

REFERENCE NOTES

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-118588 INC.
 REVIEWED FOR:
 SS FLS ACS
 DATE: 01/20/2021



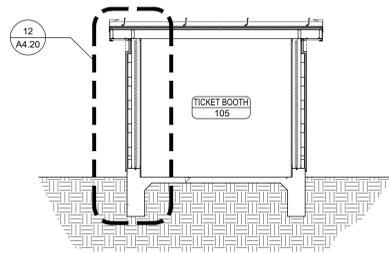
VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 1843 Iron Point Rd., Suite 140
 Folsom, CA 95630
 Tel: 916-415-6554
 Fax: 916-415-6535
 www.VerdeDesignInc.com

GENERAL NOTES

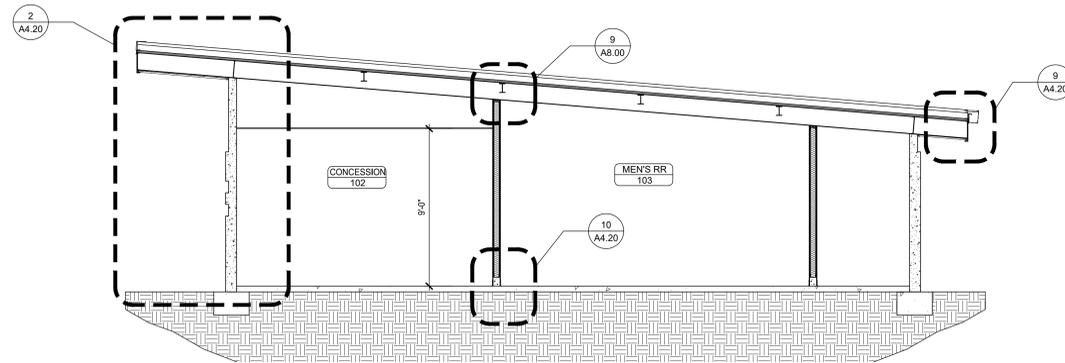
STAMP



CONSULTANT



SECTION 1/4" = 1'-0" 23



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

SHEET TITLE

BUILDING SECTIONS

PROJECT NAME

MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS

PROJECT ADDRESS

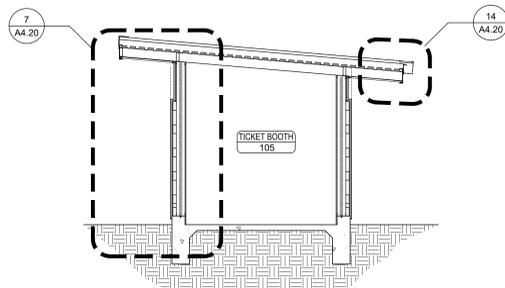
7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

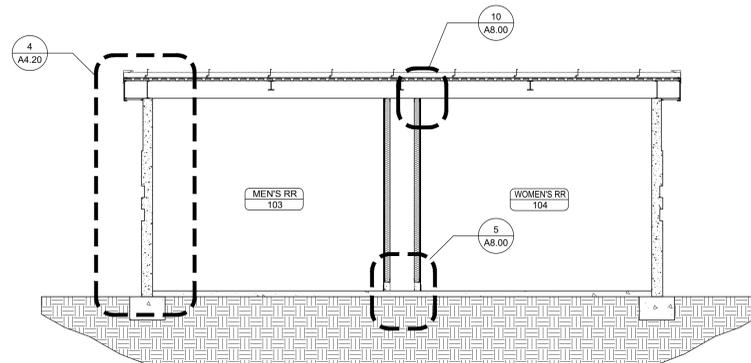
| NO. | REVISIONS | DATE |
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|-------------|------------|
| DRAWN BY | CHECKED BY |
| IB | BG |
| DATE ISSUED | SCALE |
| 01/20/2021 | AS NOTED |
| PROJ. NO. | |
| 1819500 | |

SHEET NO.
A4.00



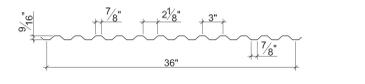
SECTION 1/4" = 1'-0" 25



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

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Verco Shallow Vercor Roof Deck - IAPMO UES ER-2018
Nominal Dimensions



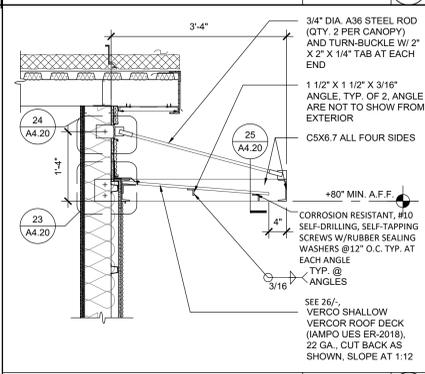
| Section Properties | | | | | | |
|--------------------|--------------------|------------|----------|---|-------------------------|--------------------|
| Deck | Deck | Base Metal | Yield | Effective Moment of Inertia | Effective Section | |
| Shape | W _x | Thickness | Strength | I _x = (I ₁ + I ₂)/3 | Modulus at | |
| | (in ²) | (in) | (ksi) | (in ⁴) | F _y = 60 ksi | |
| | | | | (in ⁴) | S _x = | S _y = |
| | | | | (in ⁴) | (in ³) | (in ³) |
| 22 | 1.6 | 0.0209 | 60 | 0.022 | 0.022 | 0.073 |

DECK PROPERTIES AT CANOPY

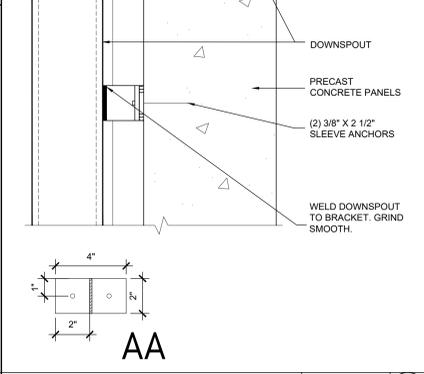
NTS

26

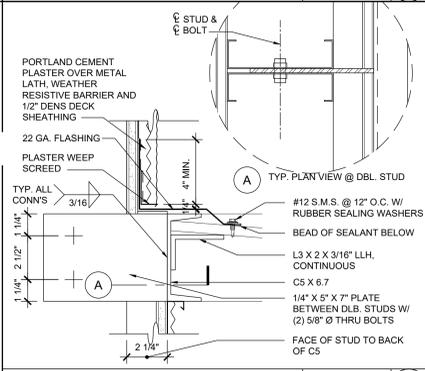
WALL SECTION 1 1/2" = 1'-0"



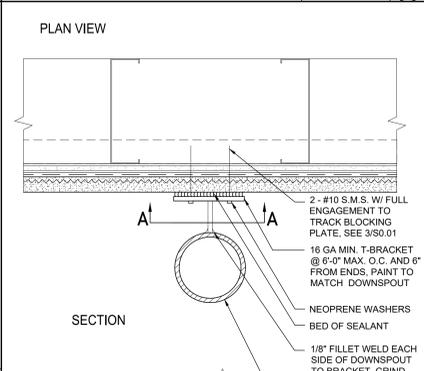
PLAN VIEW



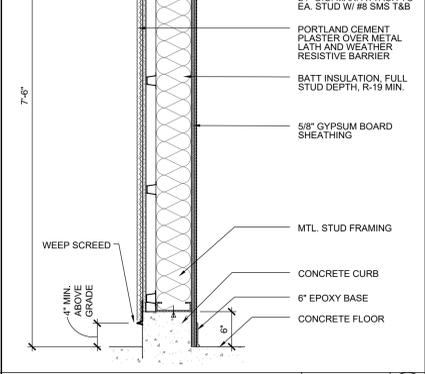
CANOPY SECTION 3/4" = 1'-0"



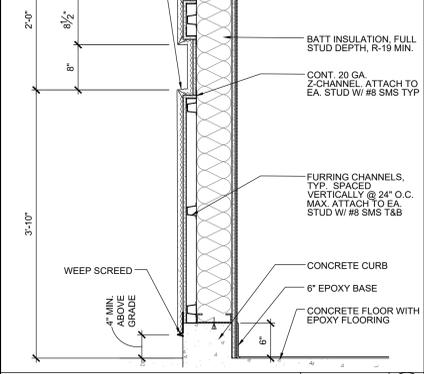
DOWNSPOUT CONNECTION 3" = 1'-0"



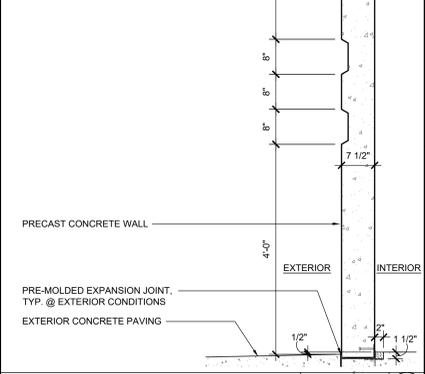
WALL SECTION - RAKE 1" = 1'-0"



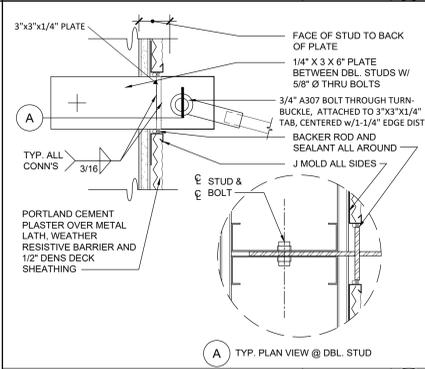
WALL SECTION - EAVE 1" = 1'-0"



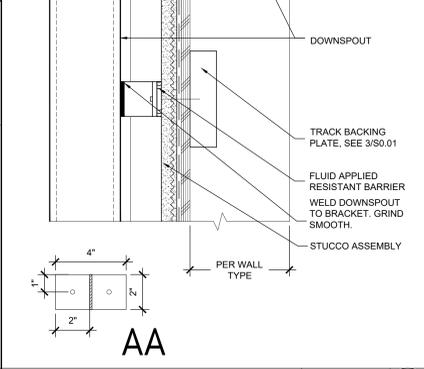
WALL SECTION - EAVE 3/4" = 1'-0"



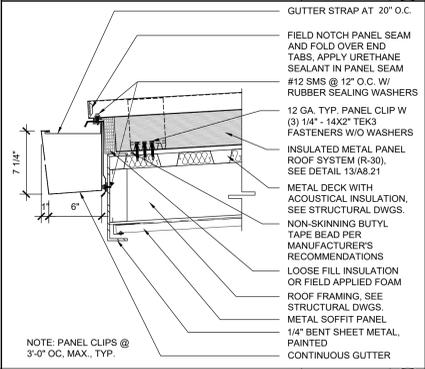
LOWER CANOPY PLATE 3" = 1'-0"



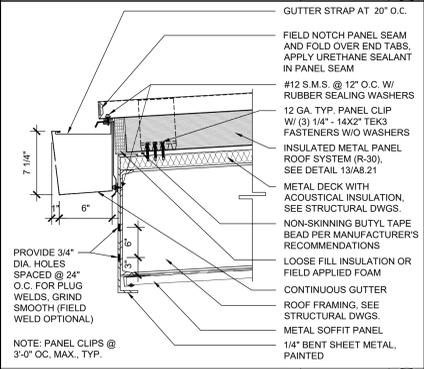
PLAN VIEW



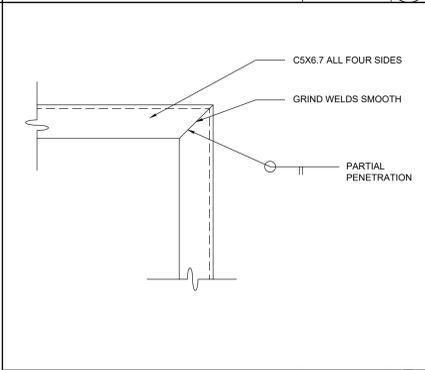
TYP. RAKE 1 1/2" = 1'-0"



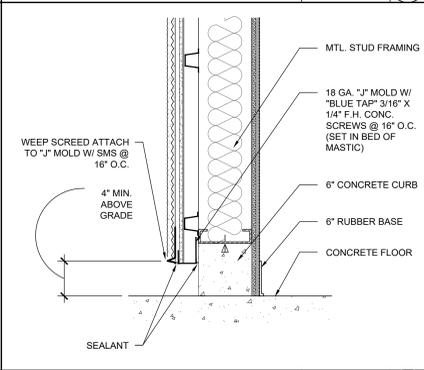
TYP. RAKE 1 1/2" = 1'-0"



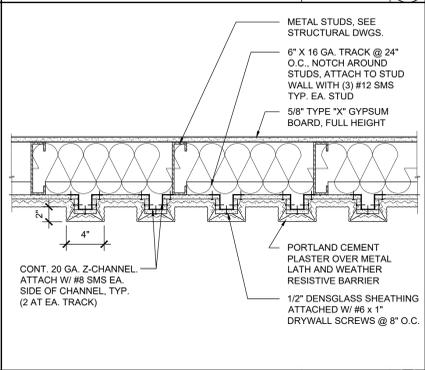
UPPER CANOPY PLATE 3" = 1'-0"



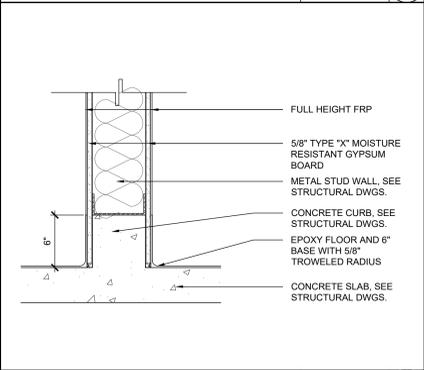
DOWNSPOUT CONNECTION 3" = 1'-0"



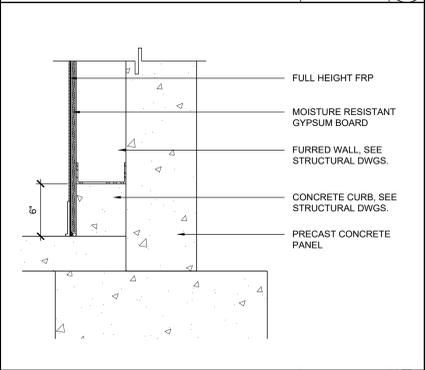
GUTTER 1 1/2" = 1'-0"



GUTTER 1 1/2" = 1'-0"



WALL SECTION - RAKE 1" = 1'-0"



CANOPY CORNERS 3" = 1'-0"



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



PLASTER FLUTING 1 1/2" = 1'-0"



BASE CONDITION 1 1/2" = 1'-0"



FURRING WALL @ CONC. 1 1/2" = 1'-0"



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DIV. OF THE STATE ARCHITECT
APP: 02-118598 INC.
REVIEWED FOR
SS FLS ACS
DATE: 01/20/2021

VERDE DESIGN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
SPORT PLANNING & DESIGN
1843 Iron Point Rd., Suite 140
Folsom, CA 95630
Tel: 916-415-6554
Fax: 916-415-6555
www.VerdeDesign.com

STAMP
REGISTERED LANDSCAPE ARCHITECT
W. MARK BARBER
No. 4088
EXPIRATION DATE: JULY 2021
STATE OF CALIFORNIA

CONSULTANT
REGISTERED ARCHITECT
WALTER WHITMORE
No. C 30345
Ren. 9/30/21
STATE OF CALIFORNIA

EXTERIOR WALL SECTIONS

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

| NO. | REVISIONS | DATE |
|-----|-----------|------|
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DRAWN BY: **IB** CHECKED BY: **BG**
DATE ISSUED: **01/20/2021** SCALE: **AS NOTED**
PROJ. NO.: **1819500**

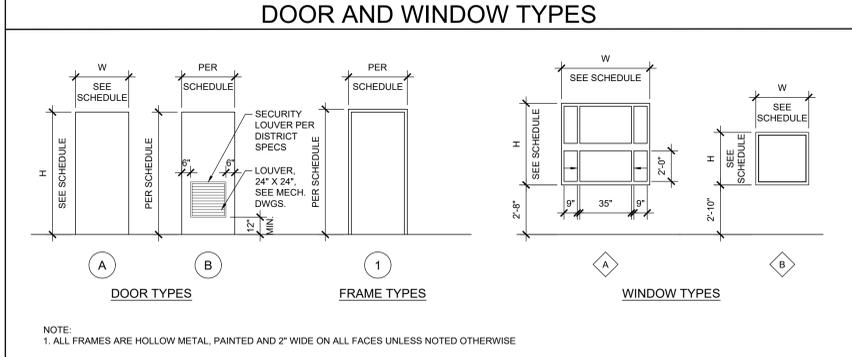
SHEET NO. **A4.20**

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| DOOR SCHEDULE | | | | | | | | | | | | | | | |
|---------------|------------------|------|-------|--------|--------|-------|--------|------|------|----------|------|------|--------|---------|-------|
| No. | LOCATION | DOOR | | | | FRAME | | | | HARDWARE | | | | REMARKS | |
| | | TYPE | WIDTH | HEIGHT | THICK | MATL | FINISH | TYPE | MATL | FINISH | HEAD | JAMB | THRES. | | GROUP |
| 101A | CUSTODIAL | A | 3'-0" | 7'-0" | 1-3/4" | HM | PTG | 1 | HM | PTG | 6 | 7 | 9 | 2 | - |
| 102A | CONCESSION | A | 3'-0" | 7'-0" | 1-3/4" | HM | PTG | 1 | HM | PTG | 1 | 2 | 9 | 1 | - |
| 103A | MEN'S RESTROOM | B | 3'-0" | 7'-0" | 1-3/4" | HM | PTG | 1 | HM | PTG | 1 | 2 | 9 | 3 | - |
| 104A | WOMEN'S RESTROOM | B | 3'-0" | 7'-0" | 1-3/4" | HM | PTG | 1 | HM | PTG | 1 | 2 | 9 | 3 | - |
| 105A | TICKET BOOTH | B | 3'-0" | 7'-0" | 1-3/4" | HM | PTG | 1 | HM | PTG | 3 | 4 | 9 | 1 | - |

NOTE:
NEW BUILDINGS SERVING K-12, CONSTRUCTED WITH STATE FUNDS, ON NEW OR EXISTING CAMPUSES WITH INDIVIDUAL ROOMS WITH AN OCCUPANT LOAD OF 5 OR MORE AND BUILDING ENTRANCES SHALL BE EQUIPPED WITH INTERIOR LOCKING DOOR HARDWARE PER AB-211 (EXCEPT PUPIL RESTROOMS). THIS REQUIREMENT APPLIES REGARDLESS OF OCCUPANCY CLASSIFICATION (ADMIN., PRESS BOXES, ETC.), AND IS APPLICABLE TO "LEASE-BACK" PROJECTS. PROVIDE A COPY OF THE MANUFACTURER'S CUT SHEETS AND HARDWARE LISTING FOR REVIEW. (REF: 17075.50 (a), CAL. ED. CODE)

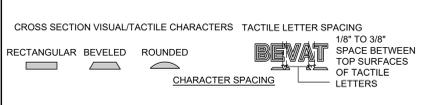
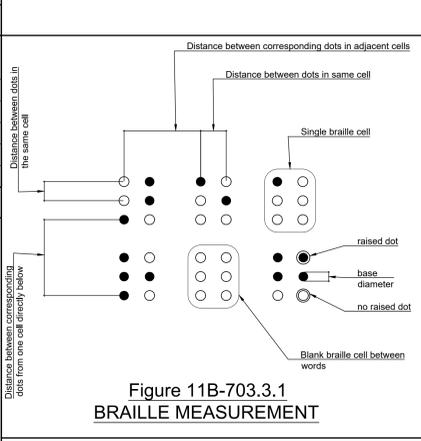
| WINDOW SCHEDULE | | | | | | | | | | | |
|-----------------|--------------|--------|---------------|---------------------------------|------------|------|------|-----------------|------|------|---|
| No. | LOCATION | WINDOW | | | FRAME | | | SEE SHEET A8.10 | | | REMARKS |
| | | TYPE | SIZE W x H | FUNCTION | GLASS TYPE | TYPE | MATL | HEAD | JAMB | SILL | |
| 102 | CONCESSION | A | 5'-0" x 4'-8" | SELF CLOSING | T | AL | CA | 18a | 18b | 18c | |
| 102 | CONCESSION | A | 5'-0" x 4'-8" | SELF CLOSING | T | AL | CA | 18a | 18b | 18c | |
| 105 | TICKET BOOTH | B | 3'-0" x 3'-0" | FIXED W/ DEAL TRAY & WEEP WHOLE | T | AL | CA | 13a | 13b | 13c | PROVIDE SECURITY SCREEN PER DTL. 19/A8.10 |
| 105 | TICKET BOOTH | B | 3'-0" x 3'-0" | FIXED W/ DEAL TRAY & WEEP WHOLE | T | AL | CA | 13a | 13b | 13c | PROVIDE SECURITY SCREEN PER DTL. 19/A8.10 |



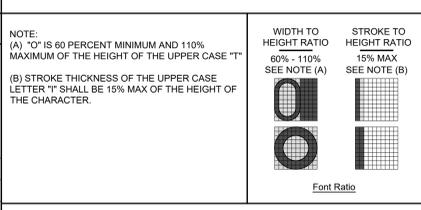
| MEASUREMENT RANGE | | MINIMUM IN INCHES | MAXIMUM IN INCHES |
|--|--|-------------------|-------------------|
| DOT BASE DIAMETER | | 0.069" (1.5MM) | 0.063" (1.6MM) |
| DISTANCE BETWEEN TWO DOTS IN THE SAME CELL | | 0.100" (2.5MM) | |
| DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS | | 0.300" (7.6MM) | |
| DOT HEIGHT | | 0.025" (0.6MM) | 0.037" (0.9MM) |
| DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW | | 0.395" (10MM) | 0.400" (10.2MM) |

NOTE: MEASURED CENTER TO CENTER

NOTE: DOMED OR ROUNDED SHAPE IS REQUIRED FOR BRAILLE CHARACTERS

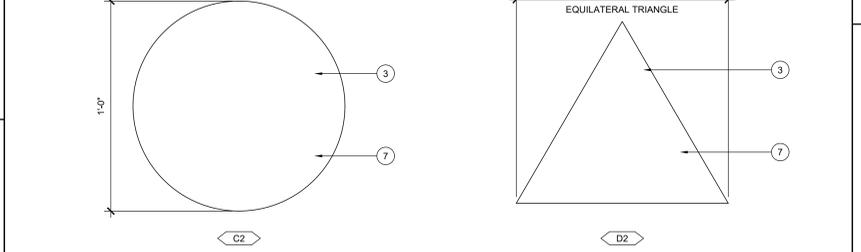
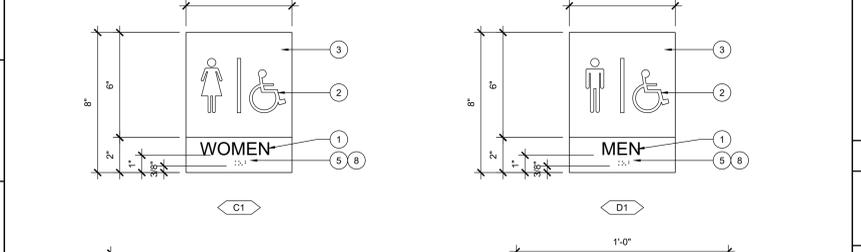
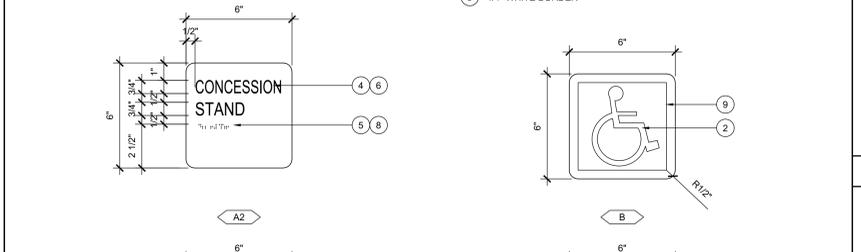
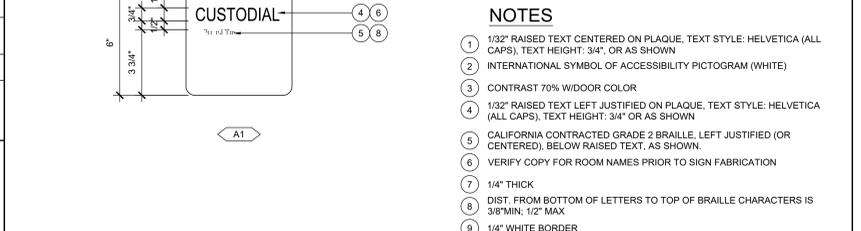
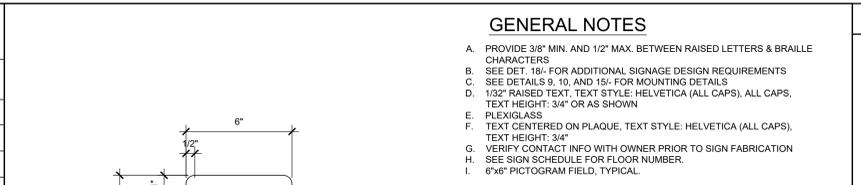


| SIGNAGE SCHEDULE | | | | | | | | |
|---------------------------|-------------|-----------|-----------------|-------------|-------------|-------------------|--------|----------|
| BUILDING | SIGN NUMBER | SIGN TYPE | DETAIL MOUNTING | TEXT LINE 1 | TEXT LINE 2 | MOUNTING LOCATION | BRILLE | COMMENTS |
| CONCESSION & TICKET BOOTH | 101 | A1 | 10/- | CUSTODIAL | - | WALL | YES | |
| | 102.1 | A2 | 10/- | CONCESSION | STAND | WALL | YES | |
| | 102.2 | B | 10/- | - | - | WALL | NO | |
| | 103.1 | D1 | 10/- | MEN'S | - | WALL | YES | |
| | 103.2 | D2 | 10/- | - | - | DOOR | NO | |
| | 104.1 | C1 | 10/- | WOMEN'S | - | WALL | YES | |
| | 104.2 | C2 | 10/- | - | - | DOOR | NO | |
| | 105.1 | A2 | 10/- | TICKET | BOOTH | WALL | YES | |
| 105.2 | B | 10/- | - | - | WALL | NO | | |

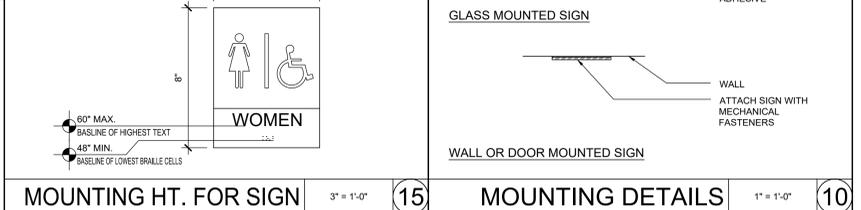
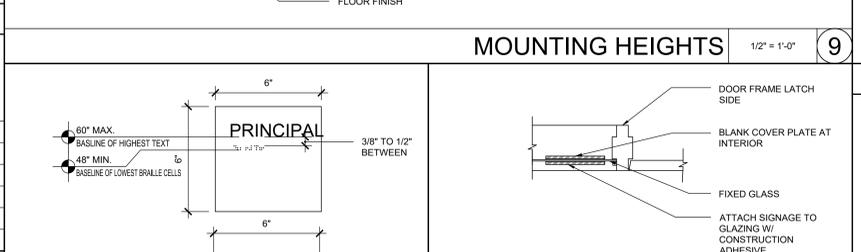
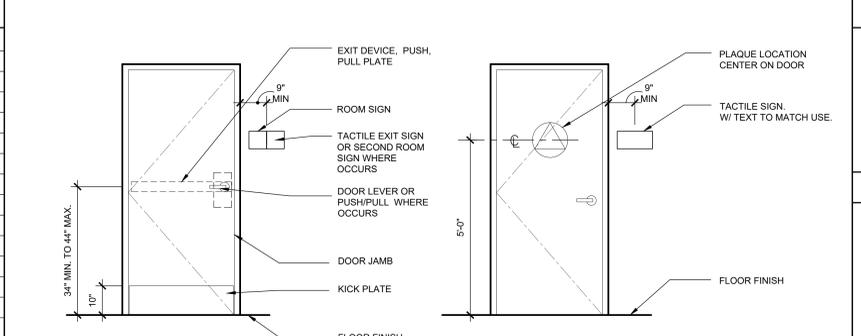


| FINISH MATERIALS | | | | |
|------------------|---------------|--|------------------------------|-------------|
| FINISH LOCATION | FINISH SYMBOL | FINISH TYPE | MANUFACTURER | NOTES |
| CEILING | (ACP-1) | ACOUSTICAL CEILING PANELS | ARMSTRONG (KITCHEN ZONE) | WHITE |
| | (P-1) | PAINT FIELD | KELLY MOORE | PICK COLORS |
| | (P-3) | PAINT EXPOSED METALS (BEAMS & DUCTWORK) | KELLY MOORE | PICK COLORS |
| WALL | (P-1) | PAINT FIELD | KELLY MOORE | PICK COLORS |
| | (P-2) | PAINT ACCENT (OR TRIM) | KELLY MOORE | PICK COLORS |
| | (C-1) | PAINTED CONCRETE PANELS | CTU | PICK COLORS |
| | (FRP-1) | FIBERGLASS REINFORCED PLASTIC - SMOOTH O/ GYP. BD. | MARLITE | PICK COLORS |
| | (FRP-2) | FIBERGLASS REINFORCED PLASTIC - PEBBLE TEXTURE O/ GYP. BD. | MARLITE | PICK COLORS |
| BASE | (E-1) | EPOXY FLOORING | DEX-O TEX CHEMINERT K | PICK COLORS |
| | (RB-1) | 6" RUBBER BASE | BURKE INDUSTRIES, TYPE TS | PICK COLORS |
| FLOOR | (E-1) | EPOXY FLOORING | DEX-O TEX CHEMINERT K | PICK COLORS |
| | (SC-1) | SEALED CONCRETE | SCOFIELD SYSTEMS, CURESEAL-W | SEMI-GLOSS |

| ROOM FINISH SCHEDULE | | | | | | | | | |
|----------------------|------------------|-------|------|-------|-------|-------|-------|----------|----------------|
| KEY | TYPICAL ROOM | FLOOR | BASE | WALLS | | | | CEILING | REMARKS |
| | | | | NORTH | EAST | SOUTH | WEST | | |
| A | CUSTODIAL | E-1 | E-1 | C-1 | FRP-2 | FRP-2 | C-1 | ACP-1 | 1, 2, 3 & 4 |
| B | CONCESSION | E-1 | E-1 | FRP-1 | FRP-1 | C-1 | C-1 | ACP-1 | 1, 2, 3 & 4 |
| C | MEN'S RESTROOM | E-1 | E-1 | C-1 | C-1 | FRP-2 | FRP-2 | P-1, P-3 | 1, 2, 3, 4 & 5 |
| D | WOMEN'S RESTROOM | E-1 | E-1 | FRP-1 | C-1 | C-1 | FRP-2 | P-1, P-3 | 1, 2, 3, 4 & 5 |
| E | TICKET BOOTH | SC-1 | RB-1 | FRP-2 | FRP-2 | FRP-2 | FRP-2 | P-1, P-3 | 1, 2, & 3 |



SIGN TYPES 3" = 1'-0" 8



GENERAL NOTES

- MAXIMUM UNDERCUT OF RATED DOORS SHALL BE 1/2".
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 5 POUNDS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AT CENTER PLANE OF SLIDING OR FOLDING DOORS, COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS TO ACHIEVE POSITIVE LATCHING, BUT NOT TO EXCEED 15LBS. MAX.
- ALL FIRE-RATED DOORS SHALL BE AUTOMATIC CLOSING OR SELF CLOSING AS PROVIDED IN SECTION 713.6 (f) (CBC). IN ADDITION, SEE SECTION 713.2, 713.3, 713.4 FOR SPECIAL PROVISIONS RELATING TO FIRE DOORS.
- FURNISH AND INSTALL DISSIMILAR METAL SEPARATION AT FRAME AND DOOR, AT HINGE AND FRAME, AND AT ATTACHING SCREWS AND FRAME.
- EXIT DOORS: OPENABLE AT ALL TIMES FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- FIRE-RATED OPENINGS: FURNISH AND INSTALL HARDWARE IN COMPLIANCE WITH THE CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, PART 2, CALIFORNIA BUILDING CODE AND NFPA STANDARD NO. 80. THIS REQUIREMENT TAKES PRECEDENCE OVER THE REQUIREMENTS FOR SUCH HARDWARE.
- FURNISH AND INSTALL ONLY HARDWARE WHICH HAS BEEN TESTED AND LISTED BY UNDERWRITERS' LABORATORIES, FACTORY MUTUAL, OR OTHER TESTING AGENCY ACCEPTABLE TO THE STATE FIRE MARSHAL FOR THE TYPE AND SIZE OF EACH DOOR REQUIRED, AND COMPLIES WITH THE REQUIREMENTS OF THE DOOR AND DOOR FRAME LABELS. FURNISH AND INSTALL LATCHING HARDWARE: DOOR CLOSER, BALL BEARING HINGES, AND SEALS WHETHER LISTED IN THE FINISH HARDWARE SCHEDULE OR NOT.
- WHERE PANIC EXIT DEVICES ARE REQUIRED ON FIRE-RATED DOORS, FURNISH AND INSTALL SUPPLEMENTARY MARKING ON DOOR LABEL INDICATING "FIRE DOOR TO BE EQUIPPED WITH FIRE EXIT HARDWARE" AND FURNISH AND INSTALL LABEL ON EXIT DEVICE INDICATING "FIRE EXIT HARDWARE".
- FLOOR STOPS ARE NOT PERMITTED IN ANY PATH OF TRAVEL.
- DOUBLE DOORS TO BE EQUIPPED W/ 90° DOOR SWING LIMITER.
- ALL DOORS ARE 1 3/4" THICK

WINDOW GENERAL NOTES

- ALL OVERALL DIMENSIONS CORRESPOND TO WINDOW FINISHED SIZE, SEE MANUFACTURER DRAWINGS FOR ROUGH OPENINGS.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO COORDINATE ROUGH OPENING SIZE WITH REQUIRED SHIM SPACES AND FINISH FRAME DIMENSION.
- ALL ROUGH OPENING DIMENSIONS SHALL BE FIELD VERIFIED PRIOR TO WINDOW FABRICATION.
- SAFETY GLAZING REQUIRED WHEN BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60-INCHES ABOVE THE WALKING SURFACE

FINISH NOTES

- APPLY CONCRETE VAPOR CONTROL BARRIER TO CONCRETE SLAB SUBSTRATE UNDER FINISH FLOORING

SIGNAGE NOTES

- SEE DETAIL 9/A6.00 FOR MOUNTING HTS. AND SIGNAGE LOCATIONS
- SEE DETAIL 18/A8.00 FOR BRAILLE REQUIREMENTS
- FOR SIGNAGE NOT INDICATING TEXT ALLOW FOR 12 LETTERS/NUMBERS
- VERIFY ALL SIGN TEXT, COLOR, AND GRAPHICS WITH ARCHITECT PRIOR TO FABRICATION OF ALL SIGNS

SHEET TITLE

SCHEDULES

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

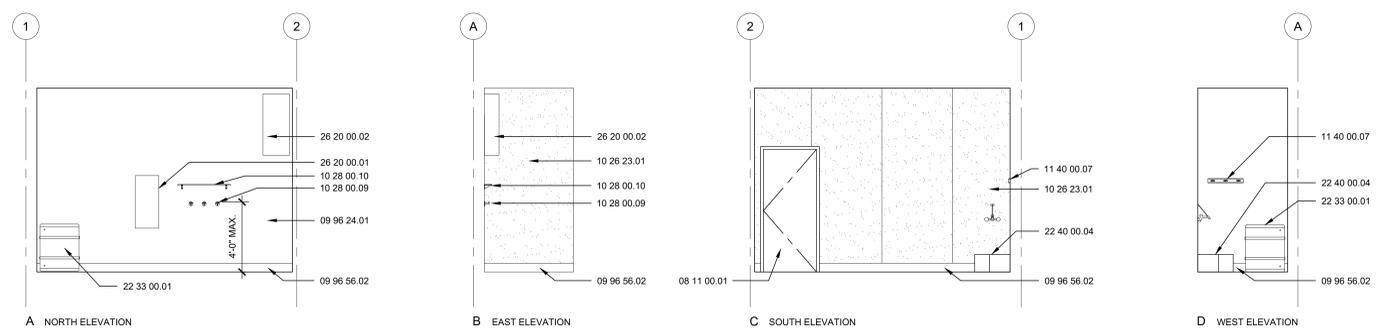
| LEGEND | | |
|--------|--------------------------|------|
| NO. | REVISIONS | DATE |
| AL | ALUMINUM | |
| CA | CLEAR ANNOZIDED | |
| FA | FACTORY APPLIED FINISH | |
| GL | GALVANIZED | |
| HM | HOLLOW METAL | |
| IG | INSULATED GLAZING | |
| L | LAMINATED SAFETY GLASS | |
| NR | NON RATED | |
| PH | PANIC HARDWARE | |
| PTG | PAINT SEMI-GLOSS FINISH | |
| STL | STEEL | |
| T | TEMPERED GLASS | |
| T/I | TEMPERED INSULATED GLASS | |

FINISH SYMBOL PL-1

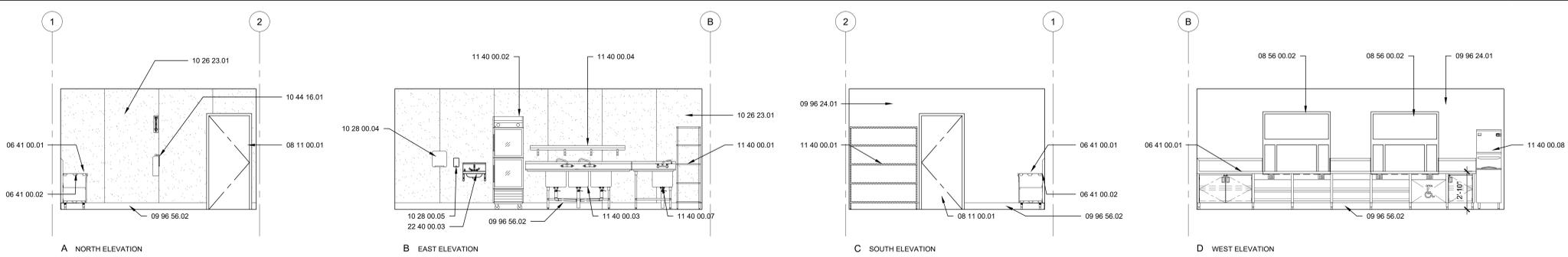


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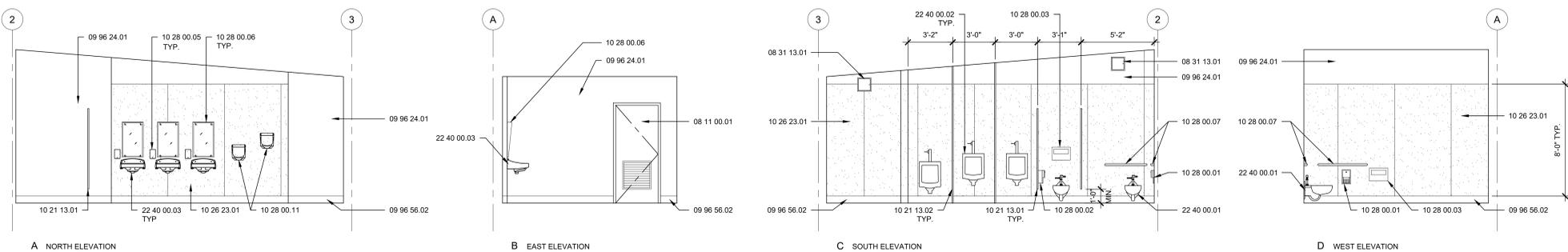
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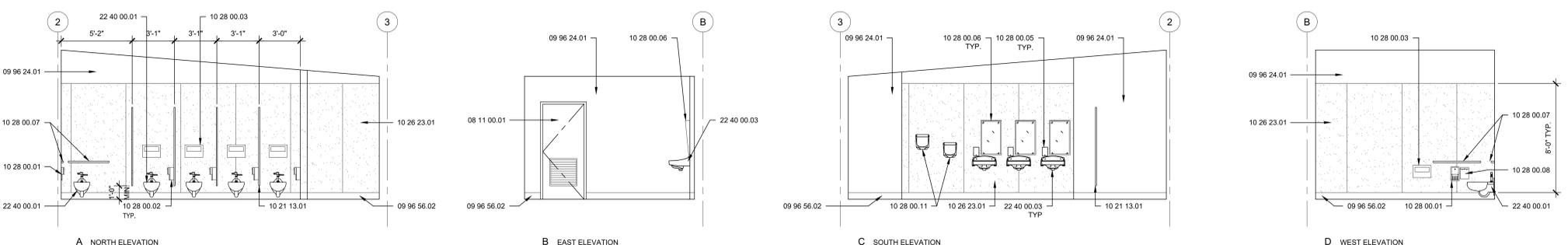
CUSTODIAL 101 1/4" = 1'-0" 6



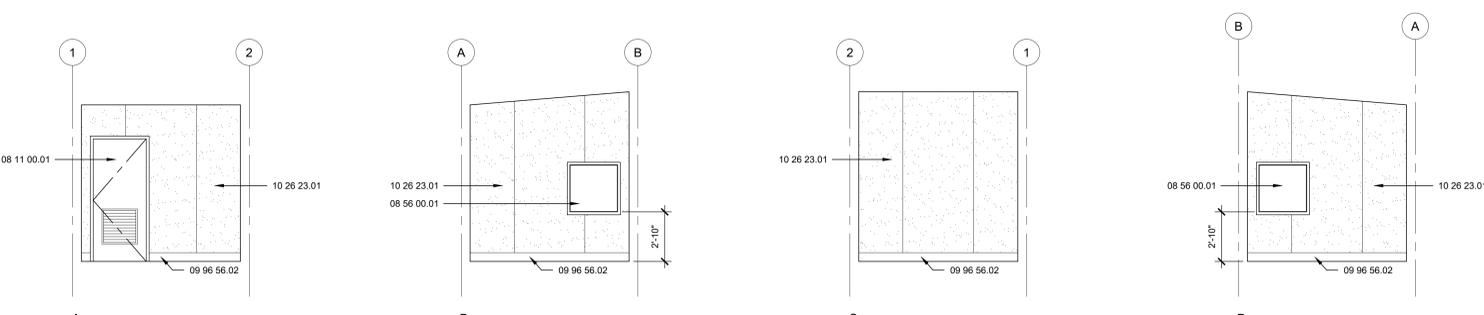
CONCESSION 102 1/4" = 1'-0" 7



MEN'S RESTROOM 103 1/4" = 1'-0" 8



WOMEN'S RESTROOM 104 1/4" = 1'-0" 9

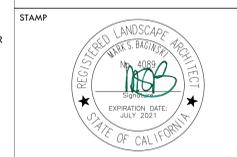


TICKET BOOTH 105 1/4" = 1'-0" 10

REFERENCE KEYNOTES

- 06 41 00.02 - STAINLESS STEEL COUNTERTOP, SEE FOOD SERVICE DWGS.
- 06 41 00.02 - STAINLESS STEEL COUNTERTOP SUPPORT, SEE FOOD SERVICE DWGS.
- 08 11 00.01 - METAL DOOR AND FRAME, SEE SPECIFICATIONS
- 08 31 13.01 - 10" X 10" STEEL ACCESS PANEL (SEE DTL 7/A8.22)
- 08 56 00.01 - TICKET BOOTH WINDOW WITH TRAY, WEEP HOLES AND SECURITY SCREEN
- 08 56 00.02 - SELF-CLOSING CONCESSION STAND PASS THRU WINDOW
- 09 96 24.01 - PAINT - SURFACE FINISH PER FINISH SCHEDULE
- 09 96 56.02 - 6" HIGH TROWLED EPOXY COVE BASE W/ 5/8" RADIUS COVE TRANSITION (SEE DTL 5/A8.22)
- 10 21 13.01 - SOLID COLOR REINFORCED COMPOSITE TOILET COMPARTMENT (SEE DTL 10 & 12/A8.30)
- 10 21 13.02 - SOLID COLOR REINFORCED COMPOSITE URINAL SCREEN W/ FLOOR-TO-CEILING SUPPORT POST (SEE DTL 10 & 13/A8.30)
- 10 26 23.01 - FIBERGLASS REINFORCED PANELS
- 10 28 00.01 - ACCESSIBLE STALL TOILET PAPER DISPENSER (SEE DTL 4/A8.30)
- 10 28 00.02 - STANDARD STALL TOILET PAPER DISPENSER (SEE DTL 4/A8.30)
- 10 28 00.03 - SURFACE MOUNTED TOILET SEAT COVER DISPENSER (SEE DTL 4/A8.30)
- 10 28 00.04 - SURFACE MOUNTED PAPER TOWEL DISPENSER, MAX. 4" PROTRUSION FROM WALL (SEE DTL 4/A8.30)
- 10 28 00.05 - SURFACE MOUNTED LIQUID SOAP DISPENSER (SEE DTL 4/A8.30)
- 10 28 00.06 - 18" X 30" MIRROR (SEE DTL 4/A8.30)
- 10 28 00.07 - 1 1/2" DIAMETER STAINLESS STEEL GRAB BAR (SEE DTL 5 & 4/A8.30)
- 10 28 00.08 - SURFACE MOUNTED SANITARY NAPKIN DISPOSAL (SEE DTL 4/A8.30)
- 10 28 00.09 - HEAVY DUTY ROBE HOOK, BOBRICK B-211
- 10 28 00.10 - STAINLESS STEEL SHELF, BOBRICK B-295
- 10 28 00.11 - ELECTRIC HAND DRYERS, VERDIRY MODEL Q-974A BY WORLD DRYER
- 10 44 16.01 - FIRE EXTINGUISHER ON STEEL BRACKET, MAX. 4" PROTRUSION IF BOTTOM IS ABOVE 27" A.F.F. (SEE DTL 6/A8.22)
- 11 40 00.01 - STORAGE SHELVES, SEE FOOD SERVICE DWGS.
- 11 40 00.02 - REACH IN REFRIGERATOR, SEE FOOD SERVICE DWGS.
- 11 40 00.03 - THREE COMPARTMENT SINK, SEE FOOD SERVICE DWGS.
- 11 40 00.04 - WALL MOUNTED SHELF, SEE FOOD SERVICE DWGS.
- 11 40 00.05 - AIR CURTAIN - UNHEATED, SEE FOOD SERVICE DWGS.
- 11 40 00.07 - PREP SINK (SEE FOOD SERVICE & PLUMBING DWGS)
- 11 40 00.08 - ICE MAKER W/ BIN (SEE FOOD SERVICE DWGS)
- 22 33 00.01 - ELECTRIC WATER HEATER, SEE PLUMBING DWGS. DTL 3/P.2
- 22 40 00.01 - WATER CLOSET (SEE PLUMBING DWGS AND DTL 15/A8.30)
- 22 40 00.02 - URINAL (SEE PLUMBING DWGS AND DTL 4/A8.30)
- 22 40 00.03 - WALL HUNG LAVATORY (SEE PLUMBING DWGS AND DTL 9 & 14/A8.30)
- 22 40 00.04 - SERVICE SINK (SEE PLUMBING DWGS AND DTL 2/A8.22)
- 26 20 00.01 - ELECTRICAL PANELS (SEE ELEC. DWGS.)
- 26 20 00.02 - IDF (SEE ELEC. DWGS.)

GENERAL NOTES



SHEET TITLE
INTERIOR ELEVATIONS

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

| NO. | REVISIONS | DATE |
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DRAWN BY: **IB** CHECKED BY: **BG**

DATE ISSUED: **01/20/2021** SCALE: **AS NOTED**

PROJ. NO.: **1819500**

SHEET NO.: **A7.50**

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 APP: 02-118588 INC.
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 DATE: 01/20/2021

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
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 Tel: 916-415-6554
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 www.VerdeDesignInc.com



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CONSULTANT

SHEET TITLE

PARTITION TYPES

PROJECT NAME
**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

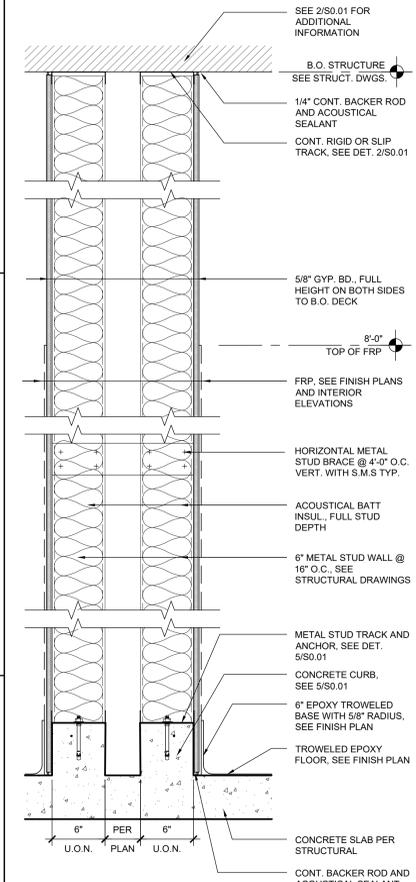
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**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

| SUBMITTAL | DATE |
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| 50% SUBMITTAL | 08/13/2020 |
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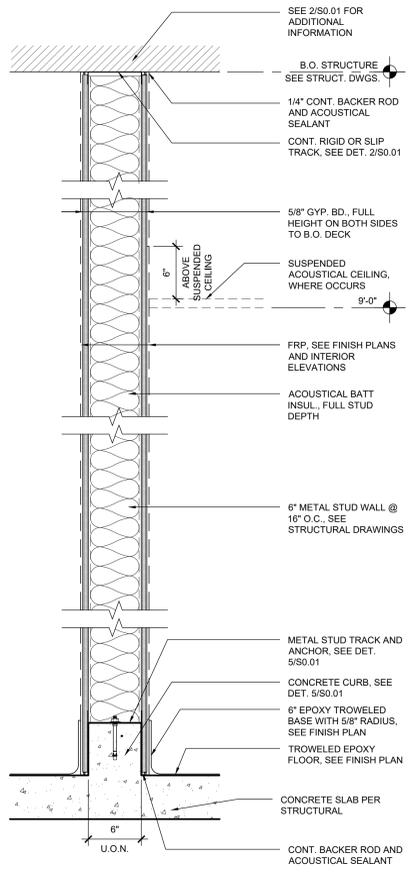
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| DRAWN BY IB | CHECKED BY BG |
| DATE ISSUED 01/20/2021 | SCALE AS NOTED |
| PROJ. NO. 1819500 | |

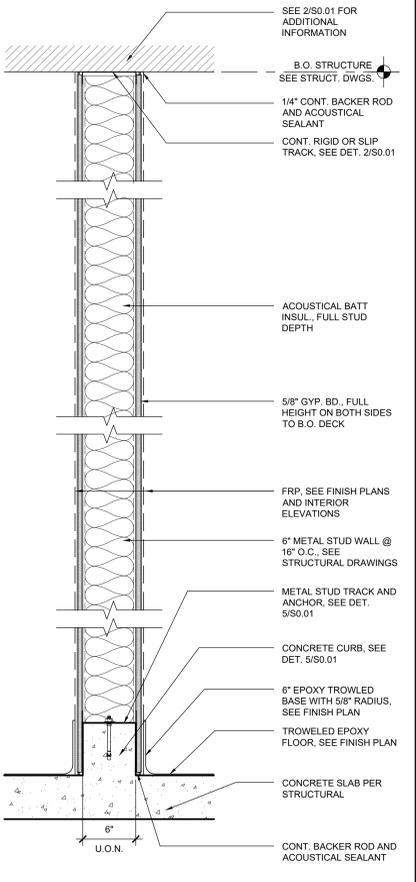
SHEET NO.
A8.00



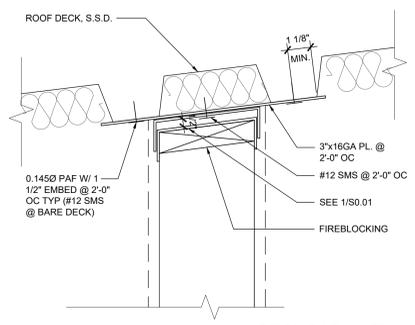
WALL TYPE C 1 1/2" = 1'-0" **13**



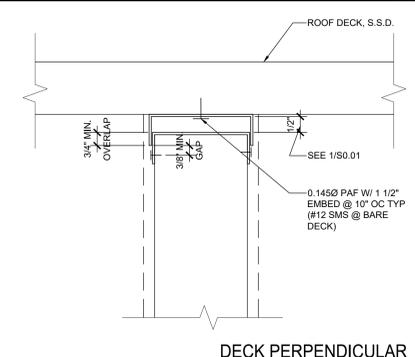
WALL TYPE B 1 1/2" = 1'-0" **8**



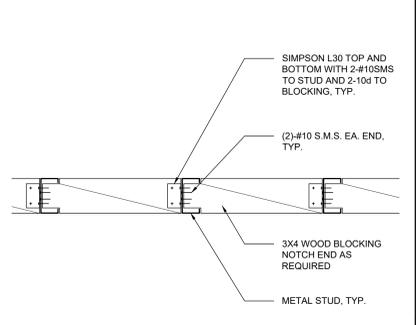
WALL TYPE A 1 1/2" = 1'-0" **3**



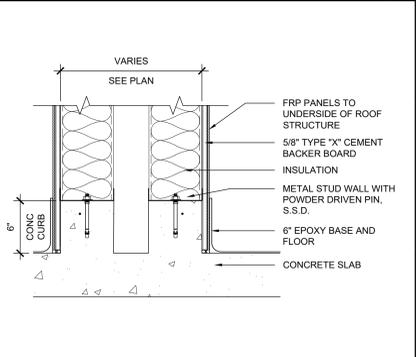
WALL HEAD AT DECK 3" = 1'-0" **9**



WALL HEAD AT ROOF 3" = 1'-0" **10**



TYP. BACKING PLATE 1 1/2" = 1'-0" **4**



PLUMBING CHASE WALL 1 1/2" = 1'-0" **5**

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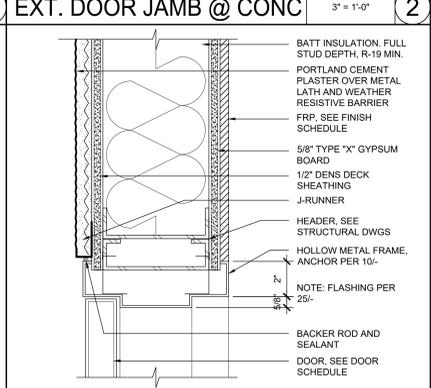
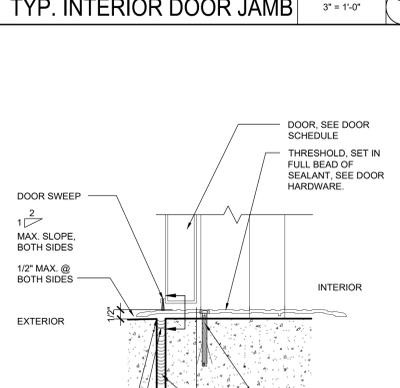
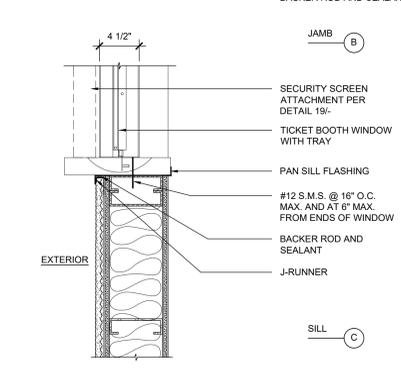
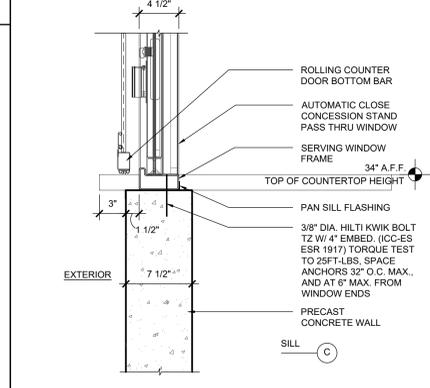
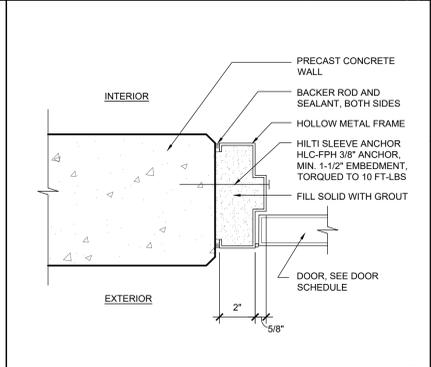
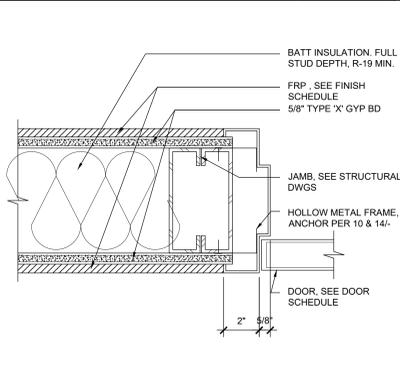
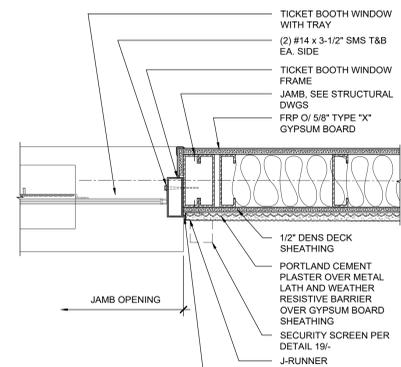
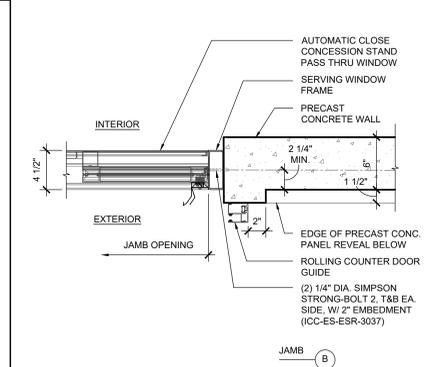
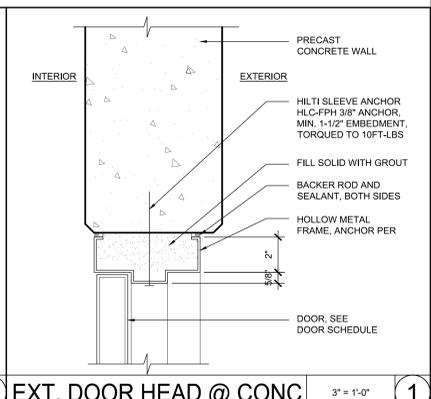
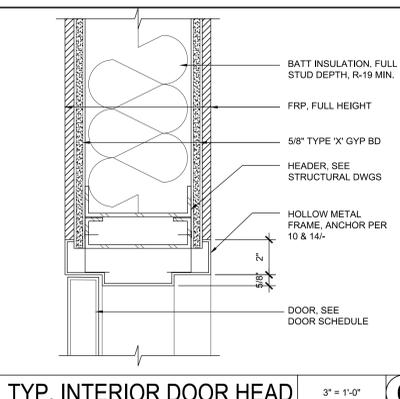
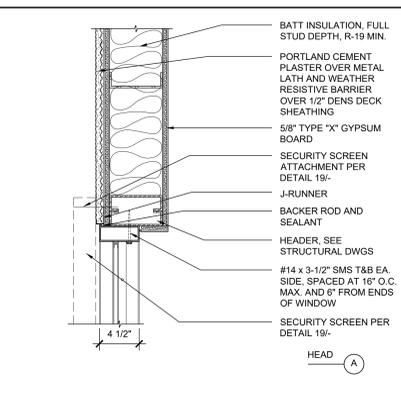
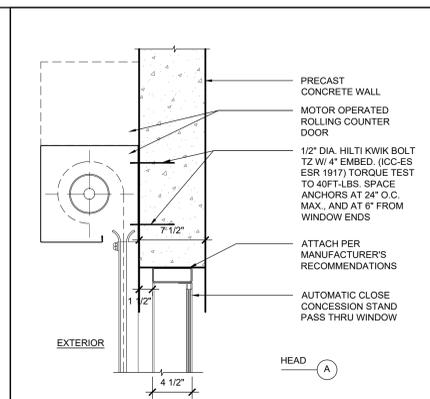
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 1843 Iron Point Rd., Suite 140
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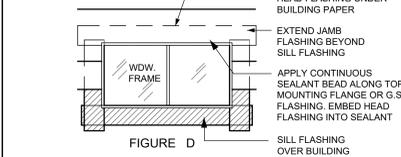
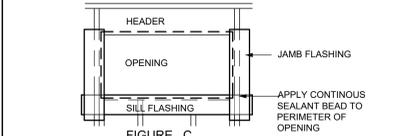
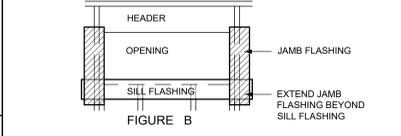
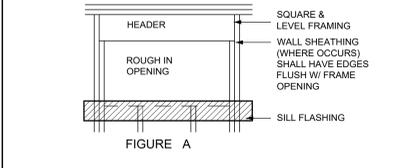
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 EXPIRATION DATE: 06/30/2021

LICENSED ARCHITECT
 STATE OF CALIFORNIA
 No. C 30345
 Exp. 9/30/21

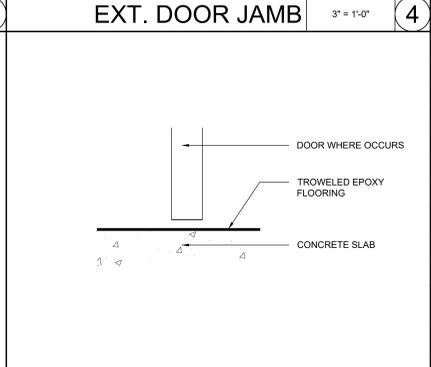
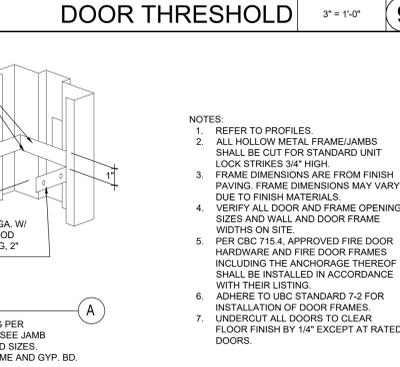
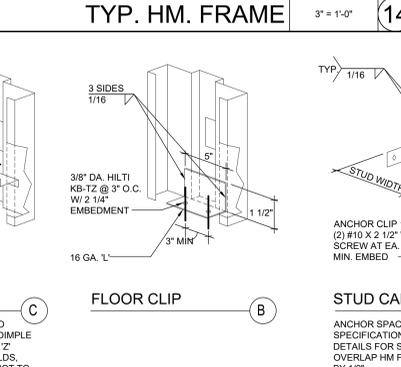
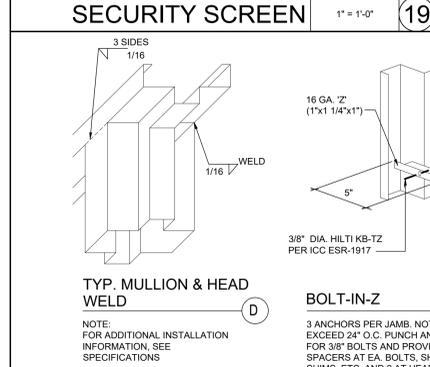
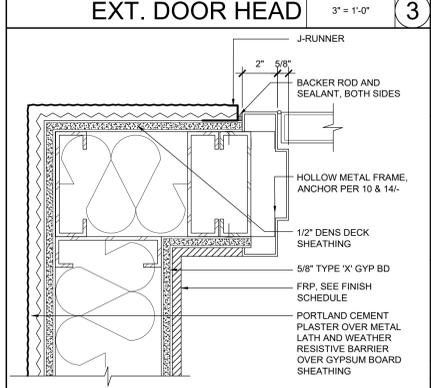
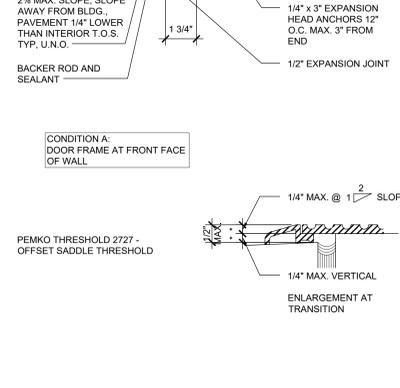
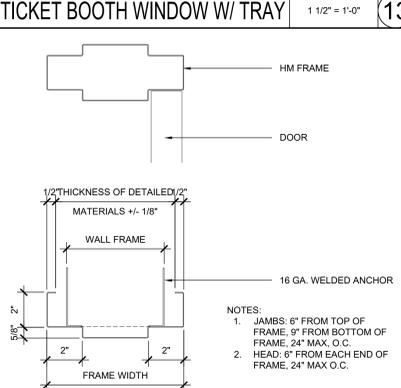
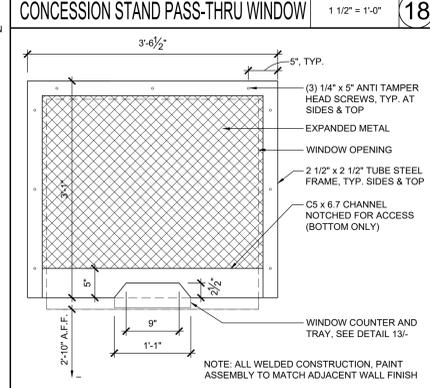


INDIVIDUALLY FLASH ALL EXTERIOR OPENINGS FOR FIXTURES SUCH AS WINDOWS, DOORS, AND VENTS TO MAKE THEM WATER TIGHT. PENETRATION FLASHING MATERIAL SHALL BE BARRIER COATED REINFORCED AND SHALL PROVIDE A HOUR MIN. PROTECTION FROM WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH ASTM D-779. SEALANT SHALL COMPLY TO FF T-S-1657. IN HIGH WIND AREAS A WATERPROOF SHEET MEMBRANE SHALL BE USED OVER SOLID BACKING.
 FOR NAIL-ON-FLANGE TYPE FIXTURES A STRIP OF APPROVED FLASHING MATERIAL SHOULD BE AT LEAST 9" WIDE. FLASHING SHALL BE APPLIED IN A WEATHERBOARD FASHION AROUND THE FULL PERIMETER OF THE OPENING.
 APPLY THE FIRST STRIP HORIZONTALLY IMMEDIATELY BELOW THE SILL. CUT IT SUFFICIENTLY LONG TO EXTEND PAST EACH SIDE OF THE WINDOW, SO THAT IT PROJECTS BEYOND THE VERTICAL FLASHING TO BE APPLIED LATER. FASTEN THE TOP EDGE OF THE SILL FLASHING TO THE FRAMING, BUT DO NOT FASTEN THE LOWER EDGE, SO THE WEATHER-RESISTIVE BARRIER APPLIED LATER MAY BE SLIPPED UP AND UNDERNEATH THE FLASHING IN WEATHERBOARD FASHION. (SEE FIGURE A)
 NEXT, FASTEN STRIPS OF FLASHING AT EACH VERTICAL EDGE (JAMB) OF THE OPENING. RUN THIS FLASHING BEYOND THE SILL FLASHING AND ABOVE WHERE THE HEAD FLASHING WILL INTERSECT. (SEE FIGURE B)
 APPLY A CONTINUOUS SEAL TO THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE NEAR THE OUTER EDGE OR A CONTINUOUS SEAL TO THE PERIMETER OF THE OPENING AT A POINT TO ASSURE CONTACT WITH THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE. (SEE FIGURE C)
 FOR FIXTURES WITH OUT A NAIL-ON-FLANGE THE FLASHING SHALL BE 12" MIN. WIDE AND EXTEND INTO THE ROUGH FRAME AT THE SILL AND JAMB IN A WEATHERBOARD FASHION.
 THE FIXTURE SHALL THEN BE INSTALLED.
 NEXT, APPLY A CONTINUOUS SEAL AT THE TOP (HEAD) MOUNTING FLANGE OR G.S.M. HEAD FLASHING AND EMBED THE BOTTOM OF THE HEAD FLASHING OVER THE SEALANT AND THE MOUNTING FLANGE OR G.S.M. FLASHING. CUT THIS FLASHING SUFFICIENTLY LONG SO THAT IT WILL EXTEND BEYOND EACH JAMB FLASHING. FASTEN IN PLACE. (SEE FIGURE D)

APPLY REMAINING WEATHER-RESISTIVE BARRIER IN A WEATHERBOARD FASHION WITH THE SILL FLASHING LAPPING OVER THE TOP, AND THE HEAD AND JAMB FLASHING BELOW.
 BASED UPON INDUSTRY STANDARDS APPROVED BY THE CALIFORNIA ASSOCIATION OF WINDOW MANUFACTURERS, (CAWM).



FLASHING @ EXT. WALL 1/4" = 1'-0" 25



TYP. HM. DOOR AND FRAME DETAILS N.T.S. 10

FLOOR TRANSITION 3" = 1'-0" 5

STAMP

CONSULTANT

SHEET TITLE

WINDOW AND DOOR DETAILS

PROJECT NAME

**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

PROJECT ADDRESS

**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL DATE

50% SUBMITTAL 08/13/2020

DSA SUBMITTAL 10/15/2020

DSA BACKCHECK SUBMITTAL 01/20/2021

NO. REVISIONS DATE

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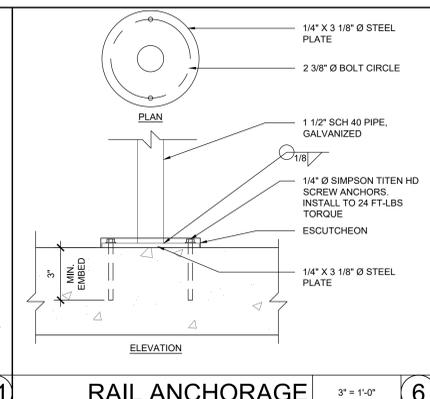
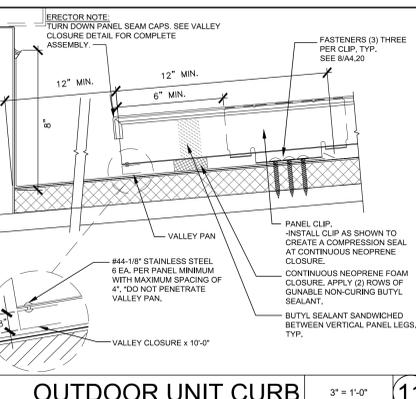
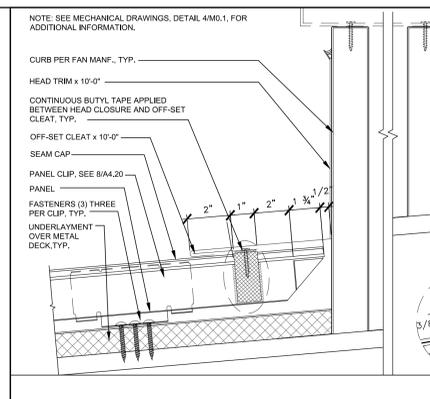
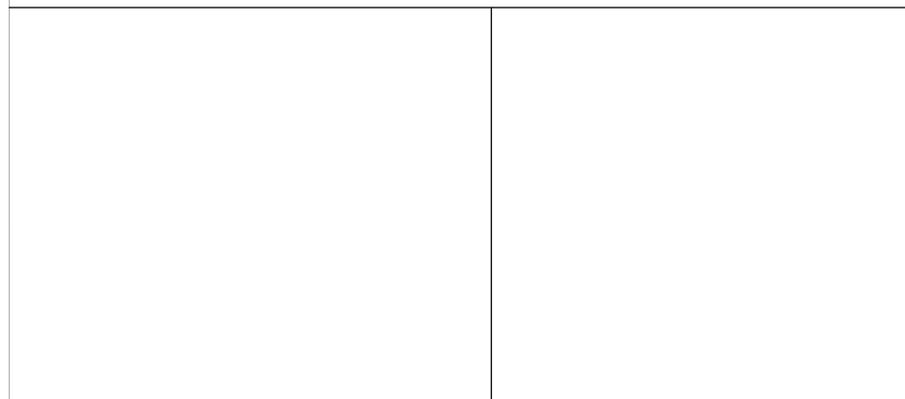
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DATE ISSUED 01/20/2021 SCALE AS NOTED

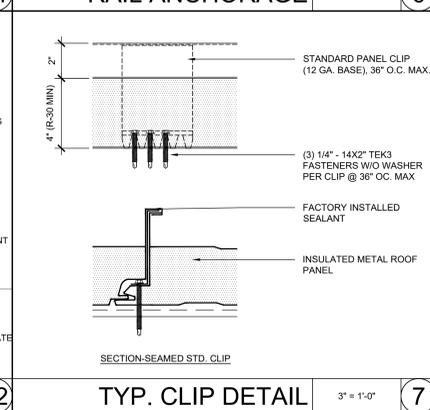
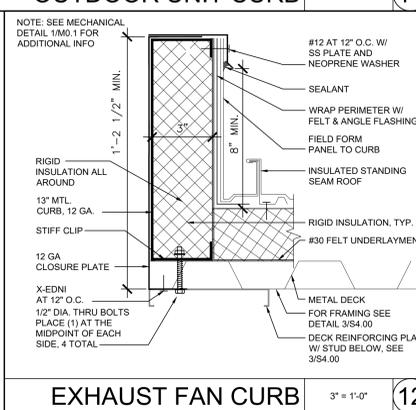
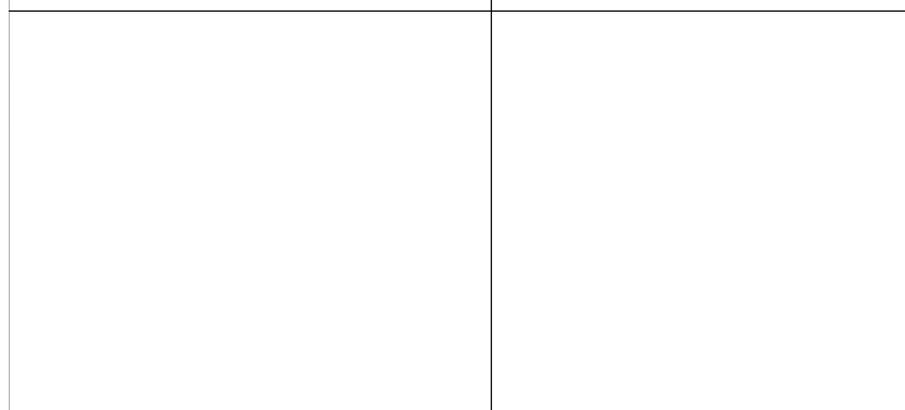
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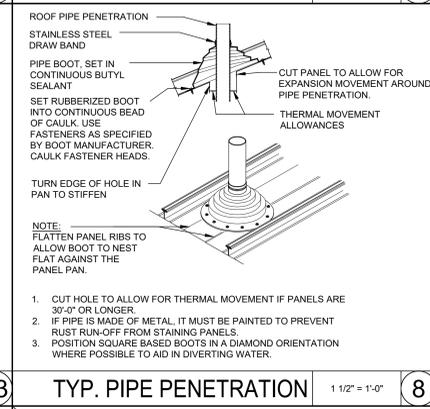
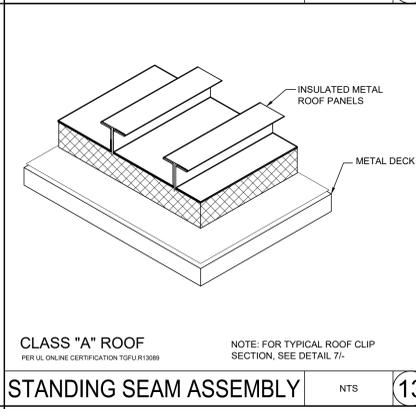
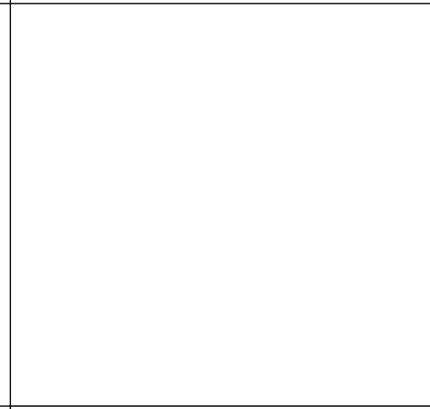
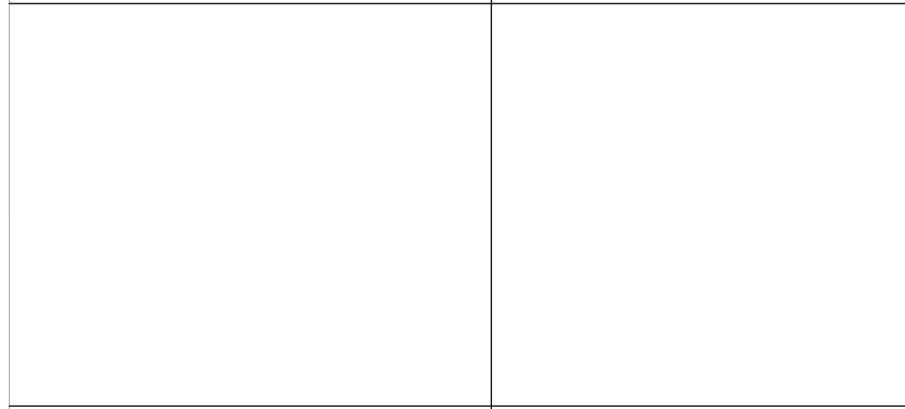
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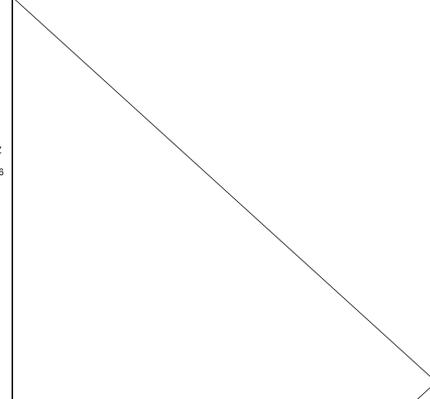
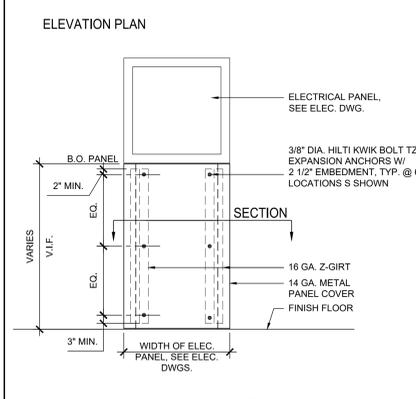
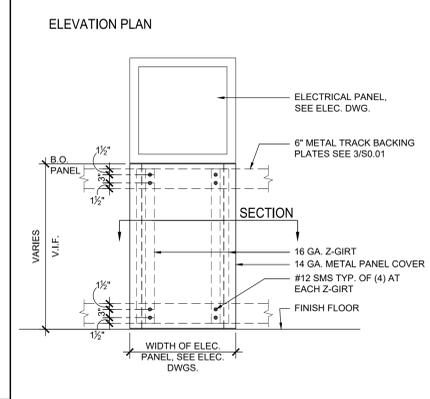
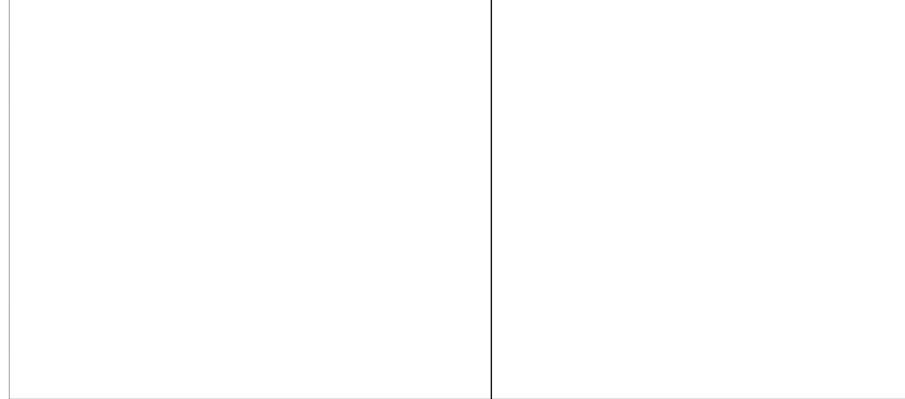
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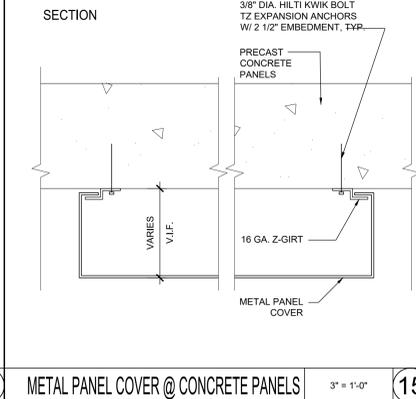
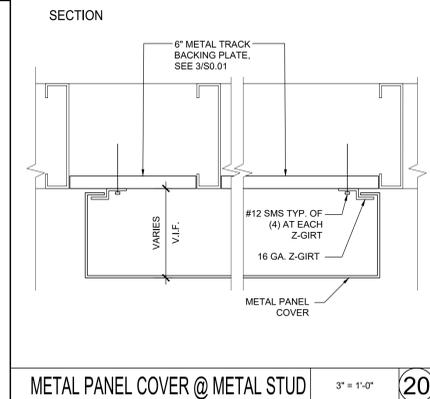
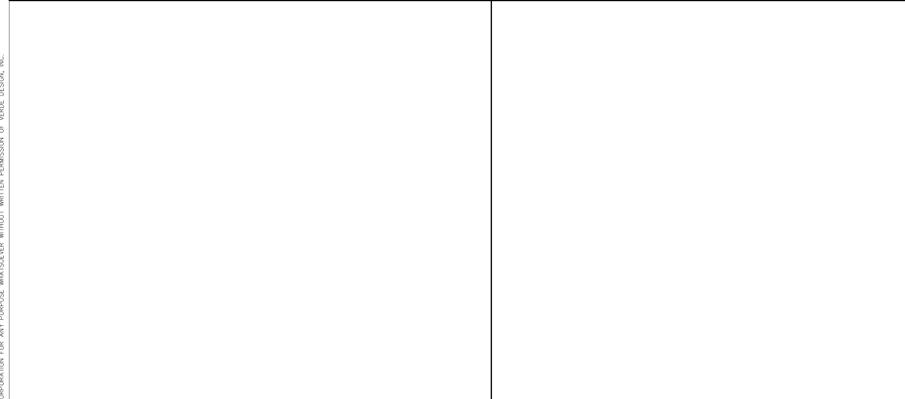
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 DIV. OF THE STATE ARCHITECT
 APP: 02-118588 INC.
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VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
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 1843 Iron Point Rd, Suite 140
 Folsom, CA 95630
 tel: 916-415-6554
 fax: 916-415-6555
 www.VerdeDesignInc.com

REGISTERED LANDSCAPE ARCHITECT
 W. B. BARKER
 No. 4085
 EXPIRATION DATE: JULY 2021
 STATE OF CALIFORNIA

REGISTERED ARCHITECT
 J. W. WATSON
 No. C 30345
 Exp. 9/30/21
 STATE OF CALIFORNIA

STAMP

CONSULTANT

SHEET TITLE

EXTERIOR DETAILS

PROJECT NAME

MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS

7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621

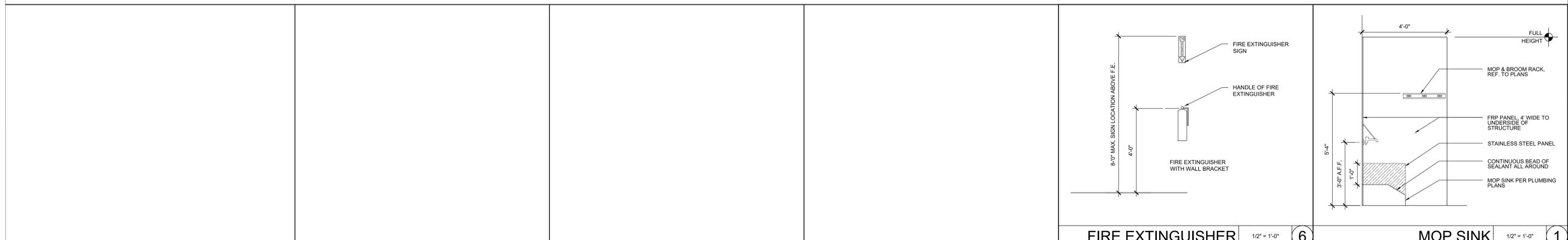
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|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

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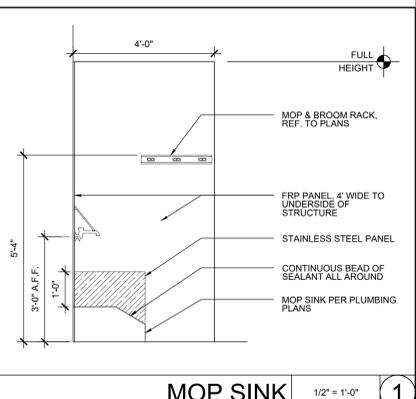
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 DATE ISSUED: 01/20/2021
 SCALE: AS NOTED
 PROJ. NO.: 1819500

SHEET NO. A8.21

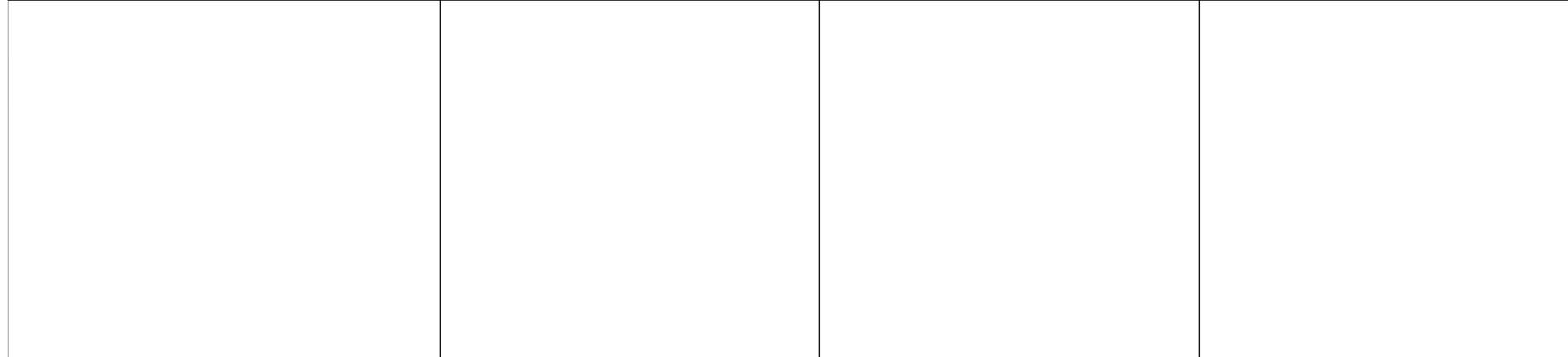
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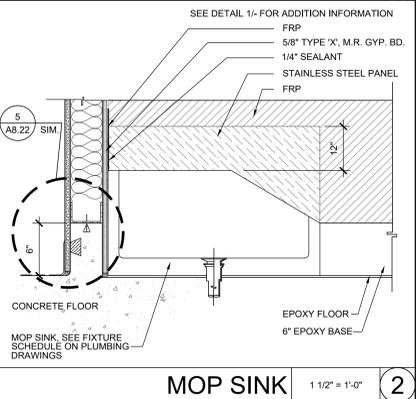
FIRE EXTINGUISHER 1/2" = 1'-0" **6**



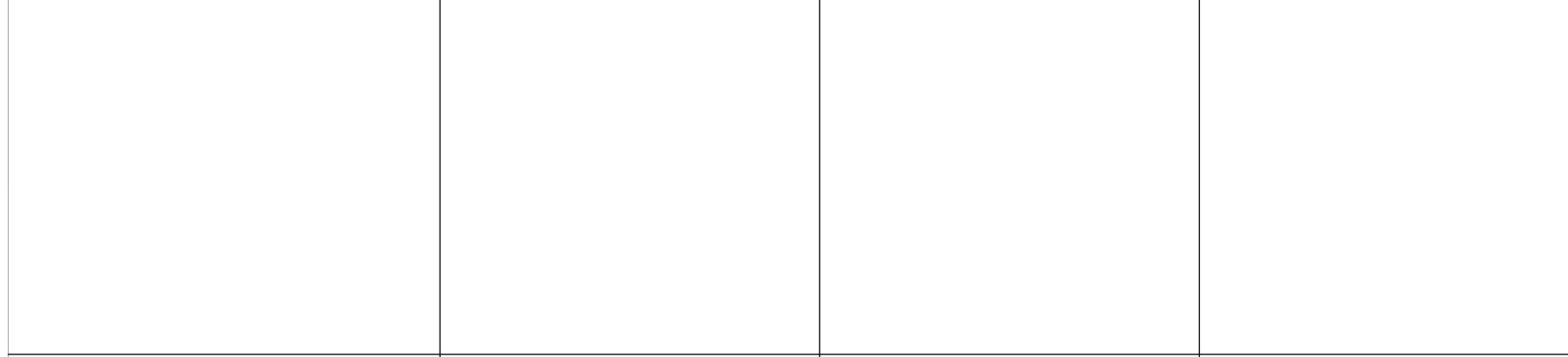
MOP SINK 1/2" = 1'-0" **1**



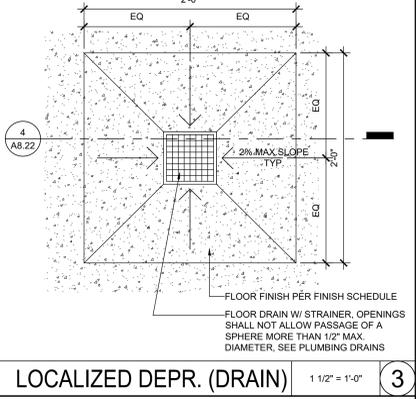
ACCESS PANEL 3" = 1'-0" **7**



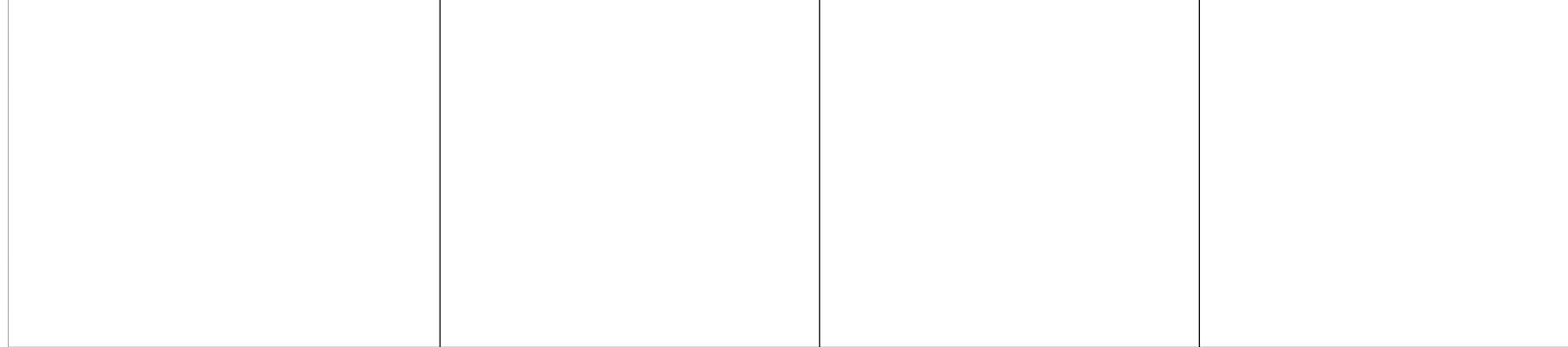
MOP SINK 1 1/2" = 1'-0" **2**



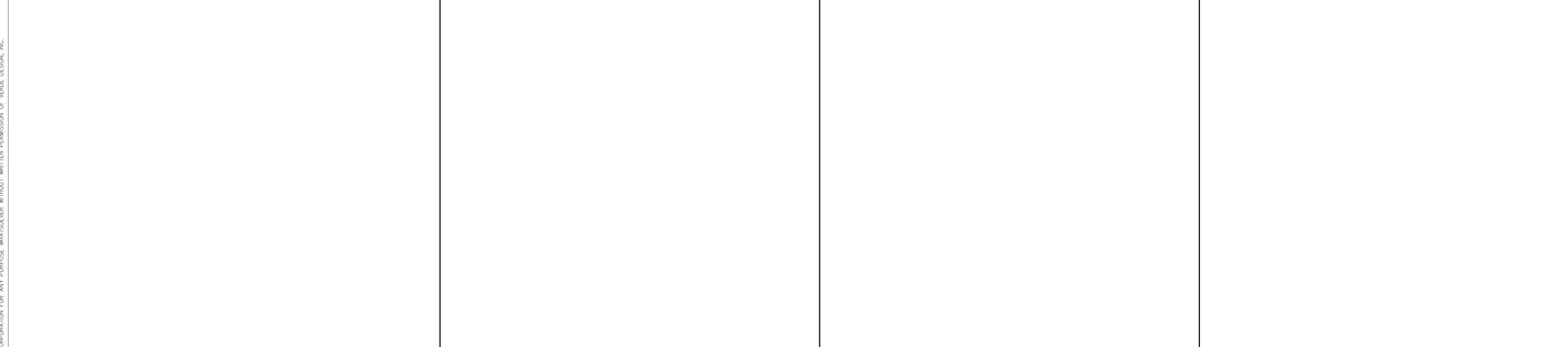
CORNER GUARD 1'-0" = 1'-0" **8**



LOCALIZED DEPR. (DRAIN) 1 1/2" = 1'-0" **3**



FLR DRAIN AT EPOXY FLR. 3" = 1'-0" **4**



EPOXY COVE BASE 3" = 1'-0" **5**

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 WESLEY BARKER
 No. 4082
 EXPIRATION DATE: 08/07/2021
 STATE OF CALIFORNIA

CONSULTANT
 LICENSED ARCHITECT
 WALTER WHITMORE
 No. C 30345
 Exp. 9/30/21
 STATE OF CALIFORNIA

SHEET TITLE: **INTERIOR DETAILS**

PROJECT NAME: **MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS**

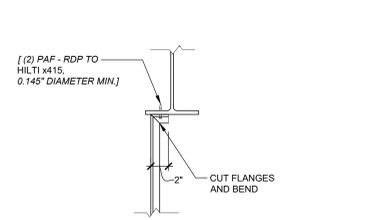
PROJECT ADDRESS: **7501 CARRIAGE DRIVE CITRUS HEIGHTS, CA 95621**

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

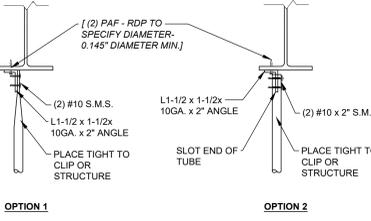
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| DRAWN BY: IB | CHECKED BY: BG |
| DATE ISSUED: 01/20/2021 | SCALE: AS NOTED |
| PROJ. NO.: 1819500 | SHEET NO.: A8.22 |

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CHANNEL STRUT



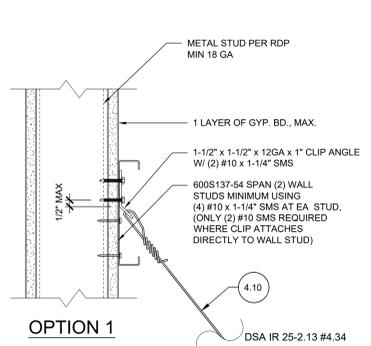
TUBE STRUT

NOTES:

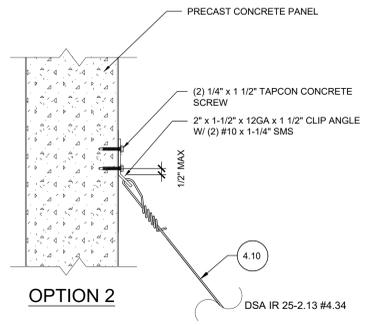
- STRUCTURAL STEEL MEMBER SHALL NOT BE LESS THAN 3/16".
- RDP IN RESPONSIBLE CHARGE, I.O.R. AND CONTRACTOR SHALL VERIFY THAT NO PAF IS INSTALLED IN THE PROTECTED ZONE OF ANY STEEL MEMBER. SEE ANSIAISC 341-10.
- REFER TO 5.20 AND 5.30 FOR ADDITIONAL INFORMATION.

DSA IR 25-2.13 #5.40

BRACING WIRE CONNECTION 1 1/2" = 1'-0" **4.40**

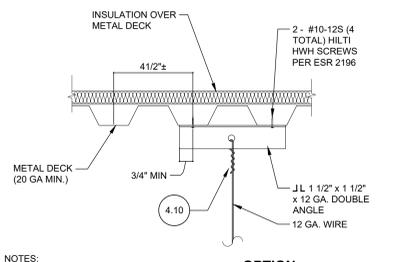


OPTION 1



OPTION 2

BRACING WIRE CONNECTION 3" = 1'-0" **4.34**



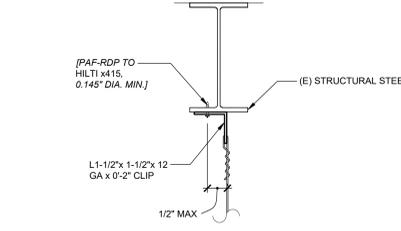
OPTION 1

NOTES:

- REFER TO 4.10 FOR ADDITIONAL DETAILS.
- POST INSTALLED ANCHORS TO BE PLACED NO MORE THAN 1/2" OFFSET FROM CENTERLINE OF DECK LOW FLUTE.
- TEST POST INSTALLED ANCHORS IN ACCORDANCE WITH CEILING NOTE 5.01.

(SIM) DSA IR 25-2.13 #4.21

HANGER WIRE CONNECTION 1 1/2" = 1'-0" **4.21**



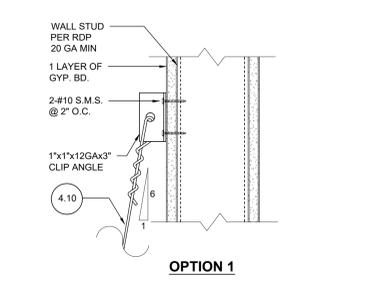
HANGER WIRE

NOTES:

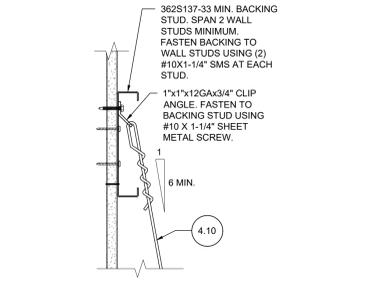
- BEAM FLANGE THICKNESS SHALL NOT BE LESS THAN 3/16".
- RDP IN RESPONSIBLE CHARGE, IOR AND CONTRACTOR SHALL VERIFY THAT NO PAF IS INSTALLED IN THE PROTECTED ZONE OF ANY STEEL MEMBER. SEE ANSIAISC 341-10
- REFER TO 4.10 FOR ADDITIONAL DETAILS

DSA IR 25-2.13 #4.23

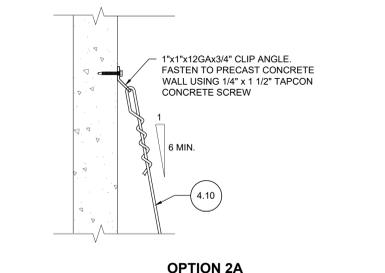
HANGER WIRE CONNECTION TO STRUCTURAL STEEL 1 1/2" = 1'-0" **4.23**



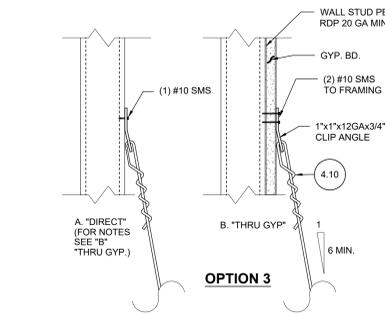
OPTION 2



OPTION 2A



OPTION 3

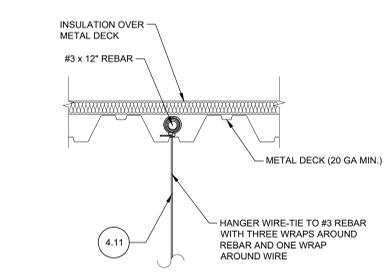


NOTES:

- THIS IS APPLIED FOR PERIMETER WIRE ATTACHMENT OR WHERE OBSTRUCTION PREVENTS ATTACHMENT TO STRUCTURE ABOVE

DSA IR 25-2.13 #4.24

HANGER WIRE CONNECTION 3" = 1'-0" **4.24**

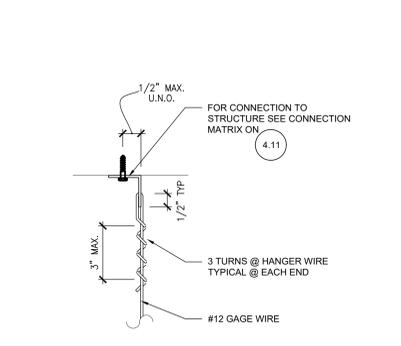


NOTES:

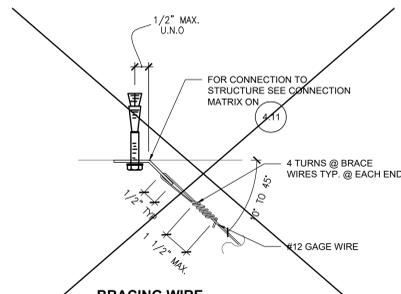
- REFER TO 4.10 FOR ADDITIONAL DETAILS.

DSA IR 25-2.13 #4.20

HANGER WIRE CONNECTION AT METAL DECK 1 1/2" = 1'-0" **4.20**



HANGER WIRE



BRACING WIRE

HANGER AND BRACING WIRE TYPICAL TURNS 3" = 1'-0" **4.10**

| STRUCTURAL CONDITION OF FLOOR/ ROOF ABOVE SUSPENDED CEILING | APPLICABLE HANGER WIRE DETAIL | APPLICABLE BRACING WIRE DETAIL |
|---|-------------------------------|--------------------------------|
| METAL DECK | 4-20 | 4-30 |
| CONCRETE OVER METAL DECK | 4-24 | 4-34 |
| CONCRETE SLAB-BEAM OR JOIST | 4-22 | 4-32 |
| STRUCTURAL STEEL | 4-23 | 4-33 |
| METAL STUD WALL | 4-24 | 4-34 |
| SAWN-TIMBER | 4-25-4-29 | 4-35 |
| WOOD JOIST | 4-26 | 4-36-4-37 |
| WOOD CHORD-TRUSS | 4-27-4-29 | 4-38-4-29 |
| OPEN WEB-STEEL JOIST | 4-28-4-29 | 4-39-4-29 |

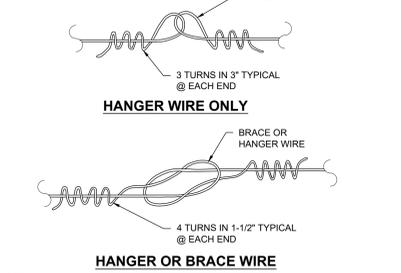
DSA IR 25-2.13 #4.11

WIRE CONNECTION MATRIX NTS **4.11**

| STRUCTURAL CONDITION OF FLOOR/ ROOF ABOVE COMPRESSION STRUT | DETAIL |
|---|--------|
| METAL DECK | 5-20 |
| CONCRETE OVER METAL DECK | 5-24 |
| CONCRETE SLAB-BEAM OR JOIST | 5-30 |
| STRUCTURAL STEEL | 5-40 |
| SAWN-TIMBER WITH GYP/SHIM BOARD | 5-50 |
| SAWN-TIMBER WITHOUT GYP/SHIM BOARD | 5-60 |

DSA IR 25-2.13 #5.10

COMPRESSION STRUT CONNECTION TO STRUCTURE NTS **5.10**



NOTES:

WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.

DSA IR 25-2.13 #6.10

CEILING WIRE SPLICES 3" = 1'-0" **6.10**



SHEET TITLE

CEILING DETAILS

PROJECT NAME

MESA VERDE
HIGH SCHOOL
ATHLETIC FACILITY
IMPROVEMENTS

PROJECT ADDRESS

7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

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DRAWN BY IB **CHECKED BY** BG

DATE ISSUED 01/20/2021 **SCALE** AS NOTED

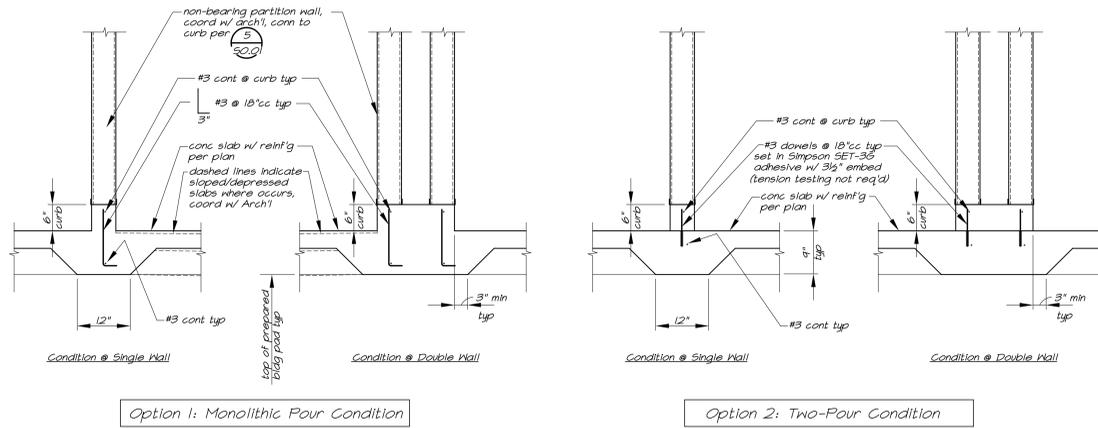
PROJ. NO. 1819500

SHEET NO. **A10.92**

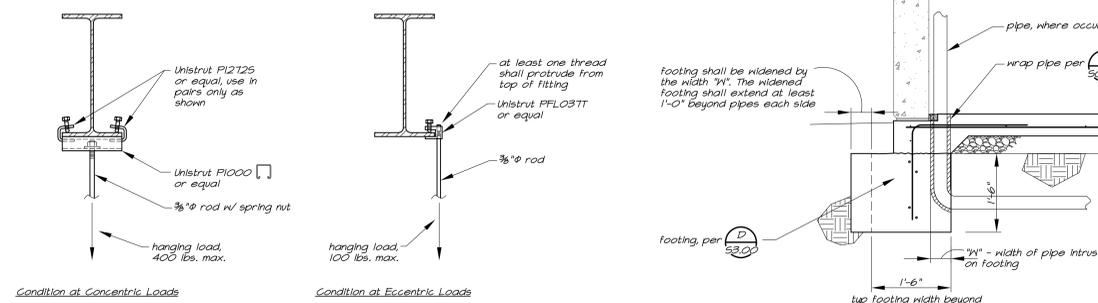
Lightgauge Framing Properties Schedule

| Metal Stud Designation | Depth (in) | Flange Width (in) | Design Thickness (in and Gauge) | A (in ²) | Effective S _x (in ³) | Effective I _x (in ⁴) | Yield Stress (ksi) (uno in Schedules or Details) |
|------------------------|------------|-------------------|---------------------------------|----------------------|---|---|--|
| 3625125-27 | 3 3/8" | 1 1/4" | 0.0283 (22ga) | 0.176 | 0.154 | 0.330 | 33 ksi |
| 3625131-33 | 3 3/8" | 1 3/8" | 0.0346 (20ga) | 0.236 | 0.254 | 0.474 | 33 ksi |
| 3625162-33 | 3 3/8" | 1 3/8" | 0.0346 (20ga) | 0.262 | 0.242 | 0.551 | 33 ksi |
| 3625162-43 | 3 3/8" | 1 3/8" | 0.0451 (18ga) | 0.340 | 0.384 | 0.710 | 33 ksi |
| 6005137-33 | 6" | 1 3/8" | 0.0346 (20ga) | 0.310 | 0.501 | 1.582 | 33 ksi |
| 6005162-33 | 6" | 1 3/8" | 0.0346 (20ga) | 0.344 | 0.571 | 1.743 | 33 ksi |
| 6005162-43 | 6" | 1 3/8" | 0.0451 (18ga) | 0.447 | 0.767 | 2.316 | 33 ksi |
| 6005162-54 | 6" | 1 3/8" | 0.0566 (16ga) | 0.556 | 0.927 | 2.860 | 50 ksi |
| 6005162-68 | 6" | 1 3/8" | 0.0713 (14ga) | 0.643 | 1.175 | 3.525 | 50 ksi |
| 6005162-97 | 6" | 1 3/8" | 0.1017 (12ga) | 0.966 | 1.594 | 4.747 | 50 ksi |
| 6005200-43 | 6" | 2" | 0.0451 (18ga) | 0.442 | 0.873 | 2.683 | 50 ksi |
| 6005200-68 | 6" | 2" | 0.0713 (14ga) | 0.764 | 1.367 | 4.101 | 50 ksi |
| 6005200-97 | 6" | 2" | 0.1017 (12ga) | 1.067 | 1.871 | 5.612 | 50 ksi |
| 6005250-68 | 6" | 2 1/2" | 0.0713 (14ga) | 0.836 | 1.342 | 4.127 | 50 ksi |
| 6005250-97 | 6" | 2 1/2" | 0.1017 (12ga) | 1.164 | 2.063 | 6.496 | 50 ksi |
| 8005162-43 | 8" | 1 3/8" | 0.0451 (18ga) | 0.537 | 1.158 | 2.937 | 33 ksi |
| 10005162-54 | 10" | 1 3/8" | 0.0566 (16ga) | 0.783 | 1.712 | 4.950 | 50 ksi |
| 12005162-68 | 12" | 1 3/8" | 0.0713 (14ga) | 1.121 | 2.437 | 7.518 | 50 ksi |
| 362125-33 | 3 3/8" | 1 1/4" | 0.0346 (20ga) | 0.212 | 0.174 | 0.384 | 33 ksi |
| 362125-43 | 3 3/8" | 1 1/4" | 0.0451 (18ga) | 0.276 | 0.245 | 0.531 | 33 ksi |
| 400125-33 | 4" | 1 1/4" | 0.0346 (20ga) | 0.225 | 0.201 | 0.484 | 33 ksi |
| 400125-43 | 4" | 1 1/4" | 0.0451 (18ga) | 0.293 | 0.282 | 0.666 | 33 ksi |
| 600125-33 | 6" | 1 1/4" | 0.0346 (20ga) | 0.244 | 0.335 | 1.247 | 33 ksi |
| 600125-43 | 6" | 1 1/4" | 0.0451 (18ga) | 0.303 | 0.515 | 1.750 | 33 ksi |
| 600125-54 | 6" | 1 1/4" | 0.0566 (16ga) | 0.480 | 0.653 | 2.221 | 50 ksi |
| 600125-68 | 6" | 1 1/4" | 0.0713 (14ga) | 0.605 | 0.874 | 2.930 | 50 ksi |
| 800125-43 | 8" | 1 1/4" | 0.0451 (18ga) | 0.473 | 0.734 | 3.600 | 33 ksi |
| 1000125-54 | 10" | 1 1/4" | 0.0566 (16ga) | 0.707 | 1.155 | 5.116 | 50 ksi |
| 1200125-68 | 12" | 1 1/4" | 0.0713 (14ga) | 1.033 | 2.176 | 16.801 | 50 ksi |

- Schedule Notes:**
- All metal framing shall be formed from corrosion resistant steel conforming to ASTM A446, with minimum yield strength of 33 ksi for 18 ga and lighter and 50 ksi for 16 ga and heavier (unless noted otherwise in the drawings).
 - Metal framing shown on the structural drawings shall have channel type sections with stiffened flanges having the minimum properties as shown above.
 - Metal tracks shall be same gauge as framing which it supports, unless noted otherwise, with minimum flange width of 1 1/4" and minimum properties as shown above.
 - Galvanized coating must meet the ASTM A424 specification, G40 thickness.

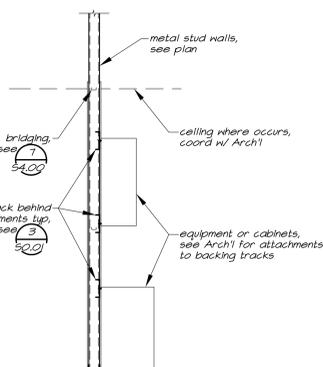


Concrete Curbs @ Non-Bearing Walls and Non-Shearwalls

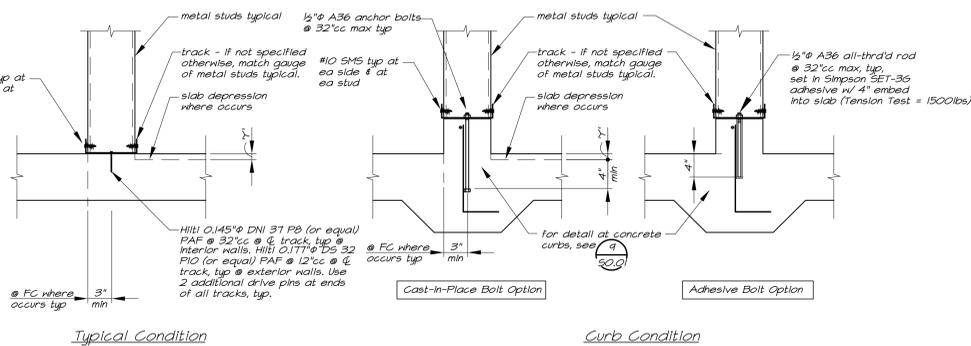


Detail 7 Typical Detail For Hanging Loads

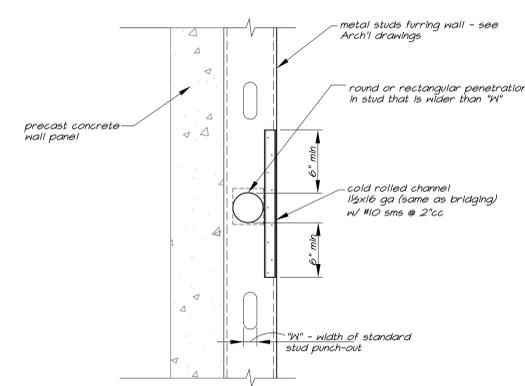
Detail 8 Typical Lavatory Pipe Penetration Thru Footing



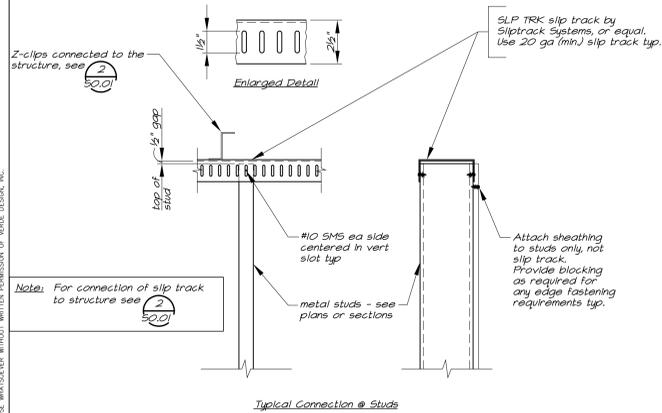
Detail 4 Typical Backing Detail



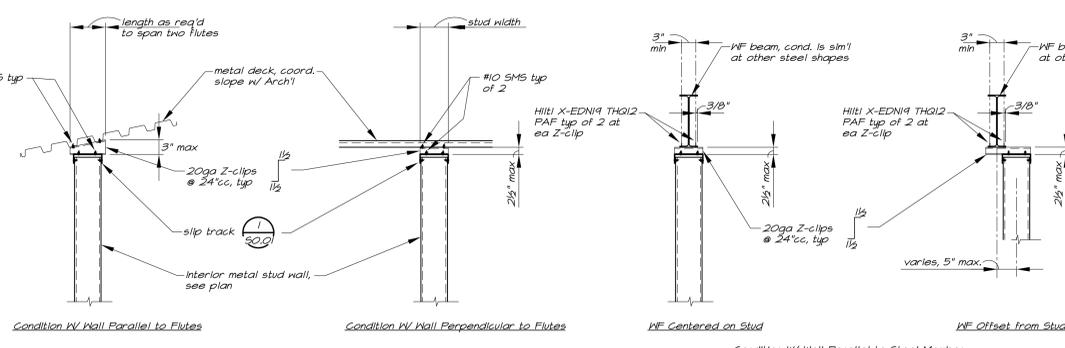
Typical Anchorage of Interior Walls to Concrete



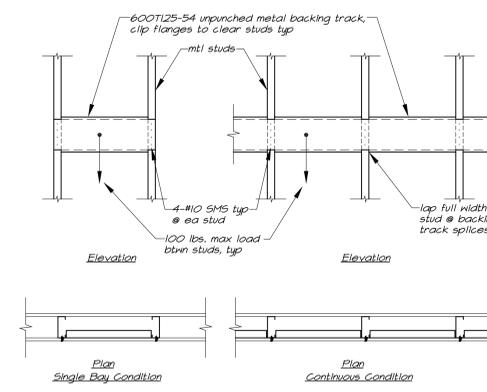
Penetrations in Furring Walls



Slip Track Detail 1 Typical Connection @ Stud



Detail 2 Typical Interior Partition-to-Structure Connection



Detail 3 Typical Backing Detail

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STATE OF CALIFORNIA

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MLA
STRUCTURAL ENGINEERS INC.
1132 Suncoast Lane, Suite 6
El Dorado Hills, CA 95762
phone: (916) 941-2425
fax: (916) 941-2429

TYPICAL DETAILS

PROJECT NAME
**MESA VERDE
HIGH SCHOOL
ATHLETIC FACILITY
IMPROVEMENTS**

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

| NO. | REVISIONS | DATE |
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DRAWN BY: **GSL**
CHECKED BY: **JMM**

DATE ISSUED: **01/20/2021**
SCALE:

PROJ. NO.: **1819500**

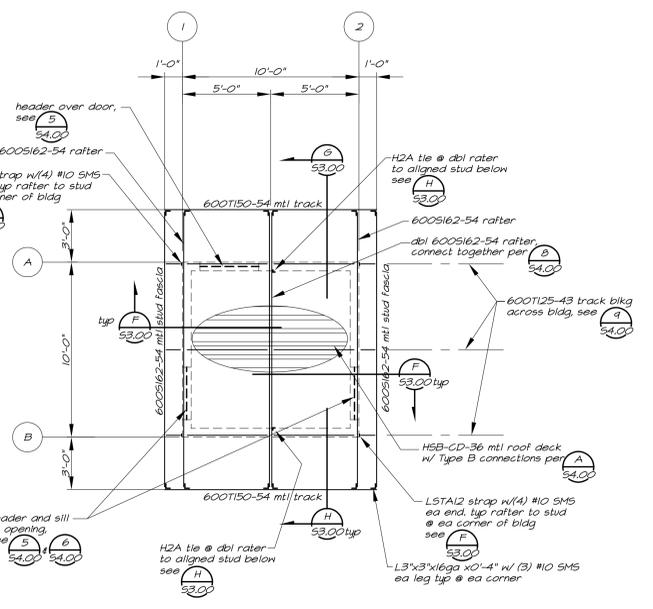
SHEET NO.: **S0.01**

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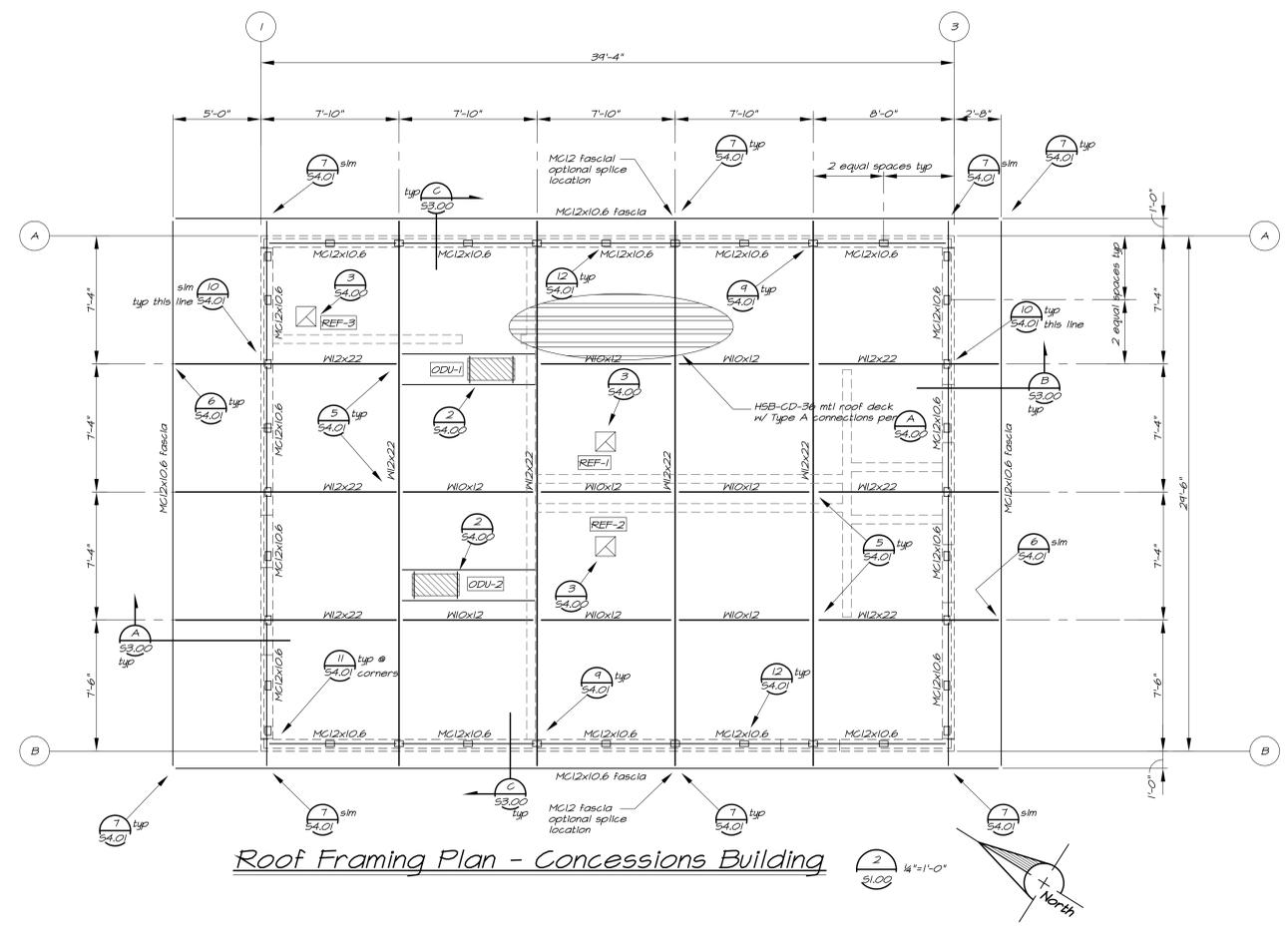
Roof Framing Plan Notes - Both Buildings:

- Coordinate all dimensions with architectural drawings. Notify Architect of any discrepancies for resolution prior to proceeding.
- See sheet 50.00 and 50.01 for typical notes and details. These notes and details apply to all construction unless noted or detailed otherwise.
- For typical metal roof deck information and details, see sheet 54.00.
- For typical structural steel details, see sheet 54.01.
- Indicates mechanical units. Coordinate/verify locations with mechanical drawings typ. Provide framing per details as follows:

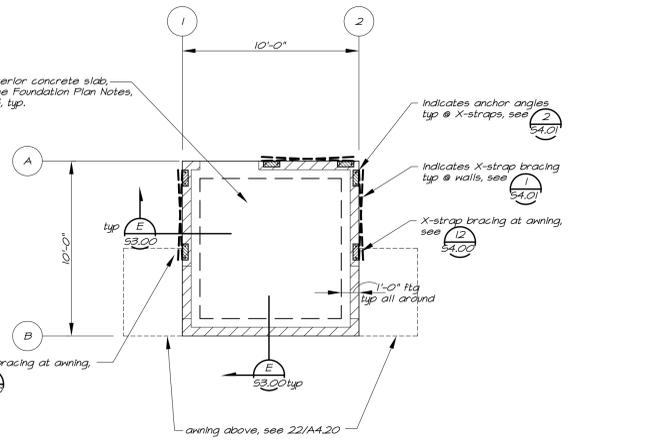
| Unit/s | Weight | Framing Detail |
|--------|----------|----------------|
| REF-1 | 50 lbs. | 3 |
| REF-2 | | 54.00 |
| ODU-1 | 100 lbs. | 2 |
| ODU-2 | | 54.00 |
- All interior walls shall be constructed using 6005137-33 metal studs at 16" on center max. typical. Interior headers shall be constructed per 54.00.
- All interior non-bearing partition walls are to be built full-height to the bottom of the roof structure and connected per detail 2
- All penetrations 12" or larger through the concrete wall panels shall be cast at the precast manufacturer's plant and shall be coordinated with the engineer of record and the precast concrete engineer prior to casting.
- All penetrations smaller than 12" through the concrete wall panels shall be cored in the field and coordinated with the engineer of record and the precast concrete engineer. Prior to coring, the precast engineer shall review the locations to ensure the penetrations are not going through flexural reinforcement.



Roof Framing Plan - Ticket Booth 1/4"=1'-0"



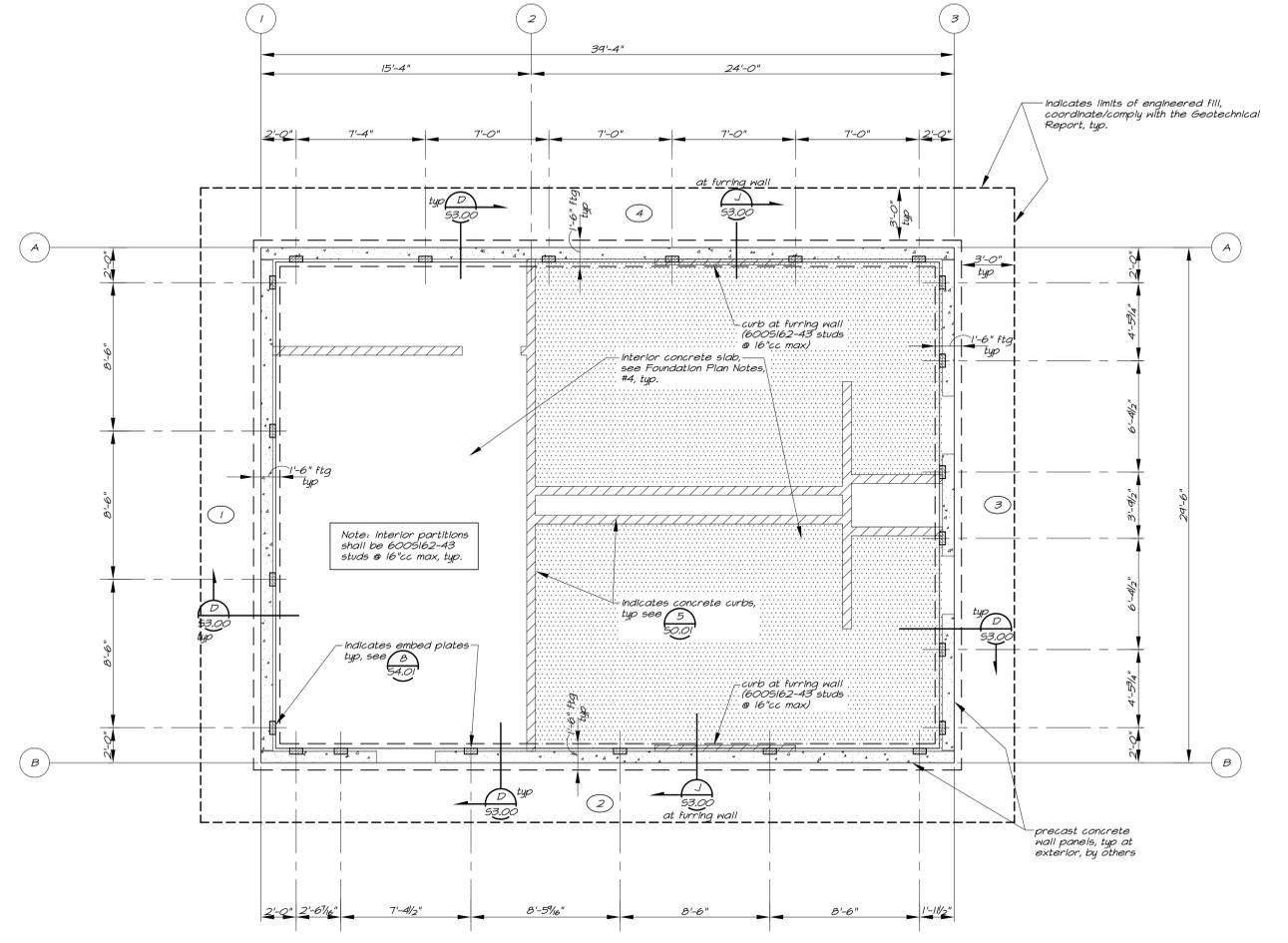
Roof Framing Plan - Concessions Building 1/4"=1'-0"



Foundation Plan - Ticket Booth 1/4"=1'-0"

Foundation Plan Notes - Both Buildings:

- Coordinate all dimensions with architectural drawings. Notify Architect of any discrepancies for resolution prior to proceeding.
- See sheet 50.00 and 50.01 for typical notes and details. These notes and details apply to all construction unless noted or detailed otherwise.
- All bolts, embed plates, straps and other hardware embedded in concrete must be securely tied in place prior to foundation inspection.
- Construction of concrete floor slabs shall conform to the following:
 - Subgrade soils shall be prepared in strict accordance with the Geotechnical Report.
 - Floor slabs shall be cast directly onto a 15 mil. vapor barrier. The vapor barrier should be properly lapped and sealed as well as sealed around all plumbing lines, conduits, and other openings.
 - The vapor barrier shall be placed directly over a 4" thick capillary break consisting of free-draining crushed rock.
 - The 4" capillary break material shall be graded such that 100% of the material passes a 1" sieve and none passes a No. 4 sieve.
 - All concrete floor slabs shall be 5 inches thick and shall be reinforced with #4 bars at 18 inches on center each direction placed at mid-depth of the slab.
 - Provide joints in the concrete floor slabs per 50.00. A slab joint plan shall be submitted to the Architect for approval prior to casting the slabs.
- For typical pipe/conduit penetrations through footings, see 50.00.
- All interior non-bearing partition walls are to be built full-height to the bottom of the roof structure and connected per detail 2
- Indicates sloped and/or depressed slabs. Coordinate extents and locations with plumbing and architectural drawings. typ.
- All penetrations 12" or larger through the concrete wall panels shall be cast at the precast manufacturer's plant and shall be coordinated with the engineer of record and the precast concrete engineer prior to casting.
- All penetrations smaller than 12" through the concrete wall panels shall be cored in the field and coordinated with the engineer of record and the precast concrete engineer. Prior to coring, the precast engineer shall review the locations to ensure the penetrations are not going through flexural reinforcement.
- Indicates Precast Wall Panel number. See elevations on sheet 55.00.
- Indicates 6" tall concrete curbs.



Foundation Plan - Concessions Building 1/4"=1'-0"

FOUNDATION & ROOF FRAMING PLANS

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

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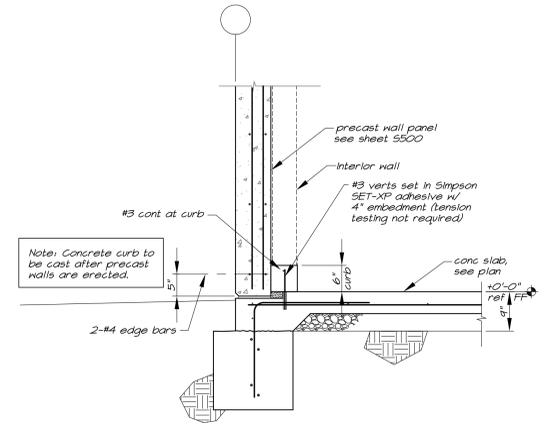
DRAWN BY: **GSL** CHECKED BY: **JMM**
 DATE ISSUED: **01/20/2021** SCALE:
 PROJ. NO.: **1819500**
 SHEET NO.: **S1.00**



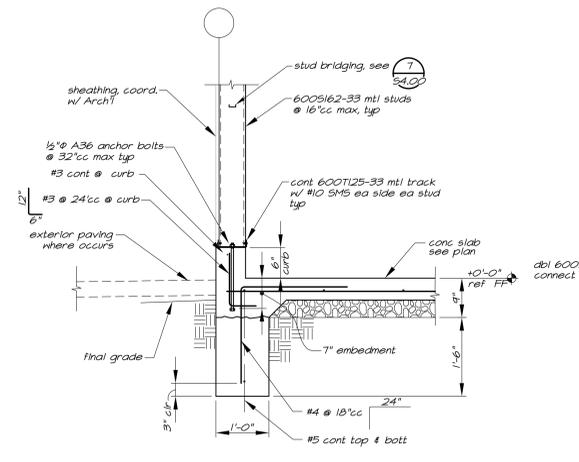
VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 2455 The Alameda
 Santa Clara, CA 95050
 tel: 408.985.7200
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 www.VerdeDesignInc.com



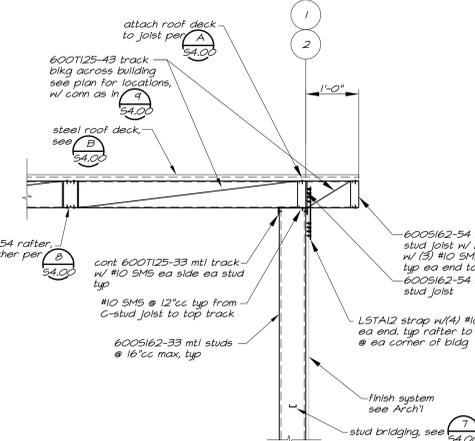
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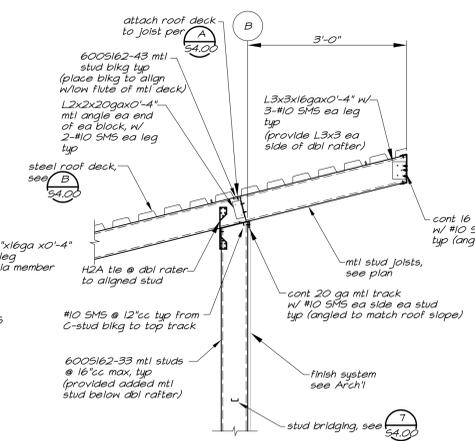
Section J $\frac{1}{8}'' = 1'-0''$



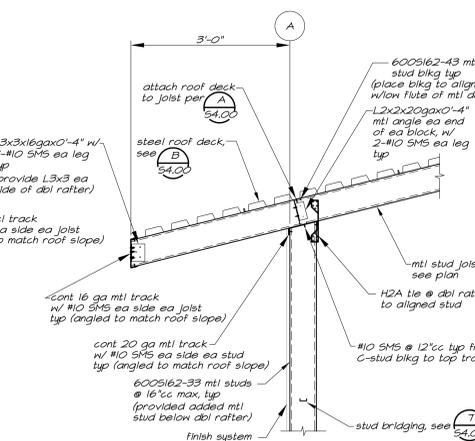
Section E $\frac{1}{8}'' = 1'-0''$



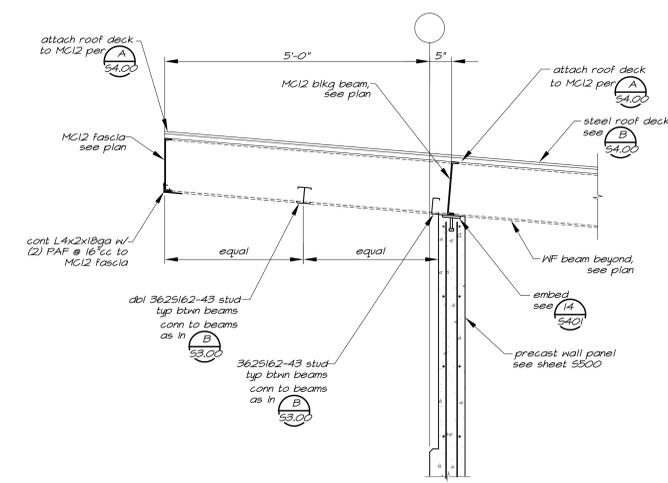
Section F $\frac{1}{8}'' = 1'-0''$



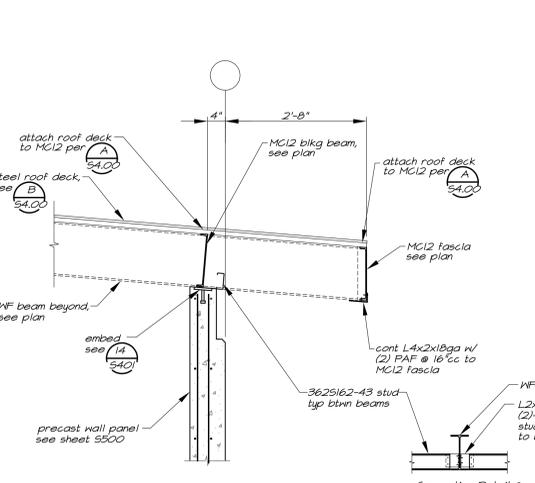
Section G $\frac{1}{8}'' = 1'-0''$



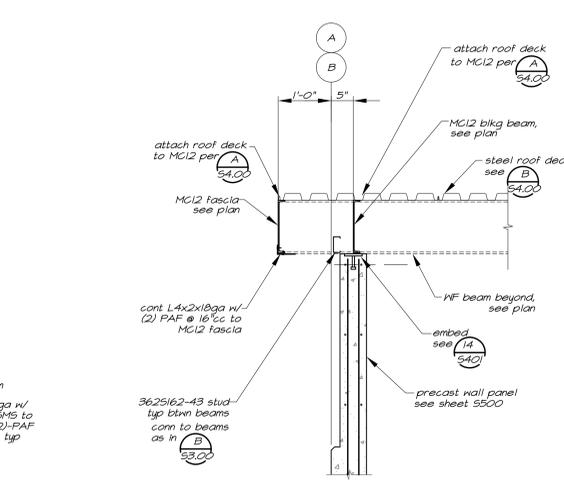
Section H $\frac{1}{8}'' = 1'-0''$



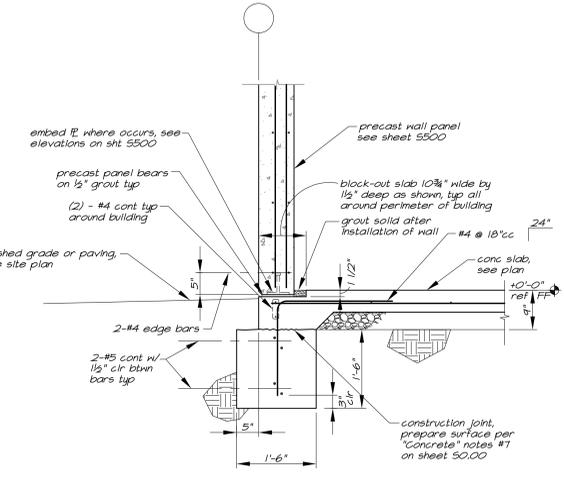
Section A $\frac{1}{8}'' = 1'-0''$



Section B $\frac{1}{8}'' = 1'-0''$



Section C $\frac{1}{8}'' = 1'-0''$



Section D $\frac{1}{8}'' = 1'-0''$

SHEET TITLE
SECTIONS & DETAILS

PROJECT NAME
**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

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**7501 CARRIAGE DRIVE
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 DATE ISSUED: **01/20/2021** SCALE:
 PROJ. NO.: **1819500**
 SHEET NO.: **S3.00**

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SHEET TITLE

DETAILS

PROJECT NAME

**MESA VERDE
 HIGH SCHOOL
 ATHLETIC FACILITY
 IMPROVEMENTS**

PROJECT ADDRESS

**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

SUBMITTAL

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NO. REVISIONS

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DRAWN BY

GSJ

DATE ISSUED

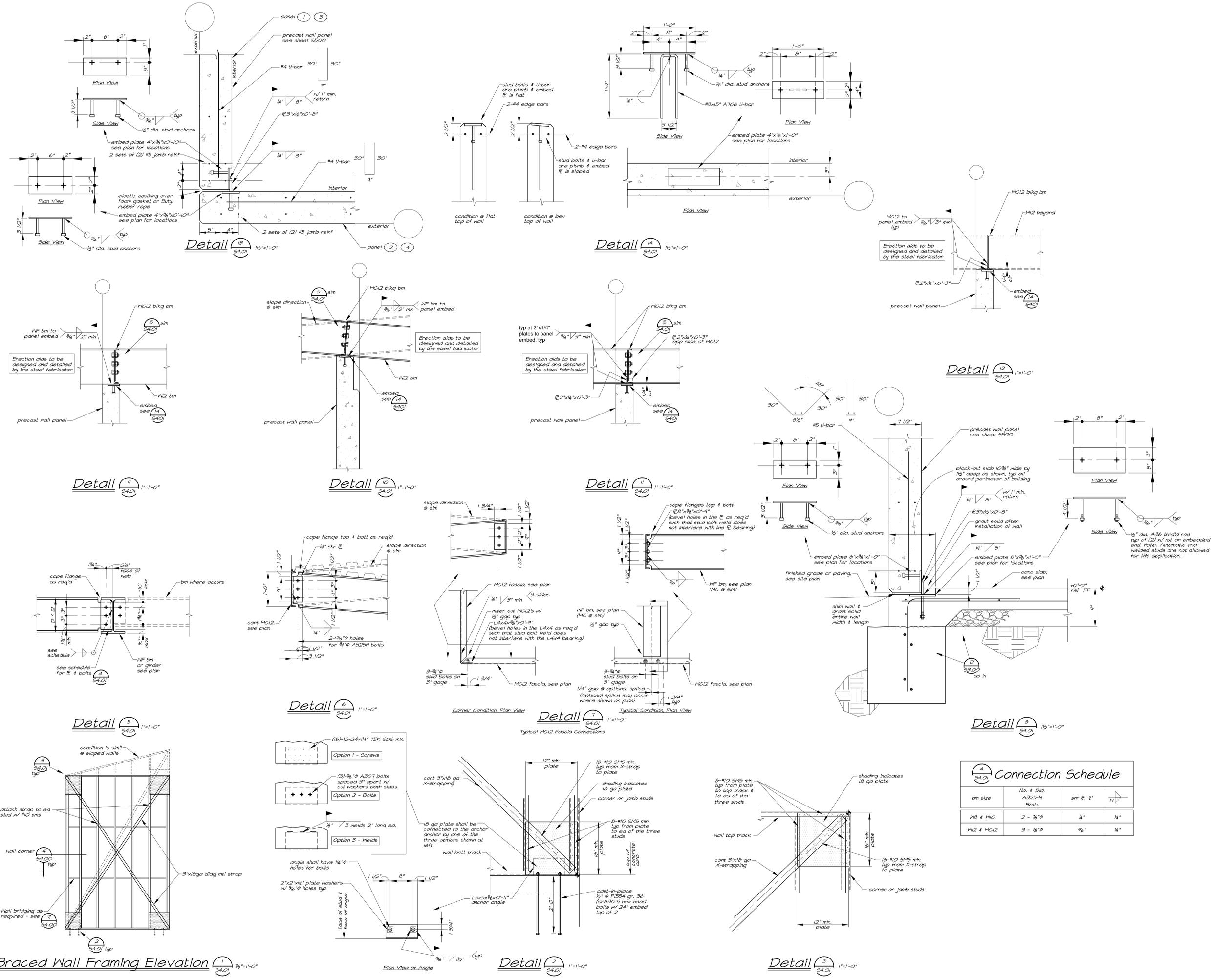
01/20/2021

PROJ. NO.

1819500

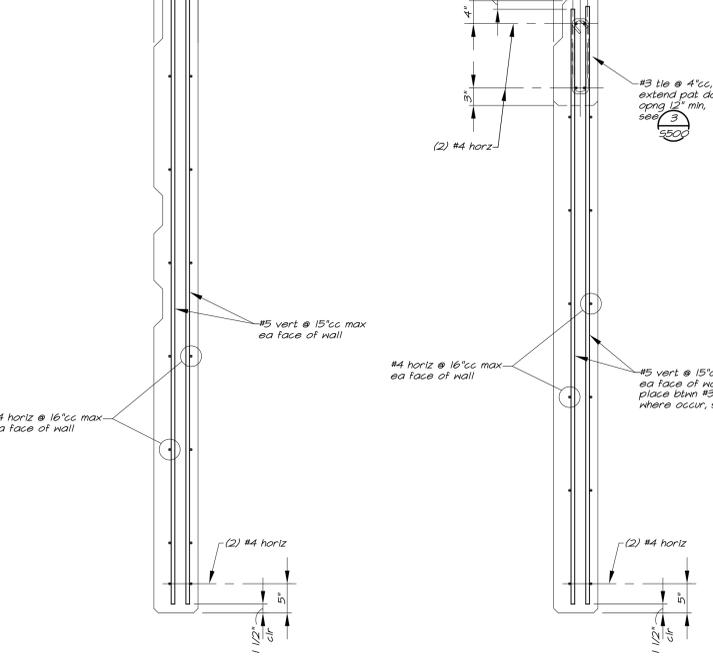
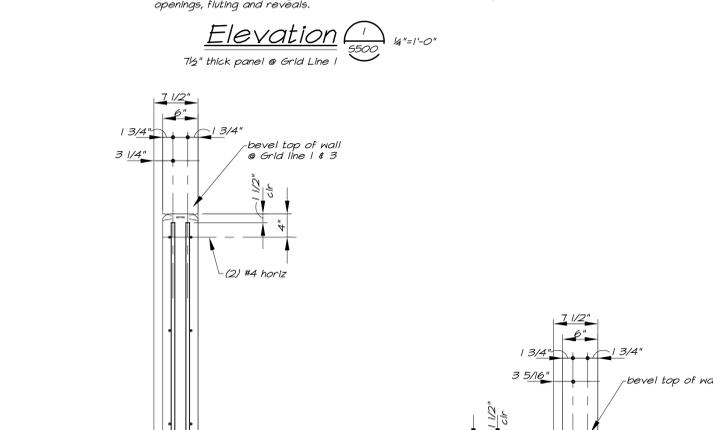
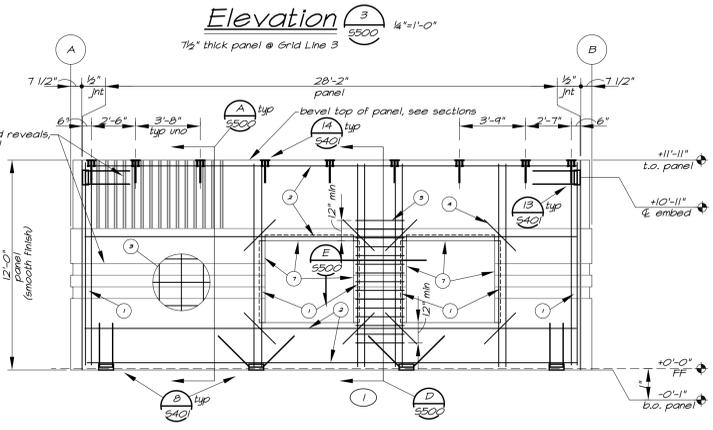
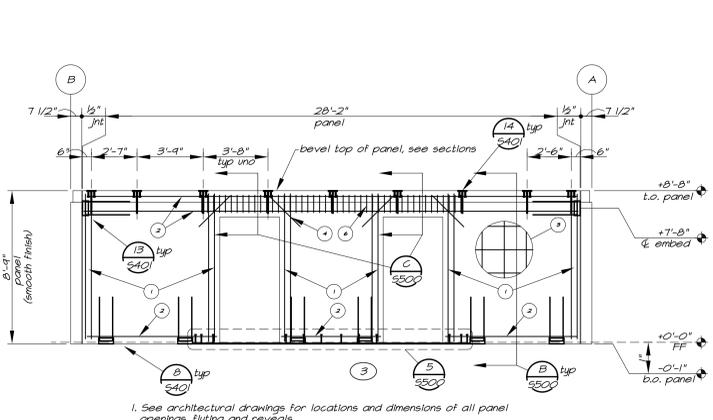
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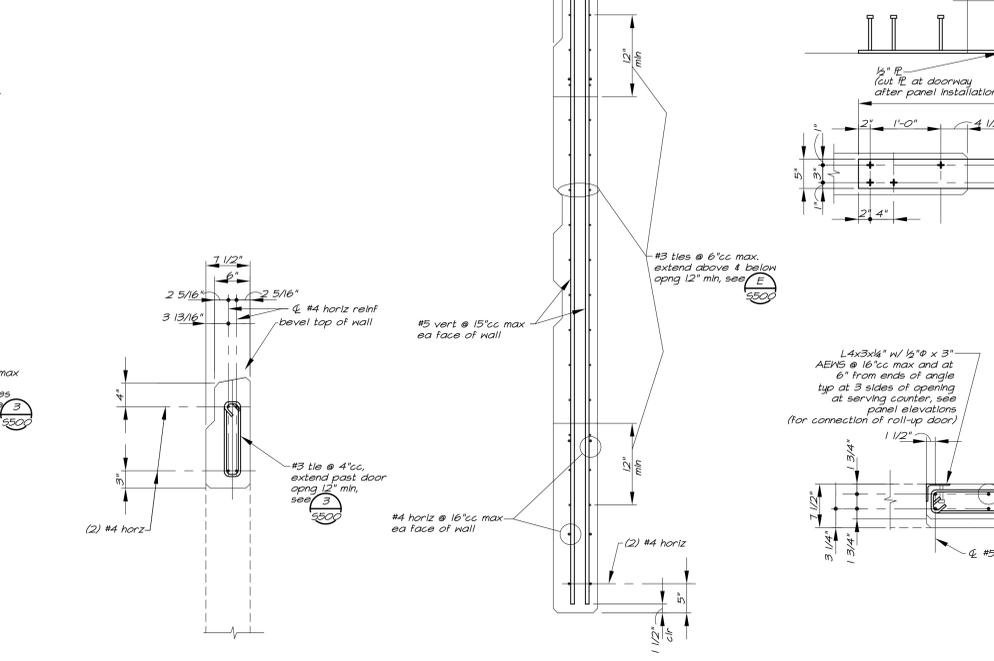
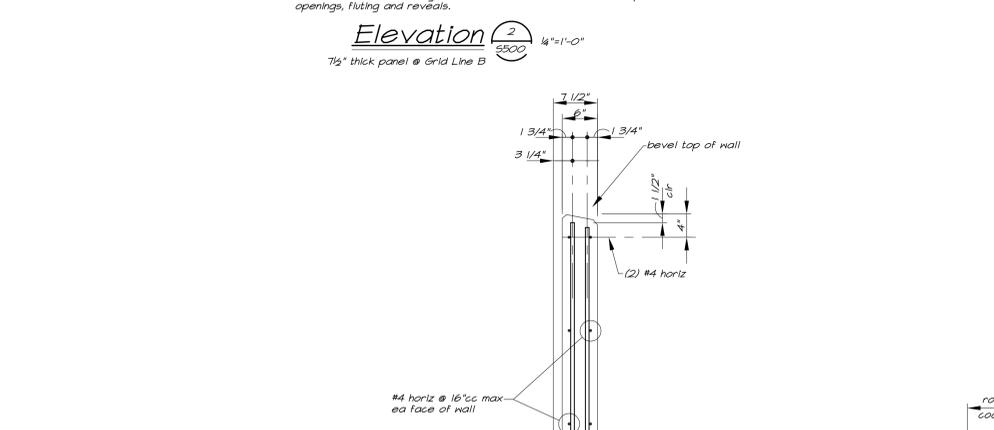
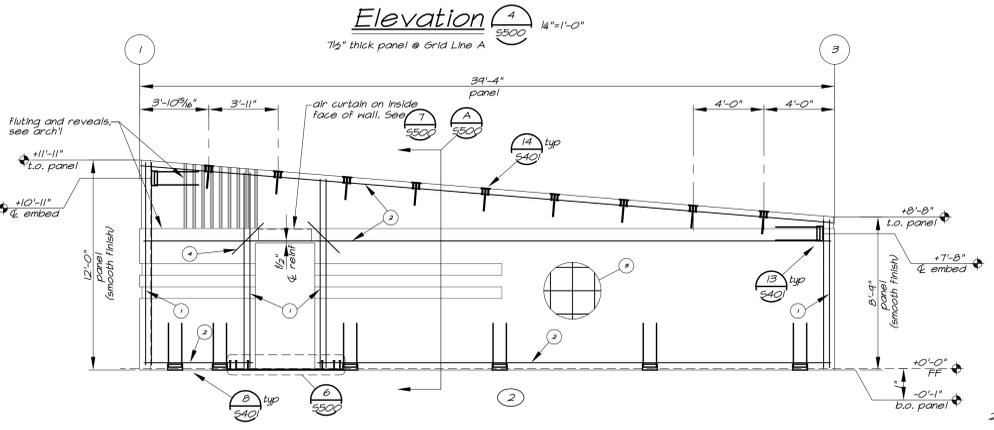
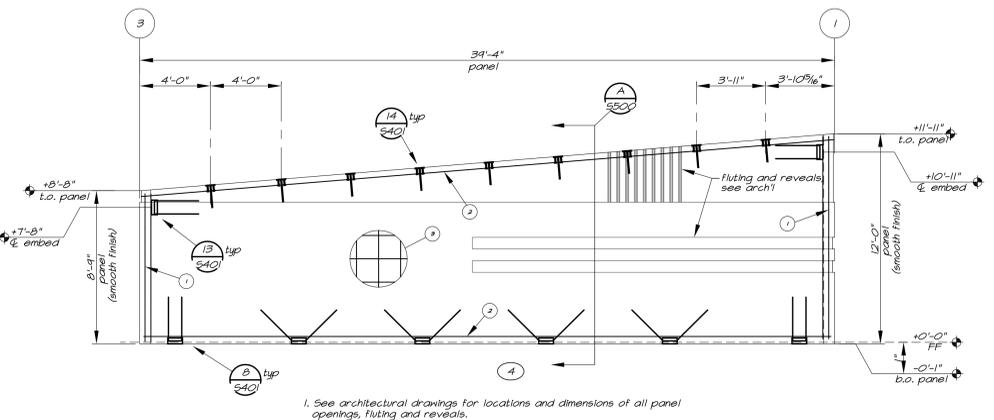


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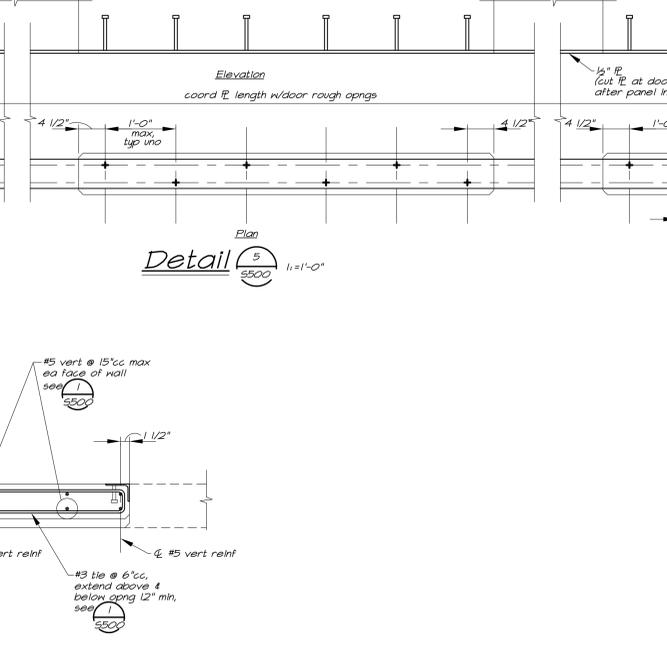
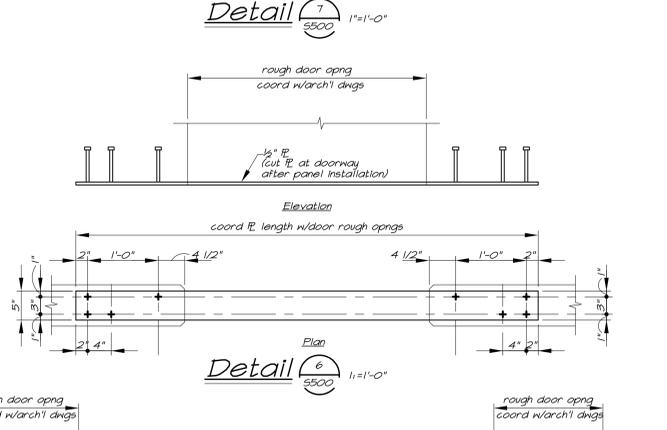
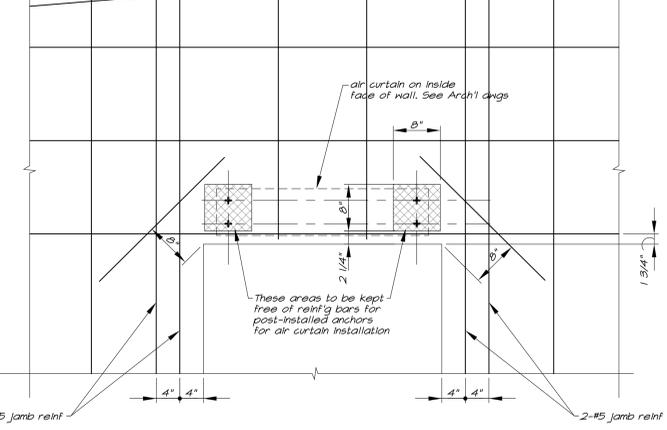
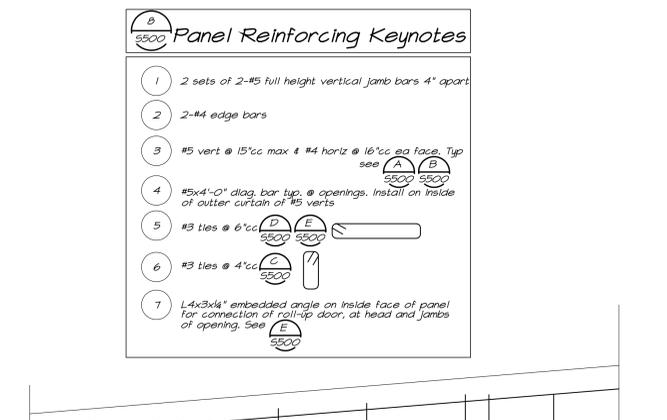
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Section A 1"=1'-0" 5500

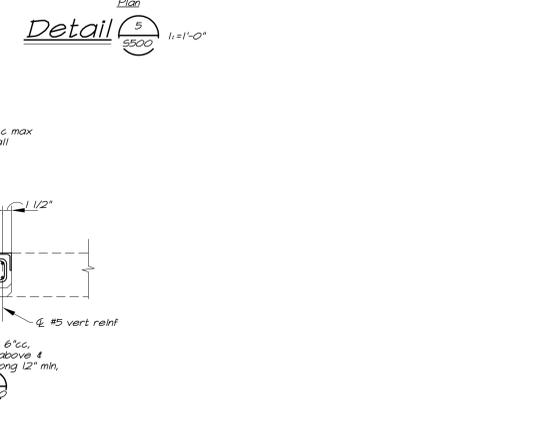
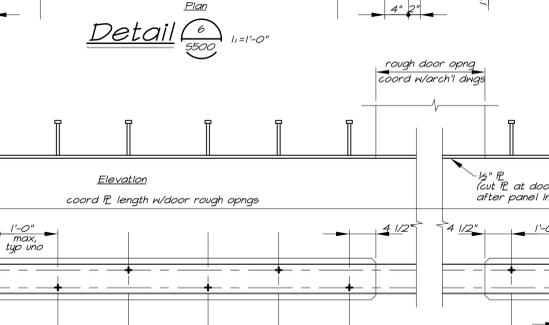
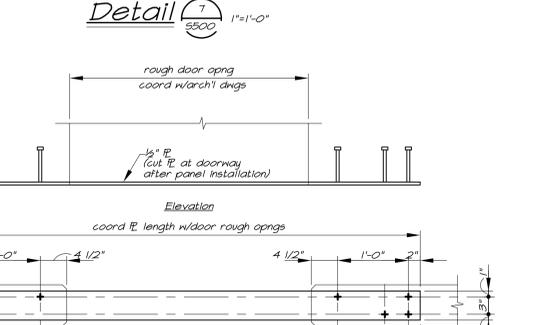
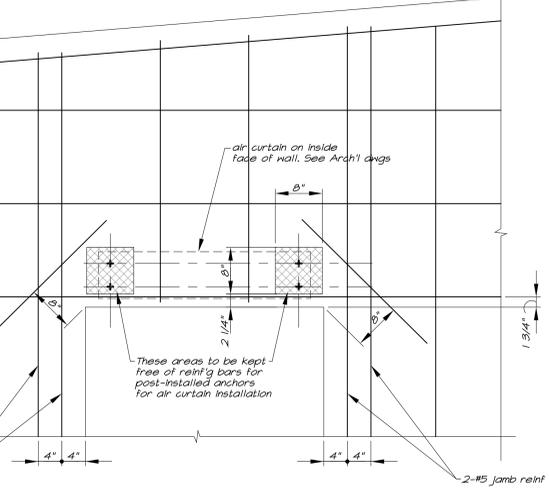


Section B 1"=1'-0" 5500



Section C 1"=1'-0" 5500

- Panel Reinforcing Keynotes**
- 2 sets of 2-#5 full height vertical jamb bars 4" apart
 - 2-#4 edge bars
 - #5 vert @ 15"cc max + #4 horiz @ 16"cc ea face. Typ see (A) (B) 5500 5500
 - #5x4'-0" diag. bar typ. @ openings. Install on inside of outer curtain of #5 verts
 - #3 ties @ 6"cc (D) (E) 5500 5500
 - #3 ties @ 4"cc (C) 5500
 - L4x3x1/4" embedded angle on inside face of panel for connection of roll-up door, at head and jamb of opening. See (E) 5500



Detail 5 1"=1'-0" 5500

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-118588 INC.
 REVIEWED FOR
 SS FLS ACS
 DATE: 01/20/2021

VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN
 2455 The Alameda
 Santa Clara, CA 95050
 tel: 408.985.7200
 fax: 408.985.7240
 www.VerdeDesignInc.com

STAMP

 JOHN M. MANDAGER
 No. 3824
 Exp. 09/30/22
 STRUCTURAL
 STATE OF CALIFORNIA

CONSULTANT
MLA
 STRUCTURAL ENGINEERS INC
 1132 Suncoast Lane, Suite 6
 El Dorado Hills, CA 95762
 phone: (916) 941-2425
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SHEET TITLE
PRECAST PANEL DETAILS

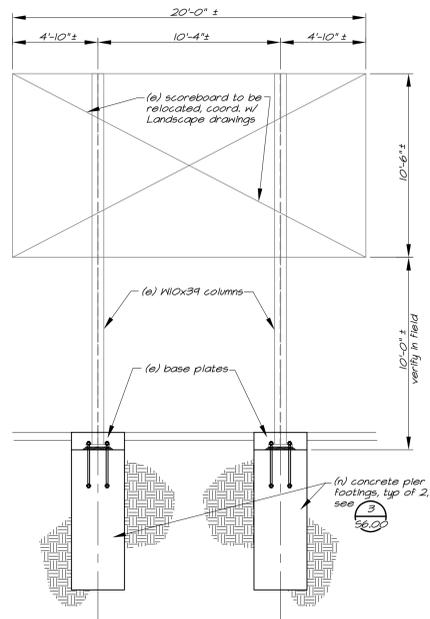
PROJECT NAME
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PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
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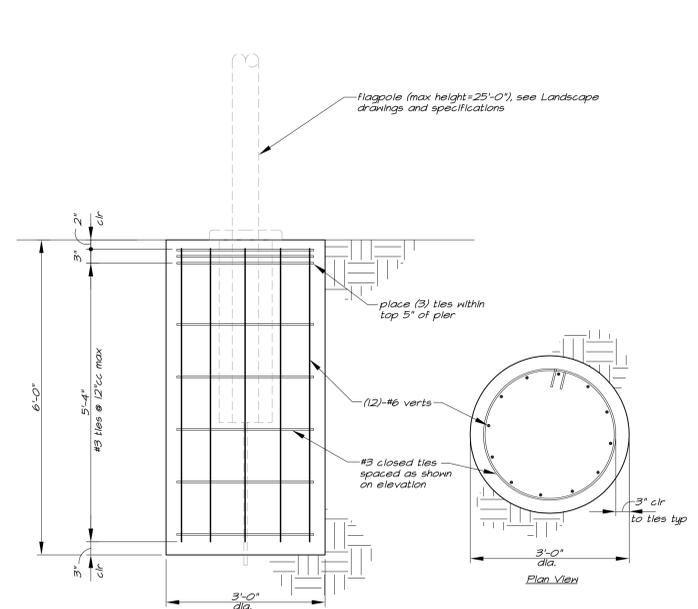
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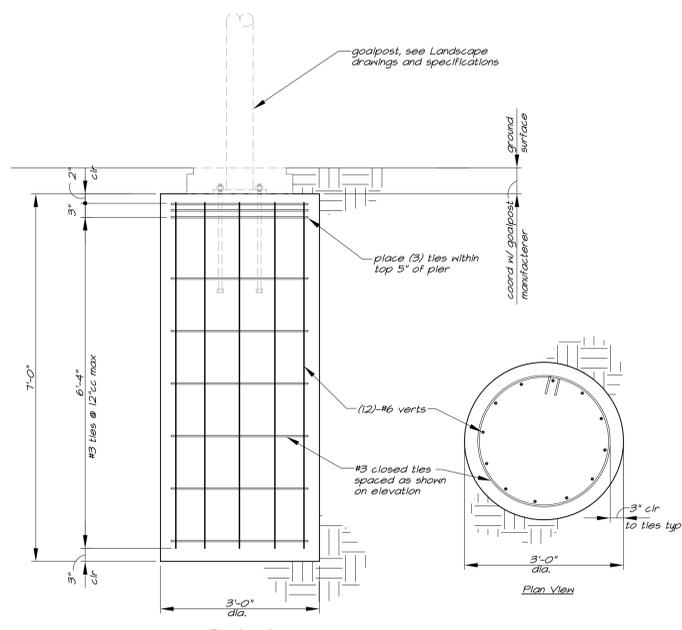
DRAWN BY: **GSL** CHECKED BY: **JMM**
 DATE ISSUED: **01/20/2021** SCALE:
 PROJ. NO.: **1819500**
 SHEET NO.: **S5.00**



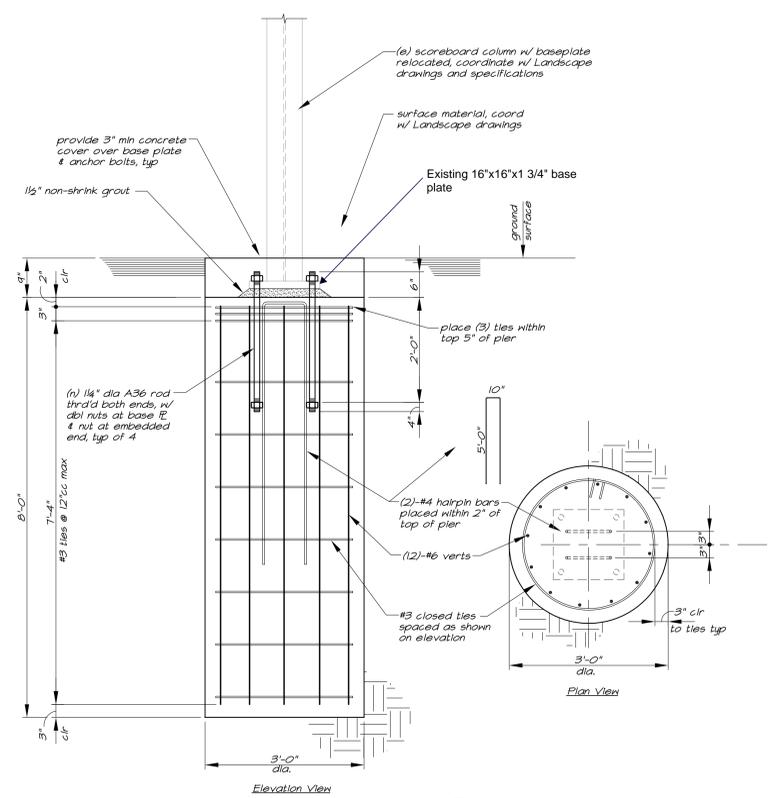
Relocated Scoreboard $\frac{4}{56.00}$ $\frac{3}{4} = 1'-0"$



Flagpole Footing $\frac{1}{56.00}$ $\frac{3}{4} = 1'-0"$



Goalpost Footing $\frac{2}{56.00}$ $\frac{3}{4} = 1'-0"$



Scoreboard Footing $\frac{3}{56.00}$ $\frac{3}{4} = 1'-0"$

SHEET TITLE
SITE DETAILS

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 DATE ISSUED: **01/20/2021** SCALE:

PROJ. NO. **1819500**
 SHEET NO. **S6.00**

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|---|---|
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| 1. | ALL EXISTING EQUIPMENT, DEVICES, CONDUIT, AND WIRING, ETC., WHERE SHOWN ON PLANS ARE BASED ON AVAILABLE EXISTING DOCUMENTS AND LIMITED SITE SURVEYS AND ARE SHOWN FOR CLARITY. IT SHALL BE REGARDED AS AN APPROXIMATION ONLY. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. PRIOR TO SUBMITTING BID AND BEFORE START OF ANY ELECTRICAL WORK, CONTRACTOR SHALL VERIFY ON-SITE ALL EXISTING LOCATIONS AND CONDITIONS TO ASCERTAIN ALL WORK REQUIRED. |
| 2. | EXISTING ELECTRICAL MAIN SERVICE IS BEING REPLACED WITH NEW THAT IS TO BE INCLUDED IN THE SCOPE OF WORK. CONTRACTOR SHALL VERIFY AND COORDINATE THE SEQUENCE OF WORK WITH THE LOCAL UTILITY COMPANY, THE OWNER/DISTRICT'S REPRESENTATIVE, AND OTHER TRADES AT THE EARLIEST START OF CONSTRUCTION FOR ALL REQUIREMENTS AND SCHEDULING OF THE REQUIRED WORK FOR A SMOOTH AND TIMELY TRANSFORMATION FROM THE EXISTING SERVICE TO THE NEW SERVICE TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY. LIMIT THE ELECTRICAL SHUTDOWN TO A MINIMUM SO IT WILL NOT AFFECT THE EXISTING FACILITY'S NORMAL DAILY FUNCTIONS AND OPERATION. |
| 3. | CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND/OR OTHER EXISTING FACILITY'S SYSTEMS AND SERVICES AS POSSIBLE. CONTRACTOR SHALL NOTIFY THE OWNER/DISTRICT'S REPRESENTATIVE AT LEAST 72 HOURS TO SCHEDULE ALL NECESSARY SHUTDOWN. SHUTDOWN WORK SHALL BE PERFORMED AFTER THE NORMAL OPERATION HOURS OF THE FACILITY, IF SO DIRECTED BY THE OWNER/DISTRICT'S REPRESENTATIVE. |
| 4. | ALL REMOVED AND/OR DEMOLISHED ELECTRICAL MATERIALS AND EQUIPMENT TO BE ACCOMPLISHED UNDER THIS CONTRACT, WHICH IN THE OPINION OF THE OWNER/DISTRICT'S REPRESENTATIVE ARE DEEMED SALVAGEABLE, SHALL REMAIN THE PROPERTY OF THE OWNER/DISTRICT. ALL ELECTRICAL MATERIAL AND EQUIPMENT CONSIDERED NOT SALVAGEABLE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR ACCORDINGLY. |
| 5. | WHERE REMOVAL OF AN EXISTING SYSTEM'S DEVICE WILL RESULT IN LOSS OF CIRCUIT CONTINUITY, THE ISOLATED PORTIONS OF THE CIRCUIT SHALL BE RECONNECTED TO PROVIDE SERVICE TO ALL REMAINING DEVICES. IF SITE CONDITIONS MAKE RECONNECTION IMPOSSIBLE, CONNECTION SHALL BE MADE FROM AN ADJACENT AVAILABLE DEVICE AS NOTED AND/OR AS DIRECTED BY THE ARCHITECT AND/OR THE OWNER/DISTRICT'S REPRESENTATIVE. |
| 6. | WHERE EXISTING CONCEALED CONDUITS, WHETHER SHOWN OR NOT, OR SPECIFIED TO BE REUSED, WHICH BECAME EXPOSED DUE TO CONSTRUCTION CHANGES, IT SHALL BE REROUTED TO THE NEAREST AVAILABLE REUSED OUTLET. |
| 7. | ALL EXISTING EXPOSED CONDUITS AND/OR WIRING THAT ARE DETERMINED BY THE DISTRICT AND ARCHITECT TO BE MAINTAINED FOR EXISTING SYSTEM FUNCTION AND CONTINUITY, WHETHER SHOWN ON PLAN OR NOT, ARE TO BE REROUTED CONCEALED IN WALL AND/OR CEILING FOR A CLEAN FINISHED SURFACE WITH NO EXPOSED CONDUITS AND/OR WIRING WITHIN THE REMODELED AREA. |
| 8. | REMOVE ALL EXISTING EXPOSED CONDUITS, WIRING, ELECTRICAL OUTLETS, DEVICES, AND EQUIPMENT THAT ARE DETERMINED BY THE DISTRICT REPRESENTATIVE/OWNER AND ARCHITECT TO BE NON FUNCTIONAL AND/OR NOT BEING USED FROM WITHIN THE REMODELED AREA FOR A CLEAN FINISHED SURFACE. |
| 9. | WHERE EXISTING WIRING OR EQUIPMENT IS ABANDONED AS A RESULT OF THIS CONTRACT, IT SHALL BE REMOVED INsofar AS POSSIBLE. THIS INCLUDES BUT IS NOT LIMITED TO: A. REMOVE ALL WIRE AND CABLE. B. REMOVE ALL DEVICES AND EQUIPMENT. C. REMOVE ALL EXPOSED CONDUIT AND CONDUIT IN ACCESSIBLE CONCEALED AREAS, AS FAR AS POSSIBLE. D. CUT OFF AND CAP ALL ABANDONED CONDUIT. STUBS SHALL NOT BE PROTRUDED ABOVE FLOOR AND/OR FINISHED WALLS AND CEILINGS. |
| 10. | WHEREVER EXISTING ELECTRICAL DEVICES, PANELS, CONDUITS, CABLES, ETC., CONFLICT WITH REMODEL WORK, WHETHER SHOWN OR NOT, RELOCATE THESE ITEMS AS DIRECTED BY THE ARCHITECT AND/OR OWNER/DISTRICT'S REPRESENTATIVE. |
| 11. | WHERE SHOWN ON PLAN FOR REMOVAL OF EXISTING CONDUITS, REMOVE ALL PORTIONS OF CONDUITS WHERE IT IS ACCESSIBLE AND ABANDON PORTIONS OF CONDUITS WHERE IT IS INACCESSIBLE. CUT OFF AND CAP ALL ABANDONED CONDUITS. STUBS SHALL NOT BE PROTRUDED ABOVE FLOOR AND/OR FINISHED WALLS AND CEILINGS. |
| 12. | CONTRACTOR SHALL UPDATE WITH NEW TYPEWRITTEN PANEL DIRECTORIES TO EXISTING PANELS INVOLVED IN THIS RENOVATION WORK THAT SHALL REFLECT ALL CHANGES TO THE CIRCUIT DESIGNATIONS. |
| 13. | PROVIDE AND INSTALL PROTECTIVE COVERING OVER EXISTING EQUIPMENT IN AREA WHEN INSTALLING ANY NEW WORK. |
| 14. | COORDINATE WITH OTHER TRADES AND PROMPTLY TRANSMIT ALL INFORMATION REQUIRED BY THEM. COORDINATE THE SEQUENCE OF DEMOLITION WITH OTHER TRADES TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY. |
| 15. | REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR HEATERS, EXHAUST FANS, WATER HEATERS, PUMPS, ETC., WHICH ARE REQUIRED TO BE DISCONNECTED BY THE ELECTRICAL CONTRACTOR FOR REMOVAL OR ABANDONMENT BY THE MECHANICAL AND/OR PLUMBING CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE MECHANICAL AND/OR PLUMBING CONTRACTOR FOR REMOVAL OF ALL APPLICABLE STARTERS, DISCONNECT SWITCHES, AND ASSOCIATED CONDUIT, AND WIRING. |
| 16. | ALL LIGHT FIXTURES INDICATED AS RELOCATED SHALL BE CLEANED AND RE-LAMPED PRIOR TO THE RE-INSTALLATION. |

| EQUIPMENT ANCHORAGE NOTES | |
|---|---|
| ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26 AND 30. | |
| 1. | ALL PERMANENT EQUIPMENT AND COMPONENTS. |
| 2. | TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTIL SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE. |
| 3. | TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA. |
| THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS: | |
| A. | COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT. |
| B. | COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL. |
| THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS. | |

| PIPING AND DUCTWORK DISTRIBUTION SYSTEM BRACING NOTES | |
|--|--|
| PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26. | |
| THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G., OSHPD OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS. | |
| MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E): | |
| MP MD PP E | OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. |
| <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | |
| MP MD PP E | OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (#0043-13). |
| <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

| GENERAL NOTES | |
|--|--|
| ALL GENERAL NOTES SHOWN BELOW ARE NOT NECESSARILY USED ON PLANS IF NOT REQUIRED. | |
| 1. | THESE GENERAL NOTES ARE INTENDED TO ASSIST THE CONTRACTOR IN THE EXECUTION OF THE ELECTRICAL WORK AND TO BE INCLUDED IN CONJUNCTION WITH THE CONTRACT DOCUMENT DRAWINGS AND SPECIFICATION REQUIREMENTS. SOME OF THE GENERAL NOTES ARE EXCERPTS FROM THE SPECIFICATION. |
| 2. | PROCURE PERMITS AND LICENSES REQUIRED. PAY ALL NECESSARY FEES AND ARRANGE FOR INSPECTIONS REQUIRED BY LOCAL CODES, ORDINANCES, AND UTILITY COMPANIES. |
| 3. | COORDINATE ALL ELECTRICAL SERVICES WITH THE RESPECTIVE UTILITY COMPANIES AND PROVIDE ALL TRENCHING, CONDUITS, WIRING, METER FACILITIES AND OUTLETS REQUIRED BY THEM. |
| 4. | WORKMANSHIP SHALL BE OF THE HIGHEST QUALITY. DEFECTIVE EQUIPMENT OR EQUIPMENT DAMAGED IN THE COURSE OF INSTALLATION OR TEST SHALL BE REPLACED OR REPAIRED IN A MANNER MEETING WITH THE ACCEPTANCE OF THE ARCHITECT. |
| 5. | INSTALL ALL EQUIPMENT, CONDUITS, OUTLETS, AND FIXTURES IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF ALL APPLICABLE CODES (2019 CEC, STATE, COUNTY, AND CITY). |
| 6. | DO NOT SCALE PLANS FOR FIXTURES, DEVICES, OR APPLIANCE LOCATIONS. USE FIGURED DIMENSIONS IF GIVEN OR CHECK MECHANICAL AND ARCHITECTURAL PLANS. ALSO REFER TO ACTUAL ON-SITE CONDITIONS. |
| 7. | ALL MATERIAL AND EQUIPMENT IS TO BE LISTED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND CEC 110.3. |
| 8. | ALL ELECTRICAL DEVICES, EQUIPMENT, FIXTURES, CONDUITS, AND WIRING SHOWN ON THESE PLANS ARE NEW, UNLESS OTHERWISE NOTED. |
| 9. | OUTLET BOXES INSTALLED IN FIRE WALLS SHALL BE ONE-PIECE STEEL AND INSTALLED IN SEPARATE (STAGGERED) STUD PENETRATIONS, MINIMUM 24 INCHES HORIZONTAL SEPARATION. FIRE WALLS SHALL BE MADE IN ACCORDANCE WITH CBC AND ELECTRICAL CODES. |
| 10. | THE FINAL LOCATION OF ALL OUTLETS SHALL BE VERIFIED WITH THE ARCHITECT AND/OR OWNER AT TIME OF CONSTRUCTION. |
| 11. | ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHER-PROTECTED. |
| 12. | CONTRACTOR SHALL VERIFY THAT ALL LIGHTING FIXTURES, CEILING TRIMS, AND FRAMES ARE COMPATIBLE WITH CEILING SYSTEM INSTALLED. |
| 13. | CONTRACTOR SHALL COORDINATE LIGHT FIXTURE LOCATIONS AND INSTALLATIONS WITH THE MECHANICAL CONTRACTOR. MAINTAIN REQUIRED CLEARANCES (MINIMUM 3 INCHES, PER CEC 410.116) BETWEEN THE LIGHT FIXTURES AND MECHANICAL DUCTS OR EQUIPMENT FOR PROPER OPERATION, INSTALLATION AND/OR REMOVAL OF FIXTURES. |
| 14. | BEFORE SUBMITTING FOR ARCHITECT'S REVIEW AND PLACING ORDER FOR THE LIGHT FIXTURES, THE CONTRACTOR SHALL VERIFY THE VOLTAGE OF ALL THE LIGHTING FIXTURES TO MATCH THE VOLTAGE OF THE SERVICE PANEL. WHETHER THE VOLTAGE FOR THE LIGHT FIXTURES ARE SHOWN ON THE PLAN OR NOT. |
| 15. | PLACEMENT AND CIRCUITING OF EXIT SIGNS AND EGRESS LIGHTING SHALL COMPLY WITH CBC REQUIREMENTS. |
| 16. | ALL CONDUIT SHALL BE ROUTED CONCEALED UNLESS NOTED ON PLAN OR ACCEPTED BY THE ARCHITECT. |
| 17. | PROVIDE ALL NECESSARY SLEEVES AND INSERTS FOR ALL WORK PASSING THROUGH OR ATTACHING TO WALLS, FLOORS, OR CEILINGS. |
| 18. | ALL WIRING SHALL BE INSTALLED IN RIGID METALLIC CONDUIT, UNLESS OTHERWISE NOTED. CONDUITS INSTALLED CONCEALED IN WALL AND CEILING MAY BE EMT WITH STEEL COMPRESSION TYPE FITTINGS. PVC WHERE INSTALLED UNDERGROUND AND/OR UNDER SLAB. ALL EXPOSED CONDUITS SHALL BE RIGID STEEL CONDUITS WITH THREADED TYPE FITTINGS. INSTALL ALL CONDUITS IN ACCORDANCE WITH CEC STANDARDS OF INSTALLATION. |
| 19. | ELECTRICAL NON-METALLIC TUBING (ENT) AND MC CABLE ARE NOT PERMITTED TO BE USED FOR THIS PROJECT. NO EXCEPTIONS. |
| 20. | WHERE EXISTING CONDUITS, CONCEALED OR EXPOSED, AND (WIRED) SURFACE RACEWAY IS NOT IN PLACE AS SHOWN ON PLANS, PROVIDE NEW CONDUITS AND (WIRED) SURFACE RACEWAY FOR THE NEW WORK. VERIFY EXISTING CONDITION ON SITE AND PROVIDE ALL NECESSARY NEW MATERIAL, APPARATUS, AND WORK THAT IS REQUIRED TO BE INCLUDED IN THE BID PACKAGE. |
| 21. | CONDUCTORS, #8 AND LARGER, SHALL BE STRANDED COPPER WITH THHN/THWN INSULATION, UNLESS OTHERWISE NOTED. CONDUCTORS #10 AND SMALLER SHALL BE SOLID CONDUCTORS. |
| 22. | PROVIDE WORKING CLEARANCE PER CEC 110.26 FOR SERVICE PANEL, SUBPANELS, MOTOR DISCONNECT SWITCHES, CONTROL SECTIONS, HVAC EQUIPMENT, APPLIANCES, ETC. |
| 23. | PROVIDE A WARNING LABEL (SIGN) CLEARLY VISIBLE TO QUALIFIED PERSONS TO COMPLY WITH NEC AND CEC 110.16 OF POTENTIAL ELECTRIC ARC FLASH HAZARDS AT SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS AND MOTOR CONTROL CENTERS THAT ARE LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED. SERVICE EQUIPMENT SHALL BE LEGIBLY MARKED WITH THE MAXIMUM AVAILABLE FAULT CURRENT PER CEC SECTION 110.24(A). |
| 24. | BUILDING SERVICE AND SUBPANELS TO COMPLY WITH CEC 110.9 AND 110.10 INTERRUPTING RATING AND BRACING. PROVIDE A.I.C. CALCULATIONS FOR SUBPANELS IF INTERRUPTING RATING TO BE USED IS LOWER THAN MAIN SERVICE RATING. |
| 25. | ALL APPLIANCES SHALL COMPLY WITH CEC ARTICLE 422. APPLIANCE CONTROL AND PROTECTION PER CEC 422-III; BRANCH CIRCUITS PER 422-II. |
| 26. | BUILDING EXPANSION JOINTS MAY OR MAY NOT BE INDICATED ON THE ELECTRICAL DRAWINGS. VERIFY THE LOCATIONS OF ALL APPLICABLE BUILDING EXPANSION JOINTS WITH THE ARCHITECTURAL DRAWINGS. WIRING METHODS ACROSS EXPANSION JOINTS SHALL INCLUDE USE OF FLEXIBLE FITTINGS OR OTHER DEVICES AS APPROPRIATE TO EACH APPLICATION. IN NO CASE SHALL CONDUIT CROSS SUCH A JOINT IN BUILDING CONSTRUCTION WITHOUT USE OF THE APPROPRIATE WIRING METHODS. |
| 27. | CONTRACTOR SHALL SIZE ALL THE INTERIOR AND EXTERIOR BUILDING PULL BOXES AND UNDERGROUND PULL BOXES PER CEC 314.16 AND COMPLY WITH CEC 314.28 FOR INSTALLATION OF RACEWAYS AND WIRING AS REQUIRED BY CODE, UNLESS OTHERWISE NOTED. |
| 28. | WHERE ACCESSIBILITY IS NOT AVAILABLE TO ELECTRICAL OUTLETS, DEVICES AND/OR EQUIPMENT, COORDINATE WITH THE ARCHITECT FOR PROVISIONS TO PROVIDE ACCESSIBILITY TO THEM. |
| 29. | CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE MECHANICAL DRAWINGS AND PROVIDING ALL CONDUITS, CONTROL WIRING, AND POWER WIRING SHOWN ON THE MECHANICAL DRAWINGS THAT IS NOT SHOWN ON THE ELECTRICAL PLANS. |
| 30. | CONTRACTOR SHALL REFER TO THE MECHANICAL DRAWINGS AND COORDINATE FOR THE EQUIPMENT LOCATIONS. COORDINATE ROOF PENETRATION WITH THE MECHANICAL CONTRACTOR FOR MECHANICAL CONNECTIONS. ENTER ROOF MOUNTED UNITS THROUGH EQUIPMENT MOUNTING CURES WHERE POSSIBLE. VERIFY ON-SITE. |
| 31. | PROVIDE CONVENIENCE OUTLET WITHIN 25 FEET OF MECHANICAL EQUIPMENT PER U.M.C. WHERE LOCATED OUTSIDE, PROVIDE WEATHER PROOF AND GFCI CONVENIENCE OUTLET. SECURE ROOF MOUNTED OUTLET TO THE MECHANICAL EQUIPMENT. VERIFY LOCATION IN FIELD WITH THE MECHANICAL CONTRACTOR. |
| 32. | VERIFY SINGLE-POINT CONNECTIONS TO ROOF MOUNTED HVAC UNITS WITH MECHANICAL CONTRACTOR ON-SITE PRIOR TO ELECTRICAL ROUGH-IN. PROVIDE DUAL DISCONNECTS IF TWO-POINT CONNECTION IS REQUIRED, WHETHER SHOWN ON PLANS OR NOT. |
| 33. | SWITCH DEVICES CONTROLLING MECHANICAL EQUIPMENT SHALL BE OF SIZE AND TYPE REQUIRED AND SHALL BE SERVED WITH QUANTITY OF WIRES AS REQUIRED. REFER TO DIVISION 15 MECHANICAL PLANS AND SPECIFICATIONS. |
| 34. | COORDINATE THE HVAC EQUIPMENT FOR FUSES REQUIRED. WHERE FUSES ARE REQUIRED, VERIFY FUSE SIZE ON-SITE AND PROVIDE FOR HVAC EQUIPMENT PER UNIT NAMEPLATE SPECIFICATIONS. |
| 35. | MOTOR DISCONNECT SWITCHES SHALL COMPLY WITH CEC 430-IX AND 440-II. |
| 36. | MOTOR STARTERS FOR HVAC EQUIPMENT ARE PROVIDED BY MECHANICAL CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE. |
| 37. | ALL CONNECTIONS FROM THE DISCONNECT SWITCHES TO HVAC UNITS SHALL BE COPPER CONDUCTORS. MOTOR DISCONNECT SWITCHES SHALL COMPLY WITH CEC 430-VII, 430-VIII, AND 440-II. |
| 38. | CONTRACTOR VERIFY LOCATION AND HEIGHT OF ALL MECHANICAL OR FIXTURE EQUIPMENT OUTLETS WITH SUPPLIER PRIOR TO ANY ROUGH-IN WORK. PROVIDE ALL RUNS AND CONNECTIONS TO EQUIPMENT. |
| 39. | ALL TERMINATION PROVISIONS OF EQUIPMENT, INCLUDING CIRCUITS RATED 100 AMPERES OR LESS, SHALL BE RATED AT 60 DEGREE, CENTIGRADE PER CEC 110.14(c). |
| 40. | ALL LIGHT FIXTURES INSTALLED OVER FOOD HANDLING OR FOOD PREPARATION AREAS, OPEN FOOD STORAGE, AND UTENSIL WASHING AREAS SHALL BE OF SHATTERPROOF CONSTRUCTION OR SHALL BE PROTECTED WITH SHATTERPROOF SHIELDS AND SHALL BE READILY CLEANABLE. |

| ELECTRICAL ABBREVIATIONS | |
|--------------------------|--|
| SYMBOL | DESCRIPTIONS |
| A/AMP | AMPERES |
| AC | ALTERNATING CURRENT |
| AF | ABOVE FINISHED FLOOR |
| AF | ABOVE FINISHED FLOOR |
| AF | ABOVE FINISHED CEILING |
| AF | ABOVE FINISHED GRADE |
| AI | AMPERES INTERRUPTING CAPACITY (SYMMETRICAL) |
| C | CONDUIT |
| CCT | CIRCUIT |
| CKT | CIRCUIT |
| DC | DIRECT CURRENT |
| (E) | EXISTING TO REMAIN |
| EC | EMPTY CONDUIT |
| EM | EMERGENCY |
| EMT | ELECTRICAL METALLIC TUBING |
| FACP | FIRE ALARM CONTROL PANEL |
| FLA | FULL LOAD AMPS |
| FLEX | FLEXIBLE METALLIC CONDUIT |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| GND/G | GROUND |
| HP | HORSEPOWER |
| IG | ISOLATED GROUND |
| J-BOX | JUNCTION BOX |
| KVA | KILOVOLT-AMPS |
| KW | KILOWATTS |
| LTG | LIGHTING |
| MCA | MINIMUM CIRCUIT AMPACITY |
| MCB | MAIN CIRCUIT BREAKER |
| MLO | MAIN LUGS ONLY |
| MTD | MOUNTED |
| (N) | NEW |
| N | NEUTRAL CONDUCTOR (GROUNDED CIRCUIT CONDUCTOR) |
| N.I.E.S. | NOT IN ELECTRICAL SCOPE OR SPECIFICATIONS |
| NL | NIGHT LIGHT |
| PH/P | PHASE OR POLE |
| PNL | PANELBOARD |
| PVC | POLYVINYL CHLORIDE CONDUIT (SCHEDULE 40) |
| (R) | RELOCATE/RELOCATED |
| RECEP | RECEPTACLE |
| RSCC | RIGID GALVANIZED STEEL CONDUIT |
| U | UNSWITCHED |
| UNO | UNLESS NOTED OTHERWISE |
| V | VOLTAGE OR VOLTS |
| W | WATTS |
| WP | WEATHERPROOF |
| WPU | WEATHERPROOF WHILE IN USE |
| (X) | REMOVE |
| XFMR | TRANSFORMER |

| ELECTRICAL SHEET INDEX | |
|------------------------|------------------------------------|
| SHEET NO. | SHEET TITLE |
| BE01 | ELECTRICAL ABBREVIATIONS AND NOTES |
| BE02 | ELECTRICAL SYMBOL LEGEND |
| BE21 | ELECTRICAL PLANS |
| BE11 | ELECTRICAL SCHEDULES & DETAILS |

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APP: 02-118598 INC.
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REGISTERED LANDSCAPE ARCHITECT
No. 4082
EXPIRATION DATE: JULY 2021
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
No. 18211
EXPIRATION DATE: 07/31/23
ELECTRICAL
STATE OF CALIFORNIA

SHEET TITLE
ELECTRICAL ABBREVIATION AND NOTES

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
7501 CARRIAGE DRIVE CITRUS HEIGHTS, CA 95621

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

| NO. | REVISIONS | DATE |
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| | CS/MB |
| DATE ISSUED | SCALE |
| 01/20/2021 | |
| PROJ. NO. | 1819500 |
| SHEET NO. | BE01 |

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CONSULTANT
 REGISTERED PROFESSIONAL ENGINEER
 No. 18211
 Exp. 12/31/21
 ELECTRICAL
 STATE OF CALIFORNIA

SHEET TITLE
ELECTRICAL SYMBOL LEGEND

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
 CITRUS HEIGHTS, CA
 95621**

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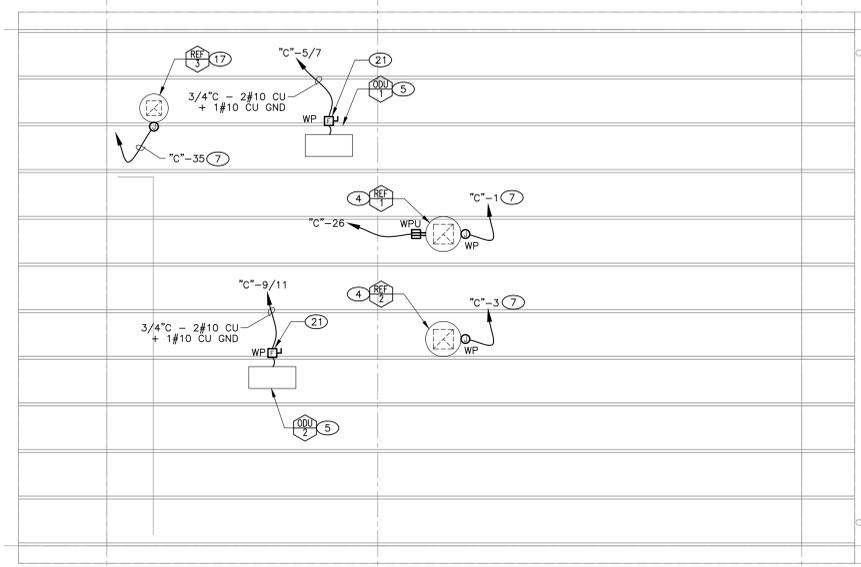
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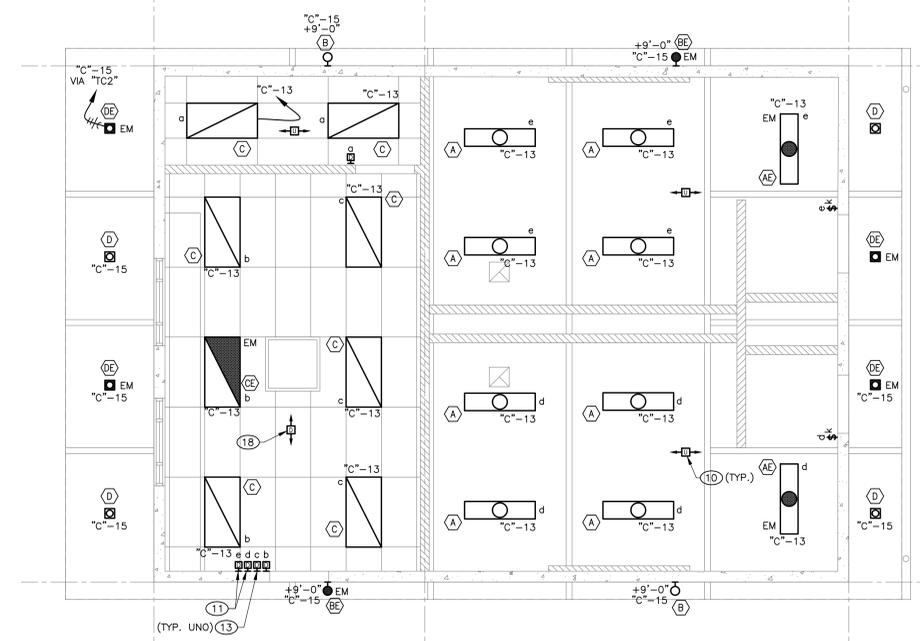
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|--------------------------|--|--------------------------|--|--------------------------|---|
| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
| LIGHTING | | | | | |
| | FLUORESCENT/LED LUMINAIRE - T-BAR LAY-IN | | GFCI FOURPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | CIRCUIT BREAKER |
| | FLUORESCENT/LED LUMINAIRE - RECESSED IN GYPBOARD | | ISOLATED GROUND GFCI FOURPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | FUSED SWITCH |
| | FLUORESCENT/LED LUMINAIRE - SURFACE | | DEDICATED GFCI FOURPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | GROUND FAULT CIRCUIT INTERRUPTER |
| | FLUORESCENT/LED LUMINAIRE - SUSPENDED | | CONTROLLED/UNCONTROLLED FOURPLEX RECEPTACLE | | GROUND |
| | FLUORESCENT/LED DIRECT/INDIRECT LUMINAIRE - T-BAR LAY-IN | | SPECIAL RECEPTACLE OUTLET, SIZE AND NEMA CONFIGURATION AS NOTED, MOUNTED @ +16" TO BOTTOM OF BOX, UNO. | | UNDERGROUND TERMINATION SERVICE LUG |
| | FLUORESCENT/LED DIRECT/INDIRECT LUMINAIRE - RECESSED IN GYPBOARD | | FLOOR MOUNTED DUPLEX RECEPTACLE, 20A, 125V FLUSH IN FINISHED FLOOR | | UTILITY METER |
| | FLUORESCENT/LED STRIP LIGHT - SURFACE OR SUSPENDED | | FLOOR MOUNTED FOURPLEX RECEPTACLE, 20A, 125V FLUSH IN FINISHED FLOOR | | UTILITY METER WITH CURRENT TRANSFORMER COMPARTMENT METER SOCKET |
| | DOWNLIGHT LUMINAIRE - RECESSED | | CEILING MOUNTED DUPLEX RECEPTACLE, 20A, 125V | | TRANSFORMER WITH GROUND |
| | WALLWASH LUMINAIRE - RECESSED | | CEILING MOUNTED FOURPLEX RECEPTACLE, 20A, 125V | | UFER GROUND |
| | LUMINAIRE - SURFACE | | JUNCTION BOX - SIZE AS REQUIRED BY CODE. (WALL MOUNTED AND REGULAR) | | BOND TO COLD WATER PIPE, GAS PIPE, BUILDING STEEL |
| | LUMINAIRE - WALL | | PLUGMOLD | | AUTOMATIC TRANSFER SWITCH |
| | LUMINAIRE - PENDANT | | POWER POLE | | NEUTRAL LINK |
| | TRACK LIGHT - SUSPENDED OR SURFACE MOUNTED | | POWER AND TELEPHONE POKE THROUGH FOR PARTITION FURNITURE | | TRANSIENT VOLTAGE SURGE SUPPRESSION |
| | CONTINUOUS LINEAR LED TAPE OR LED COVE LIGHT | | FLOOR MOUNTED COMBO DUPLEX RECEPTACLE / TELEPHONE/DATA | | NURSE CALL CONTROLLER AND TERMINAL CABINET (36"x24"x6" METAL BOX WITH LOUVERED DOOR) BY OTHERS. PROVIDE 120V, 20A CIRCUIT PER ELECTRICAL PLANS. |
| | HATCHED LUMINAIRE WITH "EM" ABBREVIATION INDICATES AN EMERGENCY LUMINAIRE WITH ADDITIONAL HOT LEG POWER CONNECTION (UNSWITCHED). | | FLOOR MOUNTED COMBO FOURPLEX RECEPTACLE / TELEPHONE/DATA | | POWER SUPPLY TERMINAL CAN (18"x22"x6" METAL BOX WITH LOUVERED DOOR) BY OTHERS. PROVIDE 120V, 20A CIRCUIT PER ELECTRICAL PLANS. |
| | SINGLE FACE EXIT SIGN. SEE LIGHTING FIXTURE SCHEDULE FOR SPECIFICATION. DIRECTIONAL ARROW AS INDICATED ON PLANS. (CEILING OR WALL) | | TELEPHONE OUTLET, 4-11/16" SQ. x 2-1/8" DEEP BOX w/ SINGLE DEVICE RING & PLATE @ +16" TO BOTTOM OF BOX & 3/4" CONDUIT STUB UP TO ACCESSIBLE CEILING SPACE, UNO | | |
| | DOUBLE FACE EXIT SIGN. SEE LIGHTING FIXTURE SCHEDULE FOR SPECIFICATION. DIRECTIONAL ARROW AS INDICATED ON PLANS. (CEILING OR WALL) | | DATA OUTLET, 4-11/16" SQ. x 2-1/8" DEEP BOX w/ SINGLE DEVICE RING & PLATE @ +16" TO BOTTOM OF BOX & 3/4" CONDUIT STUB UP TO ACCESSIBLE CEILING SPACE, UNO | | |
| | COMBINATION EMERGENCY EXIT SIGN WITH DUAL HEAD LIGHTS WITH EMERGENCY BATTERY BACK-UP. | | TELE/DATA OUTLET, 4-11/16" SQ. x 2-1/8" DEEP BOX w/ SINGLE DEVICE RING & PLATE @ +16" TO BOTTOM OF BOX & (2) 3/4" CONDUIT STUB UP TO ACCESSIBLE CLG SPACE, UNO | | |
| | BATTERY POWERED EMERGENCY EGRESS LUMINAIRE - SURFACE MOUNTED | | TELE/DATA OUTLET, 4-11/16" SQ. x 2-1/8" DEEP BOX w/ SINGLE DEVICE RING & PLATE ABOVE COUNTER AND (2) 3/4" CONDUIT STUB UP TO ACCESSIBLE CEILING SPACE, UNO | | |
| | SPOT/FLOOD LUMINAIRE - CEILING | | FLOOR MOUNTED DATA OUTLET, FLUSH IN FINISHED FLOOR - SIZE PER PLAN | | |
| | EXTERIOR POLE LUMINAIRE - ABOVE GROUND | | FLOOR MOUNTED TELEPHONE OUTLET, FLUSH IN FINISHED FLOOR - SIZE PER PLAN | | |
| | EXTERIOR POLE FIXTURE - SINGLE HEAD | | CEILING MOUNTED TELEPHONE/DATA OUTLET, FLUSH IN FINISHED FLOOR - SIZE PER PLAN | | |
| | EXTERIOR POLE FIXTURE - TWIN HEAD | | WIRELESS ACCESS POINT | | |
| | EXTERIOR PATHWAY POLE FIXTURE | | TELEPHONE TERMINAL BACKBOARD | | |
| | BOLLARD FIXTURE | | COAXIAL CABLE OUTLET | | |
| | STEP LUMINAIRE | | CLOCK | | |
| | LIGHTING CONTROLS | | INTERCOM SPEAKER AND CLOCK COMBINATION | | |
| | SINGLE POLE TOGGLE SWITCH, 20A, 120-277V @ +46" TO TOP OF BOX, UNO. | | CEILING MOUNTED SPEAKER | | |
| | THREE WAY TOGGLE SWITCH 20A, 120-277V @ +46" TO TOP OF BOX, UNO. | | WALL MOUNTED SPEAKER | | |
| | SUBSCRIPTS "a,b,c" DESIGNATE THE QUANTITY OF SWITCHES AT EACH LOCATION (TYPICAL FOR ALL SWITCH TYPES). | | SURVEILLANCE CAMERAS | | |
| | THERMAL OVERLOAD SWITCH | | 360 DEGREE CAMERA | | |
| | MOTOR RATED SWITCH | | FIXED POSITION CAMERA | | |
| | SINGLE POLE KEYED TOGGLE SWITCH 20A, 120-277 @ +46" TO TOP OF BOX, UNO. | | WEATHERPROOF FIXED POSITION CAMERA | | |
| | PUSH BUTTON | | ACCESS CONTROL | | |
| | WALL MOUNTED DECORA IN LIEU OF ROCKER SWITCH | | CARD READER | | |
| | WALL MOUNTED DIMMER SWITCH | | ELECTRONIC LOCK | | |
| | WALL MOUNTED DIGITAL DIMMER CONTROL | | INTRUSION ALARM | | |
| | WALL SWITCH OCCUPANCY SENSOR | | KEYPAD | | |
| | PIR WALL SWITCH OCCUPANCY SENSOR | | WALL/CEILING MOUNTED FIXED POSITION INTRUSION SENSOR | | |
| | DUAL TECH WALL OCCUPANCY SENSOR | | CEILING MOUNTED 360 DEGREES INTRUSION SENSOR | | |
| | DIGITAL WALL CONTROL (OVERRIDE SWITCH). RUN CABLING BACK TO LIGHTING CONTROL PANEL. | | DOOR CONTACT | | |
| | CORNER MOUNT MOTION SENSOR. DUAL TECHNOLOGY, PIR OR ULTRASONIC | | GLASS BREAK | | |
| | CEILING MOTION SENSOR. DUAL TECHNOLOGY PIR & ULTRASONIC | | POPPIT | | |
| | PIR DIGITAL CORNER SENSOR | | FIRE ALARM | | |
| | DUAL TECH DIGITAL CORNER SENSOR | | FIRE ALARM CONTROL PANEL | | |
| | ULTRASONIC DIGITAL CEILING SENSOR | | FIRE ALARM POWER SUPPLY | | |
| | PHOTO SENSOR | | FIRE ALARM ANNUNCIATOR | | |
| | SKYLIGHT PHOTOCONTROL SENSOR | | FIRE ALARM BELL | | |
| | OPEN LOOP PHOTOCONTROL SENSOR | | HEAT DETECTOR | | |
| | CLOSED LOOP PHOTOCONTROL SENSOR | | ABOVE CEILING HEAT DETECTOR | | |
| | CEILING EXHAUST FAN | | SMOKE DETECTOR | | |
| | POWER | | DUCT SMOKE DETECTOR | | |
| | MAIN SWITCHBOARD OR DISTRIBUTION PANEL, AS NOTED | | MANUAL PULL STATION | | |
| | RECESSED MOUNTED LIGHTING OR DISTRIBUTION PANEL | | END OF LINE RESISTOR | | |
| | SURFACE MOUNTED LIGHTING OR DISTRIBUTION PANEL | | TAMPER SWITCH | | |
| | RECESSED TERMINAL CABINET WITH 3/4" PLYWOOD BACKBOARD, DUPLEX RECEPTACLE & #6 CU GND, UNO. | | WATERFLOW SWITCH | | |
| | SURFACE MOUNTED TERMINAL CABINET WITH 3/4" PLYWOOD BACKBOARD, DUPLEX RECEPTACLE & #6 CU GND, UNO. | | MONITOR MODULE | | |
| | DISTRIBUTION TRANSFORMER, MOUNTING AND SIZE AS NOTED | | CONTROL MODULE | | |
| | NON-FUSED DISCONNECT SWITCH | | POST INDICATOR VALVE | | |
| | ENCLOSED CIRCUIT BREAKER DISCONNECT SWITCH | | FIRE SMOKE DAMPNER | | |
| | FUSED DISCONNECT SWITCH; SIZE DISCONNECT AND FUSES PER UNIT LABEL | | HORN SPEAKER | | |
| | NON-FUSED / FUSED DISCONNECT; SEE DISCONNECT SWITCH SCHEDULE | | WALL MOUNTED SPEAKER STROBE (15cd, 30cd, 75cd, 110cd) "cd" IS CANDELA. X1-1 RESEMBLES THE NAC CIRCUIT AND QUANTITY ON THAT CIRCUIT. | | |
| | MOTOR STARTER/CONTROLLER | | CEILING MOUNTED SPEAKER STROBE (15cd, 30cd, 75cd, 110cd) "cd" IS CANDELA. X1-1 RESEMBLES THE NAC CIRCUIT AND QUANTITY ON THAT CIRCUIT. | | |
| | COMBINATION CIRCUIT BREAKER DISCONNECT/MOTOR STARTER. | | WALL MOUNTED STROBE (15cd, 30cd, 75cd, 110cd) "cd" IS CANDELA. X1-1 RESEMBLES THE NAC CIRCUIT AND QUANTITY ON THAT CIRCUIT. | | |
| | COMBINATION FUSIBLE DISCONNECT/MOTOR CONTROLLER; PROVIDE FUSES PER MANUFACTURERE'S REQUIREMENTS. N.F. INDICATES NON-FUSED. | | CEILING MOUNTED STROBE (15cd, 30cd, 75cd, 110cd) "cd" IS CANDELA. X1-1 RESEMBLES THE NAC CIRCUIT AND QUANTITY ON THAT CIRCUIT. | | |
| | MOTOR | | | | |
| | POWER CONNECTION | | | | |
| | DUPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP | | | | |
| | ISOLATED GROUND DUPLEX RECEPTACLE, 20A, 125V @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | DEDICATED DUPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | GFCI DUPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | GFCI DUPLEX RECEPTACLE OUTLET MOUNTED ABOVE COUNTER TOP AND/OR SINK BACKSPLASH | | | | |
| | ISOLATED GROUND GFCI DUPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | DEDICATED GFCI DUPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | FOURPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | ISOLATED GROUNDED FOURPLEX RECEPTACLE 20A, 125V @ +16" TO BOTTOM OF BOX, UNO. | | | | |
| | DEDICATED FOURPLEX RECEPTACLE OUTLET 20A, 125V, @ +16" TO BOTTOM OF BOX, UNO. | | | | |

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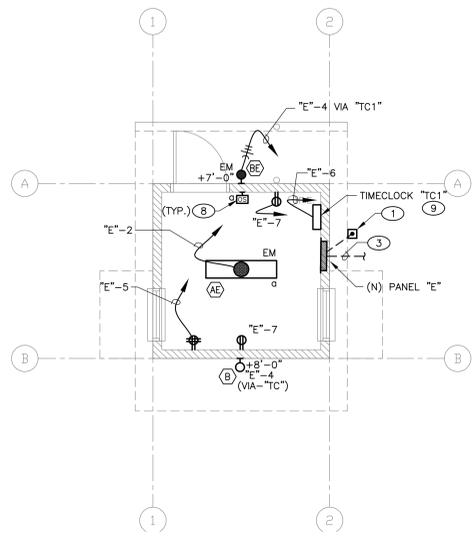
CONCESSION/RESTROOM ELECTRICAL ROOF PLAN 3

SCALE: 1/4" = 1'-0"



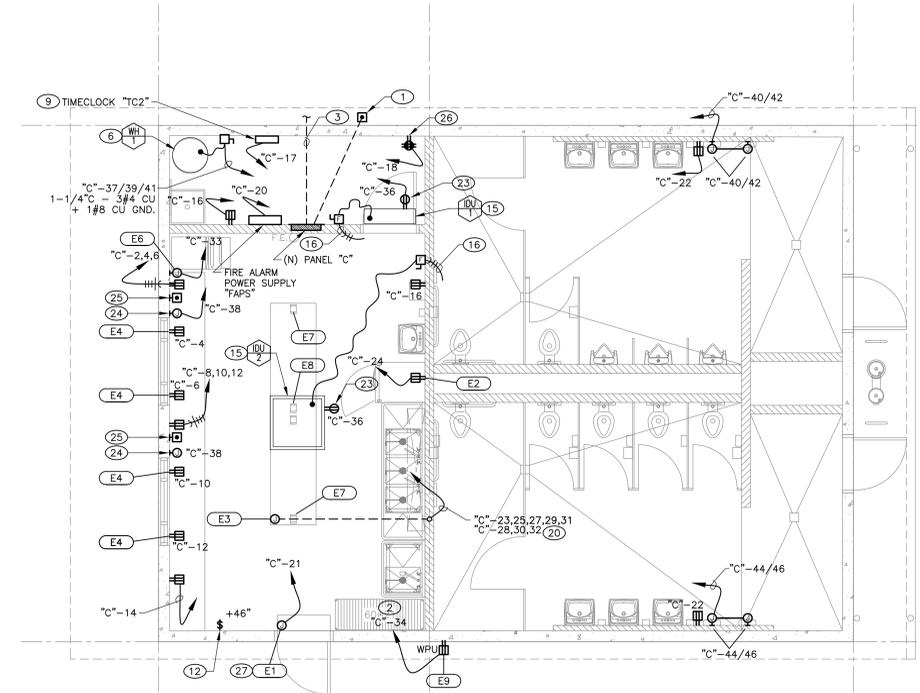
CONCESSION/RESTROOM LIGHTING PLAN 1

SCALE: 1/4" = 1'-0"



TICKET BOOTH ELECTRICAL PLAN 4

SCALE: 1/4" = 1'-0"



CONCESSION/RESTROOM POWER PLAN 2

SCALE: 1/4" = 1'-0"

KEY NOTES

- 1 CONCRETE GROUND ROD BOX WITH REINFORCED CONCRETE LID AND GROUND ROD (DETAIL 5/E3.1).
- 2 VIA SWITCH - SEE KEYNOTE #23.
- 3 UNDERGROUND CONDUIT AND FEEDERS BY OTHERS. CONTRACTOR SHALL COORDINATE EXACT PANEL LOCATION WITH INCOMING CONDUIT LOCATIONS.
- 4 115V/1Ø, 1/8 HP. FACTORY PREWIRED DISCONNECT SWITCH. INTERLOCK WITH LIGHTS.
- 5 208V/1Ø, 11 MCA, 3Ø MOC.P. ELECTRICAL CONTRACTOR TO PROVIDE DISCONNECT SWITCH.
- 6 208V/3Ø, 18KW, 50 FLA.
- 7 INTERLOCK WITH LIGHTING CONTROLS IN RESPECTIVE ROOM VIA POWER PACK.
- 8 DUAL TECHNOLOGY 0-10V DIMMING WALL SWITCH OCCUPANCY SENSOR - WATTSTOPPER DW-311.
- 9 365-DAY ASTRONOMIC TIME CLOCK, 2-CIRCUITS, 3ØA RATED CONTACTS: INTERMATIC #ET9021CR.
- 10 ULTRASONIC LOW VOLTAGE CEILING SENSOR: WATTSTOPPER #UT-300-2. PROVIDE WITH (2) POWER PACKS WATTSTOPPER BZ-200. ONE POWER PACK SHALL CONTROL THE LIGHTING VIA DIMMER SWITCH AND THE OTHER THE ROOF EXHAUST FAN.
- 11 0-10V DIMMER, LUTRON #DVSTV. PROVIDE WITH POWER PACK. INTERLOCK DIMMER WITH RESPECTIVE KEYED SWITCH IN RESTROOM.
- 12 LABEL SWITCH "POPCORN MAKER".
- 13 0-10V DIMMER, LUTRON #DVSTV. PROVIDE WITH POWE3R PACK.
- 14 NOT USED.
- 15 INDOOR UNIT POWERED FROM RESPECTIVE ODU. 208V/1Ø, 1 MCA, 15 MOC.P.
- 16 TO RESPECTIVE OUTDOOR UNIT.
- 17 115V/1Ø, 1/60 HP.
- 18 DUAL TECHNOLOGY LOW VOLTAGE CEILING SENSORS WATTSTOPPER #DT-300. PROVIDE WITH (2) POWER PACKS WATTSTOPPER BZ-200, ONE FOR EACH SWITCHLEG RUN OUTPUT OF POWER PACKS VIA RESPECTIVE DIMMER SWITCH.
- 19 MOUNT @ 5'-8" TO TOP OF PANEL.
- 20 1-1/4"Ø w/ 8#10 CU (HOT), 3#10 CU (NEUTRAL) 1#10 CU GND.
- 21 ELECTRICAL DISCONNECT SWITCHES SHALL NOT BE MOUNTED ON THE UNIT. PROVIDE STAND-ALONE MOUNT FOR CONDENSING UNIT DISCONNECT SWITCHES WITH 3'-0" CLEARANCE IN FRONT OF THE SWITCH.
- 22 NOT USED.
- 23 CONDENSATE PUMP OUTLET. COORDINATE EXACT LOCATION IN THE FIELD. COORDINATE OUTLET REQUIREMENTS WITH THE PUMP PROVIDED.
- 24 MOTORIZED ROLL-UP DOOR POWER. 120V, 2.6 FLA. COORDINATE EXACT LOCATION IN THE FIELD. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH ROLL-UP DOOR VENDOR.
- 25 ROLL-UP DOOR THREE-WAY PUSH-BUTTON STATION IN NEMA 1 ENCLOSURE. COORDINATE EXACT LOCATION WITH THE ARCHITECT.
- 26 RECEPTACLE TO BE INSTALLED INSIDE IDF CABINET.
- 27 COORDINATE WITH MECHANICAL EQUIPMENT VENDOR AND PROVIDE MICRO-SWITCH TO TURN FAN ON UPON DOOR OPENING.

GENERAL NOTES

1. CIRCUIT EM BATTERY PACKS TO UNSWITCHED LIGHTING CIRCUIT.
2. ALL ELECTRICAL EQUIPMENT/DEVICES LOCATED OUTDOORS SHALL BE WEATHERPROOF/NEMA 3R RATED.
3. PROVIDE WATERTIGHT EXPOSED CONDUIT AND WATERTIGHT BOXES AT ALL EXTERIOR CONCRETE PANEL WALLS.
4. RUN 0-10V CONTROL WIRING FROM EACH DIMMER TO LIGHTS BEING CONTROLLED.
5. REFER TO SHEET E3.1 FOR KITCHEN EQUIPMENT SCHEDULE

PRE-CAST CONCRETE WALL NOTES

1. ALL PENETRATIONS 12" OR LARGER TO BE CAST AT THE PRE-CAST MANUFACTURER'S PLANT AND WILL BE COORDINATED WITH THE ENGINEER OF RECORD AND THE PRE-CAST CONCRETE ENGINEER PRIOR TO CASTING.
2. ALL PENETRATIONS SMALLER THAN 12" SHALL BE CORED IN THE FIELD AND COORDINATED WITH THE ENGINEER OF RECORD AND THE PRE-CAST CONCRETE ENGINEER. PRIOR TO CORING, PRE-CAST ENGINEER TO REVIEW LOCATIONS TO ENSURE THE PENETRATIONS ARE NOT GOING THROUGH FLEXURAL REINFORCEMENT.
3. NO SURFACE-MOUNTED CONDUIT IS ALLOWED ON THE PROJECT. CONTRACTOR SHALL COORDINATE WITH THE PRE-CAST CONCRETE ENGINEER PRIOR TO CASTING TO ASSURE ALL CONDUITS WILL BE INSTALLED IN CONCEALED MANNER.

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No. 18211
Exp. 12/31/23
ELECTRICAL
STATE OF CALIFORNIA

SHEET TITLE
ELECTRICAL POWER FLOOR PLAN

PROJECT NAME
MESA VERDE HIGH SCHOOL ATHLETIC FACILITY IMPROVEMENTS

PROJECT ADDRESS
**7501 CARRIAGE DRIVE
CITRUS HEIGHTS, CA
95621**

| SUBMITTAL | DATE |
|-------------------------|------------|
| 50% SUBMITTAL | 08/13/2020 |
| DSA SUBMITTAL | 10/15/2020 |
| DSA BACKCHECK SUBMITTAL | 01/20/2021 |

| NO. | REVISIONS | DATE |
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