



HUMPHREY PUBLIC SCHOOL - TRACK AND FIELD

ADD #1

DATE: 10/22/14

DIVISION 3 - CONCRETE

033000 Concrete

- Cast-in-place Reinforced Concrete. Air-entrained at exterior exposed concrete, 5.5%-6.0%.
- 4,000 psi-28 day compressive strength with max water to cement ratio of .50
- 3000 psi-28 day compressive strength with max water to cement ratio of .55.
- Slab Reinforcement: 6x6 W1.4xW1.4 WWF
- Admixtures per ACI 211.1
- Concrete testing by GC or CM
- 15 mil vapor barrier-Stego or approved equal.

Division 7 THERMAL AND MOISTURE PROTECTION

076100 - Sheet Metal Roofing

- 26 GA. Metal linear panel; Berridge Manufacturing Company or approved equal.

DIVISION 8 OPENINGS

081113 Steel Doors and Frames

- Curries, Ceco or Steelcraft.
- Exterior Frames: Fully-welded, 16 gauge.
- All Frames reinforced for hardware and factory primed for field finish: Two coats finish, minimum.

083613 Sectional Door

- Overhead Door Corporation; Product 426 Series
- Other Acceptable Manufacturers: Ceco/Windsor, Raynor, Wayne-Dalton

087100 Hardware

- Commercial quality, heavy-duty,
- Finish: (US26D finish.)
- Manufacturers: Sargent, Corbin-Russwin, Schlage, Hager, Norton, Reese, Pemko.
- Keying: VERIFY OWNERS KEY SYSTEM

Doors - (2)

| | | | | |
|------|--------------|---------------------|-----|-----------------------|
| 3 ea | Hinges | TA2714 4-1/2 X4-1/2 | 26D | McKinney |
| 1 | Lockset | 65GO4KL | 26D | Sargent Manufacturing |
| 1 | Threshold | 171 A | | Pemko |
| 1 | Door Sweep | 3452 CNB | | Pemko |
| 1 | Weatherstrip | 294 AV | | Pemko |

DIVISION 9 FINISHES

099000 Paints and Coatings

- Diamond Vogel, Sherwin Williams, Pittsburgh, ICI, Glidden, Tenemec or equal.
- Interior Paint:
- Steel: Semi-gloss alkyd enamel finish-two finish coats over rust inhibitive primer.
- Exterior paint:
- Galvanized Steel: Semi-gloss acrylic enamel finish-two coats finish over a galvanized metal primer.
- Type of paint as recommended by manufacturer for intended substrate.



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RCP AND ELECTRICAL NOTES:

1. LIGHT FIXTURE TYPE 1 SHALL BE LITHONIA LA-232-GEB10RS -120-HC, CHAIN HAND @ 10'-0" AFF (TYPICAL).
2. WIRING SHALL BE #12AWG CU IN 1/2" PVC CONDUIT. (UNLESS NOTED OTHERWISE).
3. PROVIDE HEAVY-DUTY, FUSED 30A/2P WEATHERPROOF DISCONNECT SWITCH WITH GROUND BAR. DO NOT BOND NUETRAL AND GROUND TOGETHER. LABEL "MAIN DISCONNECT".
4. PROVIDE GROUNDING ROD.
5. EXTEND 3-#8 AND #10GND IN 1" CONDUIT TO EXISTING BUILDING AND CONNECT TO NEW 30A/2P CIRCUIT BREAKER. INSTALL A MINIMUM OF 24" BELOW GRADE.
6. SEE SITE PLAN FOR SERVICE LINE ROUTE.
7. ALL OULETS TO BE GFCI.
7. INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE, AND ALL LOCAL, STATE, AND FEDERAL RULES, REGULATIONS, AND CODES.

GENERAL NOTE:

CONTRACTOR TO PROVIDE FOUNDATION DESIGN. DESIGN/CONSTRUCTION DRAWINGS TO BE PREPARED AND STAMPED BY A LICENSED ENGINEER REGISTERED IN THE STATE OF NEBRASKA.

ROOF DESIGN LOADS:

| | | |
|---|------|--------------------|
| OCCUPANCY CATEGORY | | |
| LIVE LOADS | | |
| ROOF | | |
| GROUND SNOW (Pg) | | 30PSF |
| FLAT ROOF SNOW (Pf) | | 25PSF |
| SNOW EXPOSURE (Ce) | | 1.0 |
| THERMAL FACTOR (Ct) | | 1.0 |
| RAIN ON SNOW - SLOPES LESS THAN 2" PER FT | | 5 PSF |
| UNBALANCED SNOW LOADS | | ASCE 7 SECTION 7.6 |
| WIND LOADS | | |
| SPEED | | 90 M.P.H. |
| EXPOSURE | C | |
| NET UPLIFT FOR STL JOIST SYSTEMS | | 15 PSF |
| SEISMIC LOADS | | |
| SITE CLASSIFICATION | | E |
| SEISMIC DESIGN CATORGORY | | B |
| Ss = | .116 | |
| S1 = | .036 | |

K $\frac{5}{22.0}$

2x4 WOOD TREATED TURF NAILER AND ATTACHMENT TO CONCRETE BY CONTRACTOR USING COATED TAPCON $\frac{1}{8}$ " X 2" CONCRETE SCREW W/HEX HEAD SPACED 2'-0" O.C. 1" BELOW TOP OF PAVEMENT. COORDINATE LOCATION OF WOOD ANCHORS WITH POST TENSION TRACK CONTRACTOR.

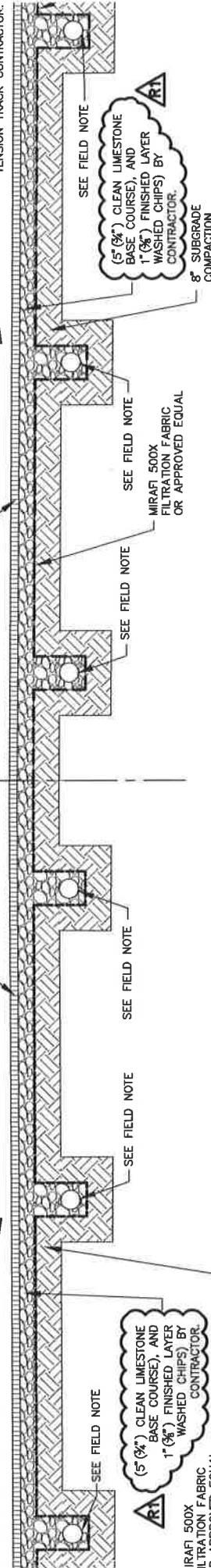
FIELD NOTE:
SEE UTILITY PLAN FOR LATERAL LINE SIZES

POST CONCRETE $\frac{5}{22.0}$

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0.5% SLOPE

0.5% SLOPE



SYNTHETIC TURF FIELD CROSS SECTION

NO SCALE

1
C1.3

REGA NO. 131295

| ISSUED FOR: | DATE: | BY: |
|--|----------|-----|
| REVISION, DETAIL 1/C1.3, CHANGED BASE COURSE LIMESTONE SIZE. | 10/20/14 | SDB |

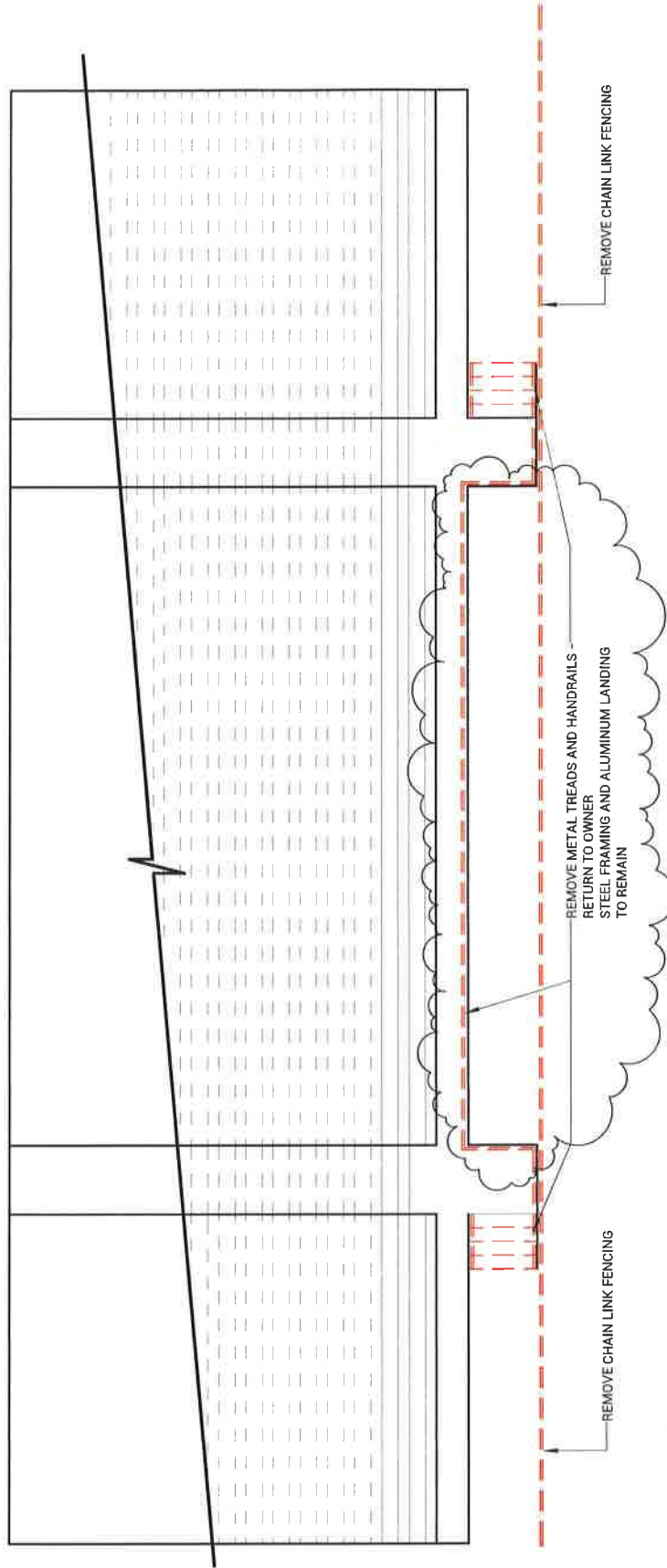
REGA
ENGINEERING
GROUP, INC.

REF. SHT# C1.3



**HUMPHREY PUBLIC SCHOOL - TRACK AND FIELD
ADD #1 C**

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C1 BLEACHER DEMO PLAN

1/8" = 1'-0"