GENERAL NOTES:

1. STRUCTURAL STEEL SHALL BE DESIGNED, DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION, 9TH EDITION AND AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES. FIELD CUTTING OR ENLARGEMENT OF BOLT HOLES WITHOUT AUTHORIZATION FROM CENTRAL DENVER IRONWORKS IS PROHIBITED.

2. STEEL SHALL CONFORM TO ASTM A500 GRADE B FOR STRUCTURAL TUBING AND ASTM A53 GRADE B FOR PIPE. ALL OTHER STEEL SHALL BE ASTM A36 U.N.O.

3. ALL BOLTS SHALL BE Ø3/4" A325 U.N.O.

4. ALL BOLTED CONNECTIONS SHALL BE "SNUG TIGHT". (Snug tight is defined as the "fullest effort of a worker with an ordinary spud wrench"; re AISC Handbook #SBH-1, pg. 56).

5. ANCHOR BOLT TOLERANCES SHALL BE PER AISC CODE OF STANDARD PRACTICE SECTION 7.5.

6. ALL SHOP WELDS SHALL BE E71T-1 FCAW OR E7018 PER AWS D1.1-LATEST EDITION.

7. ALL FIELD WELDS (IF REQUIRED) SHALL BE E7018 OR NR-211-MP PER AWS D1.1-LATEST EDITION. TOUCH UP PAINT AFTER WELDING.

8. ROOF DECK AND FLASHING SHALL BE 24 GA.x12" U.S. METALS STANDING SEAM #150S/A OR EQUAL, ATTACHED PER MANUFACTURERS SPECS.

9. FINISH TO BE DETERMINED - SEE NANCY FIRESTONE.
PLACE WIRE MESH OR WIRE IN STRUCTURE BEHIND PLATES FS AND TACK SECURELY. (3 LOCATIONS)

PL 1/4x18, P1

PL 1/4x18, F2

TS 2x2x1/4, T1

TS 2x2x1/4, T1

ROOF ASM, A4

COLUMN ASM, A1

TS 2x2x1/4, T1

FIELD WELD DETAILS

CHELTENHAM ELEMENTARY SCHOOL

SHADE STRUCTURE
4-COLUMN ASM. MK A3
1-ROOF ASM. MK A4
ROOF FRAMING PLAN
(ROOF PLATE AND DECKING NOT SHOWN FOR CLARITY)

SHOP NOTE:
ATTACH PLATE 2p1 TO FRAME
BEFORE ATTACHING 2x2 T.S. FRAME
MEMBERS. SEE SHEET 4b FOR DETAILS

DIRECTION OF DENVER DECK
(ATTACH TO 2x2 T.S. FRAME)
SHOP NOTE:
ATTACH PLATE 2p1 TO FRAME BEFORE ATTACHING 2x2 T.S. FRAME MEMBERS. SEE SHEET 4b FOR DETAILS

DETAL 2/4a

DETAL 1/4a

SECTION A/4a-A/4a

SECTION B-B

DETAIL 3
ROOF ASM.
ROOF PLATE AND DECKING DETAILS
GENERAL NOTES:

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