

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
600 FIFTH STREET, N.W.  
WASHINGTON, D.C. 20001

July 22, 2015

AMENDMENT NO. 4  
TO  
REQUEST FOR PROPOSALS  
FOR  
REHABILITATION OF WMATA PARKING GARAGES AT SHADY GROVE (NORTH), FRANCONIA-  
SPRINGFIELD (EAST), GROSVENOR-STRATHMORE AND COLLEGE PARK  
FQ15090/GG

TO WHOM IT MAY CONCERN:

The Invitation for Bid for IFB FQ15090/GG requesting Bids for the above project is hereby changed in part as listed below.

1. Volume 1 – Bidding and Contracting Requirements

Delete the following pages and in lieu thereof substitute the accompanying pages:

<u>DELETE</u>	<u>SUBSTITUTE</u>	<u>DESCRIPTION</u>
p.4. Letter to Bidders	p.4 Letter to Bidders	Revised
p.14 Invitation for Bids	p.14 Invitation for Bids	Revised

2. Volume 2 – Technical Specifications

<u>DELETE</u>	<u>SUBSTITUTE</u>	<u>DESCRIPTION</u>
Section 03010-3, Maintenance of Concrete	Section 03010-3, Maintenance of Concrete	Revised
Section 03010-4, Maintenance of Concrete	Section 03010-4, Maintenance of Concrete	Revised
Section 03010-6, Maintenance of Concrete	Section 03010-6, Maintenance of Concrete	Revised

3. Volume 3 – Drawings

<u>DELETE</u>	<u>SUBSTITUTE</u>	<u>DESCRIPTION</u>
G-002 (M1269-2)	G-002 (M1269-2)	Revised
G-003A (M1269-3A)	G-003A (M1269-3A)	Revised
A15P-S-001 (M1269-97)	A15P-S-001 (M1269-97)	Revised
A15P-S-127 (M1269-124)	A15P-S-127 (M1269-124)	Revised
A15P-S-128 (M1269-125)	A15P-S-128 (M1269-125)	Revised

ADD:

Reference Drawings, Signage, Striping, Grosvenor

Reference Drawings, Signage, Franconia

Reference Drawings, Signage, Shady Grove

4. Acknowledgment

Bidders are required to acknowledge receipt of this Amendment on Bid Form in the spaces provided. Failure to acknowledge all Amendments may cause the Proposal to be considered non responsive to the RFP, which would require rejection of the Proposal.



Richard Owens  
Contracting Officer  
Office of Procurement

\* \* \* \* \*

### Site Visit

WMATA will conduct a site visit at Shady Grove parking garage. Attendees must provide their own transportation. Attendees must be escorted by WMATA.

The Site Visit will start on Monday, June 1, 2015, 2:00 PM (14:00). Meeting point will be the north side outside of Shady Grove parking garage, located at 15903 Somerville Drive, Rockville, MD 20855.

Attendees will be required to sign in at the Site Visit.

Attendees that have a current WMATA Contractor ID shall display their ID and bring PPE and WMATA approved safety vest. Attendees not holding WMATA Contractor ID with PPE and vest should specifically identify themselves to the WMATA escorts.

**Individuals that plan to attend the Site Visit are requested but not required to send an email by COB on May 28, 2015 to [ggufanova@wmata.com](mailto:ggufanova@wmata.com), with their name, title, company name, mailing address, telephone, and email for each attendee.**

**Pre-Award Information:** Shall not be submitted with the bid. After the bid opening, only the Apparent Low Bidder will be requested to submit Pre-Award Information.

**Bids Due:** July 29, 2015 by 2:00 PM (14:00) and shall be delivered to WMATA, Office of Procurement and Materials, Room 3C-02, 600 Fifth Street, NW, Washington, DC 20001. Bids will be publicly opened and read aloud in the WMATA Meeting Room, Lobby Level, 600 Fifth Street, NW, Washington, DC 20001.

AM3 AM4

Bidders are cautioned to not take exceptions or qualify their bid. Any questions regarding the solicitation should be made in writing to the Contract Administrator, Guzel Gufranova, on [ggufanova@wmata.com](mailto:ggufanova@wmata.com) no later than seven (7) business days prior to the bid opening. Please carefully review the Notice to Bidders of the IFB. The Notice to Bidders addresses common problems found in previous bids that may cause bid rejection.

AM1

### A Virginia Contractor License

All bidders shall have a Virginia Class A contractor license. <http://www.dpor.virginia.gov/> . This is a Commonwealth of Virginia law and WMATA complies with the law.

### Basis of Award

A single contract for all items will be awarded to the lowest responsive and responsible bidder.

### Type of Contract:

Firm fixed price contract for the items in the Unit Price Schedule.

### IFB Volumes

Volume 1, Bidding and Contracting Requirements  
Volume 2, Technical Specifications  
Volume 3, Drawings

### IFB availability:

Once the IFB is issued it will be posted on the WMATA website at

**INVITATION FOR BIDS**

**DATE OF INVITATION:** May 20, 2015

**PROJECT DESCRIPTION:** IFB FQ15090/GG

Rehabilitation of WMATA Parking Garages at Shady Grove (North), Franconia-Springfield (East),  
Grosvenor-Strathmore and College Park

**SEALED BIDS** in singular for the work described herein will be received at or before 2:00 PM on **July 29, 2015** at the Washington Metropolitan Area Transit Authority, in the Meeting Room at the Lobby Level, 600 Fifth Street, N. W., Washington, DC 20001. **AM2 AM3 AM4**

**INFORMATION REGARDING BIDDING MATERIAL, BID GUARANTEE AND BONDS:**

**Bidding Material:**

Bid Form  
Representations and Certifications  
Unit Price Schedule  
Bid Bond (see Note #I)  
Appendix B: Disadvantaged Business Enterprise (DBE) (Applies only if bid price is over \$500,000)

**A bid guarantee** as herein specified is required for a bid price in excess of \$100,000, and the penal amount shall be 5 percent of the bid price. If the guarantee is submitted in the form of a bid bond, the bid bond penalty may be expressed in terms of a percentage of the bid price or may be expressed in dollars and cents.

**Bonds:** As required by the Specifications.

**DESCRIPTION OF WORK:**

Rehabilitation of WMATA Parking Garages at Shady Grove (North), Franconia-Springfield (East),  
Grosvenor-Strathmore and College Park

**BID MUST SET FORTH FULL, ACCURATE AND COMPLETE INFORMATION AS REQUIRED BY THIS INVITATION FOR BIDS, INCLUDING ATTACHMENTS.**



3. Elongation Properties
    - a. Elongation 44%
  4. Shrinkage Properties, ASTM D1042
    - a. Less than 1%
  5. Acceptable Manufacturer:
    - a. Sika Corporation: SikaFix HH LV, or approved equal
- AM 4
- B. Cementitious Crystalline Waterproofing: Blend of portland cement, fine treated silica sand and active chemicals that react with water to form a non-soluble crystalline formation of dendritic fibers within the pores and capillary tracts of concrete.
1. Crystalline Penetration: Crystallizing capability of waterproofing material shall be evidenced by independent SEM (Scanning Electron Microscope) photographs documenting penetration of crystal-forming waterproofing material to a depth of 2 inches (50 mm).
  2. Permeability: Independent testing shall be performed according to U.S. Army Corps of Engineers CRD C48 "Permeability of Concrete."
    - a. Concrete samples (treated and untreated) to have design strength of 2000 psi (13.8 MPa) and thickness of 2 inches (50 mm). No admixtures permitted.
    - b. Coatings to have maximum thickness of 0.05 inches (1 mm) per coat with up to two coats permitted.
    - c. Samples to be pressure tested to 175 psi (405 foot head of water) or 1.2 MPa (123.4 m head of water).
    - d. Treated samples, after crystalline growth has occurred, shall exhibit no measurable leakage.
  3. Chemical Resistance: Independent testing shall be performed according to ASTM C267 "Chemical Resistance of Mortars" and ASTM C39 "Compressive Strength of Cylindrical Concrete Specimens."
    - a. Concrete samples (treated and untreated) to have design strength of 4000 psi (27.6 MPa). No admixtures permitted.
    - b. Coatings to have maximum thickness of 0.05 inches (1 mm) per coat with up to two coats permitted.
    - c. Untreated and treated specimens to be immersed for a minimum of 84 days in following chemical solutions: hydrochloric acid (3.5pH), brake fluid, transformer oil, ethylene glycol, toluene, caustic soda.
    - d. Treated specimens shall exhibit no detrimental effects after exposure, and shall have a minimum of 14% increase in compressive strength versus untreated control specimens.
  4. Acceptable Manufacturer:
    - a. Xypex Chemical Corporation, or approved equal
- AM 4
- C. Polymer Repair Mortar:
1. Repair of Horizontal Surfaces :

- a. Polymer-modified, cementitious, 2-component, free-flow self-leveling mortar such as SikaTop 111 Plus as manufactured by Sika Corporation.
    - b. Polymer-modified, cementitious, 2-component, trowel-grade patching mortar such as SikaTop 122 Plus as manufactured by Sika Corporation.
    - c. Or approved equal. AM 4
  - 2. Repair of Vertical and Overhead Surfaces (Type F & V Concrete Repair):
    - a. Polymer-modified, cementitious, 2-component, fast-setting mortar such as SikaTop 123 Plus, Gel Mortar, as manufactured by Sika Corporation.
    - b. Or approved equal. AM 4
- D. Bonding Compound
  - 1. Provide Bonding Compound on excavated surfaces
  - 2. Acceptable Manufacturer:
    - a. Sika Corporation: Sika Armatec 110 EpoCem, or approved equal AM 4
- E. Crack Injection, Structural Repair: A two-component, super low-viscosity, crack healing, epoxy resin for both dry and damp cracks that structurally improves concrete surface.
  - 1. Tensile Properties, ASTM D-638
    - a. Tensile Strength at 7 days: 7,100 psi
  - 2. Bond Strength, ASTM C-882
    - a. Hardened Concrete to Hardened Concrete at 2 days: 2,500 psi
    - b. Hardened Concrete to Steel at 2 days: 1,500 psi
  - 3. Flexural Properties, ASTM D-790
    - a. Flexural Strength at 7 days: 8,500 psi
  - 4. Shear Strength, ASTM D-732
    - a. Shear Strength at 7 days: 5,800 psi
  - 5. Compressive Properties, ASTM D-695
    - a. Compressive Strength at 28 days at 90°F: 10,000 psi
  - 6. Acceptable Manufacturer:
    - a. Sika Corporation: Sikadur 55 SLV, or approved equal AM 4
- F. Gravity Crack Repair: Low viscosity, high strength epoxies resin.
  - 1. Tensile Properties, ASTM D-638
    - a. Tensile Strength at 7 days: neat 8,900 psi
  - 2. Bond Strength, ASTM C-882
    - a. Bond Strength at 2 days 4,000 psi
  - 3. Compressive Properties, ASTM D-695
    - a. Compressive Strength at 28 days: neat at 90 degrees 10,500 psi
  - 4. Acceptable Manufacturer:
    - a. Sika Corporation: Sikadur 35, Hi-Mod LV, or approved equal AM 4

## 2.02 CAST-IN-PLACE CONCRETE

- A. Concrete Type V
  - 1. Repair material for small vertical surfaces and overhead surfaces (repair surface area less than 2 sq. ft.). Materials shall be specifically

**2.03 DRAINAGE HOSE INSTALLATION****A. Modular Seal Assembly**

1. Seal shall be modular, mechanical type, consisting of inter-locking synthetic rubber links shaped to continuously fill the annular space between the pipe and wall opening.
  - a. Elastomeric element shall be sized and selected per manufacturer's sizing procedure.
2. Modular seal pressure plates shall be a uniform pressure plate design molded of glass reinforced Nylon Polymer.
3. Modular seal hardware shall be sized according to the manufacturer's technical data. Bolts, allen head/flange hex nuts shall be either:
  - a. Mild Steel with a 60,000 psi minimum tensile strength and 2-part Zinc Dichromate coating.
  - b. 316 Stainless Steel with a 85,000 psi average tensile strength.
4. Acceptable Manufacturer:
  - a. PSI-Thunderline/Link-Seal, or approved equal

**AM 4****B. Thick-Wall PVC Pipe and Pipe Fittings**

1. Threaded (NPT) Schedule 80 Pipe Nipple
  - a. Threaded on one end
  - b. 1 ½" Pipe Size
2. 90° Elbow
  - a. Female NPT Threaded Ends
  - b. 1 ½" Pipe Size
3. By McMaster-Carr or approved equal.

**AM 4****C. Nylon Extra-Grip Barbed Tube Fittings**

1. Straight Adapter
  - a. Tube-to-Male Threaded Pipe
  - b. 1 ½" Pipe Size
2. 90° Elbow
  - a. Tube-Tube
  - b. 1 ½" Pipe Size
3. By McMaster-Carr or approved equal.

**AM 4****D. Flexible Tubing: High-Pressure PVC Tubing**

1. Walls of tubing to be embedded with polyester braid
2. Clear walled tubing
3. By McMaster-Carr or approved equal.

**AM 4****2.04 MATERIAL SUBSTITUTIONS:**

- A. The use of other than the specified products will be considered providing the contractor requests their use in writing to the Engineer. This request shall also be accompanied by (a) A certificate of compliance from an approved

INDEX OF DRAWINGS - I

GENERAL		
SHEET No.	DWG. No.	TITLE
M1269-1	G-001	COVER SHEET
M1269-2	G-002	INDEX OF DRAWINGS - I
M1269-3	G-003	INDEX OF DRAWINGS - II
M1269-3A	G-003A	INDEX OF DRAWINGS - III
M1269-4	G-101	ARCHITECTURAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
M1269-5	G-102	STRUCTURAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
M1269-6	G-103	ELECTRICAL GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS
M1269-7	G-104	ELECTRICAL CONSTRUCTION NOTES
M1269-8	A11P-G-501	GROUND FLOOR STRIPING PLAN
M1269-9	A11P-G-502	SECOND FLOOR STRIPING PLAN
M1269-10	A11P-G-503	THIRD FLOOR STRIPING PLAN
M1269-11	A11P-G-504	FOURTH FLOOR STRIPING PLAN
M1269-12	A11P-G-505	FIFTH FLOOR STRIPING PLAN
M1269-13	A11P-G-506	SIXTH FLOOR STRIPING
M1269-14	A15P-G-507	GROUND FLOOR STRIPING PLAN
M1269-15	A15P-G-508	TYPICAL FLOOR STRIPING PLAN
M1269-16	A15P-G-509	TOP FLOOR STRIPING PLAN
M1269-17	E09P-G-510	GROUND FLOOR STRIPING PLAN
M1269-18	E09P-G-511	SECOND THROUGH FIFTH FLOOR TYPICAL STRIPING PLAN
M1269-19	E09P-G-512	SIXTH FLOOR STRIPING PLAN
M1269-20	J03P-G-513	SECOND AND KISS & RIDE FLOORS STRIPING PLAN
M1269-21	J03P-G-514	THIRD FLOOR STRIPING PLAN
M1269-22	J03P-G-515	FOURTH FLOOR STRIPING PLAN
M1269-23	J03P-G-516	FIFTH FLOOR STRIPING PLAN
M1269-24	J03P-G-517	SIXTH FLOOR STRIPING PLAN
GROSVENOR-STRATHMORE PARKING GARAGE		
SHEET No.	DWG. No.	TITLE
M1269-25	A11P-S-001	GROSVENOR-STRATHMORE STRUCTURAL CONSTRUCTION NOTES
M1269-26	A11P-S-101	GROUND FLOOR PART PLAN I
M1269-27	A11P-S-102	GROUND FLOOR PART PLAN II
M1269-28	A11P-S-103	SECOND FLOOR PART PLAN I
M1269-29	A11P-S-104	SECOND FLOOR PART PLAN II
M1269-30	A11P-S-105	THIRD FLOOR PART PLAN I
M1269-31	A11P-S-106	THIRD FLOOR PART PLAN II
M1269-32	A11P-S-107	FOURTH FLOOR PART PLAN I
M1269-33	A11P-S-108	FOURTH FLOOR PART PLAN II
M1269-34	A11P-S-109	FIFTH FLOOR PART PLAN I
M1269-35	A11P-S-110	FIFTH FLOOR PART PLAN II
M1269-36	A11P-S-111	SIXTH FLOOR PART PLAN I
M1269-37	A11P-S-112	SIXTH FLOOR PART PLAN II
M1269-38	A11P-S-113	SECOND FLOOR FRAMING PART PLAN I
M1269-39	A11P-S-114	SECOND FLOOR FRAMING PART PLAN II
M1269-40	A11P-S-115	THIRD FLOOR FRAMING PART PLAN I
M1269-41	A11P-S-116	THIRD FLOOR FRAMING PART PLAN II
M1269-42	A11P-S-117	FOURTH FLOOR FRAMING PART PLAN I
M1269-43	A11P-S-118	FOURTH FLOOR FRAMING PART PLAN II
M1269-44	A11P-S-119	FIFTH FLOOR FRAMING PART PLAN I
M1269-45	A11P-S-120	FIFTH FLOOR FRAMING PART PLAN II
M1269-46	A11P-S-121	SIXTH FLOOR FRAMING PART PLAN I
M1269-47	A11P-S-122	SIXTH FLOOR FRAMING PART PLAN II
M1269-48	A11P-S-123	STAIR #1 PLANS I
M1269-49	A11P-S-124	STAIR #1 PLANS II
M1269-50	A11P-S-125	STAIR #2 PLANS
M1269-51	A11P-S-126	STAIR #3 PLANS
M1269-52	A11P-A-101	GROUND FLOOR PART PLAN I
M1269-53	A11P-A-102	GROUND FLOOR PART PLAN II
M1269-54	A11P-A-103	SECOND FLOOR PART PLAN I
M1269-55	A11P-A-104	SECOND FLOOR PART PLAN II

GROSVENOR-STRATHMORE PARKING GARAGE (CNTD.)		
SHEET No.	DWG. No.	TITLE
M1269-56	A11P-A-105	THIRD FLOOR PART PLAN I
M1269-57	A11P-A-106	THIRD FLOOR PART PLAN II
M1269-58	A11P-A-107	FOURTH FLOOR PART PLAN I
M1269-59	A11P-A-108	FOURTH FLOOR PART PLAN II
M1269-60	A11P-A-109	FIFTH FLOOR PART PLAN I
M1269-61	A11P-A-110	FIFTH FLOOR PART PLAN II
M1269-62	A11P-A-111	SIXTH FLOOR PART PLAN I
M1269-63	A11P-A-112	SIXTH FLOOR PART PLAN II
-	A11P-A-113	NOT USED
-	A11P-A-114	NOT USED
-	A11P-A-115	NOT USED
-	A11P-A-116	NOT USED
-	A11P-A-117	NOT USED
-	A11P-A-118	NOT USED
-	A11P-A-119	NOT USED
-	A11P-A-120	NOT USED
-	A11P-A-121	NOT USED
-	A11P-A-122	NOT USED
-	A11P-A-123	NOT USED
-	A11P-A-124	NOT USED
-	A11P-A-125	NOT USED
-	A11P-A-126	NOT USED
M1269-64	A11P-E-101	GROUND FLOOR PART PLAN I
M1269-65	A11P-E-102	GROUND FLOOR PART PLAN II
M1269-66	A11P-E-103	SECOND FLOOR PART PLAN I
M1269-67	A11P-E-104	SECOND FLOOR PART PLAN II
M1269-68	A11P-E-105	THIRD FLOOR PART PLAN I
M1269-69	A11P-E-106	THIRD FLOOR PART PLAN II
M1269-70	A11P-E-107	FOURTH FLOOR PART PLAN I
M1269-71	A11P-E-108	FOURTH FLOOR PART PLAN II
M1269-72	A11P-E-109	FIFTH FLOOR PART PLAN I
M1269-73	A11P-E-110	FIFTH FLOOR PART PLAN II
M1269-74	A11P-E-111	SIXTH FLOOR PART PLAN I
M1269-75	A11P-E-112	SIXTH FLOOR PART PLAN II
M1269-76	A11P-E-113	SECOND FLOOR FRAMING PART PLAN I
M1269-77	A11P-E-114	SECOND FLOOR FRAMING PART PLAN II
M1269-78	A11P-E-115	THIRD FLOOR FRAMING PART PLAN I
M1269-79	A11P-E-116	THIRD FLOOR FRAMING PART PLAN II
M1269-80	A11P-E-117	FOURTH FLOOR FRAMING PART PLAN I
M1269-81	A11P-E-118	FOURTH FLOOR FRAMING PART PLAN II
M1269-82	A11P-E-119	FIFTH FLOOR FRAMING PART PLAN I
M1269-83	A11P-E-120	FIFTH FLOOR FRAMING PART PLAN II
M1269-84	A11P-E-121	SIXTH FLOOR FRAMING PART PLAN I
M1269-85	A11P-E-122	SIXTH FLOOR FRAMING PART PLAN II
-	A11P-E-123	NOT USED
-	A11P-E-124	NOT USED
-	A11P-E-125	NOT USED
-	A11P-E-126	NOT USED
M1269-86	A11P-E-501	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-87	A11P-E-502	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-88	A11P-E-503	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-89	A11P-E-504	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-90	A11P-E-505	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-91	A11P-E-506	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-92	A11P-E-507	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-93	A11P-E-508	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-94	A11P-E-509	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
M1269-95	A11P-E-510	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED

GROSVENOR-STRATHMORE PARKING GARAGE (CNTD.)		
SHEET No.	DWG. No.	TITLE
M1269-96	A11P-E-511	DEFICIENCY PHOTOGRAPHS - CORRECTIVE ACTION REQUIRED
SHADY GROVE NORTH PARKING GARAGE		
SHEET No.	DWG. No.	TITLE
M1269-97	A15P-S-001	SHADY GROVE NORTH STRUCTURAL CONSTRUCTION NOTES
M1269-98	A15P-S-101	GROUND FLOOR PART PLAN I
M1269-99	A15P-S-102	GROUND FLOOR PART PLAN II
M1269-100	A15P-S-103	SECOND FLOOR PART PLAN I
M1269-101	A15P-S-104	SECOND FLOOR PART PLAN II
M1269-102	A15P-S-105	THIRD FLOOR PART PLAN I
M1269-103	A15P-S-106	THIRD FLOOR PART PLAN II
M1269-104	A15P-S-107	FOURTH FLOOR PART PLAN I
M1269-105	A15P-S-108	FOURTH FLOOR PART PLAN II
M1269-106	A15P-S-109	FIFTH FLOOR PART PLAN I
M1269-107	A15P-S-110	FIFTH FLOOR PART PLAN II
M1269-108	A15P-S-111	SIXTH FLOOR PART PLAN I
M1269-109	A15P-S-112	SIXTH FLOOR PART PLAN II
M1269-110	A15P-S-113	SEVENTH FLOOR PART PLAN I
M1269-111	A15P-S-114	SEVENTH FLOOR PART PLAN II
M1269-112	A15P-S-115	SECOND FLOOR FRAMING PART PLAN I
M1269-113	A15P-S-116	SECOND FLOOR FRAMING PART PLAN II
M1269-114	A15P-S-117	THIRD FLOOR FRAMING PART PLAN I
M1269-115	A15P-S-118	THIRD FLOOR FRAMING PART PLAN II
M1269-116	A15P-S-119	FOURTH FLOOR FRAMING PART PLAN I
M1269-117	A15P-S-120	FOURTH FLOOR FRAMING PART PLAN II
M1269-118	A15P-S-121	FIFTH FLOOR FRAMING PART PLAN I
M1269-119	A15P-S-122	FIFTH FLOOR FRAMING PART PLAN II
M1269-120	A15P-S-123	SIXTH FLOOR FRAMING PART PLAN I
M1269-121	A15P-S-124	SIXTH FLOOR FRAMING PART PLAN II
M1269-122	A15P-S-125	SEVENTH FLOOR FRAMING PART PLAN I
M1269-123	A15P-S-126	SEVENTH FLOOR FRAMING PART PLAN II
M1269-124	A15P-S-127	STAIR A PLANS
M1269-125	A15P-S-128	STAIR B PLANS
M1269-126	A15P-S-129	STAIR C PLANS
M1269-127	A15P-S-130	STAIR D PLANS I
M1269-128	A15P-S-131	STAIR D PLANS II
M1269-129	A15P-A-101	GROUND FLOOR PART PLAN I
M1269-130	A15P-A-102	GROUND FLOOR PART PLAN II
-	A15P-A-103	NOT USED
-	A15P-A-104	NOT USED
-	A15P-A-105	NOT USED
-	A15P-A-106	NOT USED
-	A15P-A-107	NOT USED
-	A15P-A-108	NOT USED
-	A15P-A-109	NOT USED
-	A15P-A-110	NOT USED
-	A15P-A-111	NOT USED
-	A15P-A-112	NOT USED
M1269-131	A15P-A-113	SEVENTH FLOOR PART PLAN I
M1269-132	A15P-A-114	SEVENTH FLOOR PART PLAN II
-	A15P-A-115	NOT USED
-	A15P-A-116	NOT USED
-	A15P-A-117	NOT USED
-	A15P-A-118	NOT USED
-	A15P-A-119	NOT USED
-	A15P-A-120	NOT USED
-	A15P-A-121	NOT USED
-	A15P-A-122	NOT USED
-	A15P-A-123	NOT USED

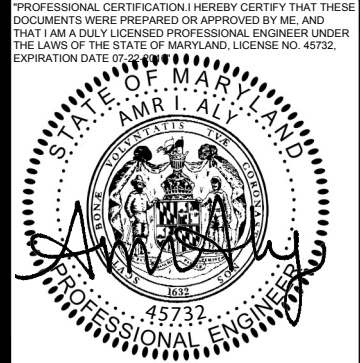


CONTRACT NO.  
FQ15090

DESIGNED	L.K.	12/26/14
		DATE
DRAWN	M.Z.	12/26/14
		DATE
CHECKED	H.I.	12/26/14
		DATE
APPROVED	J.D.P.	12/26/14
		DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS			
DATE	BY	DESCRIPTION	
7/16/15	HI	REVISED DRAWING AM 4	



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

OFFICE OF CHIEF, INFRASTRUCTURE SERVICES DEPARTMENT  
OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES

APPROVED  
CHIEF ENGINEER

DATE

**GFP** A Gannett Fleming/Parsons  
JOINT VENTURE

SUBMITTED  
PROJECT MANAGER

DATE

REHABILITATION OF WMATA PARKING FACILITIES  
GENERAL-ALL FACILITIES

INDEX OF DRAWINGS - I

SCALE  
AS SHOWN

DRAWING NO.  
G-002

SHEET NO.  
M1269-2



S:\067459\WMATA\14-IRPG-01 Evp Parking Garages\CADD\Sheets\03\_COMMON\G-003A.dwg  
SAVED 7/21/2015 12:16:15 PM BY ANIKA, FARZANA L.  
PLOTTED 7/21/2015 12:16:30 PM

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AM 1	M1269-285	E09P-TM-003	SUGGESTED SIXTH FLOOR PHASING PLAN					
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AM 3	—	A-3.1	TOP TIER STRIPPING PLAN					
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AM 4	—	G-2	GRAPHICS DETAILS					
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AM 3	M1156-020	E9P-A-102	TYPICAL TIER PLAN					
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AM 3	M1156-021	E9P-A-104	TOP TIER PLAN					



CONTRACT NO.  
**FQ15090**

DESIGNED	<u>L.K.</u>	<u>12/26/14</u> DATE
DRAWN	<u>M.Z.</u>	<u>12/26/14</u> DATE
CHECKED	<u>H.I.</u>	<u>12/26/14</u> DATE
APPROVED	<u>J.D.P.</u>	<u>12/26/14</u> DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS			
DATE	BY	DESCRIPTION	
6/01/15	JDP	NEW DRAWING AM 1	
6/25/15	HI	REVISED DRAWING AM 3	
7/16/15	HI	REVISED DRAWING AM 4	



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

OFFICE OF CHIEF, INFRASTRUCTURE SERVICES DEPARTMENT  
OF TRANSIT INFRASTRUCTURE AND ENGINEERING SERVICES

A Gannett Fleming/Parsons  
JOINT VENTURE

REHABILITATION OF WMATA PARKING FACILITIES  
GENERAL-ALL FACILITIES

INDEX DRAWING — III

APPROVED  
CHIEF ENGINEER

DATE

SUBMITTED  
PROJECT MANAGER

DATE

SCALE  
AS SHOWN

DRAWING NO.  
G-003A

SHEET NO.  
M1269-3A



REPAIR WORK ITEMS:

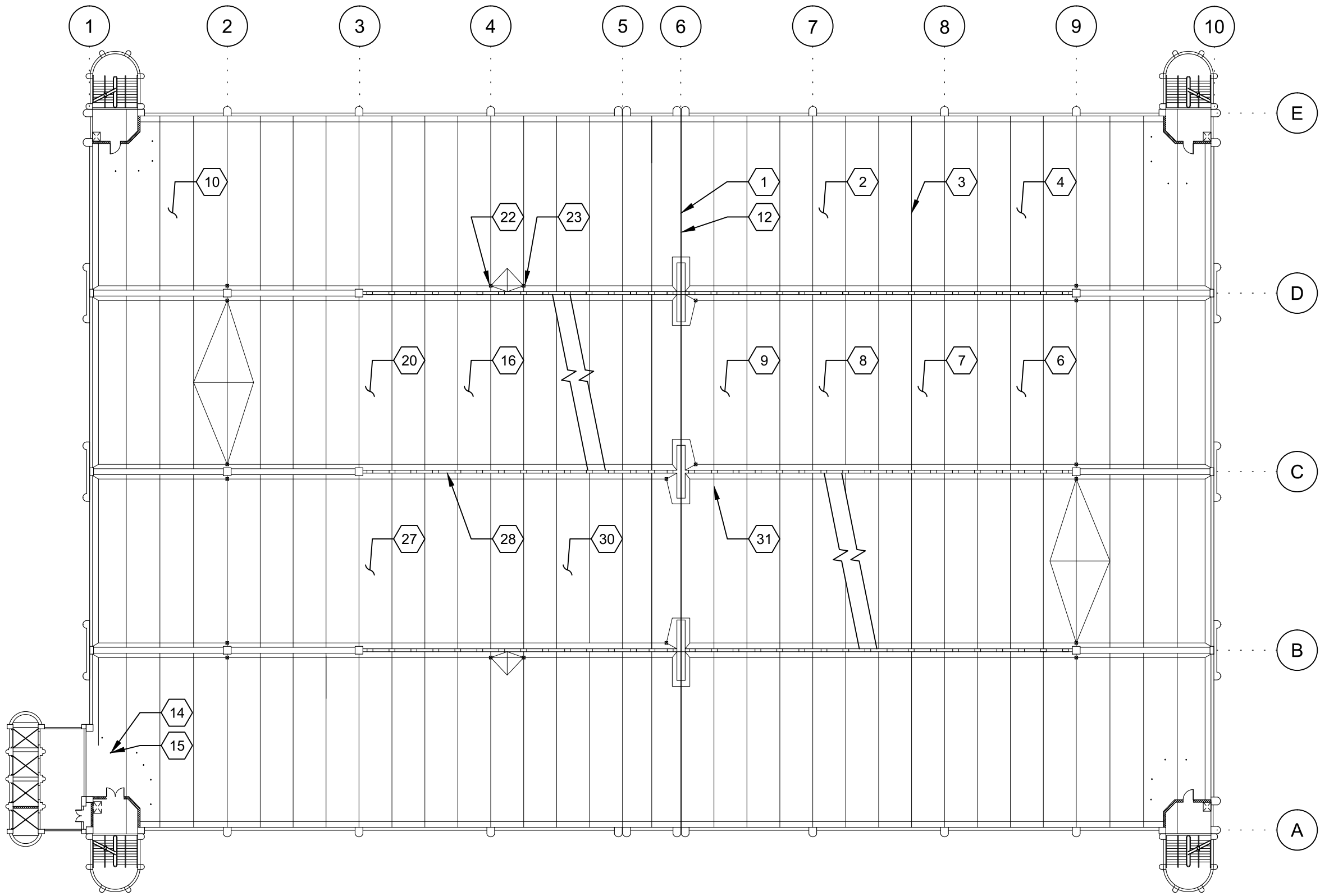
- 1
- REMOVAL OF EXISTING STRUCTURAL DECK EXPANSION JOINTS, CONCRETE REPAIR AT JOINTS, JOINT PREPARATION AND INSTALLATION OF NEW EXPANSION JOINTS SYSTEMS AS PER DET. 4/S-501 (APPROX. 620 LF).
- 2
- SURFACE PREPARATION AND APPLICATION OF URETHANE TRAFFIC BEARING TOPPING AT ROOF LEVEL, STAIRWELLS, ELEVATOR LANDINGS, AND ABOVE OFFICE ROOMS. CONCRETE PREPARATION OF SHARP EDGES AND UNEVEN JOINTS BY METHOD OF GRINDING AS PER SHEET S-522.
- AM 3
- 3
- REMOVAL OF EXISTING SEALANTS AT JOINTS BETWEEN DOUBLE TEE BEAM FLANGES, INTERFACE OF DOUBLE TEE BEAM FLANGES AND INVERTED TEE GIRDER, BASE OF COLUMNS, WALLS, REPAIR OF CONCRETE AT JOINTS, JOINT PREPARATION AND INSTALLATION OF NEW JOINT SEALANT AS PER DET. 1/S-503 AND 3/S-503 (APPROX. 54,400 LF).
- 4
- REPAIR OF CONCRETE CRACKS BY METHOD OF EPOXY INJECTION AT TOPSIDE AND UNDERSIDE OF STRUCTURAL CONCRETE DECKS, SIDEWALK & ROADWAY, AND WALLS AS PER DET. 1/S-507, 4/S-507, AND 1/S-508.
- 5
- REPAIR OF CONCRETE DYNAMIC CRACKS BY METHOD OF ROUTING AND APPLICATION OF BACKER ROD AND SEALANT AS PER DET. 3/S-507.
- AM 3
- 6
- REMOVAL AND REPLACEMENT OF DETERIORATED AND SOUND CONCRETE AT STRUCTURAL SLABS, WALLS, BEAM, COLUMNS, PARAPET WALLS, CURBS AND SLAB ON GRADE AS INDICATED IN THE CONTRACT DRAWINGS AND AS DIRECTED BY QUALITY CONTROL ENGINEER OR A.R. AS PER DETAILS 1/S-505, 3/S-505, 1/S-509, 3/S-509, 4/S-509.
- AM 3
- 7
- REMOVAL AND REPLACEMENT OF DETERIORATED AND SOUND CONCRETE AT UNDERSIDE OF STRUCTURAL SLAB AS PER DETAILS 1/S-510 AND 3/S-510 (APPROX. 5 SF).
- AM 3
- 8
- REMOVAL AND REPLACEMENT OF DETERIORATED AND SOUND CONCRETE AT DOUBLE TEE BEAM WEB WITH EXPOSED REINFORCEMENT AS PER DETAIL 3/S-513 (APPROX. 35 SF).
- AM 3
- 9
- CLEANING AND PRIMING OF EXISTING EXPOSED REINFORCING STEEL IN STRUCTURAL CONCRETE ELEMENTS AT UNDERSIDE SURFACES OF STRUCTURAL DECKS (APPROX. 20 SF).
- 10
- REPAIR OF CONCRETE THROUGH CRACKS BY EPOXY INJECTION AS PER DET. 3/S-506.
- AM 3
- 11
- REPLACEMENT OF FLEXIBLE TRAFFIC DELINEATORS IN-KIND AS PER DET. 4/S-519 (APPROX, 2 LOC).

- AM 3
- 12
- REPLACEMENT OF BEARING PADS AT SUPPORT BRACKET ANGLES AT EXPANSION JOINT AS PER DET. 3/S-515 (APPROX. 105 LOC).
- AM 3
- 13
- REPLACEMENT OF PIPE BOLLARD ANCHOR BOLTS AS PER DET. 1/S-519 (APPROX. 3 LOC).
- 14
- CLEANING/REPAINTING OF PIPE BOLLARDS (APPROX. 160 LOC).
- AM 3
- 15
- REMOVAL AND REPLACEMENT OF CAULKING AT PIPE BOLLARD BASE PLATE (APPROX 320 LF).
- AM 3
- 16
- REMOVAL, CLEANING, SAND BLASTING OF EXISTING CROSS WALK STRIPING, ADA ACCESS RAMPS AND TRAFFIC CONTROL STRIPING AND MARKINGS, & PREPARATION AND INSTALLATION OF NEW CROSS WALK STRIPING, ADA ACCESS RAMPS, AND TRAFFIC CONTROL STRIPING AS INDICATED IN THE CONTRACT DRAWINGS OR DIRECTED BY THE A.R. (APPROX. 661,000 SF FLOOR AREA).
- AM 3
- 17
- CONCRETE REPAIR AT LIFTING POINTS AS PER DET. 1 & 2/S-511 (APPROX. 25 LOC).
- AM 3
- 18
- REMOVAL OF LOOSE CONCRETE AT STAIR BEAM CONNECTION PLATE COVER AS PER DET. 1/S-513 (APPROX. 7 LOC).
- AM 4
- 19
- REPAIR OF DOUBLE TEE FLANGE CONNECTION TO WALL AS PER DETAIL 1/S-514 (APPROX. 1 LOC).
- AM 3
- 20
- POWERWASH SEEPAGE AREAS AT UNDERSIDE, AS PER SPECIFICATIONS (APPROX. 661,000 SF).
- 21
- REPLACEMENT OF DAMAGED SIGNS IN-KIND.
- AM 3
- 22
- REPLACEMENT OF DRAIN BODIES AND COVERS AS PER DET. 1/S-517 (APPROX. 137 LOC).
- AM 3
- 23
- REPLACEMENT OF STORM DRAIN PIPES AS PER DET. 1/S-517 (APPROX. 3,500 LF).
- AM 3
- 24
- REPOINTING OF CRACKED MORTAR ON CMU WALL (APPROX. 20 LF).

- AM 3
- 25
- REPAIR OF CRACKED BLOCKS ON CMU WALL AS PER DET. 3/S-518 (APPROX. 3 LOC).
- AM 3
- 26
- REPAIR OF DETERIORATED CONCRETE WASH AS PER DET. 3/S-508 (APPROX. 1 LOC).
- AM 2
- 27
- APPLICATION OF SILANE BASED PENETRATING CORROSION INHIBITOR (APPROX. 541,000 SF).
- AM 3
- 28
- APPLICATION OF ACRYLIC COATING ON LIGHTWALL AND SHEAR WALL (APPROX. 28,000 SF). APPLY BASF MASTER PROTECT HB 400 WATER BASED, HIGH BUILD, 100% ACRYLIC WATER PROOFING OR APPROVED EQUAL. PRODUCT TO BE INSTALLED PER MANUFACTURER’S SPECIFICATIONS.
- AM 3
- 29
- REPAIR OF BROKEN CORNER OF DOUBLE TEE FLANGE AS PER SHEET S-512 (APPROX. 6 LOC).
- AM 3
- 30
- CLEANING AND PAINTING OF EXPOSED STEEL (APPROX. 70 SF).
- AM 3
- 31
- SMOOTH GRINDING OF CONCRETE AT UNEVEN JOINTS BETWEEN DOUBLE TEE BEAM FLANGES, REPAIR OF CONCRETE AT JOINTS, JOINT PREPARATION, AND INSTALLATION OF NEW JOINT SEALANT AS PER DET. 1/S-504 AND 3/S-504.
- AM 3
- 32
- REMOVAL AND REPLACEMENT OF VERTICAL JOINT SEALANT AS PER DET. 1/S-506 (APPROX 860 LF).

GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO PRODUCING SHOP DRAWINGS, FABRICATING COMPONENTS, OR ORDERING MATERIALS. ALL SHOP DRAWINGS SHALL SHOW DIMENSIONS FIELD VERIFIED BY THE CONTRACTOR.
2. SYMBOLS FOR CRACKS AND AREAS OF SPALLS AND DELAMINATIONS SHOWN ARE FOR LOCATIONS ONLY. USE LENGTHS OF CRACKS AND AREAS OF SPALLS AND DELAMINATIONS SHOWN NEXT TO SYMBOLS. DO NOT SCALE OFF DRAWINGS.
3. FOR REPAIR LEGENDS, SYMBOLS, AND ABBREVIATIONS, SEE DWG. G-102 AND G-103



1 GENERAL PLAN  
N.T.S.

NOTE: THIS DRAWING IS FOR INFORMATION ONLY. FOR A COMPLETE LISTING OF REPAIR ITEMS, SEE SPECIFICATIONS, DRAWINGS AND DETAIL PLANS.

CONTRACT NO.  
FQ15090

REFERENCE DRAWINGS				REVISIONS			
DESIGNED	L.K.	12/26/14	DATE	NUMBER	DESCRIPTION	DATE	BY
DRAWN	M.Z.	12/26/14	DATE			6/18/15	HI
CHECKED	A.I.A.	12/26/14	DATE			6/25/15	HI
APPROVED	J.D.P.	12/26/14	DATE			7/16/15	HI

DESCRIPTION	DATE	BY
REVISED DRAWING AM 2	6/18/15	HI
REVISED DRAWING AM 3	6/25/15	HI
REVISED DRAWING AM 4	7/16/15	HI



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SUBMITTED  
PROJECT MANAGER

REHABILITATION OF WMATA PARKING FACILITIES  
STRUCTURAL-SHADY GROVE NORTH

CONSTRUCTION NOTES

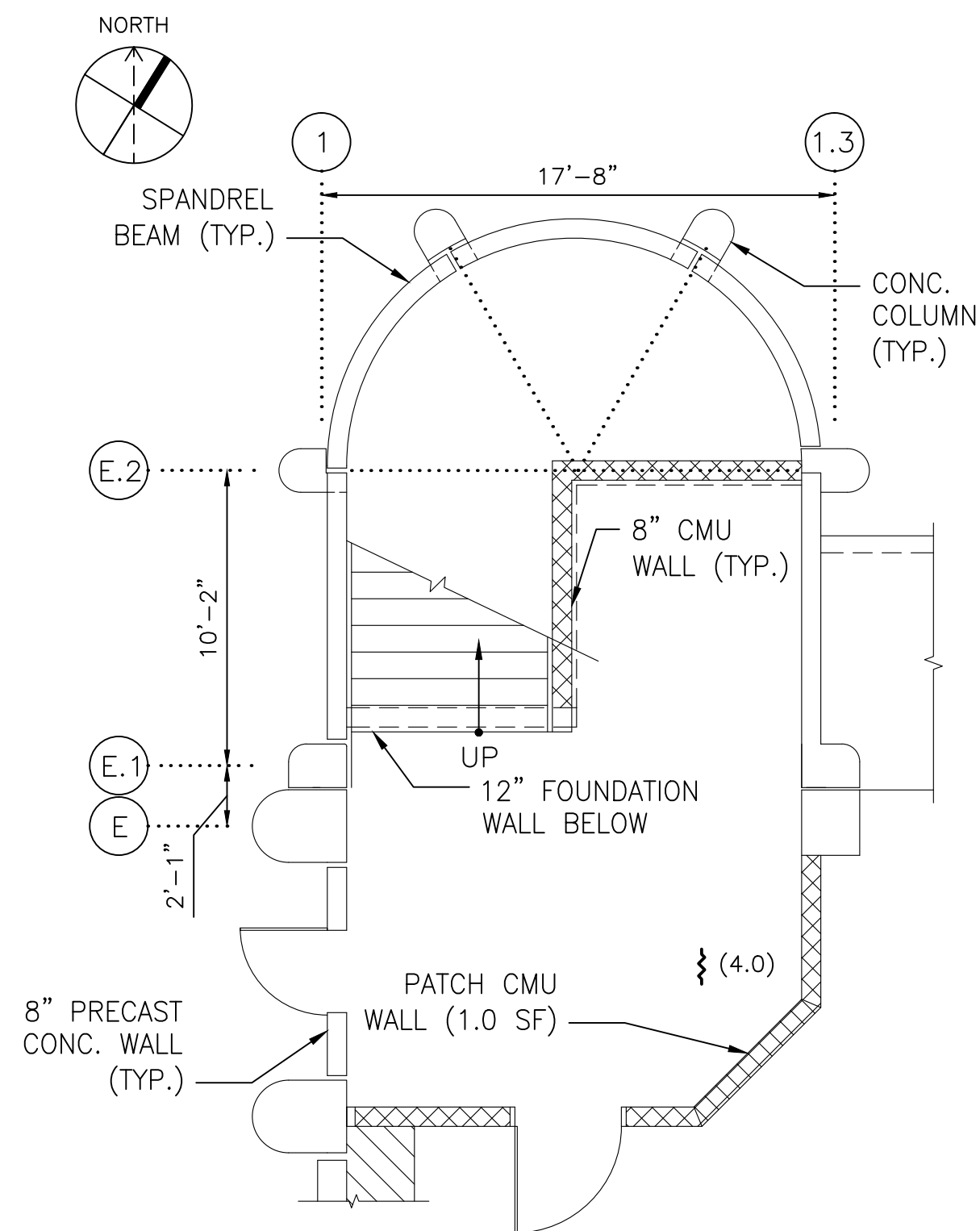
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AS SHOWN

DRAWING NO.  
A15P-S-001

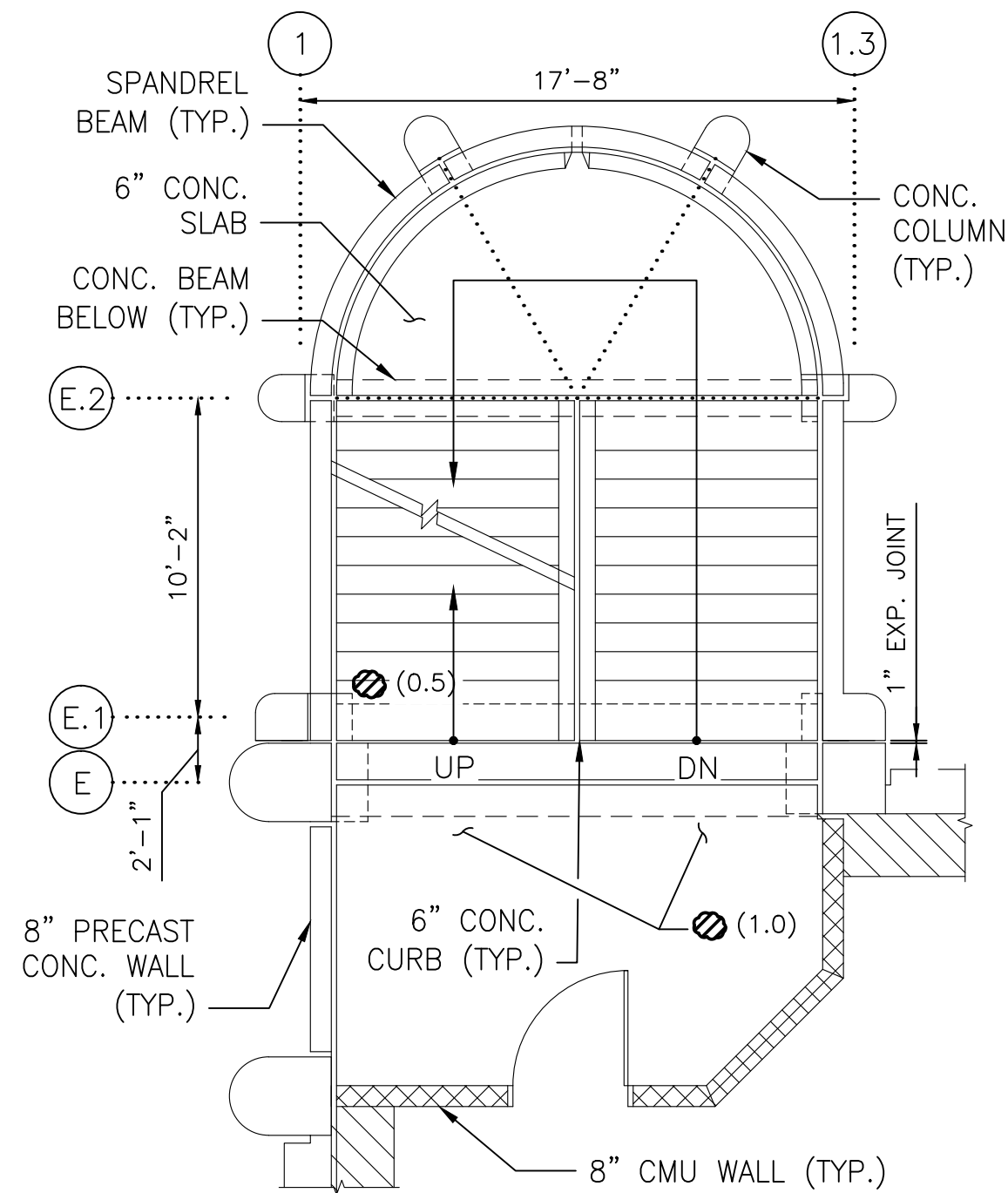
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SHEET NO.  
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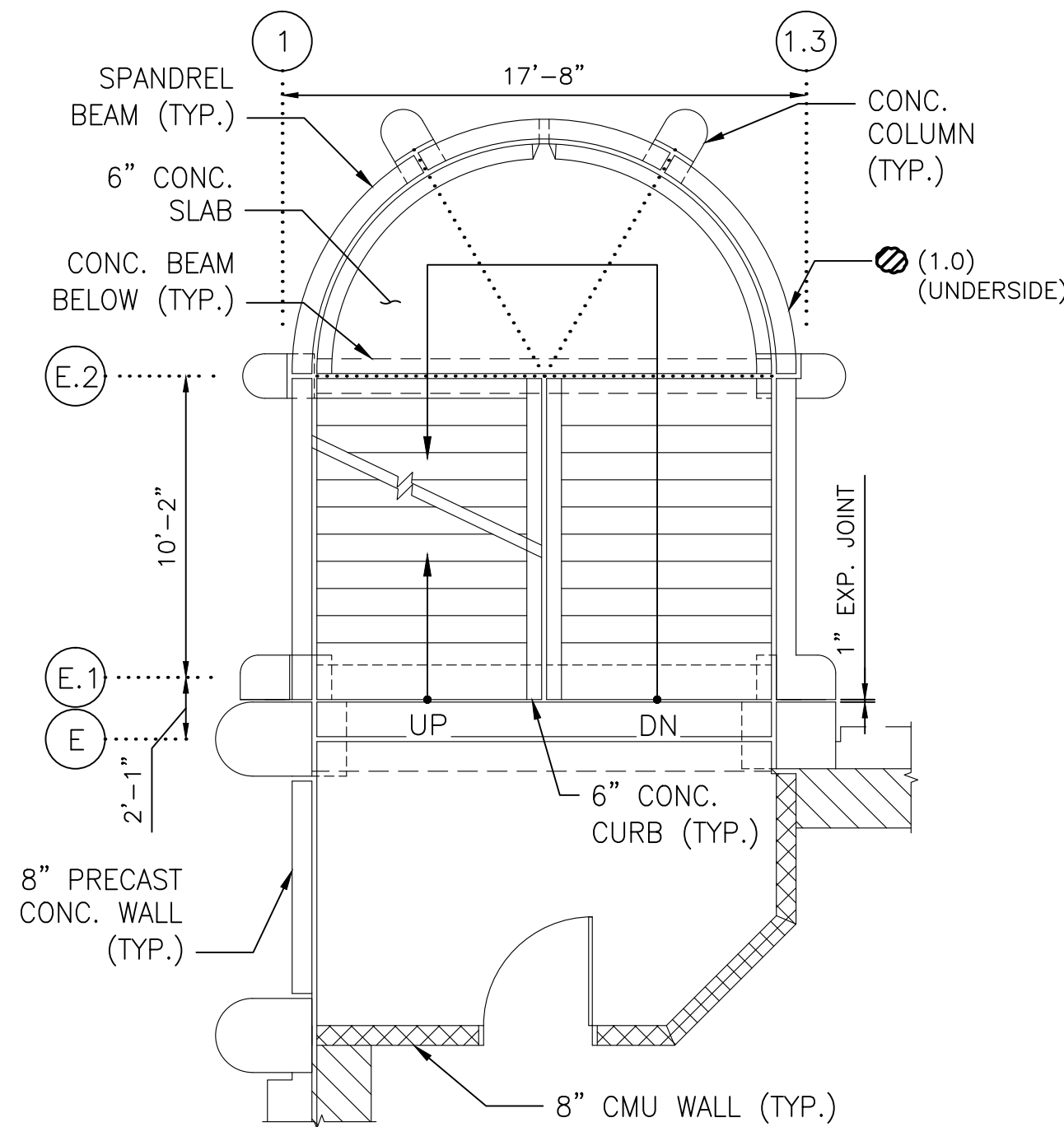




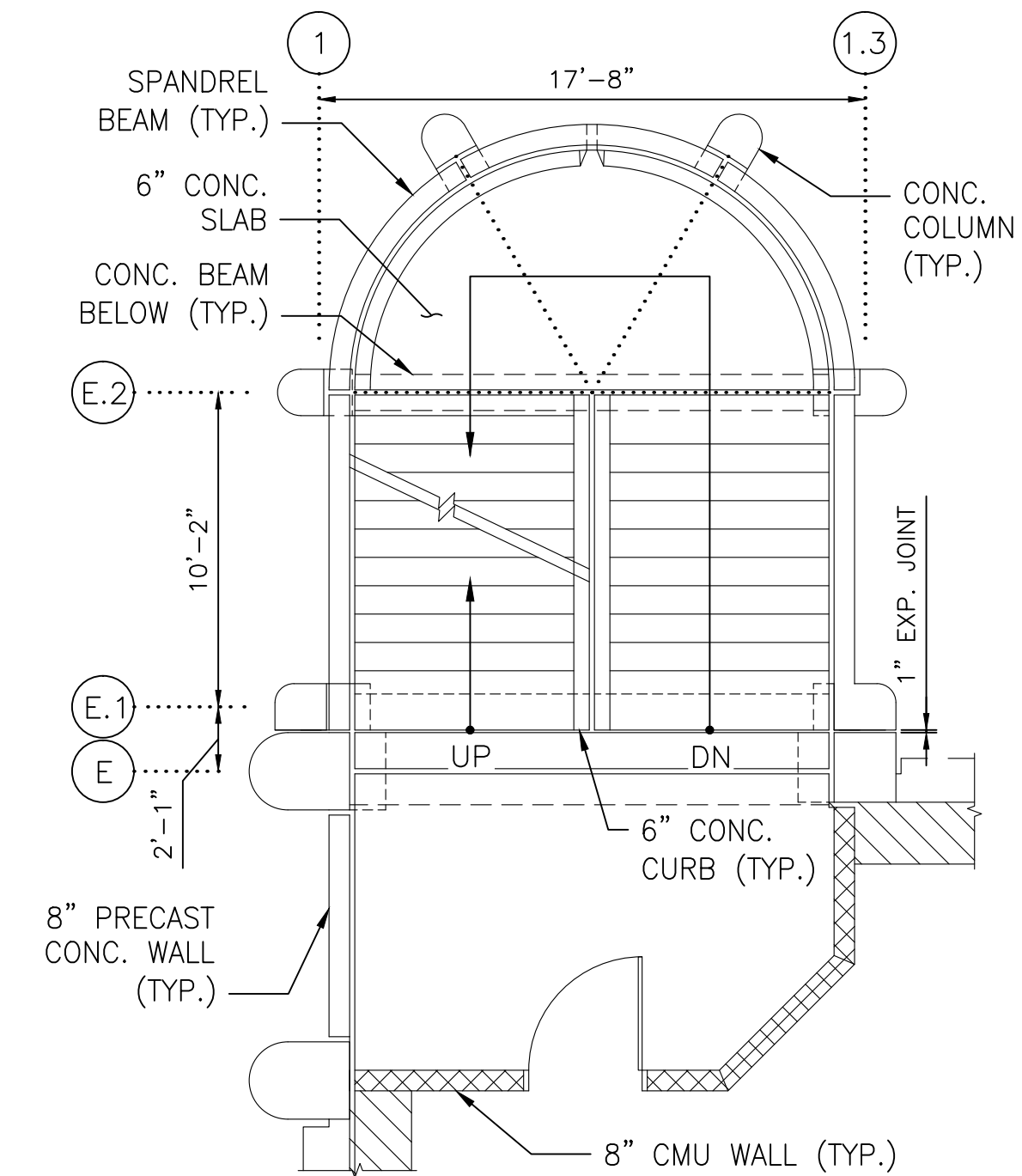
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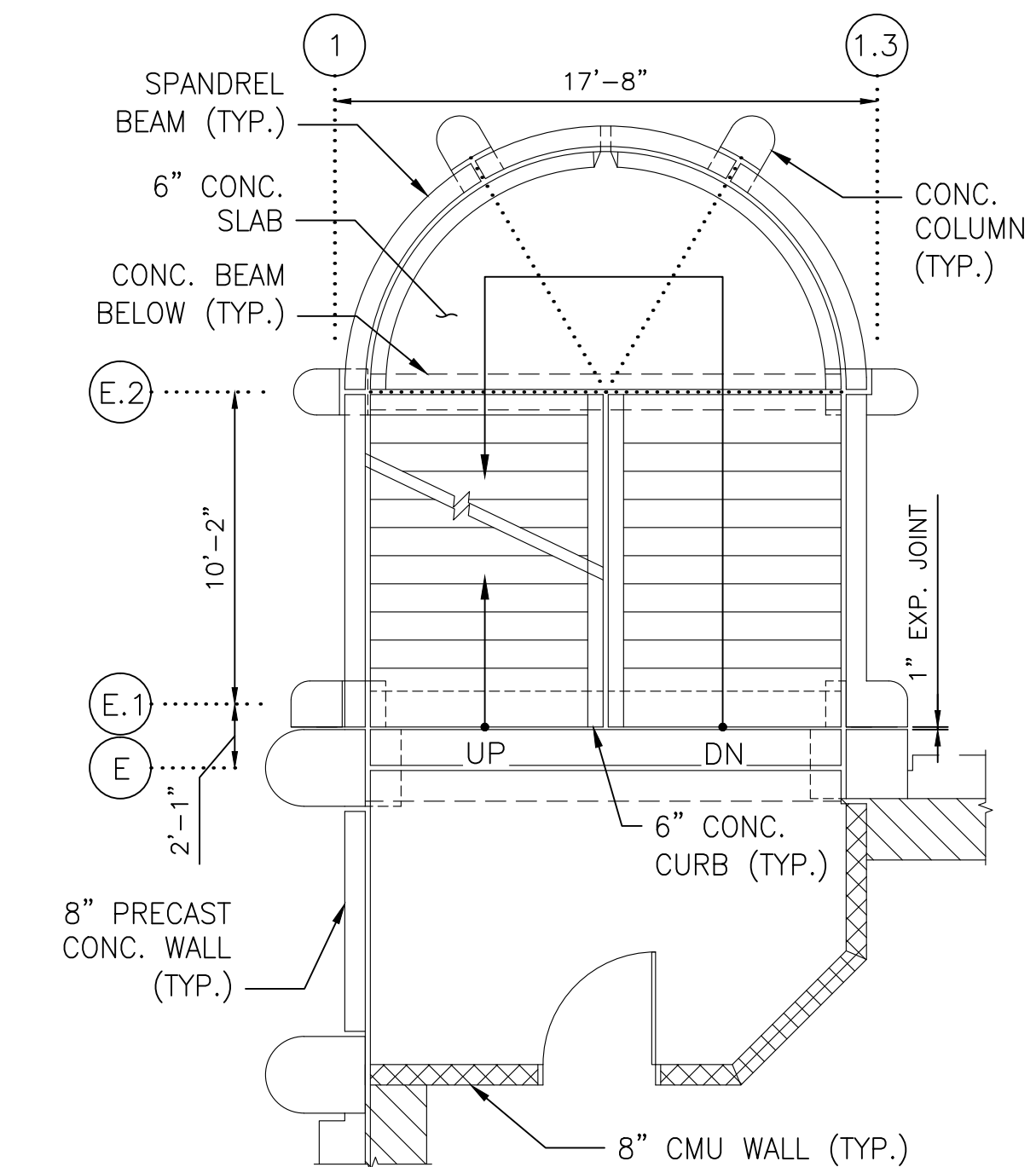
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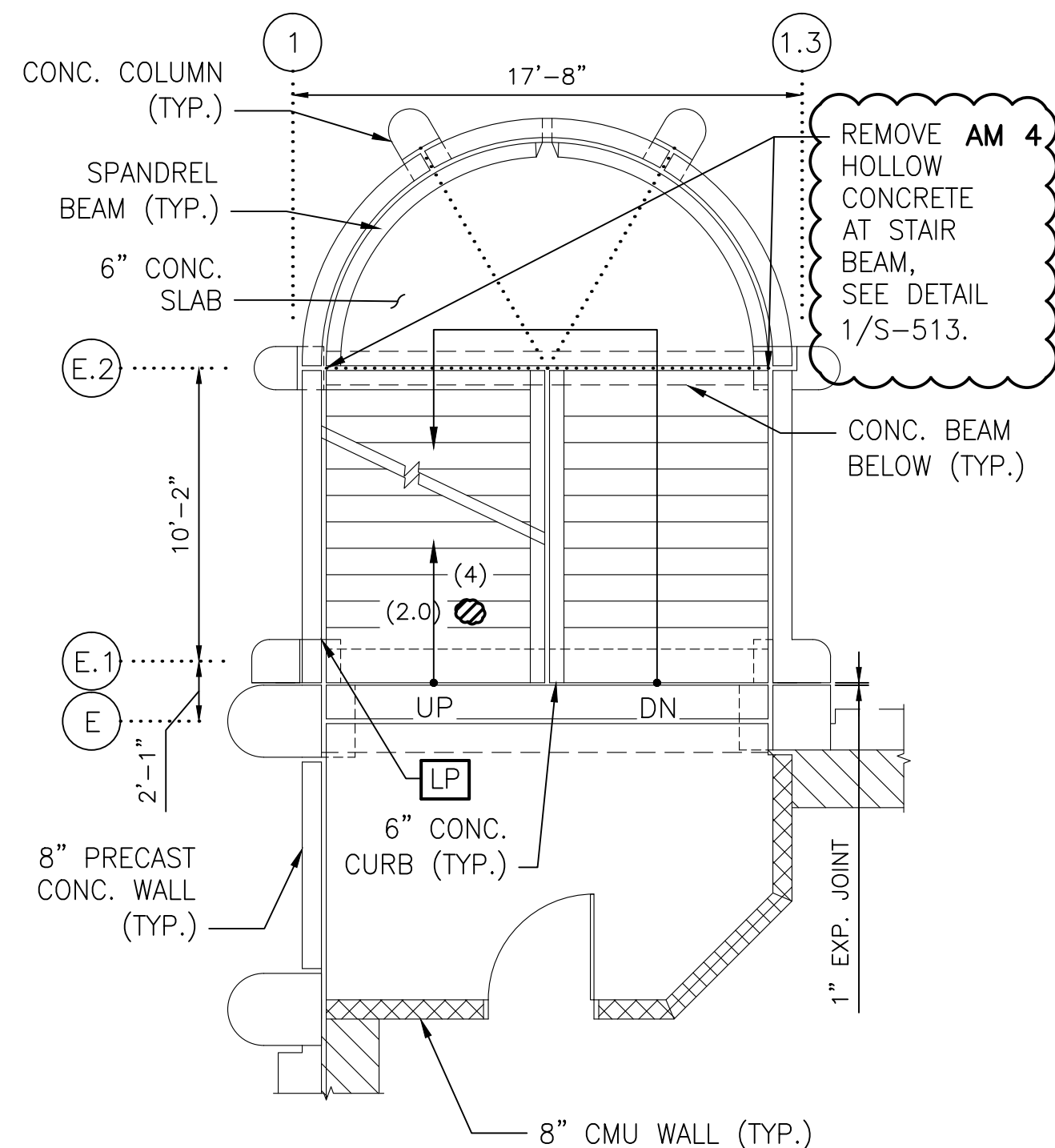
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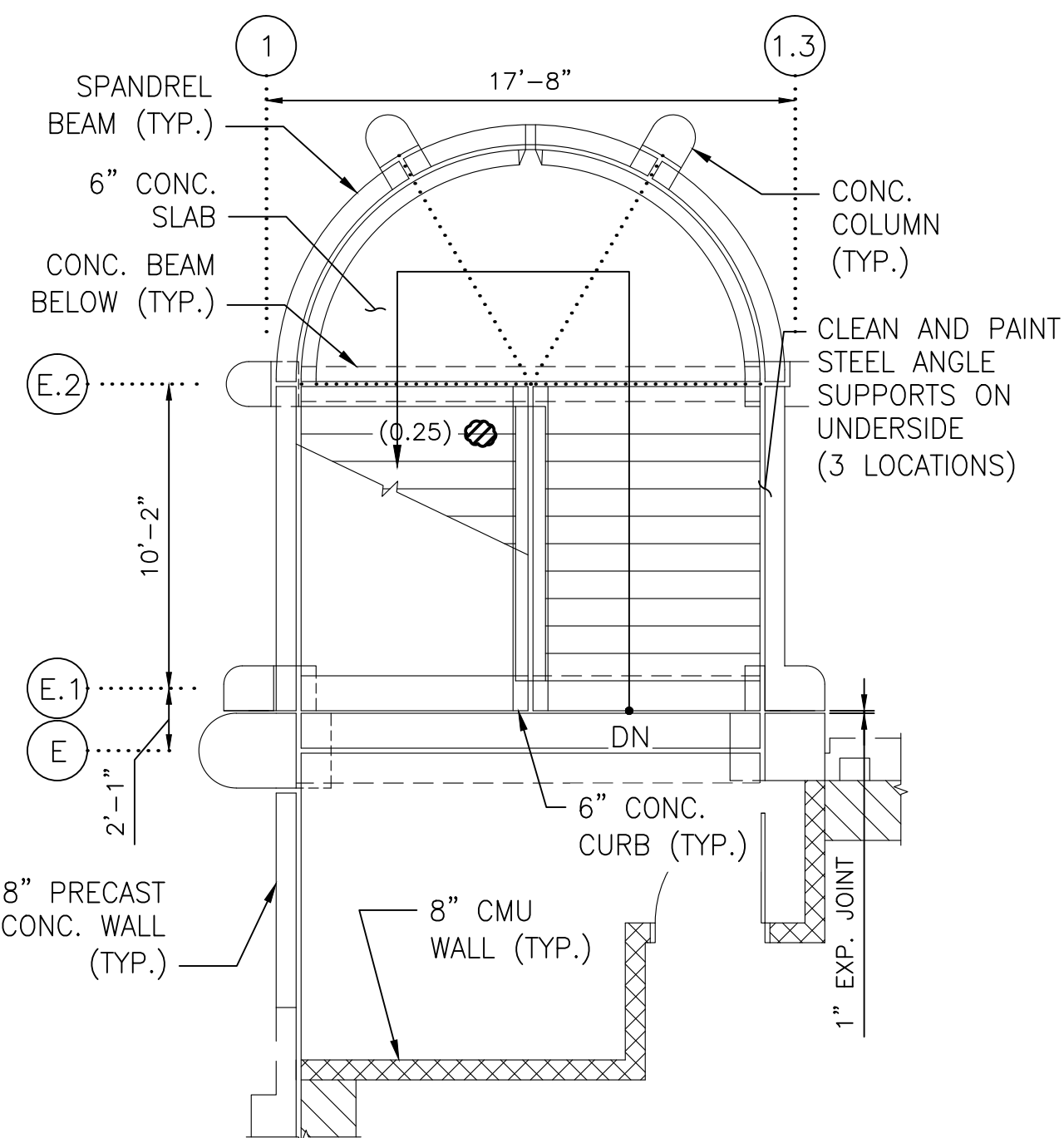
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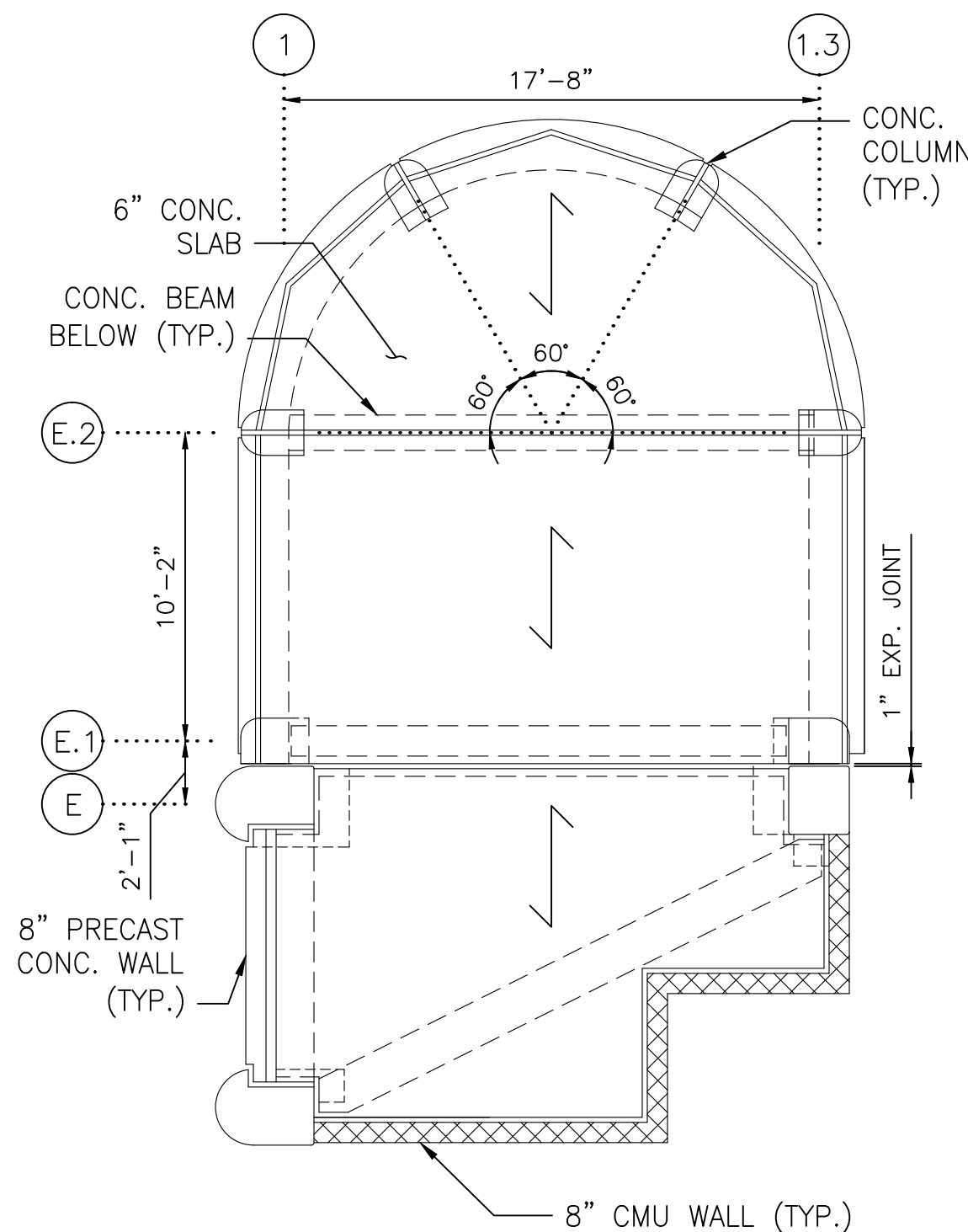
5 STAIR A - FIFTH FLOOR PLAN  
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6 STAIR A - SIXTH FLOOR PLAN  
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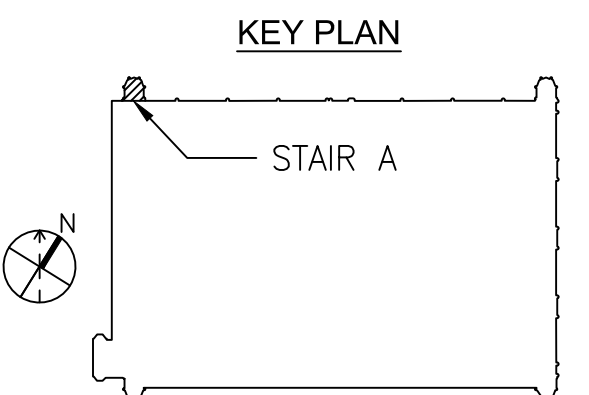


7 STAIR A - SEVENTH FLOOR PLAN  
SCALE: 3/16"=1'-0"



8 STAIR A - ROOF FLOOR PLAN  
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NOTE:  
1. FOR ALL REPAIR DETAILS, SEE SHADY GROVE NORTH GARAGE CONSTRUCTION NOTES ON DWG. A15P-S-001.



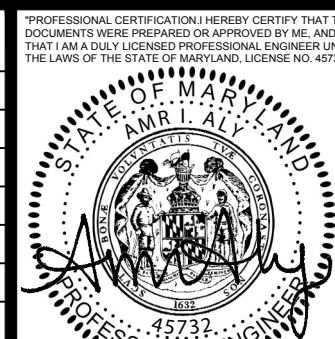
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CONTRACT NO.  
FQ15090

DESIGNED L.K. 12/26/14  
DATE  
DRAWN M.Z. 12/26/14  
DATE  
CHECKED A.I.A. 12/26/14  
DATE  
APPROVED J.D.P. 12/26/14  
DATE

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS		
NUMBER	DATE	DESCRIPTION



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

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**GFP** A Gannett Fleming/Parsons  
JOINT VENTURE

APPROVED  
CHIEF ENGINEER DATE

SUBMITTED  
PROJECT MANAGER DATE

REHABILITATION OF WMATA PARKING FACILITIES  
STRUCTURAL-SHADY GROVE NORTH

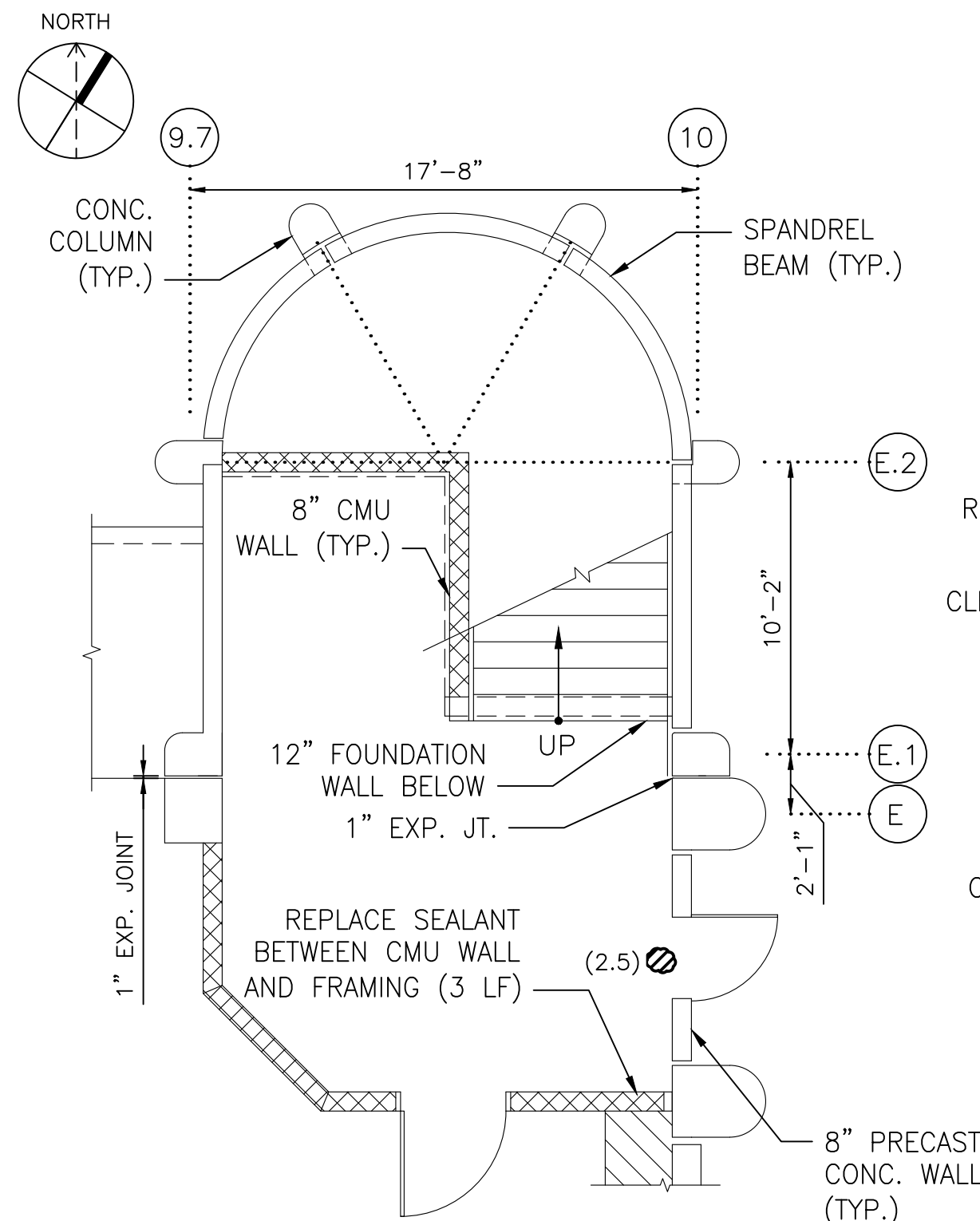
STAIR A PLANS

SCALE  
AS SHOWN

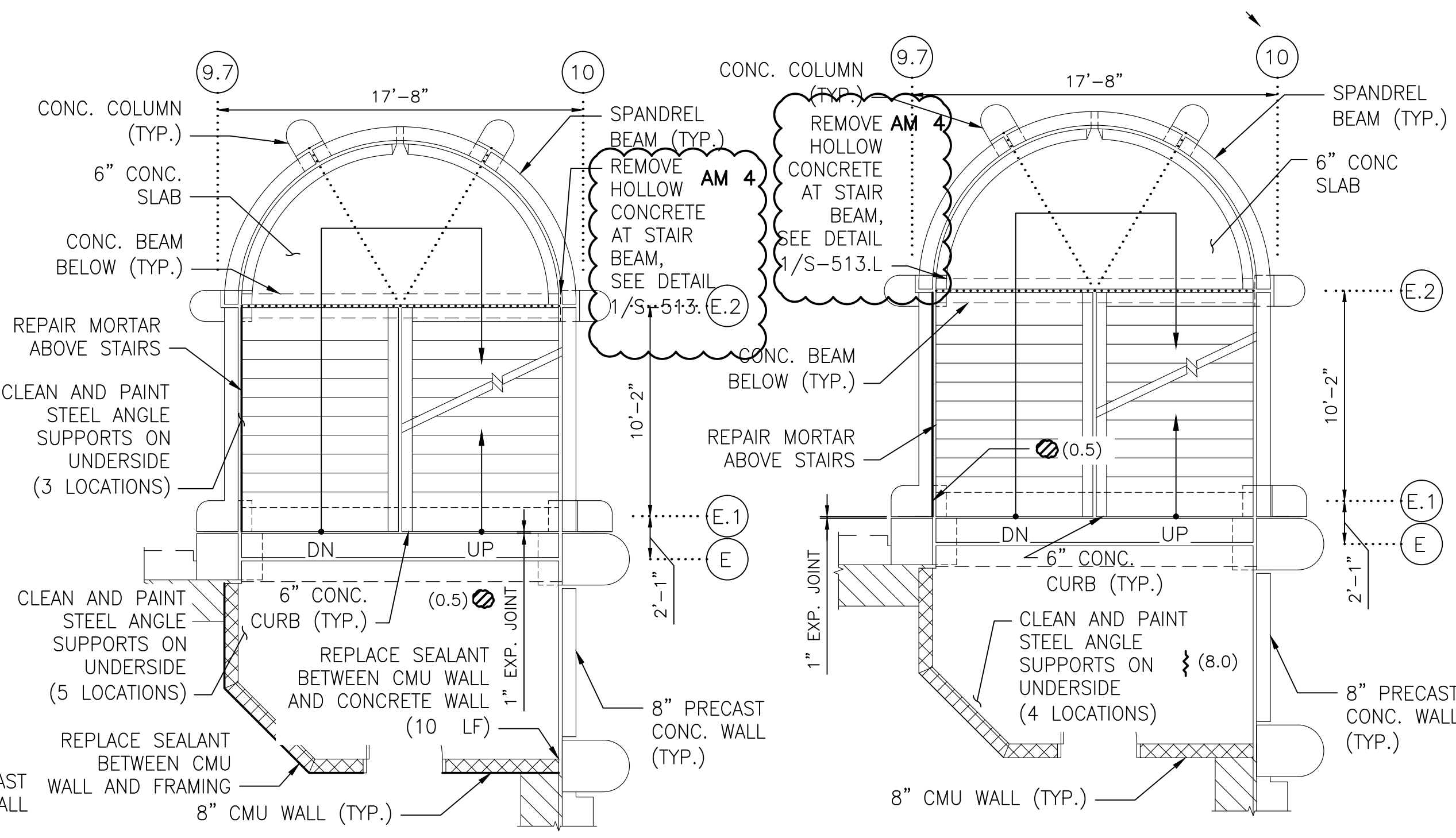
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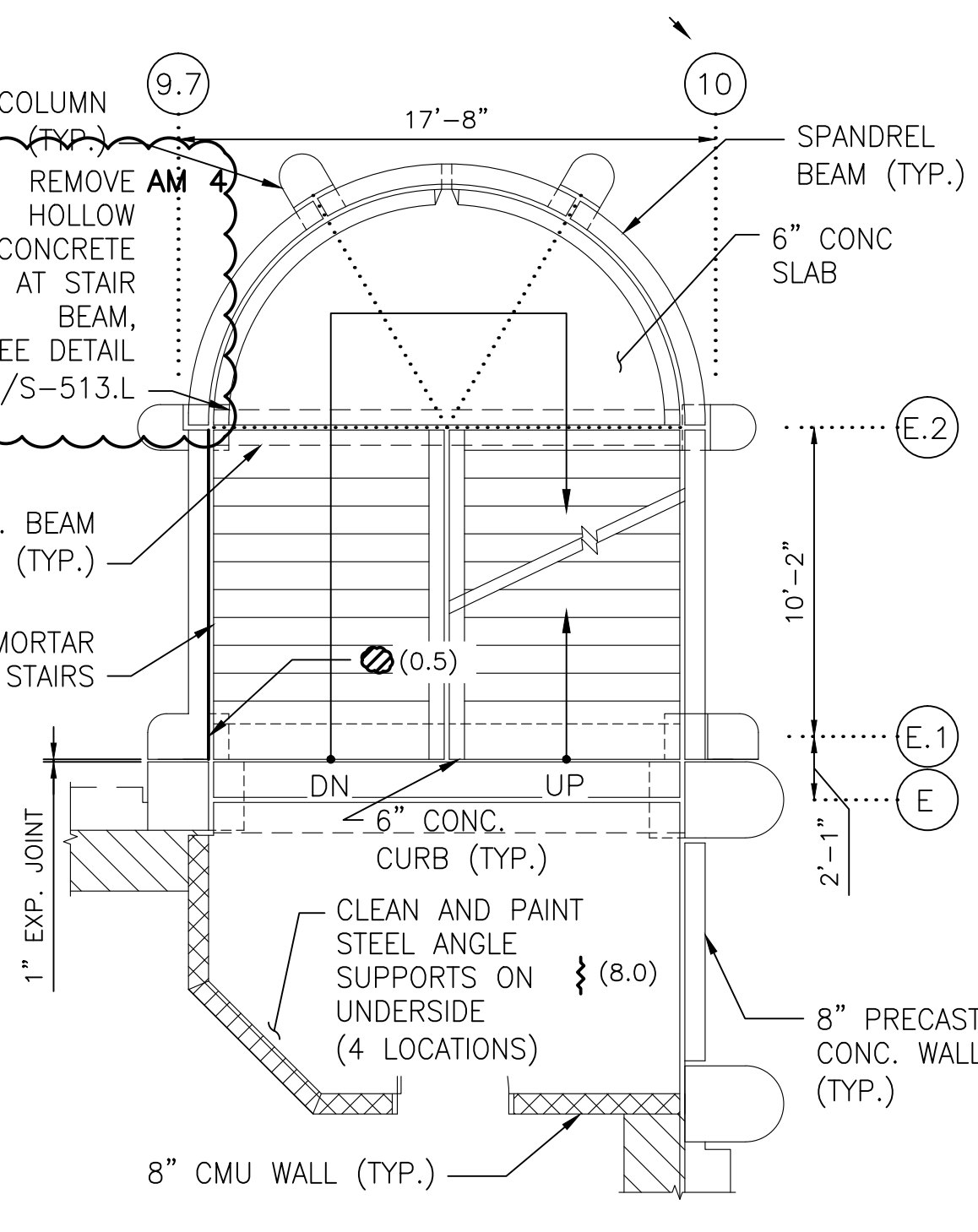




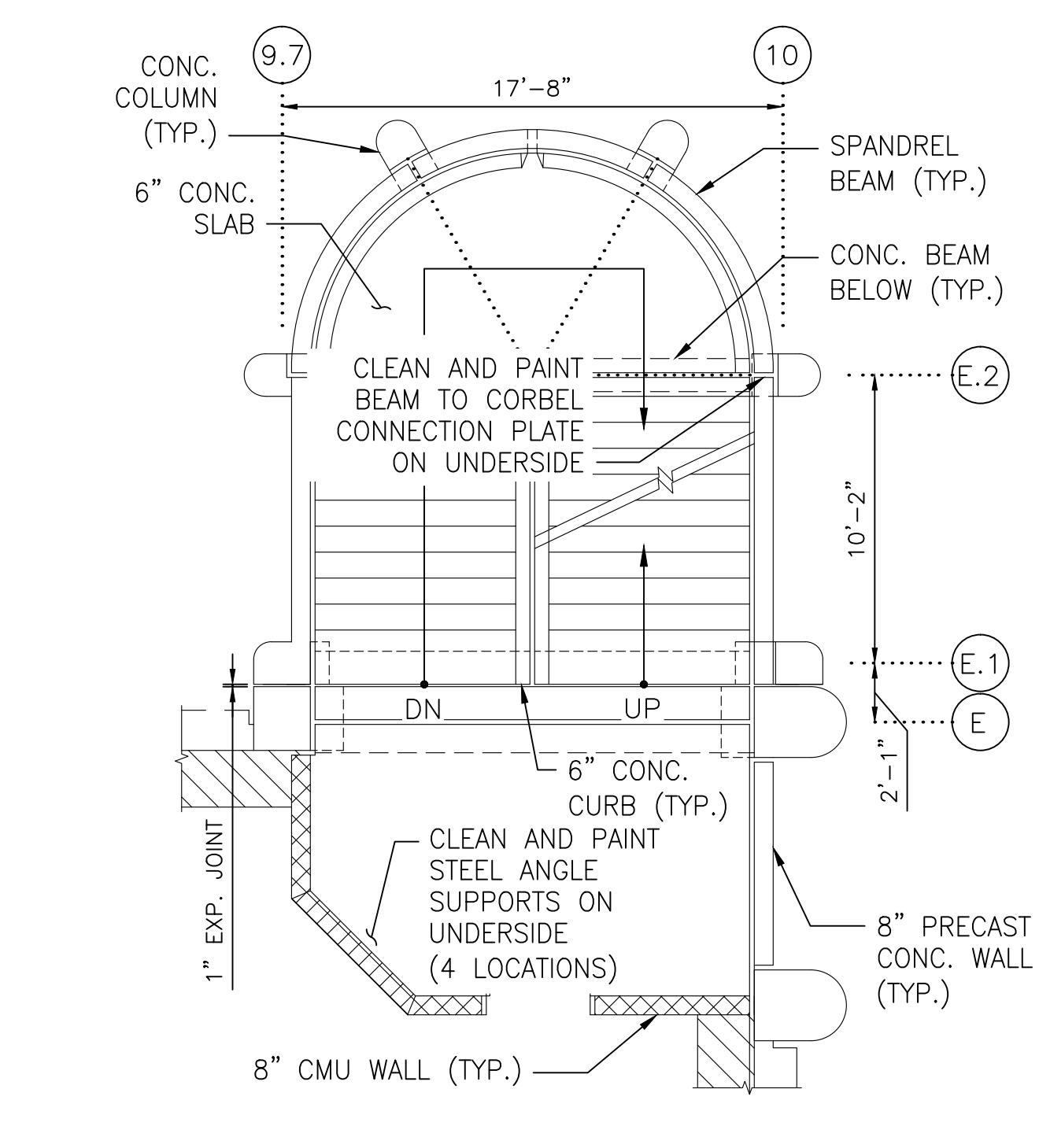
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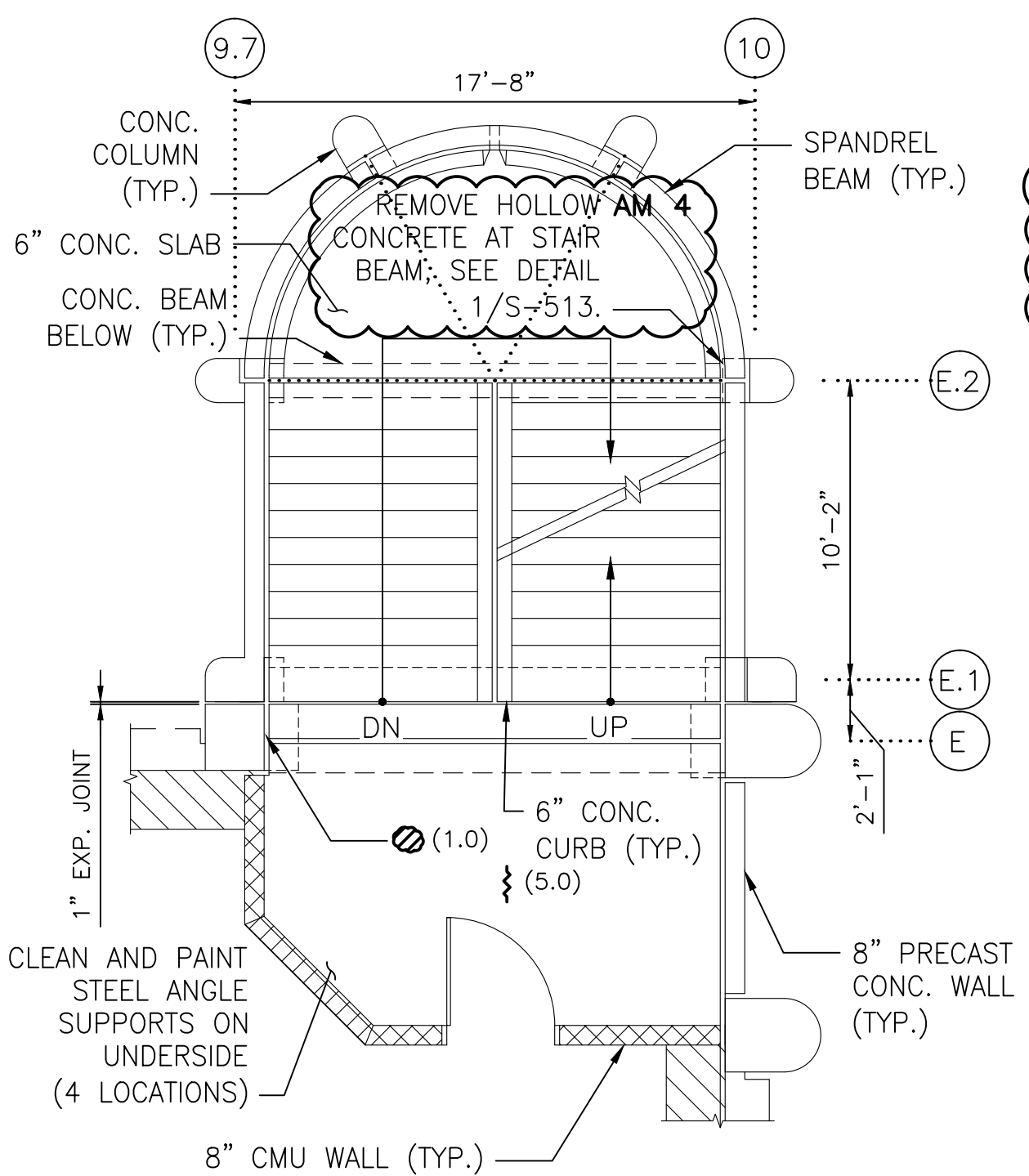
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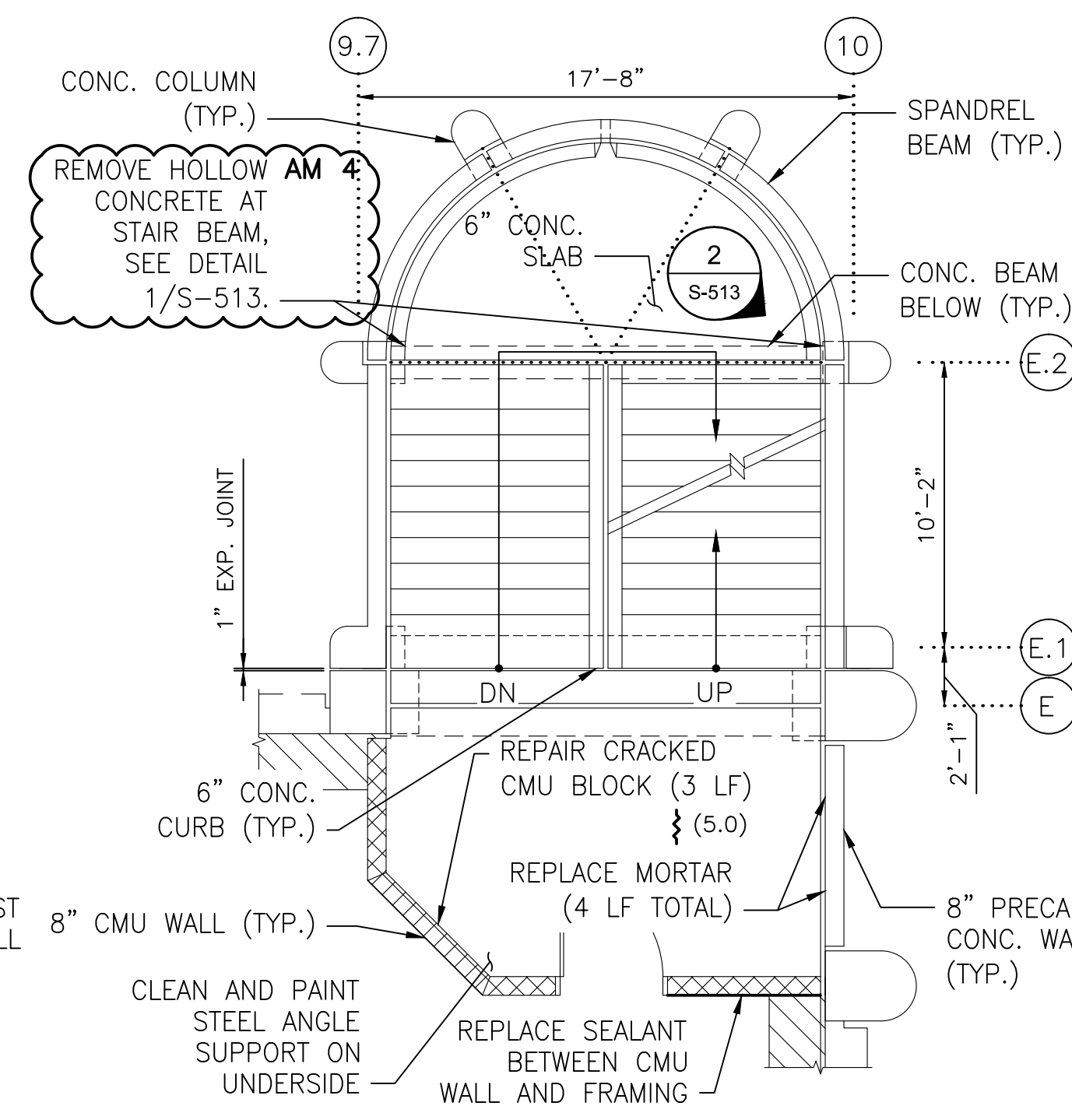
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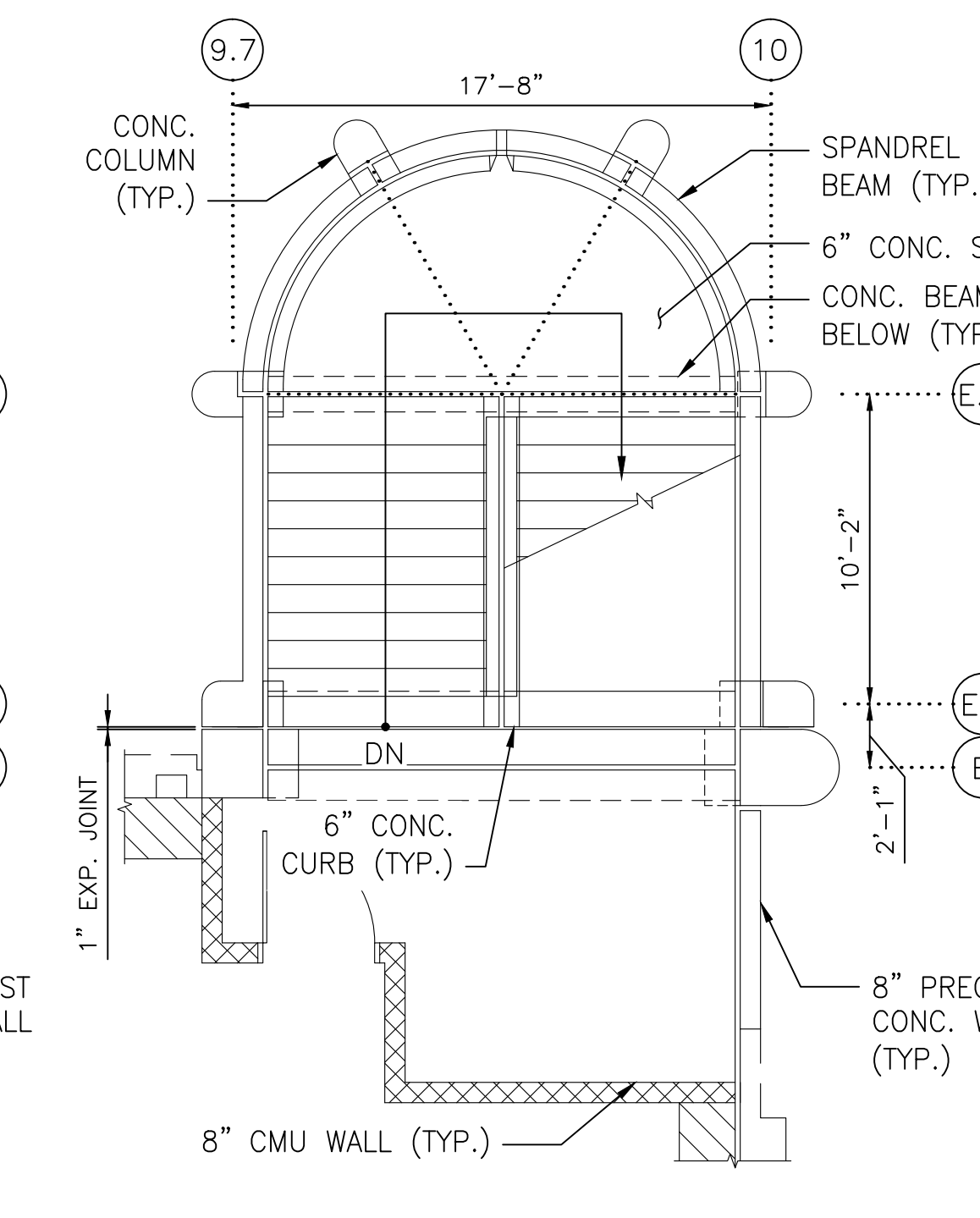
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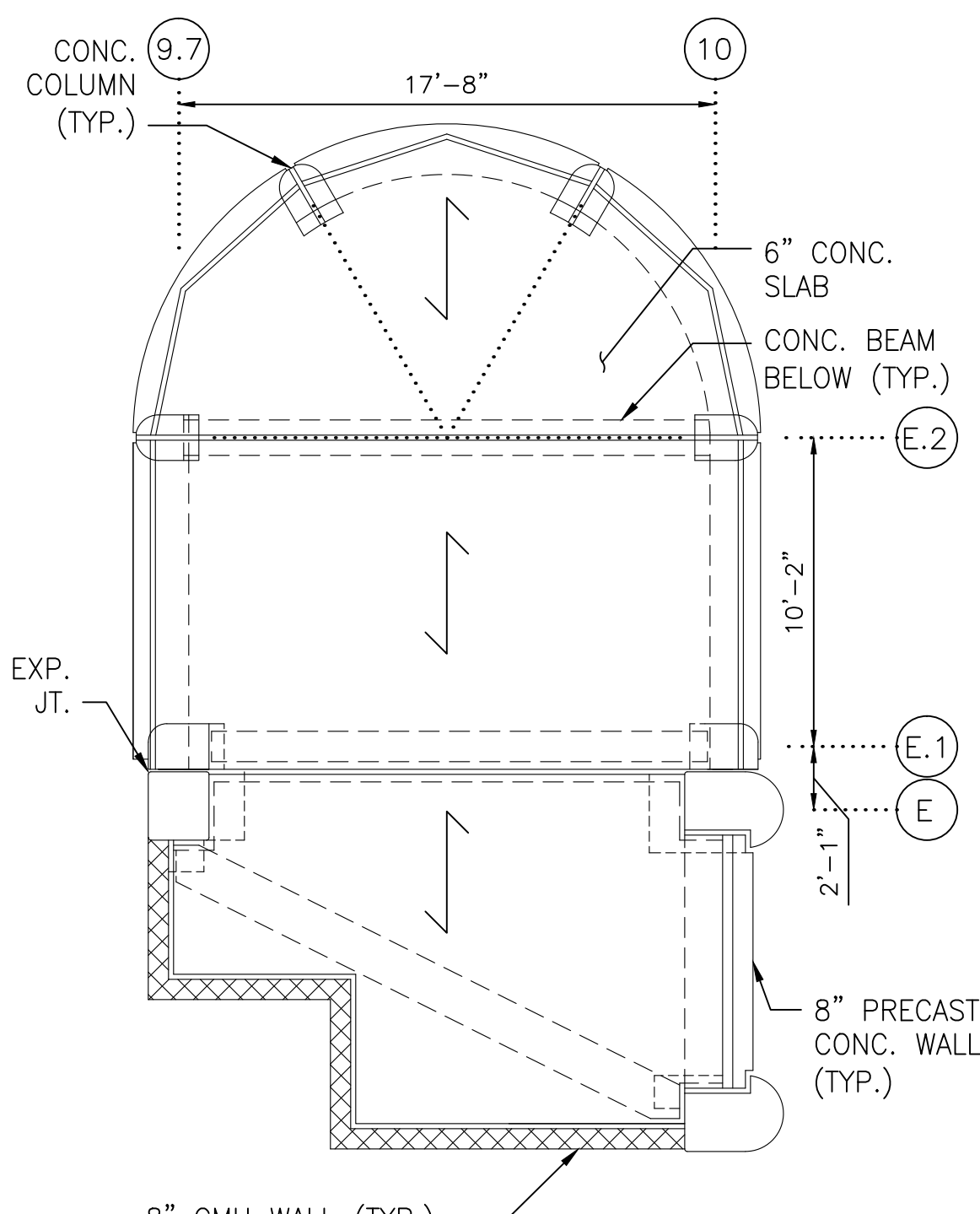
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6 STAIR B - SIXTH FLOOR PLAN  
SCALE: 3/16"=1'-0"

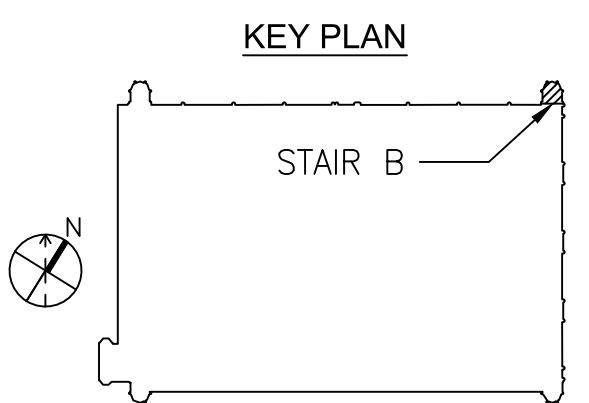


7 STAIR B - SEVENTH FLOOR PLAN  
SCALE: 3/16"=1'-0"



8 STAIR B - ROOF FLOOR PLAN  
SCALE: 3/16"=1'-0"

NOTE:  
1. FOR ALL REPAIR DETAILS, SEE SHADY GROVE NORTH GARAGE CONSTRUCTION NOTES ON DWG. A15P-S-001.



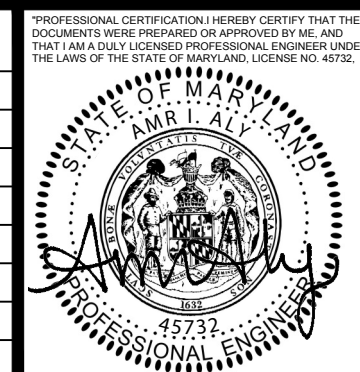
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CONTRACT NO.  
FQ15090

DESIGNED		12/26/14		DATE	
L.K.		12/26/14		DATE	
DRAWN		12/26/14		DATE	
M.Z.		12/26/14		DATE	
CHECKED		12/26/14		DATE	
A.I.A.		12/26/14		DATE	
APPROVED		12/26/14		DATE	
J.D.P.		12/26/14		DATE	

REFERENCE DRAWINGS	
NUMBER	DESCRIPTION

REVISIONS	
DATE	DESCRIPTION
7/16/15	REVISED DRAWING AM 4



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY**

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**GFP** A Gannett Fleming/Parsons JOINT VENTURE

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF ENGINEER

SUBMITTED \_\_\_\_\_ DATE \_\_\_\_\_  
PROJECT MANAGER

**REHABILITATION OF WMATA PARKING FACILITIES**  
STRUCTURAL-SHADY GROVE NORTH

**STAIR B PLANS**

SCALE AS SHOWN

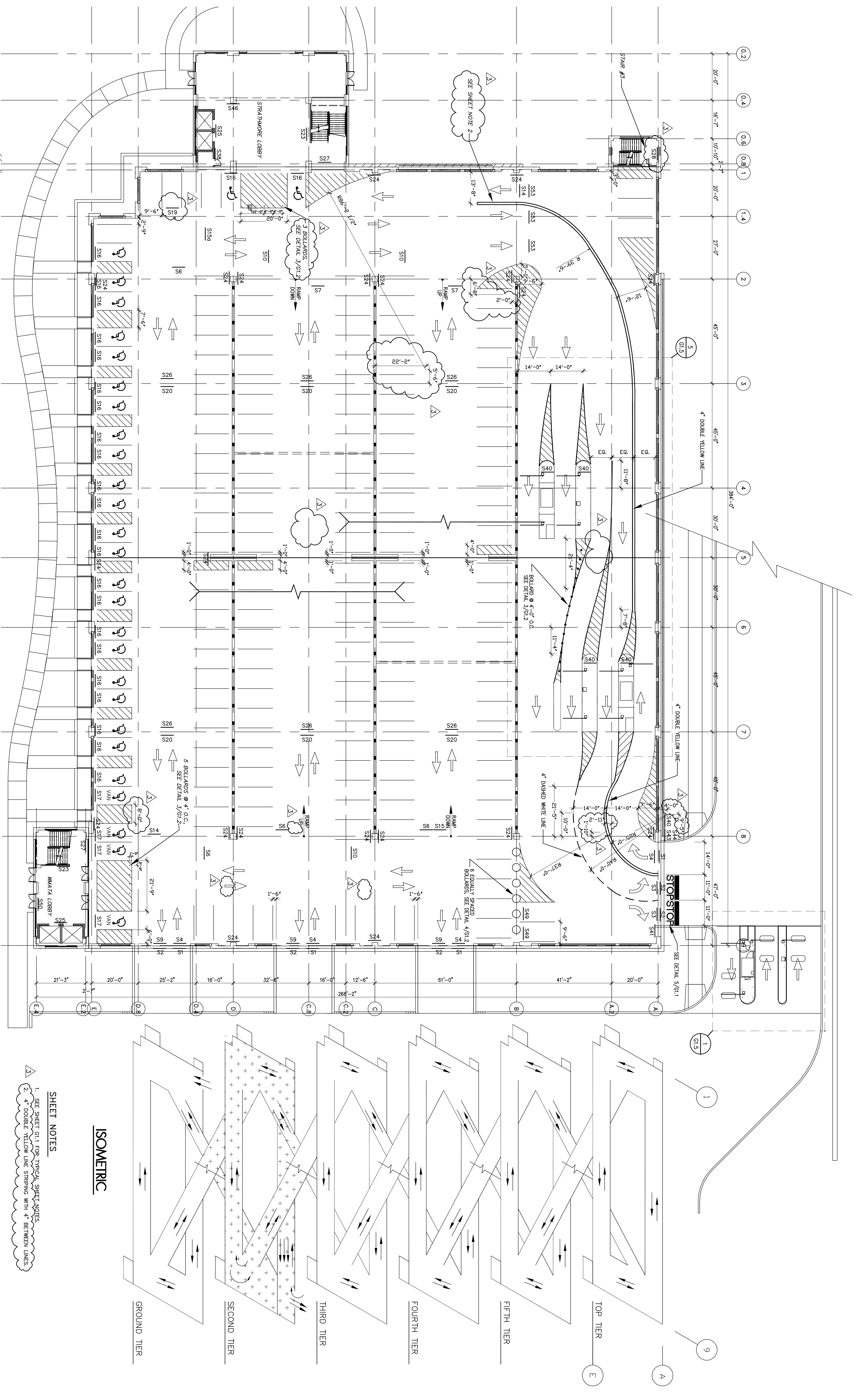
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SHEET NO. M1269-125

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ISOMETRIC

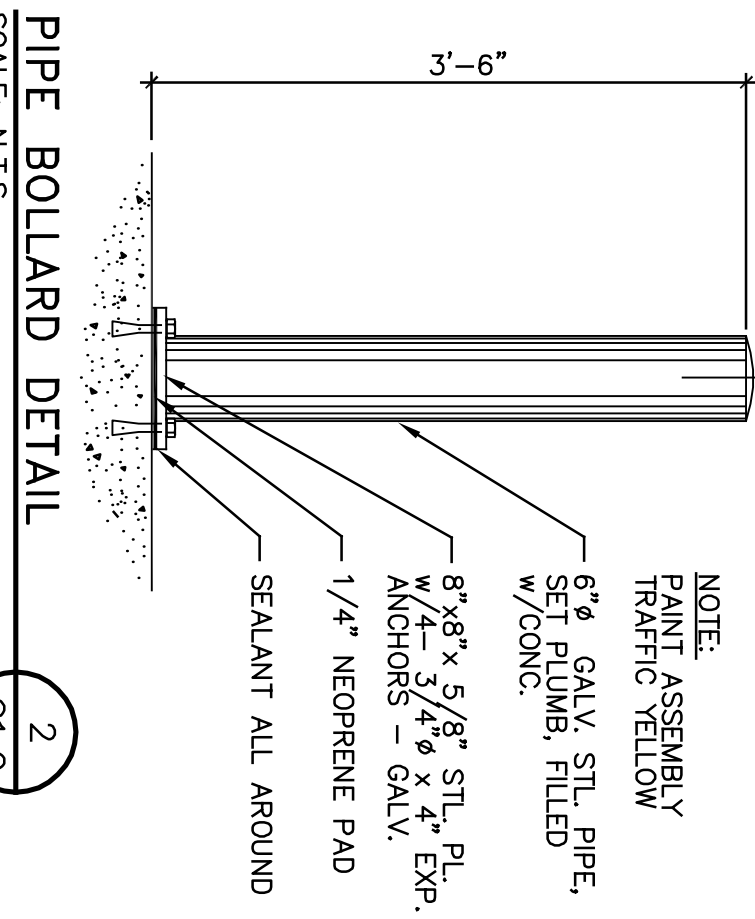
SHEET NOTES

- SEE SHEET G1.1 FOR TYPICAL SHEET NOTES.
- 4" DOUBLE YELLOW LINE STRIPING WITH 4" BETWEEN LINES.

SECOND TIER STRIPING PLAN

SCALE: 1/8"=1'-0"

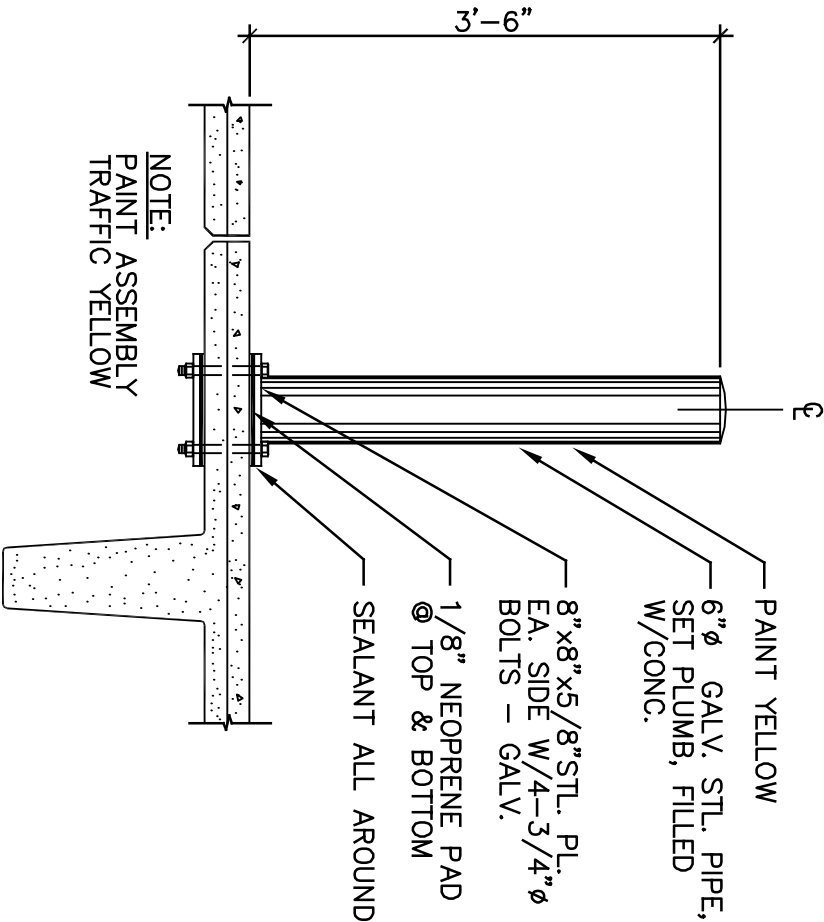
G1.2



PIPE BOLLARD DETAIL

SCALE: N.T.S.

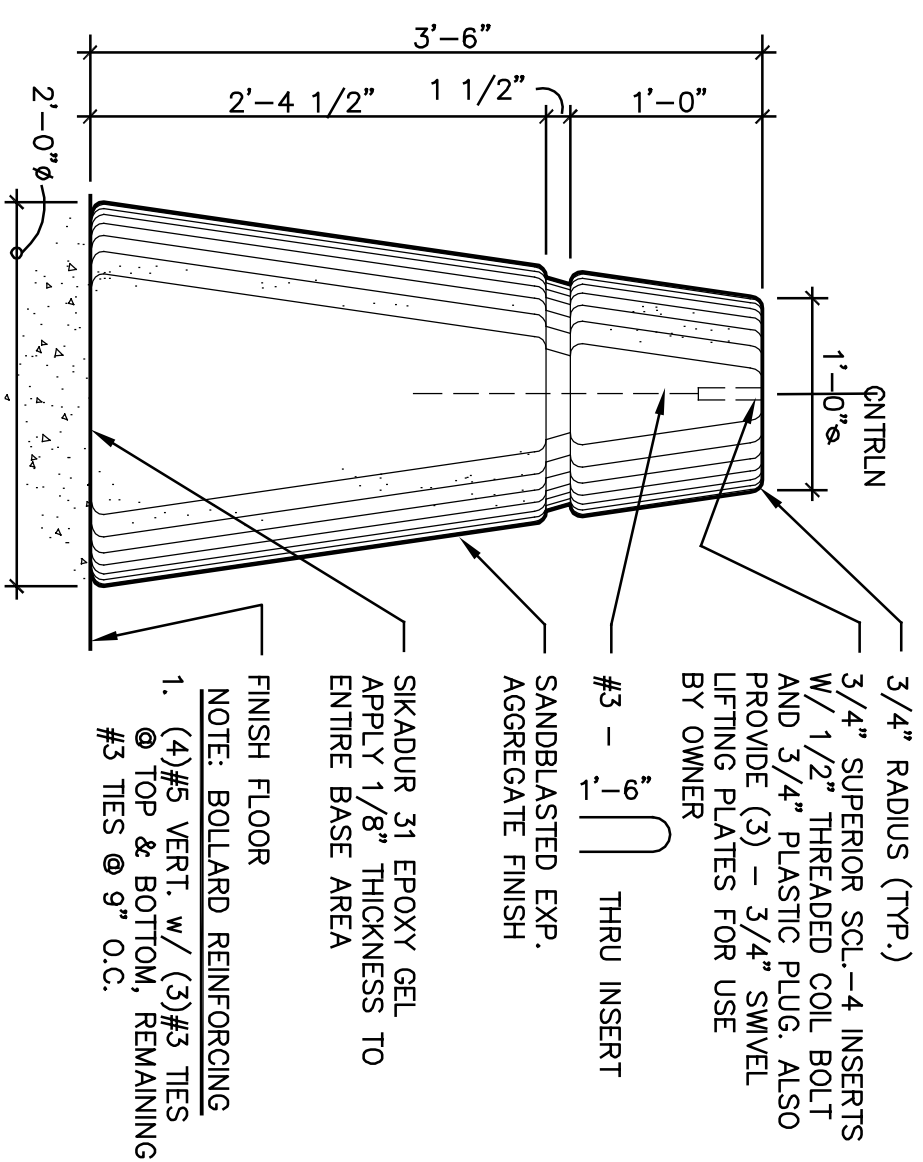
G1.2



PIPE BOLLARD DETAIL

SCALE: N.T.S.

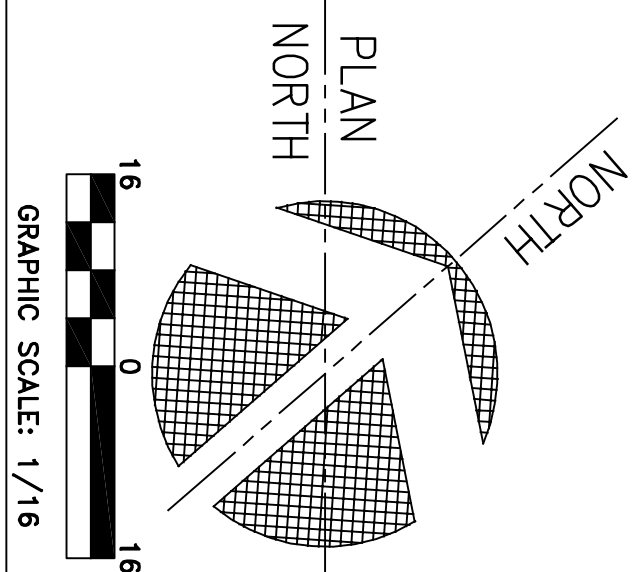
G1.2



PRECAST CONCRETE BOLLARD DETAIL

SCALE: N.T.S.

G1.2

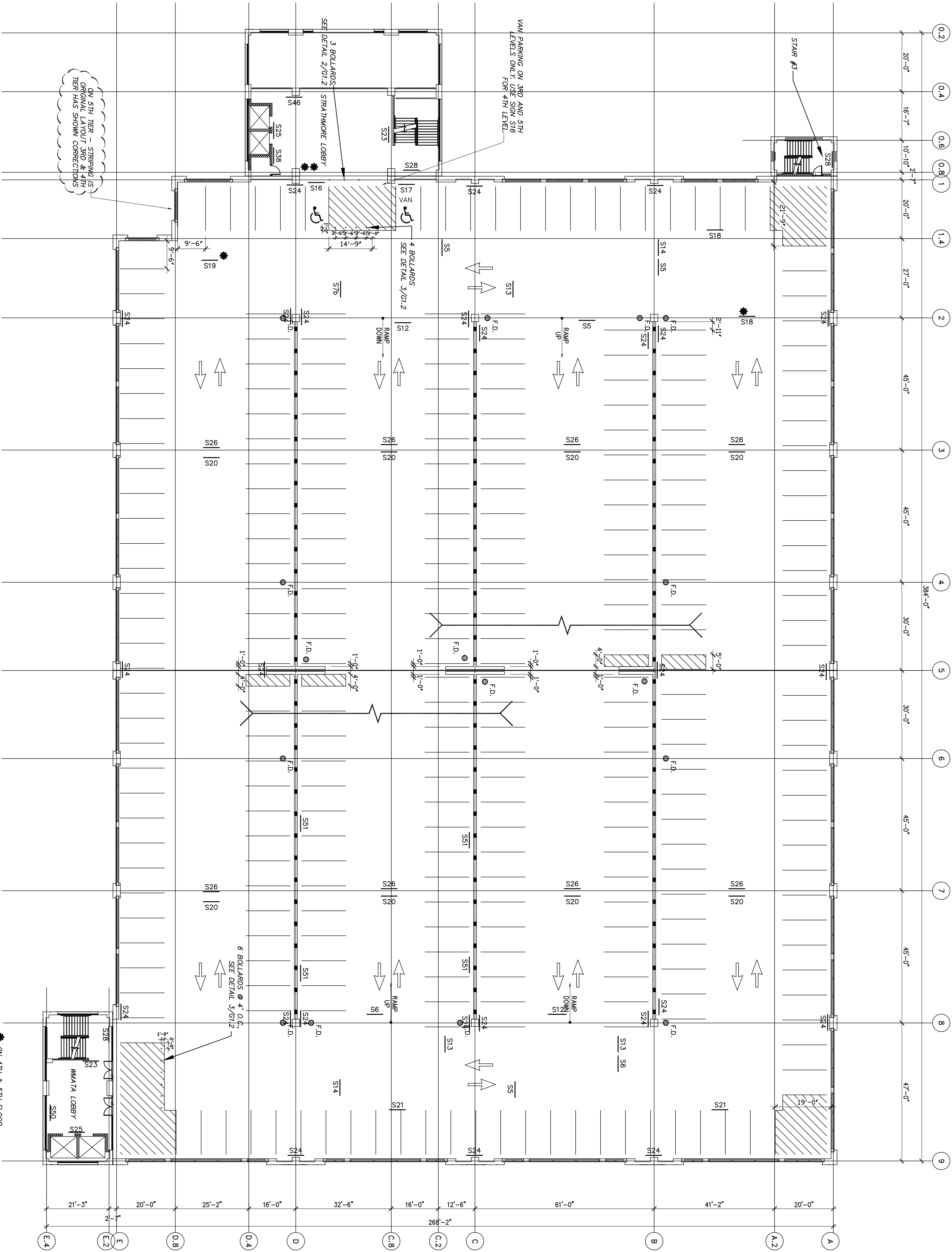


PLAN  
NORTH  
GRAPHIC SCALE: 1/16"

MARK	DATE	REVISION / RELEASE	INITIAL	APPD.
G1.3	05-22-01 06-29-01 09-21-01	PERMIT SUBMISSION ISSUED FOR BID ADDENDUM #3		

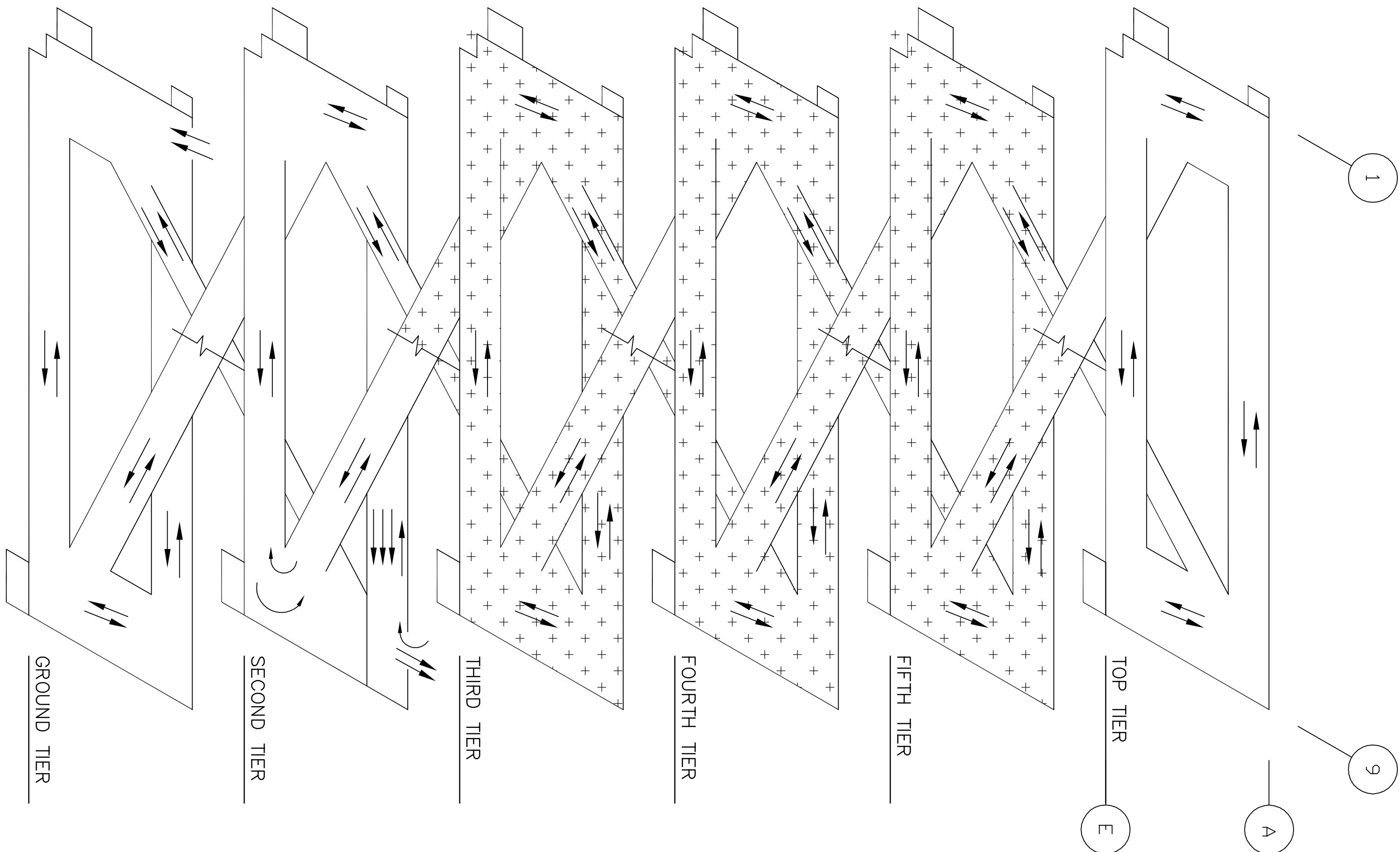
PROJECT NO.	14-279202
PROJECT NAME	GROSVENOR METRO STATION
PROJECT LOCATION	MONTGOMERY COUNTY, MD
PROJECT OWNER	PARCEL 428 LIBER 4860/FOLIO 15 AND LIBER 5262/FOLIO 653

WALKER ARCHITECTS	900 New York Road, Suite 800 Wheat Ridge, CO 80037 (303) 955-0200 www.walkerarchitects.com
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TYPICAL TIER STRIPING PLAN  
SCALE: 1/16"=1'-0"

ISOMETRIC



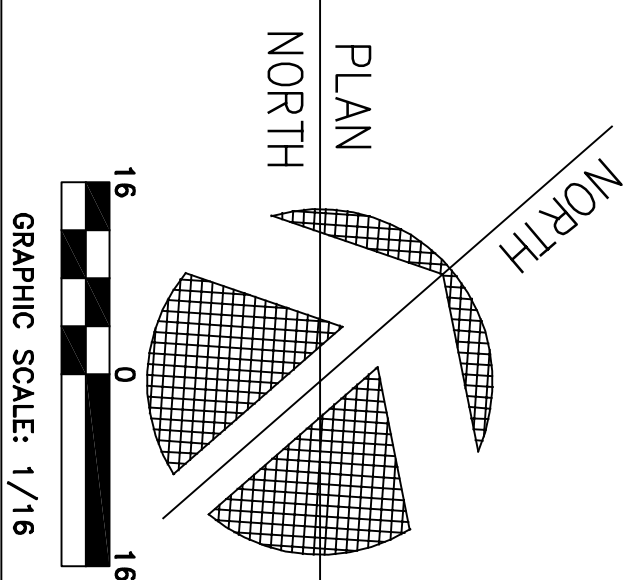
SHEET NOTES  
1. SEE SHEET G1.1 FOR TYPICAL SHEET NOTES.

SHEET TITLE TYPICAL TIER STRIPING & SIGNAGE PLAN

GROSVENOR METRO STATION  
PARKING STRUCTURE

MONTGOMERY COUNTY, MD PARCEL 428 LIBER 4860/FOLIO 15 AND LIBER 5262/FOLIO 653

MARK	DATE	REVISION / RELEASE	INITIAL	APPD.
	05-22-01 06-29-01	PERMIT SUBMISSION ISSUED FOR BID		



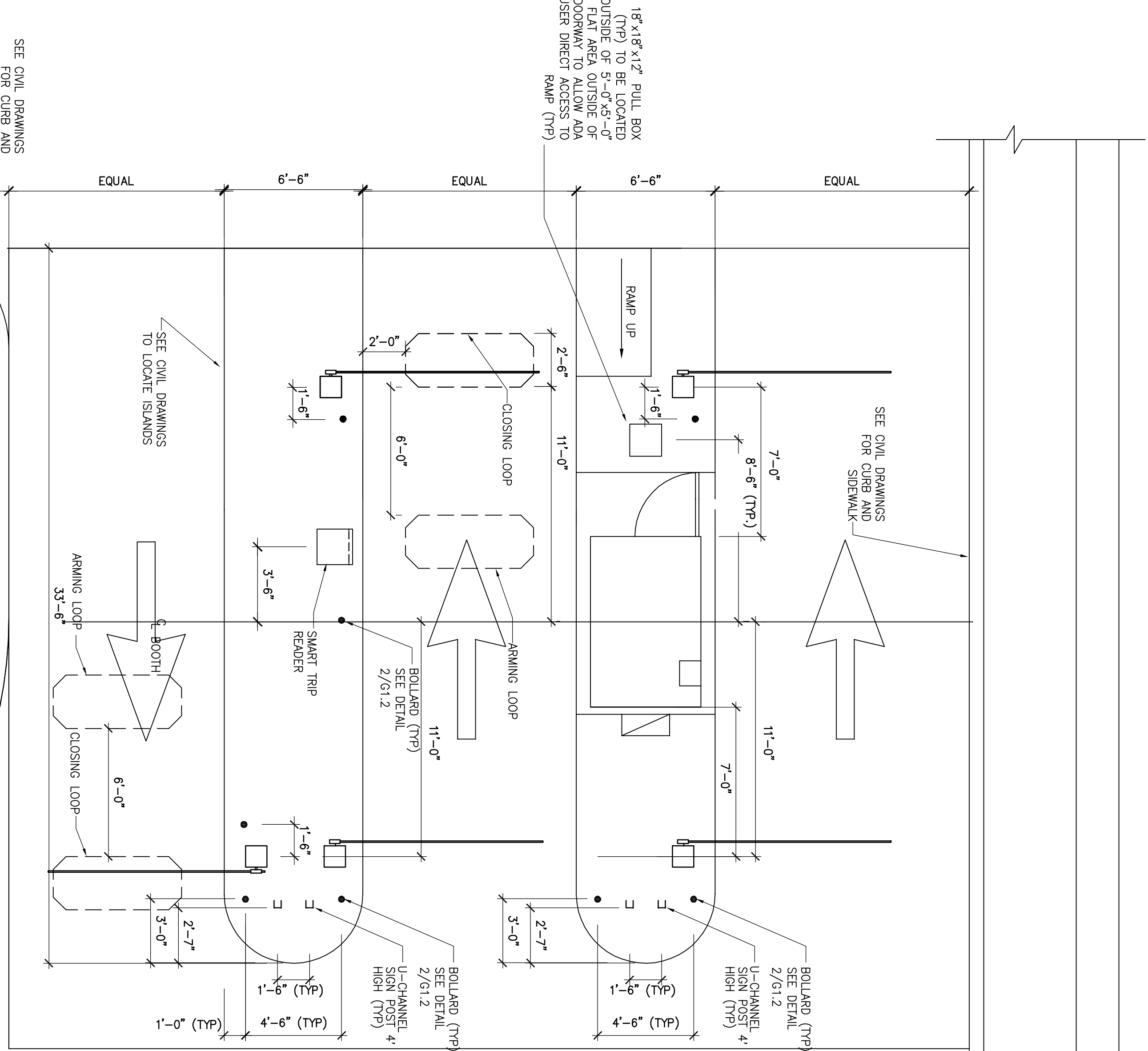
WALKER  
METRO CONSULTANTS  
900 West Valley Road, Suite 800  
Wheaton, PA 19387  
(610) 995-0200 fax  
(610) 995-0261 fax

PROJECT NO. 14-279202

G1.3  
SHEET NO.

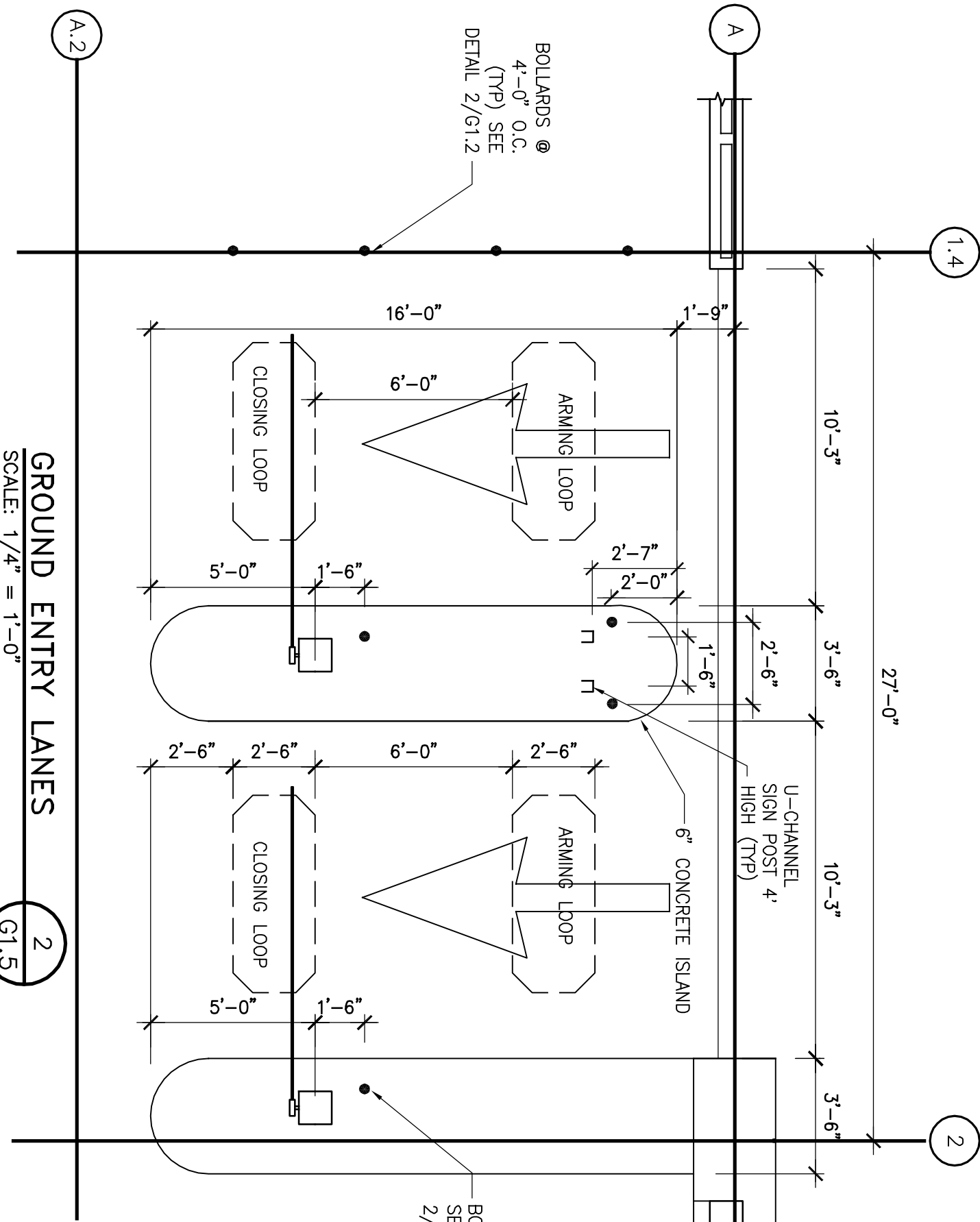






ROADWAY ENTRY/EXIT PLAN  
SCALE: 1/4" = 1'-0"

1  
G1.5



GROUND ENTRY LANES  
SCALE: 1/4" = 1'-0"

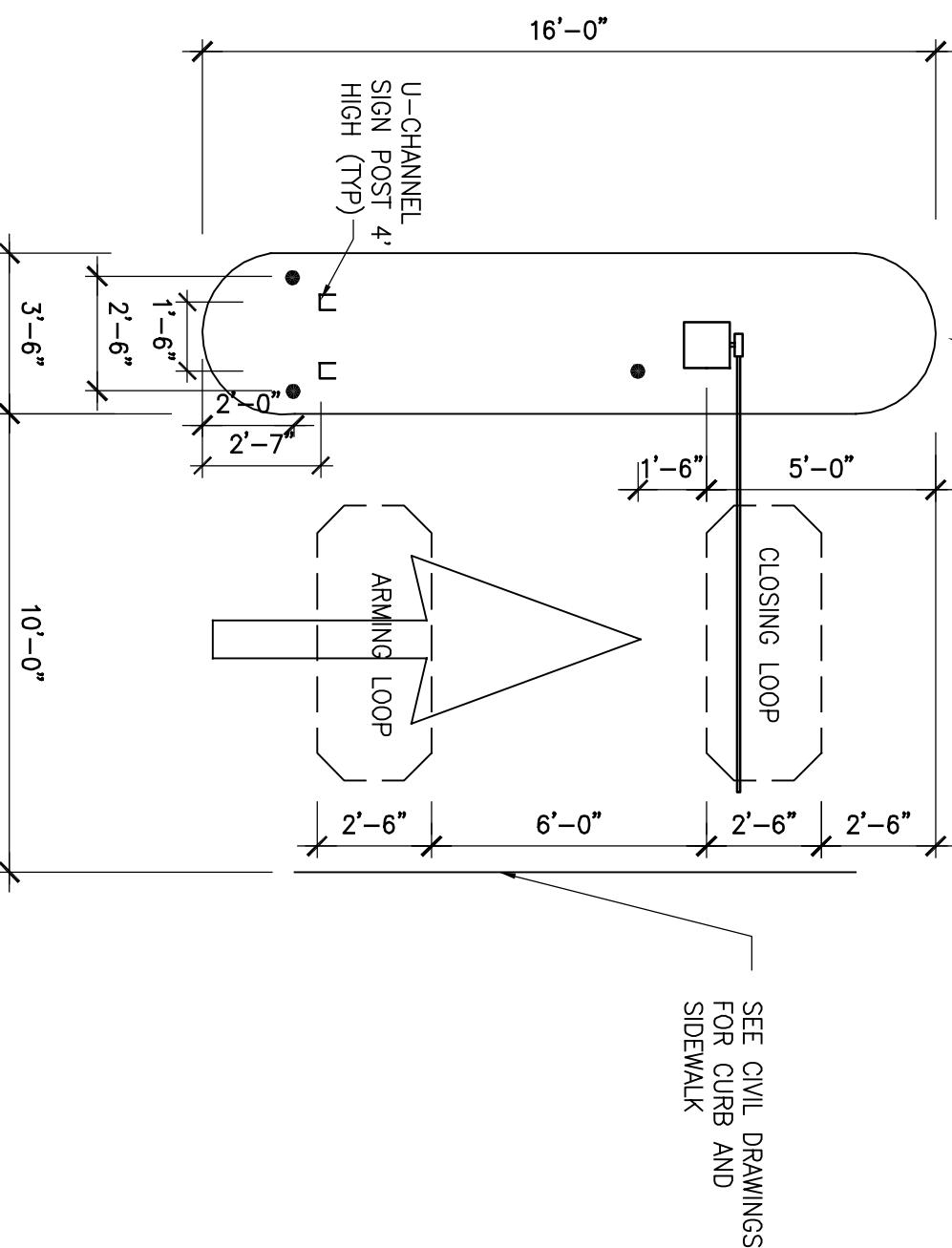
2  
G1.5

TOP OF CONCRETE DIMENSIONS  
1/4" = 1'-0"

3  
G1.5

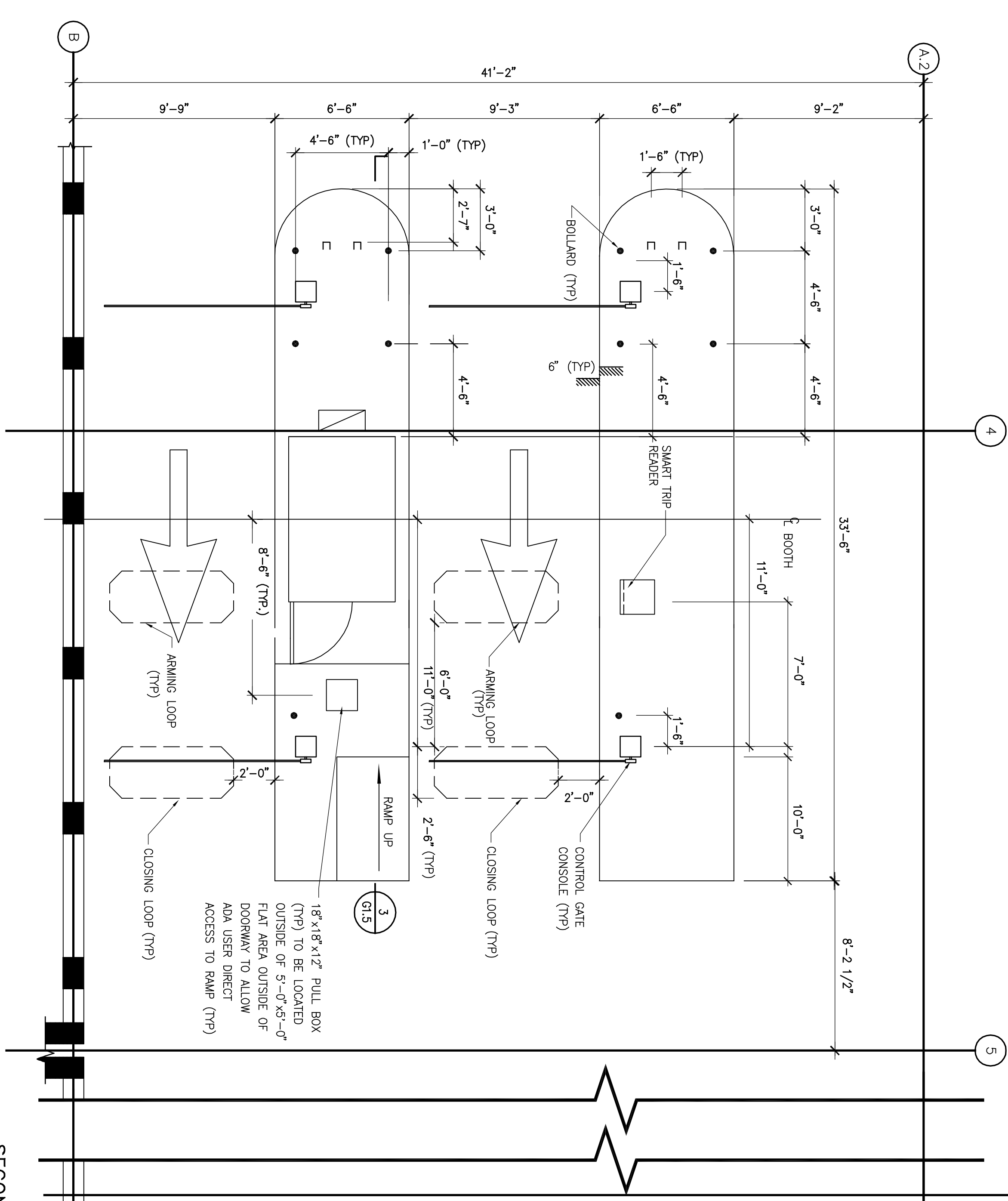
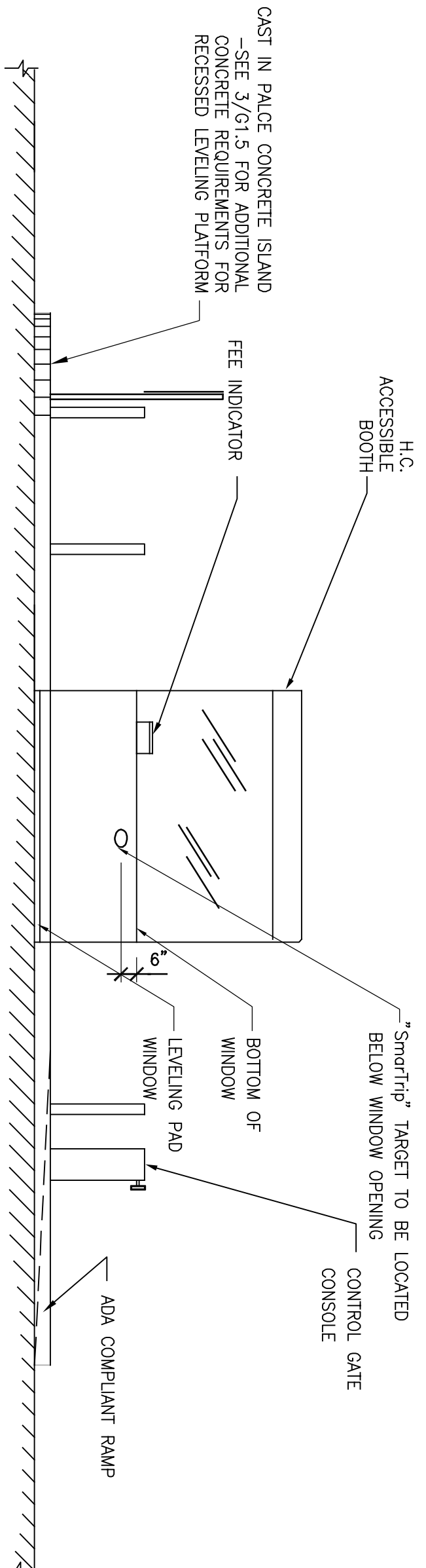
ENTRANCE/TEMPORARY LOT  
1/4" = 1'-0"

6  
G1.5



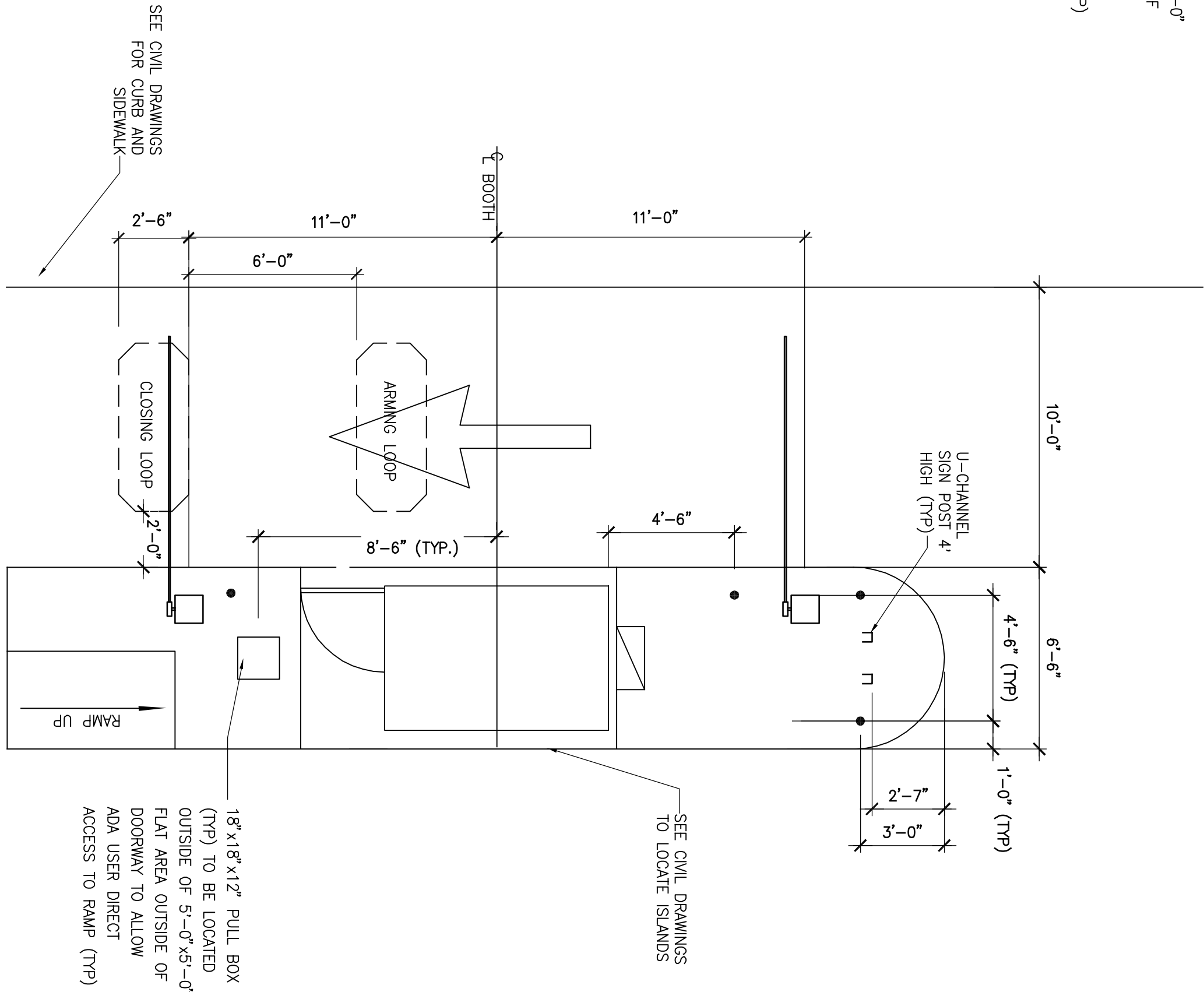
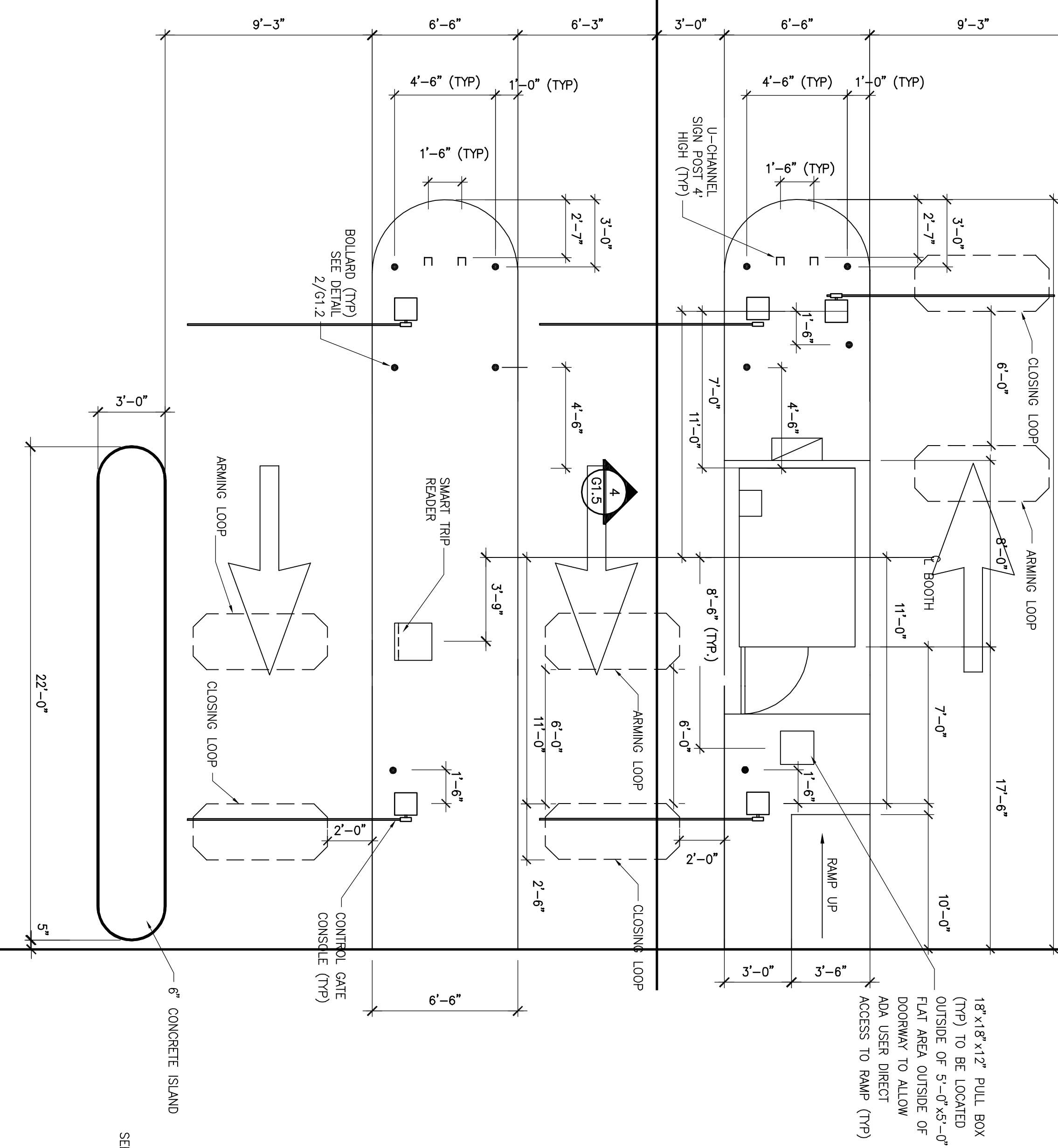
ELEVATION PARKING ENTRANCE GATES  
1/4" = 1'-0"

4  
G1.5



SECOND TIER ENTRY/EXIT LANES  
SCALE: 1/4" = 1'-0"

5  
G1.5



EXIT/TEMPORARY LOT  
1/4" = 1'-0"

7  
G1.5

- SHEET NOTES:
1. DETECTOR LOOPS ARE NOT TO BE INSTALLED SPANNING OVER A DRIVEWAY OR OVER DRIVEWAYS. 2. PAINT CHIRING FACE AND FIRST 6" OF SURFACE YELLOW ON ALL ISLANDS.

SHEET TITLE ENTRY EXIT PLAN

# GROSVENOR METRO STATION PARKING STRUCTURE

MONTGOMERY COUNTY, MD PARCEL 428 LIBER 4860/FOLIO 15 AND LIBER 5262/FOLIO 653



PROJECT 14-279202  
1610 9952020176  
1610 9952020176

MARK	DATE	REVISION / RELEASE	INITIAL	APPD.
	05-22-01 06-29-01	PERMIT SUBMISSION ISSUED FOR BID		



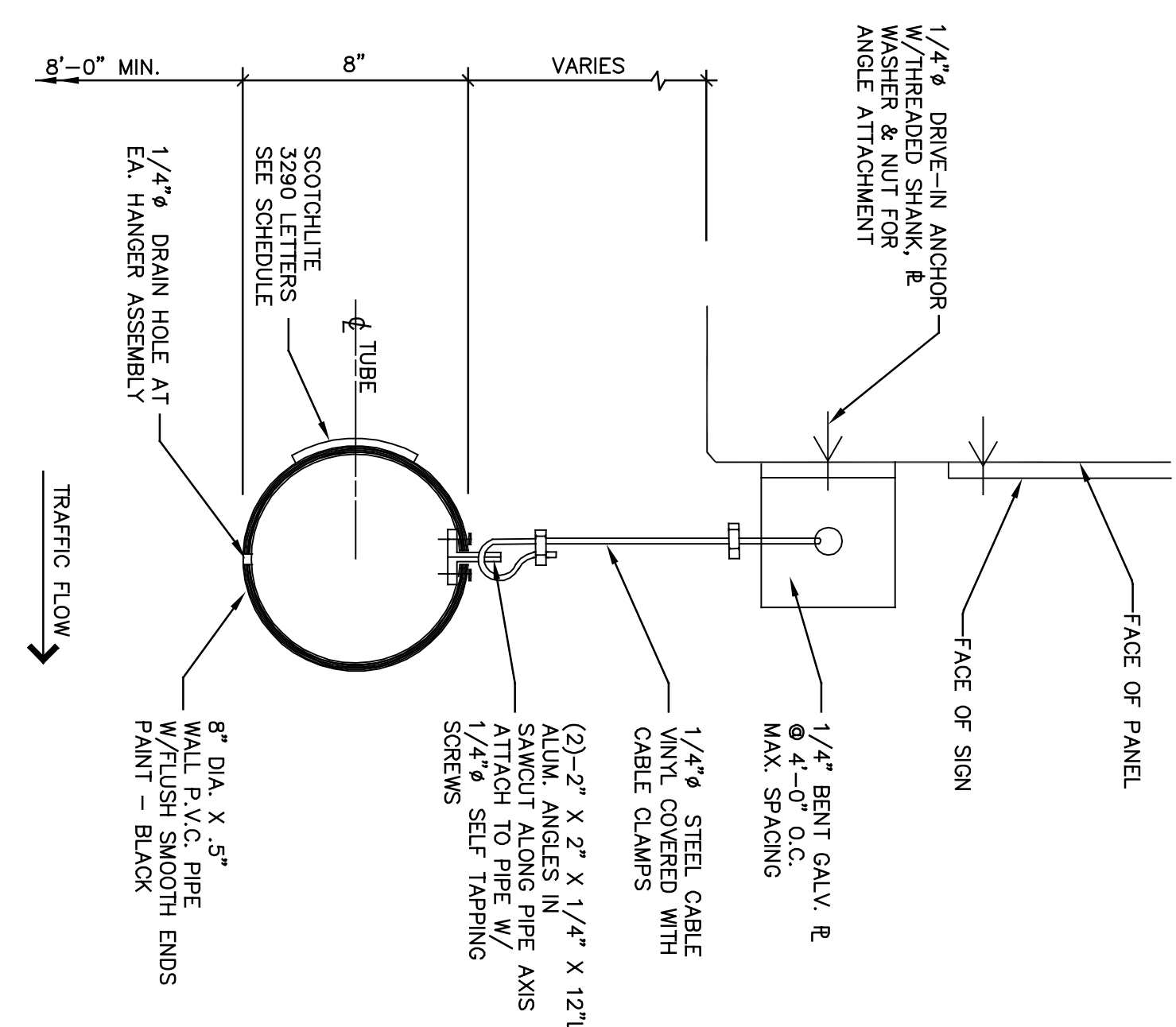
SIGN SCHEDULE									
MARK	SIZE	TEXT/MESSAGE	BACKGROUND	LETTERS/SYMBOLS	MOUNTING	MATERIAL	REMARKS		
H	L		COLOR	H	COLOR	DET			
S1	VARIABLES	8'-2"  8'-2" Maximum Height	"METRO" MEDIUM DARK BROWN	6"	580	1/62.1	ALUM	SEE DETAIL 1/62.2	
S2	1'-0"	6'-0"  Do Not Enter	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 2/62.2	
S3	1'-0"	3'-0" Exit	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 3/62.2	
S4	1'-0"	6'-0"  No Exit	"METRO" MEDIUM DARK BROWN	6"	580	3/62.1	ALUM	SEE DETAIL 4/62.2	
S5	1'-0"	3'-0" Exit	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 5/62.2	
S6	1'-0"	3'-0" Exit	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 5/62.2	
S7	1'-0"	6'-0" Exit	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 5/62.2	
S7a	1'-0"	6'-0" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 5/62.2	
S7b	1'-0"	6'-0" Exit	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 5/62.2	
S8	1'-0"	6'-0" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/48.1	ALUM	SEE DETAIL 5/62.2	
S9	1'-0"	3'-6" Exit	"METRO" MEDIUM DARK BROWN	6"	580	4/62.1	ALUM	SEE DETAIL 6/62.2	
S10	1'-0"	6'-0" Exit	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 5/62.2	
S11	1'-0"	3'-6" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 6/62.2	
S12	1'-0"	3'-6" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 6/62.2	
S13	1'-0"	3'-6" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 6/62.2	
S14	1'-0"	3'-6" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 6/62.2	
S15	1'-0"	3'-6" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 6/62.2	
S15a	1'-0"	3'-6" Parking	"METRO" MEDIUM DARK BROWN	6"	580	2/62.1	ALUM	SEE DETAIL 6/62.2	
S16	-	- Accessible Sign	PER FEDERAL STANDARD DETAIL 7/62.2		ALUM	SEE DETAIL 6/62.2			
S17	-	- Accessible Sign	PER FEDERAL STANDARD DETAIL 7/62.2		ALUM	SEE DETAIL 6/62.2			
S18	1'-0"	4'-6"  Elevators / Strathmore	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 9/62.2	
S19	1'-0"	4'-6"  Elevators / Strathmore	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 9/62.2	
S20	1'-0"	4'-6"  Elevators / Strathmore	"METRO" MEDIUM DARK BROWN	3"	580	2/48.1	ALUM	SEE DETAIL 10/62.2	
S21	1'-0"	4'-6"  Elevators / Metro Station	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 11/62.2	
S22	1'-0"	4'-6"  Elevators / Metro Station	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 11/62.2	
S23	10' 1/2"	2'-10" Level Designation	SEE SHEET THIS SHEET	10 1/2"	580	1/62.1	ALUM	SEE DETAIL 12/62.2	
S24	1'-0"	2'-0" Level Designation	SEE SHEET THIS SHEET	6"	580	1/62.1	ALUM	SEE DETAIL 13/62.2	
S25	8"	5" In case of fire.....	"METRO" MEDIUM DARK BROWN	-	580	1/62.1	ALUM	SEE DETAIL 14/62.2	
S26	1'-0"	4'-6" Elevators / Metro Station	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 11/62.2	
S27	9"	2'-3" STATION ENTRANCE LEVEL	SEE SHEET THIS SHEET	1/62.1	580	1/62.1	ALUM	SEE DETAIL 15/62.2	
S27a	11"	2'-3" STATION ENTRANCE LEVEL	SEE SHEET THIS SHEET	1/62.1	580	1/62.1	ALUM	SEE DETAIL 16/62.2	
S28	11"	2'-3" STATION ENTRANCE LEVEL	SEE SHEET THIS SHEET	1/62.1	580	1/62.1	ALUM	SEE DETAIL 17/62.2	
S30	6"	1'-6" Communications	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 19/62.2	
S31	6"	1'-6" Storage	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 19/62.2	
S32	6"	1'-6" Police	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 20/62.2	
S33	6"	1'-0" Meter	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 22/62.2	
S34	6"	1'-0" Storage Room #2	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 23/62.2	
S35	6"	1'-0" Electrical Room	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 24/62.2	
S35a	6"	1'-0" Elevator Machine Room	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 24/62.2	
S36	1'-0"	2'-3" FANOT TO BE USED FOR COMBUSTIBLE MATERIALS	"METRO" MEDIUM DARK BROWN	1/62.1	580	DOOR MOUNT	ALUM	SEE DETAIL 25/62.2	
S37	6"	1'-6" Parking Operations Room	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 26/62.2	
S38	6"	1'-0" Electrical Control Room	"METRO" MEDIUM DARK BROWN	1"	580	DOOR MOUNT	ALUM	SEE DETAIL 26/62.2	
S39	1'-0"	1'-0" DO NOT ENTER	PER FEDERAL STANDARDS	1/62.1	ALUM	SEE DETAIL 28/62.2			
S40	2'-3"	2'-6" PARKING FEE, 2 PAY ON EXIT	VARIES	21	6/62.1	ALUM	SEE DETAIL 29/62.2		
S41	-	- STOP	PER FEDERAL STANDARDS	1/62.1	ALUM	SEE DETAIL 30/62.2			
S42	2'-0"	1'-10 1/2" RESERVED PARKING . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 30/62.2		
S43	3'-5 3/4"	2'-6" RESERVED PERMIT PARKING SPACES . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 31/62.2		
S44	2'-11 1/2"	2'-6" PARKING IS LIMITED TO 24 HOURS . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 32/62.2		
S45	2'-6"	2'-6" THIS ROW CONTAINS SPACES RESERVED . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 33/62.2		
S46	9"	2'-3" PEDESTRIAN BRIDGE TO MUSIC CENTER	"METRO" MEDIUM DARK BROWN	2"	580	1/62.1	ALUM	SEE DETAIL 34/62.2	
S47	2'-6"	3'-0" EXPRESS LANE	VARIES	—	1/62.1	ALUM	SEE DETAIL 35/62.2		
S48		PEDESTRIAN BRIDGE TO MUSIC CENTER	Mounted inside elevators of Strathmore Lobby next to 4th level button.						
S49		TEMPORARY MOTORCYCLE LANE							
S50		LEFT TURN ONLY							
S51		VALUABLES LOCK CAR..							
S52		SHORT TERM PARKING							
S53		NO SNOW DUMPING							

S16	-	- Accessible Sign	PER FEDERAL STANDARD DETAIL 7/62.2		ALUM	SEE DETAIL 6/62.2			
S17	-	- Accessible Sign	PER FEDERAL STANDARD DETAIL 7/62.2		ALUM	SEE DETAIL 6/62.2			
S18	1'-0"	4'-6"  Elevators / Strathmore	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 9/62.2	
S19	1'-0"	4'-6"  Elevators / Strathmore	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 9/62.2	
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S23	10' 1/2"	2'-10" Level Designation	SEE SHEET THIS SHEET	10 1/2"	580	1/62.1	ALUM	SEE DETAIL 12/62.2	
S24	1'-0"	2'-0" Level Designation	SEE SHEET THIS SHEET	6"	580	1/62.1	ALUM	SEE DETAIL 13/62.2	
S25	8"	5" In case of fire.....	"METRO" MEDIUM DARK BROWN	-	580	1/62.1	ALUM	SEE DETAIL 14/62.2	
S26	1'-0"	4'-6" Elevators / Metro Station	SEE SHEET THIS SHEET	3"	580	2/48.1	ALUM	SEE DETAIL 11/62.2	

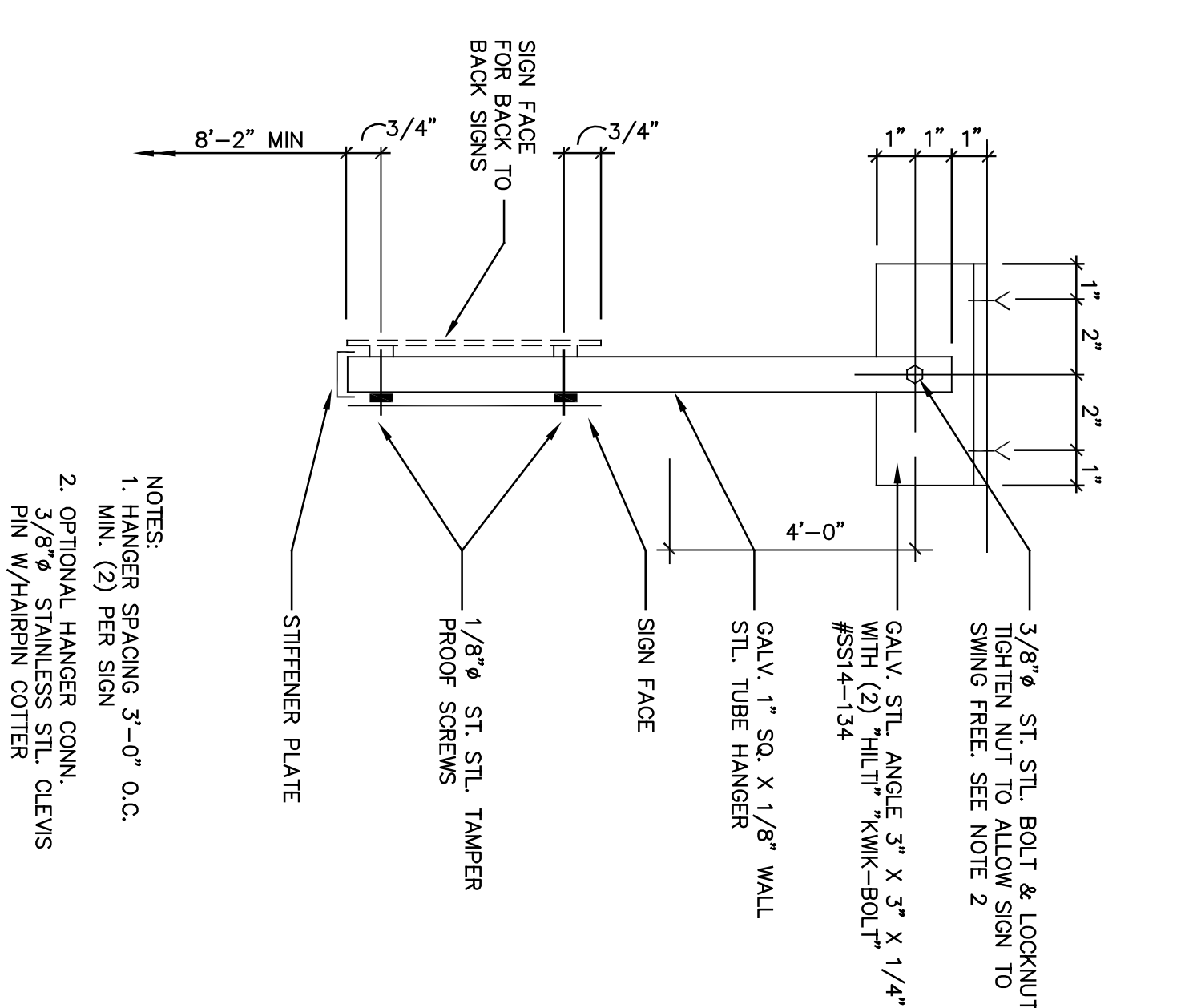
S27	9"	2'-3" STATION ENTRANCE LEVEL	SEE SHEET THIS SHEET	1/62.1	580	1/62.1	ALUM	SEE DETAIL 15/62.2	
S27a	11"	2'-3" STATION ENTRANCE LEVEL	SEE SHEET THIS SHEET	1/62.1	580	1/62.1	ALUM	SEE DETAIL 16/62.2	
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S40	2'-3"	2'-6" PARKING FEE, 2 PAY ON EXIT	VARIES	21	6/62.1	ALUM	SEE DETAIL 29/62.2		
S41	-	- STOP	PER FEDERAL STANDARDS	1/62.1	ALUM	SEE DETAIL 30/62.2			
S42	2'-0"	1'-10 1/2" RESERVED PARKING . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 30/62.2		
S43	3'-5 3/4"	2'-6" RESERVED PERMIT PARKING SPACES . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 31/62.2		
S44	2'-11 1/2"	2'-6" PARKING IS LIMITED TO 24 HOURS . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 32/62.2		
S45	2'-6"	2'-6" THIS ROW CONTAINS SPACES RESERVED . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 33/62.2		
S46	9"	2'-3" PEDESTRIAN BRIDGE TO MUSIC CENTER	"METRO" MEDIUM DARK BROWN	2"	580	1/62.1	ALUM	SEE DETAIL 34/62.2	
S47	2'-6"	3'-0" EXPRESS LANE	VARIES	—	1/62.1	ALUM	SEE DETAIL 35/62.2		
S48		PEDESTRIAN BRIDGE TO MUSIC CENTER	Mounted inside elevators of Strathmore Lobby next to 4th level button.						
S49		TEMPORARY MOTORCYCLE LANE							
S50		LEFT TURN ONLY							
S51		VALUABLES LOCK CAR..							
S52		SHORT TERM PARKING							
S53		NO SNOW DUMPING							

S42	2'-0"	1'-10 1/2" RESERVED PARKING . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 30/62.2		
S43	3'-5 3/4"	2'-6" RESERVED PERMIT PARKING SPACES . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 31/62.2		
S44	2'-11 1/2"	2'-6" PARKING IS LIMITED TO 24 HOURS . . .	VARIES	—	1/62.1	ALUM	SEE DETAIL 32/62.2		
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S49		TEMPORARY MOTORCYCLE LANE							
S50		LEFT TURN ONLY							
S51		VALUABLES LOCK CAR..							
S52		SHORT TERM PARKING							
S53		NO SNOW DUMPING							

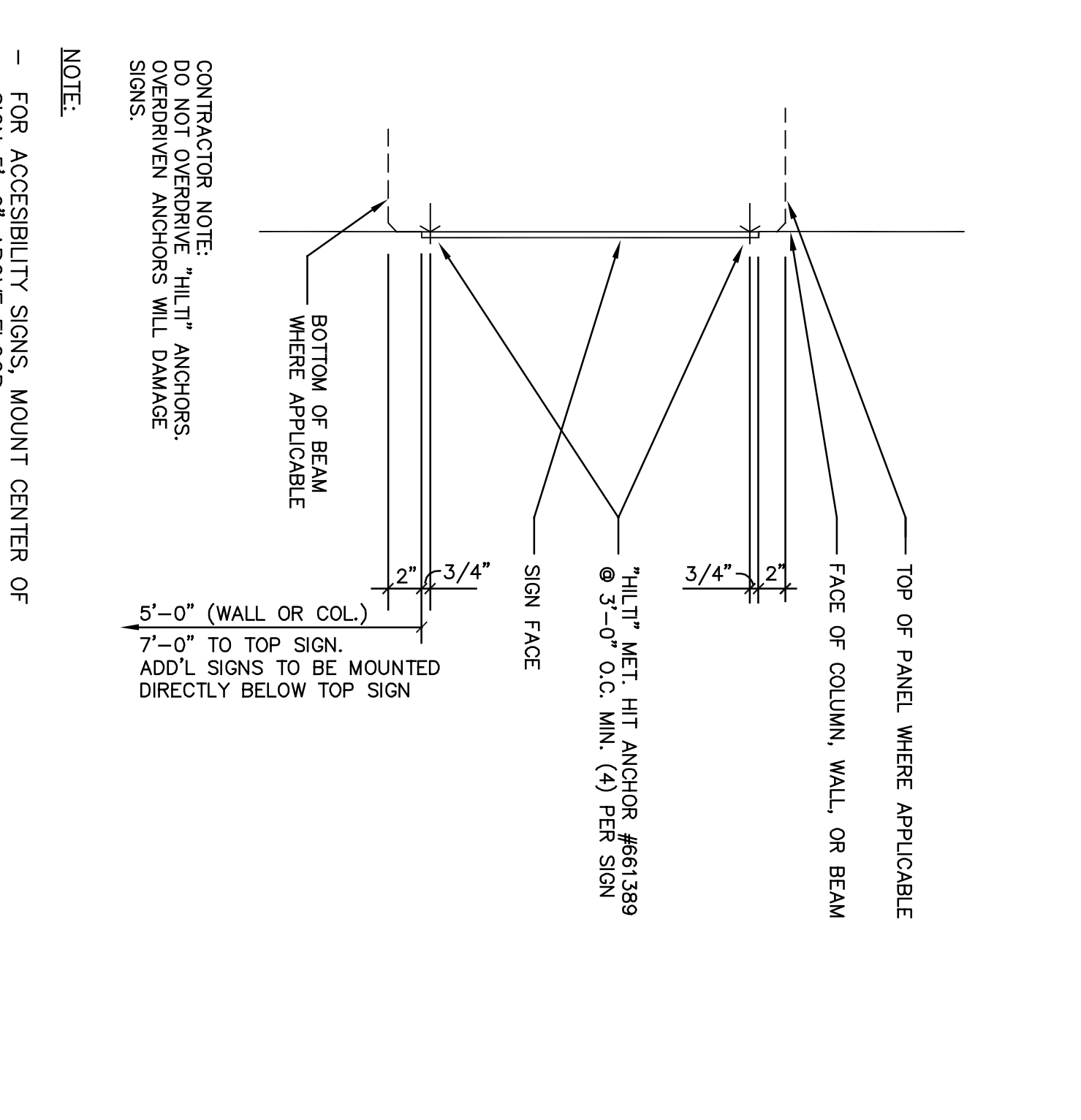
1.	LETTERINGS SHALL BE HELVETICA MEDIUM, (UNO.) OR SIZE AS SHOWN ON THE SIGN SCHEDULE, UNLESS NOTED OTHERWISE AND LOWER CASES SHALL BE USED ON ALL DIRECTIONAL, INVERTED AND PRECISION SIGNS, UNLESS NOTED.	10.	UNLESS OTHERWISE NOTED ALL COLUMN AND WALL MOUNTED SIGNS SHALL BE MOUNTED AT 5'-0" FROM THE BOTTOM OF THE SIGN TO TOP OF THE SLAB BELOW.
2.	THE SIGN AND ELECTRICAL LIGHTING CONTRACTORS SHALL COORDINATE SIGN AND LIGHT LOCATIONS FOR THE SPECIFICATIONS. COORDINATION WITH ENGINEER ALSO REQUIRED.	11.	PAIN ALL FASTENER HEADS TO MATCH SIGN COLOR.
3.	ALL FASTENERS, MOUNTING BRACKETS, ETC. SHALL BE PAINTED THE SAME COLOR AS THE SIGN FACE OR OF THE AREA WHERE THEY PENETRATE THE SIGN.	12.	ALL HANGERS TO BE PAINTED FLAT GRAY.
4.	IDENTICAL COLOR AS THE SIGN FACE OR OF THE AREA WHERE THEY PENETRATE THE SIGN.	13.	SIGN FACES ARE TO BE FEDERAL SPECIFICATION 5055A COLOR NO. 20040 BROWN UNO, PAINTED BEFORE APPLICATION OF VINYL GRAPHICS.
5.	WHERE TWO (2) SIGNS ARE MOUNTED TO BACK, THE SMALLEST L DIMENSION SHALL INCREASE TO MATCH THE LARGEST L DIMENSION.	14.	SIGNS ARE TO BE 0.125" THICK ALUMINUM.
6.	MAXIMUM BOLT INSERT EMBEDMENT LENGTH 1-1/4". UNLESS NOTED.	15.	HAZARD GRAPHIC TO BE YELLOW REFLECTIVE VINYL AND BLACK VINYL.
7.	DO NOT SCALE DRAWINGS.	16.	ALL TRAFFIC CONTROL SIGNS SHALL CONFORM TO THE LATEST ISSUE OF THE U.S. DEPT. OF TRANSPORTATION "UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES (MUTCD)" AND THE MOST RECENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) ARE TO BE USED.
8.	SHALL BE PAINTED (SIGN BACKGROUND COLOR) TO PREVENT CATHODIC REACTION.	17.	ALL TRAFFIC CONTROL SIGNS SHALL CONFORM TO THE LATEST ISSUE OF THE U.S. DEPT. OF TRANSPORTATION "UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES (MUTCD)" AND THE MOST RECENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) ARE TO BE USED.
9.	SEE G11 - G14 FOR STRIPING AND SIGN LOCATIONS.	18.	ALL SIGNS MOUNTED ON DOORS SHALL BE ANCHORED. NO ADHESIVE SHALL BE USED.



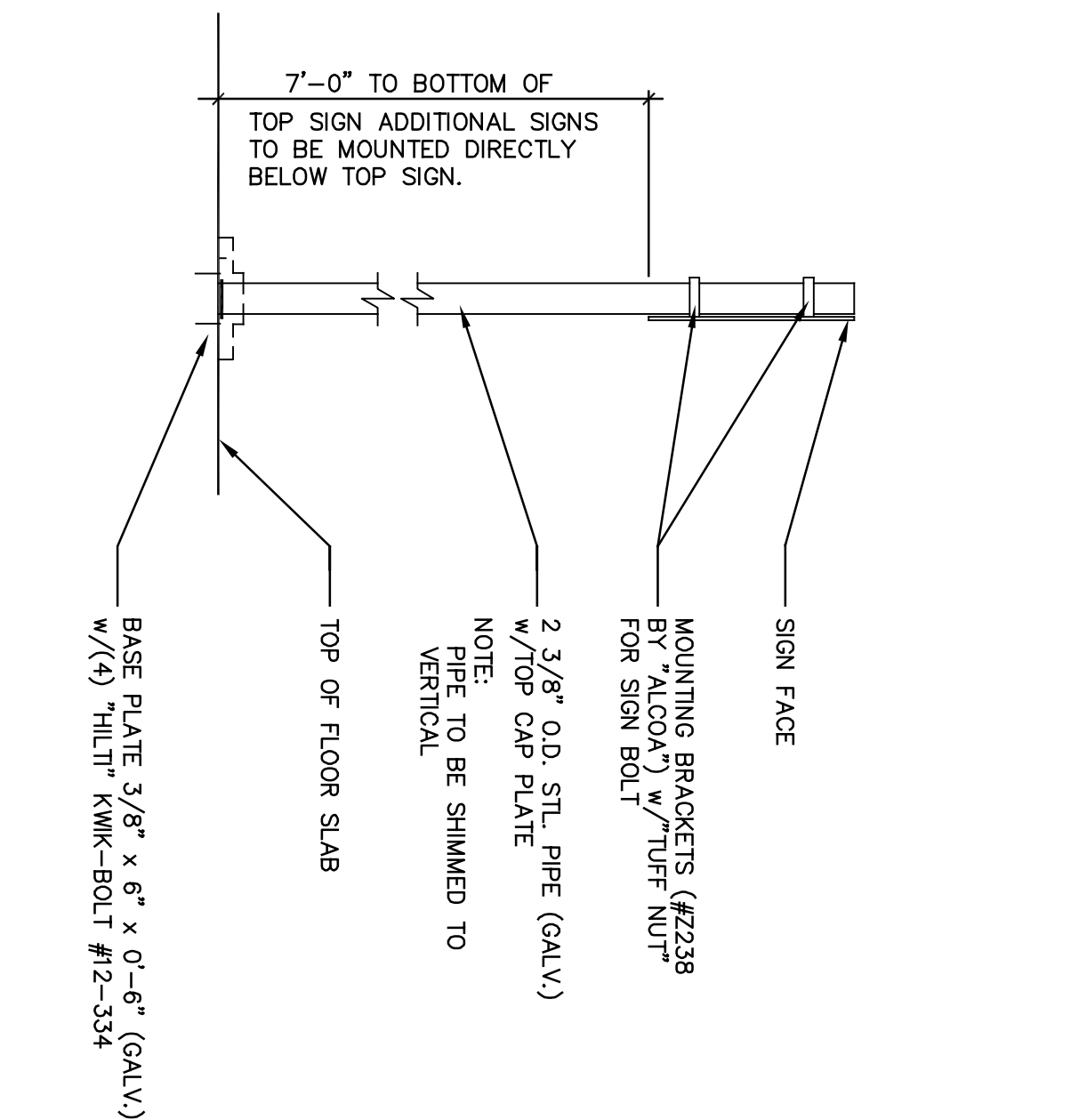
3 SIGN MOUNTING DETAIL



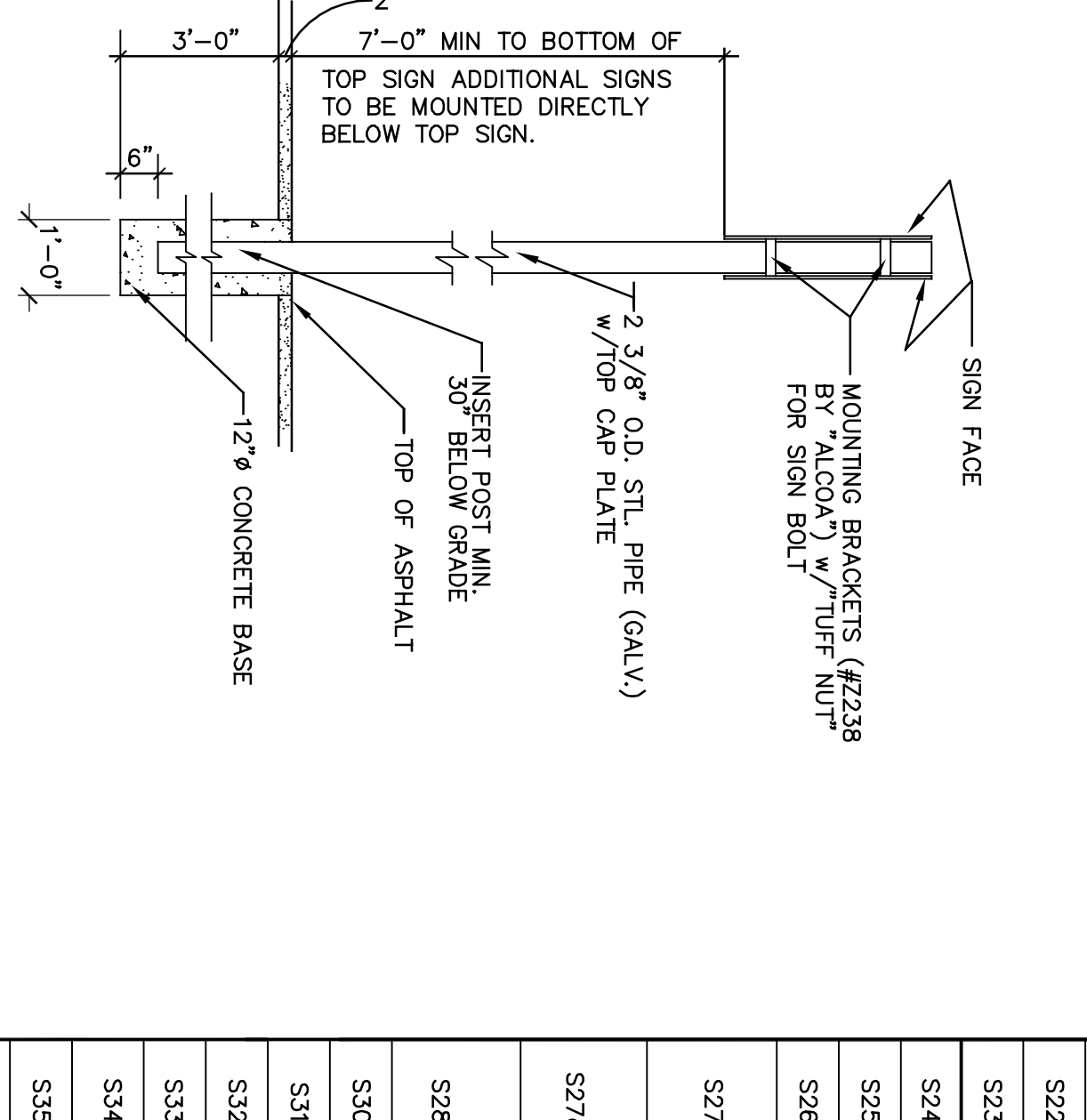
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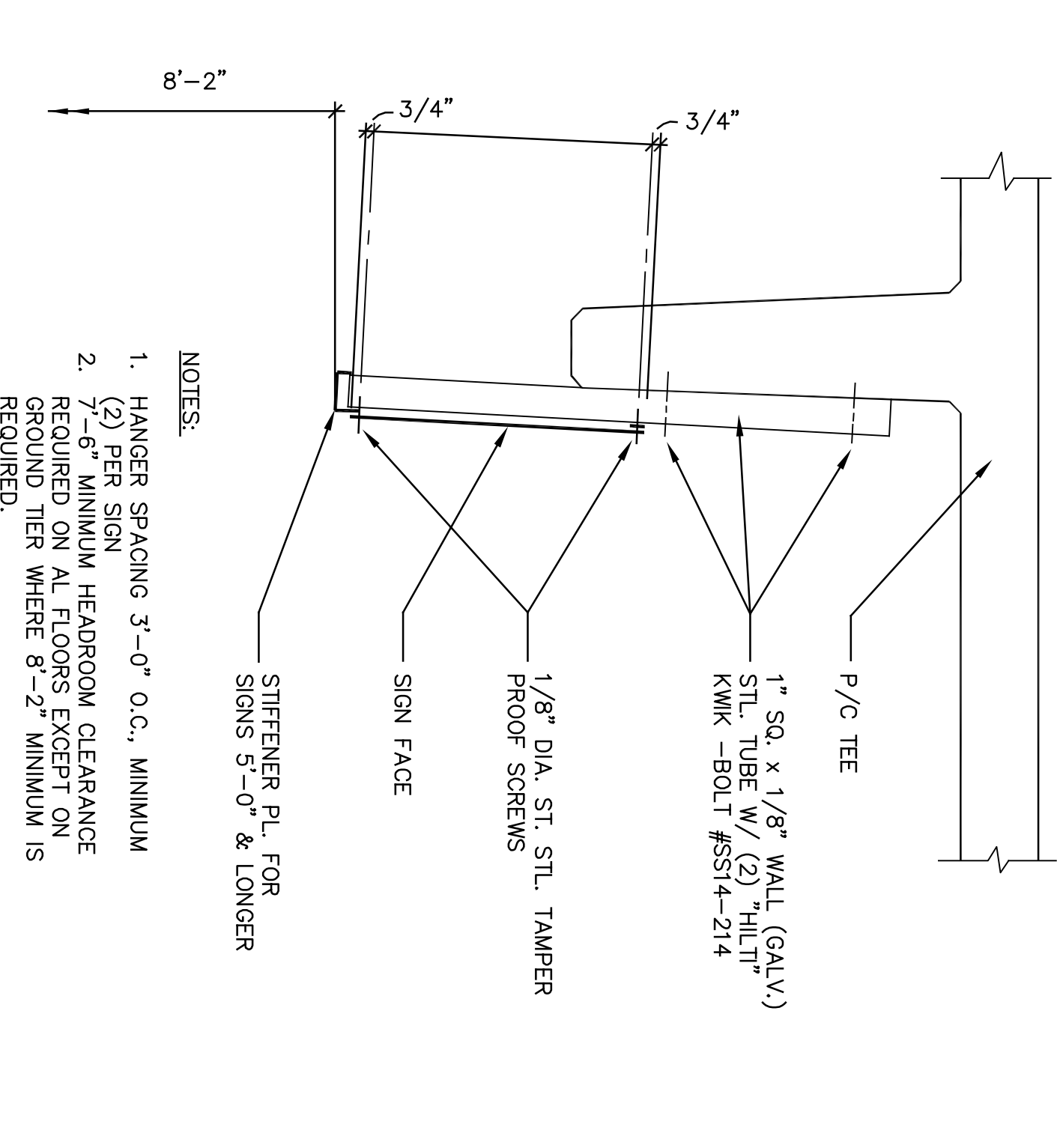
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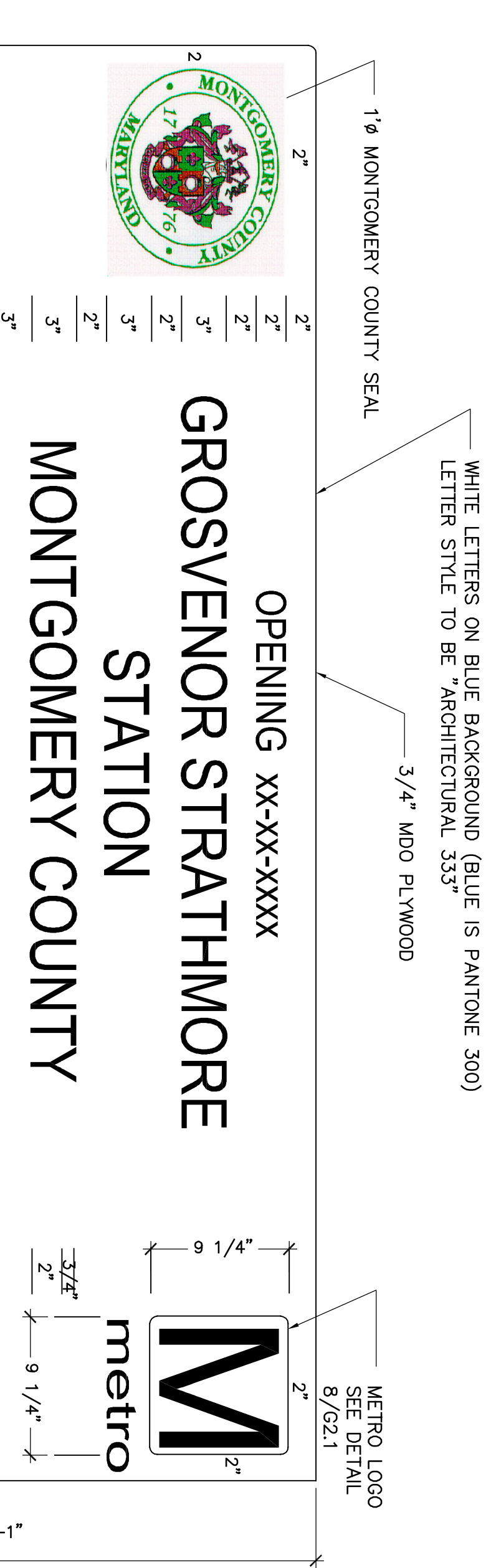
5 SIGN MOUNTING DETAIL



6 SIGN MOUNTING DETAIL

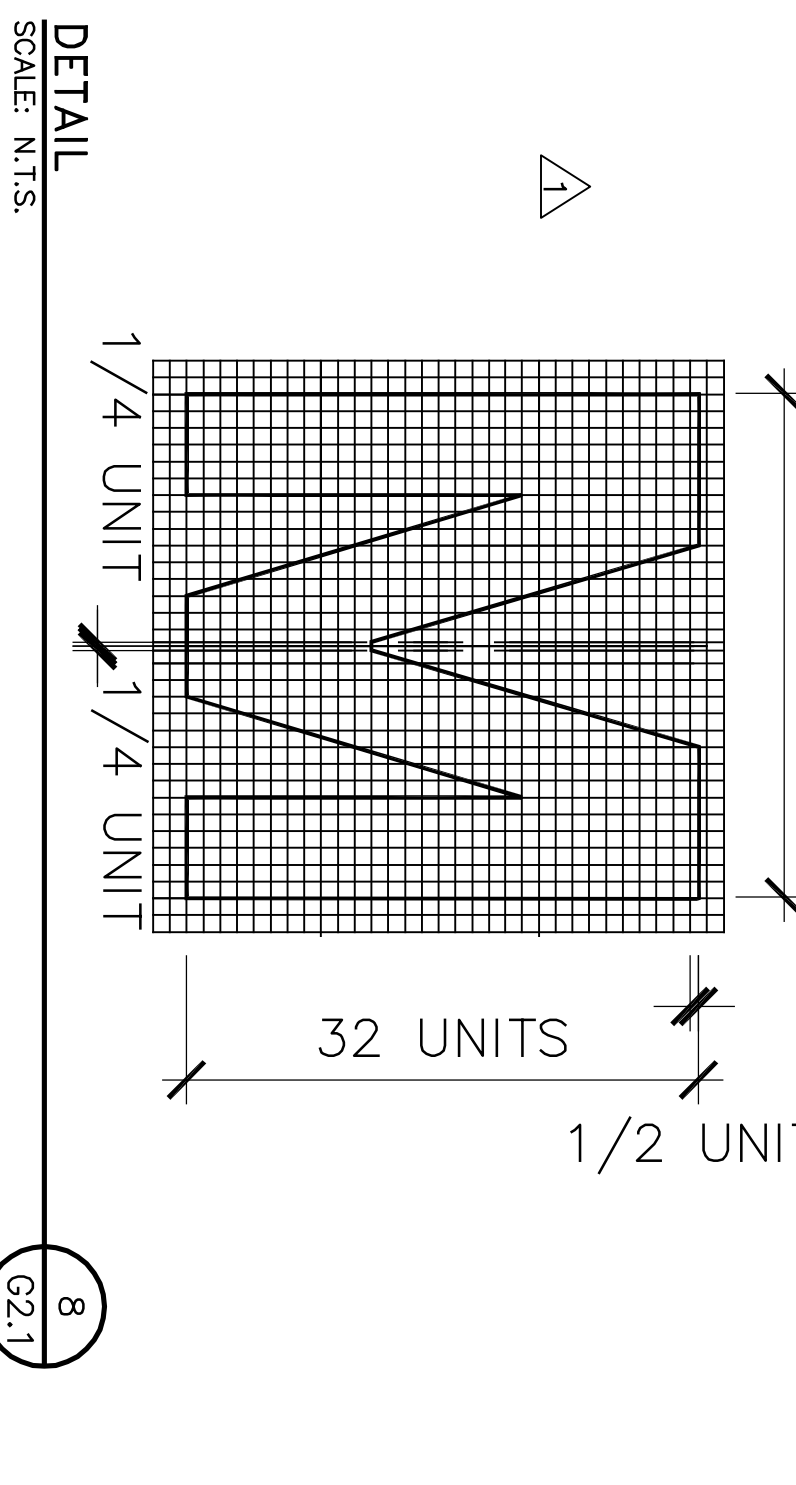
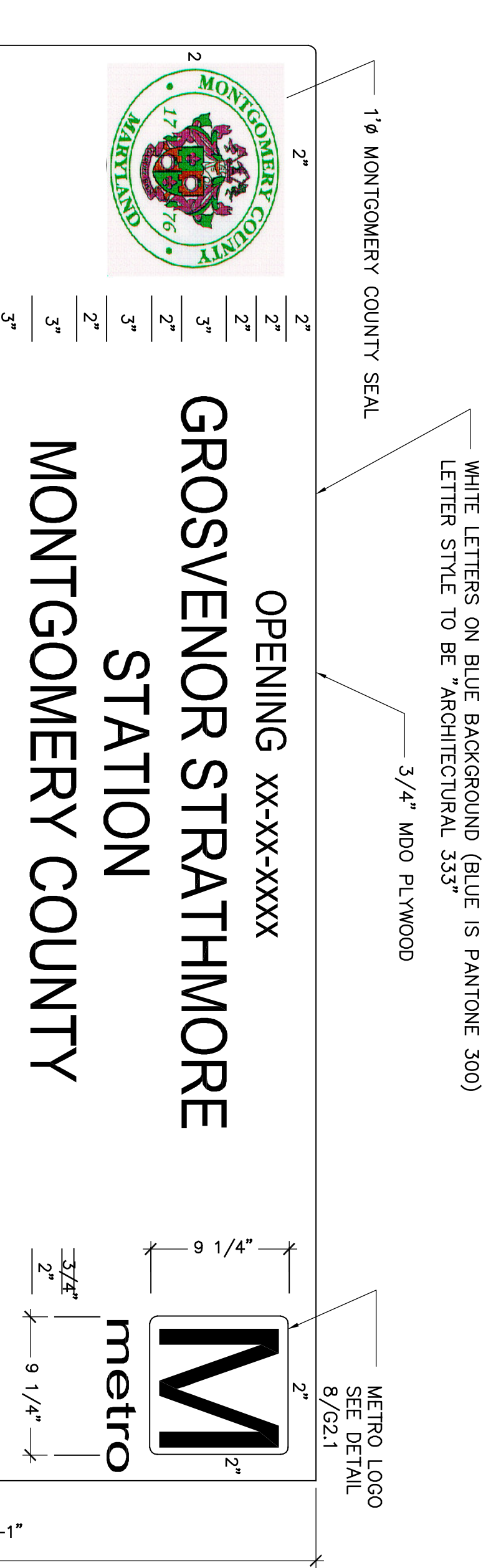
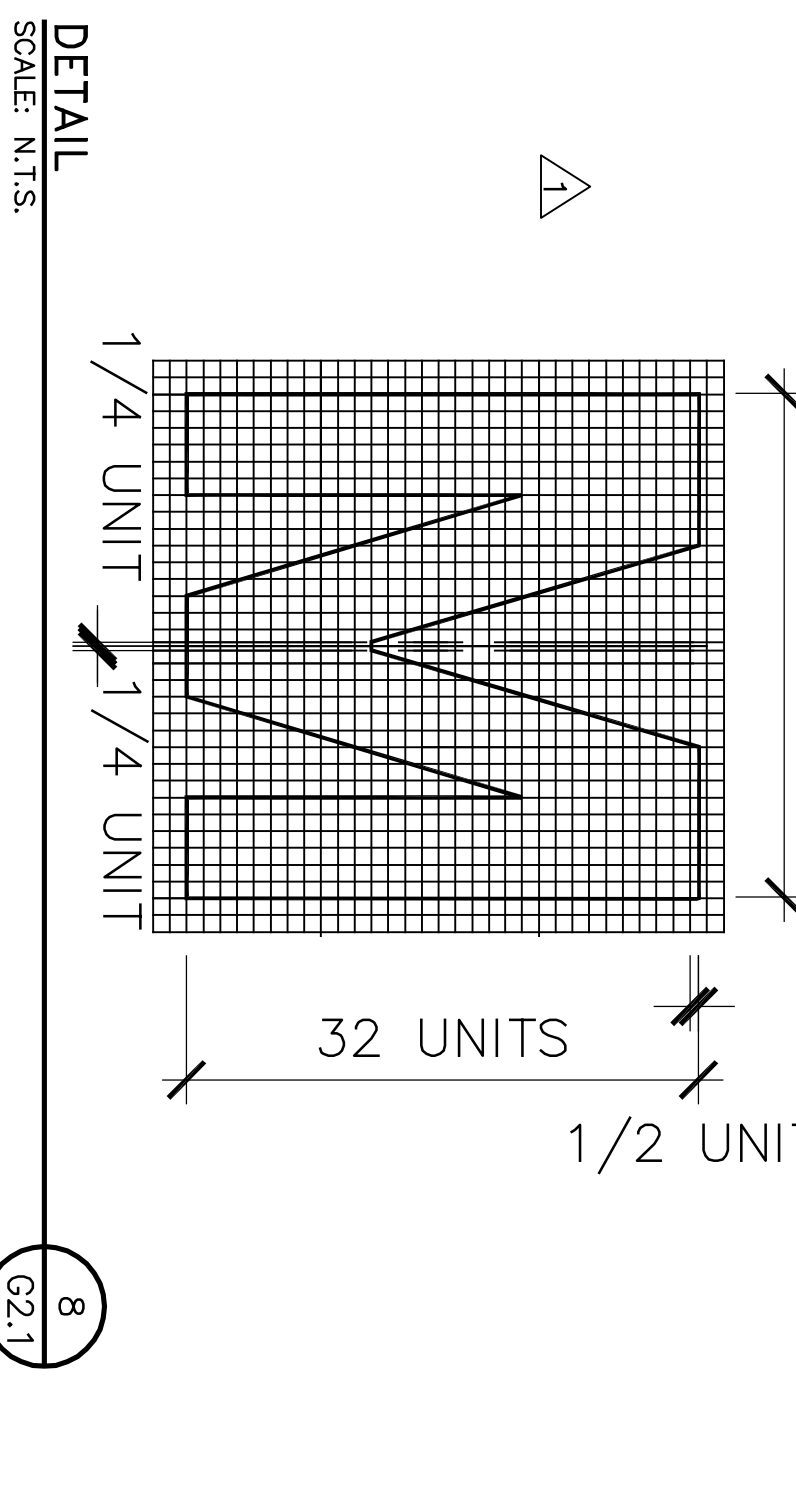


4 SIGN MOUNTING DETAIL



DOUGLAS M. DUNCAN, COUNTY EXECUTIVE  
MONTGOMERY COUNTY  
STATION  
GROSVENOR STRATHMORE  
OPENING XX-XX-XXXX

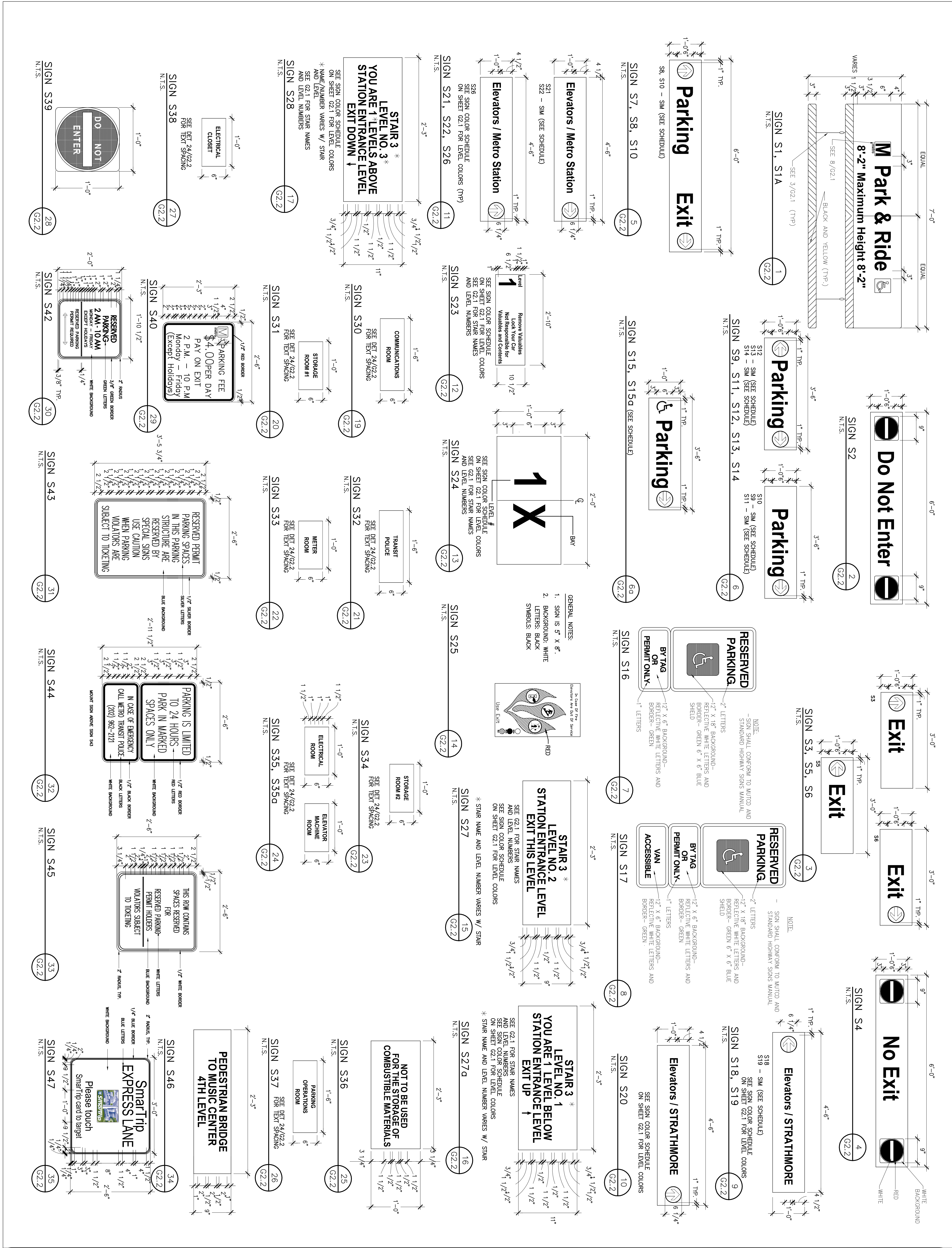
BLAIR EWING, PRESIDENT  
PHIL M. ANDREWS  
DERRICK BERKE  
MICHAEL L. SIBIN  
MONTGOMERY COUNTY  
LIBRARY



STAIR NAMES  
MUSIC CENTER  
METRO STATION  
STAIR 3

COLORS	LEVEL
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SIGN SCHEDULE											
MARK	SIZE		TEXT/MESSAGE	BACKGROUND COLOR	LETTERS/SYMBOLS		MOUNTING DET.	MATERIAL	REMARKS		
	H	L			H	COLOR					
S1	1'-9"	7'-0"	Park & Ride Maximum Height 8'-2"	SEE SHEET NOTE 13	6"	3"	580	1/2/2	ALUM	SEE DETAIL 1/2/2.3	
S1A	1'-9"	7'-0"	Kiss & Ride Maximum Height 12'-6"	SEE SHEET NOTE 13	6"	3"	580	1/2/2	ALUM	SEE DETAIL 1/2/2.3 SIM.	
S2	12"	6'-0"	Do Not Enter	SEE SHEET NOTE 13	6"	6"	580	1/2/2	ALUM	SEE DETAIL 2/2/2.3	
S3	12"	3'-0"	Exit	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 3/2/2.3	
S4	12"	6'-0"	No Exit	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 4/2/2.3	
S5	12"	3'-0"	Exit	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 3/2/2.3	
S6	12"	3'-0"	Exit	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 3/2/2.3	
S7	12"	6'-0"	Parking Exit	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 5/2/2.3	
S8	12"	6'-0"	Parking Exit	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 5/2/2.3	
S9	12"	3'-6"	Parking	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 6/2/2.3	
S10	12"	3'-6"	Parking	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 6/2/2.3	
S11	12"	3'-6"	Parking	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 6/2/2.3	
S12	12"	3'-6"	Parking	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 6/2/2.3	
S13	12"	3'-6"	Parking	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 6/2/2.3	
S14	12"	3'-6"	Parking	SEE SHEET NOTE 13	6"	6"	580	2/4/2	ALUM	SEE DETAIL 6/2/2.3	
S15	2'-2"	2'-0"	NO: LITTERING BICYCLES SKATING SKATEBOARDING DISTRIBUTION OF HANDBILLS	SEE SHEET NOTE 13	3	1/2"	580		ALUM	SEE DETAIL 9/2/2.3 MOUNT ABOVE SIGN S29 AT ENTRANCE	
S16	12"	1'-10"	Accessible Sign	PER FEDERAL STANDARD	SEE DETAILS	PER FEDERAL STANDARD	1/6/2	2	ALUM	SEE DETAIL 7/2/2.3	
S17	12"	2'-4"	Van Accessible Sign	PER FEDERAL STANDARD	SEE DETAILS	PER FEDERAL STANDARD	1/6/2	2	ALUM	SEE DETAIL 8/2/2.3	
S20	1'-0"	4'-0"	Accessible Parking	SEE SHEET NOTE 13	4"	4"	580	2/4/2	ALUM	SEE DETAIL 10/2/2.3	
S21	1'-0"	4'-0"	Elevators / Station	SEE COLOR SCHEDULE THIS SHEET	4"	4"	580	2/4/2	ALUM	SEE DETAIL 11/2/2.3	
S22	1'-0"	4'-0"	Elevators / Station	SEE COLOR SCHEDULE THIS SHEET	4"	4"	580	2/4/2	ALUM	SEE DETAIL 11/2/2.3	
S23	9"	2'-10"	LEVEL NO. STAIR NO.	SEE COLOR SCHEDULE THIS SHEET	13/16"	6"	580	1/2/2	ALUM	SEE DETAIL 12/2/2.3	
S24	12"	2'-0"	Level Designation	SEE COLOR SCHEDULE	6"	6"	580	1/2/2	ALUM	SEE DETAIL 13/2/2.3	
S25	18"	2'-0"	STOP For Pedestrians In Crosswalk	SEE SNG-10	SEE SNG-10	SEE SNG-10	5/2/2	2	ALUM	SEE DETAIL 14/2/2.3	
S26	1'-0"	4'-0"	Elevators / Station	SEE COLOR SCHEDULE THIS SHEET	4"	4"	580	2/4/2	ALUM	SEE DETAIL 11/2/2.3	
S27	3'-0"	2'-6"	THIS ROW CONTAINS SOME SPACES RESERVED BY SPECIAL SIGNS FOR.....	152	2"	580	1/2/2	2	ALUM	SEE DETAIL 15/2/2.3	
S28	11"	1'-9"	STAIR LEVEL NO. YOU ARE LEVELS ABOVE STATION EXIT DOWN TO STATION	SEE COLOR SCHEDULE THIS SHEET	1	1/2"	580	1/2/2	ALUM	SEE DETAIL 16/2/2.3	
S29	3'-0"	3'-6"	SEE DETAIL FOR TEXT	152	3"	580	1/2/2	2	ALUM	SEE DETAIL 17/2/2.3	
S30	4	1/2"	1'-6"	Communications Room	SEE SHEET NOTE 13	1"	580	1/2/2	ALUM	SEE DETAIL 19/2/2.3 CENTER OVER DOOR	
S32	4	1/2"	1'-6"	Electrical Room	SEE SHEET NOTE 13	1"	580	1/2/2	ALUM	SEE DETAIL 21/2/2.3 CENTER OVER DOOR	
S33	-	-	-	-	-	-	-	-	-	NOT USED	
S34	4	1/2"	1'-0"	Water Service	SEE SHEET NOTE 13	1"	580	1/2/2	ALUM	SEE DETAIL 23/2/2.3 CENTER OVER DOOR	
S35	-	-	-	-	-	-	-	-	-	NOT USED	
S36	2'-3"	2'-6"	PARKING FEE \$2.25 PER DAY PAY ON EXIT 2 P.M. - 10 P.M. Monday - Friday (Except Holidays)	104	VARIES	580	6/2/2	2	ALUM	SEE DETAIL 25/2/2.3	
S37	-	-	-	-	-	-	-	-	-	NOT USED	
S38	4	1/2"	1'-6"	Electrical Closet	SEE SHEET NOTE 13	1"	580	1/2/2	ALUM	SEE DETAIL 27/2/2.3	
S39	1'-0"	1'-6"	SEE DETAIL FOR TEXT	WHITE BACKGROUND	2"	142	1/2/2	2	ALUM	SEE DETAIL 18/2/2.3	
S40	1'-0"	6'-0"	Exit Parking	SEE SHEET NOTE 13	6"	580	2/2/2	2	ALUM	SEE DETAIL 5/2/2.3 SIM.	
S41	1'-0"	6'-0"	Exit Parking	SEE SHEET NOTE 13	6"	580	2/2/2	2	ALUM	SEE DETAIL 5/2/2.3 SIM.	
S42	1'-0"	6'-0"	Parking Exit	SEE SHEET NOTE 13	6"	580	4/2/2	2	ALUM	SEE DETAIL 5/2/2.3 SIM.	
S43	1'-0"	6'-0"	Exit Parking	SEE SHEET NOTE 13	6"	580	4/2/2	2	ALUM	SEE DETAIL 5/2/2.3 SIM.	
S44	1'-0"	6'-0"	Exit Parking	SEE SHEET NOTE 13	6"	580	4/2/2	2	ALUM	SEE DETAIL 5/2/2.3 SIM.	

SIGN SCHEDULE										
MARK	SIZE		TEXT/MESSAGE	BACKGROUND COLOR	LETTERS/SYMBOLS		MOUNTING DET.	MATERIAL	REMARKS	
	H	L			H	COLOR				
S45	9"	1'-9"	STAIR LEVEL NO. YOU ARE AT STATION LEVEL	SEE COLOR SCHEDULE THIS SHEET	1 1/2"	580	1/G2.2	ALUM	SEE DETAIL 2/G2.4	
S47	1'-0"	4'-0"	7'-2" MAXIMUM HEIGHT	SEE COLOR SCHEDULE THIS SHEET	4"	580	2/G2.2	ALUM	SEE DETAIL 28/G2.3 MOUNT @ 7'-2" MIN.	
S48	-	-	PARKING REGULATIONS	-	-	-	-	-	SEE DETAIL 4/G2.4	
S51	4'-5"	2'-6"	PARKING IS LIMITED.....	SEE DETAIL 7/G2.1	VARIES	VARIES		ALUM	MOUNT ABOVE SIGN S36 AT ENTRANCES	
S52	8"	1'-6"	ACCESS STATION AT SECOND LEVEL	SEE SHEET NOTE 13	2"	580	1/G2.2	ALUM	CENTER BETWEEN ELEVATOR DOORS	
S53	6"	2'-6"	CAUTION BUMP	SEE SHEET NOTE 13	2"	580	1/G2.2	ALUM	SEE DETAIL 10/G2.4	
S54	6"	2'-6"	CONFINED SPACE	134	VARIES	VARIES	1/G2.2	ALUM	SEE DETAIL 13/G2.4	
S55			15 MIN. WAITING	WHITE	RED				SEE DETAIL 14/G2.4	
S55A			15 MIN. WAITING ←						SEE DETAIL 14/G2.4	
S55B			15 MIN. WAITING →						SEE DETAIL 14/G2.4	
S56			METERED SECTION						SEE DETAIL 15/G2.4	
S57	1'-2"	2'-10"	TAXI LANE NO PARKING		4"				SEE DETAIL 16/G2.4	
S58	1'-2"	2'-10"	SHUTTLE BUS DROP OFF		4"				SEE DETAIL 17/G2.4	
S59	1'-2"	3'-7"	TAXI / BUSES ① ⊕ PEDESTRIAN DROP OFF		4"				SEE DETAIL 18/G2.4	
S60	1'-6"	2'-2"	ELEVATORS ① & STATION		4"				SEE DETAIL 19/G2.4	

#### GENERAL NOTES

- LETTERFORMS SHALL BE HELVETICA MEDIUM, OF SIZE AS SHOWN ON THE SIGN SCHEDULE, UNLESS NOTED. UPPER AND LOWER CASE SHALL BE USED ON ALL DIRECTIONAL TRAFFIC AND PEDESTRIAN SIGNS, UNLESS NOTED.
- THE SIGN AND ELECTRICAL LIGHTING CONTRACTORS SHALL COORDINATE SIGN AND LIGHT LOCATIONS PER THE SPECIFICATIONS. COORDINATION WITH WMATA IS ALSO REQUIRED.
- ALL FASTENERS, MOUNTING BRACKETS, ETC. SHALL BE PAINTED THE IDENTICAL COLOR AS THE SIGN FACE OR OF THE AREA WHERE THEY PENETRATE THE SIGN.
- COPY AND SYMBOLS INCLUDING ARROW DISCS TO BE ENGINEER GRADE REFLECTIVE VINYL IN COLORS NOTED.
- WHERE TWO (2) SIGNS ARE MOUNTED BACK TO BACK, THE SMALLEST L DIMENSION SHALL INCREASE TO MATCH THE LARGEST L DIMENSION.
- MAXIMUM BOLT INSERT EMBEDMENT LENGTH 1-1/4", UNLESS NOTED.
- DO NOT SCALE DRAWINGS.
- BACKS AND EDGES OF ALL ALUMINUM SIGNS MOUNTED DIRECTLY TO THE STRUCTURE SHALL BE PAINTED (SIGN BACKGROUND COLOR) TO PREVENT CATHODIC REACTION. PAINT BACK AND EDGES OF ALL SIGN AS REQUIRED BY WMATA SPECIFICATIONS.
- SEE ARCHITECTURAL STRIPING PLANS FOR PARKING LAYOUT AND SIGN LOCATIONS.
- UNLESS OTHERWISE NOTED ALL COLUMN AND WALL MOUNTED SIGNS SHALL BE MOUNTED AT 5'-0" FROM THE BOTTOM OF THE SIGN TO TOP OF THE SLAB BELOW.
- PAINT ALL FASTENER HEADS TO MATCH SIGN COLOR.
- ALL HANGERS TO BE PAINTED FLAT GRAY.
- SIGN FACES ARE TO BE FEDERAL SPECIFICATION 595B COLOR NO. 20040 BROWN U.M.O. PAINTED BEFORE APPLICATION OF VINYL GRAPHICS.
- SIGNS ARE TO BE 0.125" THICK ALUMINUM.
- ARROW DISC, METRO AND HANDICAP SYMBOLS TO BE WHITE REFLECTIVE VINYL U.N.O.
- HAZARD GRAPHIC TO BE YELLOW REFLECTIVE VINYL AND BLACK VINYL.
- ALL TRAFFIC CONTROL SIGNS SHALL CONFORM TO THE LATEST ISSUE OF THE U.S. DEPT. OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)" AND THE MOST UP TO DATE U.S. "STANDARD HIGHWAY SIGNS" MANUAL, UNLESS THE SIGN MESSAGES ARE INCORPORATED INTO LARGER MORE COMPREHENSIVE SIGN PANELS.

#### COLORS

O.A.A.A.	#21	BLACK
KISS & RIDE	O.A.A.A.	#162 PURPLE
TOP TIER	O.A.A.A.	#104 BRIGHT RED
	O.A.A.A.	#106 CARMINE
	O.A.A.A.	#114 MEDIUM BROWN
5TH TIER-	O.A.A.A.	#124 MEDIUM ORANGE
4TH TIER-	O.A.A.A.	#132 LEMON YELLOW
	O.A.A.A.	#130 PRIMROSE YELLOW
	O.A.A.A.	#134 CHROME YELLOW
	O.A.A.A.	#140 LIGHT GREEN
3RD TIER-	O.A.A.A.	#142 EMERALD GREEN
	O.A.A.A.	#144 MEDIUM GREEN
2ND TIER-	O.A.A.A.	#152 LIGHT BLUE
	O.A.A.A.	#105 SILVER
	#580	WHITE SCOTCHLITE ENGINEER GRADE SHEETING

#### SIGN INFORMATION

O.A.A.A. = OUTDOOR ADVERTISING ASSOCIATION OF AMERICA, 1951, BASIC COLOR CHART STANDARDS.

ARROW DIRECTION IS INDICATED IN "TEXT" OF SIGN SCHEDULE.

SEE SIGNAGE GENERAL NOTES FOR ADDITIONAL INFORMATION.

SUBMIT COLOR SAMPLES FOR EACH COLOR ON MATERIALS TO BE USED.

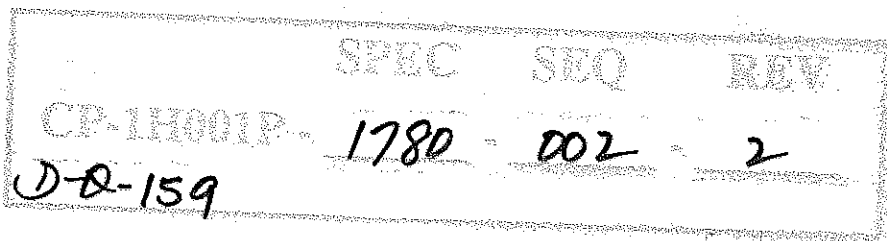
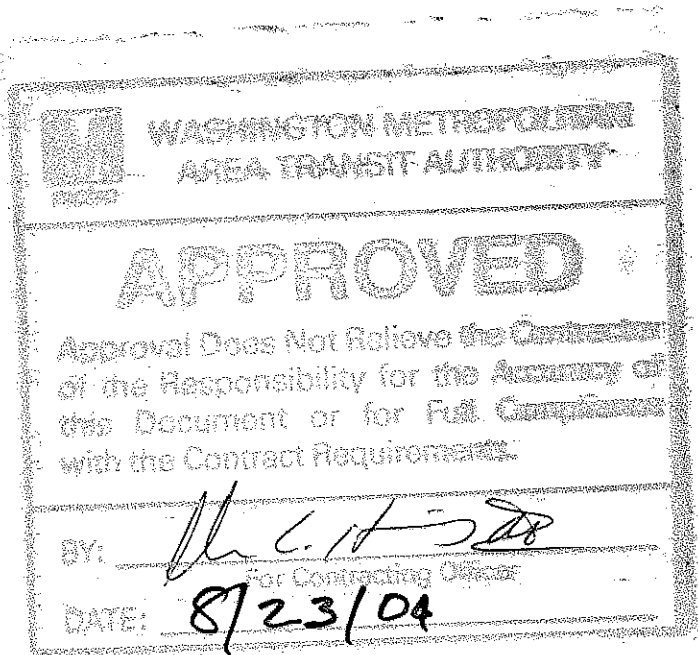
AS-BUILT

7/26/04  
(DATE)

I CERTIFY THAT THIS DRAWING  
ACCURATELY DEPICTS THE WORK  
AS CONSTRUCTED

(AN OFFICER OF THE  
DESIGN-BUILDER)

DCC  
DESIGN-BUILDER'S NAME



**DONOHUE**  
CONSTRUCTION COMPANY

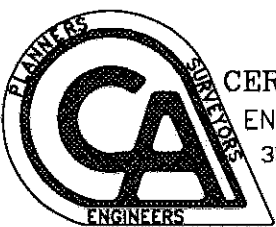
2101 Wisconsin Ave., NW  
Washington, DC 20007  
Ph. (202) 333-0880  
Fax (202) 342-3924

**WALKER**  
PARKING CONSULTANTS

900 West Valley Road  
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Wayne, PA 19087-1830  
610.995.0260 Ph.  
610.995.0261 Fax

**WISNEWSKI BLAIR**  
AND ASSOCIATES LTD

625 Slaters Lane Suite 300  
Alexandria, VA 22314  
Ph. (703) 836-7766  
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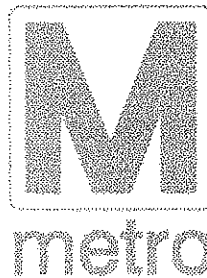
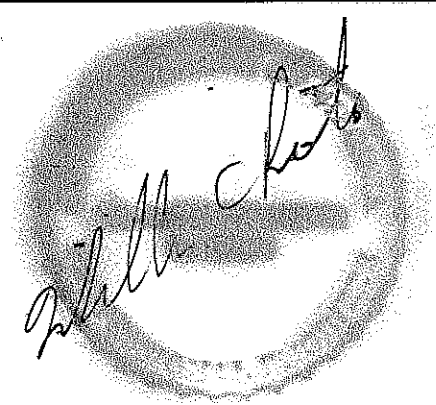


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FAIRFAX, VA 22030  
(703) 691-4114



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Silver Spring, MD 20910  
Ph. (301) 565-2000  
Fax (301) 495-1563

Seal



**WASHINGTON METROPOLITAN  
AREA TRANSIT AUTHORITY**

#### Revisions

No.	DATE	REVISION
0	07/15/04	FOR CONSTRUCTION

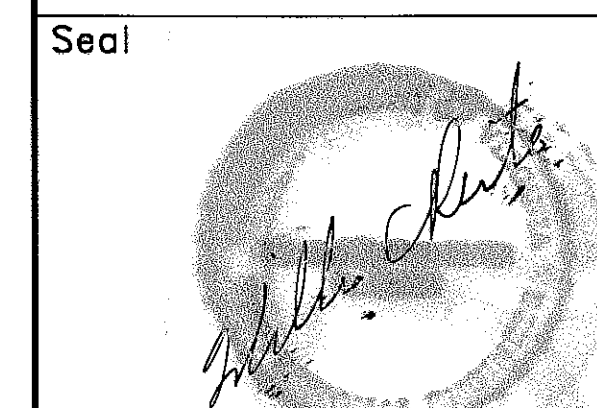
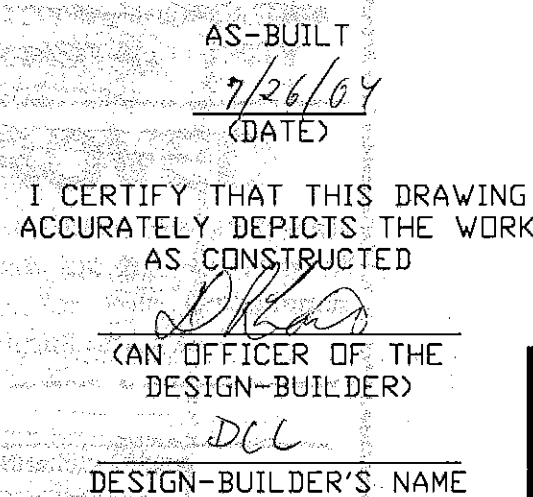
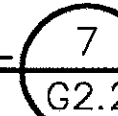
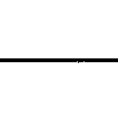
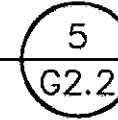
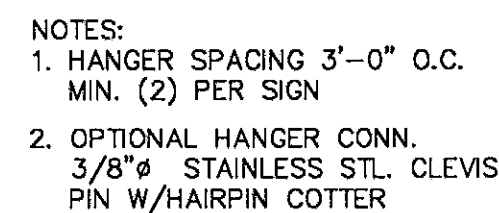

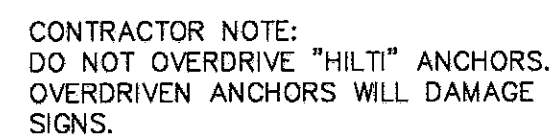
Project  
**FRANCONIA SPRINGFIELD  
STATION  
PARKING STRUCTURE  
EXPANSION**

Drawing

**SIGN SCHEDULE**

WMATA Contract No. <b>1H001P</b>	Scale N.T.S.	Job 14-2978.01	Sheet <b>G2.1</b>
WMATA Dwg. No. <b>M-1111-XXX</b>	Drawn J.M.H.	Date 02/13/02	





**WASHINGTON METROPOLITAN  
AREA TRANSIT AUTHORITY**

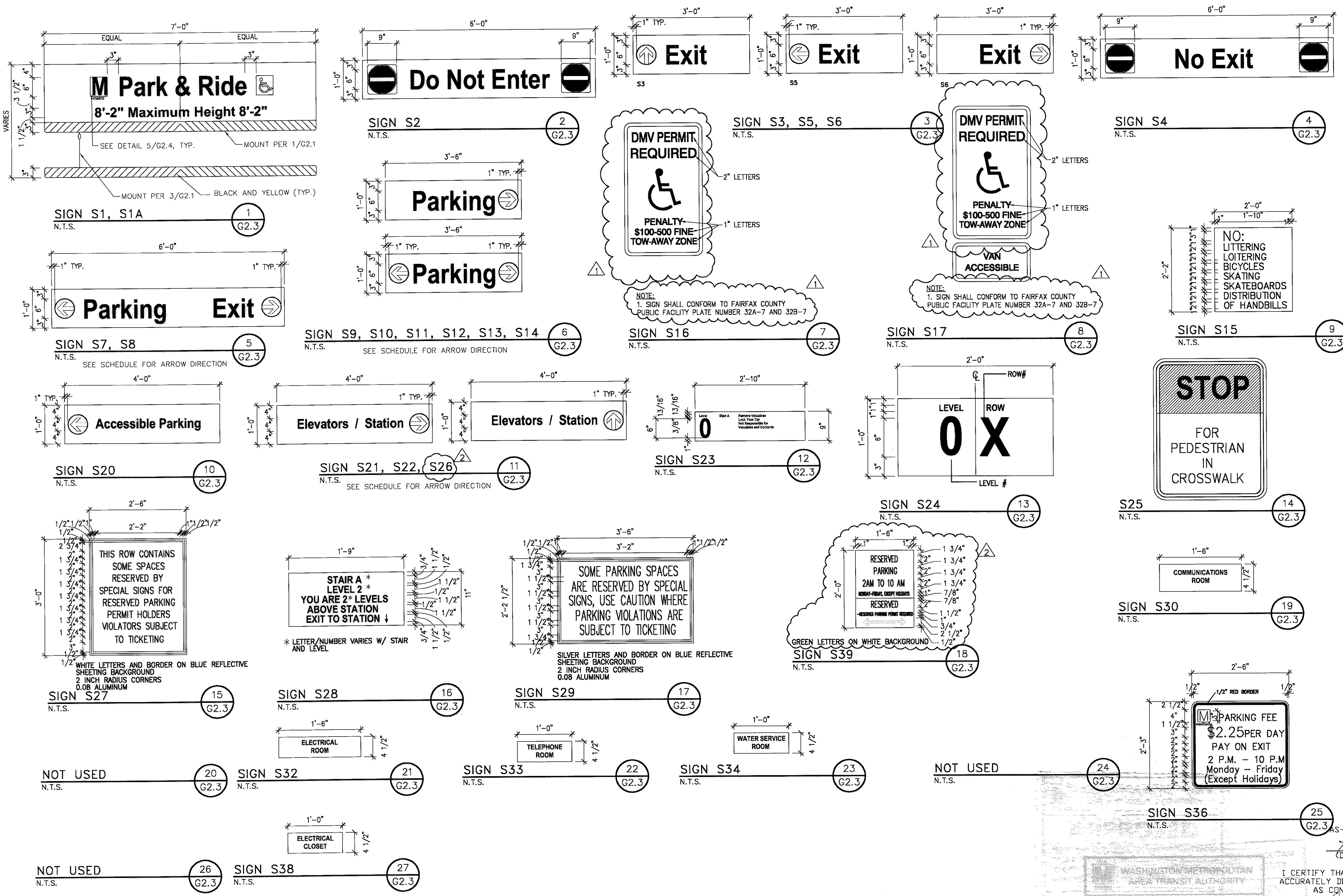
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Project  
**FRANCONIA SPRINGFIELD  
STATION  
PARKING STRUCTURE  
EXPANSION**

Drawing

MOUNTING DETAILS

WMATA Contract No. <b>1H001P</b>	Scale <b>N.T.S.</b>	Job <b>14-2978.01</b>	<b>G2.2</b>
WMATA Dwg. No. <b>M-1111-XXX</b>	Drawn <b>J.M.H.</b>	Date <b>02/13/02</b>	



CE-1111-159 SPEC SEQ REV 1780 002 2 DATE 8/23/04

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY  
APPROVED  
Approval Does Not Relieve the Contractor of the Responsibility for the Accuracy of this Document or for Full Compliance with the Contract Requirements.  
DATE: 8/23/04

I CERTIFY THAT THIS DRAWING ACCURATELY DEPICTS THE WORK AS CONSTRUCTED  
[Signature]  
(AN OFFICER OF THE DESIGN-BUILDER)  
[Signature]  
DESIGN-BUILDER'S NAME

WMATA Contract No. 1H001P	Scale N.T.S.	Job 14-2978.01	Sheet G2.3
WMATA Dwg. No. M-1111-XXX	Drawn J.M.H.	Date 02/13/02	

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Seal  
[Signature]

**M**  
metro

WASHINGTON METROPOLITAN  
AREA TRANSIT AUTHORITY

Revisions		
No.	DATE	REVISION
0	07/15/02	FOR CONSTRUCTION
1	8/22/02	PER FAIRFAX COUNTY COMMENTS
2	1/14/03	PER WMATA COMMENTS

Project  
**FRANCONIA SPRINGFIELD  
STATION  
PARKING STRUCTURE  
EXPANSION**

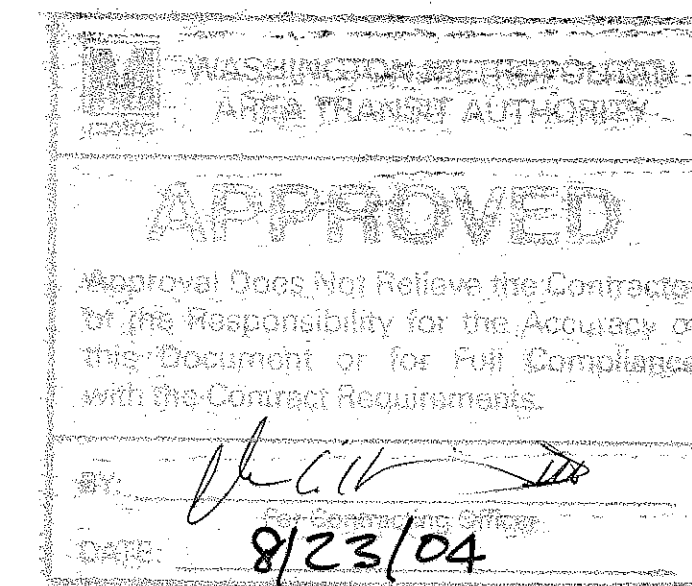
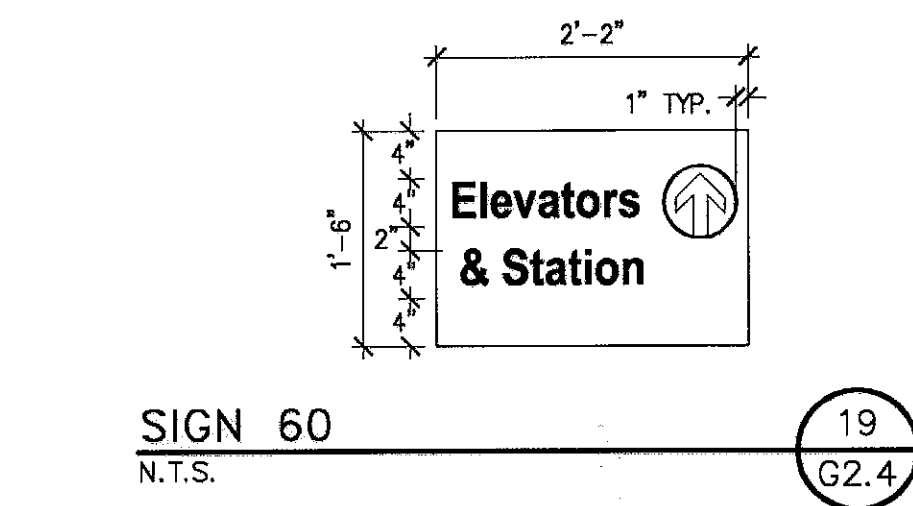
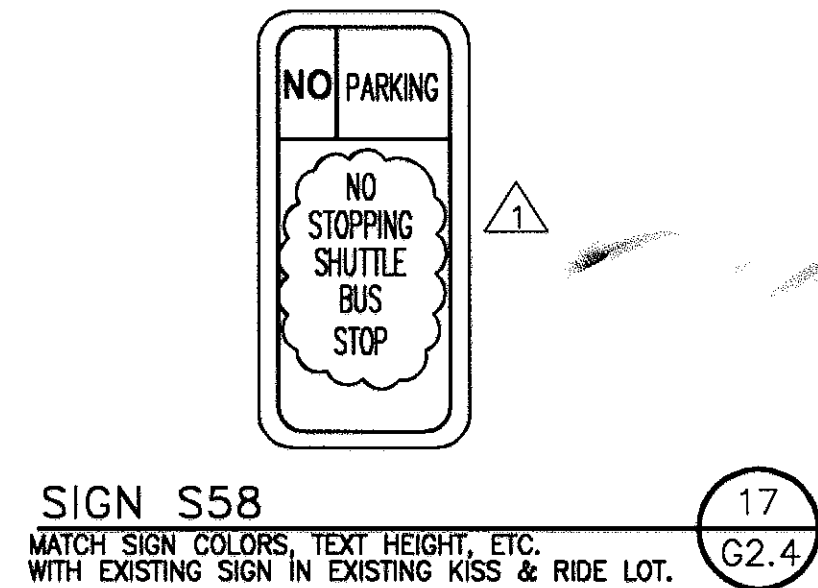
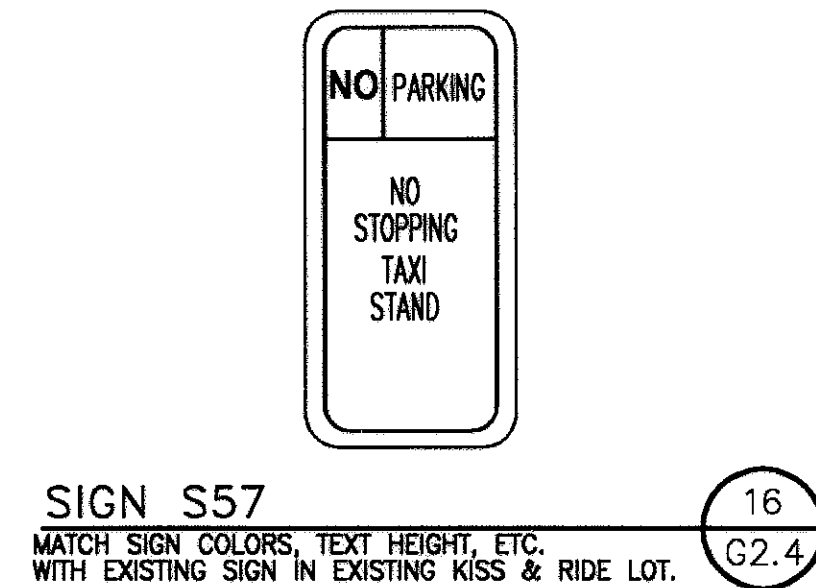
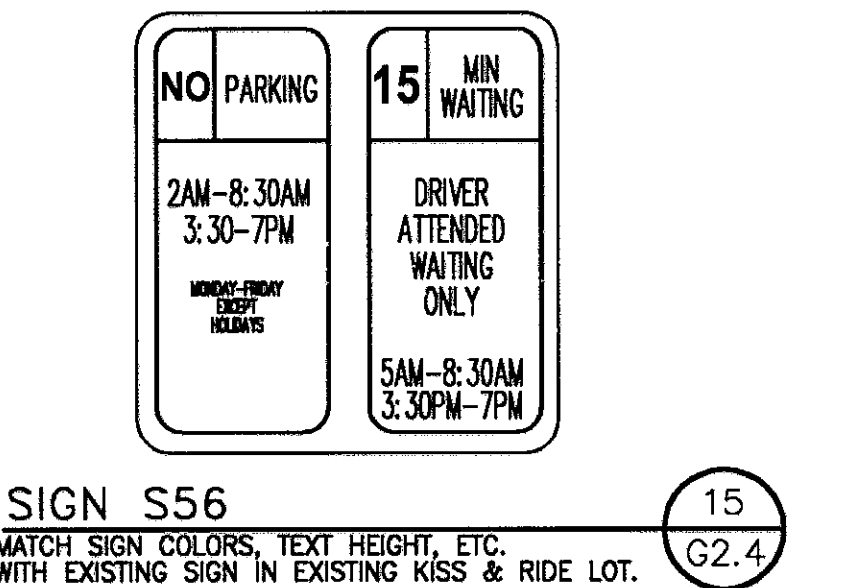
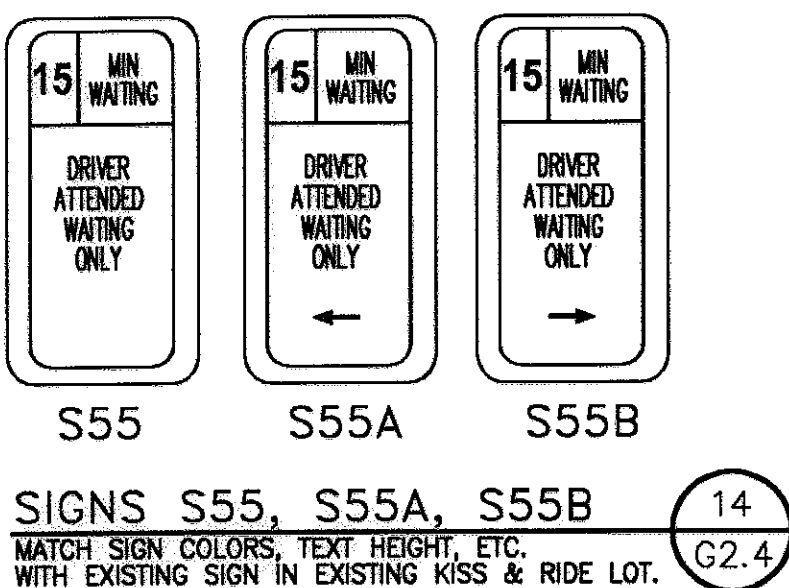
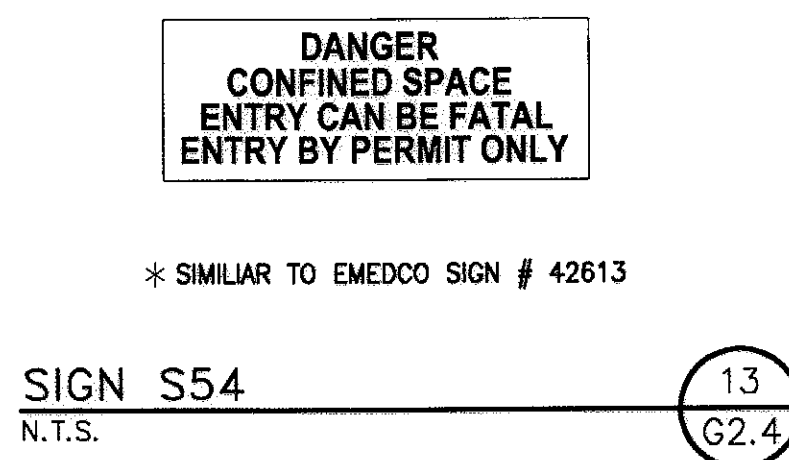
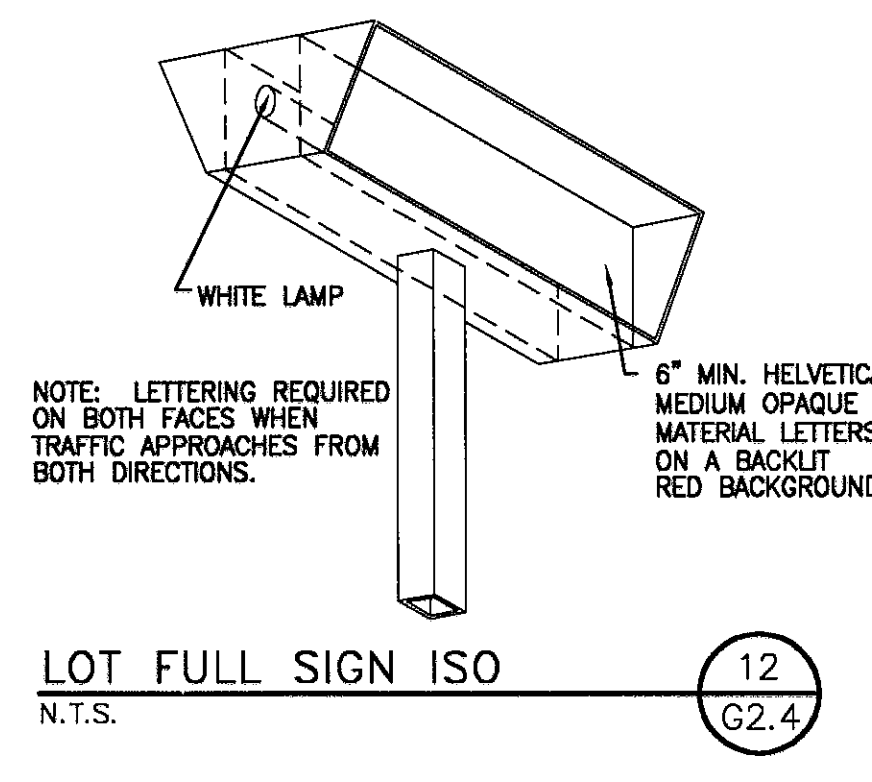
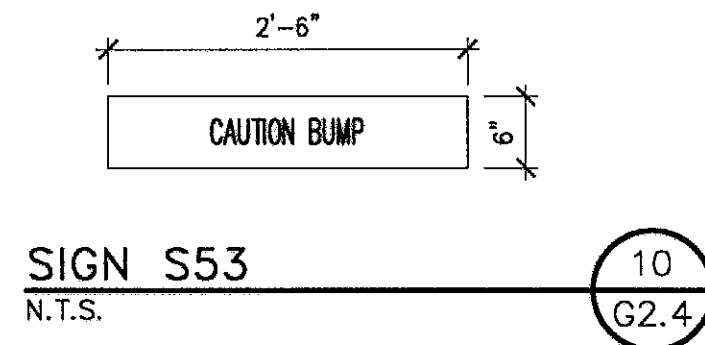
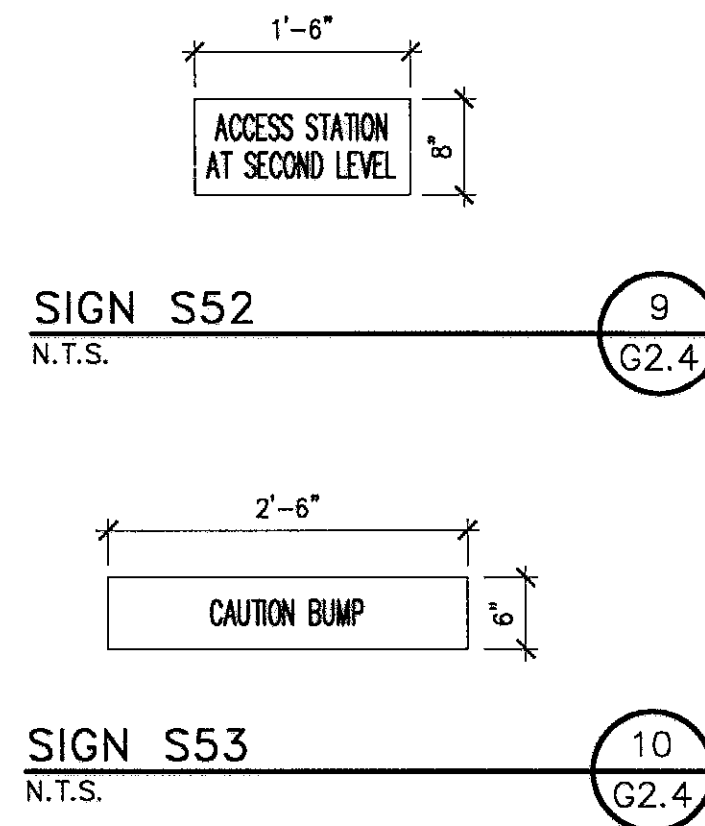
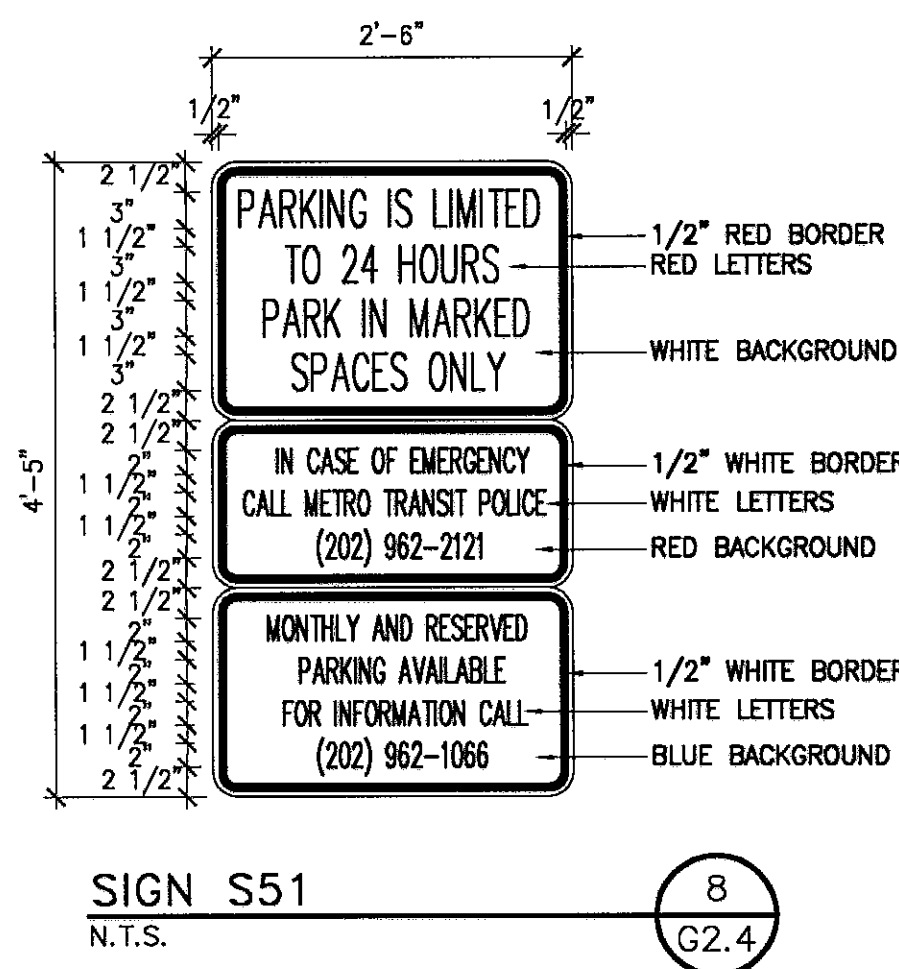
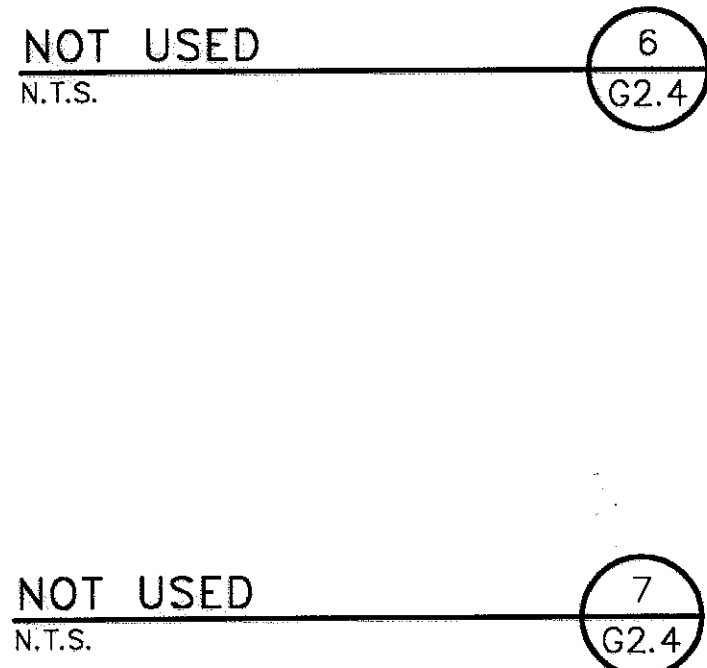
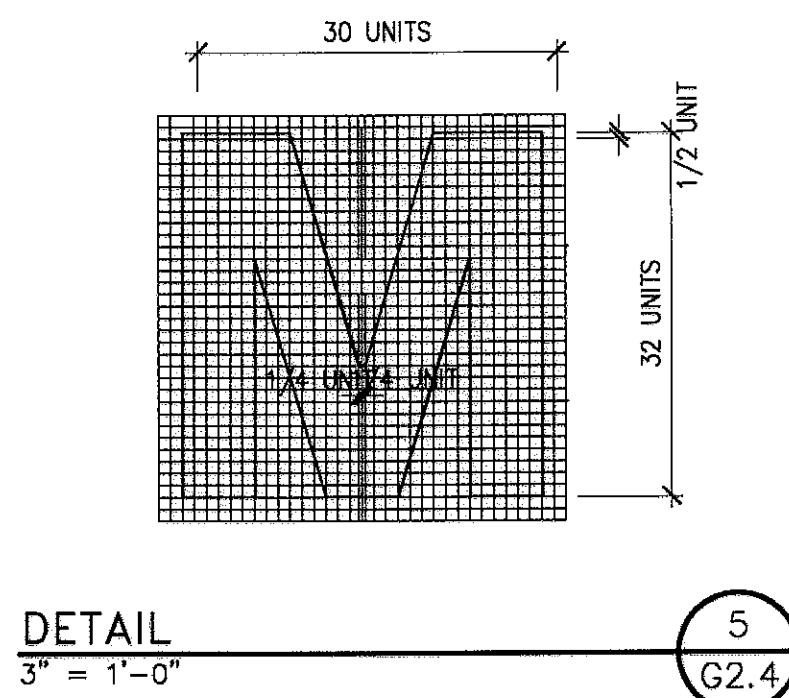
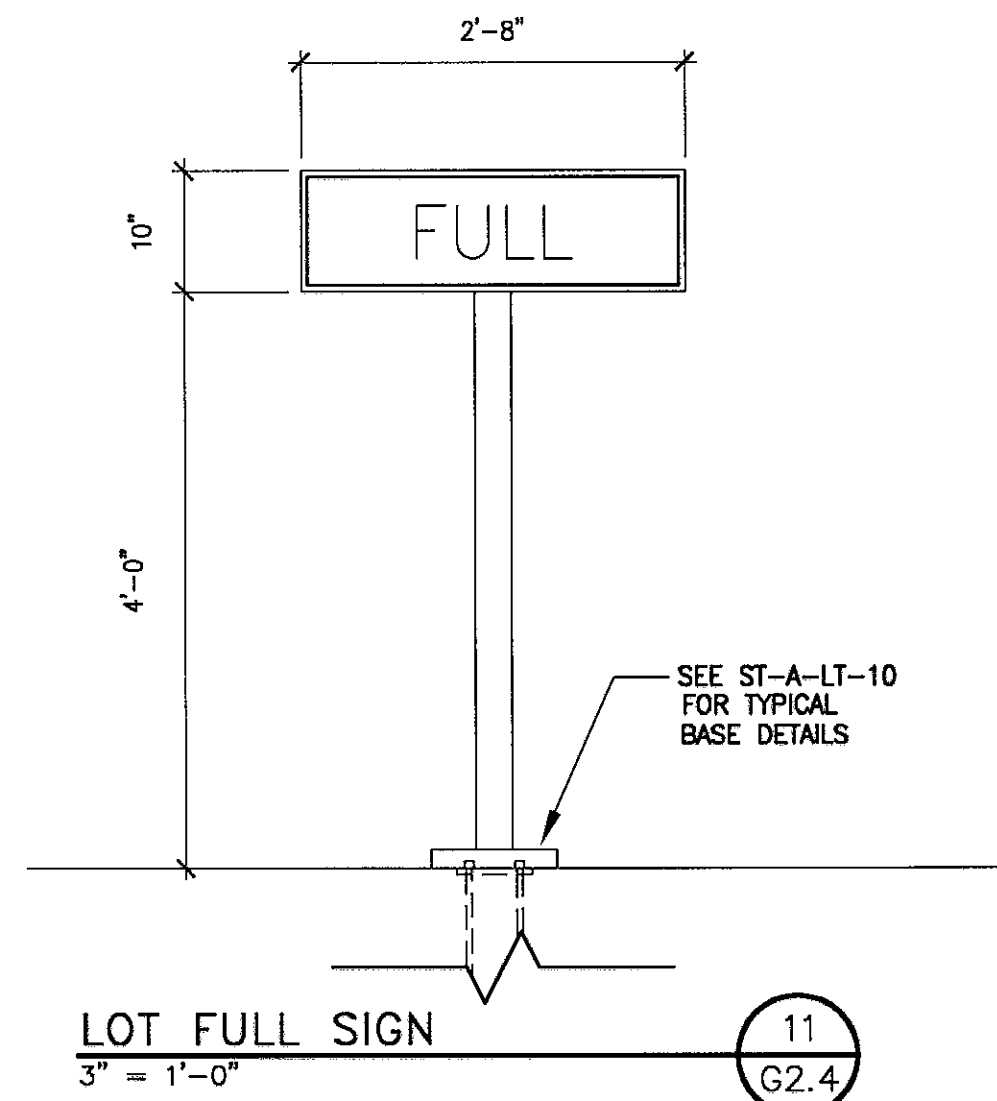
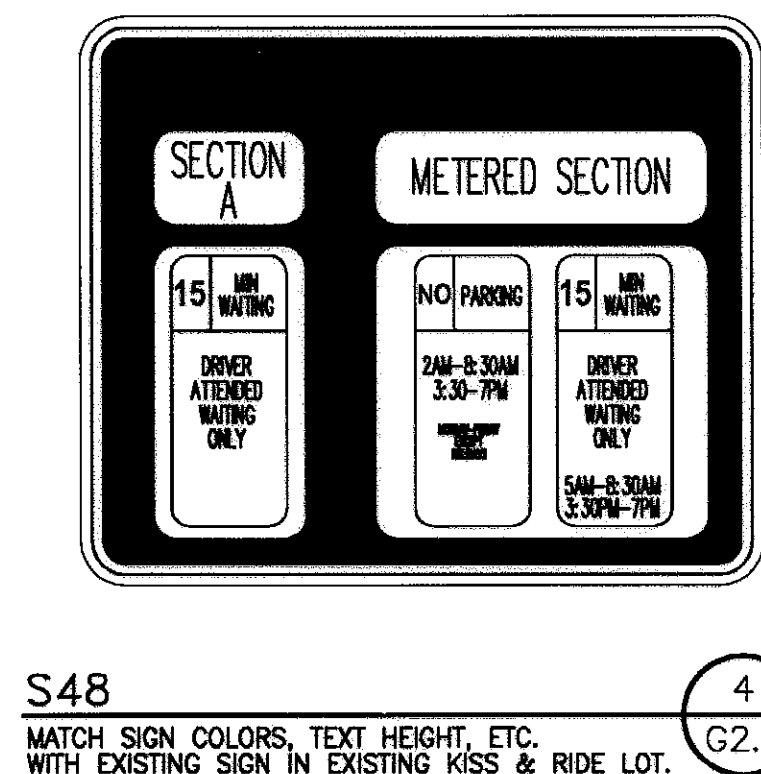
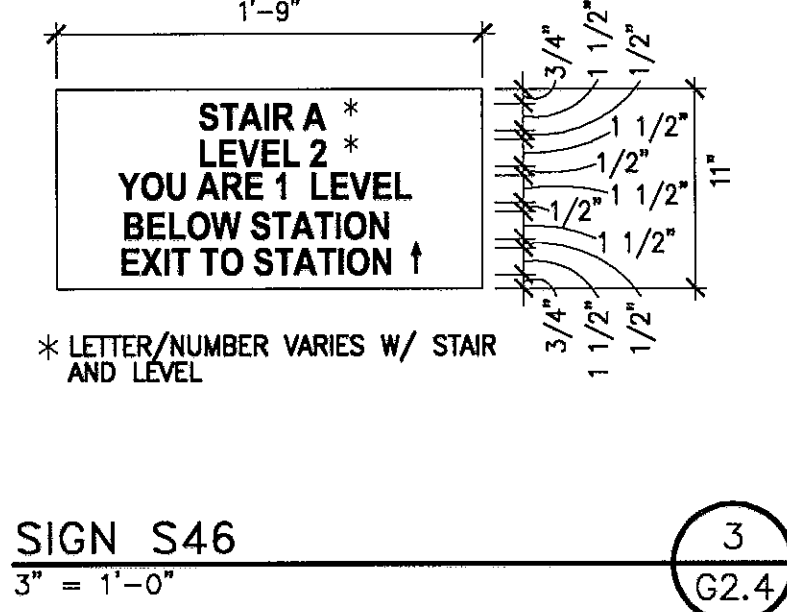
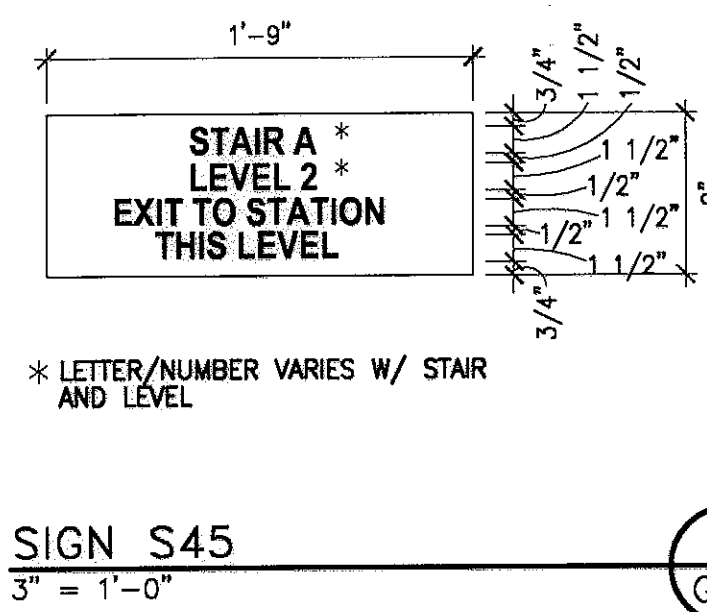
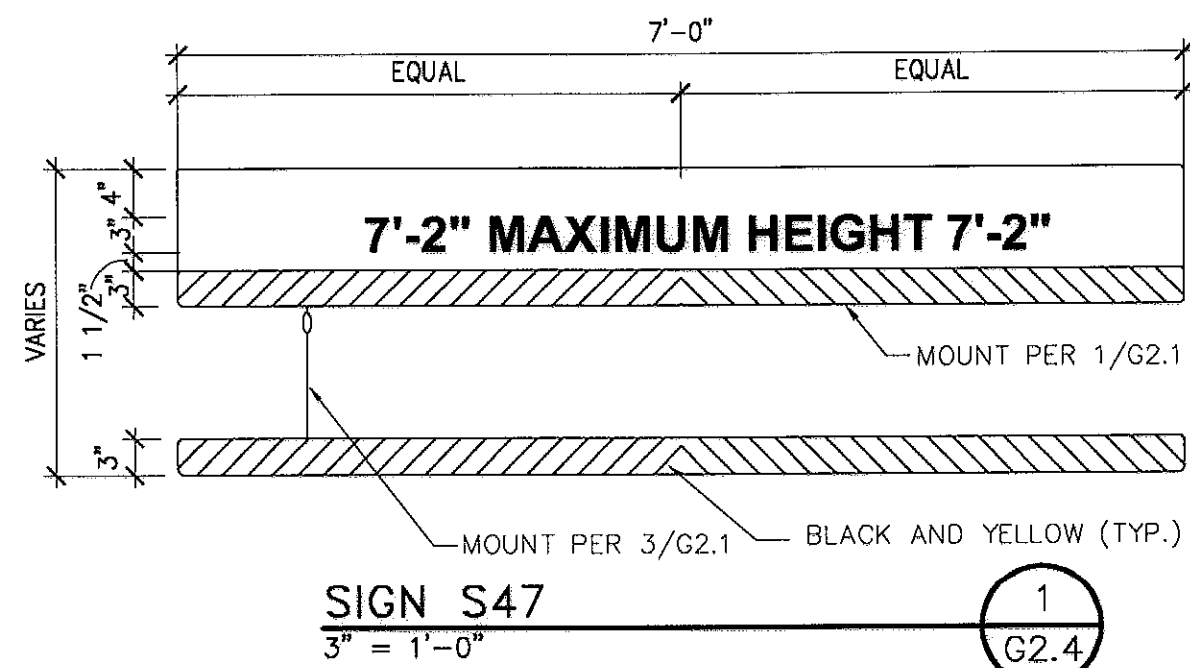
Drawing  
**SIGN DETAILS**



user: coleman.j

MAY 21, 2002 10:39 a.m.

G:\14-2978-01\_Franconia\_Springfield\graphics\2978G24.dwg



AS-BUILT  
7/26/04  
(DATE)  
I CERTIFY THAT THIS DRAWING ACCURATELY DEPICTS THE WORK AS CONSTRUCTED  
DCC  
(AN OFFICER OF THE DESIGN-BUILDER)  
DESIGN-BUILDER'S NAME

SPEC SEQ REV  
CP-1H001P-1780-002-2  
D-8-159

WMATA Contract No. 1H001P	Scale N.T.S.	Job 14-2978.01	Sheet G2.4
WMATA Dwg. No. M-1111-XXX	Drawn J.M.H.	Date 02/13/02	

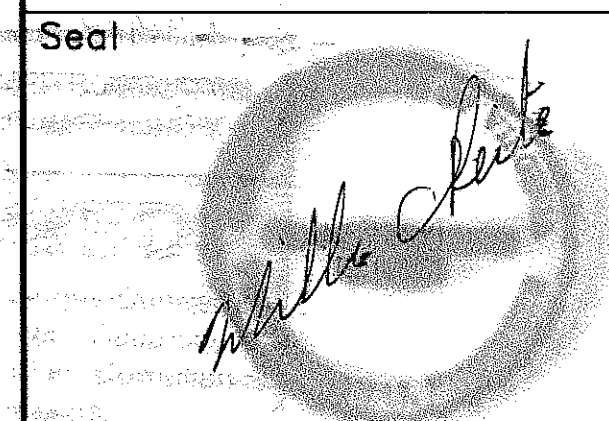
**DONOHUE**  
CONSTRUCTION COMPANY  
2101 Wisconsin Ave., NW  
Washington, DC 20007  
Ph. (202) 333-0880  
Fax (202) 342-3924

**WALKER**  
PARKING CONSULTANTS  
900 West Valley Road  
Suite 800  
Wayne, PA 19087-1830  
610.995.0260 Ph.  
610.995.0261 Fax

**WISNEWSKI BLAIR**  
AND ASSOCIATES LTD  
625 Slaters Lane Suite 300  
Alexandria, VA 22314  
Ph. (703) 836-7766  
Fax (703) 836-3042

**CERVANTES & ASSOCIATES, P.C.**  
ENGINEERS • PLANNERS • SURVEYORS  
3541 CHAIN BRIDGE ROAD, SUITE 7  
FAIRFAX, VA 22030  
(703) 691-4114

**DIVERSIFIED ENGINEERING, INC.**  
914 Silver Spring Avenue, Suite 208  
Silver Spring, MD 20910  
Ph. (301) 565-2000  
Fax (301) 495-1563

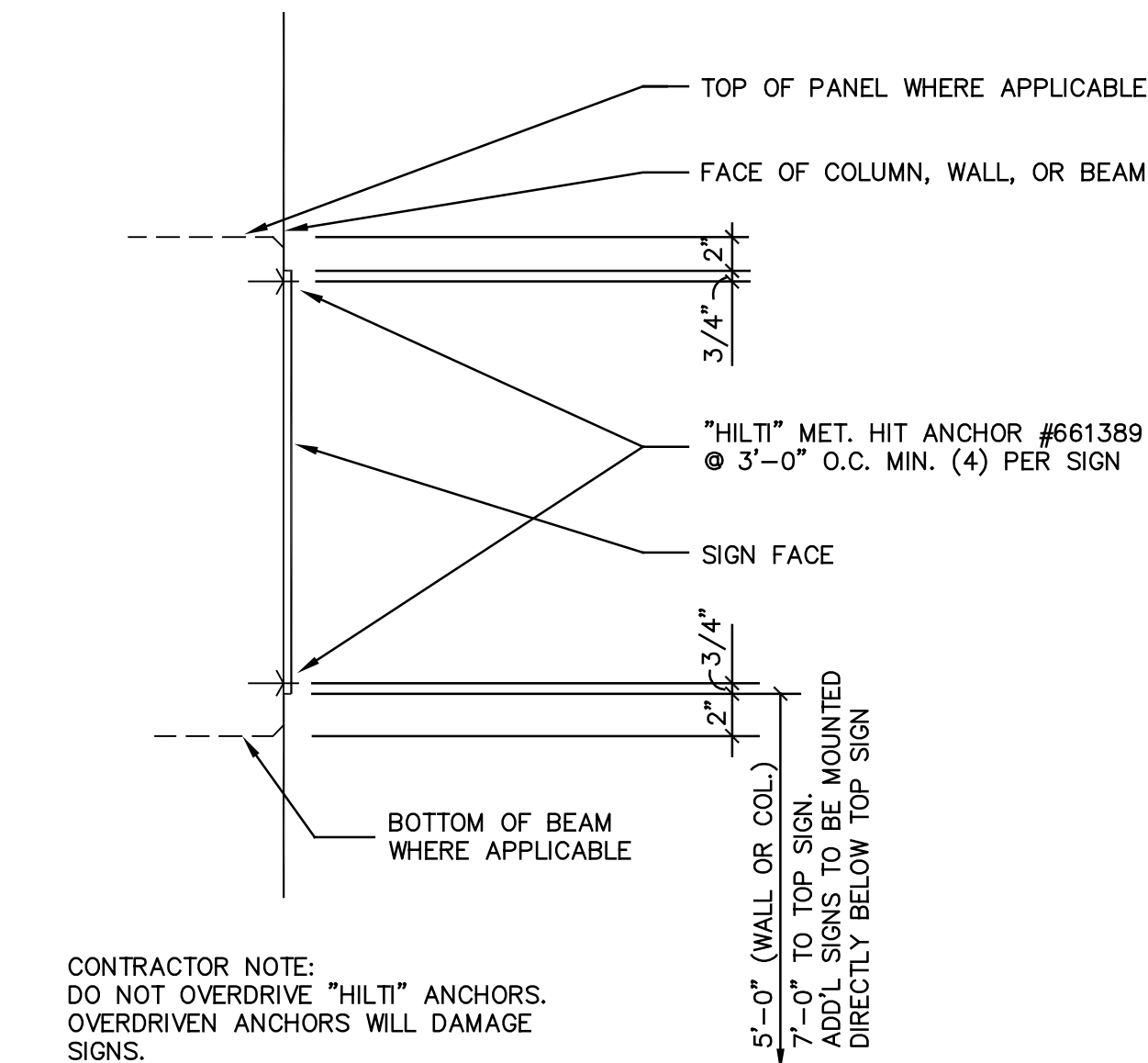


**metro**  
WASHINGTON METROPOLITAN  
AREA TRANSIT AUTHORITY

Revisions	
No.	DATE REVISION
0	07/15/02 FOR CONSTRUCTION
1	01/14/03 REVISION

Project  
**FRANCONIA SPRINGFIELD  
STATION  
PARKING STRUCTURE  
EXPANSION**

Drawing  
**SIGN DETAILS**



NOTE:  
- FOR ACCESSIBILITY SIGNS, MOUNT CENTER OF SIGN 5'-0" ABOVE FLOOR.

SIGN MOUNTING DETAIL

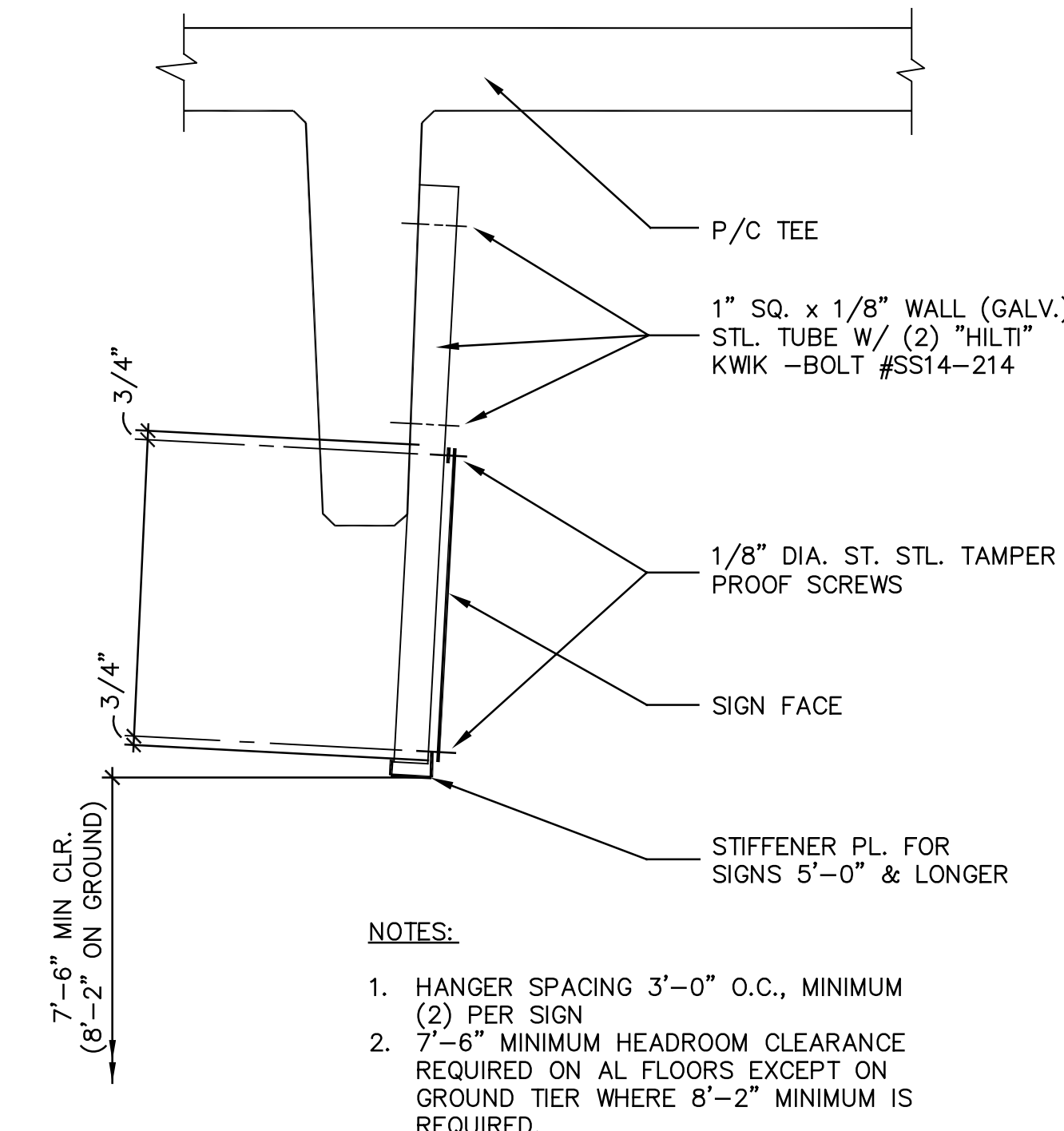
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G-1

SIGN MOUNTING DETAIL

2  
G-1

SIGN MOUNTING DETAIL

3  
G-1



SIGN MOUNTING DETAIL

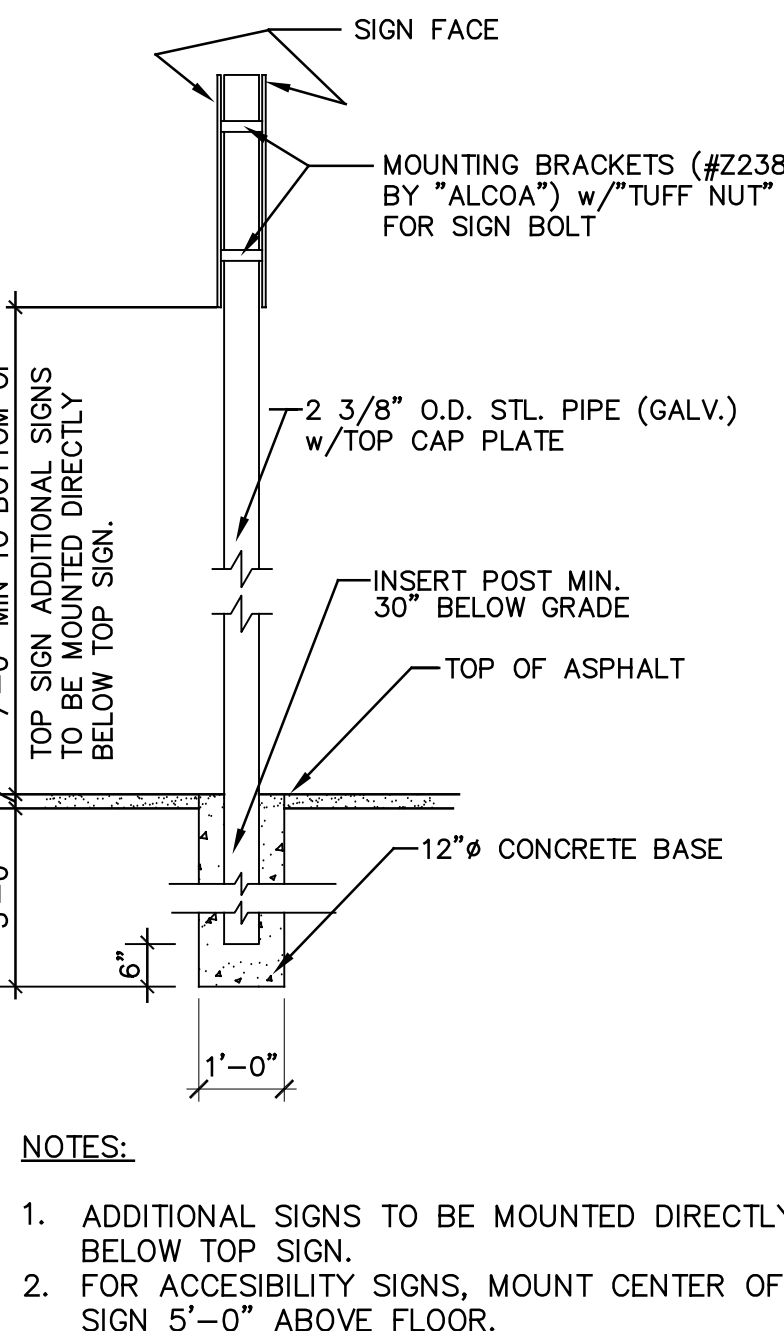
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G-1

SIGN MOUNTING DETAIL

NOTE:  
- FOR ACCESSIBILITY SIGNS, MOUNT CENTER OF SIGN 5'-0" ABOVE FLOOR.

5  
G-1

SIGN MOUNTING DETAIL



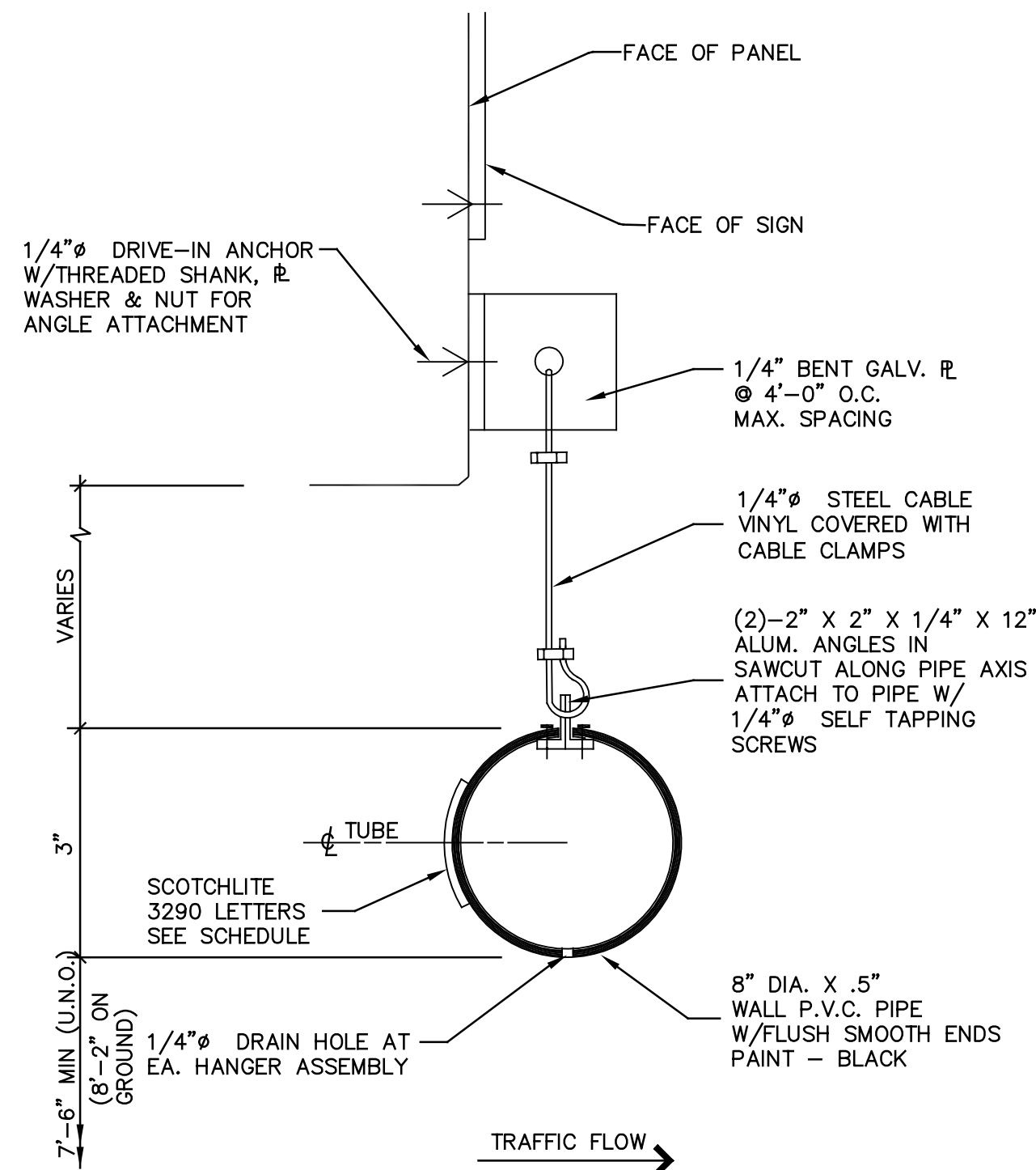
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G-1

SIGN MOUNTING DETAIL

NOTE:  
- FOR ACCESSIBILITY SIGNS, MOUNT CENTER OF SIGN 5'-0" ABOVE FLOOR.

SIGN MOUNTING DETAIL

7  
G-1



SIGN SCHEDULE											
MARK	SIZE			TEXT/MESSAGE	BACKGROUND COLOR	LETTERS/SYMBOLS		MOUNTING DET.	MATERIAL	REMARKS	
	H	L				H	COLOR				
S1	VARIES	7'-0"	8'-2"	Park & Ride Maximum Height	"METRO" (MEDIUM DARK) BROWN	6"	3"	3/G-1	SIM	ALUM	SEE DETAIL 1/G-2
S1A	VARIES	7'-0"	7'-3"	Park & Ride Maximum Height	"METRO" (MEDIUM DARK) BROWN	6"	3"	3/G-1	SIM	ALUM	SEE DETAIL 1/G-2
S2	1'-0"	6'-0"		Do Not Enter	"METRO" (MEDIUM DARK) BROWN	6"		3/G-1	SIM	ALUM	SEE DETAIL 2/G-2
S3	1'-0"	3'-0"		Exit	"METRO" (MEDIUM DARK) BROWN	6"		2, 4/G-1	ALUM	SEE DETAIL 3/G-2	
S4	1'-0"	6'-0"		No Exit	"METRO" (MEDIUM DARK) BROWN	6"		3/G-1	ALUM	SEE DETAIL 4/G-2	
S5	1'-0"	3'-0"		Exit	"METRO" (MEDIUM DARK) BROWN	6"		2, 4/G-1	ALUM	SEE DETAIL 3/G-2	
S6	1'-0"	3'-0"		Exit	"METRO" (MEDIUM DARK) BROWN	6"		24/G-1	ALUM	SEE DETAIL 3/G-2	
S7	1'-0"	6'-0"		Parking Exit	"METRO" (MEDIUM DARK) BROWN	6"		24/G-1	ALUM	SEE DETAIL 5/G-2	
S8	1'-0"	6'-0"		Parking Exit	"METRO" (MEDIUM DARK) BROWN	6"		25/G-1	ALUM	SEE DETAIL 5/G-2	
S9	1'-0"	3'-6"		Parking	"METRO" (MEDIUM DARK) BROWN	6"		4/G-1	ALUM	SEE DETAIL 6/G-2	
S10	1'-0"	3'-6"		Parking	"METRO" (MEDIUM DARK) BROWN	6"		2/G-1	ALUM	SEE DETAIL 6/G-2	
S11	1'-0"	3'-6"		Parking	"METRO" (MEDIUM DARK) BROWN	6"		2/G-1	ALUM	SEE DETAIL 6/G-2	
S12	1'-0"	3'-6"		Parking	"METRO" (MEDIUM DARK) BROWN	6"		24/G-1	ALUM	SEE DETAIL 6/G-2	
S13	1'-0"	3'-6"		Parking	"METRO" (MEDIUM DARK) BROWN	6"		2/G-1	ALUM	SEE DETAIL 6/G-2	
S14	1'-0"	3'-6"		Parking	"METRO" (MEDIUM DARK) BROWN	6"		25/G-1	ALUM	SEE DETAIL 6/G-2	
S16	-	-		Accessible Sign	PER FEDERAL STANDARD	SEE PER FEDERAL DETAILS	7/G-1	ALUM	SEE DETAIL 7/G-2		
S16A	-	-		Accessible Sign	PER FEDERAL STANDARD	SEE PER FEDERAL DETAILS	1/G-1	ALUM	SEE DETAIL 7/G-2		
S17	-	-		Accessible Sign	PER FEDERAL STANDARD	SEE PER FEDERAL DETAILS	7/G-1	ALUM	SEE DETAIL 8/G-2		
S17A	-	-		Accessible Sign	PER FEDERAL STANDARD	SEE PER FEDERAL DETAILS	1/G-1	ALUM	SEE DETAIL 8/G-2		
S20	1'-0"	3'-0"		To Station	"METRO" (MEDIUM DARK) BROWN	3"		24/G-1	ALUM	SEE DETAIL 10/G-2	
S21	1'-0"	4'-0"		Elevators to Station	SEE COLOR SCHEDULE THIS SHEET	3"		24/G-1	ALUM	SEE DETAIL 11/G-2	
S22	1'-0"	4'-0"		Elevators to Station	SEE COLOR SCHEDULE THIS SHEET	3"		24/G-1	ALUM	SEE DETAIL 11/G-2	
S23	9"	2'-10"		LEVEL NO. STAIR NO.	SEE COLOR SCHEDULE THIS SHEET	3/4"	6"	1/G-1	ALUM	SEE DETAIL 12/G-2	
S24	1'-0"	2'-0"		Level Designation Bay Designation	SEE COLOR SCHEDULE THIS SHEET	6"		1/G-1	ALUM	SEE DETAIL 13/G-2	
S25	8"	5"		In case of fire.....	"METRO" (MEDIUM DARK) BROWN	-		1/G-1	ALUM	SEE DETAIL 14/G-2	
S26	1'-0"	4'-0"		Elevators to Station	SEE COLOR SCHEDULE THIS SHEET	3"		24/G-1	ALUM	SEE DETAIL 11/G-2	
S27	9"	2'-3"		STAIR LEVEL NO. 1 STATION ENTRANCE LEVEL EXIT THIS LEVEL	SEE COLOR SCHEDULE THIS SHEET	1/2"		1/G-1	ALUM	SEE DETAIL 15/G-2	
S28	11"	2'-3"		STAIR LEVEL NO. YOU ARE LEVELS ABOVE STATION ENTRANCE LEVEL EXIT DOWN	SEE COLOR SCHEDULE THIS SHEET	1/2"		1/G-1	ALUM	SEE DETAIL 16/G-2	
S29	1'-0"	1'-0"		AREA OF REFUGE	SEE COLOR SCHEDULE THIS SHEET	1/2"		1/G-1	ALUM	SEE DETAIL 17/G-2	
S30	6"	1'-6"		Communications Room	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE DETAIL 19/G-2	
S31	6"	1'-0"		Storage Room #1	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 20/G-2	
S32	6"	1'-6"		Electrical Room	"METRO" (MEDIUM DARK) BROWN	1"		1/G-1	ALUM	SEE DETAIL 21/G-2	
S33	6"	1'-0"		Meter Room	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 22/G-2	
S34	6"	1'-0"		Storage Room #2	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 23/G-2	
S34A	1'-0"	2'-3"		NOT TO BE USED FOR THE STORAGE OF COMBUSTIBLE MATERIALS	"METRO" (MEDIUM DARK) BROWN	1/2"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 29/G-2	
S35	6"	1'-0"		Electrical Room	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 24/G-2	
S35a	6"	1'-0"		Elevator Machine Room	"METRO" (MEDIUM DARK) BROWN	1"		1/G-1	ALUM	SEE DETAIL 24/G-2	
S37	6"	1'-6"		Parking Operations Room	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 26/G-2	
S38	6"	1'-0"		Electrical Closet	"METRO" (MEDIUM DARK) BROWN	1"		DOOR MOUNT	ALUM	SEE NOTE 18 SEE DETAIL 27/G-2	
S39	1'-0"	1'-0"		DO NOT ENTER	PER FEDERAL STANDARDS			1/G-1	ALUM	SEE DETAIL 28/G-2	

## GENERAL NOTES

- LETTERFORMS SHALL BE HELVETICA MEDIUM, (U.N.O.) OF SIZE AS SHOWN ON THE SIGN SCHEDULE, UNLESS NOTED. UPPER AND LOWER CASE SHALL BE USED ON ALL DIRECTIONAL TRAFFIC AND PEDESTRIAN SIGNS, UNLESS NOTED.
- THE SIGN AND ELECTRICAL LIGHTING CONTRACTORS SHALL COORDINATE SIGN AND LIGHT LOCATIONS PER THE SPECIFICATIONS. COORDINATION WITH ENGINEER ALSO REQUIRED.
- ALL FASTENERS, MOUNTING BRACKETS, ETC., SHALL BE PAINTED THE IDENTICAL COLOR AS THE SIGN FACE OR OF THE AREA WHERE THEY PENETRATE THE SIGN.
- ALL SYMBOLS INCLUDING ARROW DISCS ARE TO BE ENGINEER GRADE REFLECTIVE VINYL IN COLORS NOTED.
- WHERE TWO (2) SIGNS ARE MOUNTED BACK TO BACK, THE SMALLEST L DIMENSION SHALL INCREASE TO MATCH THE LARGEST L DIMENSION.
- MAXIMUM BOLT INSERT EMBEDMENT LENGTH 1-1/4", UNLESS NOTED.
- DO NOT SCALE DRAWINGS.
- BACKS AND EDGES OF ALL ALUMINUM SIGNS MOUNTED DIRECTLY TO THE STRUCTURE SHALL BE PAINTED (SIGN BACKGROUND COLOR) TO PREVENT CATHODIC REACTION.
- SEE ARCHITECTURAL STRIPING PLANS FOR PARKING LAYOUT AND SIGN LOCATIONS.
- UNLESS OTHERWISE NOTED ALL COLUMN AND WALL MOUNTED SIGNS SHALL BE MOUNTED AT 5'-0" FROM THE BOTTOM OF THE SIGN TO TOP OF THE SLAB BELOW.
- PAINT ALL FASTENER HEADS TO MATCH SIGN COLOR.
- ALL HANGERS TO BE PAINTED FLAT GRAY.
- SIGN FACES ARE TO BE FEDERAL SPECIFICATION 5055A COLOR NO. 20040 BROWN U.N.O. PAINTED BEFORE APPLICATION OF VINYL GRAPHICS.
- SIGNS ARE TO BE 0.125" THICK ALUMINUM.
- ARROW DISC, METRO AND ACCESSIBLE SYMBOLS TO BE WHITE REFLECTIVE VINYL U.N.O.
- HAZARD GRAPHIC TO BE YELLOW REFLECTIVE VINYL AND BLACK VINYL.
- ALL TRAFFIC CONTROL SIGNS SHALL CONFORM TO THE LATEST ISSUE OF THE U.S. DEPT. OF TRANSPORTATION "UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES (MUTCD)" AND THE MOST UP TO DATE U.S. "STANDARD HIGHWAY SIGNS" MANUAL, UNLESS THE SIGN MESSAGES ARE INCORPORATED INTO LARGER MORE COMPREHENSIVE SIGN PANELS.
- ALL SIGNS MOUNTED ON DOORS SHALL BE ANCHORED. NO ADHESIVE SHALL BE USED.

## COLORS

O.A.A.A.	#	COLOR	TIER
O.A.A.A.	#21	BLACK	
O.A.A.A.	#162	PURPLE	TOP TIER
O.A.A.A.	#101	WHITE	
O.A.A.A.	#104	BRIGHT RED	GROUND TIER
O.A.A.A.	#106	CARMINE	
O.A.A.A.	#114	MEDIUM BROWN	
O.A.A.A.	#124	MEDIUM ORANGE	2ND TIER
O.A.A.A.	#132	LEMON YELLOW	
O.A.A.A.	#130	PRIMROSE YELLOW	3RD TIER
O.A.A.A.	#134	CHROME YELLOW	
O.A.A.A.	#140	LIGHT GREEN	4TH TIER
O.A.A.A.	#142	EMERALD GREEN	5TH TIER
O.A.A.A.	#144	MEDIUM GREEN	
O.A.A.A.	#152	LIGHT BLUE	6TH TIER
O.A.A.A.	#580	WHITE SCOTCHLITE ENGINEER GRADE SHEETING	

## SIGN INFORMATION

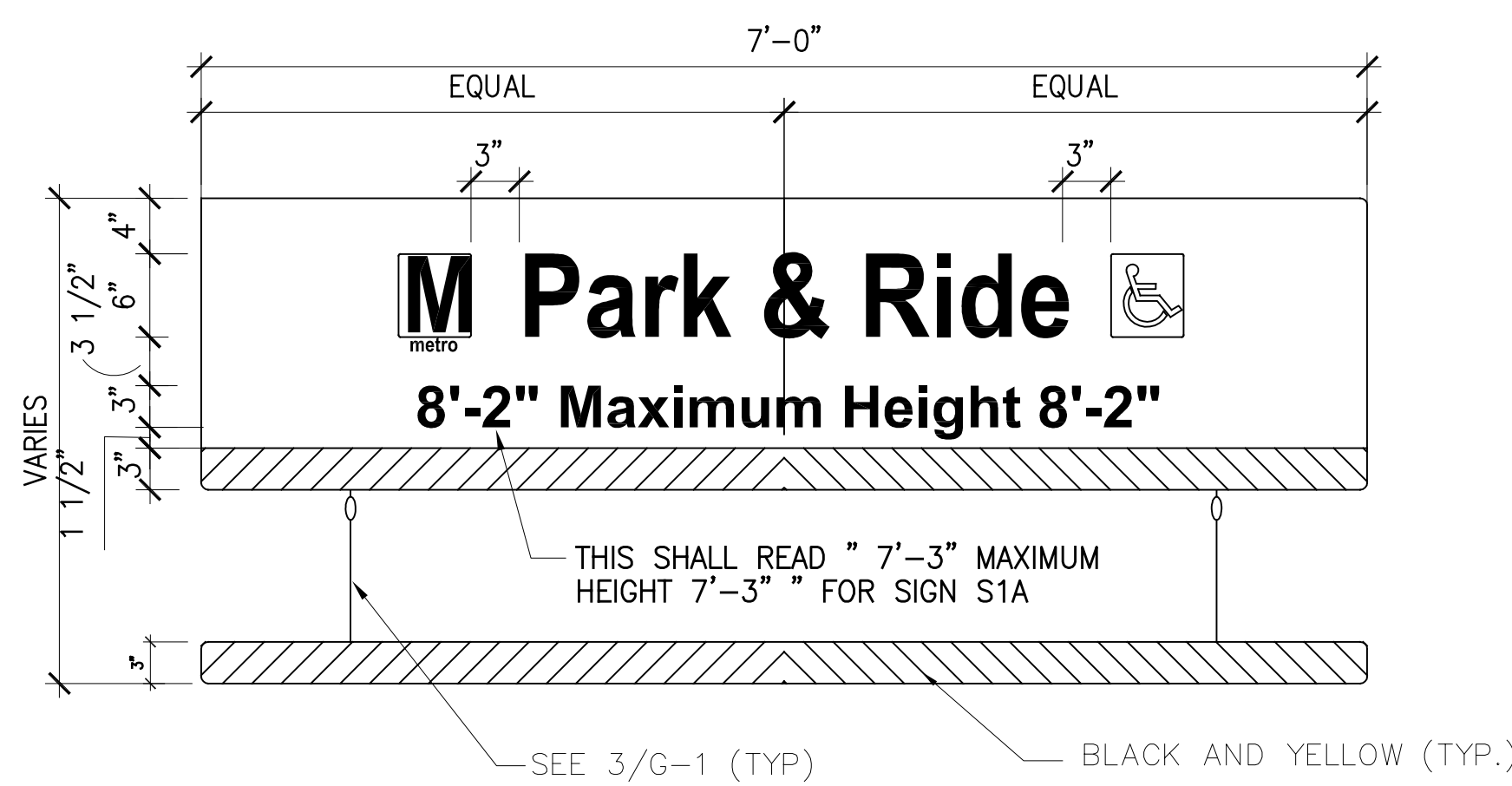
O.A.A.A. = OUTDOOR ADVERTISING ASSOCIATION OF AMERICA, 1951, BASIC COLOR CHART STANDARDS.

ARROW DIRECTION IS INDICATED IN "TEXT" OF SIGN SCHEDULE.

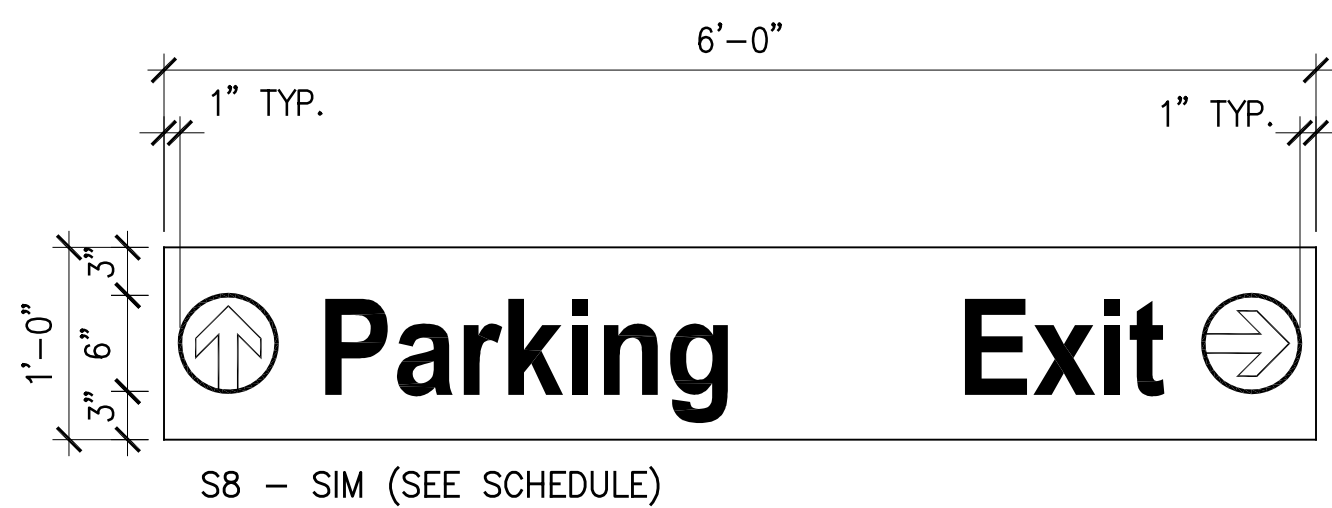
SEE SIGNAGE GENERAL NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION.

SUBMIT COLOR SAMPLES FOR EACH COLOR ON MATERIALS TO BE USED.

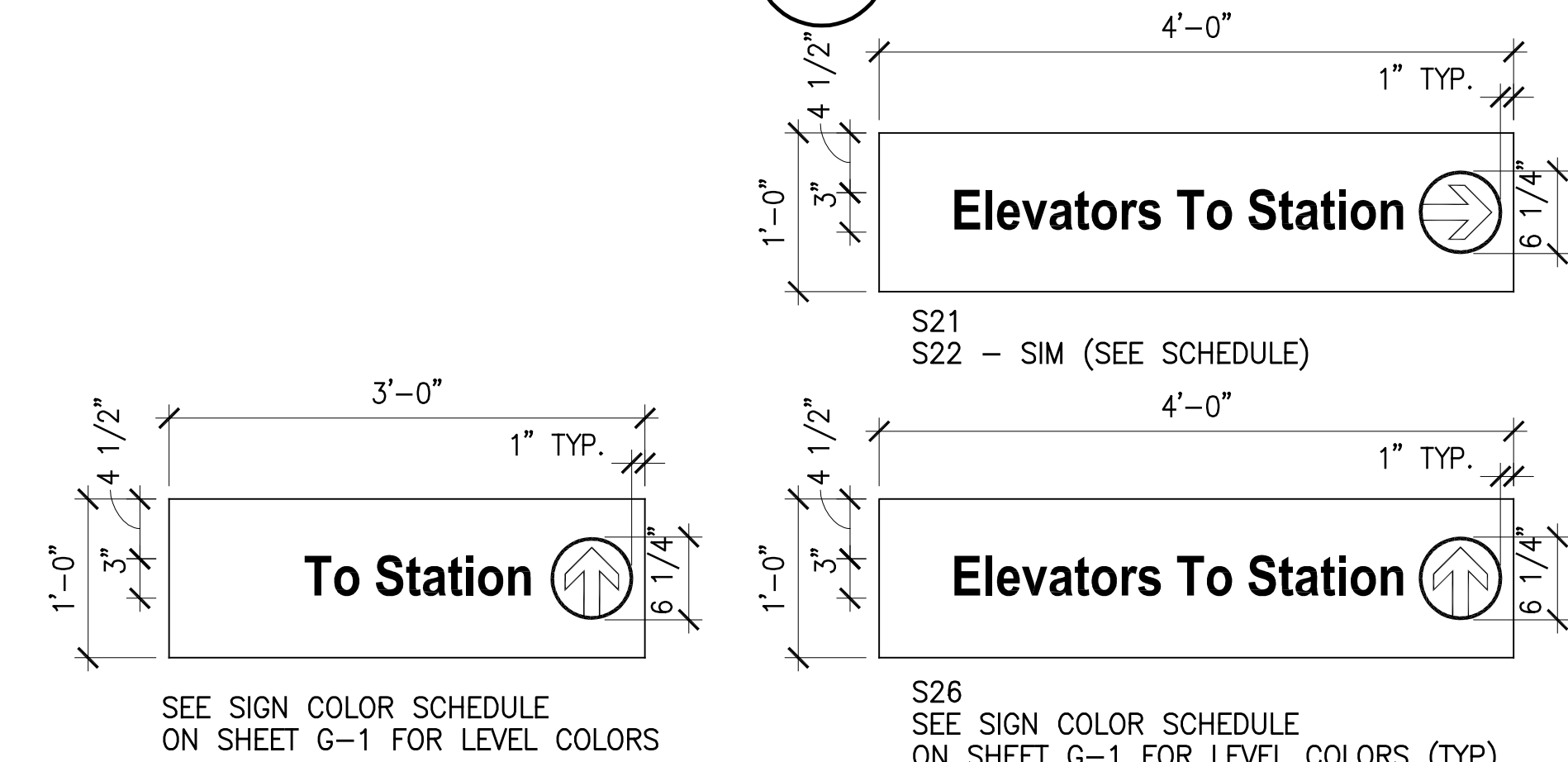




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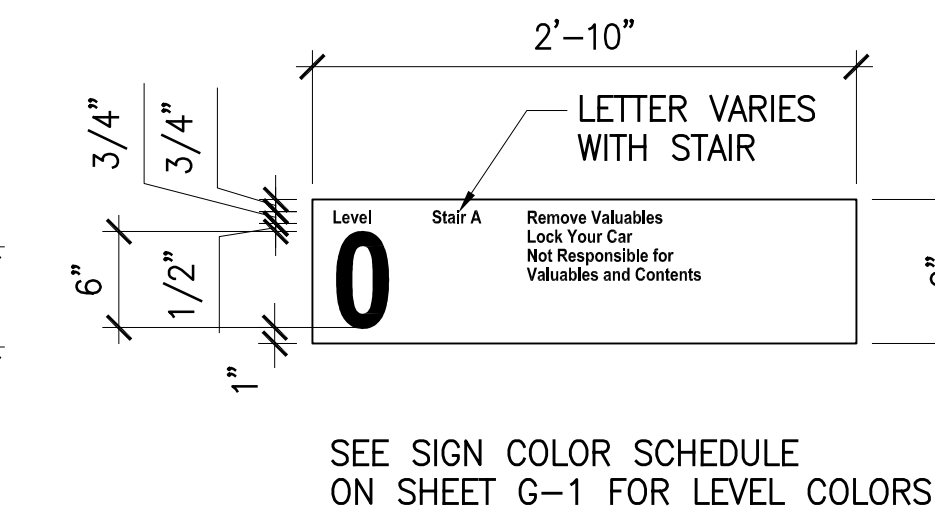


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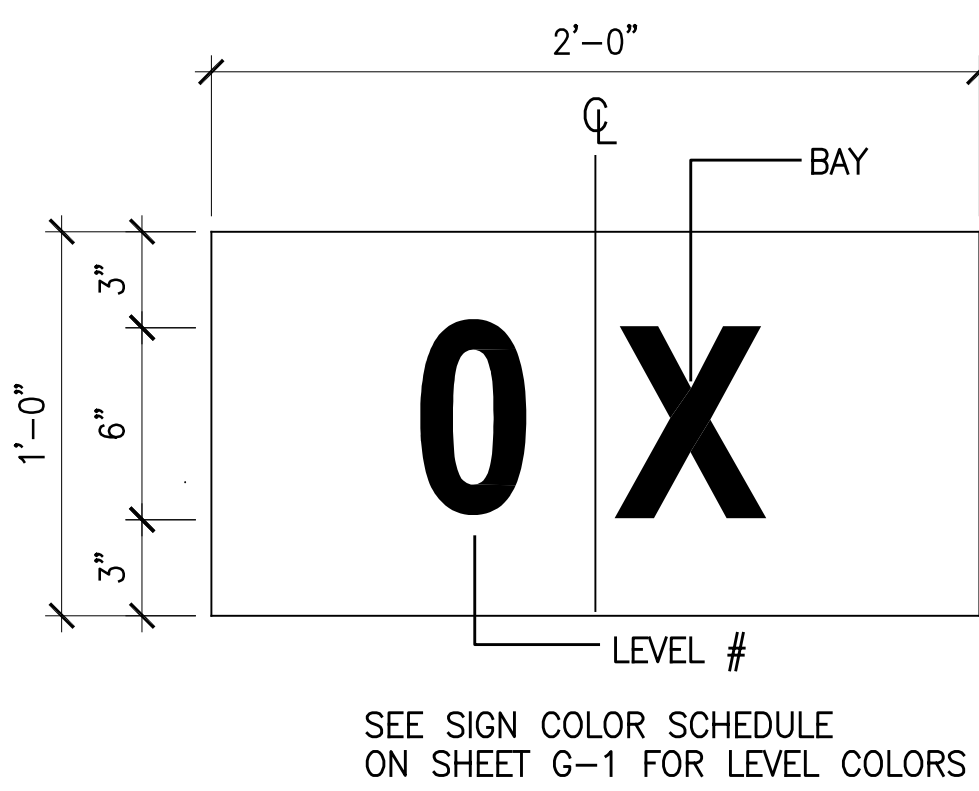


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SIGN S21, S22, S26  
N.T.S.

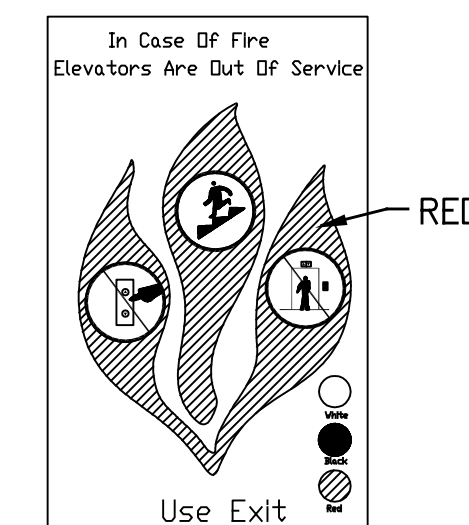


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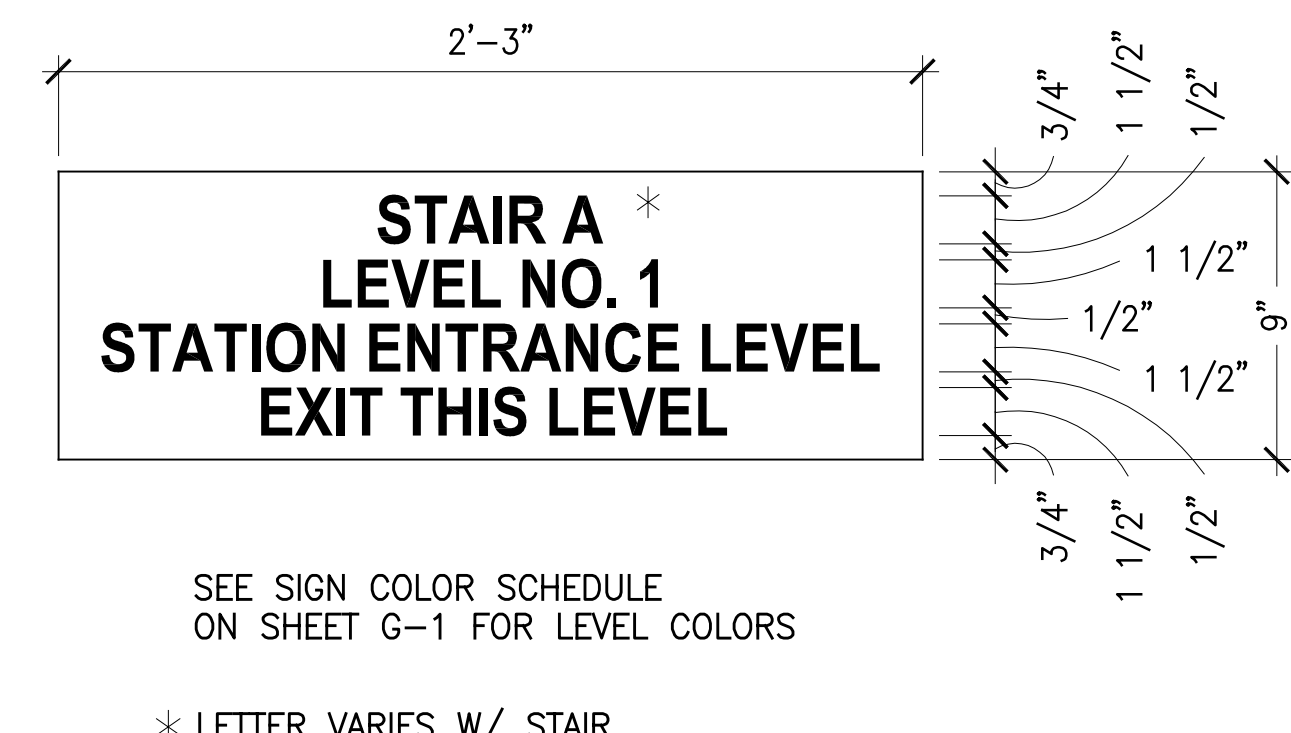


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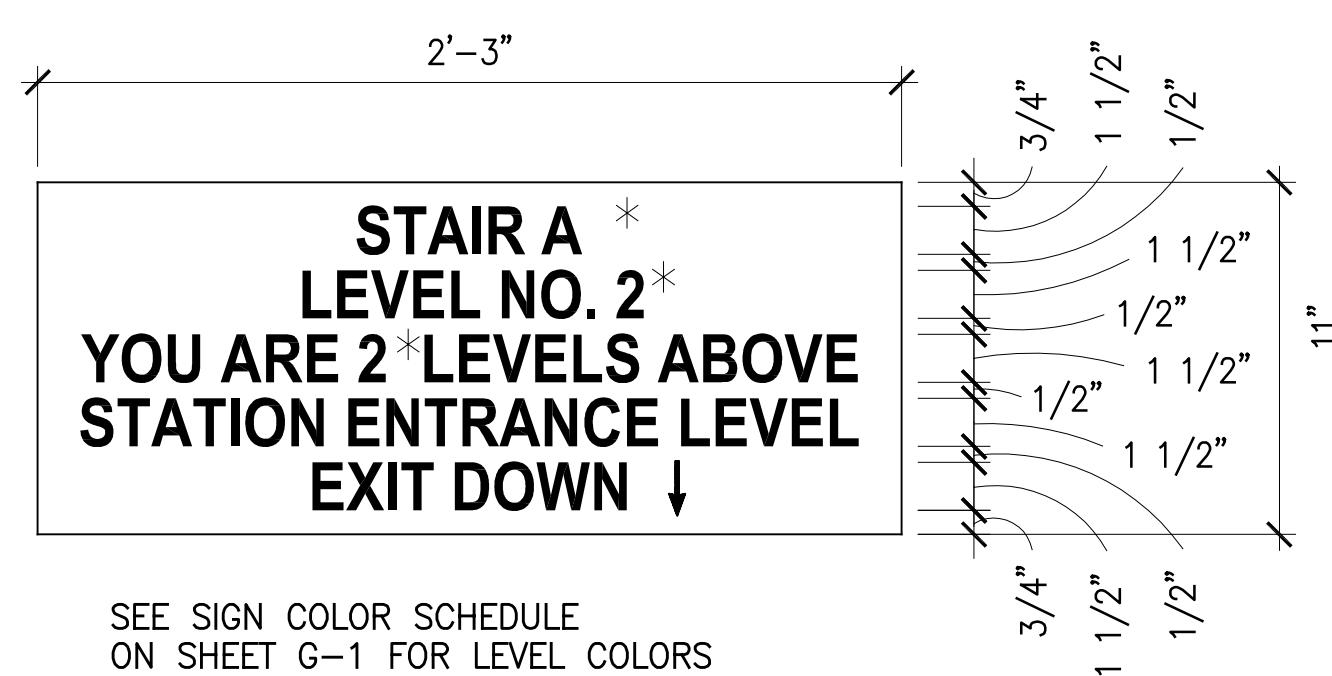
- GENERAL NOTES:
- SIGN IS 5" X 8".
  - BACKGROUND: WHITE  
LETTERS: BLACK  
SYMBOLS: BLACK



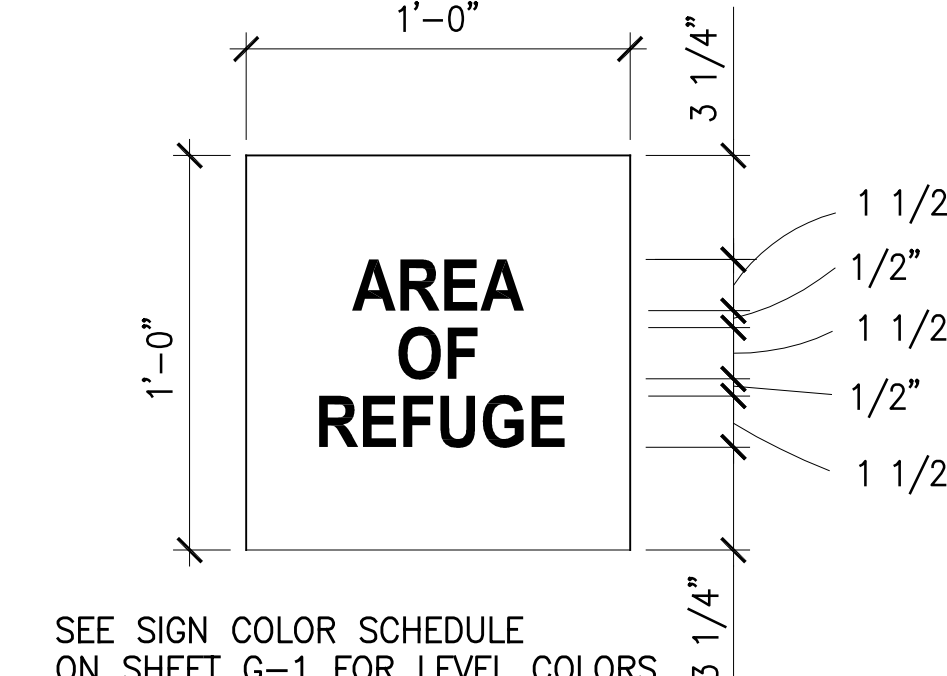
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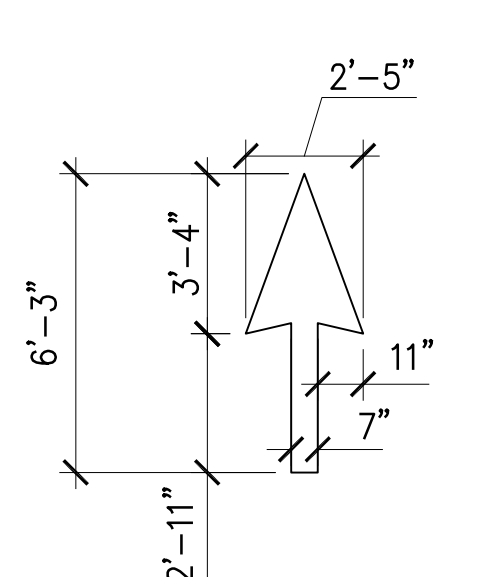
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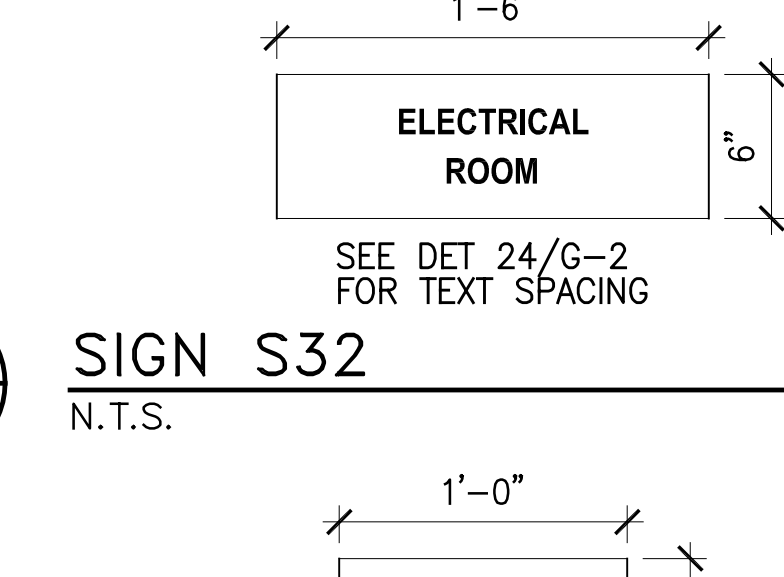
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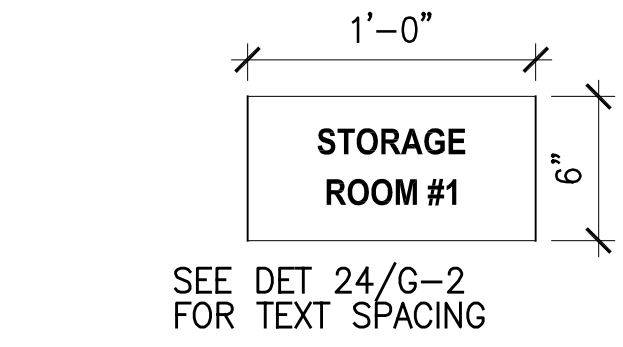
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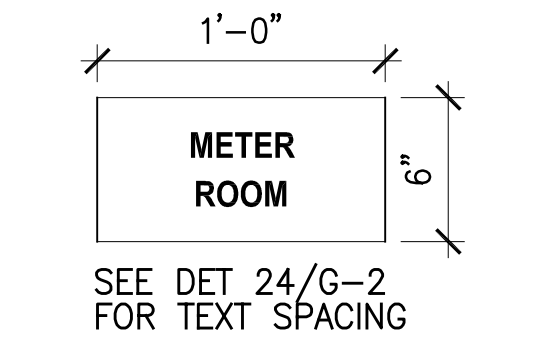
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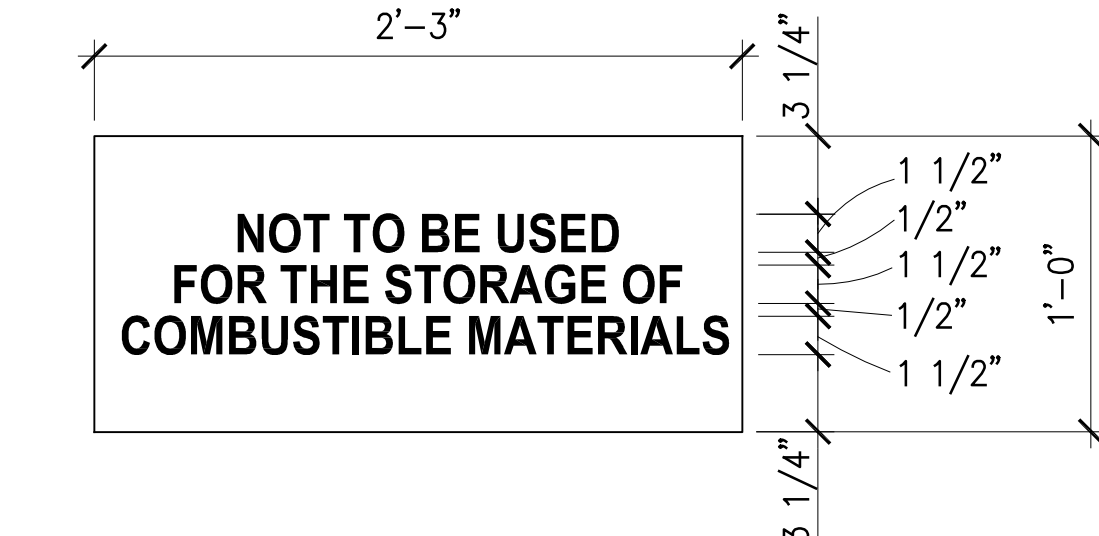
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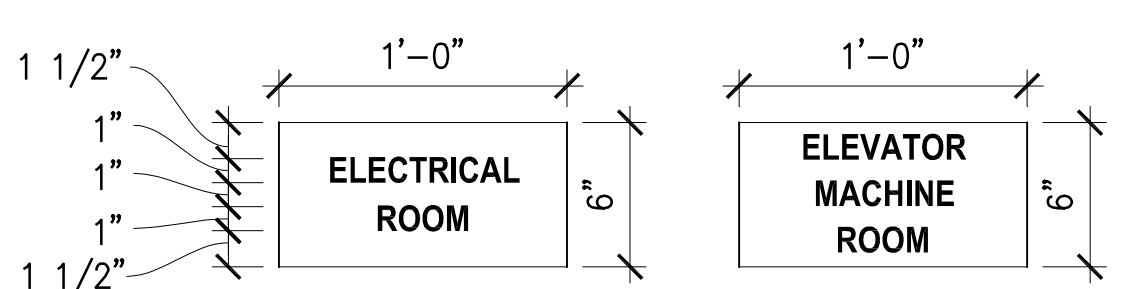
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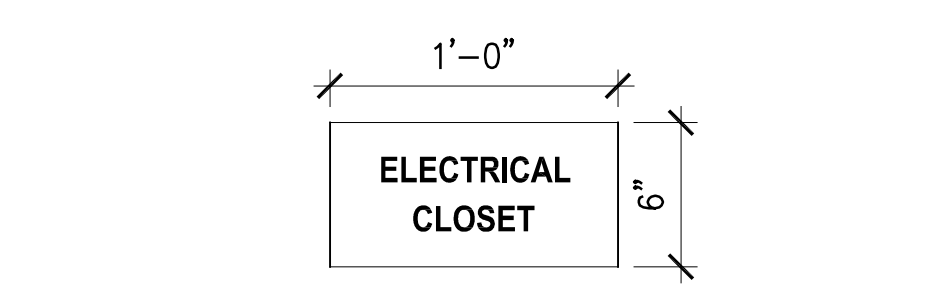
SIGN S33  
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SIGN S34  
N.T.S.



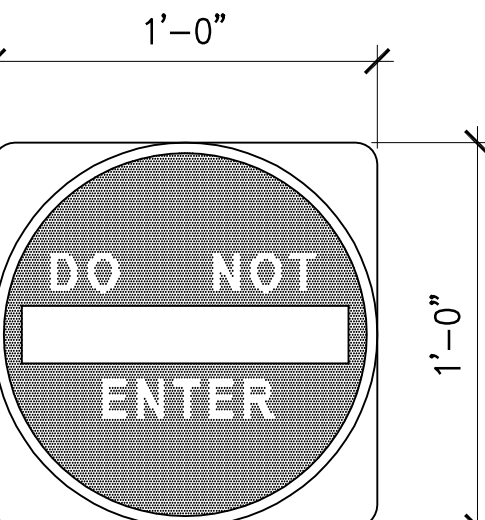
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N.T.S.



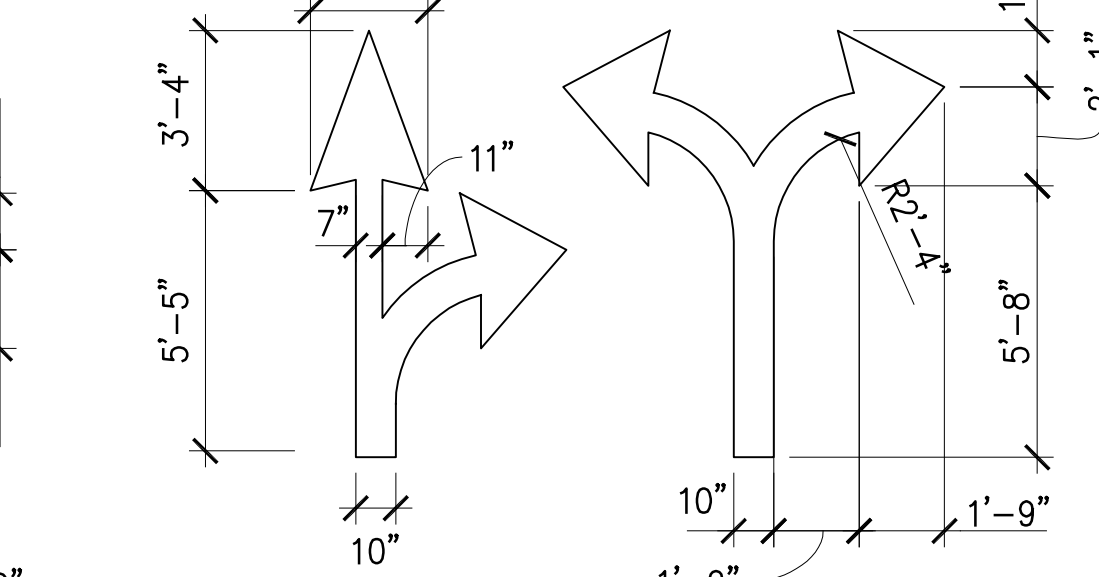
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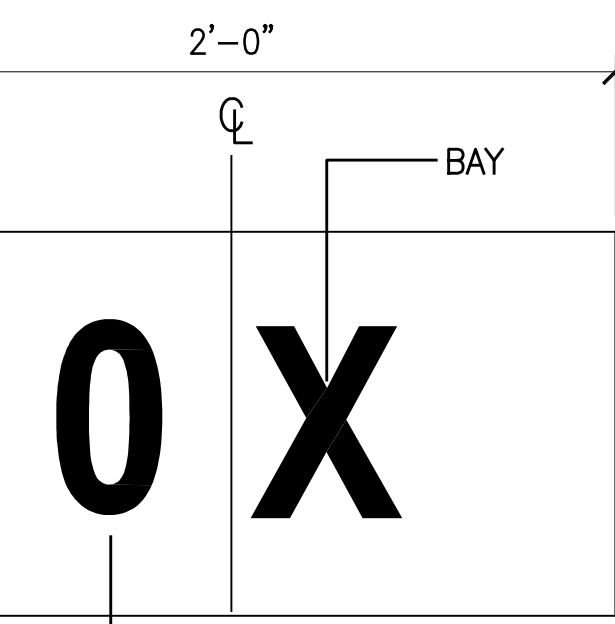
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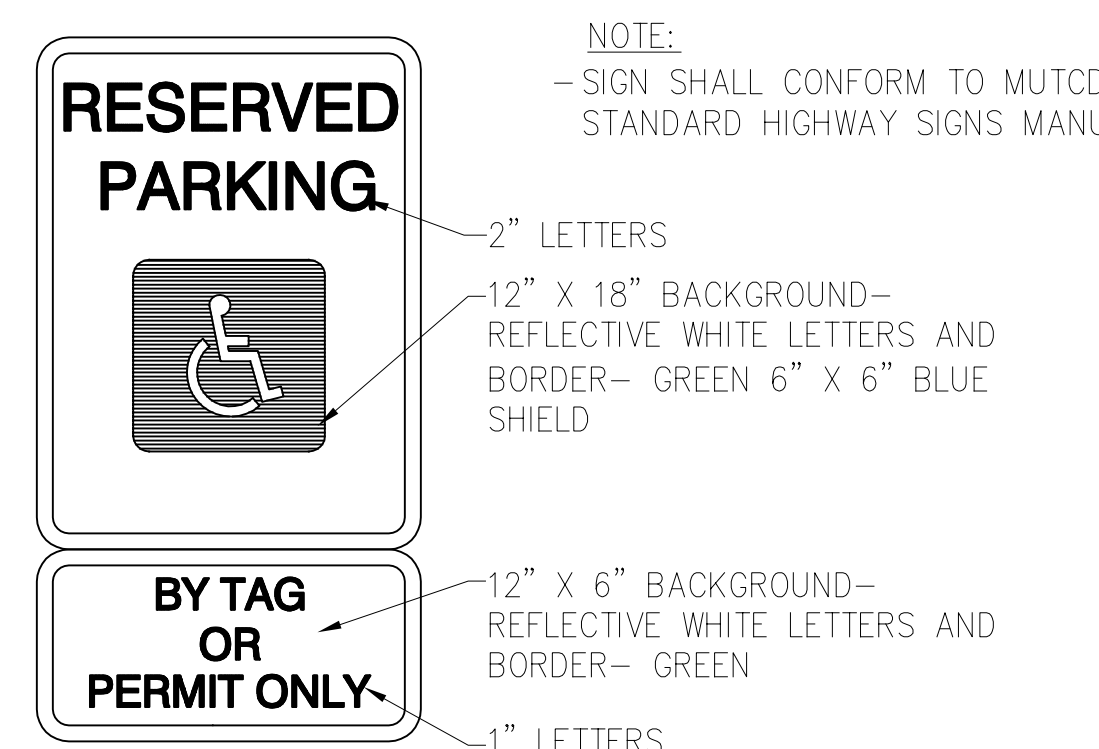
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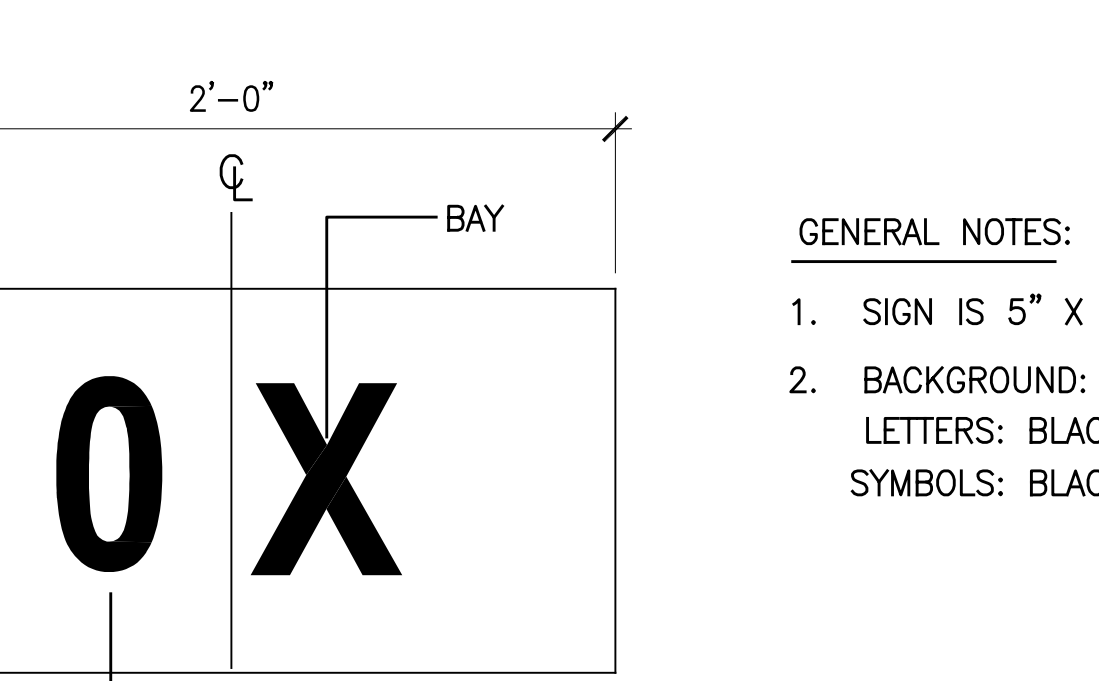
DIRECTIONAL ARROW DETAILS  
N.T.S.



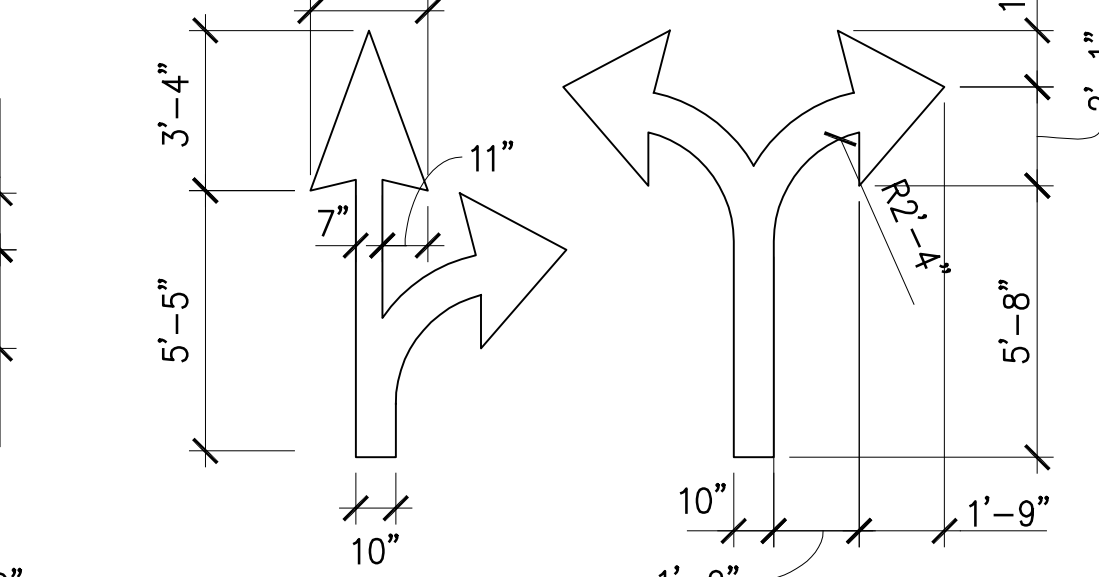
SIGN S42  
N.T.S.



SIGN S43  
N.T.S.

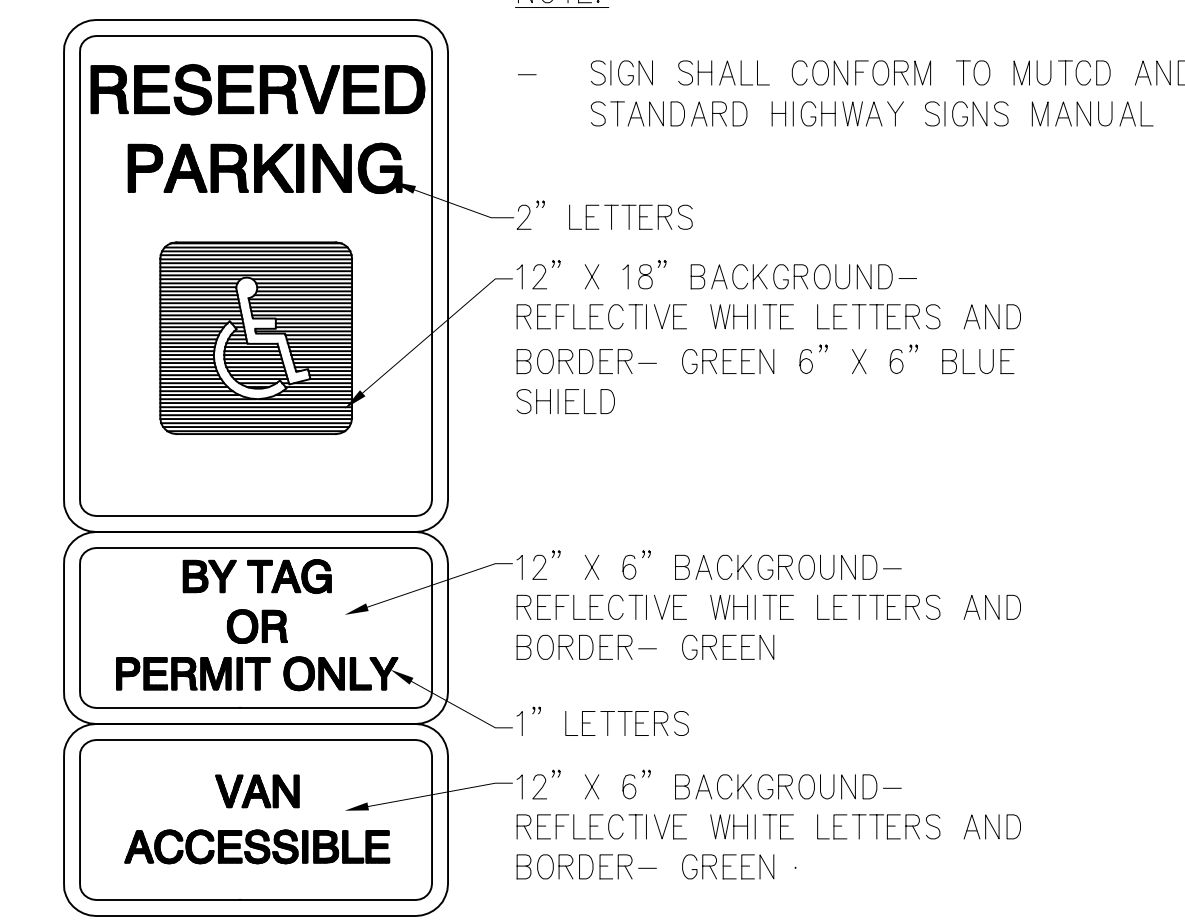


SIGN S44  
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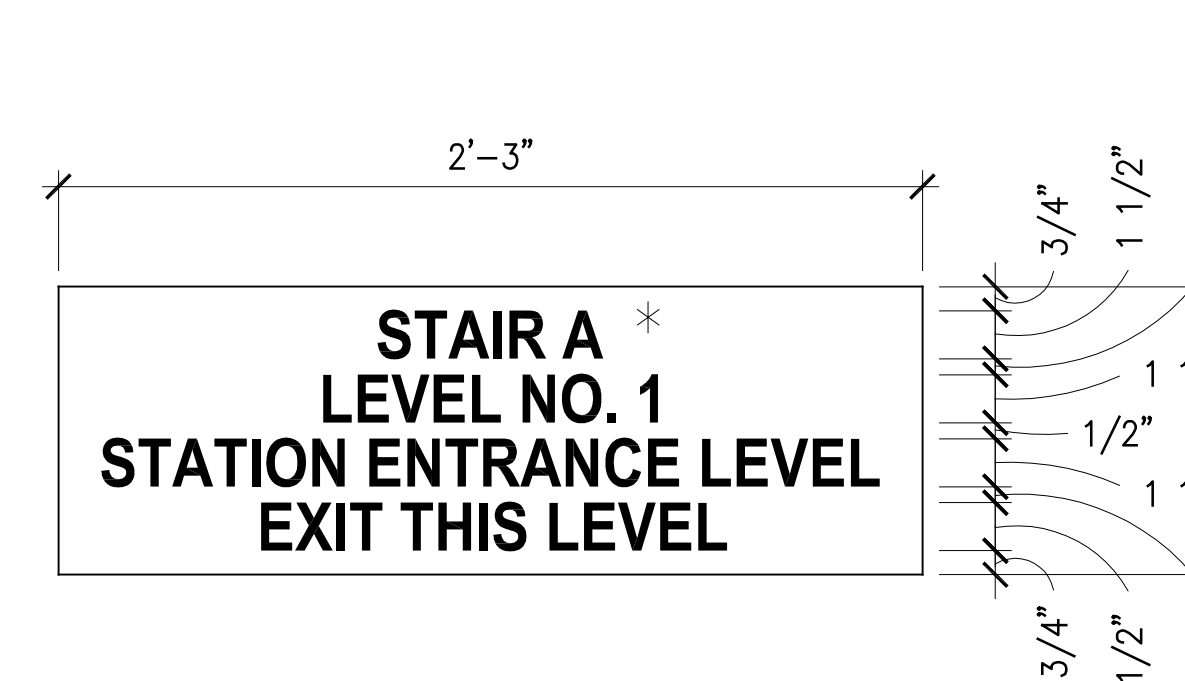


SIGN S45  
N.T.S.

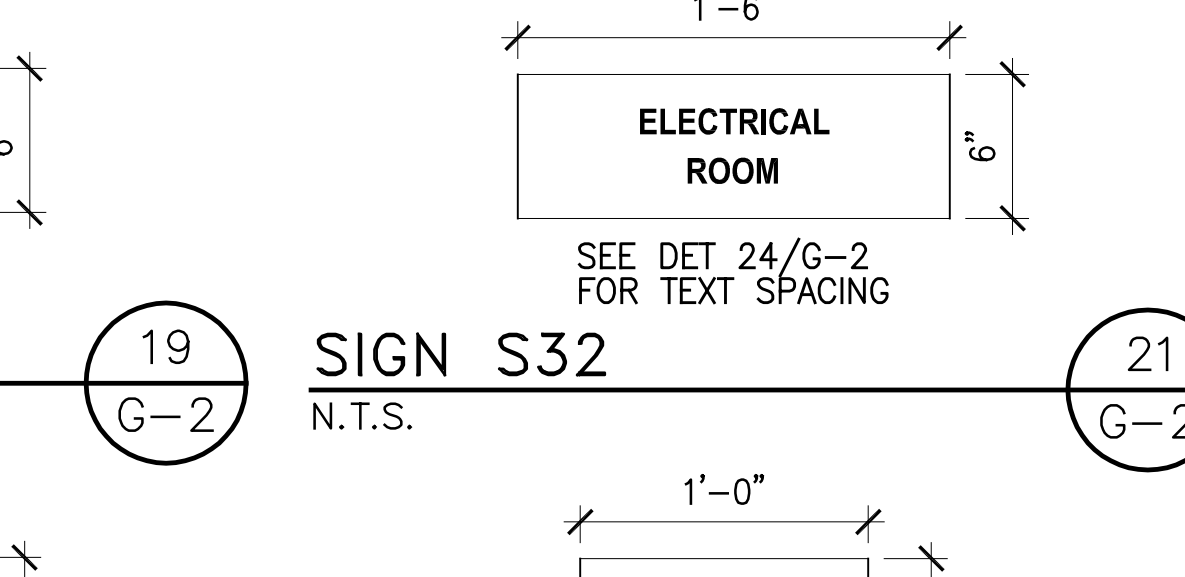
SIGN S46  
N.T.S.



SIGN S47  
N.T.S.



SIGN S48  
N.T.S.



SIGN S49  
N.T.S.

GRAPHICS DETAILS

SHEET TITLE

DES: MH DRW: REB CHK: MH

**WALKER**  
100 Fox Falls Corp. Center  
Suite 310  
West Conshohocken, Pa 19380  
(610) 940-5800 Fax  
(610) 940-5808 Fax

PROJECT NO. 14-2773.00

**G-2**  
SHEET NO.

INITIAL APPO

REVISION / RELEASE

DATE

MARK

ISSUED FOR PERMIT

12/3/99

ISSUED FOR BID

9/22/06

RECORD SET

REVISION / RELEASE

DATE

MARK

ISSUED FOR PERMIT

12/3/99

ISSUED FOR BID

9/22/06

RECORD SET

REVISION / RELEASE

DATE

MARK

ISSUED FOR PERMIT

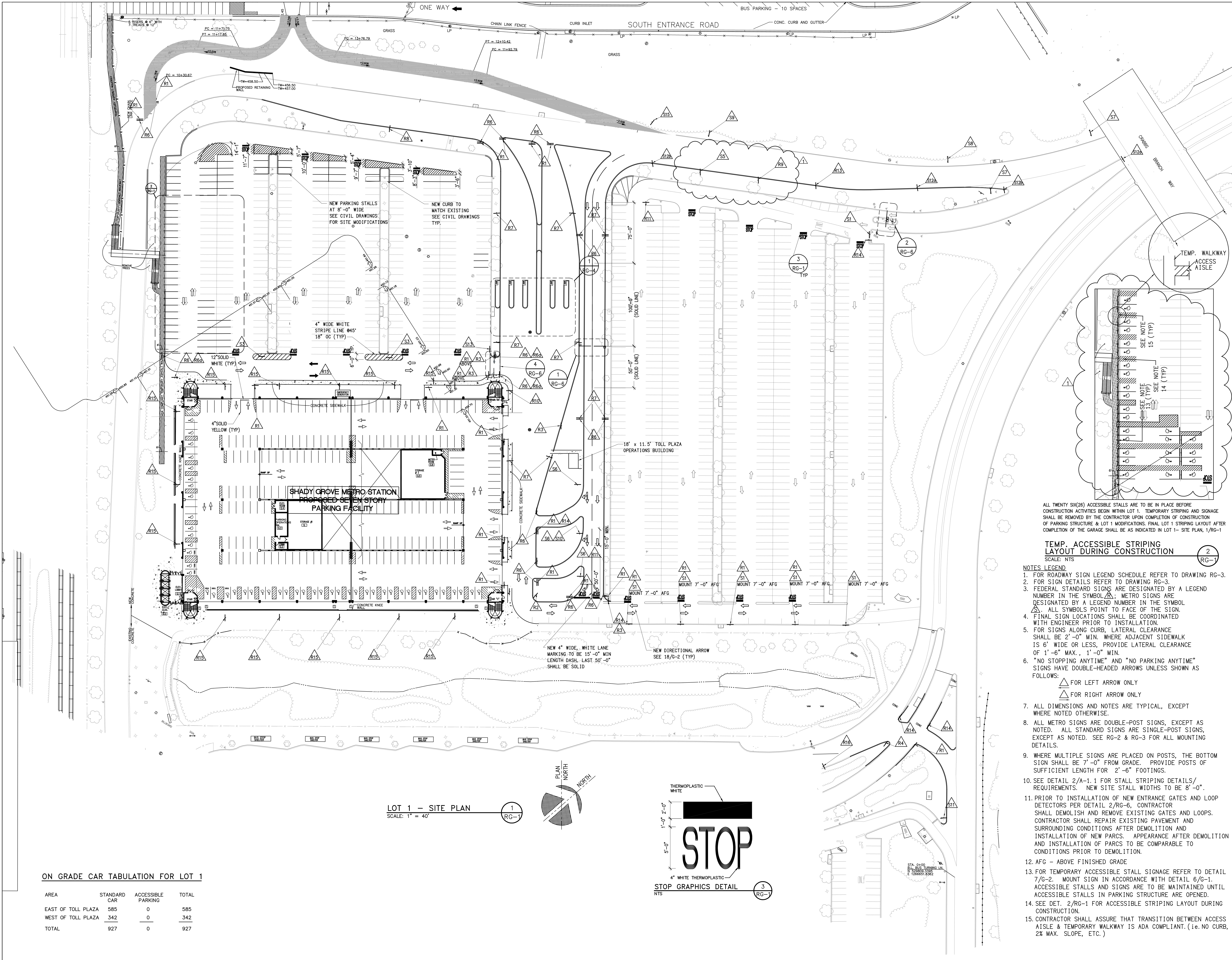
12/3/99

ISSUED FOR BID

9/22/06

RECORD SET



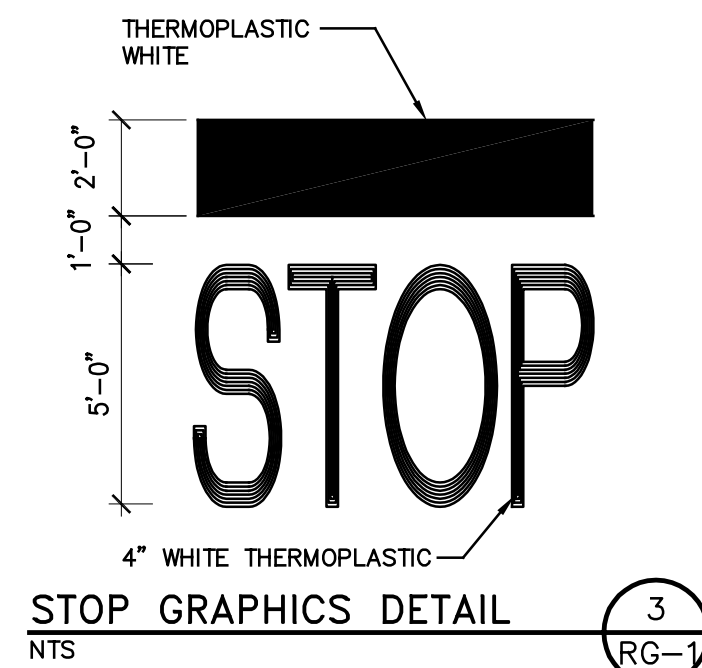


ON GRADE CAR TABULATION FOR LOT 1

AREA	STANDARD CAR	ACCESSIBLE PARKING	TOTAL
EAST OF TOLL PLAZA	585	0	585
WEST OF TOLL PLAZA	342	0	342
TOTAL	927	0	927

LOT 1 - SITE PLAN  
SCALE: 1" = 40'

1  
RG-1



3  
RG-1

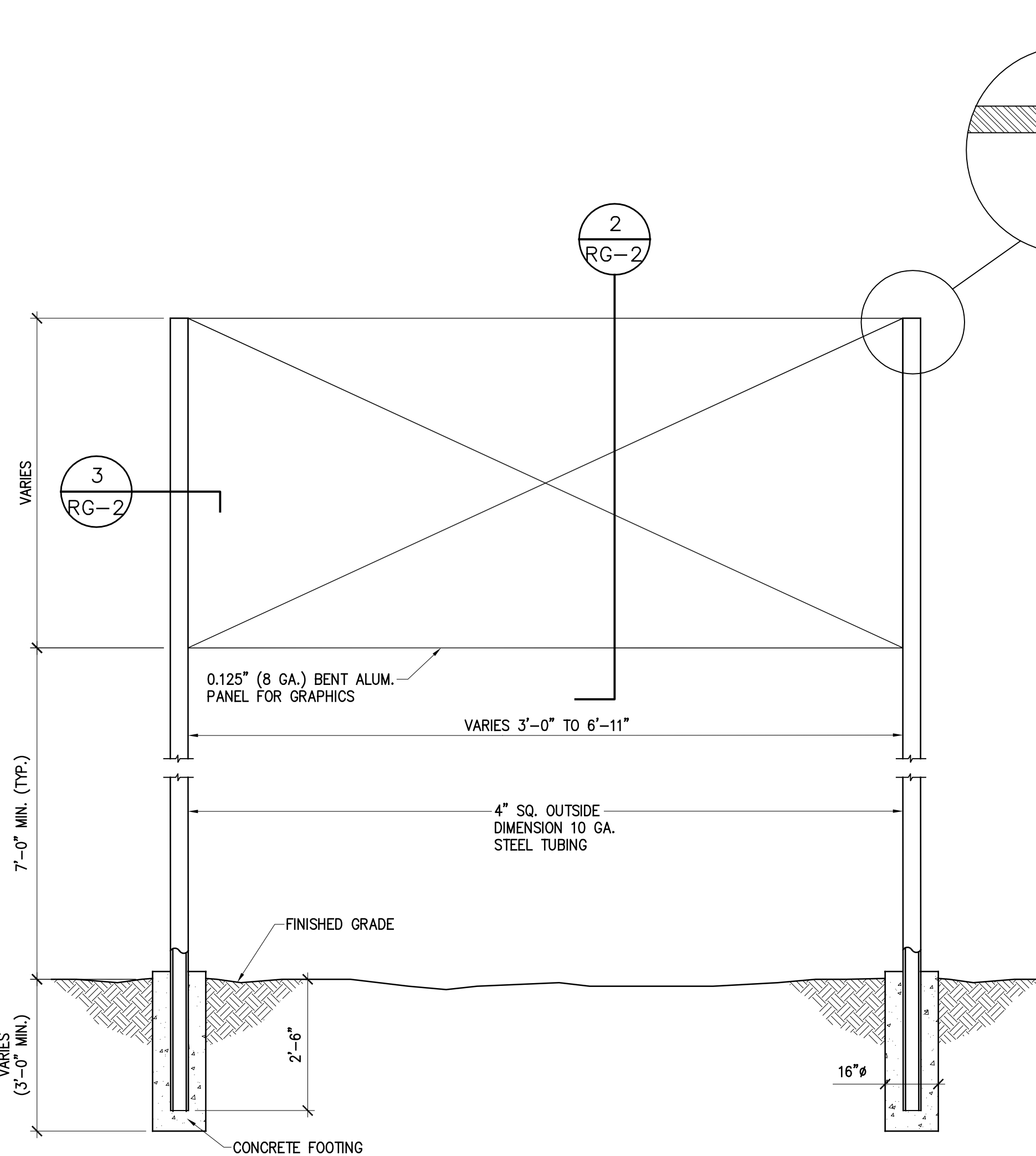
- ALL TWENTY SIX(26) ACCESSIBLE STALLS ARE TO BE IN PLACE BEFORE CONSTRUCTION ACTIVITIES BEGIN WITHIN LOT 1. TEMPORARY STRIPING AND SIGNAGE SHALL BE REMOVED BY THE CONTRACTOR UPON COMPLETION OF CONSTRUCTION OF PARKING STRUCTURE & LOT 1 MODIFICATIONS. FINAL LOT 1 STRIPING LAYOUT AFTER COMPLETION OF THE GARAGE SHALL BE AS INDICATED IN LOT 1- SITE PLAN, 1/RC-1
- TEMP. ACCESSIBLE STRIPING LAYOUT DURING CONSTRUCTION**  
SCALE: NTS
- NOTES LEGEND**
- FOR ROADWAY SIGN LEGEND SCHEDULE REFER TO DRAWING RG-3.
  - FOR SIGN DETAILS REFER TO DRAWING RG-3.
  - FEDERAL STANDARD SIGNS ARE DESIGNATED BY A LEGEND NUMBER IN THE SYMBOL ; METRO SIGNS ARE DESIGNATED BY A LEGEND NUMBER IN THE SYMBOL . ALL SYMBOLS POINT TO FACE OF THE SIGN.
  - FINAL SIGN LOCATIONS SHALL BE COORDINATED WITH ENGINEER PRIOR TO INSTALLATION.
  - FOR SIGNS ALONG CURB, LATERAL CLEARANCE SHALL BE 2'-0" MIN. WHERE ADJACENT SIDEWALK IS 6' WIDE OR LESS, PROVIDE LATERAL CLEARANCE OF 1'-6" MAX., 1'-0" MIN.
  - "NO STOPPING ANYTIME" AND "NO PARKING ANYTIME" SIGNS HAVE DOUBLE-HEADED ARROWS UNLESS SHOWN AS FOLLOWS:  
 FOR LEFT ARROW ONLY  
 FOR RIGHT ARROW ONLY
  - ALL DIMENSIONS AND NOTES ARE TYPICAL, EXCEPT WHERE NOTED OTHERWISE.
  - ALL METRO SIGNS ARE DOUBLE-POST SIGNS, EXCEPT AS NOTED. ALL STANDARD SIGNS ARE SINGLE-POST SIGNS, EXCEPT AS NOTED. SEE RG-2 & RG-3 FOR ALL MOUNTING DETAILS.
  - WHERE MULTIPLE SIGNS ARE PLACED ON POSTS, THE BOTTOM SIGN SHALL BE 7'-0" FROM GRADE. PROVIDE POSTS OF SUFFICIENT LENGTH FOR 2'-6" FOOTINGS.
  - SEE DETAIL 2/A-1.1 FOR STALL STRIPING DETAILS/ REQUIREMENTS. NEW SITE STALL WIDTHS TO BE 8'-0".
  - PRIOR TO INSTALLATION OF NEW ENTRANCE GATES AND LOOP DETECTORS PER DETAIL 2/RC-6, CONTRACTOR SHALL DEMOLISH AND REMOVE EXISTING GATES AND LOOPS. CONTRACTOR SHALL REPAIR EXISTING PAVEMENT AND SURROUNDING CONDITIONS AFTER DEMOLITION AND INSTALLATION OF NEW PARCS. APPEARANCE AFTER DEMOLITION AND INSTALLATION OF PARCS TO BE COMPARABLE TO CONDITIONS PRIOR TO DEMOLITION.
  - AFG - ABOVE FINISHED GRADE
  - FOR TEMPORARY ACCESSIBLE STALL SIGNAGE REFER TO DETAIL 7/G-2. MOUNT SIGN IN ACCORDANCE WITH DETAIL 6/G-1. ACCESSIBLE STALLS AND SIGNS ARE TO BE MAINTAINED UNTIL ACCESSIBLE STALLS IN PARKING STRUCTURE ARE OPENED.
  - SEE DET. 2/RC-1 FOR ACCESSIBLE STRIPING LAYOUT DURING CONSTRUCTION.
  - CONTRACTOR SHALL ASSURE THAT TRANSITION BETWEEN ACCESS AISLE & TEMPORARY WALKWAY IS ADA COMPLIANT. (i.e. NO CURB, 2% MAX. SLOPE, ETC.)

SHEET TITLE	ROADWAY SIGNAGE	INITIAL	APPRO.
	SHADY GROVE METRO STATION PARKING FACILITY	REVISION / RELEASE	ADDENDUM #1
	DATE	01/31/00	MARK
DES: MH	DRW: REB	CHK: MH	
100 Fox Falls Corp. Center Suite 310 West Conshohocken, Pa. 19428 (610) 940-5800 fax (610) 940-5808 fax			
PROJECT NO.	14-2773.00		
RG-1 SHEET NO.			



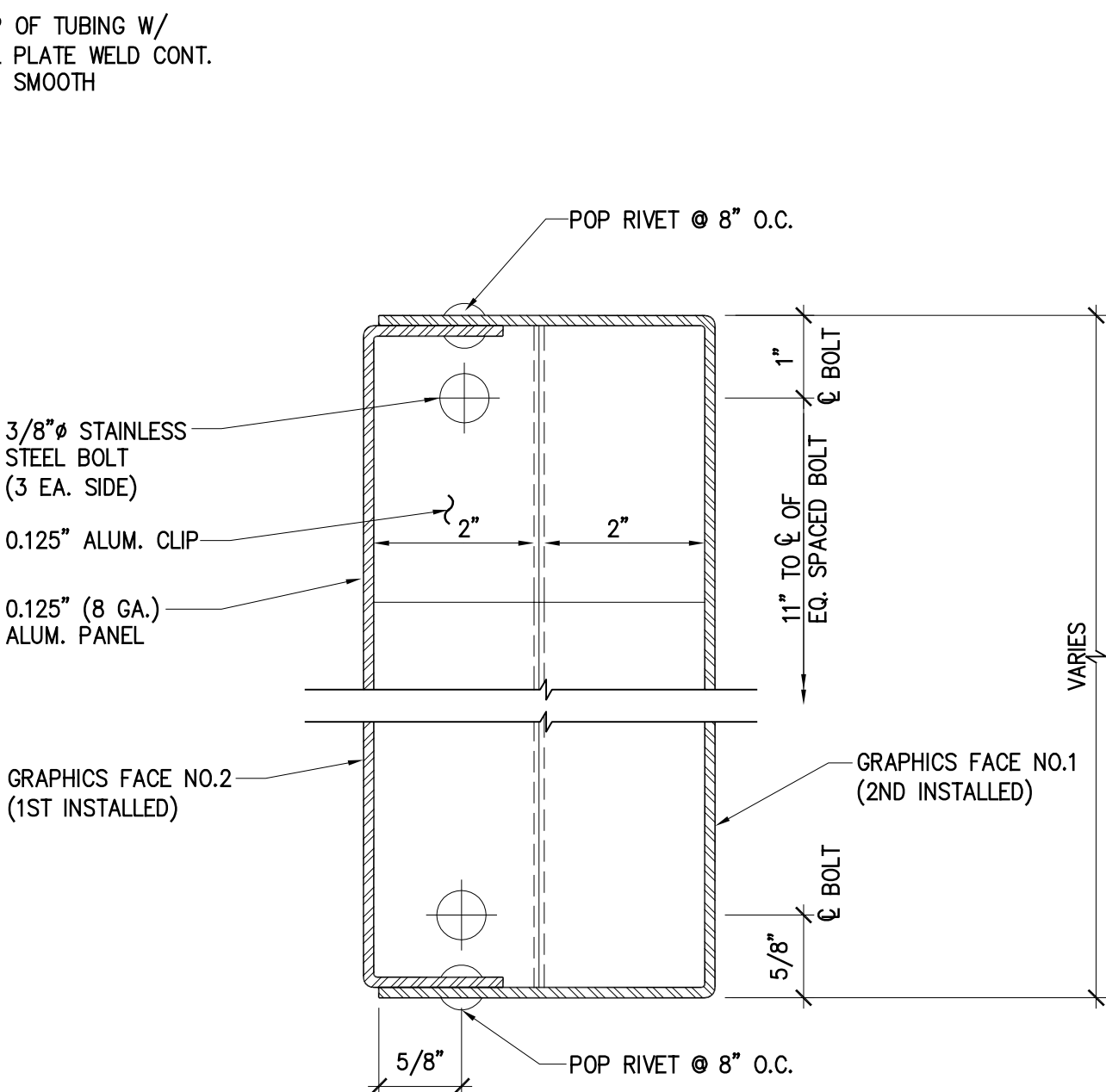






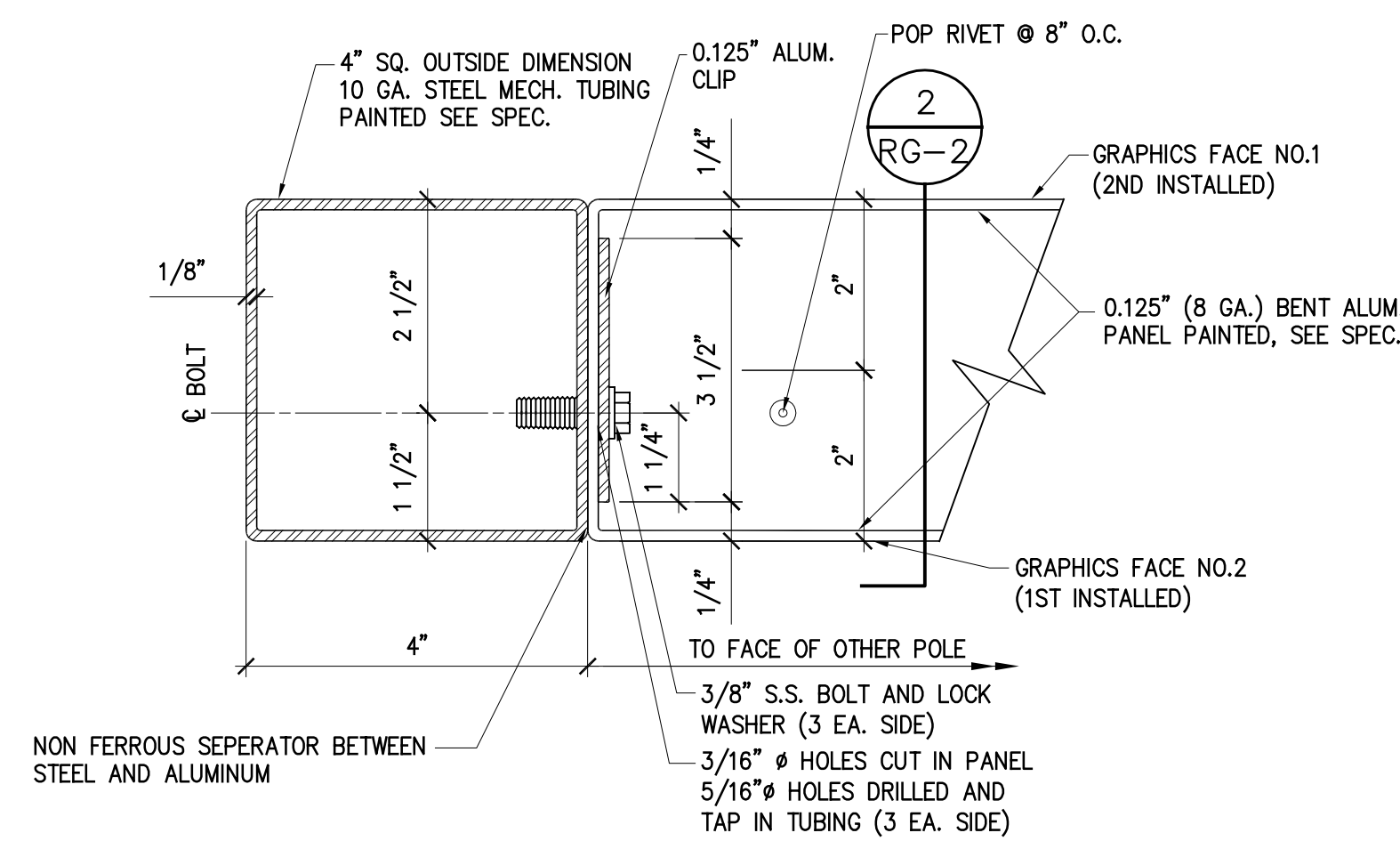
MOUNTING HEIGHT AND FOOTING DETAIL  
SCALE

1  
RG-2



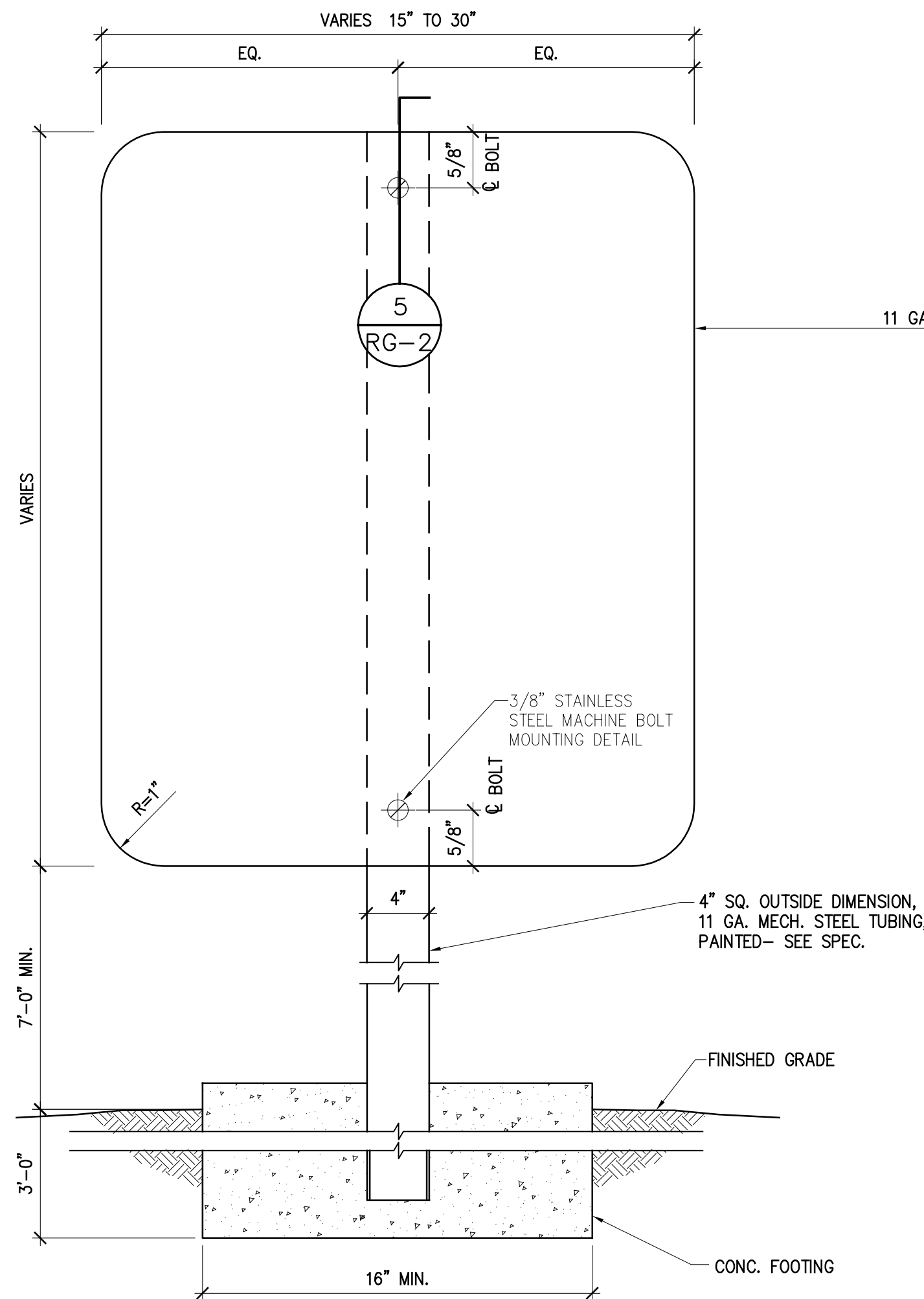
PANEL SECTION  
SCALE

2  
RG-2



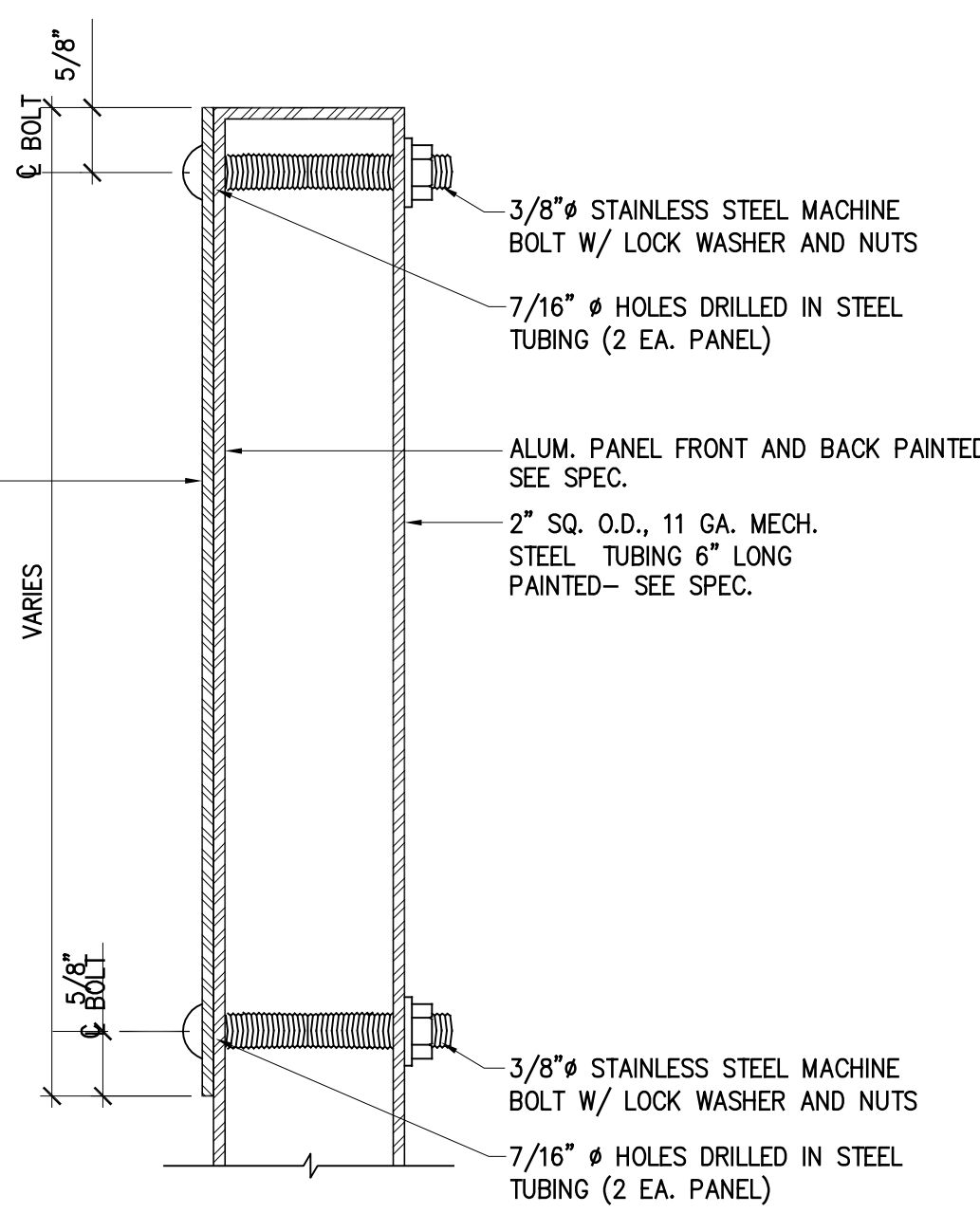
PANEL MOUNTING  
SCALE

3  
RG-2



MOUNTING HEIGHT, FOOTING, AND PANEL DETAILS  
SCALE

4  
RG-2

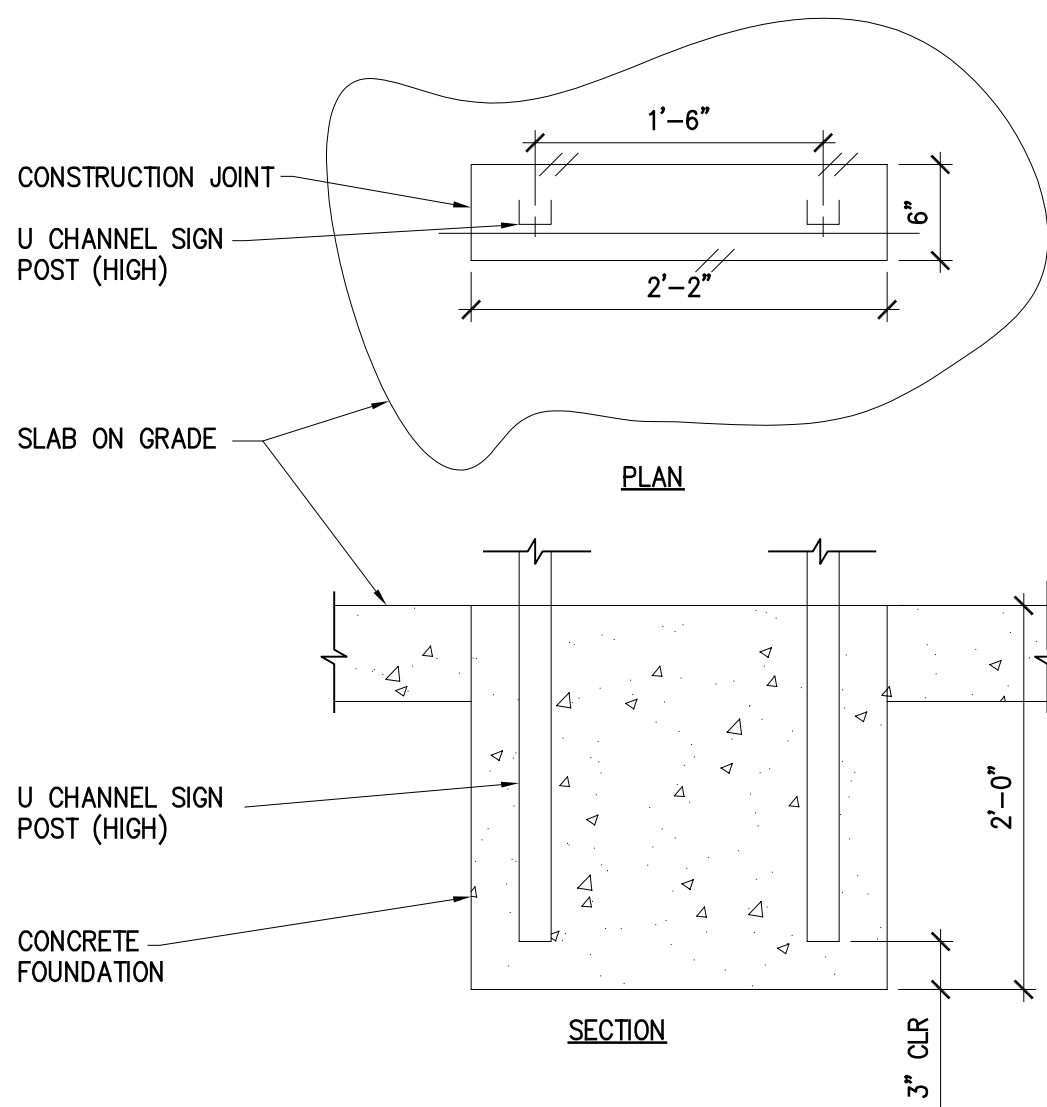


PANEL SECTION AND MOUNTING  
SCALE

5  
RG-2

POST SCHEDULE	
SIGN SIZE	NO. OF POSTS
LESS THAN 15"	1- 4" POST
GREATER THAN 15" TO 30"	1- 4" POST
GREATER THAN 30" TO 36"	2- 4" POSTS
GREATER THAN 36" TO 48"	2- 4" POSTS
GREATER THAN 48" TO 68"	2- 4" POSTS

SHEET NOTES:  
1. SIGN AND TUBING TO BE ASSEMBLED PRIOR TO INSTALLATION.  
2. ALL EXPOSED STEEL & ALL SURFACES OF ALUM. PANELS TO BE PAINTED. SEE SPECIFICATION FOR MATERIAL REQUIREMENTS.



DOUBLE CHANNEL SIGN POSTS  
N.T.S.

6  
RG-2

POST SCHEDULE AND MOUNTING DETAILS

SHEET  
TITLE

DES: MH DRW: REB CHK: MH

**WALKER**  
PARKING CONSULTANTS  
100 Fox Falk Corp. Center  
Suite 310  
West Conshohocken, Pa. 19380  
(610) 940-5800 Ph.  
(610) 940-5808 Fax

PROJECT  
NO. 14-2773.00

**RG-2**  
SHEET NO.

**SHADY GROVE METRO STATION**  
PARKING FACILITY  
ROCKVILLE, MD PARCEL 495 LIBER 4499/FOLIO 180

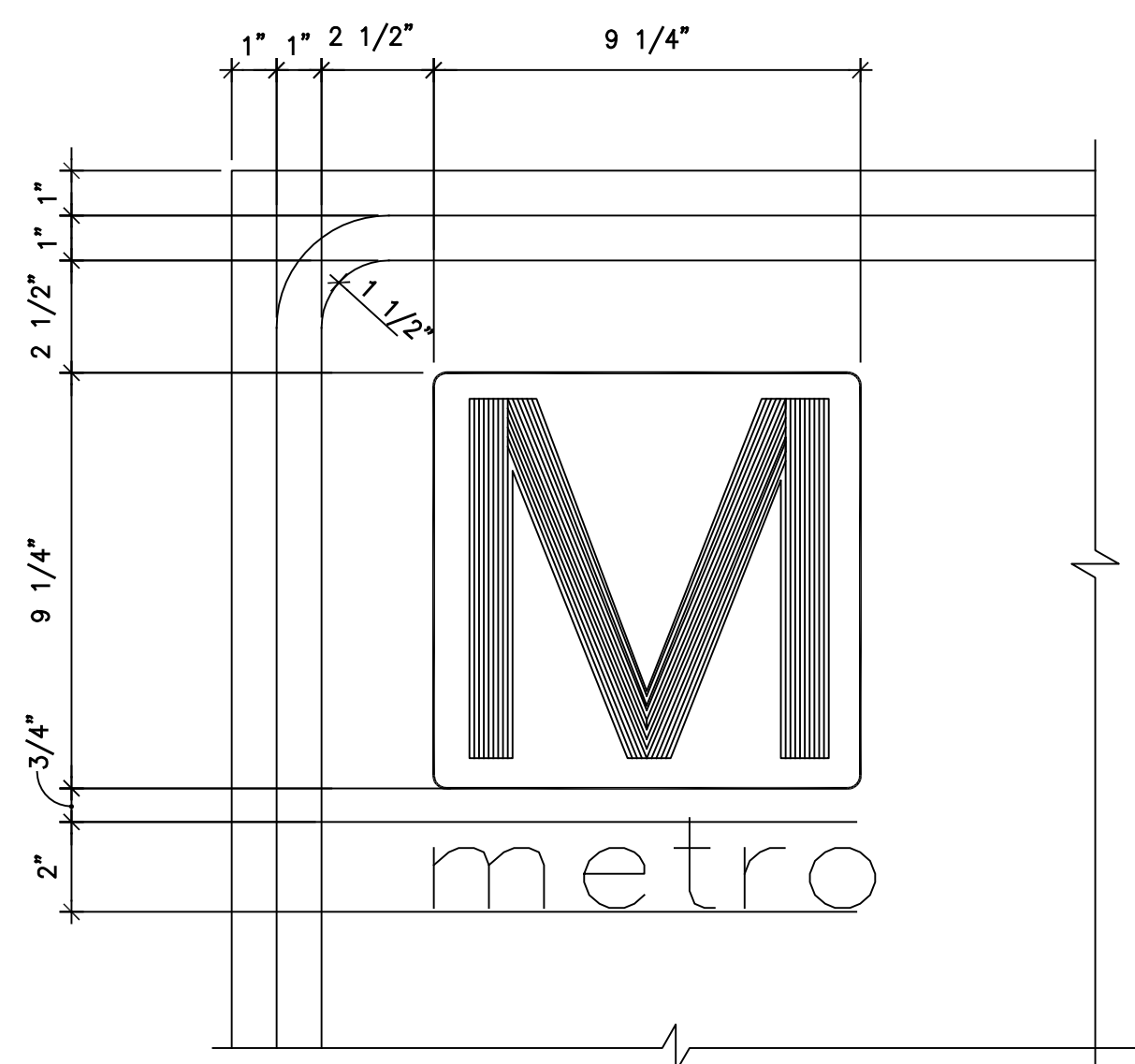
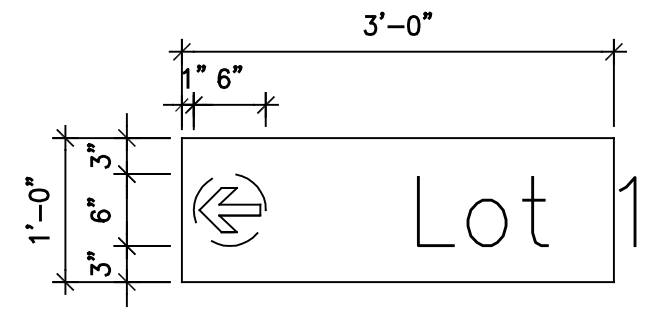
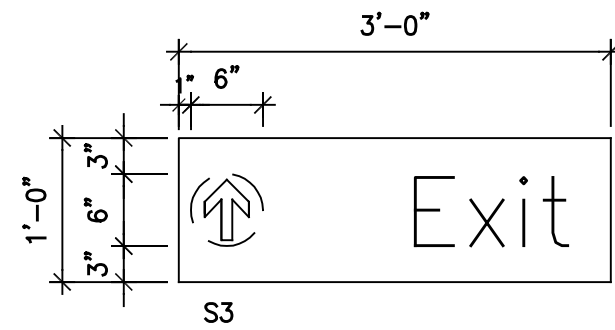
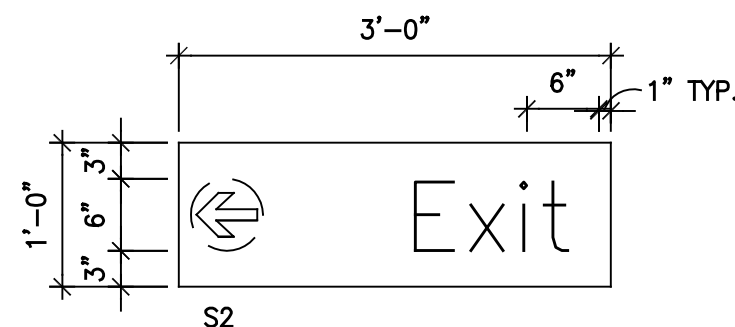
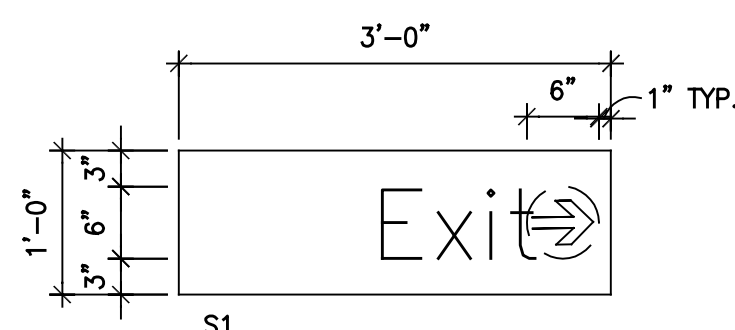
REVISION / RELEASE  
ISSUED FOR PERMIT  
ISSUED FOR BID  
RECORD SET

DATE  
7/28/99  
12/3/99  
9/22/06

MARK

INITIAL APPO.

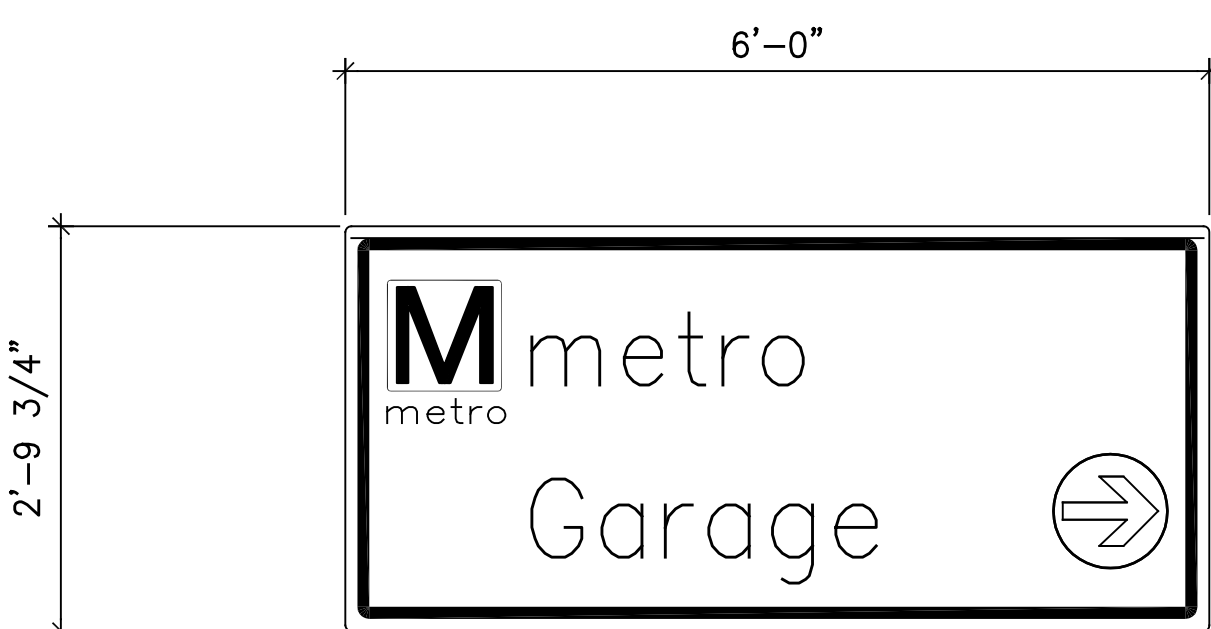
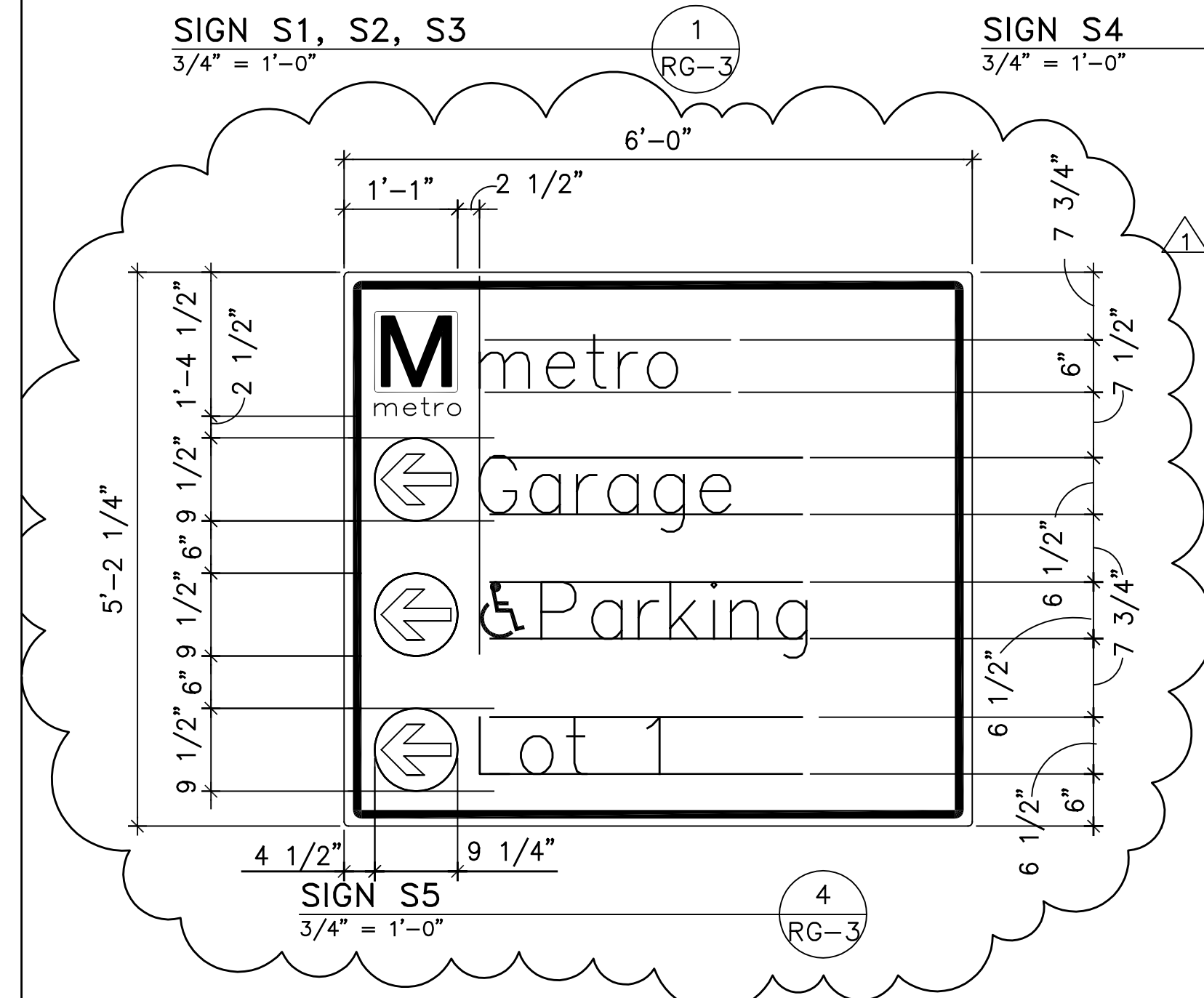




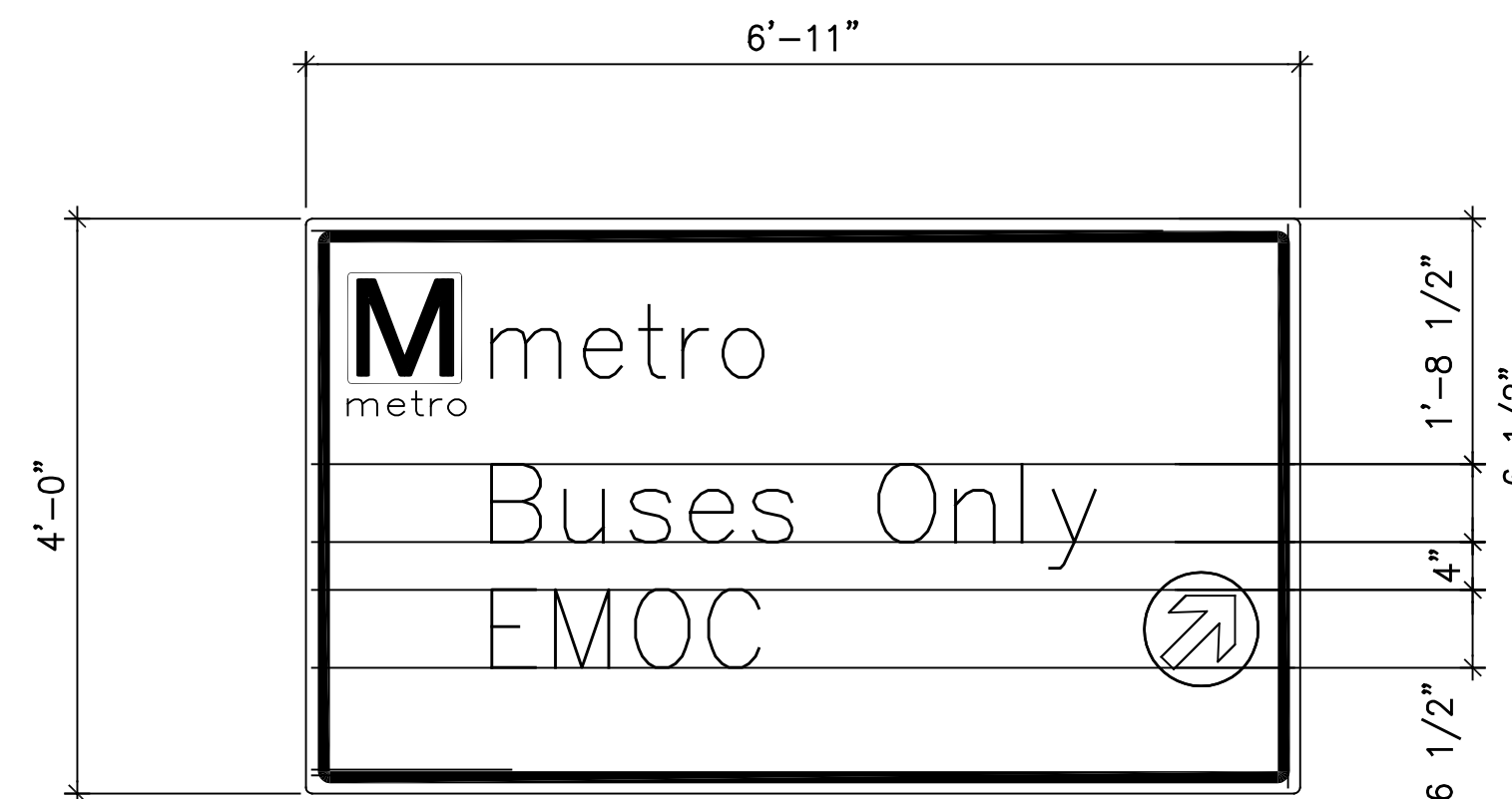
SIGN S1, S2, S3  
3/4" = 1'-0"

SIGN S4  
3/4" = 1'-0"

DETAIL  
3" = 1'-0"



SIGN S6  
3/4" = 1'-0"



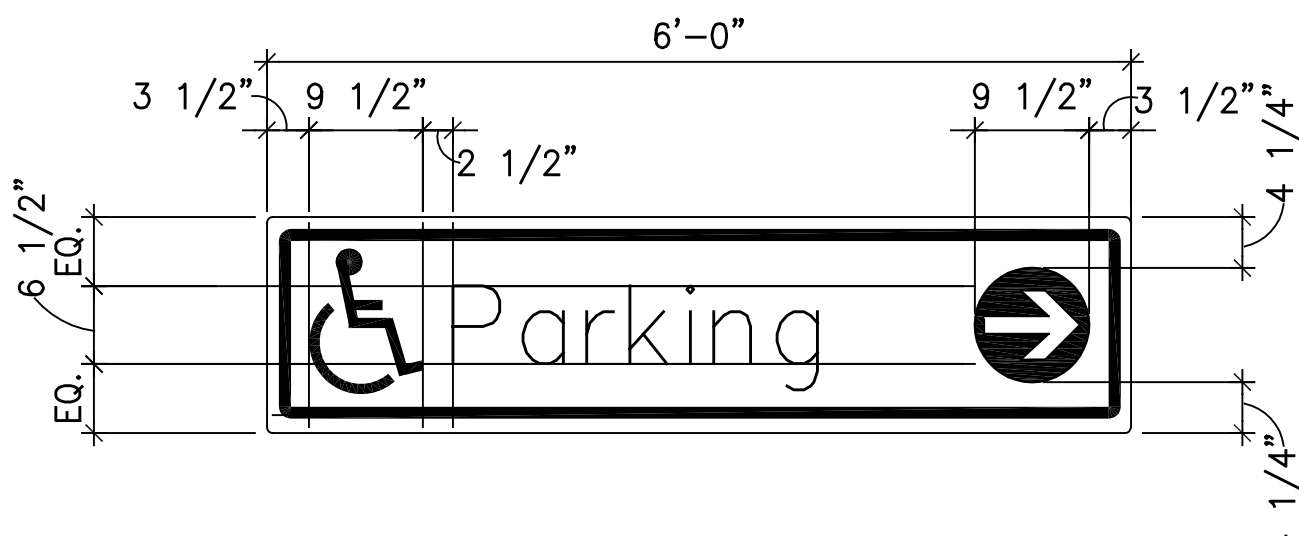
SIGN S9  
3/4" = 1'-0"



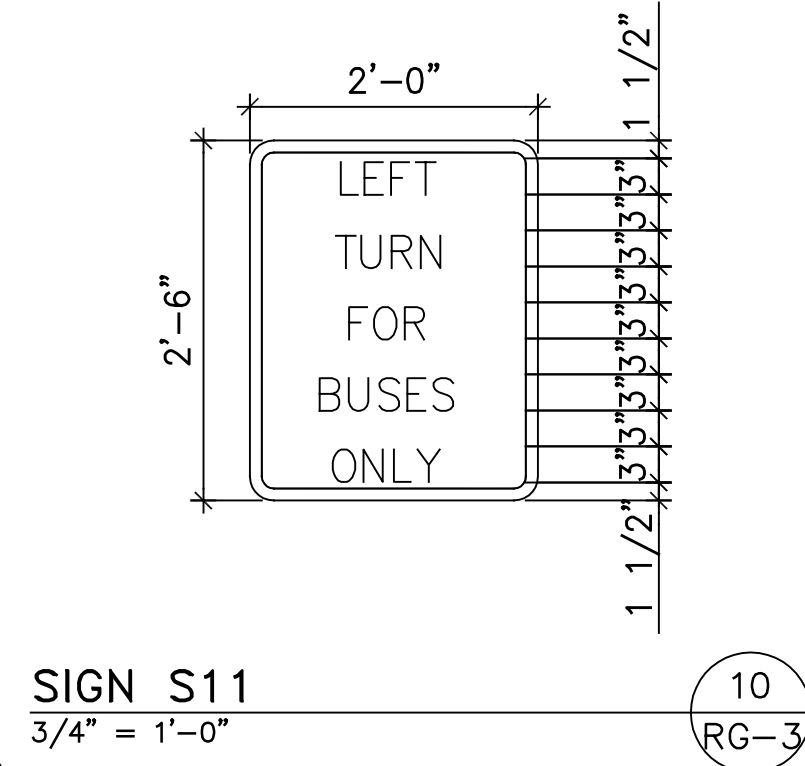
SIGN S8  
3/4" = 1'-0"



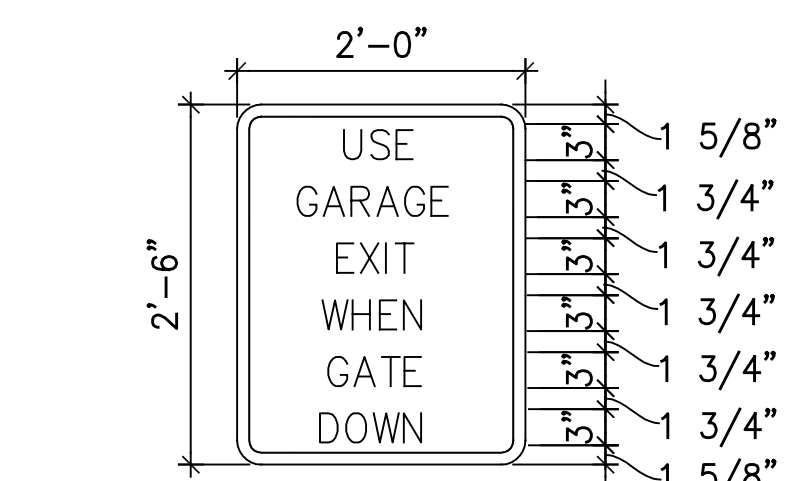
SIGN S10  
3/4" = 1'-0"



SIGN S10  
3/4" = 1'-0"



SIGN S11  
3/4" = 1'-0"



SIGN S13  
3/4" = 1'-0"

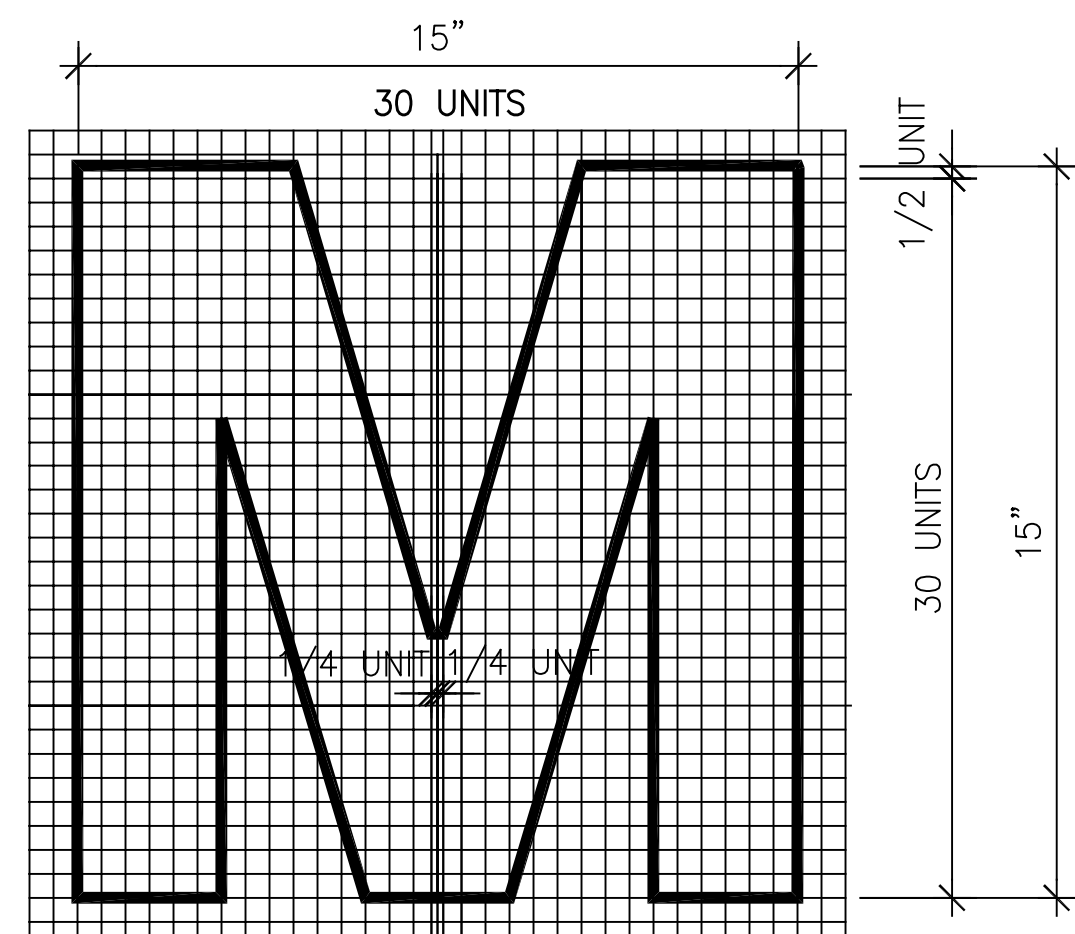
### STANDARD UTCD SIGN SCHEDULE

THE FOLLOWING REGULATORY & WARNING SIGNS SHALL CONFORM TO THE DESIGN STANDARDS SET FORTH IN SECTIONS 2B & 2C OF "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS-1978".

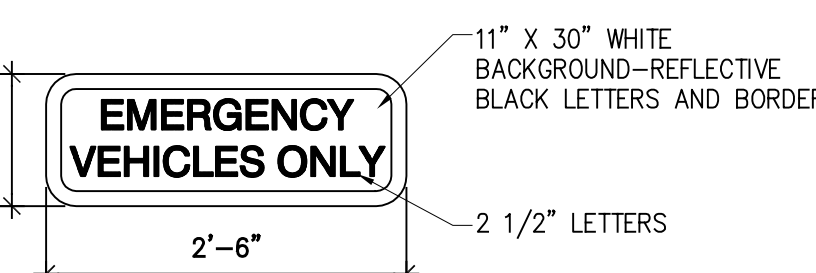
SIGN NO.	SIGN	TYPE	SIZE	REMARKS
R1	STOP	R1-1	30"x30"	
R2	KEEP RIGHT	R4-7	24"x30"	
R3	< ONE WAY	R6-1L	36"x12"	
R6	DO NOT ENTER	R5-1	30"x30"	
R6a	EMERGENCY VEHICLES ONLY	*	11"x30"	* SEE DETAIL 10/RG-3
R7	NO PARKING ANYTIME	R7-100	12"x18"	
R8	Merge	W9-2R	30"x30"	
R9	LEFT LANE MUST TURN LEFT	R3-7L	30"x30"	
R10	NO LEFT TURN	R3-2	30"x30"	
R11	RIGHT TURN ONLY	R3-5R	30"x36"	
R13	LEFT LANE TURN	R3-8L	30"x30"	
R14	NO RIGHT TURN	R3-1	30"x30"	
R15	NO PARKING FIRE LANE	R8-31	12"x18"	
R16	YIELD	R1-2	36"	

#### NOTES:

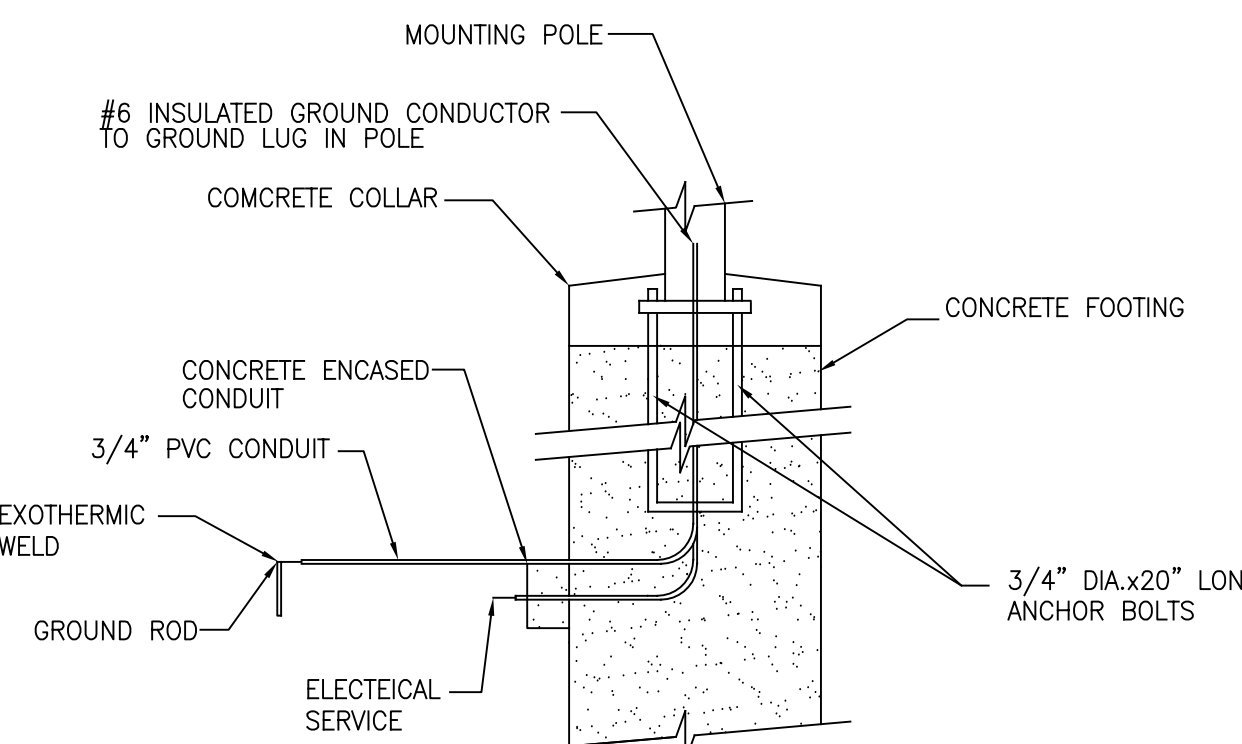
- ALL TEXT AND THE METRO LOGO TO BE REFLECTIVE WHITE-3M "SCOTCHLITE", (UNLESS NOTED OTHERWISE) HELVETICA MEDIUM, UPPER AND LOWER CASE AS SHOWN
- MOUNT STANDARD UTCD SIGNS 8'-0" HIGH, MEASURED TO FINISH GRADE.
- REFER TO DRAWING G-1 FOR COLOR'S CORRESPONDING NUMBERS.



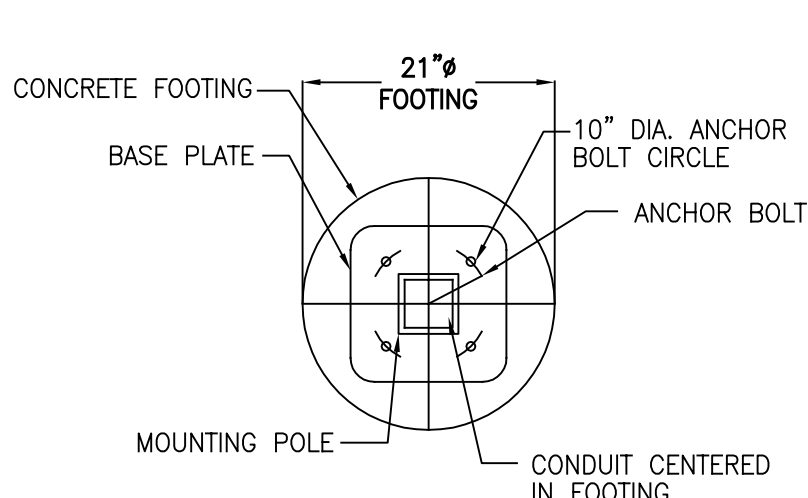
M SYMBOL  
3" = 1'-0"



SIGN R6a  
3/4" = 1'-0"



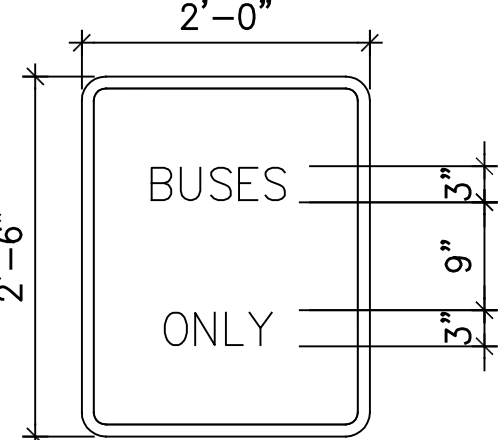
BASE DETAIL  
N.T.S.



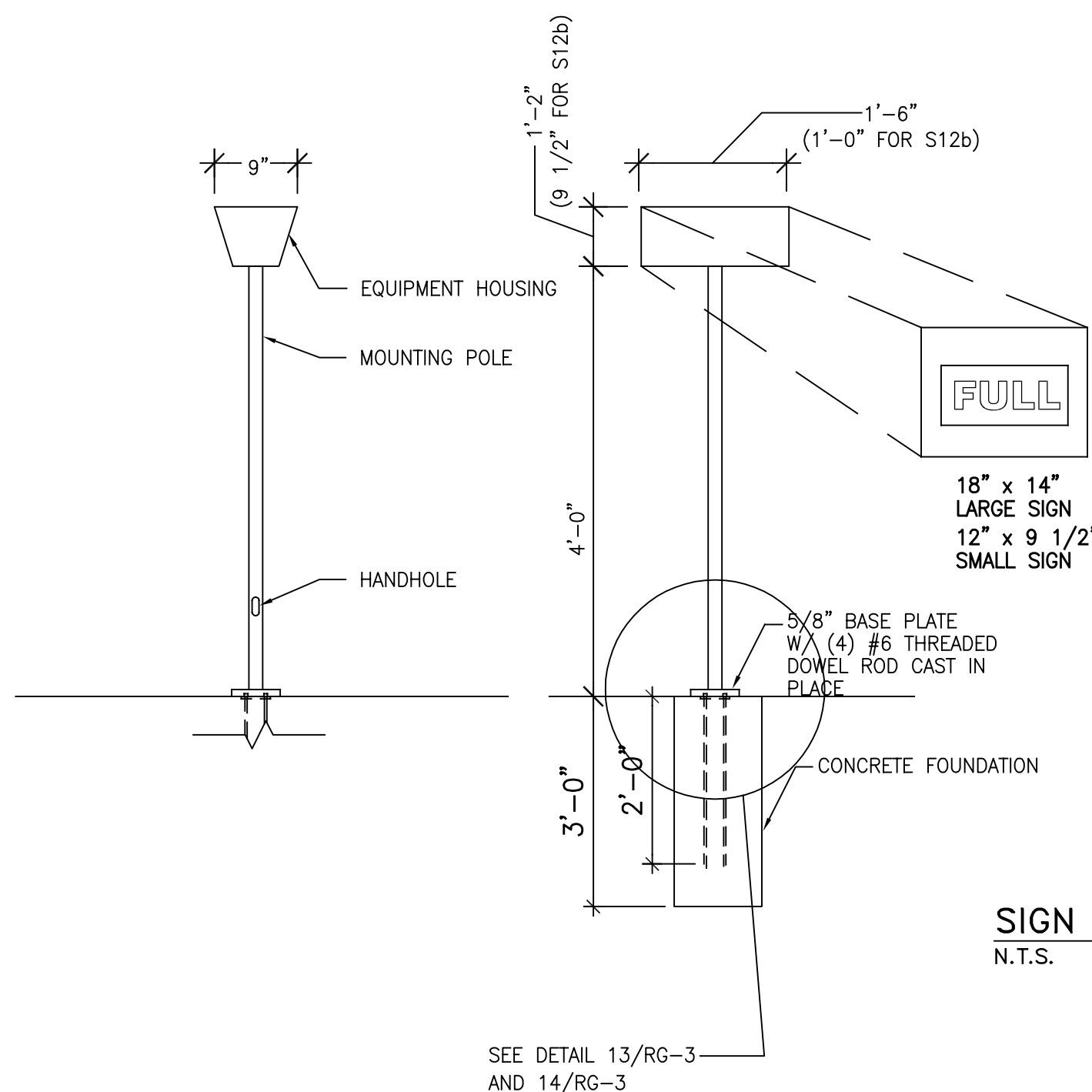
BASE PLAN  
N.T.S.



SIGN S14  
N.T.S.



SIGN S15  
3/4" = 1'-0"



SIGN S12a, S12b  
N.T.S.

