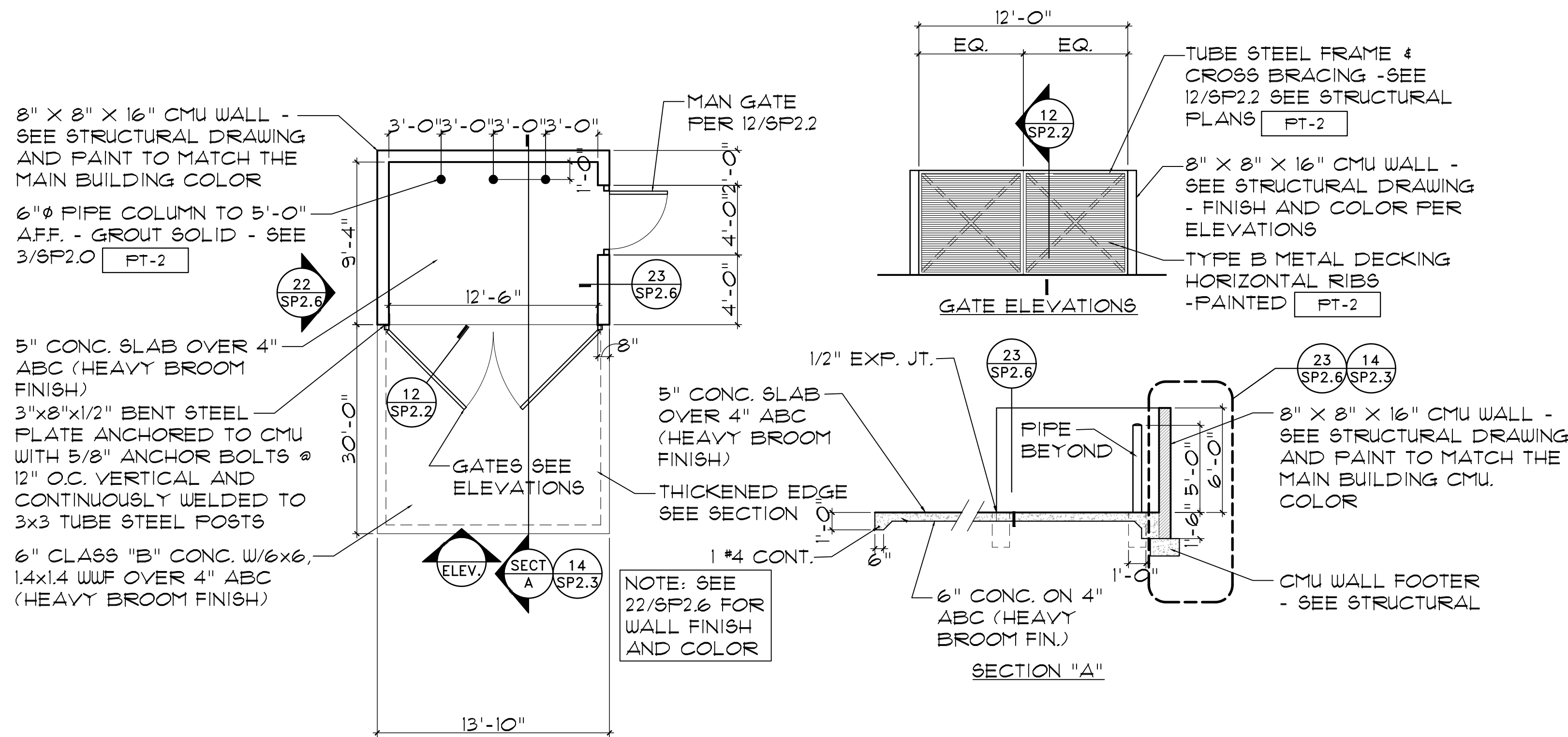


SINGLE OR PAIRED BACK TO BACK ACCESSIBLE SPACES WITH ACCESS AISLE
NTS

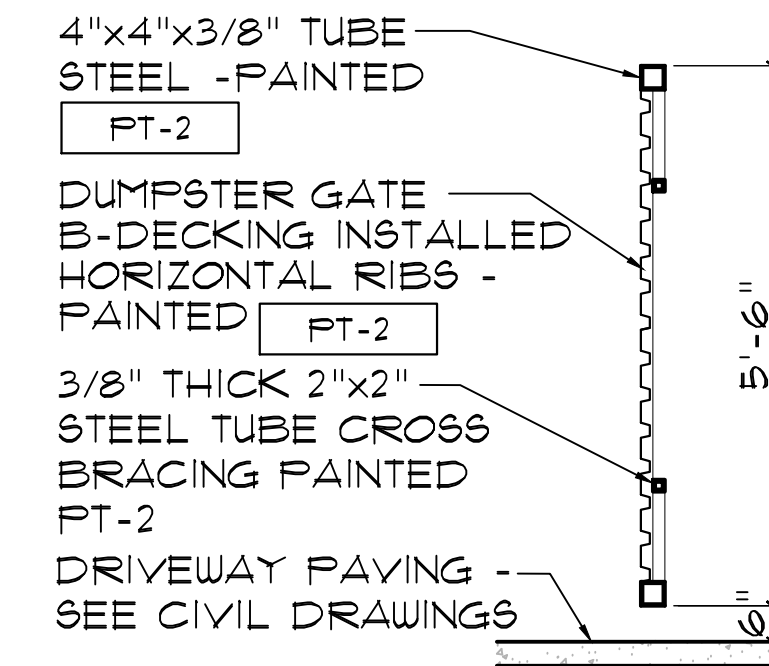
SINGLE OR PAIRED SPACES WITH ACCESS AISLE
NTS

NOTES:

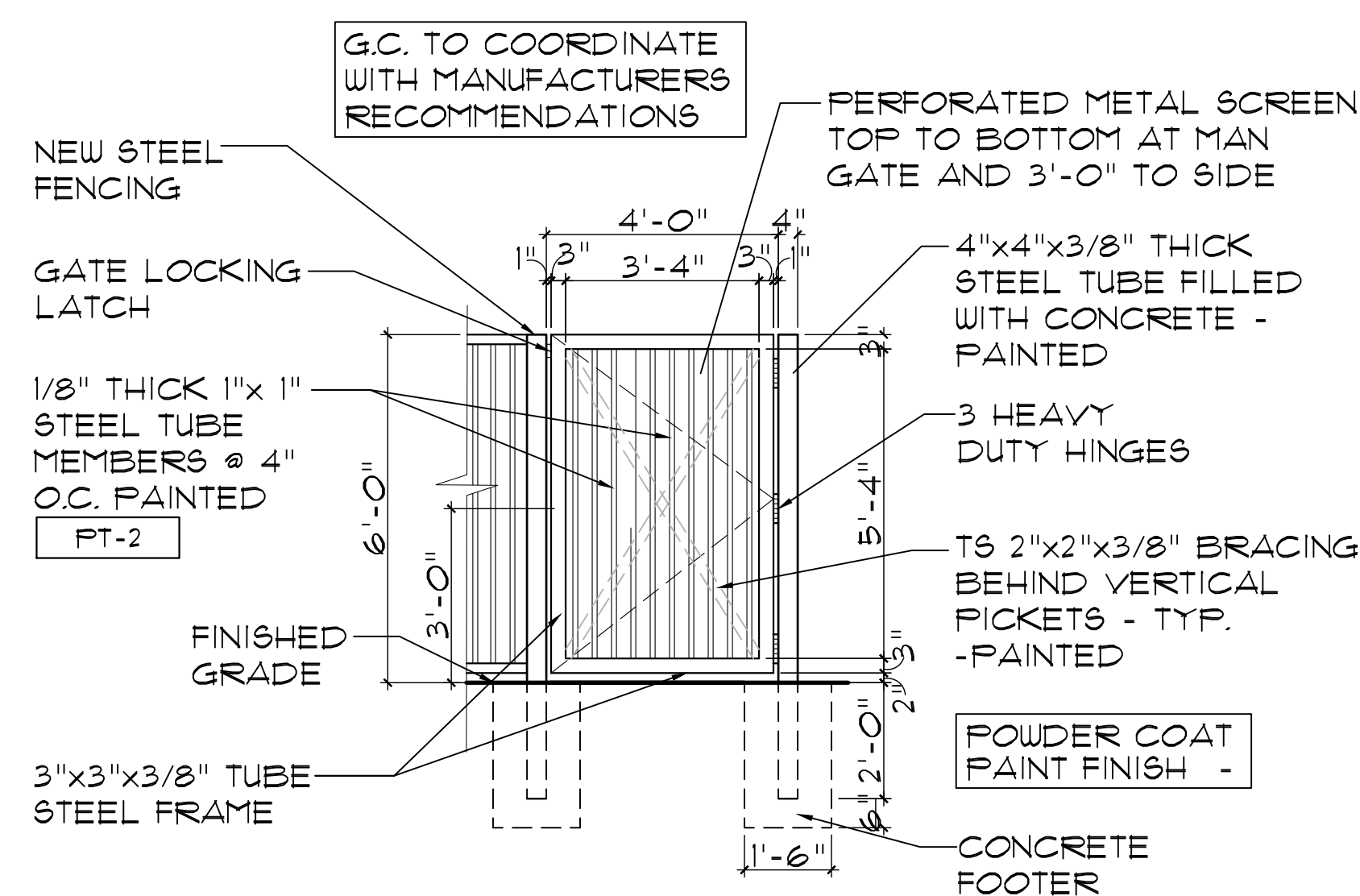
- 5' Access Aisle Required
- Accessible Spaces Must be Prominently Outlined in Colors or Materials Contrasting from Regular Parking Spaces.
- 4" Outline Striping Required (Traffic Yellow Preferred)
Access Aisle shall be Clearly Marked (Cross Hatching Stripes Spaced 2' on Center Preferred)
- International Accessible Symbol Required Blue and Yellow Symbol Preferred
Symbol can be Displayed Without Blue Background
- 4% of the Required Parking Spaces Must be Accessible
- Maximum Slope of Parking and Maneuvering Area is 1:50
- When a Single Accessible Parking Space is Installed, the Space shall be a Van Accessible Space, and the Access Aisle shall be on the Passenger's Side.
- The front length of the space may be in a curb or low planter of a maximum height of six (6) inches and a maximum depth of two (2) feet. See Revised City Code Appendix B, Article IX, Sec. 9.106.
- If sidewalk is detached from curb a minimum of 3 1/2 feet, the width of sidewalk may be 4 feet min., 5 feet preferred. See Revised City Code Appendix B, Article IX, Sec. 9.106.



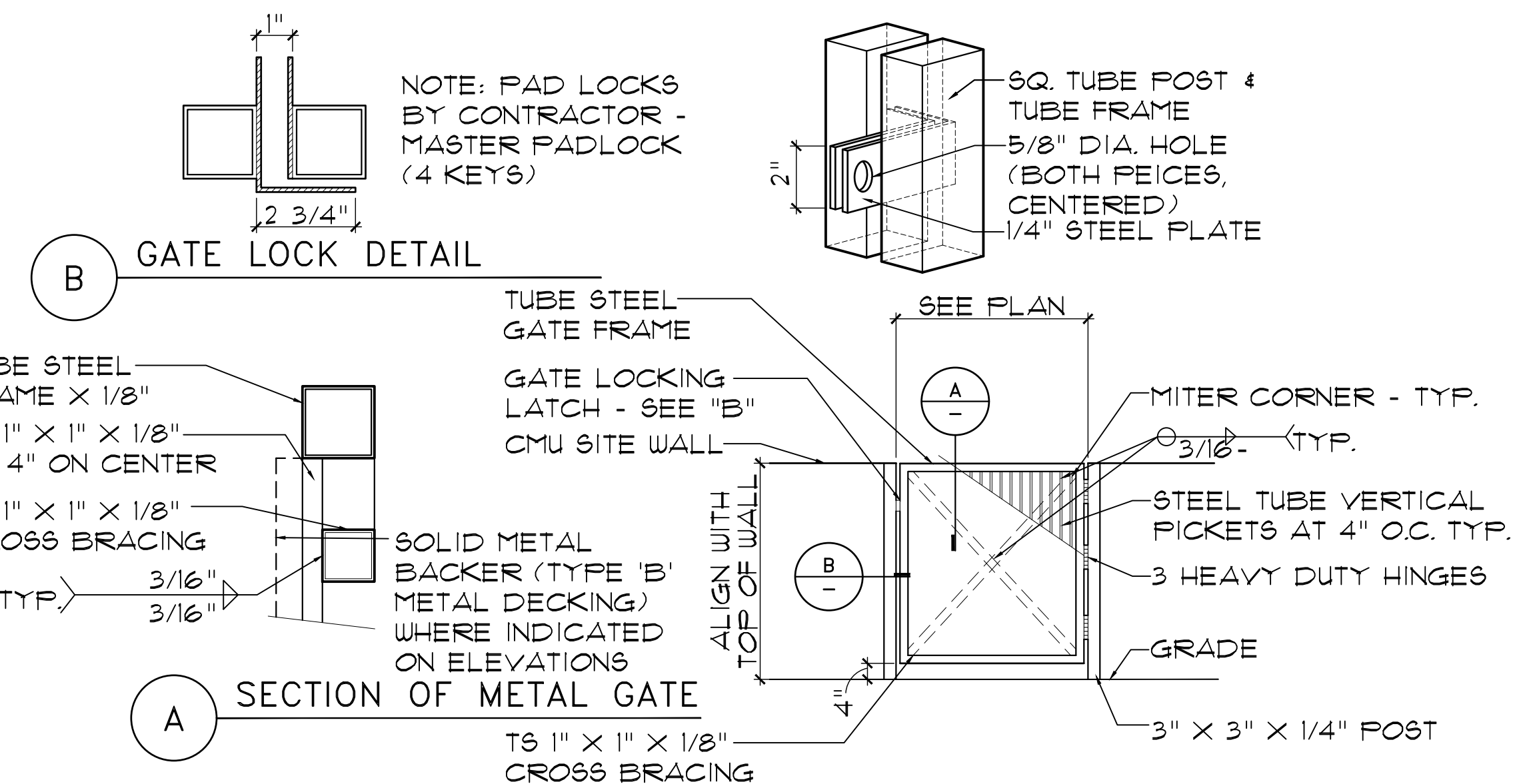
11 REFUSE ENCLOSURE DETAILS
SCALE: 1/4"=1'-0"



12 TRASH ENCLOSURE GATE SECTION
SCALE: 1/2"=1'-0"

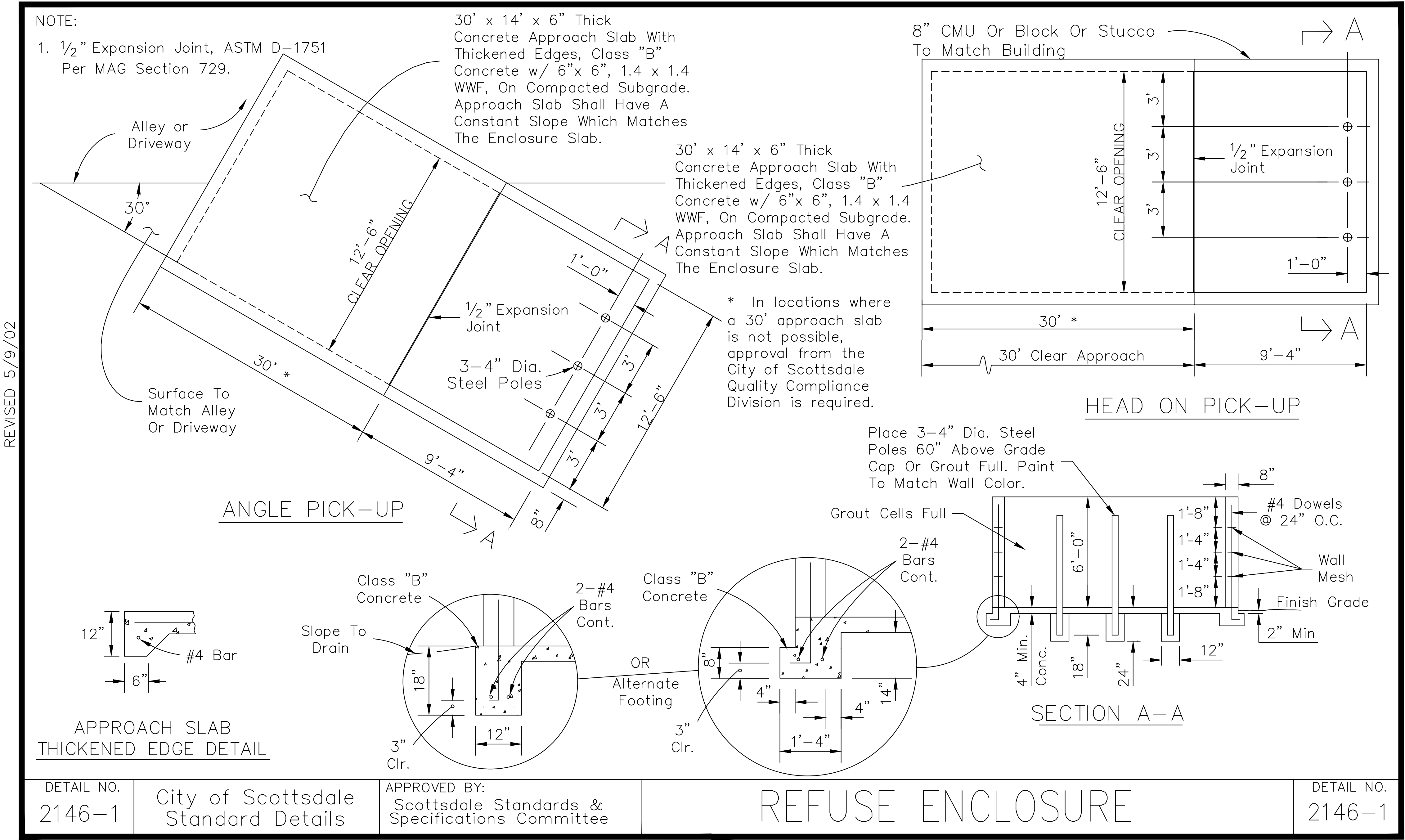


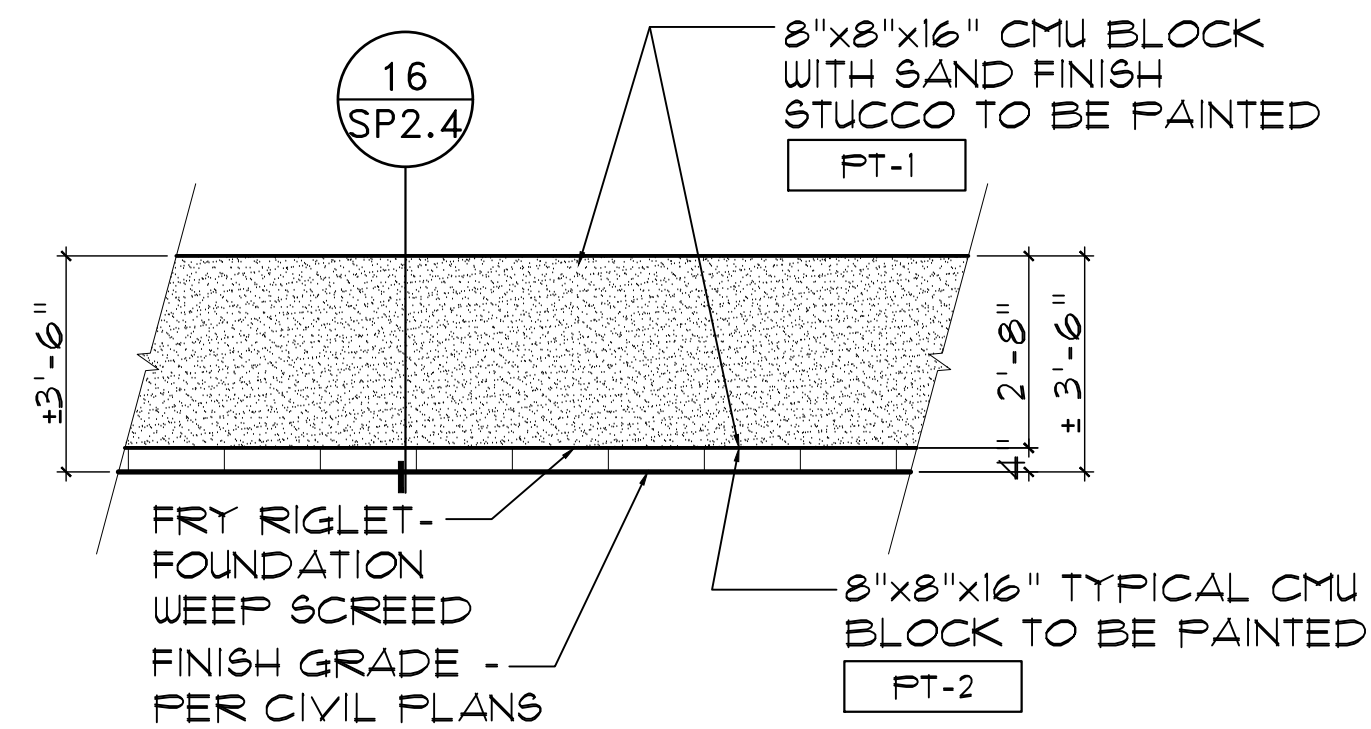
13A TYPICAL GATE ELEVATION
SCALE: 1/2"=1'-0"



13B GATE DETAILS
SCALE: N.T.S.

13 MAN GATE DETAILS
SCALE: N.T.S.





15 LOW SITE SCREEN WALL ELEVATION
SCALE: 1/2"=1'-0"

NOTES:

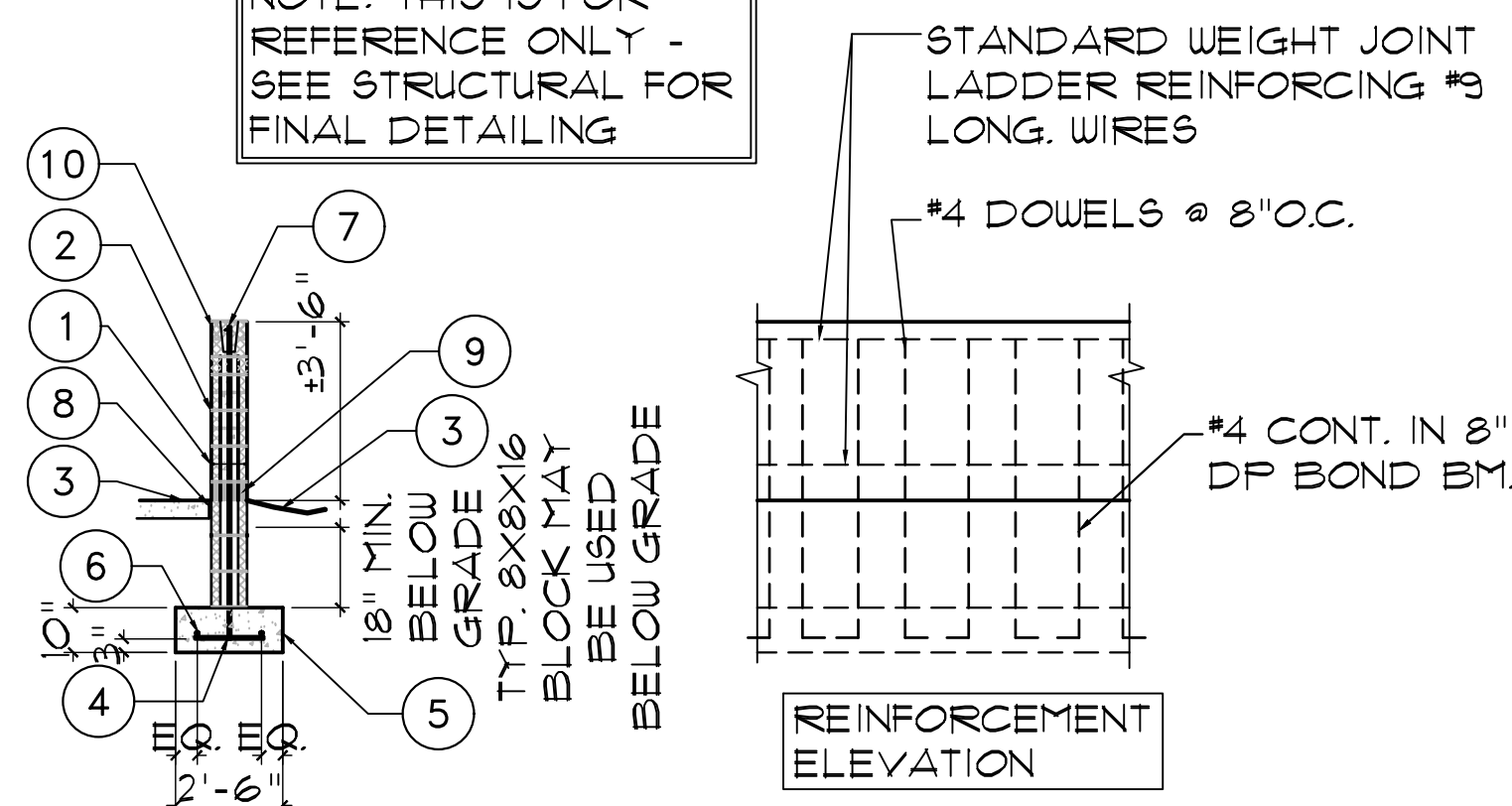
- 1 STANDARD WEIGHT JOINT LADDER REINFORCING #3 LONG. WIRES
- 2 8x4x16 CMU MASONRY WALLS WITH #4 VERTS AT 8" O.C. GROUT CELLS SOLID FULL HEIGHT
- 3 6" CONCRETE SLAB
- 4 DOWELS TO MATCH AND LAP VERTICAL WALL REINFORCING PER G.S.N. - ALTERNATE BENDS.
- 5 CONCRETE FOOTING
- 6 (2) #4 CONTINUOUS
- 7 #4 CONT. IN 8" DP. BOND BM.
- 8 EXPANSION JOINT - SEE NOTE ON MATERIAL ON DETAIL 13/SP2.1
- 9 PROVIDE 4" H. OPENING AT LOW POINTS WHERE SLAB SLOPES BACK INTO BIN RECEPTACLE - SPACE AT 10'-0" O.C.
- 10 SOLID CAP BLOCK

MINIMUM, APPROVED MATERIALS:

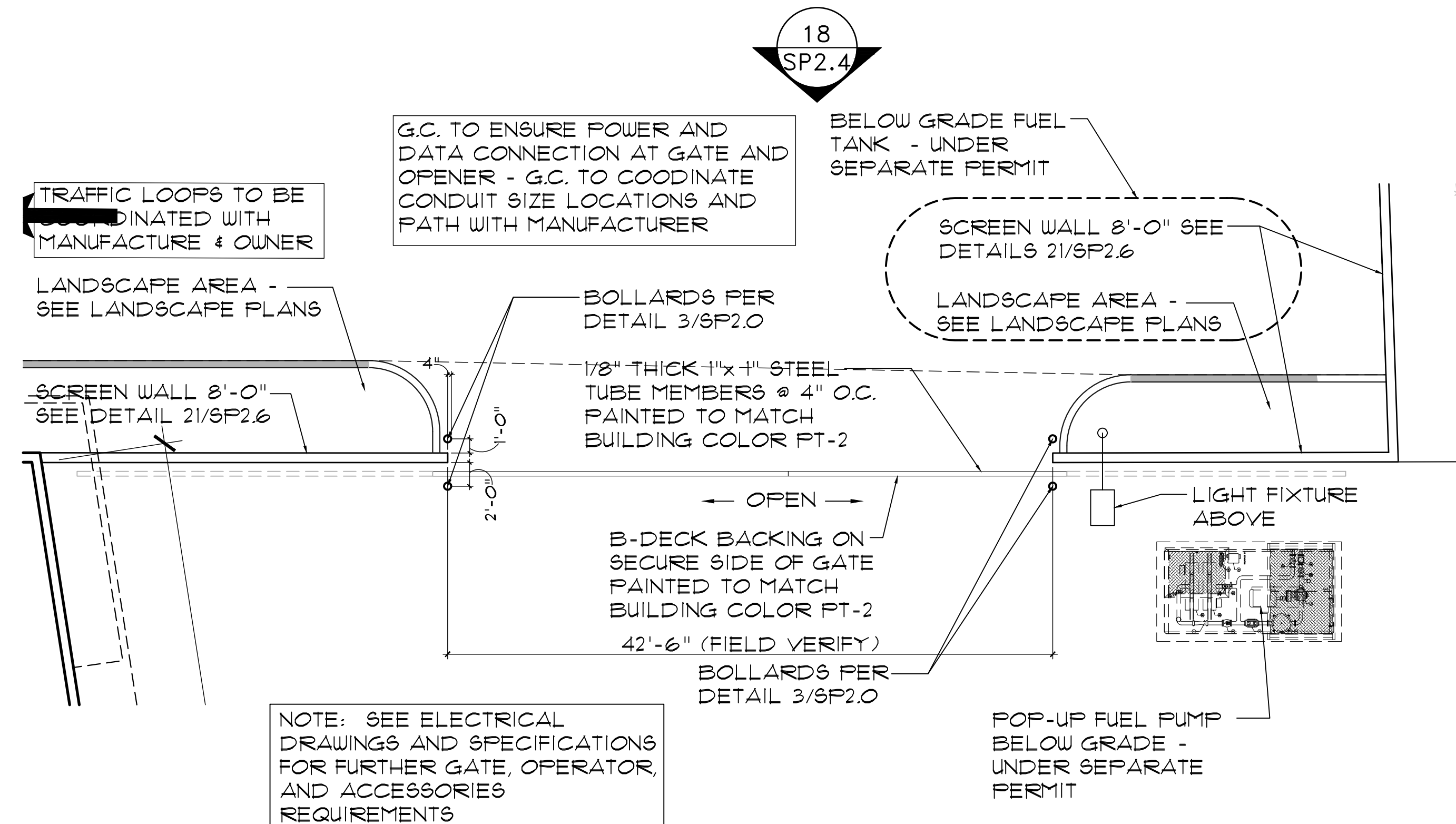
CONCRETE	F'C = 2000 PSI
REINFORCING	FY = 40,000 PSI
CMU	F'M = 1350 PSI
MORTAR	ASTM TYPE S
GROUT	F'C = 2000 PSI
DUROWALL	FY = 80,000 PSI

NOTE: ALL CELLS TO BE GROUTED SOLID FULL HEIGHT

NOTE: THIS IS FOR REFERENCE ONLY - SEE STRUCTURAL FOR FINAL DETAILING



16 LOW SITE SCREEN WALL SECTION
SCALE: 1/2"=1'-0"



17 SLIDE GATE ENLARGED PLAN
SCALE: 3/16"=1'-0"

NOTE: PROVIDE PAD LOCK ON EXTERIOR SIDE OF GATE TO SECURE

B-DECK BACKING ON SECURE SIDE OF GATE PAINTED PT-2

DRIVE WIDTH - SEE SITE PLAN GATE DIMENSION TO BE A MIN. 8" LONGER FIELD VERIFY DIMENSIONS

NOTE: KNOX BOX ACCESS SYSTEM- COORD. W/ SCOTTSDALE FIRE DEPT.- APPLICATION CAN BE OBTAINED @ 4141 N. GRANITE REEF #100, (480) 627-6610-12

SIGNAGE ON GATE AS REQUIRED PER CITY CODE

NOTE: PAINT GATE - PT-2

1/8" THICK 1" x 1" STEEL TUBE MEMBERS @ 4" O.C. PAINTED TO MATCH BUILDING COLOR PT-2

4" x 4" x 3/8" TUBE STEEL STEEL FRAME PAINTED TO MATCH BUILDING COLOR PT-2

ADJACENT SITE WALL PER SITE WALL DETAILS

CONCRETE CURB - SEE CIVIL DRAWINGS

WHEEL AND V-TRACK PER MANUFACTURER'S PRINTED REQUIREMENTS

8'-0" STRIP OF REFLECTIVE MATERIAL ON GATE

WHEEL AND V-TRACK PER MANUFACTURER'S PRINTED REQUIREMENTS

WHEEL STOP AT EACH END OF V-TRACK

18 SIDE GATE ELEVATION
SCALE: 3/16"=1'-0"

MINIMUM, APPROVED MATERIALS:	
CONCRETE	F'C = 2000 PSI
REINFORCING	FY = 40,000 PSI
CMU	F'M = 1350 PSI
MORTAR	ASTM TYPE S
GROUT	F'C = 2000 PSI
DUROWALL	F'Y = 80,000 PSI

- 1 STANDARD WEIGHT JOINT
LADDER REINFORCING #3 LONG.
WIRES
- 2 8X8X16 CMU MASONRY WALLS
WITH #4 VERTS AT 8" O.C. GROUT
CELLS SOLID FULL HEIGHT
- 3 6" CONCRETE SLAB
- 4 DOWELS TO MATCH AND LAP
VERTICAL WALL REINFORCING
PER G.S.N. - ALTERNATE BENDS.
- 5 CONCRETE FOOTING
- 6 (2) #4 CONTINUOUS
- 7 #4 CONT. IN 8" DP. BOND BM.
- 8 EXPANSION JOINT - SEE NOTE
ON MATERIAL ON DETAIL 13/SP.2.
- 9 PROVIDE 4" H. OPENING AT LOW
POINTS WHERE SLAB SLOPES
BACK INTO BIN RECEPTACLE -
SPACE AT 10'-0" O.C.

2" ROUNDED MORTAR CAP

ALIGN NORTH FACE OF WALL WITH PROPERTY LINE

2"

6'-8" (8'-0" MAXIMUM)

18" MIN.

BELOW GRADE

EQ. EQ.

Diagram labels: 1, 2, 3, 4, 5, 6, 7, 8, 9

Detailed description: This technical drawing shows a cross-section of a wall. At the top, a '2" ROUNDED MORTAR CAP' is indicated. The wall's 'NORTH FACE' is aligned with the 'PROPERTY LINE'. A vertical dimension of '2"' is shown for the mortar cap. The main wall body has a height of '6'-8" (8'-0" MAXIMUM)'. Below the ground level, which is marked '18" MIN.' below grade, there is a foundation section. This section includes a '2" ROUNDED MORTAR CAP' at the base and is labeled 'EQ. EQ.' at the bottom. Various components are numbered 1 through 9. Component 1 points to the main wall body. Component 2 points to the mortar cap. Component 3 points to a horizontal reinforcement or joint. Component 4 points to the base of the wall. Component 5 points to the foundation. Component 6 points to a vertical reinforcement or joint. Component 7 points to the top of the wall. Component 8 points to the mortar cap. Component 9 points to the foundation. The drawing also shows a 'BELOW GRADE' line and a 'PROPERTY LINE'.

Diagram illustrating the components and dimensions of a pile foundation:

- 1: Reinforcement (top section)
- 2: Reinforcement (middle section)
- 3: Reinforcement (bottom section)
- 4: Pile cap
- 5: Pile cap reinforcement
- 6: Pile cap reinforcement
- 7: Reinforcement (top section)
- 8: Reinforcement (middle section)
- 9: Reinforcement (bottom section)

Dimensions:

- 2" (top section)
- 6'-8'-0" (MAXIMUM) (middle section)
- 2'-6" (bottom section)
- 18" MIN. (pile diameter)

BELOW GRADE

19 SIDE GATE SECTION
SCALE: 1/2"=1'-0"

Larson

Larson Associates Architects, Inc.
3807 North 24th Street, Suite 100
Phoenix, AZ 85016
602.955.9929 602.954.4790 FAX
design@larson-architects.com

TTY JENKINS HANGAR
 16061 NORTH 81ST STREET
 SCOTTSDALE, AZ
 APN: 215-48-054



Drawing Name:
SITE DETAILS

Revisions

Date: 11/6/2020

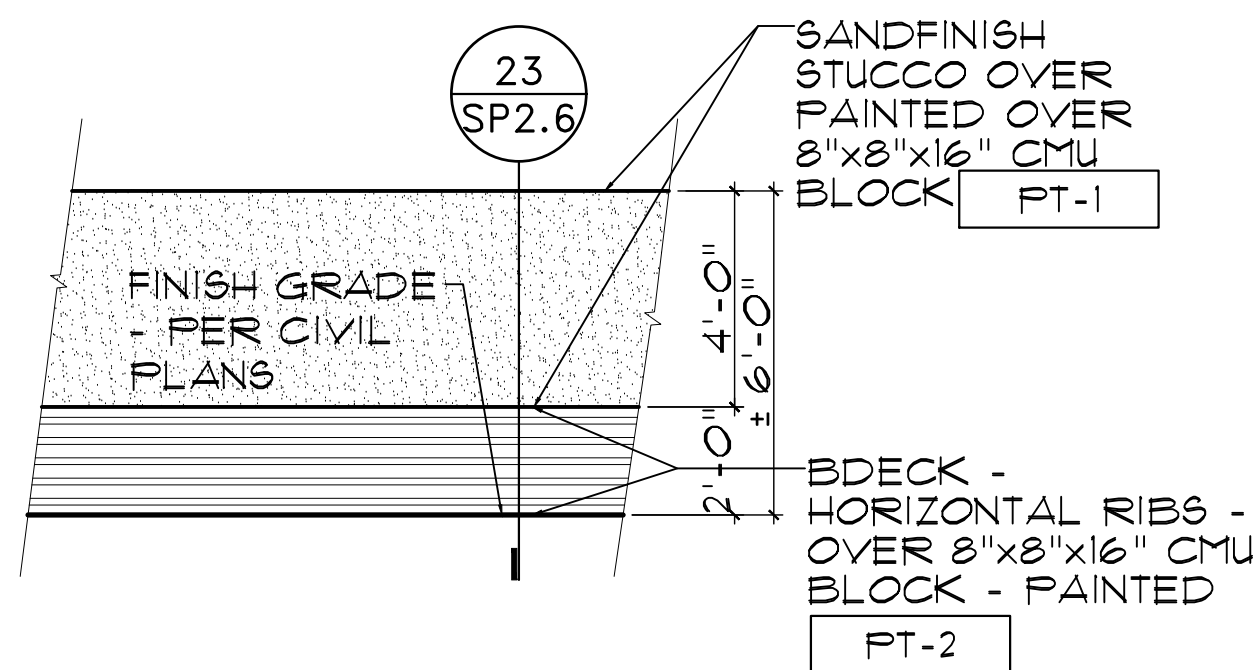
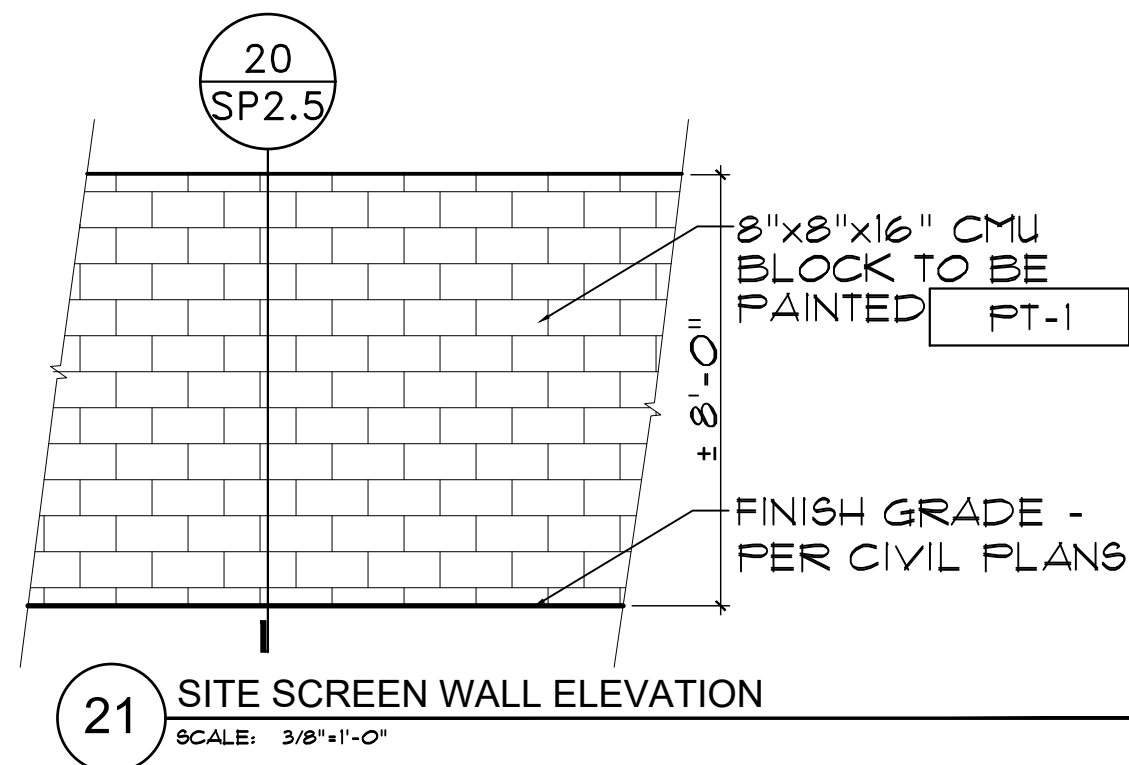
Project Number:
17-029

Drawing No:

SP2.5

659-PA-2024

659-PA-2024



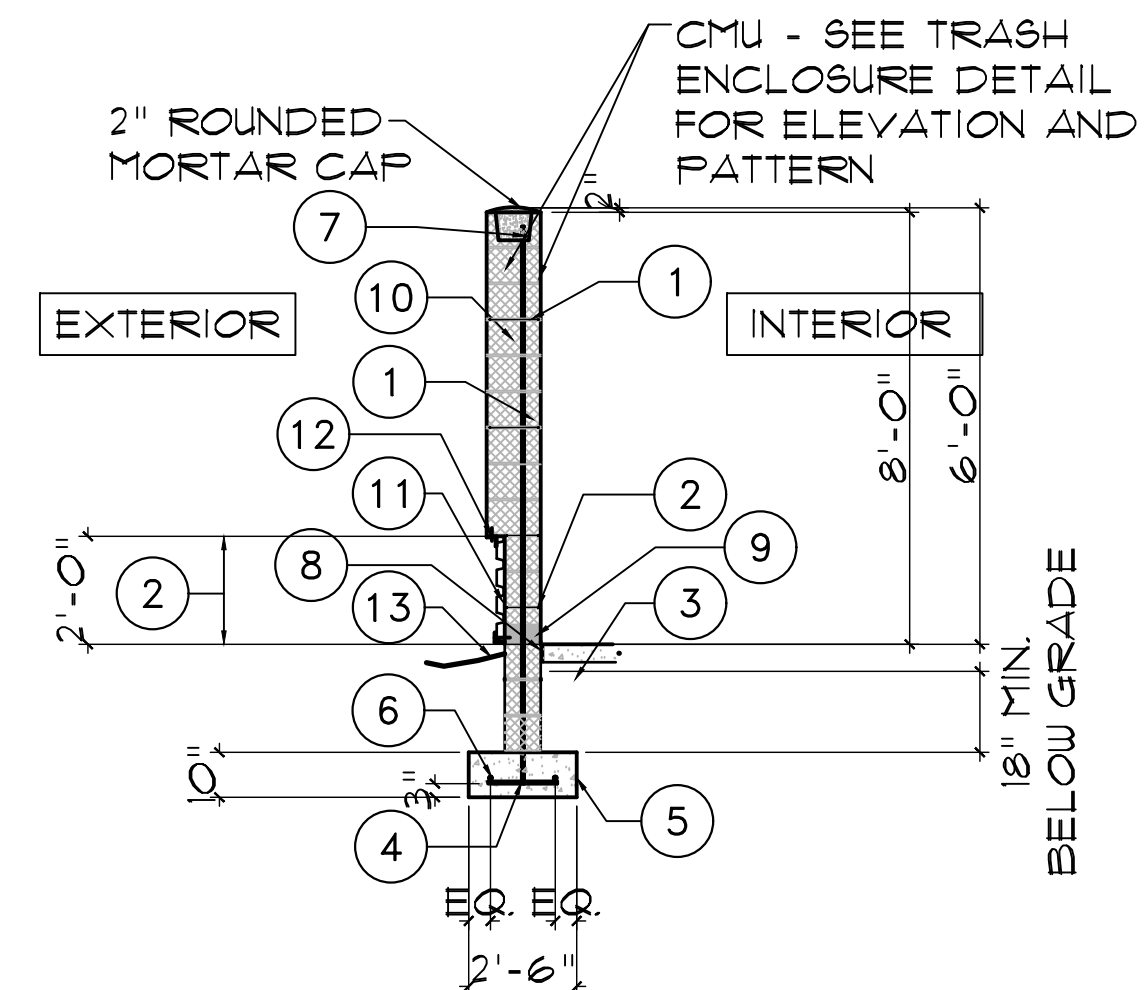
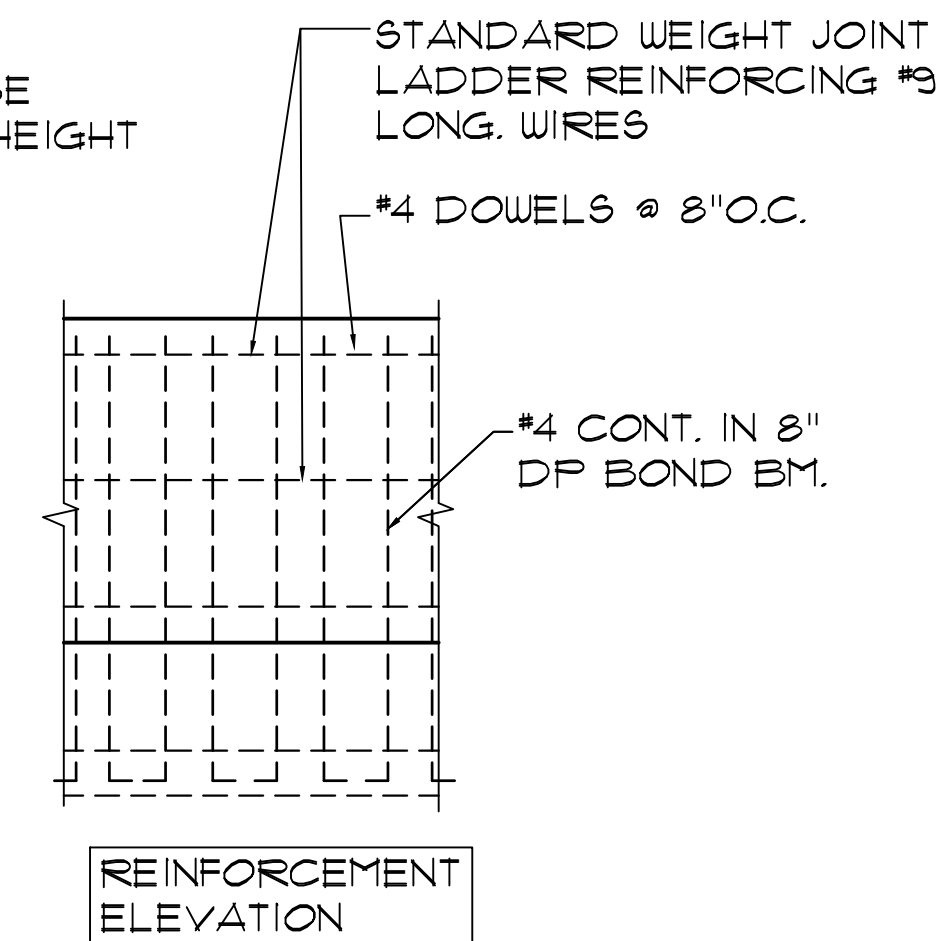
22 DUMPSTER ENCLOSURE SCREEN WALL ELEVATION
SCALE: 3/8"=1'-0"

MINIMUM, APPROVED MATERIALS:	
CONCRETE	F'C = 2000 PSI
REINFORCING	FY = 40,000 PSI
CMU	F'M = 1350 PSI
MORTAR	ASTM TYPE S
GROUT	F'C = 2000 PSI
DUROWALL	FY = 80,000 PSI

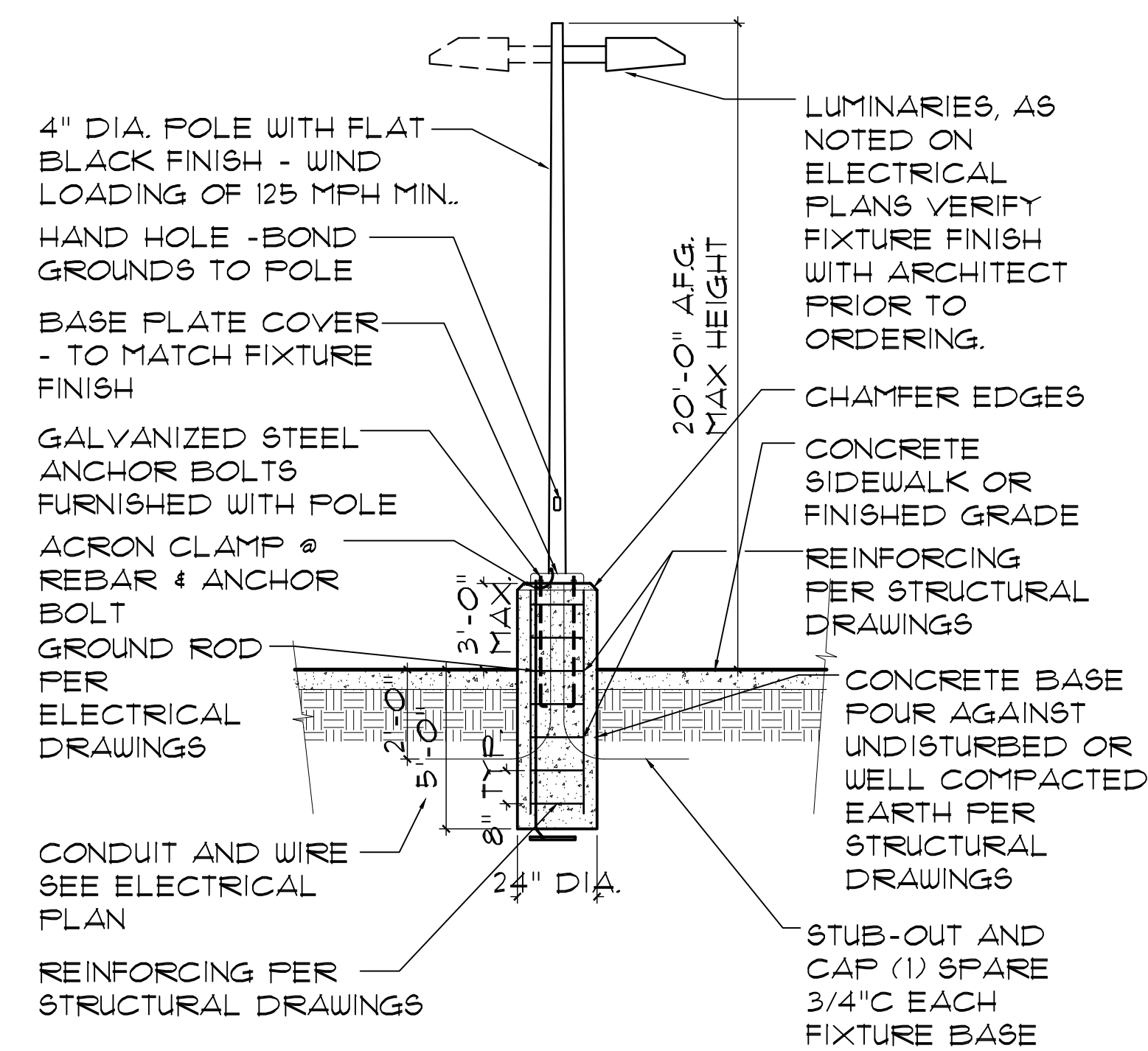
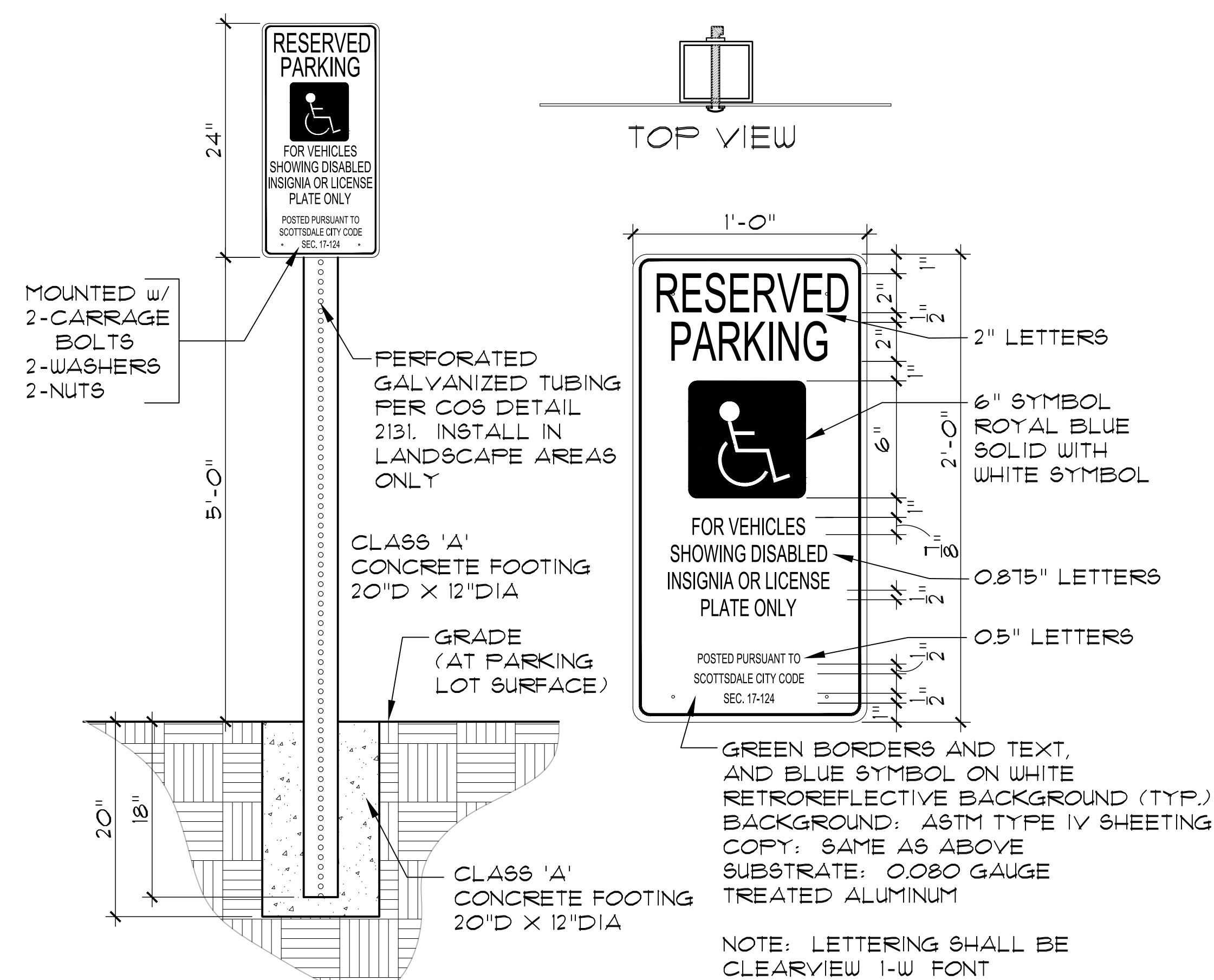
NOTES:

- STANDARD WEIGHT JOINT LADDER REINFORCING #3 LONG. WIRES
- 8X8X16 CMU MASONRY WALLS WITH #4 VERTS AT 8" O.C. GROUT CELLS SOLID FULL HEIGHT
- 6" CONCRETE SLAB
- DOWELS TO MATCH AND LAP VERTICAL WALL REINFORCING PER G.S.N. - ALTERNATE BENDS.
- CONCRETE FOOTING
- (2) #4 CONTINUOUS
- #4 CONT. IN 8" DP. BOND BM.
- EXPANSION JOINT - SEE NOTE ON MATERIAL ON DETAIL 13/SP2.1
- PROVIDE 4" H. OPENING AT LOW POINTS WHERE SLAB SLOPES BACK INTO BIN RECEPTACLE - SPACE AT 10'-0" O.C. - B-DECK TO BOX AROUND OPENINGS
- 12X8X16 CMU MASONRY WALLS WITH #4 VERTS AT 8" O.C. GROUT CELLS SOLID FULL HEIGHT
- BDECK PANEL PAINTED PT-2
- ANGLE IRON PAINTED PT-2
- GRADE OR ADJACENT PAVING - SEE CIVIL

NOTE: ALL CELLS TO BE GROUTED SOLID FULL HEIGHT



23 DUMPSTER ENCLOSURE SCREEN WALL SECTION
SCALE: 3/8"=1'-0"

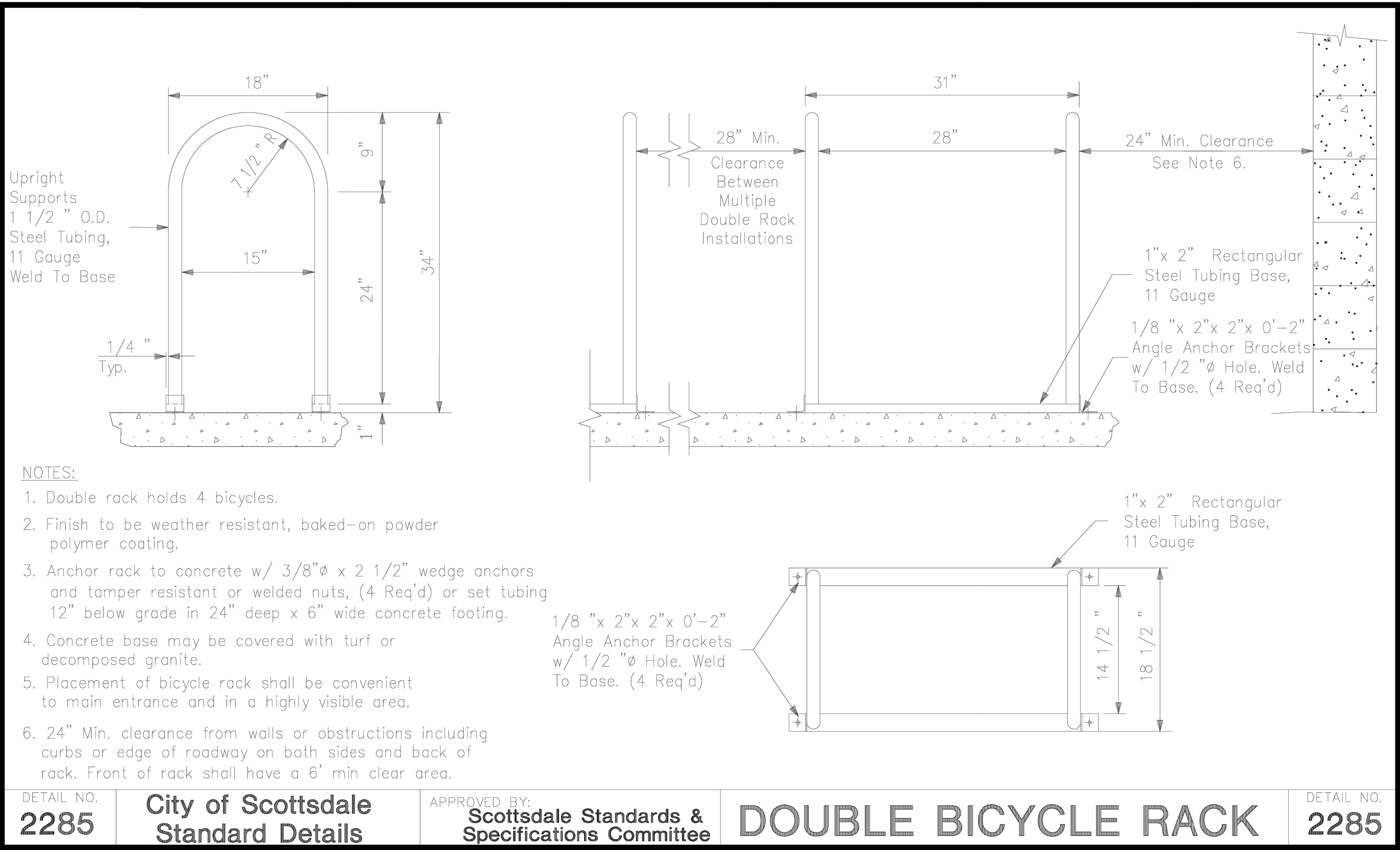


SEE ELECTRICAL
AND STRUCTURAL
DRAWINGS ALSO

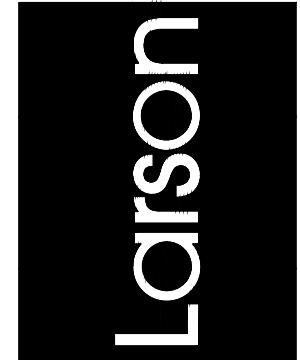
ACCESSIBLE NOTES

1. ENTRANCES TO THE BLDG. SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
 2. EXTERIOR EXITS WHICH ARE LOCATED ADJACENT TO ACCESSIBLE AREAS & WITHIN 6' OF ADJACENT GROUND LEVEL SHALL BE ACCESSIBLE.
 3. ACCESSIBLE RAMPS REQ. BY ANSI A117.1 SHALL NOT HAVE SLOPES WHICH EXCEED 1 FT. IN 12 FEET.
 4. THE SURFACE OF RAMPS & GROUND SURFACES SHALL BE ROUGHENED OR SHALL BE OF SLIP RESISTANT MATERIALS.
 5. AN ACCESSIBLE ROUTE SHALL OF TRAVEL 3FT WIDE MIN. MUST BE PROVIDED TO ALL PORTIONS OF THE BLDG. BETWEEN THE BLDG. & THE PUBLIC WAY. ACCESSIBLE ROUTE SHALL HAVE A MAXIMUM SLOPE OF 1:20 AND A MAXIMUM CROSS SLOPE OF 1:50
 6. THRESHOLD MUST BE 1/2" IN HEIGHT OR LESS
 7. THE PRIMARY ENTRANCE TO THE BLDG. MUST BE ACCESSIBLE ALL OTHER REQUIRED ENTRANCES TO THE BLDG. MUST BE ACCESSIBLE
 8. ALL ACCESSIBLE PARKING SPACES SHALL HAVE A SLOPE NOT EXCEEDING 1:50
 9. ALL ACCESSIBLE PARKING SPACES SHALL BE OUTLINED ON ALL FOUR SIDES, HAVE A CONTRASTING COLOR AND THE INTERNATIONAL WHEELCHAIR SYMBOL ON THE GROUND WITHIN THE SPACE.
 10. ALL ACCESSIBLE PARKING SPACES SHALL HAVE A SIGN (MINIMUM 5 FT. ABOVE FIN. GRADE IN FRONT OF THE SPACE) WHICH INCLUDES THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
 11. SIGNS DESIGNATING PERMANENT ROOMS AND SPACES SHALL MEET ACCESSIBILITY REQUIREMENTS.
 12. ALL ELECTRICAL RECEPTACLES AND CONTROLS SHALL BE 18" MINIMUM & 48" MAXIMUM ABOVE FINISH FLOOR
 13. ALL ALARMS SHALL BE AUDIBLE & VISUAL AND MEET ACCESSIBILITY REQUIREMENTS.
 14. ACCESSIBLE ROUTE SHALL BE WITHOUT STEPS OR CHANGES IN LEVELS GREATER THAN 1/2" WITHOUT AN APPROVED RAMP.
- ACCESSIBLE ROUTES SHALL SERVE AS EXITS OR CONNECT TO AREAS OF RESCUE ASSISTANCE

REVISED 5/09/07



NOTE:
PAINT RACKS
PT-



Larson Associates Architects, Inc.
3807 North 24th Street, Suite 100
Phoenix, AZ 85016
602.955.9929 602.954.4790 FAX
design@larson-architects.com

TY JENKINS HANGAR
16061 NORTH 81ST STREET
SCOTTSDALE, AZ
APN: 215-48-054



Drawing Name:
SITE DETAILS

Revisions

Date: 11/6/2020

Project Number:
17-029

Drawing No:

SP2.8

659-PA-2024

659-PA-2024



GENERAL CONSIDERATIONS & REQUIREMENTS

ON-SITE CIRCULATION & PARKING AREA DESIGN

The following guidelines focus on general and specific techniques to assure safe access, emergency access, and community benefits.

MAJOR DRIVEWAYS

Major driveways provide direct access from the street and into a parking lot with more than fifty (50) spaces, and/or provide the driveway access across the front of a retail center. Such driveways should:

1. Be a minimum width of thirty (30) feet from face-of-curb to face-of-curb;
2. Prohibit designated customer loading areas that are utilized for landscaping, construction materials, and major appliances, etc., departments of retail stores, as well as loading areas used for general business activity;
3. Provide adequate vehicle stacking distances where they access public streets, and do not allow direct parking aisle access in close proximity to the street intersection;
4. Provide adequate site area that will allow fire equipment vehicles to turn-around. Refer to [Section 2-1.802](#);
5. Be located in coordination with adjacent bus stop locations, when appropriate (see [Section 5-6.000](#)) and have level landing, that is a minimum of four (4) feet wide, immediately behind the driveway, in order to allow for pedestrian mobility.

EMERGENCY ACCESS AND FIRE LANES

For specific Fire Department requirements, including a Fire Plan Review checklist, see www.ScottsdaleAZ.gov/bldgresources/forms. After reviewing the plan for the proposed development, the Fire Department will determine the code required fire apparatus access. See the International Fire Code Chapter 5 and Appendix D for guidance. For complete Fire Code related issues, see [Chapter 11](#).

A. Emergency Access Provisions

Fire apparatus access may be provided from public access ways, approved private streets, residential driveways and/or on-site fire lanes. For additional requirements for public access ways, private streets and residential driveways see [Section 5-3.000](#).

B. Fire Lanes

On-site access (Fire Lanes) for fire fighting and emergency vehicle use may be required in addition to the planned public access ways so an emergency vehicle can reach the interior of the development when normal access is blocked. For example, an additional access way may be required due to the number of structures, the square footage of structures, topography (grade), and/or washes and flood plains. See the International Fire Code Appendix D for guidance. Emergency access ways shall be secured by an easement. If any emergency access route is intended to be closed and locked, any lock placed on an emergency access gate must be approved by the Fire Department. See COS Standard Detail 2364 for construction and identification of emergency access ways. See [Figure 2.1-4](#) for minimum requirements for gated entrances for residential development.

The following criteria for the lanes shall apply:

1. Fire lane signage must comply with COS Standard Details, Series 2300.
2. The minimum width of a two-way fire lane is 24 feet. One-way lanes, such as divided entrances and drive thru by-pass lanes shall be 20; wide. For project specific information, contact Fire Plan Review. 480-312-7080. See International Fire Code Sections 503.2.1 and 503.2.2 for other lane width requirements.

GENERAL CONSIDERATIONS & REQUIREMENTS

3. The fire lane surface shall be suitable for all-weather use, with a minimum loading design of 83,000 lb. gross vehicle weight. Where not co-located with vehicular service or access lanes, surfaces other than asphalt such as concrete, paver stones, "grasscrete" and stabilized and compacted crushed granite should be considered.
4. The minimum vertical clearance for the passage of fire department apparatus is 13 feet 6 inches.
5. The minimum outside edge radius of the lane on a turn is 49 feet, with 55 feet outside radius required for aerial bucket clearance for commercial and multi-family uses. ASSHTO engineered elliptical radius design may be approved in certain circumstances where there are no barriers over 6 feet in height on the outer aerial bucket radius R3- for project specific information, contact Fire Plan Review 480-312-7080. 40.5 feet is the minimum for other residential uses. See Figure 2.1-1 below.

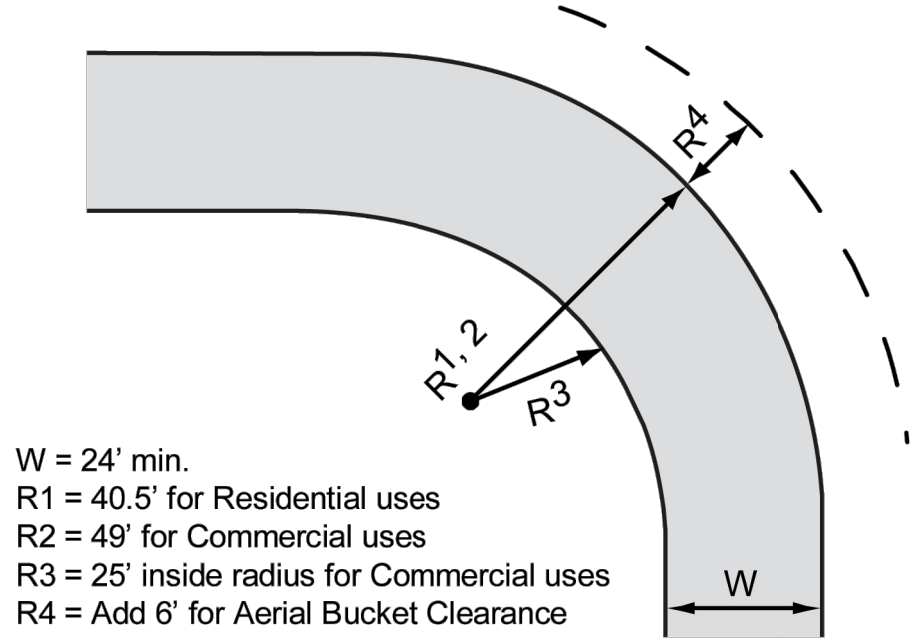
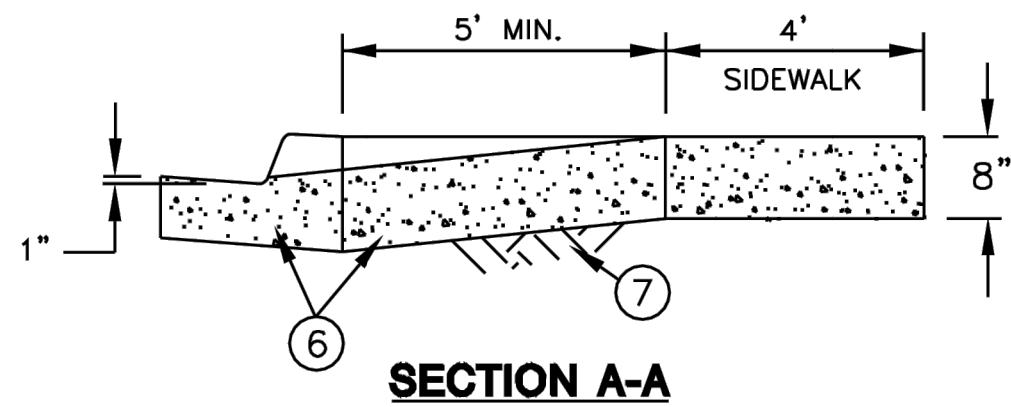
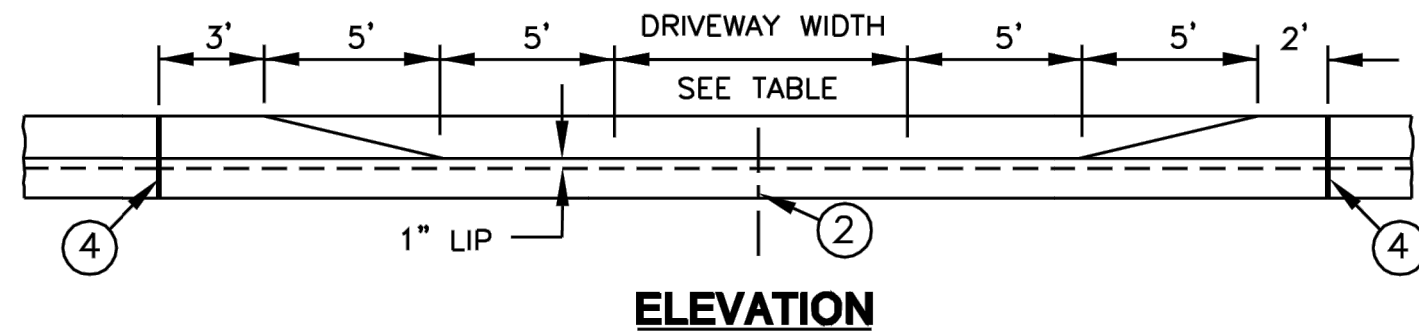
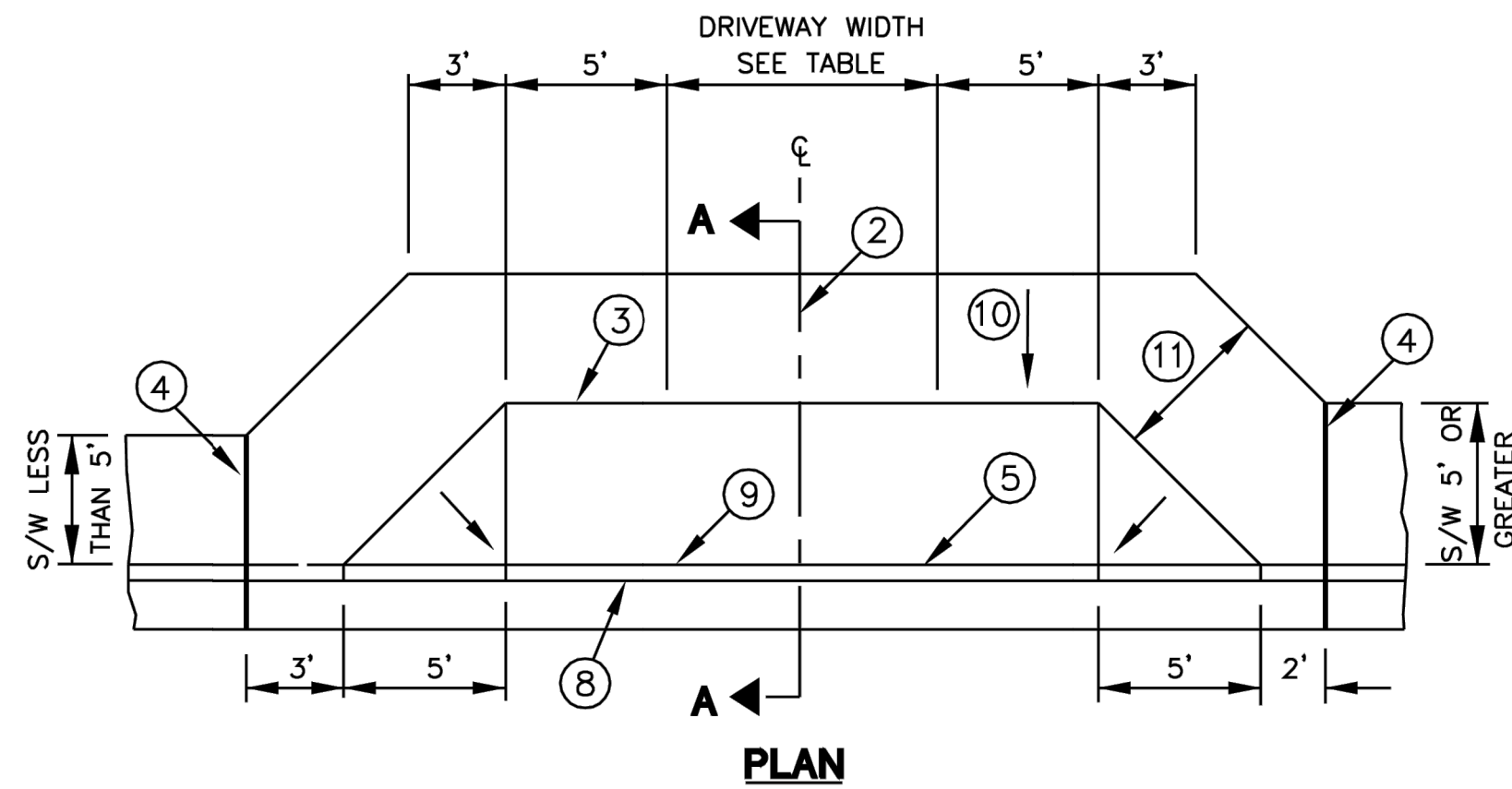


FIGURE 2.1-1 FIRE LANE DIMENSIONS

6. Fire lanes must be posted in accordance with the COS Standard Detail 2365.
7. See [Figure 2.1-2](#) for on-site fire access turnarounds for commercial and residential developments.
8. Provide a turn-around for emergency vehicles at the end of a dead-end parking aisle designated for emergency access (fire lane) if it exceeds 300 feet in length for fire sprinklered structures, 150 feet in length for non-sprinklered structures, as shown by the T-Types in [Figure 2.1-2](#).

REVISED 5/10/05



NOTES

- 1 DEPRESSED CURB SHALL BE PAID FOR AT THE UNIT PRICE BID FOR THE TYPE OF CURB USED AT THAT LOCATION.
- 2 CONTRACTION JOINT ON DRIVEWAY CENTERLINE.
- 3 BACK OF DRIVEWAY ENTRANCE – CONSTRUCTION JOINT OR SCORE MARK.
- 4 MASTIC EXPANSION JOINT THROUGH CURB AND GUTTER. EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER A.S.T.M. D-1751.
- 5 BACK OF CURB – CONSTRUCTION JOINT OR SCORE MARK.
- 6 CLASS 'B' CONCRETE, MAG SECTION 725.
- 7 SUBGRADE PREPARATION, MAG SECTION 301.
- 8 FLOW LINE OF GUTTER.
- 9 DEPRESSED CURB.
- 10 2% MAXIMUM CROSS SLOPE. 1.5% MINIMUM CROSS SLOPE
- 11 CONCRETE SIDEWALK PER MAG DETAIL 230, MODIFIED. THICKNESS = 8"(MIN. 4'-0" WIDTH - SEE SP1.0)

COMMERCIAL & INDUSTRIAL			
DRIVEWAY WIDTH	MIN.	MAX.	CLASS
COMMERCIAL ZONING	+ 16'	40'	B
INDUSTRIAL ZONING	+ 16'	40'	B
+ 24' MIN. FOR TWO WAY TRAFFIC			
RESIDENTIAL			
DRIVEWAY WIDTH	MIN.	MAX.	CLASS
MAJOR STREET	16'	30'	B
COLLECTOR STREET	*12'	30'	B
LOCAL STREET	12'	30'	B
* 16' DESIRABLE			

DETAIL NO.
2250

City of Scottsdale
Standard Details

APPROVED BY:
Scottsdale Standards &
Specifications Committee

DRIVEWAY ENTRANCES

DETAIL NO.
2250

30

DRIVEWAY DETAIL - C.O.S. STANDARD

SCALE: N.T.S.

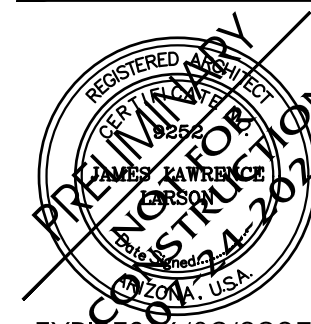
Larson Associates Architects, Inc.
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EXPIRES: 6/30/2024



EXPIRES: 6/30/2027

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SITE DETAILS

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CITY COMMENTS
11/16/2018

Date: 11/6/2020

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17-029

Drawing No:

SP2.11

659-PA-2024