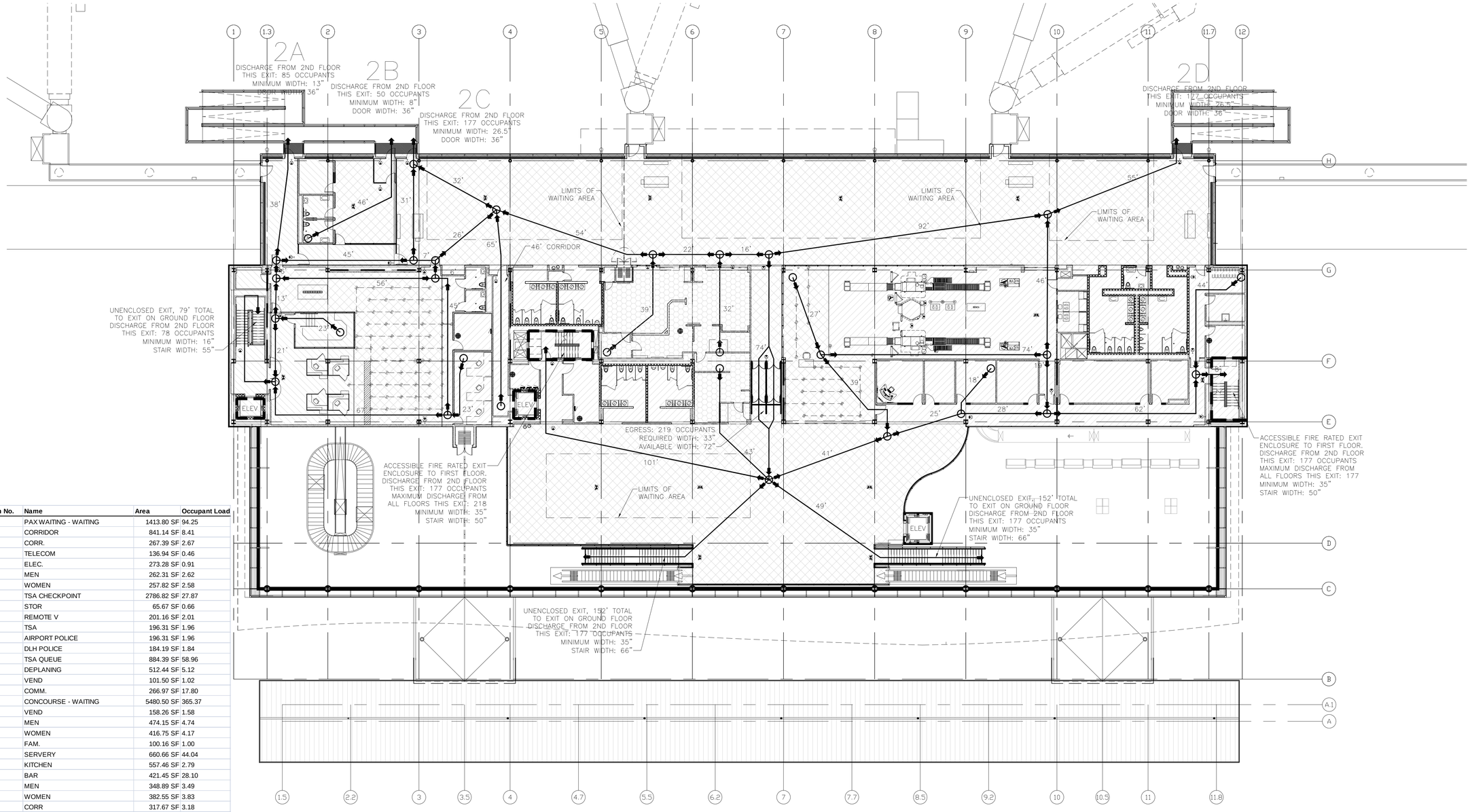
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
FIRST FLOOR LIFE SAFETY PLAN

SHEET NUMBER
LS101

BID PACKAGE 2C



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	

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Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
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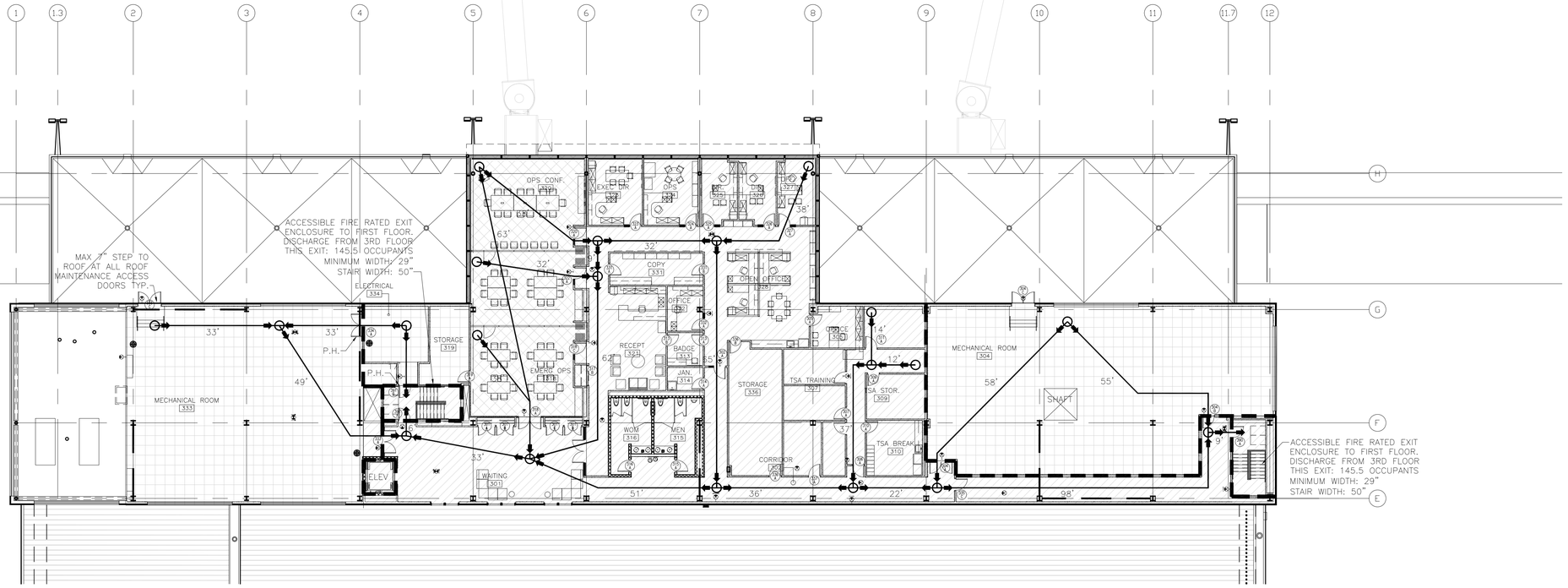
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SHEET TITLE
SECOND FLOOR LIFE SAFETY PLAN

SHEET NUMBER
LS102

BID PACKAGE 2C

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"

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

OCCUPANCY CALCULATION

B OCCUPANCY:	126
A3 OCCUPANCY:	141
S2 OCCUPANCY:	24
TOTAL OCCUPANTS:	291

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**		

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Print Name: Mark Ip

Signature:

Date: 08-16-10 Reg. No.: 46001

REVISIONS

NO.	DESCRIPTION	DATE
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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

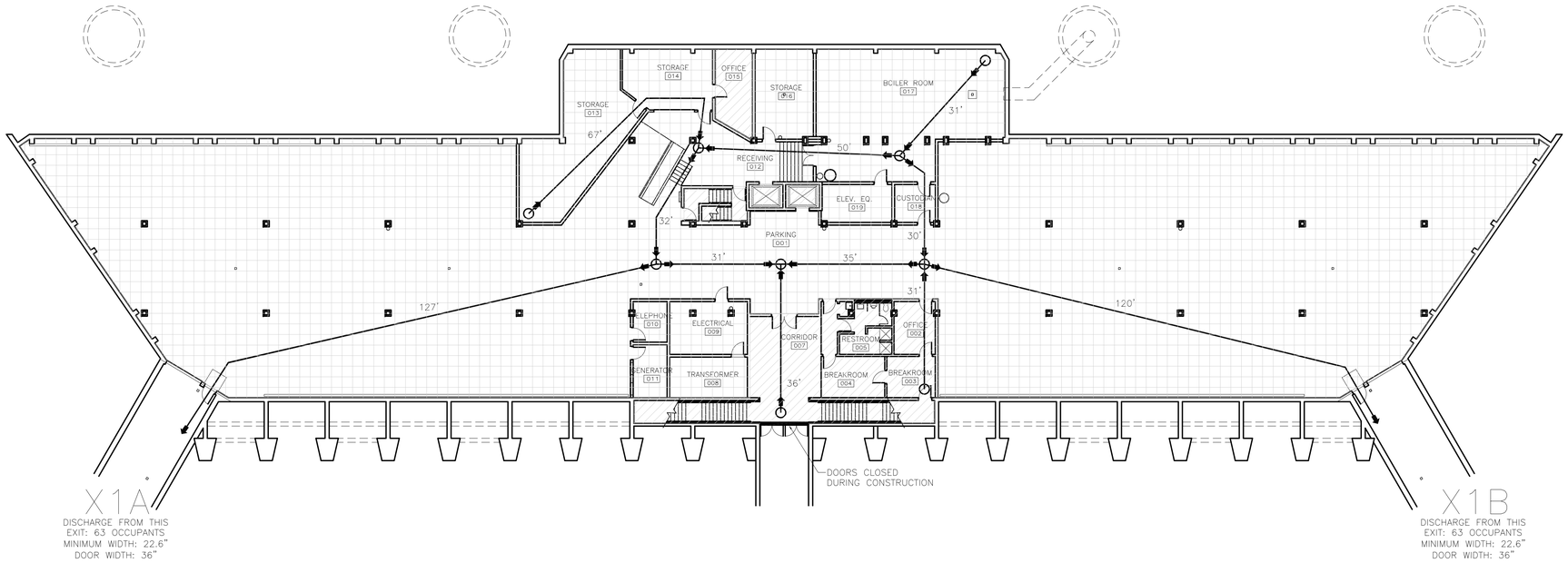
THIRD FLOOR LIFE SAFETY PLAN

SHEET NUMBER

LS103

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\LS103 Third Floor Life Safety.dwg Plotted on: 2/10/2012 10:01 AM Plotted by: lp, Mark



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.

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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
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	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MI
DESIGNED BY: TC

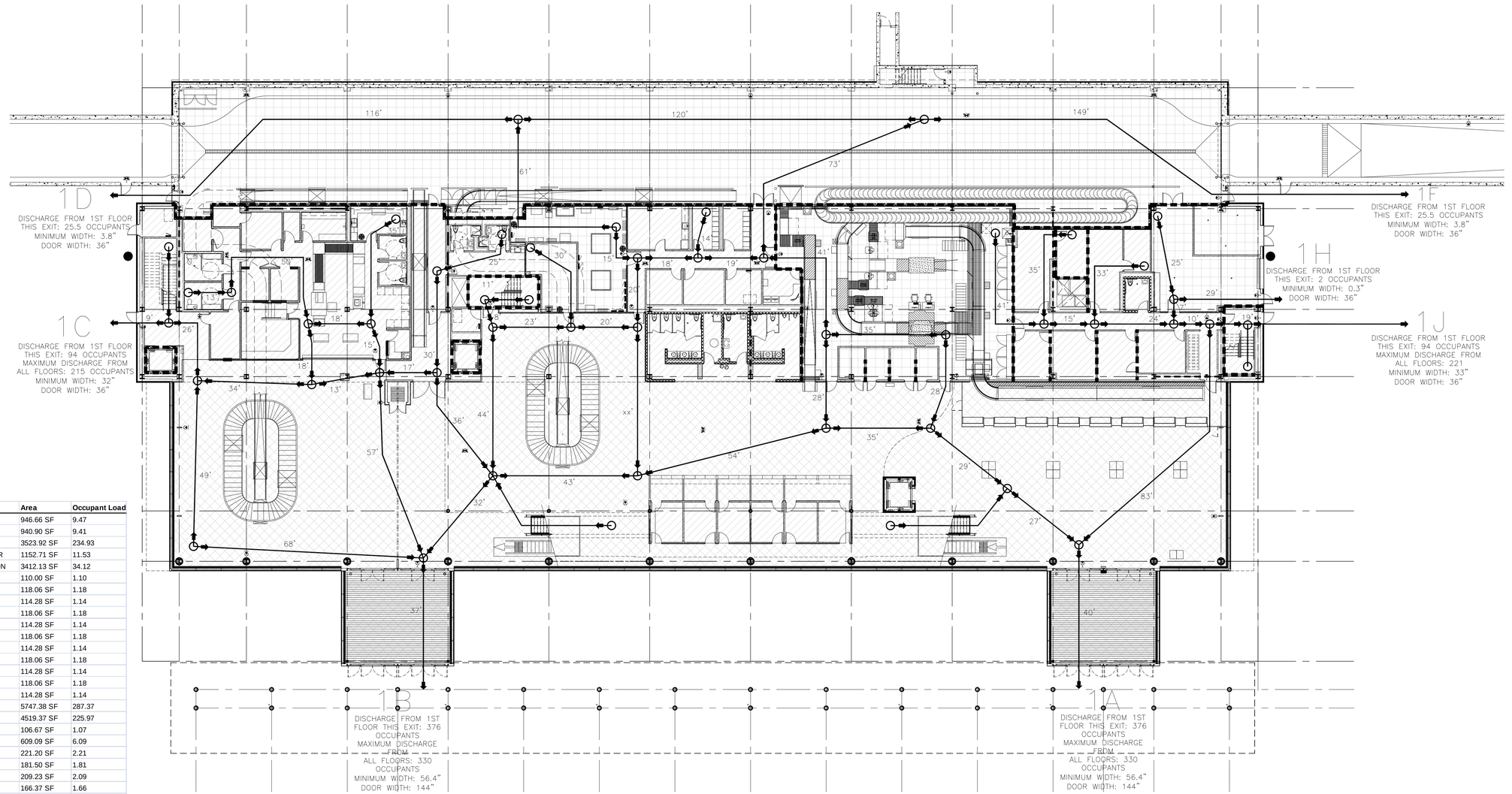
AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
EXISTING BASEMENT LIFE SAFETY PLAN

SHEET NUMBER
LS110

BID PACKAGE 2C



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

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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
	BP2A CONFORMANCE SET	5.2.11
	BID PACKAGE 2B REVIEW	7.6.11
	BID PACKAGE 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKI
DESIGNED BY: MKI

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE

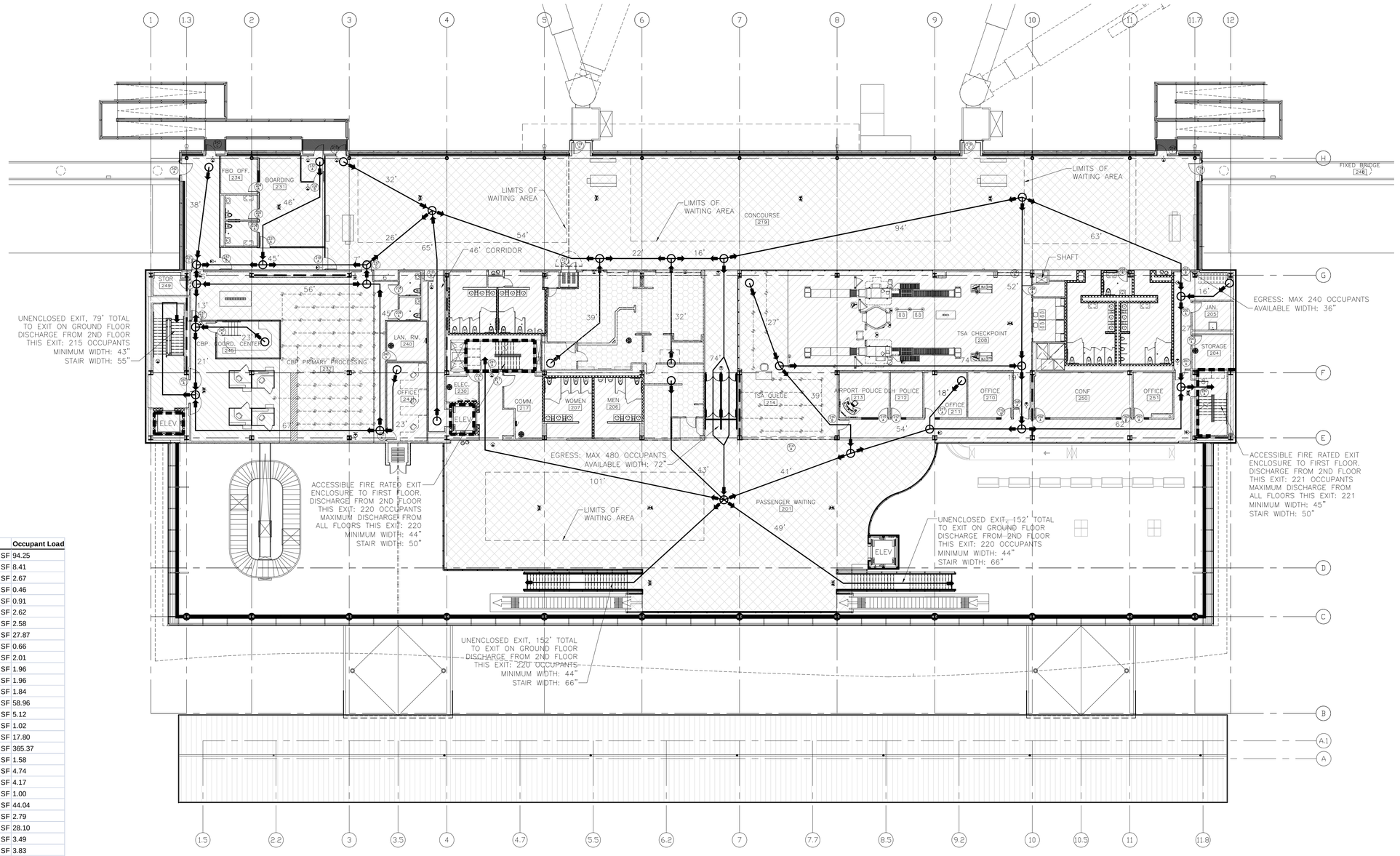
FIRST FLOOR INTERIM LIFE SAFETY PLAN

SHEET NUMBER

LS111

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\LS111 First Floor Interim Life Safety.dwg Plotted on: 2/10/2012 10:02 AM 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

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	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKI
DESIGNED BY: MKI

AEP PROJECT NUMBER
213-1882-091

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SHEET TITLE
SECOND FLOOR INTERIM LIFE SAFETY PLAN

SHEET NUMBER
LS112

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\LS112 Second Floor Interim Life Safety.dwg Plotted on: 2/10/2012 10:02 AM Plotted by: Ip, Mark

SIGNAGE SCHEDULE								
EXTERIOR WAYFINDING								
Sign No.	Sign Type	Face	Arrow	Symbol	Text	Plan Sht. Ref.	Sign Type Ref.	Remarks
E/01	E.1.2	A	-	-	(Welcome to) Duluth International Airport	G100	G200	
E/02	E.4	A left	-	-	LEFT LANE Parking / Taxis / Buses	G100	G201	
"	"	A right	-	-	RIGHT LANE Cell Phone Lot / Terminal / Rental Cars			
E/03	E.5	A	↘	-	Cell Phone Lot	G100	G201	
E/04	E.2L	A	↙		Parking	G100	G201	
E/05	E.1.1	A left	↙		Taxis / Buses	G100	G201	
"	"	A right	↓	-	To Terminal / Rental Car Return			
E/06	E.3	A	→	-	Permit Parking / Cargo / Receiving	G100	G203	Affix R5.1A to back
E/07	E.5	A	↙		Taxis / Buses	G100	G201	
E/08	E.1.1	A left	↙		Long Term Parking $2/Hour $9/Day	G100	G201	Verify current parking rates
"	"	A right	↓		Short Term Parking $1/ 1/2 Hour $15/Day			Verify current parking rates
E/09			-					NOT USED
E/10	E.3	A	→	-	Rental Car Return / Permit Parking	G100	G203	Affix R5.1A to back
E/11			-					NOT USED
E/12			-					NOT USED
E/13	E.2L	A	↙		Long Term Parking $2/Hour $9/Day	G100	G201	
E/14	E.4	A left	↓	-	LEFT LANE Return to Terminal	G100	G201	
"	"	A right	-	-	RIGHT LANE Exit Airport			
E/15	E.5	A	-	-	Return to Terminal	G100	G203	Affix R5.1A to back
E/16	E.3	A	-	-	Thank you for Visiting the Duluth International Airport	G100	G203	Affix R5.1A to back

1 EXTERIOR WAYFINDING SIGNAGE SCHEDULE

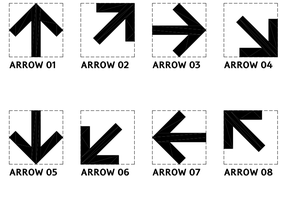
AaBbCcDdEeFfGgHhIiJj
KkLlMmNnOoPpQqRrSs
TtUu VvWw XxYyZz
&1234567890

NOTE: TYPE FACE ON ALL SIGNAGE SHALL BE TIRESIAS SIGNFONT AND BE WHITE UNLESS NOTED OTHERWISE

2 TYPE FACE LEGEND
6" = 1'-0"



3 SYMBOL LEGEND
6" = 1'-0"



NOTE: DASHED BOX SHOWN AROUND ARROW SYMBOLS IS FOR ALIGNMENT PURPOSES ONLY

4 ARROW SYMBOLS
6" = 1'-0"

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DULUTH INTERNATIONAL AIRPORT DULUTH, MN

NEW PASSENGER TERMINAL

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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 2B	8.23.11
	BP2B CONFORMANCE	10.21.11
1	CLARIFICATION 170	11.3.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

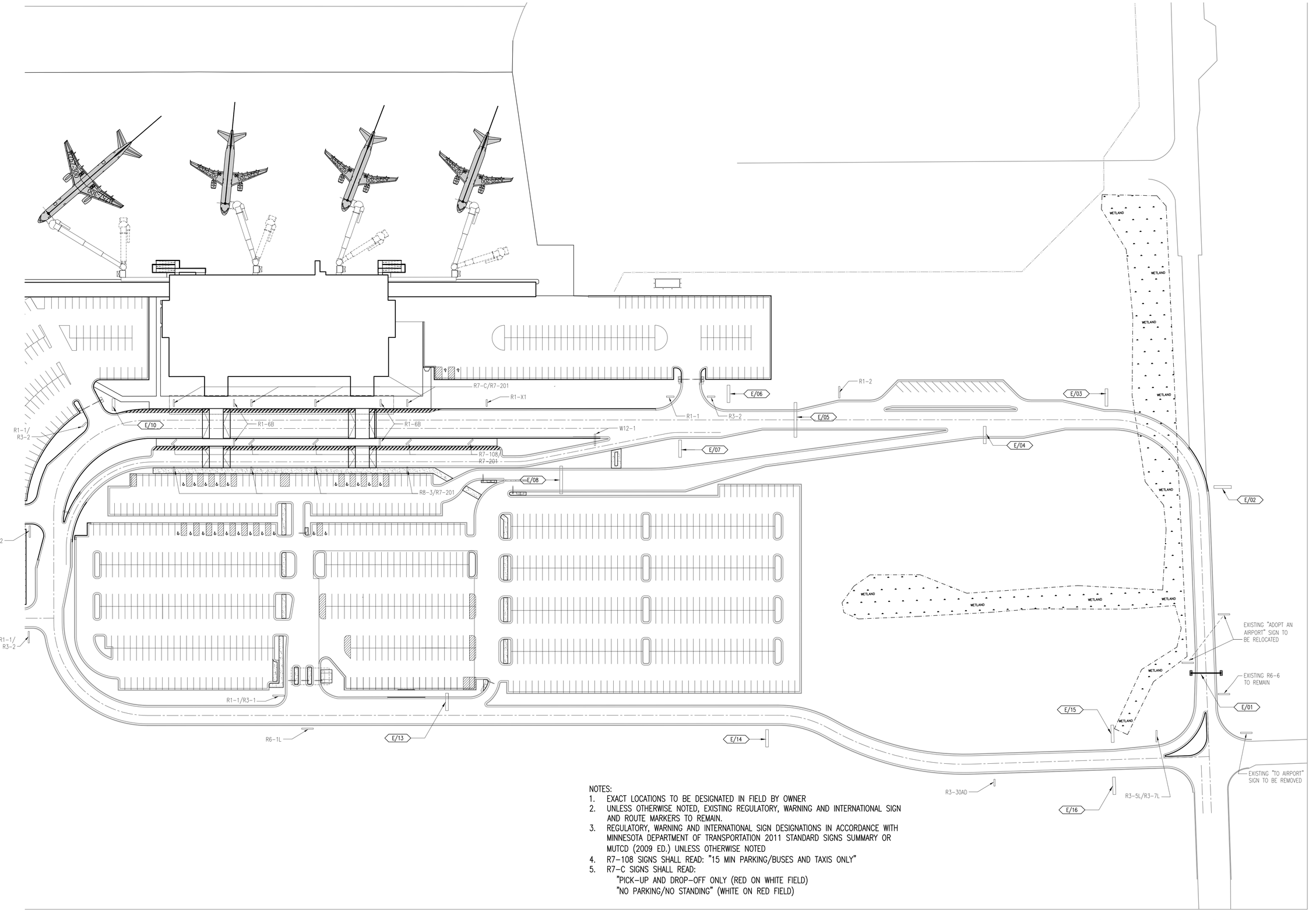
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SHEET TITLE
TYPOGRAPHIC STANDARDS & SYMBOL SCHEDULE

SHEET NUMBER
G001

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\G001 Typographic Standards & Symbol Schedule.dwg Plotted on: 2/10/2012 10:22 AM Plotted by: Godzina, Marc



NOTES:

1. EXACT LOCATIONS TO BE DESIGNATED IN FIELD BY OWNER
2. UNLESS OTHERWISE NOTED, EXISTING REGULATORY, WARNING AND INTERNATIONAL SIGN AND ROUTE MARKERS TO REMAIN.
3. REGULATORY, WARNING AND INTERNATIONAL SIGN DESIGNATIONS IN ACCORDANCE WITH MINNESOTA DEPARTMENT OF TRANSPORTATION 2011 STANDARD SIGNS SUMMARY OR MUTCD (2009 ED.) UNLESS OTHERWISE NOTED
4. R7-108 SIGNS SHALL READ: "15 MIN PARKING/BUSES AND TAXIS ONLY"
5. R7-C SIGNS SHALL READ:
   "PICK-UP AND DROP-OFF ONLY (RED ON WHITE FIELD)
   "NO PARKING/NO STANDING" (WHITE ON RED FIELD)

1 OVERALL SITE SIGNAGE PLAN
1" = 80'-0"

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REVISIONS

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	BID PACKAGE 2B	8.23.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
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DRAWN BY: MKG/MI
DESIGNED BY: TC

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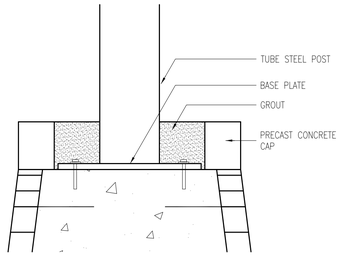
© 2010 REYNOLDS, SMITH AND HILLS INC.

SHEET TITLE
SITE SIGNAGE PLAN

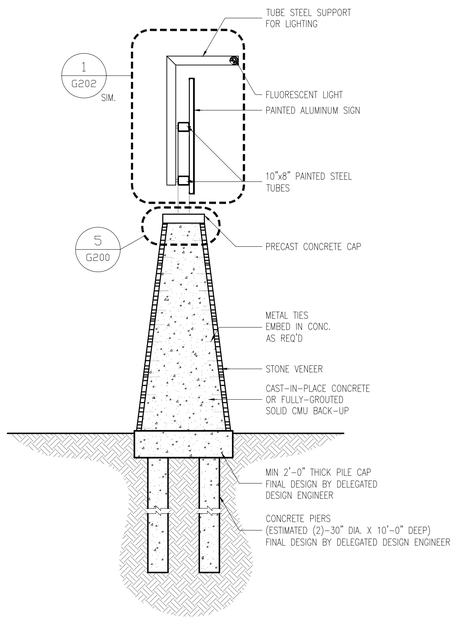
SHEET NUMBER
G100

BID PACKAGE 2C

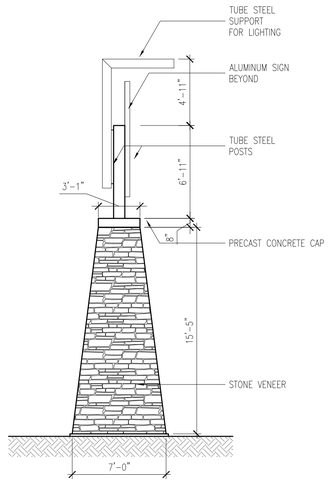
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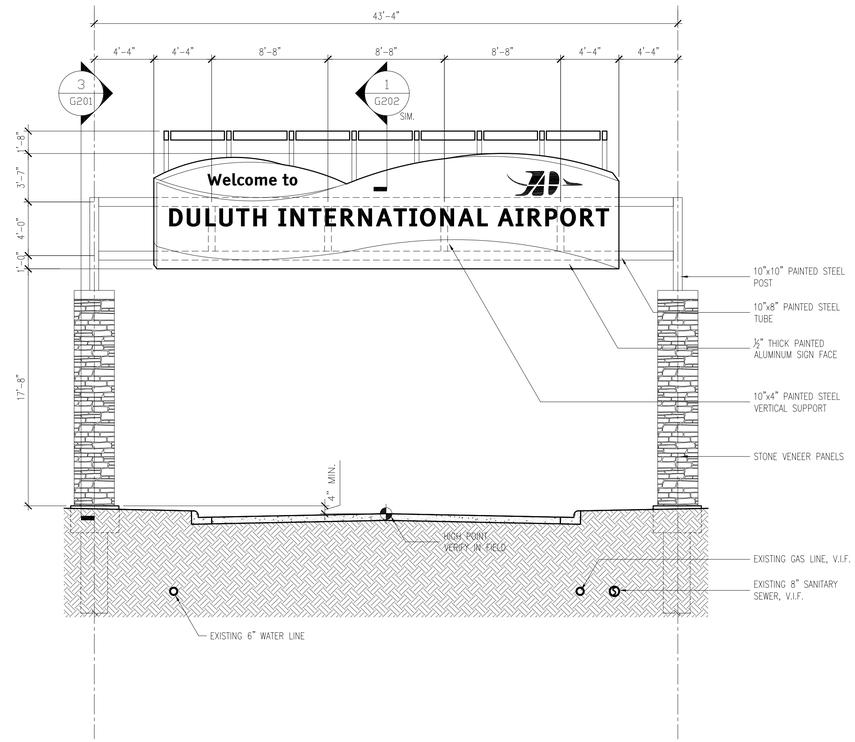
5 SECTION DETAIL AT CAP
1" = 1'-0"



3 SIGN TYPE E.1.2 SECTION
3/16" = 1'-0"



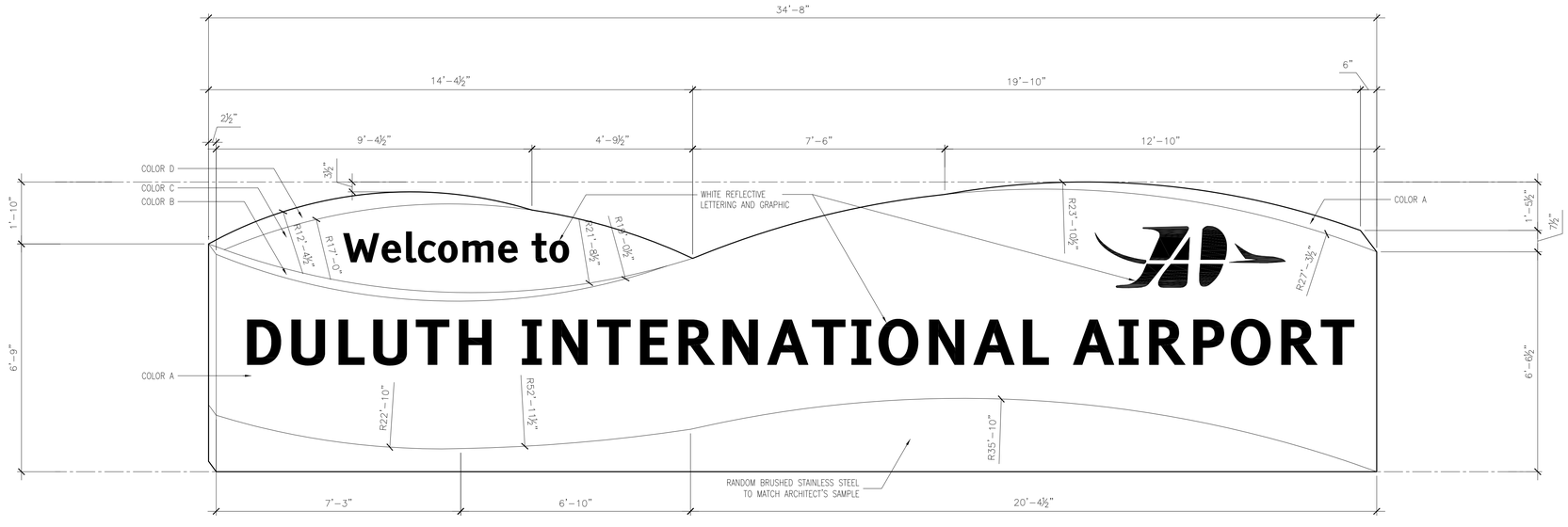
2 SIGN TYPE E.1.2 ELEVATION
3/16" = 1'-0"



1 SIGN TYPE E.1.2 ELEVATION
3/16" = 1'-0"

NOTES:
1. MINIMUM 1/4" WALL THICKNESS ON ALL HSS MEMBERS.
2. DESIGN OF ALL HSS CONNECTIONS BY DELEGATED DESIGN ENGINEER.
3. DESIGN OF CONNECTION BETWEEN ALUMINUM SIGN TO STEEL HSS(DISSIMILAR METALS) BY DELEGATED DESIGN ENGINEER.

COLOR SCHEDULE:
COLOR NO. 1 – PANTONE 7462C
COLOR NO. 2 – PANTONE 7468C
COLOR NO. 3 – PANTONE 5493C
COLOR NO. 4 – PANTONE 551C



4 SIGN TYPE E.1.2 FACE
1/2" = 1'-0"

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NO.	DESCRIPTION	DATE
	BID PACKAGE 2B	8.23.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
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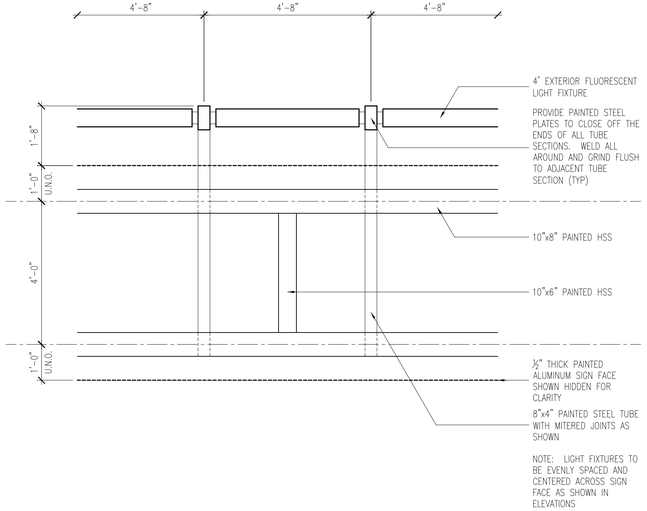
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SHEET TITLE
SIGNAGE TYPES & DETAILS

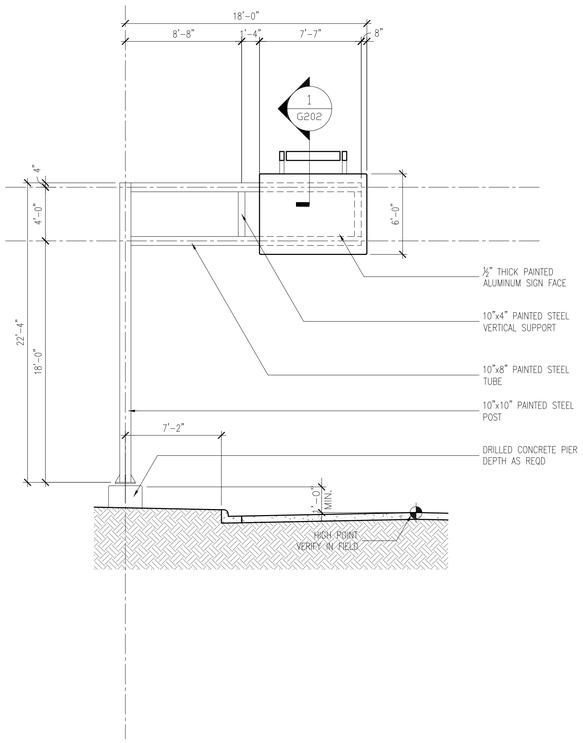
SHEET NUMBER
G200

BID PACKAGE 2C

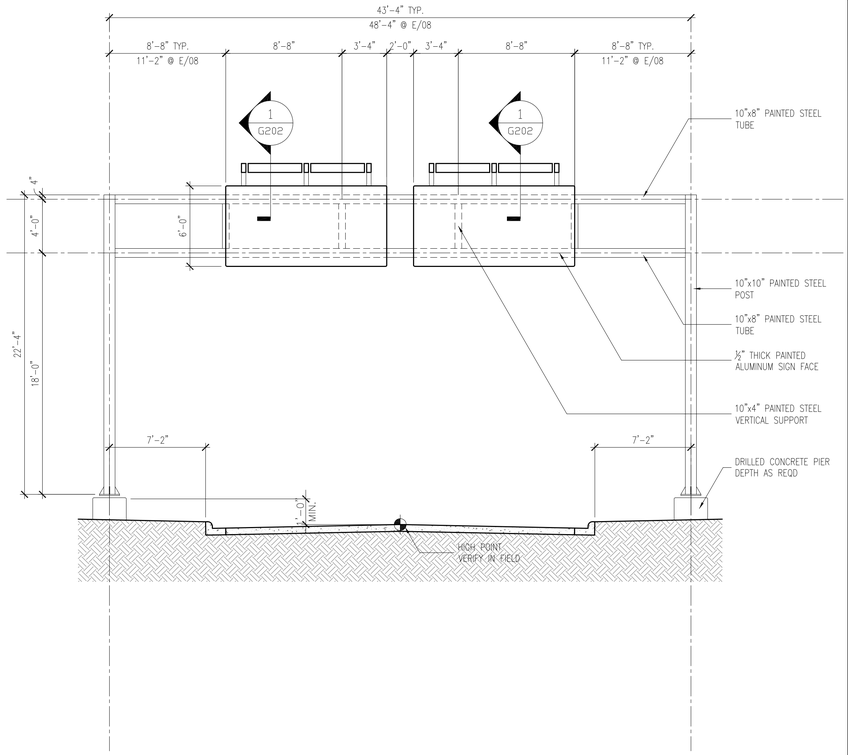
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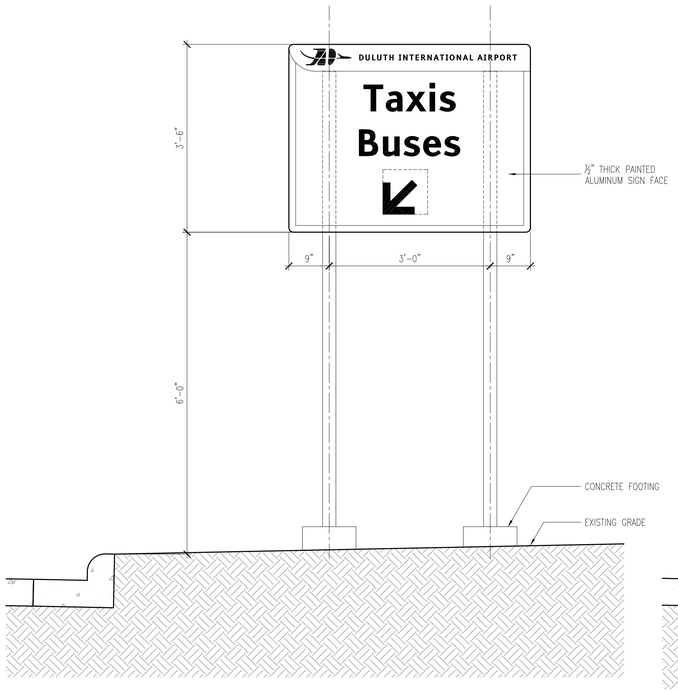
5 ROADWAY SIGN LIGHT FIXTURE DETAIL
1/2" = 1'-0"



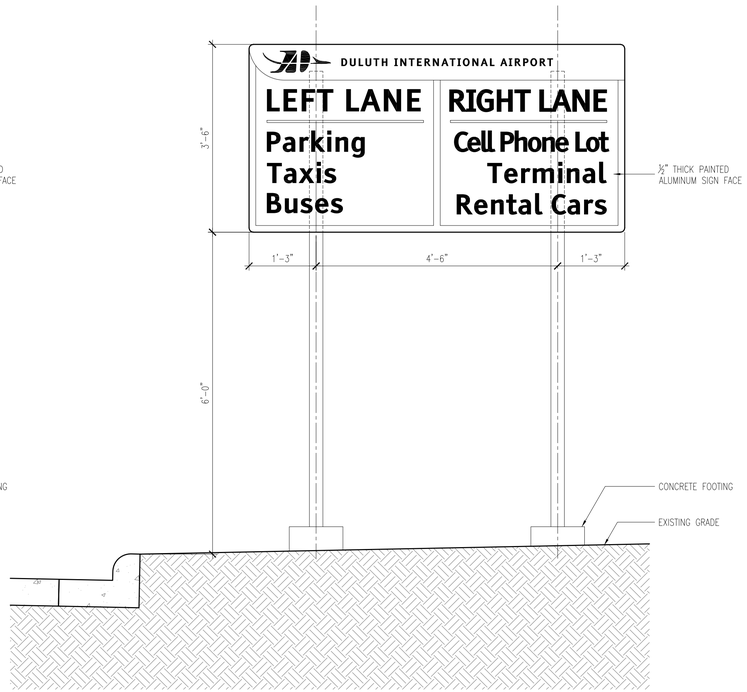
3 SIGN TYPE E.2(L) ELEVATION
3/16" = 1'-0"
E.2(R) SIM. O.H.



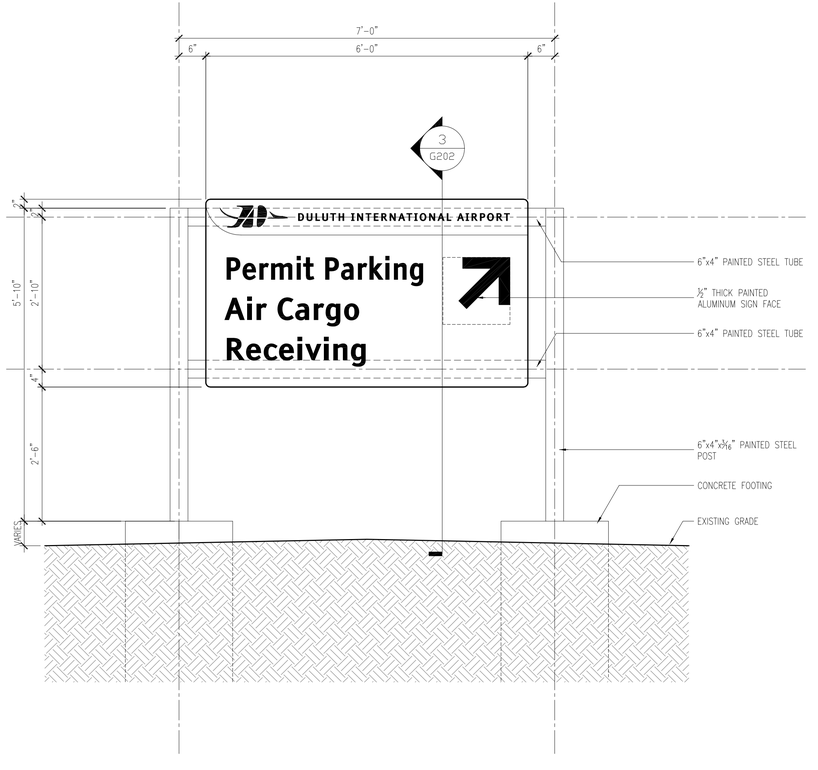
1 SIGN TYPE E.1.1 ELEVATION
3/16" = 1'-0"



6 SIGN TYPE E.5 ELEVATION
3/4" = 1'-0"



4 SIGN TYPE E.4 ELEVATION
3/4" = 1'-0"



2 SIGN TYPE E.3 ELEVATION
3/4" = 1'-0"

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REVISIONS

NO.	DESCRIPTION	DATE
	BID PACKAGE 2B	8.23.11
	BID PACKAGE 2C	2.10.12

DATE ISSUED: 02-10-12
REVIEWED BY: TC
DRAWN BY: MKG/MI
DESIGNED BY: TC

AEP PROJECT NUMBER
213-1882-091

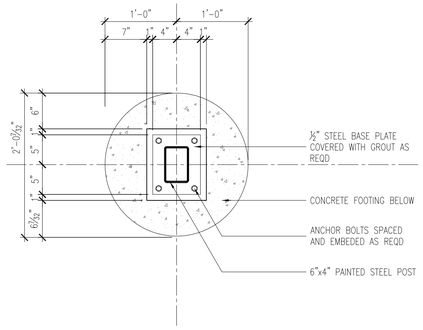
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SHEET TITLE
SIGNAGE TYPES & DETAILS

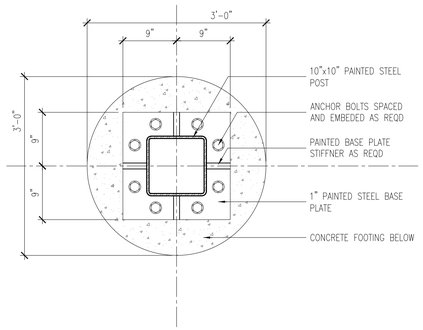
SHEET NUMBER
G201

BID PACKAGE 2C

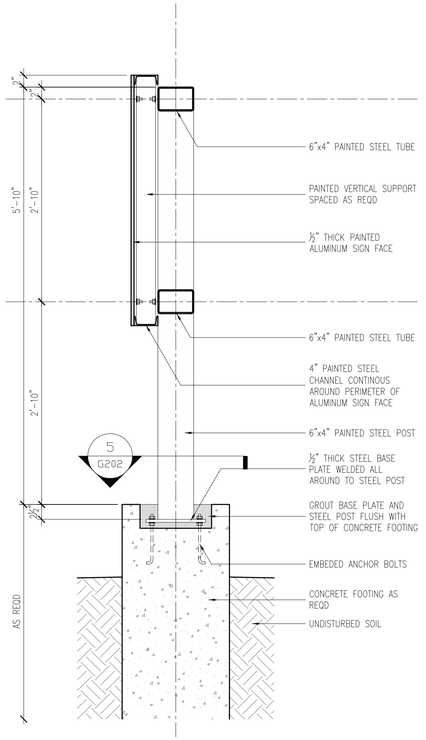
Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\G201 Signage Types and Details.dwg Plotted on: 2/10/2012 10:20 AM Plotted by: Godzina, Marc



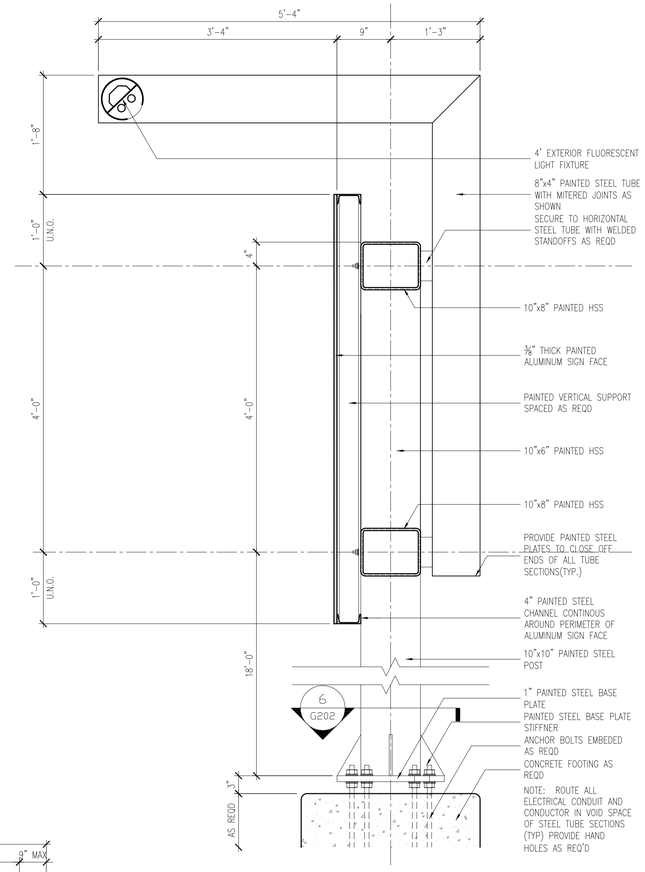
5 SIGN TYPE E.3 & E.4 BASE DETAIL
1" = 1'-0"



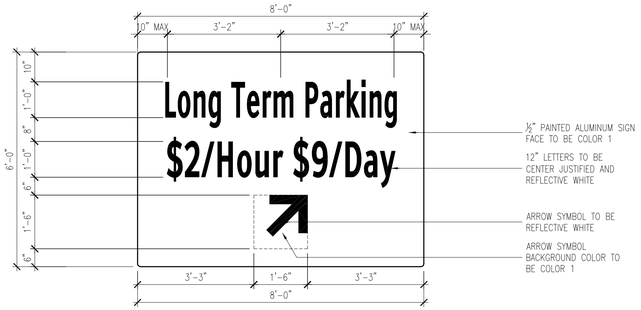
6 SIGN TYPE E.1 & E.2 BASE DETAIL
1" = 1'-0"



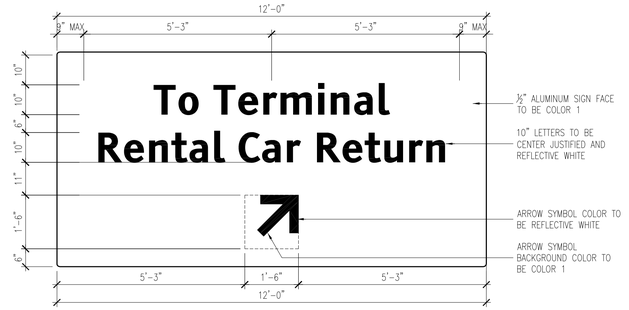
3 POST MOUNTED ROADWAY SIGN SECTION
1" = 1'-0"



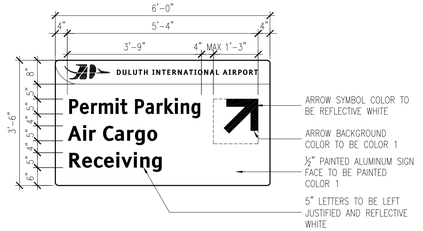
1 OVERHEAD ROADWAY SIGN SECTION
1" = 1'-0"



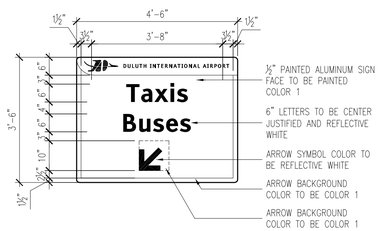
7 SIGN TYPE E.2 FACE
1/2" = 1'-0"



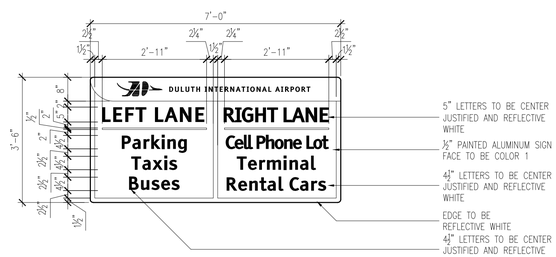
4 SIGN TYPE E.1.1 FACE
1/2" = 1'-0"



2 SIGN TYPE E.3 FACE
1/2" = 1'-0"



9 SIGN TYPE E.5 FACE
1/2" = 1'-0"



8 SIGN TYPE E.4 FACE
1/2" = 1'-0"

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SHEET TITLE
SIGNAGE TYPES & DETAILS

SHEET NUMBER
G202

BID PACKAGE 2C

Drawing: T:\P\2131882.091 Duluth New Terminal\Cad\A\Sheets\G202 Signage Types and Details.dwg Plotted on: 2/10/2012 10:25 AM Plotted by: Godzina, Marc