

## ARCHITEKTON Perlman Architects of Arizona

#### PROJECT DESCRIPTION

THE NORTHEAST PUBLIC SAFETY FACILITY WILL BE LOCATED AT 1333 N POWER ROAD IN MESA ARIZONA. THE NEW FACILITY WILL COMBINE A NEW FIRE/MEDICAL SERVICES STATION WITH A NEW POLICE SUBSTATION. THE PROJECT WILL IDENTIFY COMMON SPACES THAT WILL BE SHARED BY THE POLICE AND FIRE DEPARTMENTS.

#### PROJECT INFO

OWNER: CITY OF MESA MICHAELA CHELINI 480 644 5682

20 E MAIN ST - 5TH FLOOR MESA, AZ 85211 MICHAELA.CHELINI@MESAAZ.GOV

464 S FARMER AVE, STE 101

ARCHITECT: ARCHITEKTON DOUG BROWN 480 894 4637

TEMPE, ARIZONA 85281 DOUGBROWN@ARCHITEKTON.COM

PROJECT NAME
NORTHEAST PUBLIC SAFETY FACILITY

SITE AREA GROSS: 401,736 SF (9.22 ACRES) SITE: 365,055 SF (8.38 ACRES)

**ZONING** EXISTING: RS-35 PROPOSED: PS

APN 218-04-013B **BUILDING AREA** 

GROSS BUILDING AREA: 50,451 SF POLICE STATION: 28,743 SF FIRE/MEDICAL STATION: 14,937 SF COMMON USE AREAS: 6,754 SF

**BUILDING HEIGHT** 30'-0"

POLICE STATION REQUIRED: 1 SPACE PER 300 SF, PLUS 1 SPACE PER 75 SF FOR COMMUNITY ROOM 28,743 / 300 = 96 SPACES

1,535 / 75 = 21 SPACES (SHARED WITH FIRE) FIRE STATION REQUIRED:

1 SPACE PER BED, PLUS 1 SPACE PER 75 SF FOR COMMUNITY ROOM 8 BEDS = 8 SPACES 1,535 / 75 = 21 SPACES (SHARED WITH POLICE)

TOTAL REQUIRED: 125 SPACES

PUBLIC PARKING PROVIDED: 47 SPACES POLICE PARKING PROVIDED: 183 SPACES

FIRE PARKING PROVIDED: 25 SPACES TOTAL PARKING PROVIDED: 255

BICYCLE REQUIRED (PUBLIC): 1 SPACE PER 10 ON-SITE REQUIRED 1 PER 10 / 125 SPACES = 13 SPACES

BICYCLE PROVIDED (PUBLIC): 6 SPACES BICYCLE PROVIDED (SECURÉ): 16 SPACES TOTAL BICYCLE PROVIDED: 22

LANDSCAPE LANDSCAPE PUBLIC SF: 44,208 SF

LANDSCAPE SECURE SF: 82,109 SF

#### **KEYNOTES**

01.01 NEW ASPHALT PAVING, SEE CIVIL

01.02 NEW 6" CONCRETE PAVING 01.03 NEW CONCRETE CURB

01.05 CONCRETE CURB INLET, REFER TO CIVIL 01.06 CONCRETE CURB & GUTTER, REFER TO CIVIL

01.07 CONCRETE VALLEY GUTTER, REFER TO CIVIL 01.08 LANDSCAPE AREA / RETENTION 01.10 TRASH/RECYCLING - 6' HIGH CMU WALL WITH PAINTED

STEEL DOUBLE GATE 01.11 8' HIGH CMU SITE WALL

01.12 4' HIGH CMU SCREEN WALL

01.13 8' HIGH CMU SITE WALL WITH ENHANCED SITE WALL 01.14 DUAL MOTORIZED SLIDING GATES

01.15 9'-0" X 18'-0" STALL TYP

01.16 ADA PARKING SIGN 01.17 EV CONDUIT / PV CONDUIT

01.18 BUILDING MONUMENT SIGN 01.19 DOUBLE LINE STRIPING

01.20 RIP RAP AT RETENTION ENTRY 01.21 SHADE STRUCTURE OVER VEHICLE DECON AREA

01.23 MANUAL SLIDING GATE

01.24 50' TRASH ENCLOSURE CLEARANCE 01.25 EMERGENCY EGRESS ONLY

01.26 BICYCLE RACK 01.27 SITE MAN GATE

01.28 CONCRETE SIDEWALK

01.29 SITE LIGHTING

01.30 FLAG POLE 01.31 GENERATOR PAD

01.32 GATE ACCESS KEYPAD 02.01 EXISTING STREET LIGHT, REFER TO CIVIL 02.02 EXISTING ELECTRICAL CABINET, REFER TO CIVIL

02.03 EXISTING POWER POLE, REFER TO CIVIL

02.04 EXISTING SEWER MANHOLE, REFER TO CIVIL 02.05 EXISTING MEDIAN TO BE REVISED, REFER TO CIVIL



### NORTHEAST PUBLIC SAFETY FACILITY

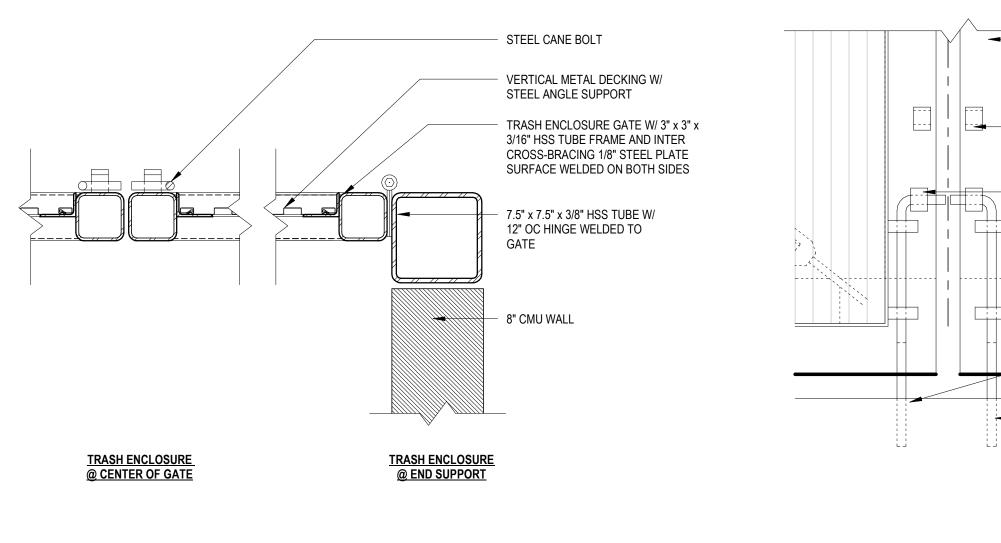
CITY OF MESA 1333 N POWER ROAD MESA, ARIZONA 85207

**DELTA REVISIONS** DESCRIPTION



PROJECT # 20112 **ISSUE DATE** 06/17/22 ISSUE NAME DRB SUBMITTAL PLOT DATE 6/17/2022 3:10:18 PM

ARCHITECTURAL SITE \_ PLAN



(CLOSED POSITION) 1/2" TIE RODS WITH HOOKED ENDS WELDED TO 3/8" GUSSET PLATES, TURNBUCKLE 5" DRILL, 4" THROW FOR ACTIVE LEAF ONLY AT 10 DEGREE AND 90 DEGREE OPEN POSITIONS 5" DRILL, 4" THROW AT CLOSED AND 90 DEGREE OPEN POSITIONS

C4 TRASH ENCLOSURE CANE BOLT

STEEL TUBE FRAMING,

SEE DETAILS

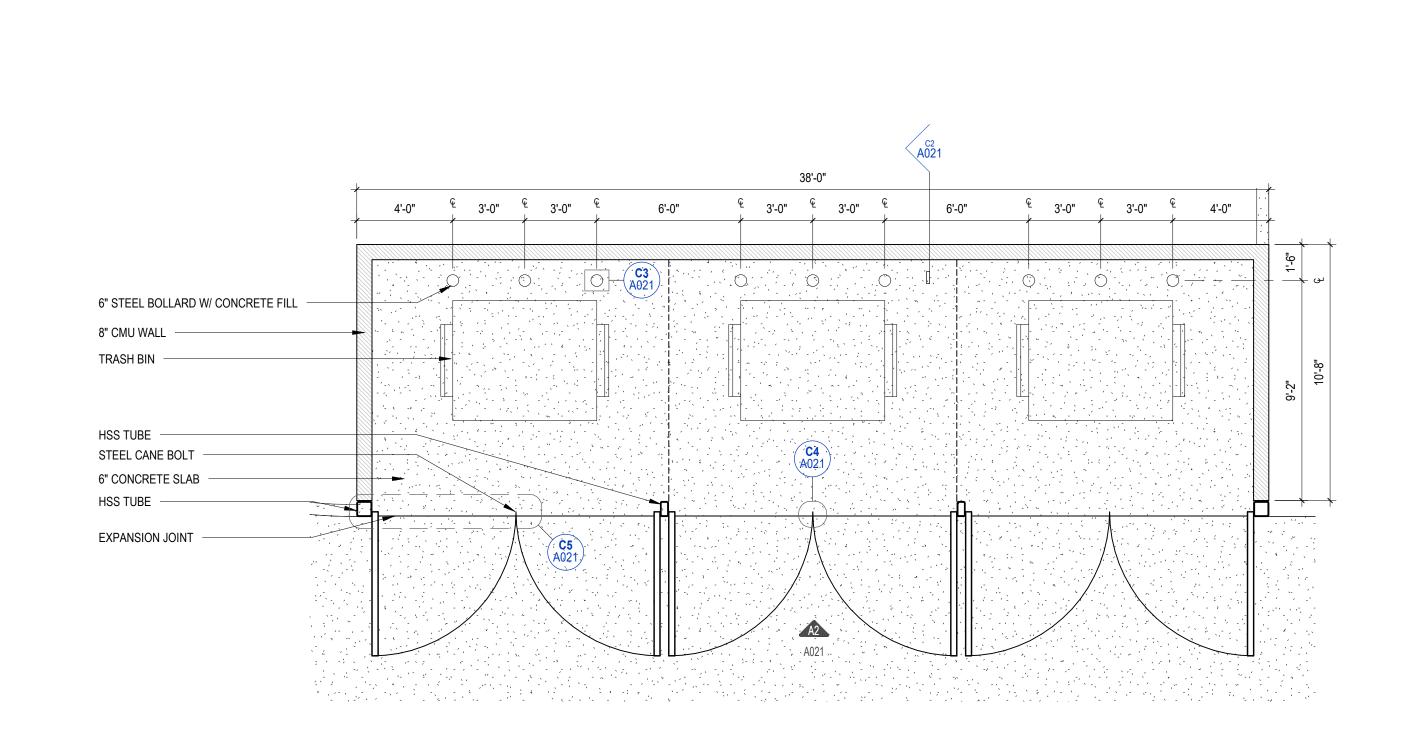
STEEL ANGLE,

SEE DETAILS

STEEL PLATE RESTS

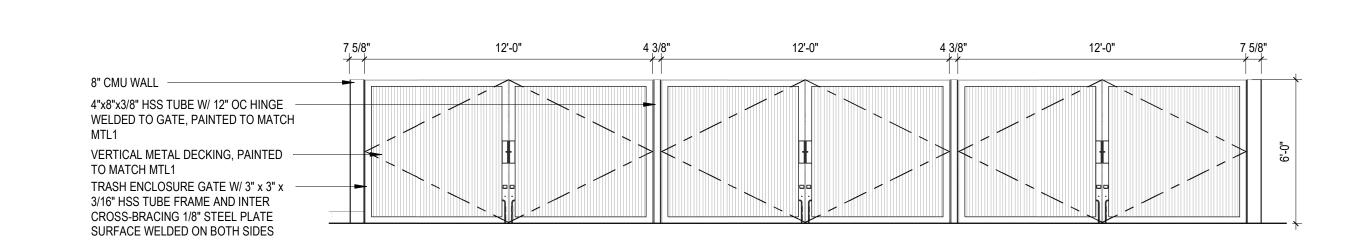
STEEL PLATE RESTS

(OPEN POSITION)



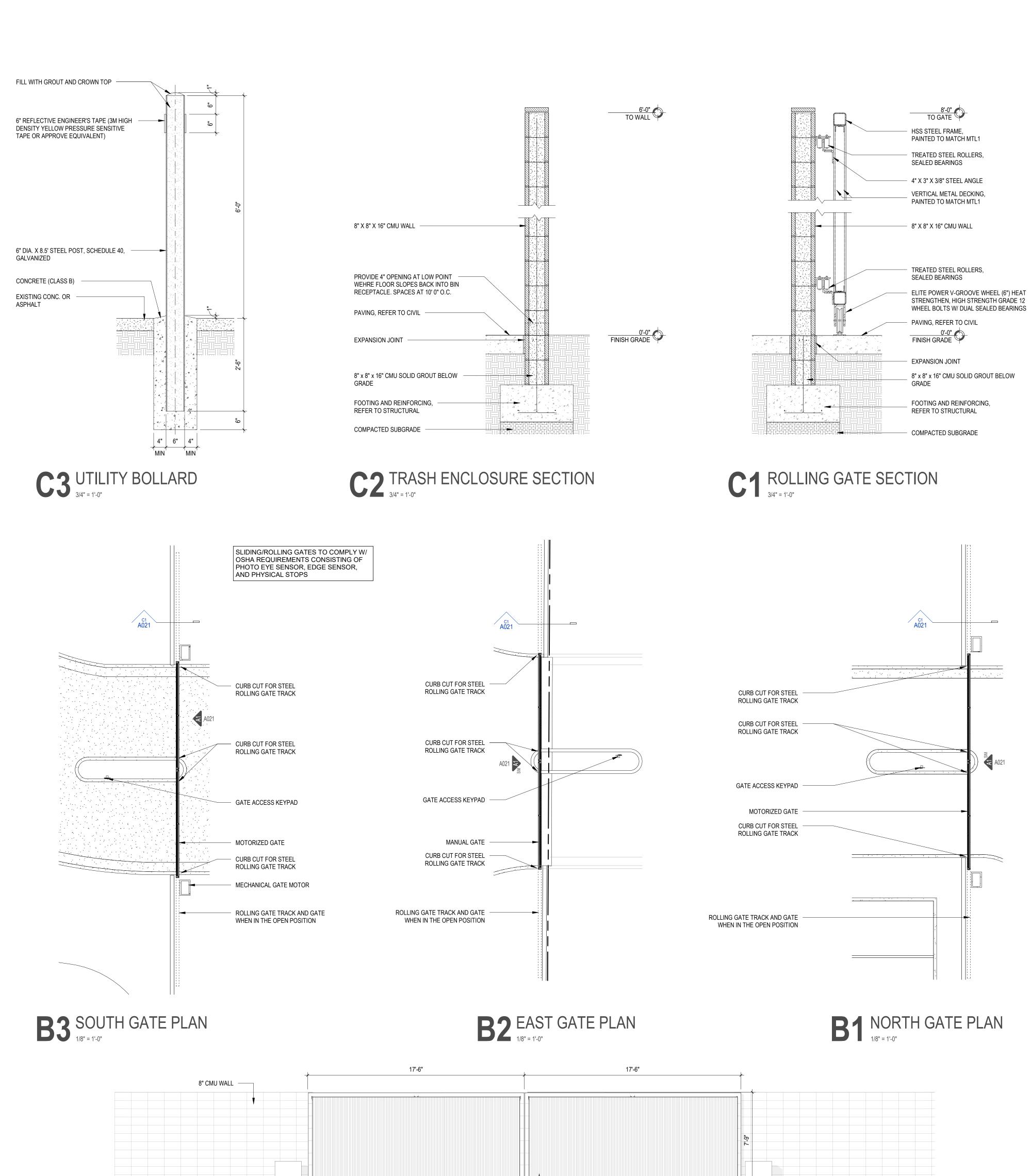
B4 TRASH ENCLOSURE PLAN
1/4" = 1'-0"

C5 TRASH ENCLOSURE JAMBS



A2 TRASH ENCLOSURE ELEVATION

1/4" = 1'-0"



VERTICAL METAL DECKING BOTH SIDES, PAINTED TO MATCH MTL1

A 1 ROLLING GATE ELEVATION

1/4" = 1'-0"

MECHANICAL GATE MOTOR ——

MECHANICAL GATE W/ HSS TUBE

FRAME PAINTED TO MATCH MTL1

DOUGLAS R. EXPIRES 03/31/2023 PROJECT # 20112 **ISSUE DATE** 06/17/22 ISSUE NAME DRB SUBMITTAL PLOT DATE 6/17/2022 3:10:37 PM

**NORTHEAST PUBLIC** 

SAFETY FACILITY

CITY OF MESA

**DELTA REVISIONS** 

1333 N POWER ROAD

MESA, ARIZONA 85207

# ARCHITEKTON Perlman

NORTHEAST PUBLIC

**SAFETY FACILITY** 

DESCRIPTION

CITY OF MESA

**DELTA REVISIONS** 

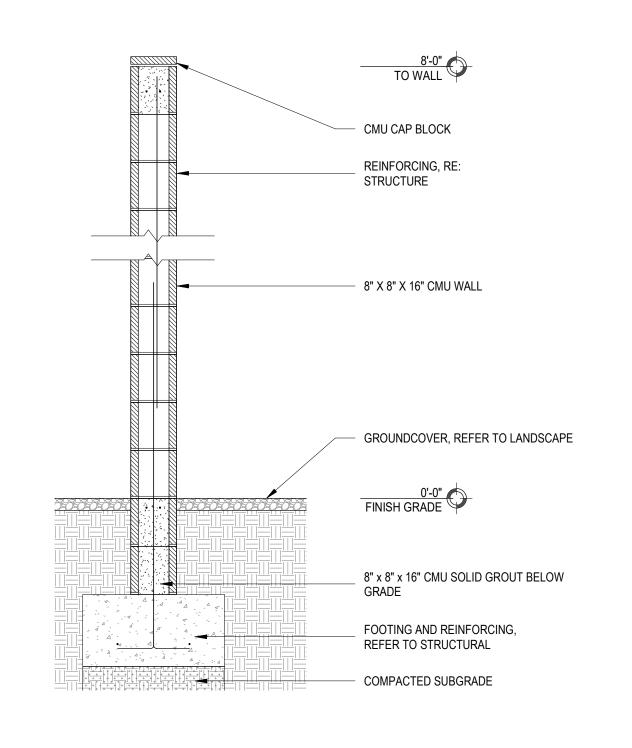
DOUGLAS R. BROWN

EXPIRES 03/31/2023

SITE DETAILS

PROJECT # 20112 **ISSUE DATE** 06/17/22 ISSUE NAME DRB SUBMITTAL PLOT DATE 6/17/2022 3:10:41 PM

1333 N POWER ROAD MESA, ARIZONA 85207



C3 TYPICAL SITE WALL SECTION

3/4" = 1'-0"

**B2** ADA PARKING SIGNAGE DETAILS

4'-0" TO WALL - CMU CAP BLOCK REINFORCING, RE: STRUCTURAL CONCRETE SLAB OVER 4"
AGGREGATE BASE WHERE OCCURS FOOTING, RE: STRUCTURAL 0'-0" FINISH GRADE

C2 TYPICAL MASONRY SCREEN WALL

3/4" = 1'-0"

RESERVE

**-**VAN

VAN ACCESSIBLE SIGN VARIATIONS

 A
 B
 C
 D
 E
 F
 G
 H
 J
 K
 L

 12
 6
 0.375
 0.438
 1.5
 1.5 D
 0.5
 1 D
 1.871
 3.859
 1.5

 18
 9
 0.375
 0.438
 2.25
 2 D
 1
 1.5 D
 2.493
 5.781
 1.5

ACCESSIBL

- 0.25" GREEN

LETTERING, TYP.

(RETROFLECTIVE) BAND, TYP.

GREEN (RETROFLECTIVE)

BLUE (RETROFLECTIVE)

ACCESSIBILITY SYMBOL

BLACK BACKGROUND

- WHITE (RETROFLECTIVE) OR

GREEN (RETROFLECTIVE)

(RETROFLECTIVE) BAND, TYP.

LETTERING, TYP.

0.25" GREEN

ZINC SIGNAGE, CHARCOAL COLOR, 1" THICK, BACKLIT, AND MECHANICALLY FASTENED TO CMU WALL.

FONT IS TO BE AVENIR 35 HEAVY, PER CITY OF MESA STANDARDS. CENTER SIGN ON CMU SITE WALL.

Northeast Public Safety Facility

<u>NOTES</u>

COMPONENT SYSTEM.

'C' GREEN RETROFLECCTIVE COLOR.

DIMENSIONED ON COM DETAIL M-23.06.

1. SIGN BLANK MATERIAL SHALL BE WHITE PRESSURE

2. FILM SHALL BE RETROFLECTIVE ELECTRO-CUT AND APPLIED OVER THE WHITE SHEETING TO CREATE THE

COLORED BORDER, TEXT AND LEGEND. THE FILM SHALL BE

TRANSPARENT ACRYLIC, PRESSURE SENSITIVE MATERIAL BY 3M OR APPROVED EQUAL AND BE IN COMPLIANCE WITH

THE REFLECTIVE SHEETING MANUFACTURERS MATCHED

3. ALL LETTERING AND BORDER BANDS SHALL BE A SERIES

4. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL

5. SIGN(S) SHALL BE LOCATED AND FASTNED ON A SQUARE TUBULAR POST, PER COM DETAIL M-39, AS SHOWN AND

-GREEN (RETROFLECTIVE) OR BLACK

(RETROFLECTIVE) FIELD WITH 1/2" RADIUS CORNERS.

BE WHITE (RETROFLECTIVE) ON A 5" X 5" BLUE

BACKGROUND -WHITE (RETROFLECTIVE)

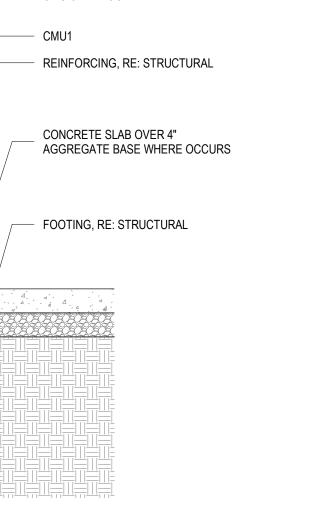
DIRRECTIONAL APPLICATION COLORS:
LEGEND -WHITE (RETROFLECTIVE\_

BACKGROUND -BLUE (RETROFLECTIVE)

- ZINC SIGNAGE, CHARCOAL COLOR, 1" THICK, BACKLIT, AND MECHANICALLY FASTENED TO CMU WALL. FONT IS TO BE AVENIR 35 HEAVY, PER CITY OF MESA STANDARDS. CENTER SIGN ON CMU WALL.

SENSITIVE ASTM TYPE IV WIDE ANGLE PRISMATIC

REFLECTIVE SHEETING OR APPROVED EQUAL



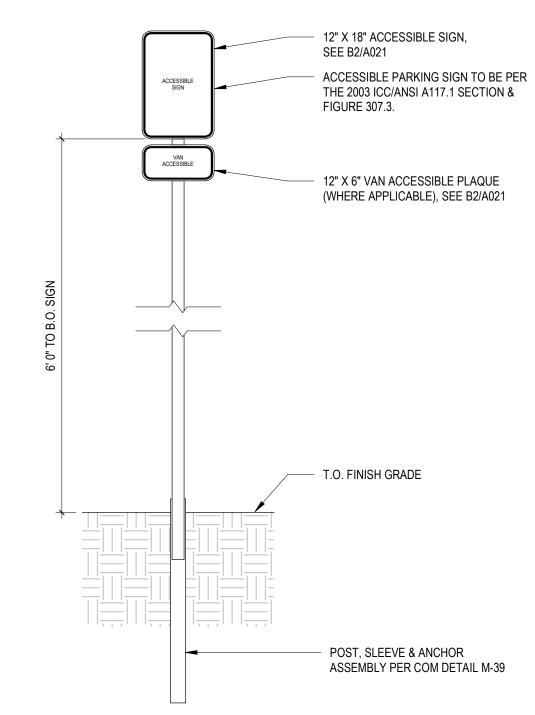
C1 ENHANCED SITE WALL PATTERN, TYP.

1/2" = 1'-0"

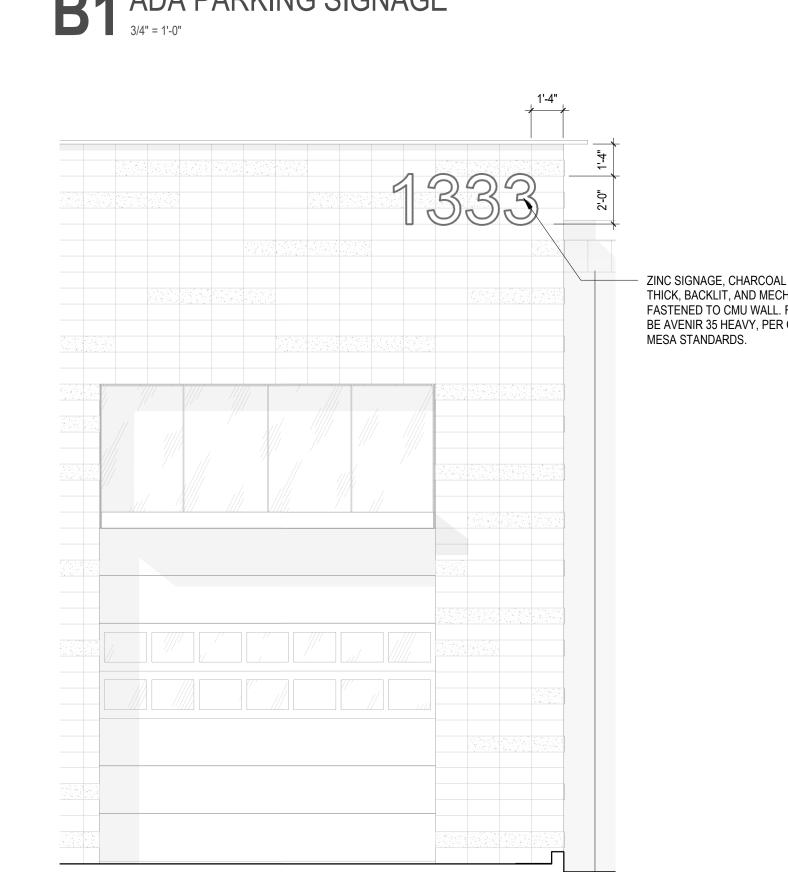
WITH 80% CMU1 AND 20% CMU2

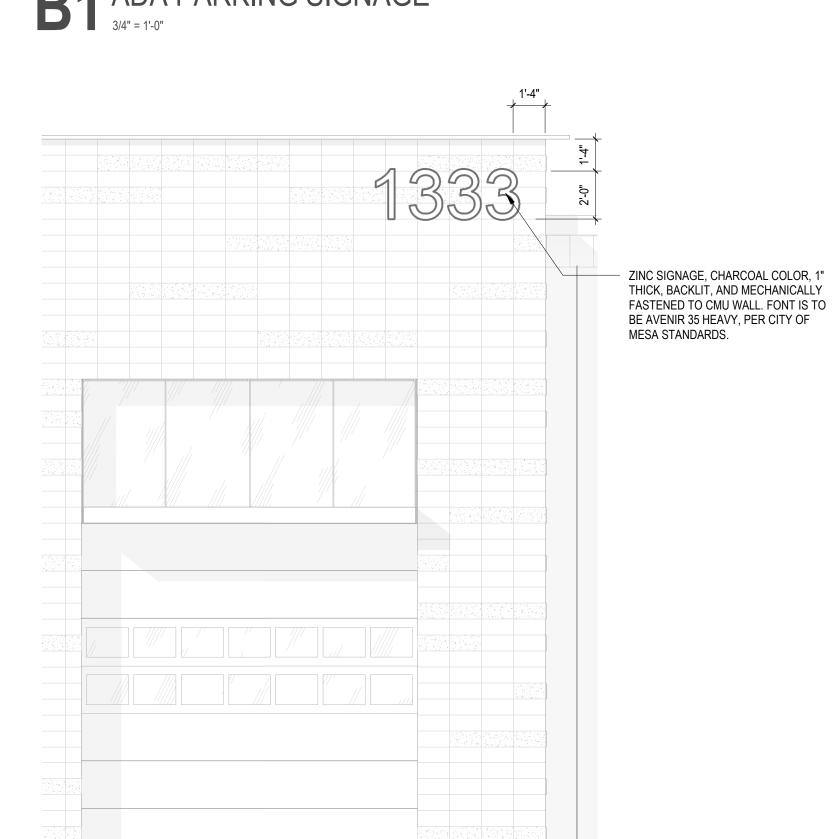
CMU SITE WALLS THAT ARE VISIBLE BY THE PUBLIC SHOULD BE ENHANCED TO HAVE THE SAME PATTERN AS THE BUILDING,

13'-4"

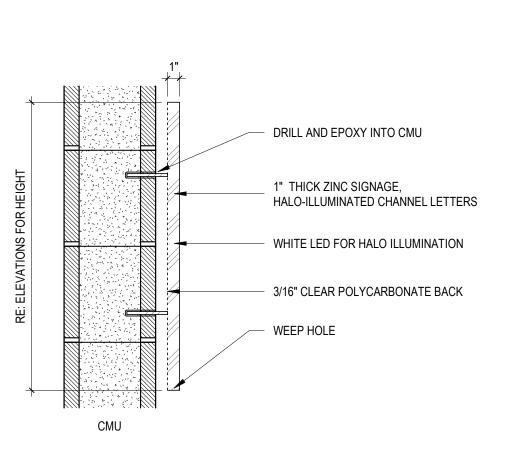


**B1** ADA PARKING SIGNAGE
3/4" = 1'-0"





A 1 BUILDING ADDRESS NUMBER



A3 MONUMENT SIGN
1/4" = 1'-0" TYPICAL SIGNAGE MOUNTING

1 1/2" = 1'-0"

A2 MESA LOGO SIGN

1/4" = 1'-0"