



August 25, 2025

ADDENDUM NO. 2

TO THE CONTRACT DOCUMENTS

FOR

Colton High School – Baseball & Softball Field Lighting Upgrades

FOR THE

Colton Joint Unified School District
1212 Valencia Drive,
Colton, CA 92324

DSA #04-124412

FILE #36-H4

RCA Project No. 1-15-117

NOTICE TO BIDDERS

This Addendum forms a part of the Contract and modifies the original documents of DSA Approved on March 26, 2024. It is intended that all work affected by the following modifications shall conform with related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No. 01 in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

CHANGES TO DRAWINGS

ARCHITECTURAL

- Item No. 2.0 Reference Sheet AS-1.1 – Overall Site Plan
2.0.1 Revise per clouded area of attached sheet and items listed below
 a) Add new Keynote 26 56 19.4

ELECTRICAL

- Item No. 2.1 Reference Sheet E-7.1 – ELECTRICAL-BASEBALL FIELDS – ENLARGED
2.1.1 Revise per clouded areas of attached sheet and items listed below
 a) Revise General Note #5
 b) Revise Keynote 5, NEMA enclosure size and detail reference.
 c) Add Keynote 9.
 d) Revise location of Musco Comm Cabinet in plan.
- Item No. 2.2 Reference Sheet E-7.2 – ELECTRICAL-SOFTBALL FIELDS – ENLARGED
2.2.1 Revise per clouded areas of attached sheet and items listed below
 a) Revise General Note #5
 b) Revise Keynote 5, NEMA enclosure size and detail reference.
 c) Add Keynote 9.
 d) Revise location of Musco Comm Cabinet in plan.
- Item No. 2.3 Reference Sheet E-9.1 – ELECTRICAL DETAILS
2.3.1 Revise per clouded areas of attached sheet and items listed below

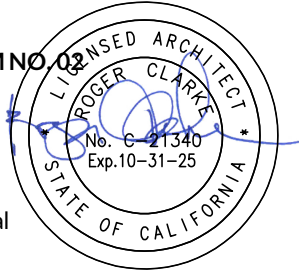
- a) Add detail 6/E-9.1 – Communications Enclosure mounting detail.
- b) Added detail 7/E-9.1 – PA Speaker System Diagram.

ATTACHMENTS:

Specifications: NA
Sheets: AS-1.1, E-7.1, E-7.2, E-9.1
Sketches: NA

END OF ADDENDUM NO. 02

Roger Clarke, Principal
C-21340





RUHNAU
CLARKE
ARCHITECTS

GENERAL NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF THE SITE AND ITS OWN SOLE RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE EXTENT OF THE DEMOLITION BASED UPON THE PROPOSED NEW WORK.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL ITEMS THAT ARE TO BE DEMOLISHED (ABOVE AND BELOW GROUND). ANY HAZARDOUS MATERIALS ENCOUNTERED SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND BE REMOVED AS REQUIRED BY STATE AND LOCAL LAWS.
4. REFER TO SPECIFICATION FOR CONSTRUCTION WASTE MANAGEMENT REQUIREMENTS.
5. REMOVE ALL ITEMS REQUIRED FOR COMPLETE AND PROPER CONSTRUCTION OF NEW WORK.
6. PATCH, REPAIR AND/OR RESTORE ANY TIME, INCLUDING BUT NOT LIMITED TO, PAVING, LANDSCAPE TREES, PLANTING, TURF, GRADING, UTILITIES SYSTEMS, AND IRRIGATION, ETC. THAT IS AFFECTED BY WORK TO ITS ORIGINAL CONDITION OR BETTER.
7. NO DEMOLITION/CONSTRUCTION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
8. ALL DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH CBC CHAPTER 33 AND CFC CHAPTER 33.
9. PROTECT IN PLACE ALL EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES THAT ARE NOT IN SCOPE OF WORK.
10. CONTRACTOR SHALL LOCATE UNDERGROUND UTILITY SURVEY TO REQUIRE GROUND PENETRATING RADAR (GPR) METHOD TO LOCATE EXISTING UTILITIES PRIOR TO TRENCHING AND DRILLING.

KEYNOTES

02 01 00 26.2	EXISTING TRANSFORMER TO REMAIN, PROTECT IN PLACE
02 01 00 26.3	EXISTING ELECTRICAL CABINET TO REMAIN, PROTECT IN PLACE
02 01 00 32.24	EXISTING FOOTBALL GOAL POST TO REMAIN, PROTECT IN PLACE
02 01 00 32.25	EXISTING BATTERIES EYE TO REMAIN, PROTECT IN PLACE
02 01 00 26.1	DEMO EXISTING LIGHT POLE INCLUDING FOOTING, SEE ELECTRICAL DWG FOR MORE INFO.
26 12 00 1	NEW ELECTRICAL CABINET/MUSCO CONTROLLERS & CONCRETE PAD FOR ELECTRICAL AND MUSCO DRAWINGS
26 56 19.2	NEW MUSCO POLY/LIGHTING FOR MUSCO AND ELECTRICAL DRAWINGS
26 56 19.4	NEW MUSCO POLY/LIGHTING AND SPEAKER FOR MUSCO AND ELECTRICAL DRAWINGS
31 23 16.1	NEW ELECTRICAL TRENCHING PER ELECTRICAL DWG.

SITE LEGEND

A#  NEW MUSCO LIGHTING, SEE MUSCO AND ELECTRICAL DRAWINGS.

— — — AREA OF WORK

————— EXISTING CHAINLINK FENCE, PROTECT IN PLACE

 EXISTING FIRE HYDRANT

EXISTING CONCRETE PAVING

EXISTING DIRT

NEW TRENCHING LINE FOR NEW ELECTRICAL UNDERGROUND CONDUIT
PER ELECTRICAL DRAWINGS.
SEE GENERAL NOTES FOR ADDITIONAL INFO.

WHERE TRENCHING OCCURS AT EXISTING CONCRETE PAVING
SEE DETAIL

2
AS-1.1

REPLACE CONC. TO NEAREST EXISTING COLD OR EXPANSION JOINT REMOVED AS REQUIRED

(E) CONC.

(E) CONC.

(N) 4" THK CONCRETE PAYING W/ 3,000 PSI MIN. STRENGTH

1/4" RADIUS TOOLED EDGE AT ALL JOINTS, TYP.

SAW-CUT EA. SIDE & REMOVE (E) CONC AS REQUIRED AND REPLACE W/ SAME STRENGTH CONC. (3,250 PSI MIN.)

FLUSH TRANSITION

#4 X 8" SMOOTH STEEL DOWEL @18" O.C., EPOXY IN EXIST. CONC. W/ SIMPSON STRONG-TIE SET-3 OR APPROVED EQUAL 6" EMBEDMENT, TYP.

30" MIN.

6" MIN.

COMPACTED FILL FILL

COATED WITH BOND BREAKER @ EXPANSION JOINT

#4 @18" O.C. EA WAY. (2 MIN. EA. WAY)

AGGREGATE BASE

SAND FILL

2'-0" MIN.

(N) ELECTRICAL CONDUIT PER

CONCRETE PAVING PATCH	SCALE: 1 1/2" = 1'-0"	2
-----------------------	-----------------------	---

AS-1.1

1-15-1:

PROJECT No. :1-15-117
9/3/2025 3:42:07 PM

DRAWN BY: DELTA # _____ DATE _____
 DELTA # 2 DATE 9/11/25
 DELTA # _____ DATE _____
 DELTA # _____ DATE _____

CHECKED BY: ☐ ADO ☐ AFO ☐ CCO ☐ REV
☒ ADO ☐ AFO ☐ CCO ☐ REV
☐ ADO ☐ AFO ☐ CCO ☐ REV
☐ ADO ☐ AFO ☐ CCO ☐ REV

RUHNAUCLARKE.COM

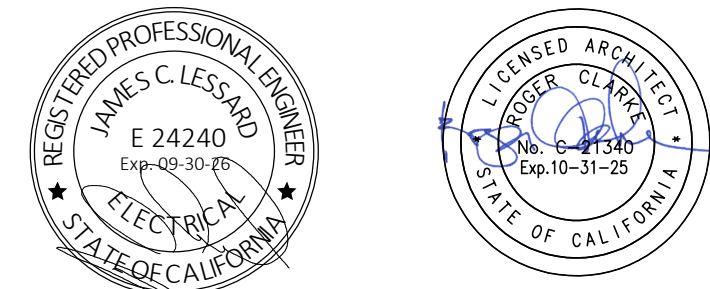
3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684 4664 / 5751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438 5899 / 801 16TH STREET SACRAMENTO, CA 95814 (916) 379 8111

OVERALL SITE PLAN - MOD.	SCALE: 1" = 60'-0"	1
--------------------------	-----------------------	---

**COLTON HIGH SCHOOL BASEBALL &
SOFTBALL FIELD LIGHTING**
COLTON HIGH SCHOOL
777 W. Valley Blvd., Colton, CA 92324
Colton Joint Unified School District

OVERALL SITE PLAN

COLTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD LIGHTING: APPENDUM NO. 2 - SEPT. 11, 2025



STAMPS SIGNED: 05/05/25
AGENCY APPROVAL
TIC No.



ASTRAL ENGINEERS, PC
PO BOX 150
RANCHO CUCAMONGA, CA 91729
909.903.0015
www.astraleng.com
PROJECT # 240059.00

RUHNAU
CLARKE
ARCHITECTS

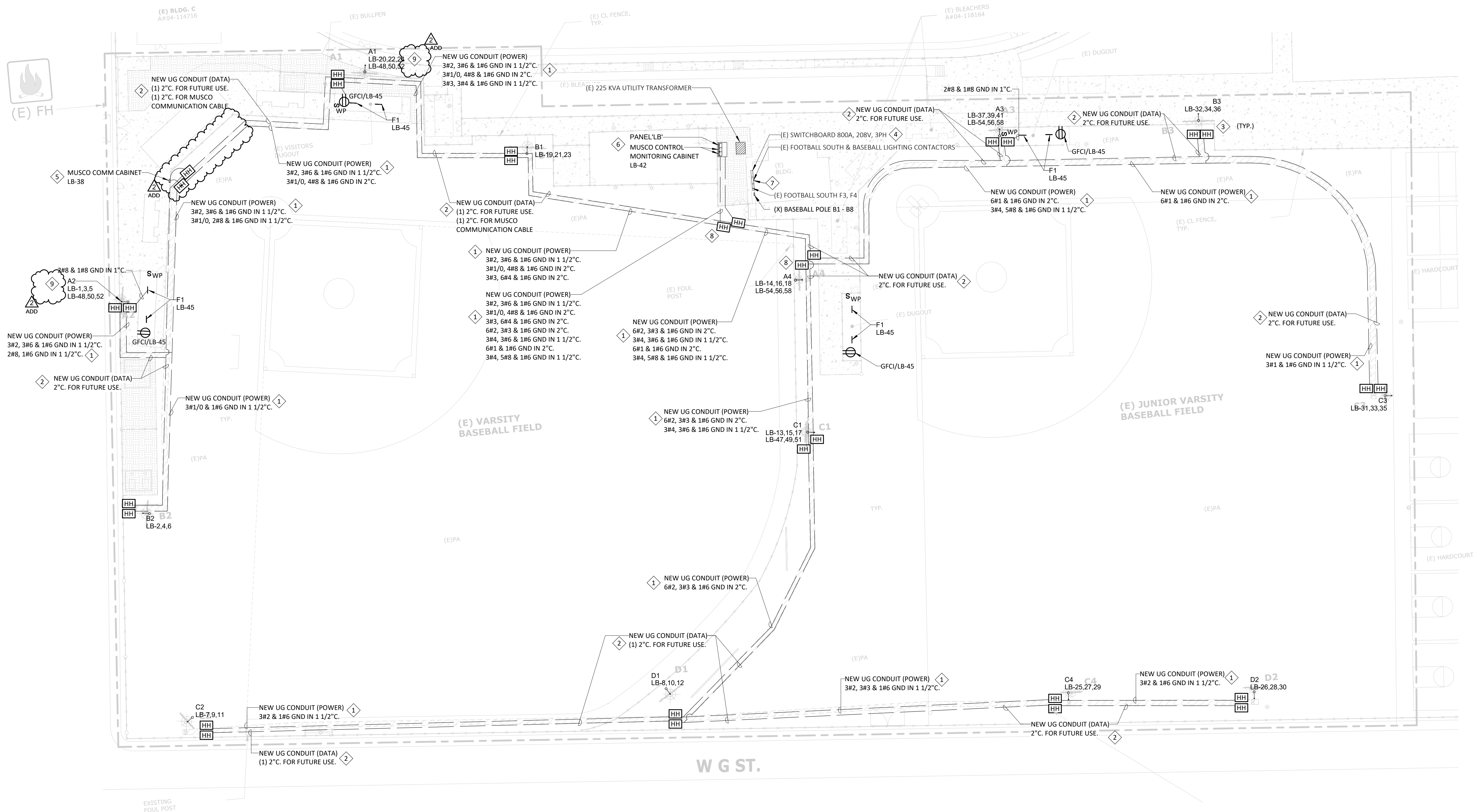
CONSULTANT BRANDING

GENERAL NOTES

NUMBER	TEXT
1	SITE LIGHTING POLES, FIXTURES, AND CONTROLLER ARE PROVIDED BY MUSCO LIGHTING, INC. SEE MUSCO LIGHTING DRAWINGS FOR ADDITIONAL INFORMATION.
2	COORDINATE CONDUIT TRENCH ROUTING AND EQUIPMENT LOCATIONS WITH EXISTING CONDITIONS AND NEW WORK.
3	ALL SITE UNDERGROUND CONDUIT TO BE 1" MIN. UNLESS OTHERWISE NOTED.
4	ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE NEMA 3R.
5	CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE PLANTS, TREE ROOTS, AND/OR IRRIGATION SYSTEM COMPONENTS (PIPING, HEADS, WIRING, ETC) WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS AND/OR IRRIGATION SYSTEM COMPONENTS TO BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
6	VOLTAGE DROP SHALL NOT EXCEED 3% FOR BRANCH AND 2% FOR FEEDERS, FOR A COMBINED 5% TOTAL ALLOWABLE VOLTAGE DROP.
7	PROVIDE SIZE 'A' IN-GRADE HANDHOLES, PER DETAIL 2/E-9.1, UNLESS OTHERWISE NOTED.

KEYNOTES - E-7.1

NUMBER	TEXT
1	UTILIZE PANEL 'LB' TO FEED NEW SITE LIGHTING. SEE SCHEDULE ON E-8.1 FOR CIRCUITING.
2	PROVIDE PULL STRING WITHIN SPARE 2" CONDUIT (DATA), RESERVED FOR FUTURE USE BY DISTRICT. CONDUIT SHALL BE STUBBED INTO BASE OF EACH LIGHT POLE. CONDUIT SHALL BE CAPPED AND MARKED AS "RESERVED - SPARE (DATA)".
3	SEE DETAIL 2/E-9.1 FOR EXTERIOR HANDHOLE INSTALLATION.
4	EXISTING ELECTRICAL SWITCHBOARD. PROVIDE NEW 400A/3P 208V BREAKER TO FEED NEW PANEL 'LB'. SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.
5	PROVIDE NEMA 3R ENCLOSURE (20"Wx24"Hx16"D), MOUNTED TO FENCE VIA UNISTRUCT SUPPORT, TO HOUSE MUSCO COMMUNICATIONS CABINET. PROVIDE CATSE DATA CABLING (BELDEN 7937A OR EQUAL) BETWEEN MUSCO COMMUNICATIONS CABINET AND MUSCO CONTROL/MONITORING CABINET IN 2" CONDUIT. PROVIDE GFCI RECEPTACLE WITHIN ENCLOSURE. SEE DETAIL 6/E-9.1.
6	PROVIDE PAD MOUNTED, FREE-STANDING CABINET FOR MOUNTING OF NEW PANEL 'LB' AND MUSCO CONTROL/MONITORING CABINET. SEE DETAIL 3/E-9.1 FOR CABINET.
7	REMOVE CONTACTORS ASSOCIATED WITH REMOVED LIGHTING POLES IN THE BASEBALL FIELD.
8	PROVIDE SIZE 'A' HAND HOLE AT THIS LOCATION PER DETAIL 2/E-9.1.
9	PROVIDE SPEAKERS MOUNTED TO MUSCO LIGHTING POLES AT THIS LOCATION. TWO (2) SPEAKERS PER POLE. UTILIZE MUSCO-FURNISHED MOUNTING BRACKET ON POLE. PROVIDE SPEAKER WIRING BACK TO COMMUNICATION CABINET IN LOW-VOLTAGE CONDUIT. SEE DETAIL 7/E-9.1.



1 ELECTRICAL - BASEBALL FIELDS - ENLARGED
1" = 30'-0"

PROJECT No. :1-15-117
9/5/2025 12:08:07 PM

DRAWN BY: _____
CHECKED BY: _____
DATE: 9/11/23
ADD: _____
REV: _____
DATE: _____
ADD: _____
REV: _____

RUHNAUCLARKE.COM

3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684-4664 / 5751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438-5899

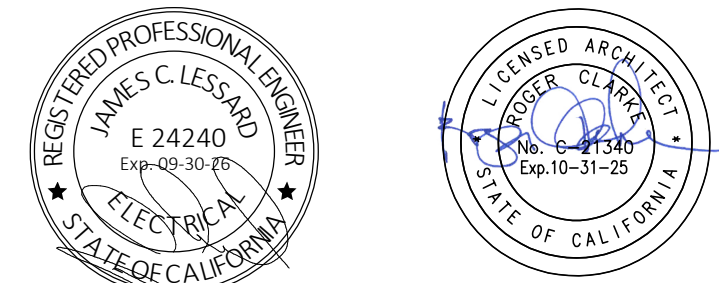
COLTON HIGH SCHOOL BASEBALL &
SOFTBALL FIELD LIGHTING

COLTON HIGH SCHOOL
777 W. Valley Blvd., Colton, CA 92324
Colton Joint Unified School District

ELECTRICAL - BASEBALL
FIELDS - ENLARGED

E-7.1

COLTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD LIGHTING: ADDENDUM NO. 2 - SEPT. 11, 2025



STAMPS
SIGNED: 05/05/25

AGENCY APPROVAL
DATE: _____



ASTRAL ENGINEERS, PC
PO BOX 150
RANCHO CUCAMONGA, CA 91729
909.903.0015
www.astraleng.com
PROJECT # 240059.00

RUHNAU
CLARKE
ARCHITECTS

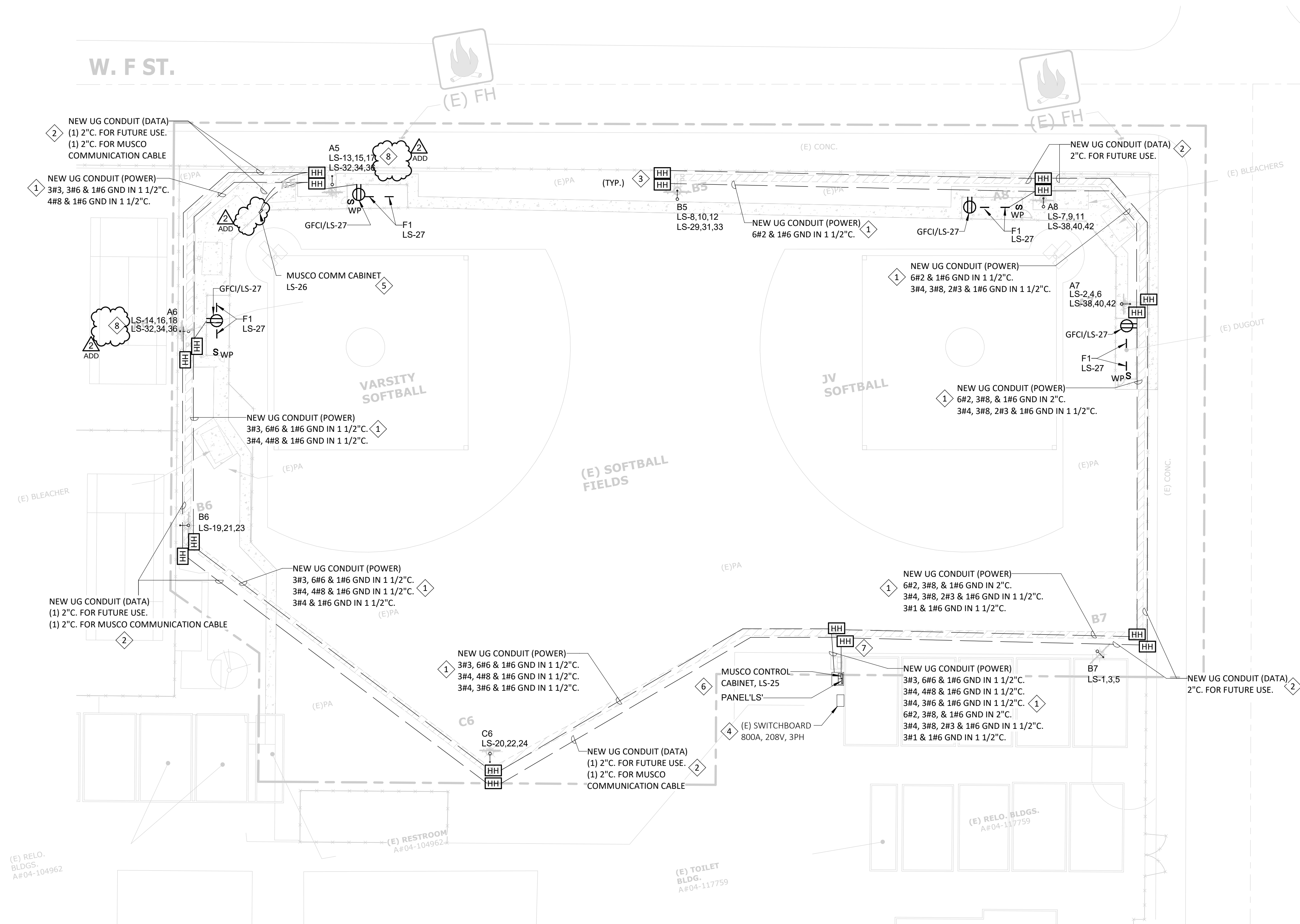
CONSULTANT BRANDING

GENERAL NOTES

NUMBER	TEXT
1	SITE LIGHTING POLES, FIXTURES, AND CONTROLLER ARE PROVIDED BY MUSCO LIGHTING, INC. SEE MUSCO LIGHTING DRAWINGS FOR ADDITIONAL INFORMATION.
2	COORDINATE CONDUIT TRENCH ROUTING AND EQUIPMENT LOCATIONS WITH EXISTING CONDITIONS AND NEW WORK.
3	ALL SITE UNDERGROUND CONDUIT TO BE 1" MIN. UNLESS OTHERWISE NOTED.
4	ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE NEMA 3R.
5	CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE PLANTS, TREE ROOTS, AND/OR IRRIGATION SYSTEM COMPONENTS (PIPING, HEADS, WIRING, ETC) WHEN TRENCHING IN BEDDING OR TREE ROOT AREA. ANY DAMAGED PLANTS AND/OR IRRIGATION SYSTEM COMPONENTS TO BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
6	VOLTAGE DROP SHALL NOT EXCEED 3% FOR BRANCH AND 2% FOR FEEDERS, FOR A COMBINED 5% TOTAL ALLOWABLE VOLTAGE DROP.
7	PROVIDE SIZE 'A' IN-GRADE HANDHOLES, PER DETAIL 2/E-9.1, UNLESS OTHERWISE NOTED.

KEYNOTES - E-7.2

NUMBER	TEXT
1	UTILIZE PANEL 'LS' TO FEED NEW SITE LIGHTING. SEE SCHEDULE ON E-8.1 FOR CIRCUITING.
2	PROVIDE PULL STRING WITHIN SPARE 2" CONDUIT (DATA), RESERVED FOR FUTURE USE BY DISTRICT. CONDUIT SHALL BE STUBBED INTO BASE OF EACH LIGHT POLE. CONDUIT SHALL CAPPED WITHIN ELECTRICAL ROOM AND MARKED AS "RESERVED - SPARE (DATA)".
3	SEE DETAIL 2/E-9.1 FOR EXTERIOR HANDHOLE INSTALLATION.
4	EXISTING ELECTRICAL SWITCHBOARD. PROVIDE NEW 225A/3P 208V BREAKER TO FEED NEW PANEL 'LS'. SEE SINGLE LINE DIAGRAM FOR MORE INFORMATION.
5	PROVIDE NEMA 3R ENCLOSURE (20"Wx24"Hx16"D), MOUNTED TO FENCE VIA UNISTRUCT SUPPORT, TO HOUSE MUSCO COMMUNICATIONS CABINET. PROVIDE CAT5E DATA CABLE (BELDEN 7937A OR EQUAL) BETWEEN MUSCO COMMUNICATIONS CABINET AND MUSCO CONTROL/MONITORING CABINET IN ADDITIONAL 2" CONDUIT. PROVIDE GFCI RECEPTACLE WITHIN ENCLOSURE. SEE DETAIL 6/E-9.1.
6	PROVIDE PAD MOUNTED, FREE-STANDING CABINET FOR MOUNTING OF NEW PANEL 'LS' AND MUSCO CONTROL/MONITORING CABINET. SEE DETAIL 3/E-9.1 FOR CABINET.
7	PROVIDE SIZE 'B' HAND-HOLE AT THIS LOCATION, PER DETAIL 2/E-9.1.
8	PROVIDE SPEAKERS MOUNTED TO MUSCO LIGHTING POLES AT THIS LOCATION. TWO (2) SPEAKERS PER POLE. UTILIZE MUSCO-FURNISHED MOUNTING BRACKET ON POLE. PROVIDE SPEAKER WIRING BACK TO COMMUNICATION CABINET IN LOW-VOLTAGE CONDUIT. SEE DETAIL 7/E-9.1.



1 ELECTRICAL - SOFTBALL FIELDS - ENLARGED
1" = 30'-0"

PROJECT No. :1-15-117
9/5/2025 12:08:08 PM

DRAWN BY: _____
CHECKED BY: _____
DATE: 9/11/25
DATE: _____
DATE: _____
DATE: _____

ADD _____
REV _____
REV _____
REV _____

ADD _____
REV _____
REV _____
REV _____

RUHNAUCLARKE.COM

3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684-4664 / 5751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92010 (760) 438-5899

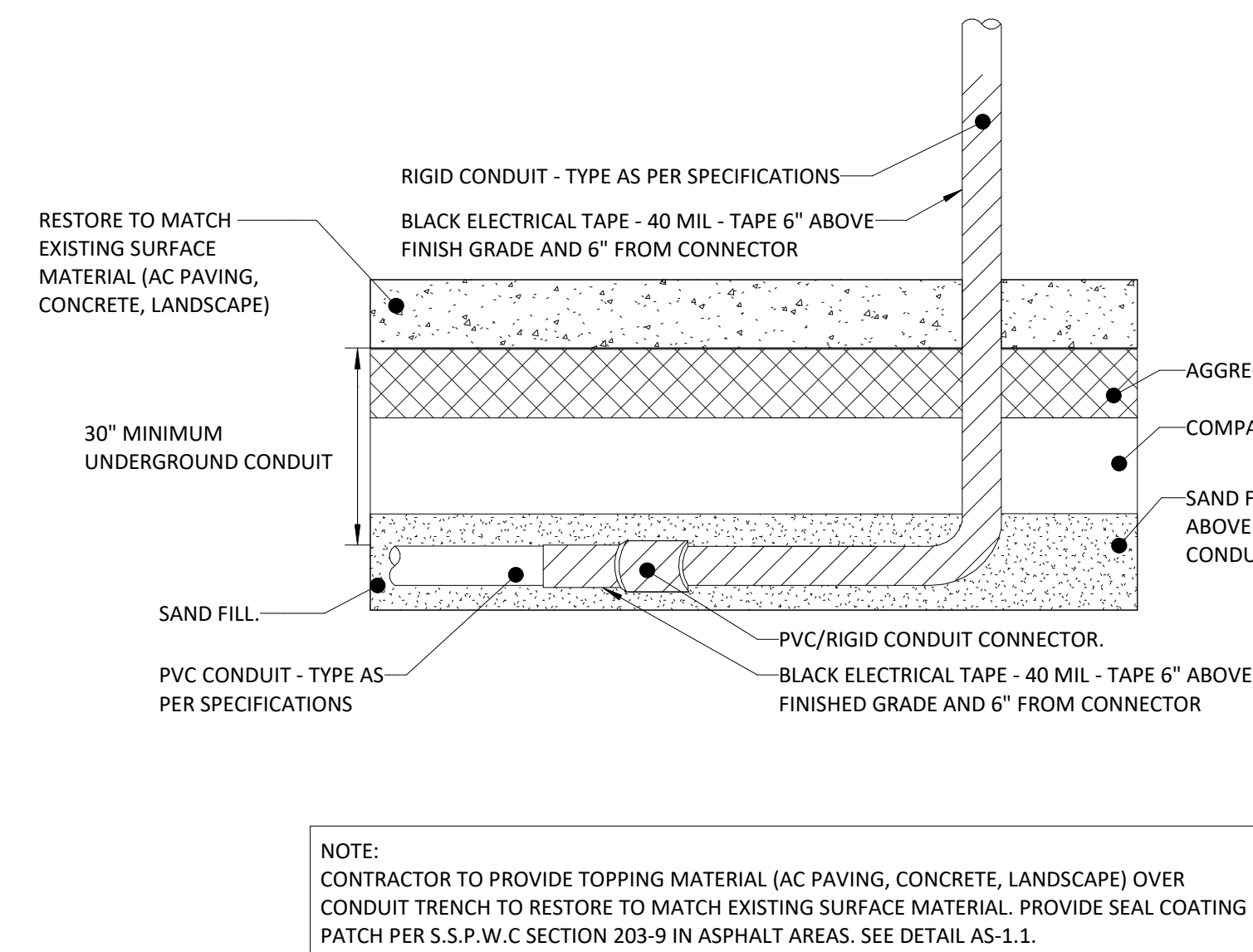
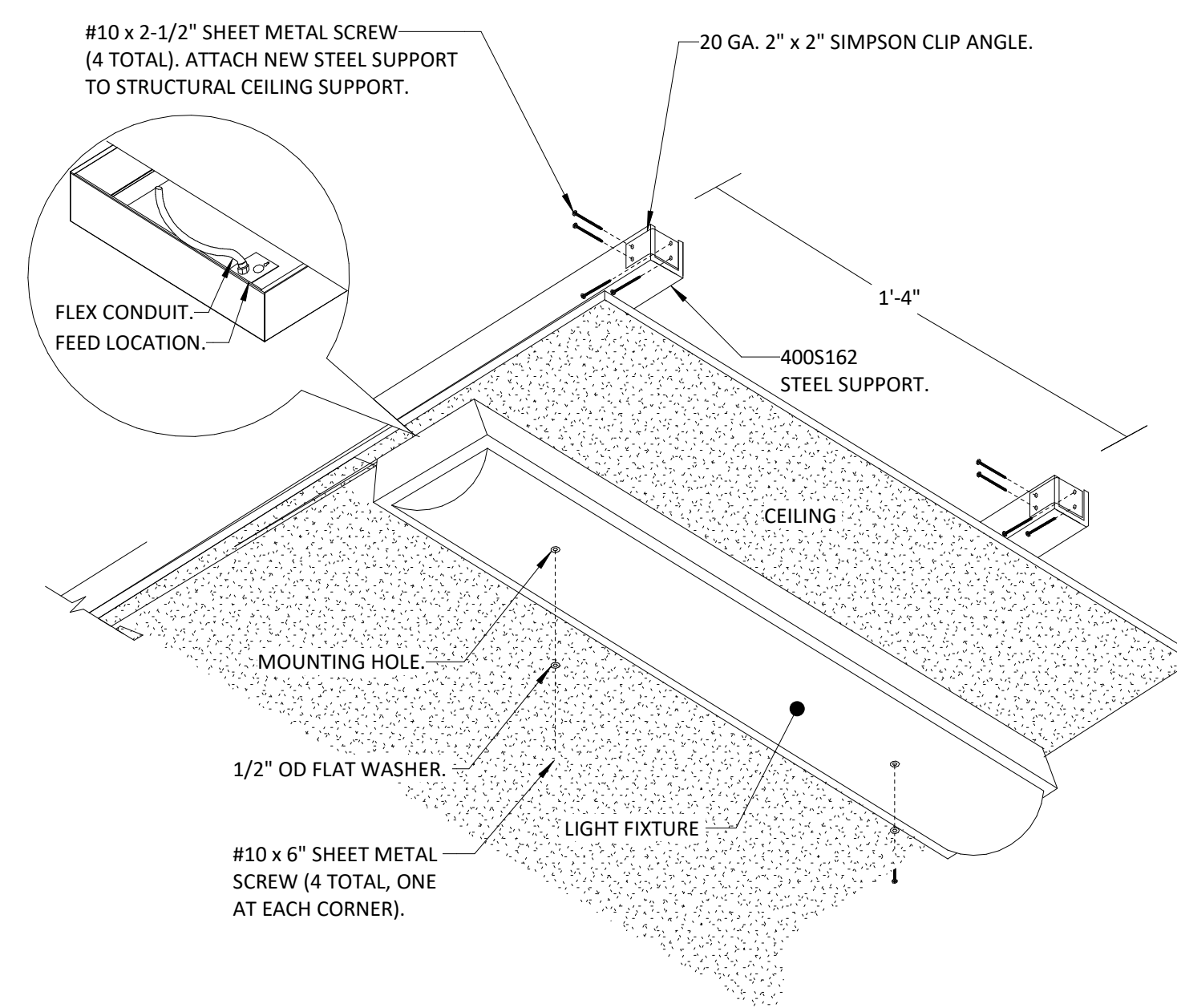
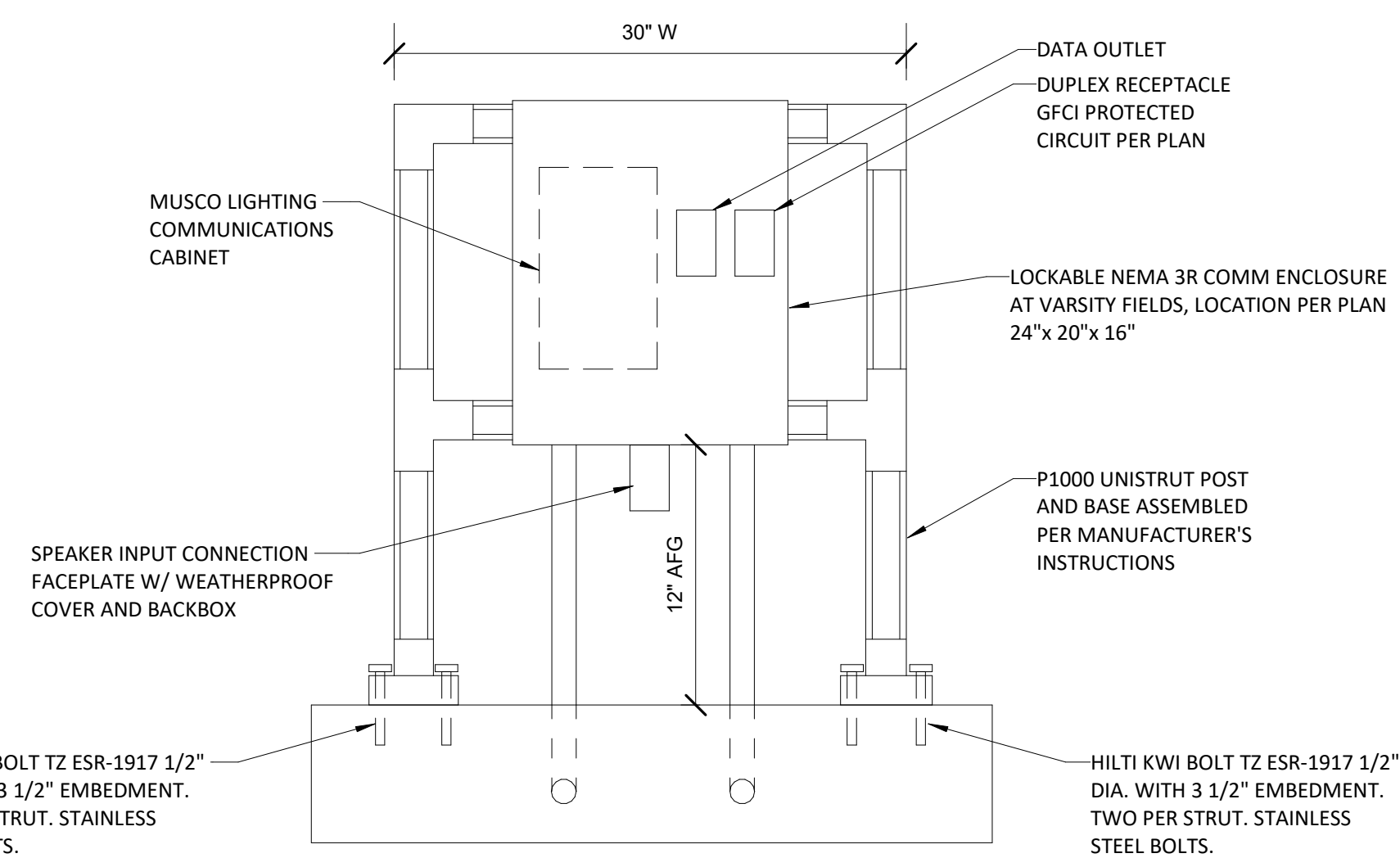
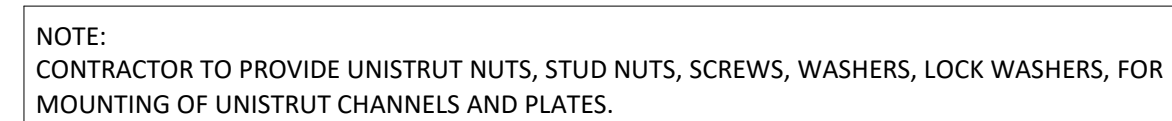
COLTON HIGH SCHOOL BASEBALL &
SOFTBALL FIELD LIGHTING

COLTON HIGH SCHOOL
777 W. Valley Blvd., Colton, CA 92324
Colton Joint Unified School District

ELECTRICAL - SOFTBALL
FIELDS - ENLARGED

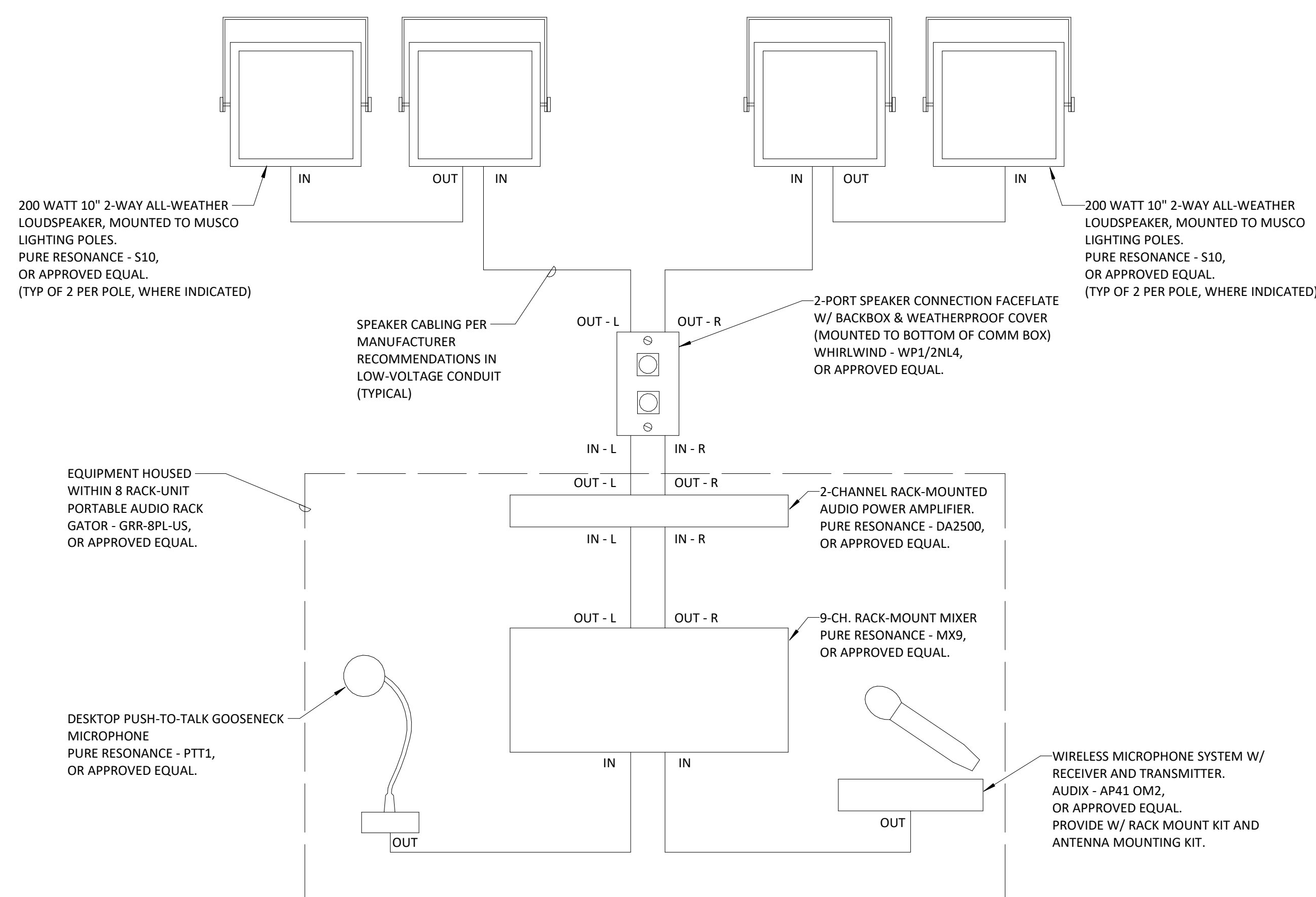
E-7.2

COLTON HIGH SCHOOL BASEBALL & SOFTBALL FIELD LIGHTING: ADDENDUM NO. 2 - SEPT. 11, 2025



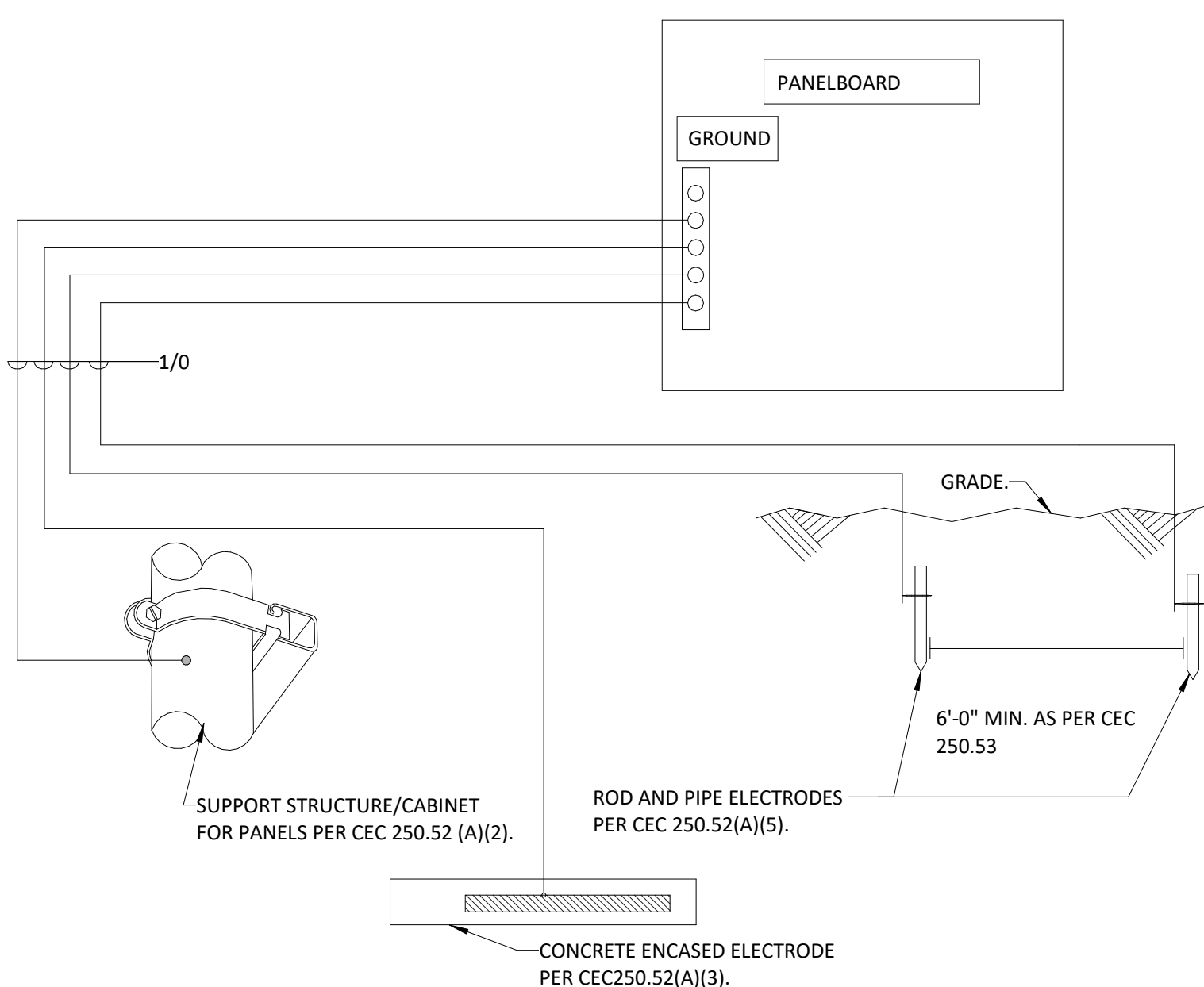
COMMUNICATIONS ENCLOSURE MOUNTING DETAIL

NTS	6
-----	---



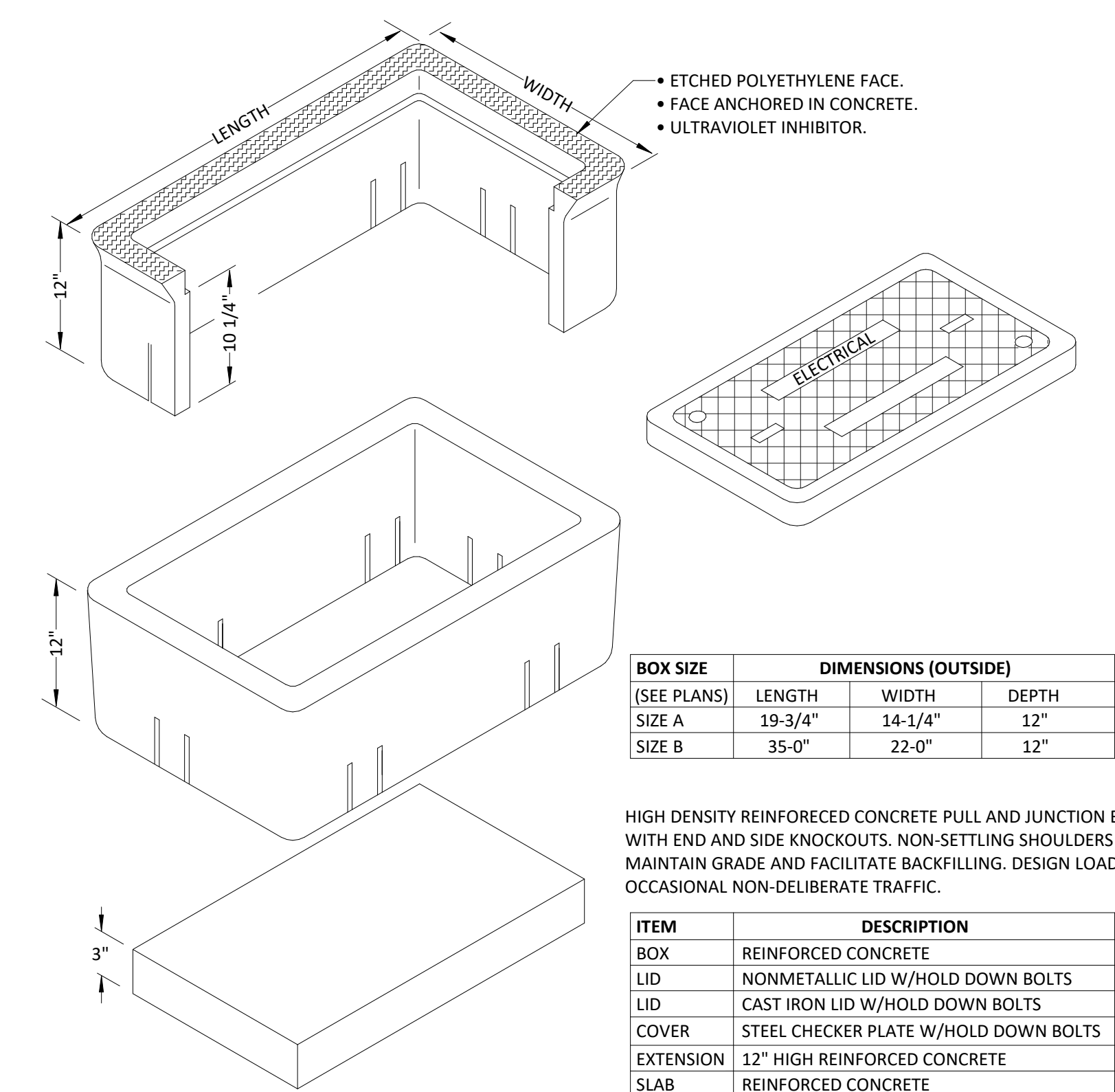
PA SPEAKER SYSTEM DIAGRAM

NTS	7
-----	---



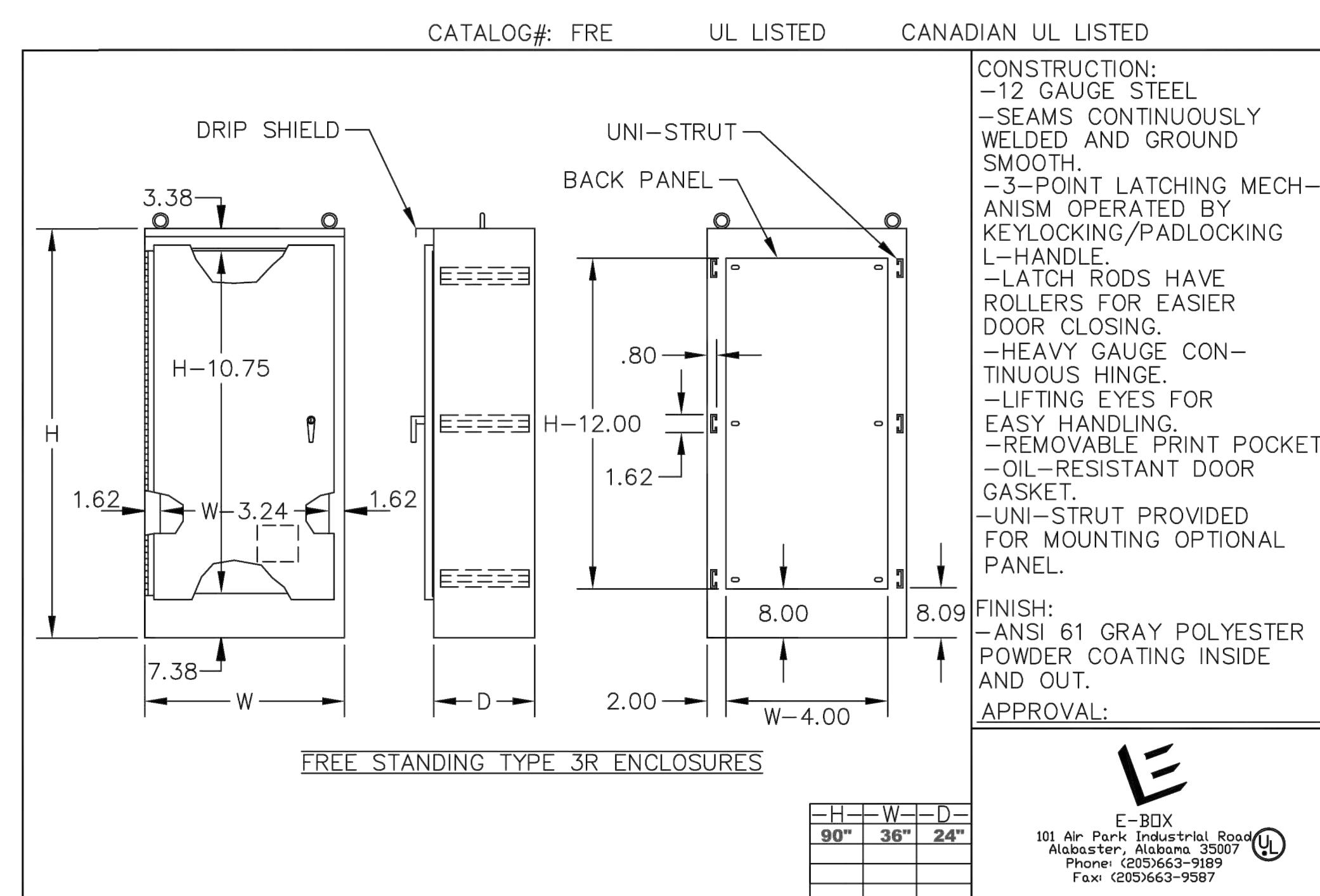
PANEL GROUNDING DETAIL

NTS	5
-----	---



EXTERIOR HAND HOLE HOLE

NTS	2
-----	---

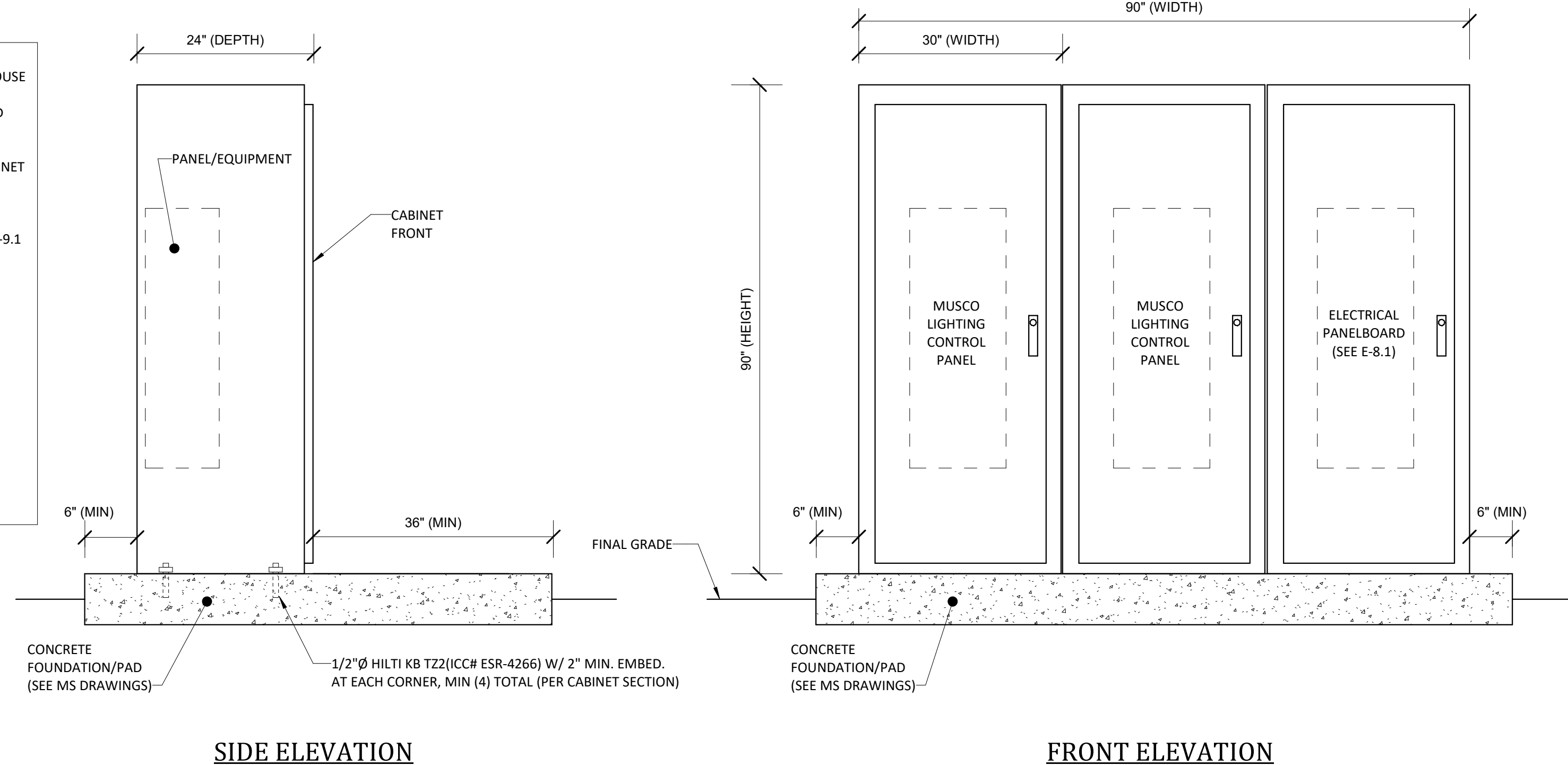


NOTES:

1. BASEBALL FIELD LOCATION WILL HAVE THREE (3) CABINET (30") SECTIONS TO HOUSE PANELBOARD AND TWO (2) MUSCO LIGHTING CONTROL PANELS. SOFTBALL LOCATION WILL HAVE TWO (2) CABINET (30") SECTIONS TO HOUSE PANELBOARD AND ONE (1) MUSCO LIGHTING CONTROL PANEL.
2. CONCRETE FOUNDATION/PAD SHALL EXTEND 6" BEYOND THE EDGE OF THE CABINET ON SIDES / BACK AND EXTEND 36" AT THE FRONT OF CABINET. SEE CONCRETE STRUCTURAL DESIGN DETAIL IN MS SPEC DRAWINGS.
3. PROVIDE GROUNDING, BONDED TO CABINET, IN ACCORDANCE WITH DETAIL 5/E-9.1 AND CEC REQUIREMENTS.

4. TOTAL CABINET WEIGHT AS FOLLOWS:

- A. BASEBALL FIELD LOCATION
 - a. $3 \times 460.0 \text{ LBS (CABINETS)} = 1,380.0 \text{ LBS}$
 - b. $1 \times 180.0 \text{ LBS (MUSCO PANEL #1)} = 180.0 \text{ LBS}$
 - c. $1 \times 140.0 \text{ LBS (MUSCO PANEL #2)} = 140.0 \text{ LBS}$
 - d. $1 \times 140.0 \text{ LBS (PANELBOARD)} = 140.0 \text{ LBS}$
 - e. **TOTAL = 1,840.0 LBS**
- B. SOFTBALL FIELD LOCATION
 - a. $2 \times 460.0 \text{ LBS (CABINETS)} = 920.0 \text{ LBS}$
 - b. $1 \times 180.0 \text{ LBS (MUSCO PANEL #1)} = 180.0 \text{ LBS}$
 - c. $1 \times 140.0 \text{ LBS (PANELBOARD)} = 140.0 \text{ LBS}$
 - d. **TOTAL = 1,240.0 LBS**



EQUIPMENT FREE-STANDING CABINET DETAIL

NTS	3
-----	---