SKY HARBOR AIRPORT
DULUTH, MINNESOTA

DULUTH AIRPORT AUTHORITY in conjunction with MINNESOTA D.O.T.-OFFICE OF AERONAUTICS and the FEDERAL AVIATION ADMINISTRATION

APRON REHABILITATION - PHASE 2

BID DOCUMENTS

MnDOT STATE PROJECT NUMBER: S.P. 6901A-39
AIP PROJECT NUMBER: 3-27-0028-09-14

CONSTRUCTION DRAWINGS PREPARED FOR:

DULUTH AIRPORT AUTHORITY
4701 GRINDEN DRIVE - DULUTH INTERNATIONAL AIRPORT - DULUTH, MINNESOTA 55811 - TELEPHONE 218/727-2968

DRAWINGS PREPARED BY:

RS&H
Reynolds, Smith and Hills, Inc.
4701 GRINDEN DRIVE - DULUTH INTERNATIONAL AIRPORT - DULUTH, MINNESOTA 55811 - TELEPHONE 218/727-2968

INDEX OF DRAWINGS

- WARNING -
BEFORE DIGGING CALL 1-800-228-1166
TO NOTIFY LOCAL UTILITIES
- REQUIRED BY LAW -

RS&H
Submitted By: _____________________________
DATE: _____________ 4-20-14

RS&H PROJECT NUMBER: 218-1822-119

DULUTH AIRPORT AUTHORITY
Submitted By: _____________________________
DATE: _____________ 4-20-14

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**GENERAL NOTES**

1. **Safety and Security**: Safety and security will be the responsibility of the contractor and will be under the direct supervision of the owner's representative and the Q/C/QC of the owner.

2. **Contractor's Responsibilities**: The contractor shall be responsible for the safety of all persons on the job site and shall ensure that all work is performed in a safe manner.

3. **Construction Schedule**: The construction schedule shall be submitted to the owner for approval. Any changes to the schedule shall be approved in writing by the owner.

4. **Quality Control**: The contractor shall maintain a quality control program to ensure the quality of the work is acceptable to the owner.

5. **Material Certification**: All materials shall be certified by the owner's representative prior to use.

6. **Payment**: Payment shall be made in accordance with the terms of the contract and the owner's payment schedule.

7. **Contractor's Equipment**: The contractor shall furnish all necessary equipment to perform the work.

**ABBREVIATION MEMO**

- **BS**: Bituminous Surface Course
- **CIP**: Concrete In-Place
- **CIPD**: Concrete In-Place Demolition
- **CIR**: Concrete In-Place Rehabilitation
- **CIV**: Concrete In-Place Vertical
- **IS**: In-Grade Surface
- **ISD**: In-Grade Demolition
- **ISD**: In-Grade Vertical
- **MC**: Metallic Concrete
- **MNDT**: Minnesota Department of Transportation
- **MNDT**: Maintenance
to
VERTICAL PIVOT GATE PLAN VIEW

VERTICAL PIVOT GATE ELEVATION

FOUNDATION DETAIL (PLAN VIEW)  CARD READER PEDESTAL DETAIL  ACCESS GATE WIRING DIAGRAM  CATCH ASSEMBLY

DULUTH AIRPORT AUTHORITY
APRON REHABILITATION - PHASE 2

4525 Airport Approach Road, Suite A
Duluth, Minnesota 55811
www.rsandh.com

P-162 FENCE NOTES:
1. Fence shall be a rigid 3 sides, with the fourth side open.
2. Fencing shall be 8 feet tall, with a 12 gauge #1028 wire and 1.5 inch centers in a 71/2 inch wide, diamond pattern.
3. Trenches shall be 24 inches wide and 6 feet deep.
4. Utility runs shall be at least 4 feet from the fence line.
5. Ground cover shall be a minimum of 6 inches of soil, topsoil, or other approved material.

ACCESS GATE WIRING DIAGRAM

ACCESS GATE DETAILS

SHEET NO. 214-1882-119
DATE 06-12-14

BID DOCUMENTS
VERTICAL PIVOT GATE LAYOUT

CONCRETE BOLLARD POST DETAIL