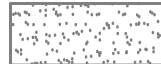







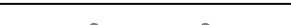

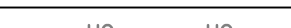
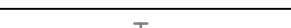
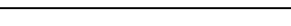
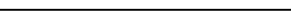
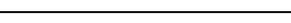







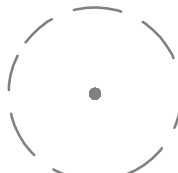
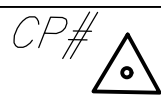


LEGEND		
	EXISTING	PROPOSED
EX. A.C. PAVEMENT		
EX. CONCRETE		
NATIONAL HISTORIC PRESERVATION		
LIMITS OF CONSTRUCTION		
WATERLINE		
SANITARY SEWER LINE		
STORM DRAIN LINE		
FENCE LINE		
UNDERGROUND ELECTRICAL LINE		
UNDERGROUND GAS LINE		
UNDERGROUND COMMUNICATIONS LINE		
BACK OF CURB		
EDGE OF PAVEMENT		
SIDEWALK		
UTILITY TUNNEL		
STORM DRAIN MANHOLE		
SANITARY SEWER MANHOLE		
FIRE HYDRANT		
WATER VALVE		
STEAM MANHOLE		
STREETLIGHT		
TREE		
SURVEY CONTROL POINT		

CIVIL SHEET ABBREVIATIONS

ABBR/	ABBREVIATION	F/F	FACE TO FACE	SDM	STORM DRAIN
AG	AGGREGATE	FF	FINISH FLOOR ELEVATION	SDM	STORM DRAIN MANHOLE
AC	ASPHALTIC CONCRETE	FS	FINISH GRADE	SECT	SECTION
ACP	ASPHALTIC CONCRETE PAVING	FL	FIRE HYDRANT	SF	SQUARE FOOT (FEET)
ADA	AMERICANS WITH DISABILITIES ACT	FM	FACE OF MANHOLE	SHOUL	SHOULDER
AGGR	AGGREGATE	FM	FORCED MAIN SOWER	SMH	STEAM MANHOLE
APPROX	APPROXIMATE	FCG	FACE OF CURB	SP EL	SPOT ELEVATION
ASPH	ASPHALT	FEET	FEET OR INCH DIMENSION	SPC	SPECIFICATION
ASSY	ASSEMBLY	FOT	FOOTING	SQ YD	SQUARE YARD
AVE	AVENUE	HC	HANDICAP	SS	SANITARY SOWER
		HC	HANDICAPPED	SSMH	SANITARY SOWER MANHOLE
BC	BACK OF CURB	HDP	HIGH DENSITY POLYETHYLENE	ST	STREET
BCH	BURNHAY	HNDR	HANDRAIL	STLT	STREETLIGHT
BITUM	BITUMINOUS	HNDRL	HANDRAIL	STA	STATION
BLDG	BUILDING	HORZ	HORIZONTAL	STD	STANDARD
BLVD	BULEVARD	HMZ	HORIZONTAL	STM	STEAM
BM	BENCHMARK	IN	INSIDE DIAMETER OR INSIDE DIMENSION	SURF	SURFACE
BRG	BEARING	INFO	INFORMATION	SURV	SURVEY
		INV	INVERT	SW	SIDEWALK
		IN EL	INVERT ELEVATION	SWM	SOWER
CB	CATCH BASIN	INT	INTER	SWR	SUBMER
CFS	CUBIC FEET PER SECOND	LAT	LATITUDE	TAN	TANGENT
CL	CENTER LINE	LF	LINEAR FEET (FOOT)	TC	TOP OF CURB
CLASS	CLASSIFICATION	LOC	LOCATION	TC	TRENCH DRAIN
CMP	COMPOSITE METAL PIPE	LP	LOW POINT	TE	TEMPERATURE
CMU	CONCRETE MASONRY UNIT	LSP	LOW SPUM	THK	THICKNESS
CONC	CONCRETE	MATL	MATERIAL	TM	TEMP
CONSTR	CONSTRUCTION	MANH	MANHOLE	TOP	TOP OF MANHOLE
CORO	CORROD	MIN	MINIMUM	TC	TOP OF CURB
CORR	CORROSION	MISC	MISCELLANEOUS	TC WALL	TOP OF CONCRETE WALL
CU FT	CUBIC FEET	MON	MOMENT	TOP	TOP OF FOOTING
CU YD	CUBIC YARD	MTC	MEETING	TOP	TOP OF WALL
		MULT	MULTIPLE	TOPO	TOPOGRAPHY
DA	DRAINAGE AREA	N	NORTH	TOP	TOP OF SCAB
DAT	DATUM	NA	NOT AVAILABLE	UNSD	UNDERGROUND
DEG	DEGREE	NTS	NOT NUMBER	UNSP RD	UNPAVED ROAD
DEMO	DEMOLITION	NTS	NOT TO SCALE	UNSP UNLESS OTHERWISE NOTED	
DEPT	DEPARTMENT	OC	ON CENTER	UTIL	UTILITY
DESCR	DESCRIPTION	PC	POINT OF CURVE	VAR	VARIES
DET	DETAIL	PC	PERCENT	VCR	VERTICAL CURVE
DI	DRAW INLET	PI	POINT OF INTERSECTION	VERT	VERTICAL
DI	DRAW	PL	PROPERTY LINE	VIC	VICINITY
DIM	DIMENSION	PROJ	PROJECT	VOL	VOLUME
DIP	DIPPLE IRON PIPE	PROP	PROPOSED		
DIR	DIRECTION	PSC	POUNDS PER SQUARE INCH	W	WEST
DIST	DISTANCE	PVC	POLYVINYL CHLORIDE (PLASTIC)	W	WITH
DWG	DRAWING	QTY	QUANTITY	W/O	WITHOUT
E	EAST	R	RADIUS		
EA	EACH	RCB	REINFORCED CONCRETE BOX		
EC	EACH OF CURB	RCB	REINFORCED CONCRETE PIPE		
EG	EXISTING GRADE	RD	ROAD OR ROOF DRAIN		
EL	ELEVATION	REQD	REQUIRED		
ENGR	ENGINEER	ROW	RIGHT OF WAY		
ENTR	ENTRANCE	RT	RIGHT		
EP	EASE OF PAVEMENT (PAVING)	RW	ROADWAY		
EPD	ENVIRONMENTAL PROTECTION AGENCY				
EQUIP	EQUIPMENT				
END	ENDING ROOF DRAIN				
ES	EASE OF SHOULDER				
ESMT	EASEMENT				
EST	ESTIMATE				
EX	EXISTING				
EXIST	EXISTING				

CONTROL POINTS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
CP1	IRON	1055141.51	2780988.27	929.22
CP2	IRON	1054843.90	2780665.87	938.21
CP3	IRON	1054816.09	2780942.26	943.09
CP4	IRON	1054549.81	2780644.54	932.32
CP8	IRON	1055204.38	2781269.90	932.67
CP9	IRON	1055204.38	2781269.90	932.67
CP867	DRILL HOLE	1054576.73	2781049.72	937.05

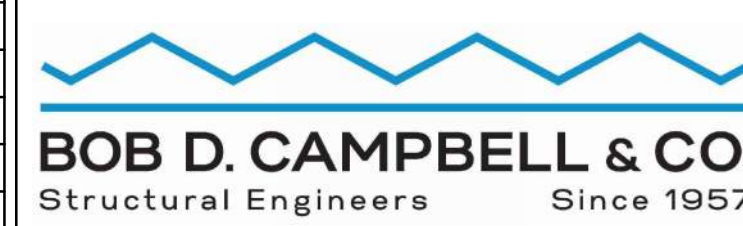
SURVEY DISCLAIMER

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F1 CIVIL SURVEY PLAN - NORTH
1"=10'

[illegible]

CONSULTANT



MES
GROUP

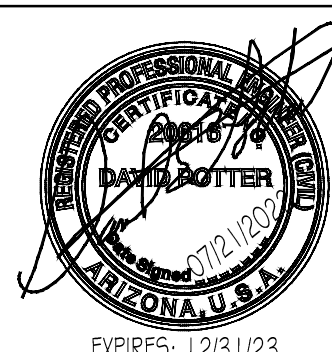
ARCHITECT/ENGINEER OF RECORD

A/E:
TRIPLE C THE A & E GROUP
 2625 LINDELL BLVD. 2ND FLOOR, 2064
 ST. LOUIS, MO 63108
 MAT PERKINS
 520-481-8548



A MULTI-DISCIPLINE COMPANY

STAM



EXPIRES: 12/31/2

Office of
Construction
and Facilities
Management

VA | U.S. Department
of Veterans Affairs

Drawing Title	CIVIL - SURVEY PLAN NORTH
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Approved

Phase	ISSUED FOR BIDDING
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Project Title	KCVA -Inpatient Medicine Bed Addition
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Project Number	589-017
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Building Number
B1

	Drawing Number

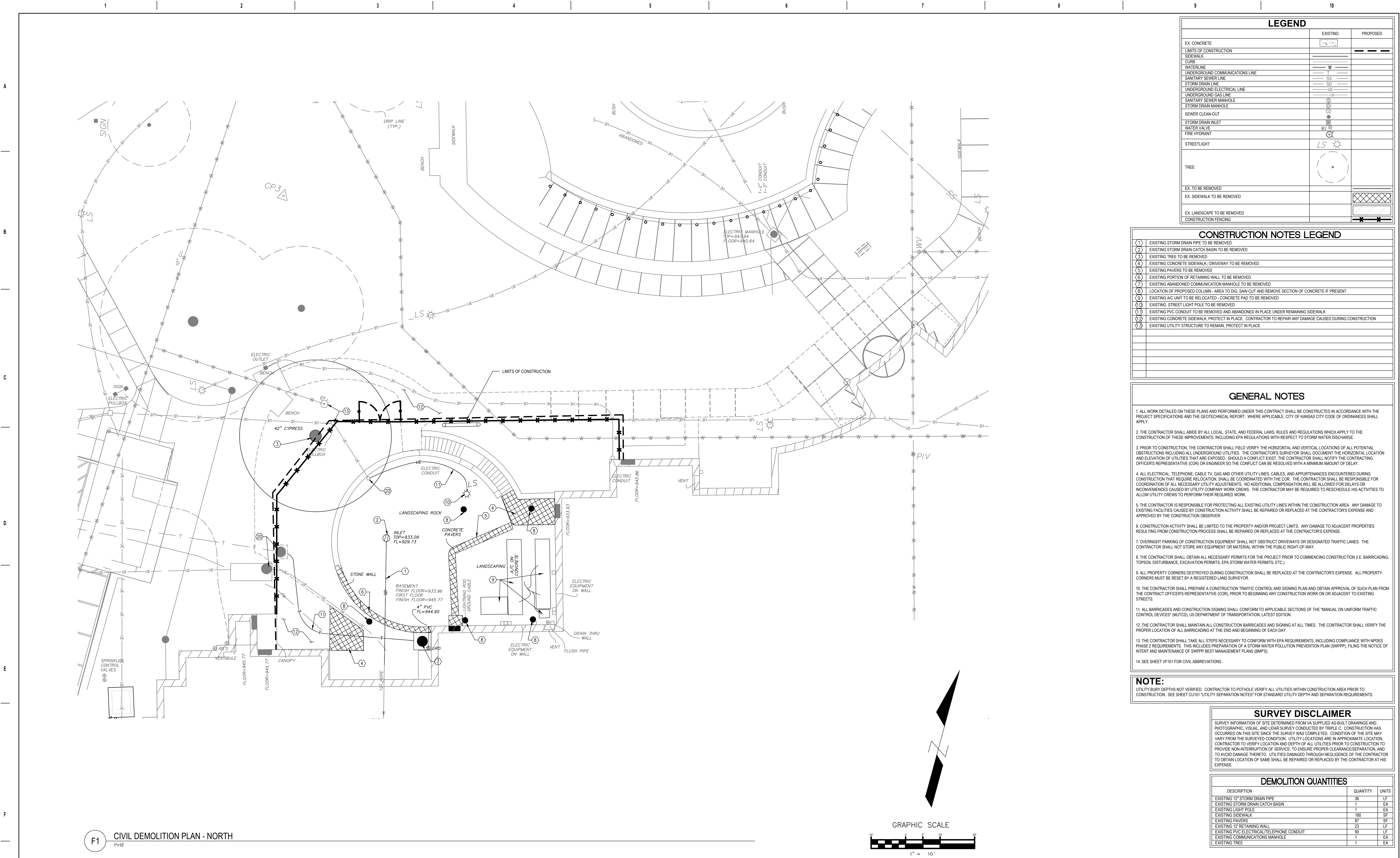
Location	4801 Linwood Blvd, Kansas City, MO 64128
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Issue Date
JULY 21, 2022

Checked	PERKINS
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Drawn	
STRUBLE	

VF101



LEGEND		
	EXISTING	PROPOSED
EX. CONCRETE		
LIMITS OF CONSTRUCTION		
SIDEWALK		
CURB		
WATERLINE		
UNDERGROUND COMMUNICATIONS LINE		
SANITARY SEWER LINE		
STORM DRAIN LINE		
UNDERGROUND ELECTRICAL LINE		
UNDERGROUND GAS LINE		
SANITARY SEWER MANHOLE		
STORM DRAIN MANHOLE		
SEWER CLEAN-OUT		
STORM DRAIN INLET		
WATER VALVE		
FIRE HYDRANT		
STREETLIGHT		
TREE		
EX. TO BE REMOVED		
EX. SIDEWALK TO BE REMOVED		
EX. LANDSCAPE TO BE REMOVED		
CONSTRUCTION FENCING		

CONSTRUCTION NOTES LEGEND	
(1)	EXISTING STORM DRAIN PIPE TO BE REMOVED
(2)	EXISTING STORM DRAIN CATCH BASIN TO BE REMOVED
(3)	EXISTING TREE TO BE REMOVED
(4)	EXISTING CONCRETE SIDEWALK / DRIVEWAY TO BE REMOVED
(5)	EXISTING PAVERS TO BE REMOVED
(6)	EXISTING PORTION OF RETAINING WALL TO BE REMOVED
(7)	EXISTING ABANDONED COMMUNICATION MANHOLE TO BE REMOVED
(8)	LOCATION OF PROPOSED COLUMN - AREA TO DIG, SAW-CUT AND REMOVE SECTION OF CONCRETE IF PRESENT
(9)	EXISTING A/C UNIT TO BE RELOCATED - CONCRETE PAD TO BE REMOVED
(10)	EXISTING STREET LIGHT POLE TO BE REMOVED
(11)	EXISTING PVC CONDUIT TO BE REMOVED AND ABANDONED IN PLACE UNDER REMAINING SIDEWALK
(12)	EXISTING CONCRETE SIDEWALK, PROTECT IN PLACE. CONTRACTOR TO REPAIR ANY DAMAGE CAUSED DURING CONSTRUCTION
(13)	EXISTING UTILITY STRUCTURE TO REMAIN, PROTECT IN PLACE

GENERAL NOTES	
1.	ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF KANSAS CITY CODE OF ORDINANCES SHALL APPLY.
2.	THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REGULATIONS WITH RESPECT TO STORM WATER DISCHARGE.
3.	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. THE CONTRACTOR'S SURVEYOR SHALL DOCUMENT THE HORIZONTAL LOCATION AND ELEVATION OF UTILITIES THAT ARE EXPOSED. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) OR ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4.	ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE COORDINATED WITH THE COR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
5.	THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6.	CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
7.	OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8.	THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
9.	ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10.	THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CONTRACT OFFICER'S REPRESENTATIVE (COR), PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
11.	ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
12.	THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
13.	THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS. THIS INCLUDES PREPARATION OF A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), FILING THE NOTICE OF INTENT AND MAINTENANCE OF SWPPP BEST MANAGEMENT PLANS (BMPs).
14.	SEE SHEET VF101 FOR CIVIL ABBREVIATIONS.

NOTE:
UTILITY BURY DEPTHS NOT VERIFIED. CONTRACTOR TO POTHOLE VERIFY ALL UTILITIES WITHIN CONSTRUCTION AREA PRIOR TO CONSTRUCTION. SEE SHEET CU101 "UTILITY SEPARATION NOTES" FOR STANDARD UTILITY DEPTH AND SEPARATION REQUIREMENTS.

SURVEY DISCLAIMER
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DEMOLITION QUANTITIES		
DESCRIPTION	QUANTITY	UNITS
EXISTING 12" STORM DRAIN PIPE	36	LF
EXISTING STORM DRAIN CATCH BASIN	1	EA
EXISTING LIGHT POLE	1	EA
EXISTING SIDEWALK	180	SF
EXISTING PAVERS	87	SF
EXISTING 12" RETAINING WALL	23	LF
EXISTING PVC ELECTRICAL/TELEPHONE CONDUIT	90	LF
EXISTING COMMUNICATIONS MANHOLE	1	EA
EXISTING TREE	1	EA

Revisions:

Date:

CONSULTANT

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Structural Engineers Since 1957

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ARCHITECT/ENGINEER OF RECORD

A/E:
TRIPLE C THE A&E GROUP
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ST. LOUIS, MO 63108
MAT PERKINS
520-481-8548

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Office of
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and Facilities
Management

VA U.S. Department
of Veterans Affairs

Drawing Title

CIVIL - DEMOLITION PLAN
NORTH

Approved:

Phase

ISSUED FOR BIDDING

Project Title

KCVA-Inpatient Medicine Bed
Addition

Location
4801 Linwood Blvd, Kansas City, MO 64128

Issue Date
JULY 21, 2022

Checked
PERKINS

Drawn
STRUBLE

Project Number
589-017

Building Number
B1

Drawing Number
CD101

VA FORM 08-6231

[illegible]

"LIMITS OF CONSTRUCTION" IDENTIFIES AN IMAGINARY LINE AROUND ALL AREAS IN WHICH CONSTRUCTION WILL OCCUR. SOME ADDITIONAL AREAS MAY BE IMPACTED BY UTILITY INFRASTRUCTURE TIE-INS. COORDINATE WITH COR.

"LIMITS OF CONTRACTOR FENCED AREA" IDENTIFIES THE CONTRACTOR'S FENCE (TO COMPLY WITH VA STANDARDS) AROUND THE BUILDING CONSTRUCTION AREA. COORDINATE WITH COR.

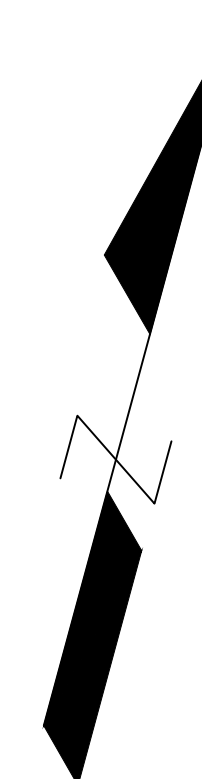
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Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C17	44.94	21.77	118.28	S76° 22' 03"W	37.37
C18	11.88	28.93	23.52	S49° 00' 08"E	11.79

10' 0' 5' 10'

1" = 10'



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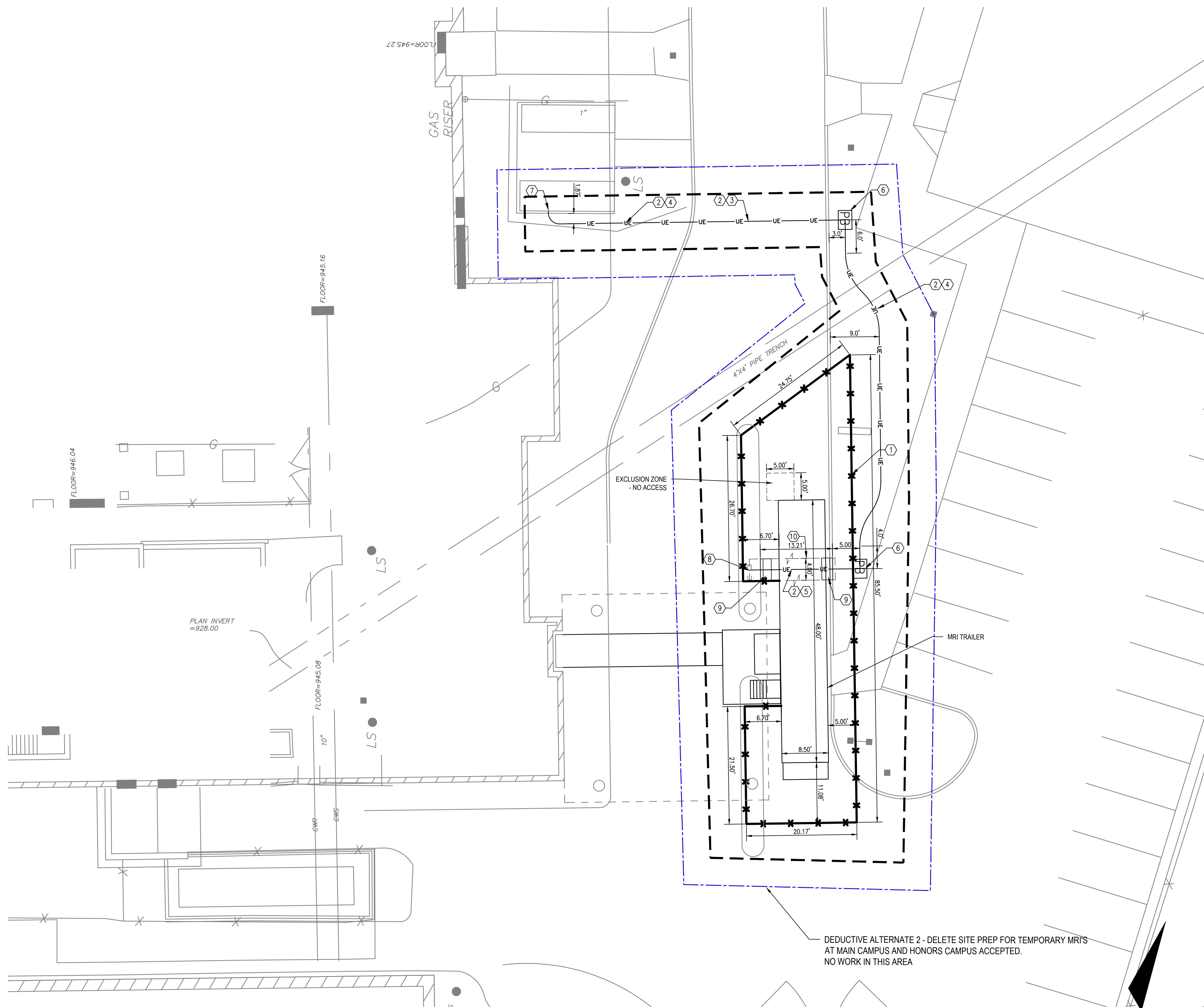
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ST. LOUIS, MO 63108
MAT PERKINS
520-481-8548



Approved

CS101

A
B
C
D
E
F



LEGEND		
	EXISTING	PROPOSED
LIMITS OF CONSTRUCTION		---
SIDEWALK		---
FENCE	---	---
SAW-CUT LINE		---
STREETLIGHT	LS	

DEDUCTIVE ALTERNATES:
(DEDUCTIVE ALTERNATES ARE CASCADING AND MUST BE EXERCISED IN THE ORDER PRESENTED)

DEDUCT ALTERNATE 1 - DELETE ELEVATOR CARS AND HOIST MACHINES

DEDUCT ALTERNATE 2 - DELETE SITE PREP FOR TEMPORARY MRI'S AT MAIN CAMPUS AND HONORS CAMPUS

DEDUCT ALTERNATE 3 - DELETE STAIR IN MRI AREA

DEDUCT ALTERNATE 4 - DELETE RENOVATION OF CORRIDOR C3-20 FLOOR AND WALL FINISHES

DEDUCT ALTERNATE 5 - DELETE RENOVATION OF WAITING ROOM M3-203A, NOURISHMENT M3-206, SOILED LINEN STORAGE M3-205B, VISITOR TOILET M30205A, AND NETWORK CLOSET F-155

DEDUCT ALTERNATE 6 - DELETE RENOVATION OF 3PATIENT ROOMS (M3-223, M3-224 & M3-225) ALONG WITH RESTROOMS STORAGE AND CORRIDOR ADJACENT

CONSTRUCTION NOTES LEGEND	
(1)	CONSTRUCT TEMPORARY FENCING - SEE DETAIL F6, SHEET CS501A
(2)	CONSTRUCT 2" PVC ELECTRICAL CONDUIT
(3)	CONSTRUCT BORE UNDER EXISTING ROADWAY
(4)	CONSTRUCT UTILITY TRENCH IN UNPAVED AREA - SEE DETAIL B1, SHEET CS501A
(5)	CONSTRUCT UTILITY TRENCH IN UNPAVED AREA - SEE DETAIL D1 & D6, SHEET CS501A
(6)	CONSTRUCT 12"x6" ELECTRICAL PULLBOX - SEE DETAIL D3, SHEET CS501A
(7)	CONNECT TO EXISTING RECEPTACLE - SEE ELECTRICAL PLANS
(8)	REMOVE AND CONSTRUCT 4 LF OF 2 CONCRETE VERTICAL CURB - SEE DETAIL B1, SHEET CS501A
(9)	REMOVE AND CONSTRUCT 4 LF OF 2 CONCRETE VERTICAL CURB - SEE DETAIL B1, SHEET CS501A
(10)	SAW-CUT EXISTING CONCRETE PAVEMENT

CONTRACTOR NOTE

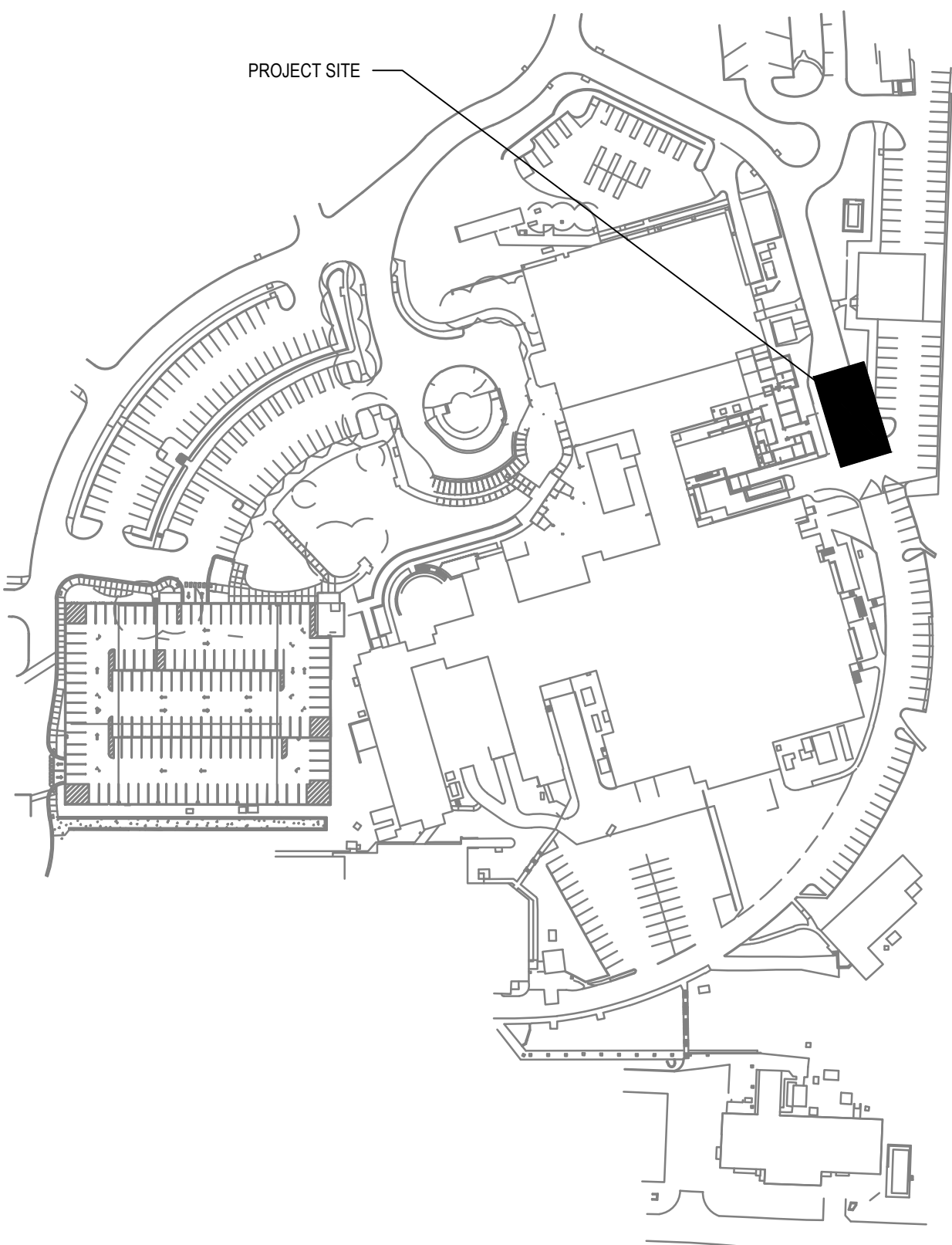
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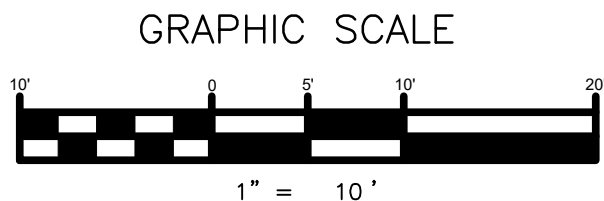
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F1 CIVIL SITE PLAN - TEMPORARY MRI LOCATIONS - MAIN CAMPUS
1"=10'



KEY MAP

Revisions:	Date:

CONSULTANT

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MES GROUP

ARCHITECT/ENGINEER OF RECORD

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Professional Engineer Seal for Matthew Perkins, State of Missouri, No. 123123, Expires 12/31/23.

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - SITE PLAN
TEMPORARY MRI LOCATIONS
-MAIN CAMPUS

Approved:

Phase
ISSUED FOR BIDDING

Project Title
KCVA -Inpatient Medicine Bed Addition

Location
4801 Linwood Blvd, Kansas City, MO 64128

Issue Date
JULY 21, 2022

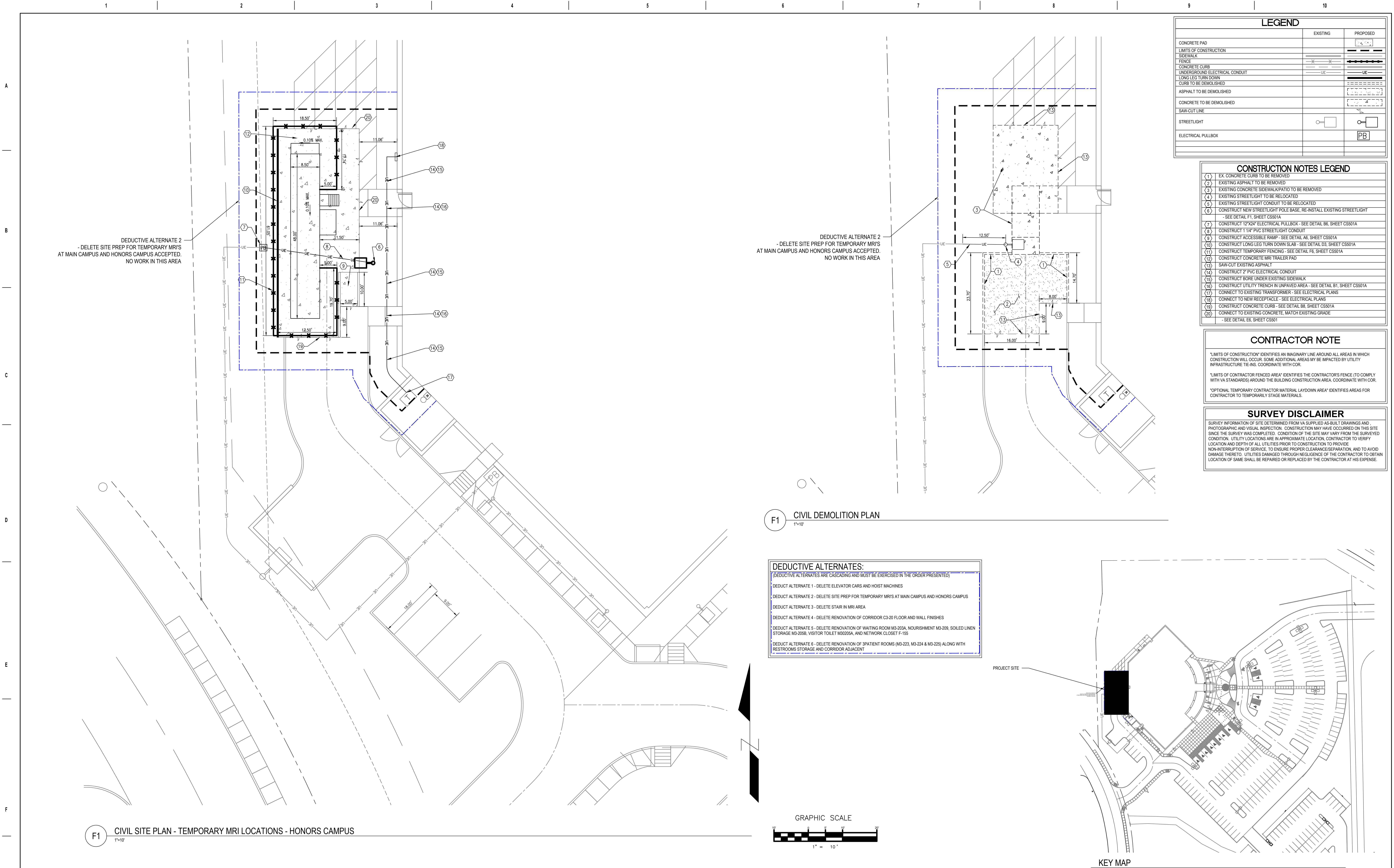
Checked
PERKINS

Drawn
STRUBLE

Project Number
589-017

Building Number
B1

Drawing Number
CS101A



Revisions:	Date:

CONSULTANT

BOB D. CAMPBELL & CO.
Structural Engineers Since 1957

MES GROUP

ARCHITECT/ENGINEER OF RECORD

A/E:
TRIPLE C THE A&E GROUP
2625 LINDELL BLVD, 2ND FLOOR, 2064
ST. LOUIS, MO 63108
MAT PERKINS
520-481-8548

TRIPLE C - THE A&E GROUP

A MULTI-DISCIPLINE COMPANY

STAMP

EXPIRES: 12/31/23

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
CIVIL - SITE PLAN
TEMPORARY MRI LOCATIONS - HONORS CAMPUS

Approved:

Phase
ISSUED FOR BIDDING

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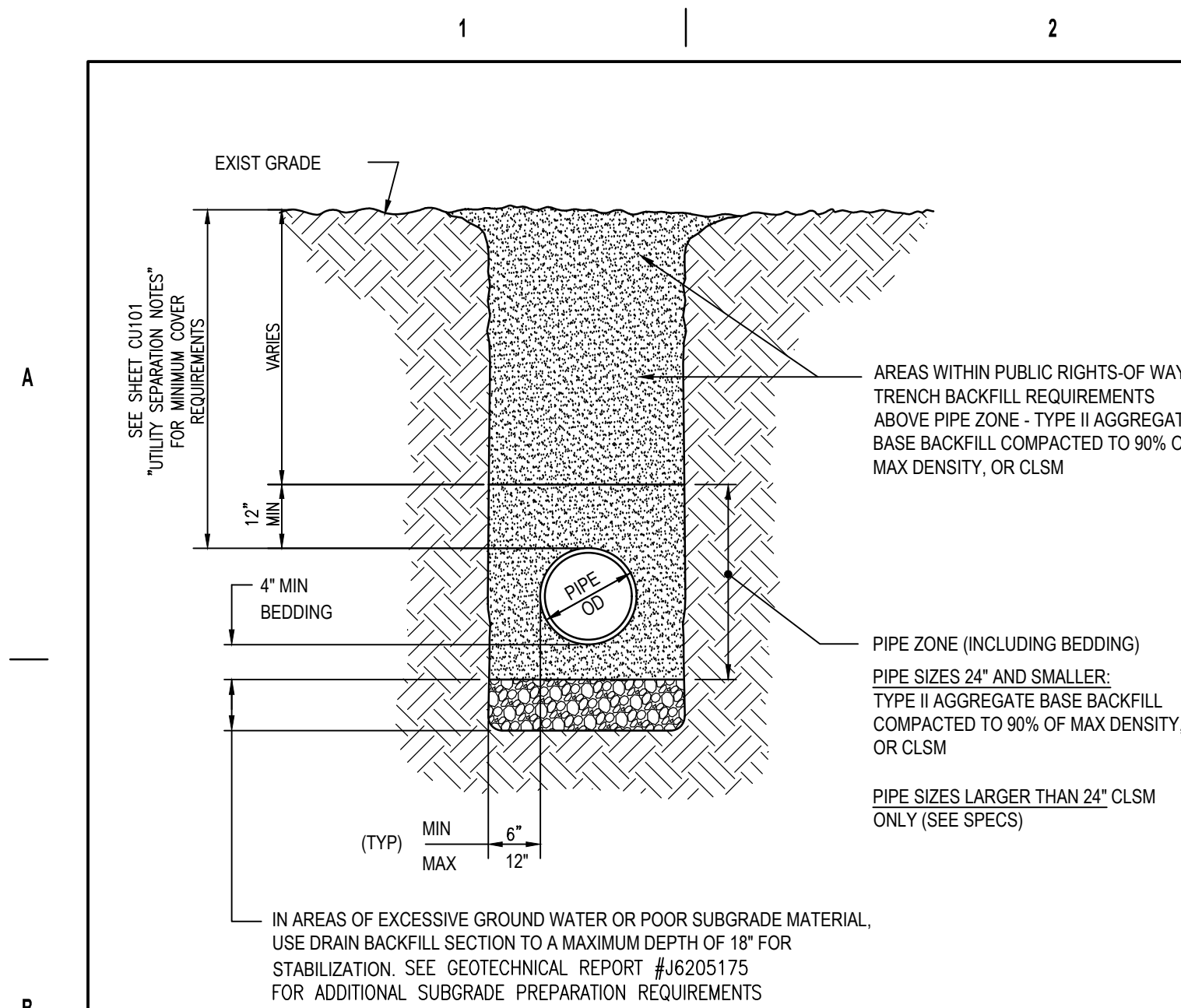
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Drawn
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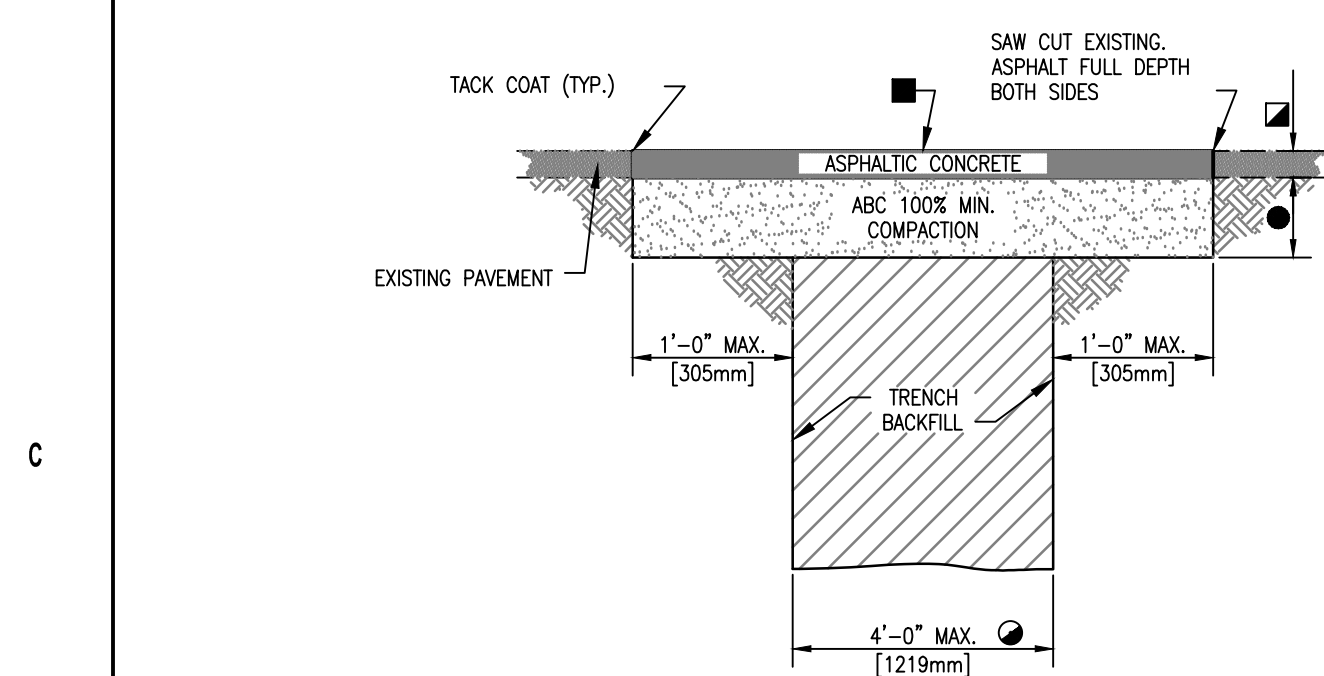
Project Number
589-017

Building Number
B1

Drawing Number
CS101B



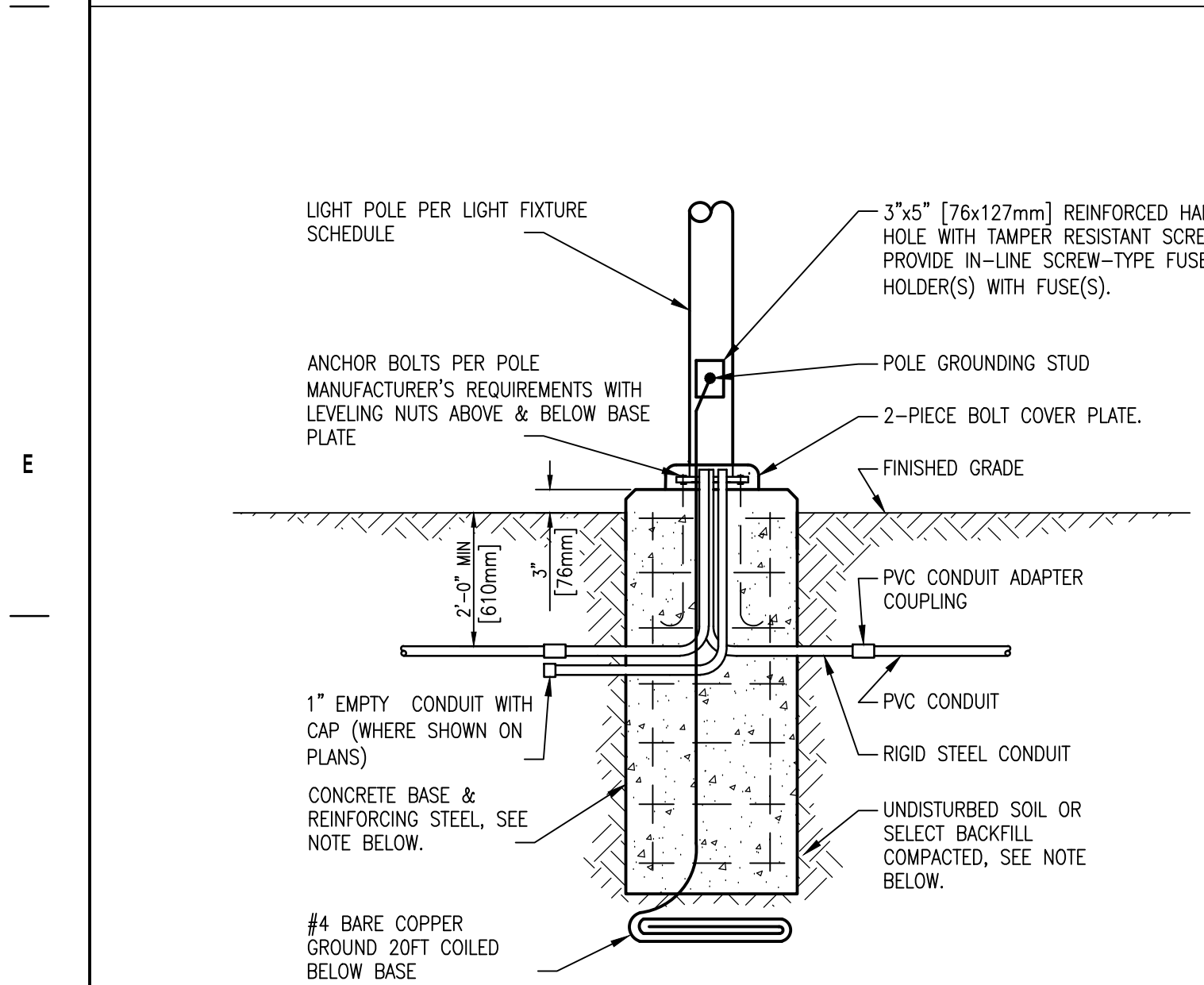
B1 TRENCH BACKFILL - UNPAVED AREAS
NOT TO SCALE



- FOR TRENCH WIDTHS EXCEEDING 4' [1219mm] REFER TO VA STANDARD DETAIL 32 116-02 TYPE 2 UTILITY TRENCH PATCH.
- FOR TRENCH WIDTHS WHERE PORTLAND CEMENT CONCRETE (PCC) PAVEMENT EXISTS, REFER TO 32 12 16-03 TYPE 3 UTILITY TRENCH PATCH.
- 2' [50mm] MINIMUM OR THICKNESS OF EXISTING PAVEMENT WHICHEVER IS GREATER.
- BITUMINOUS SURFACE TREATMENT (CHIPSSEAL) REQUIRED ONLY FOR LONGITUDINAL TRENCHES WITH WIDTHS GREATER THAN 6' [1829mm].
- 4' [100mm] MINIMUM ABC OR THICKNESS OF EXISTING GRANULAR BASE COURSE MATERIALS (E.G. ABC & SELECT MATERIAL) WHICHEVER IS GREATER.

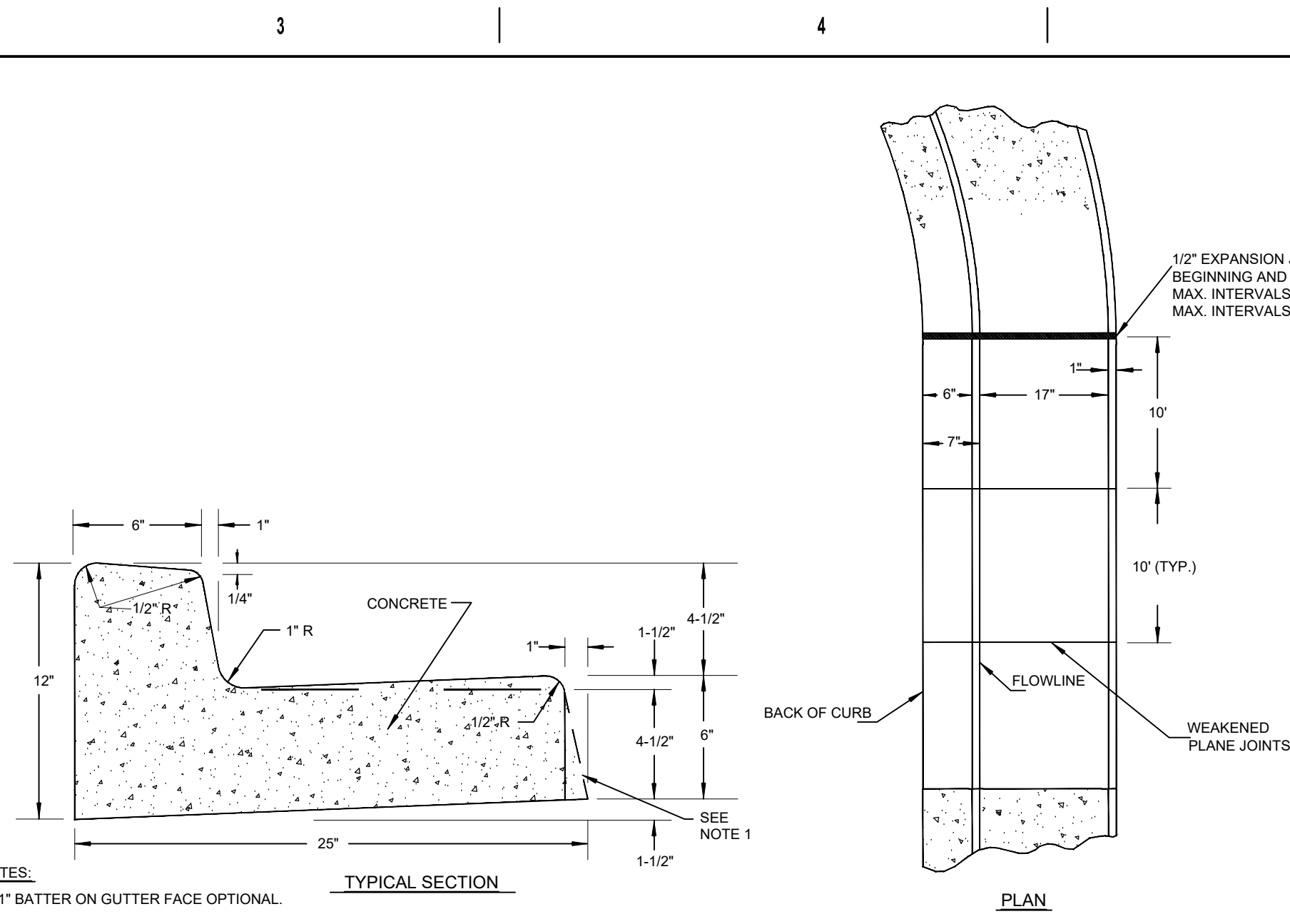
REFER TO VA STANDARD DETAIL 32 12 16-04 "UTILITY TRENCH PAVEMENT PATCH NOTES" FOR ADDITIONAL INFORMATION.

D1 TYPE 1 UTILITY TRENCH PATCH
NOT TO SCALE VA STD. SD321

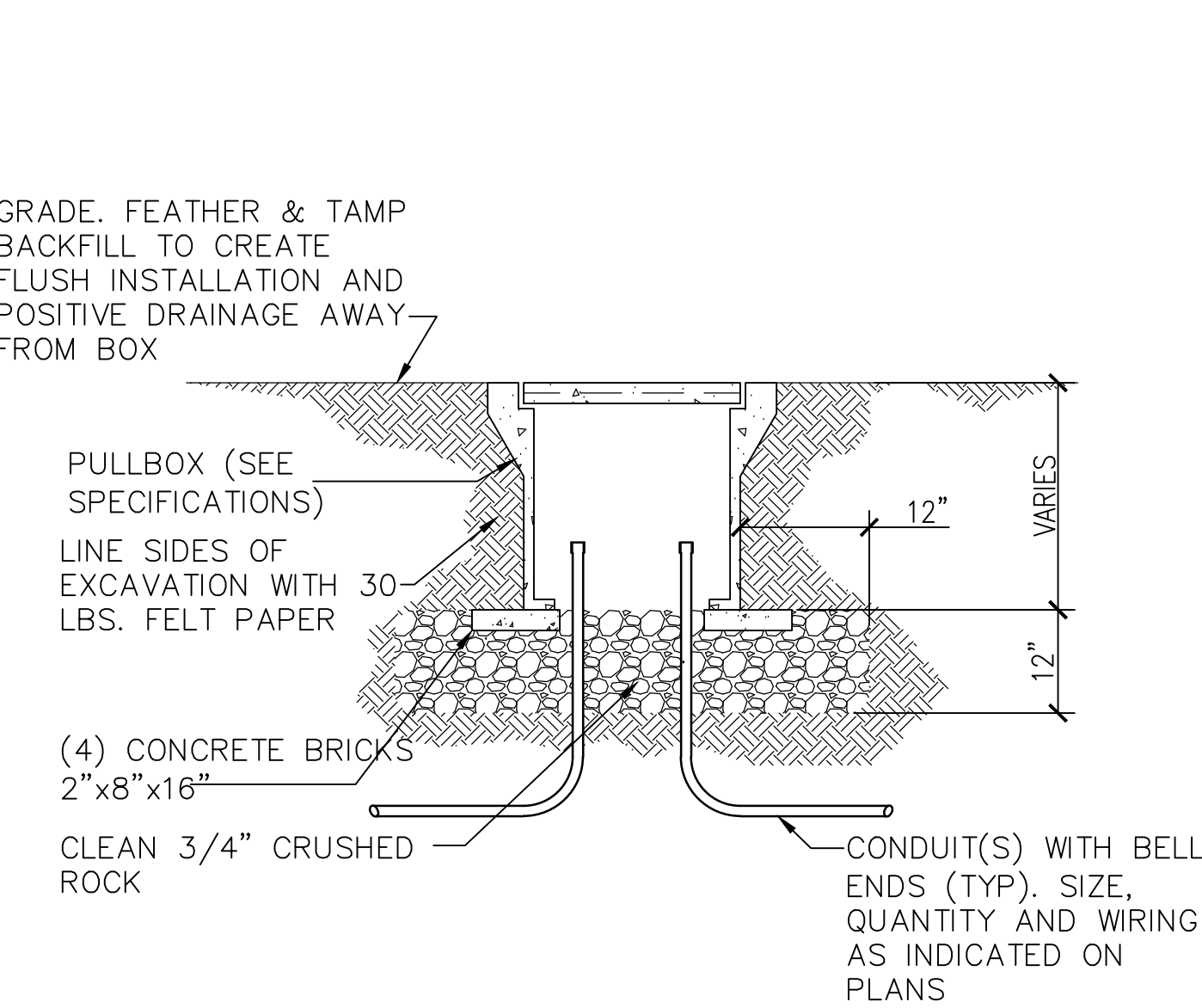


NOTE:
BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

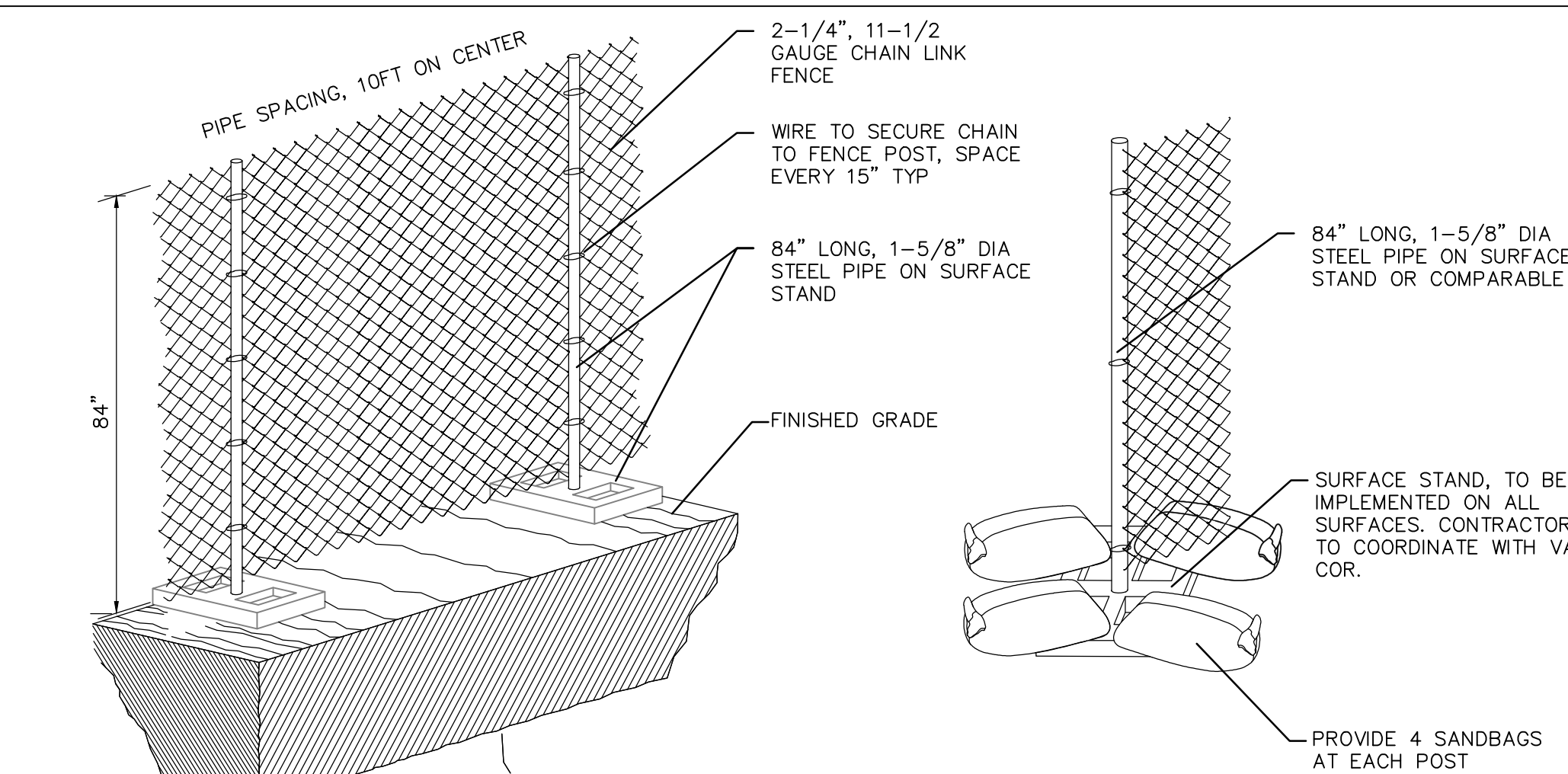
F1 POLE BASE DETAIL
NOT TO SCALE VA



B3 2' CONCRETE VERTICAL CURB
NOT TO SCALE



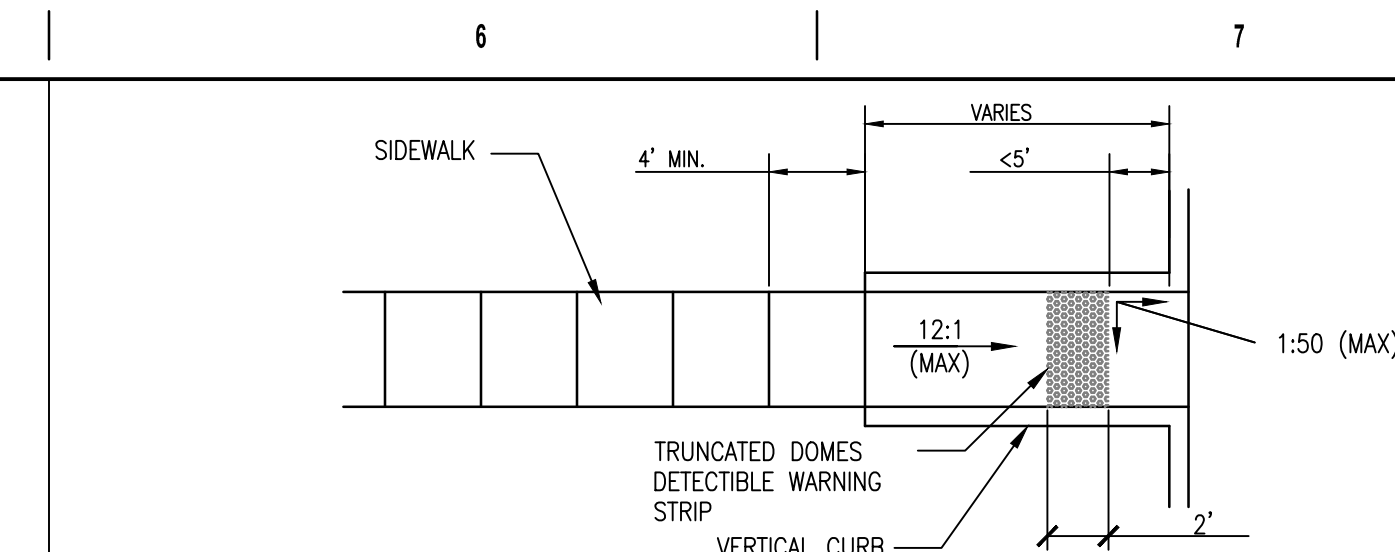
D3 ELECTRICAL PULLBOX
NOT TO SCALE



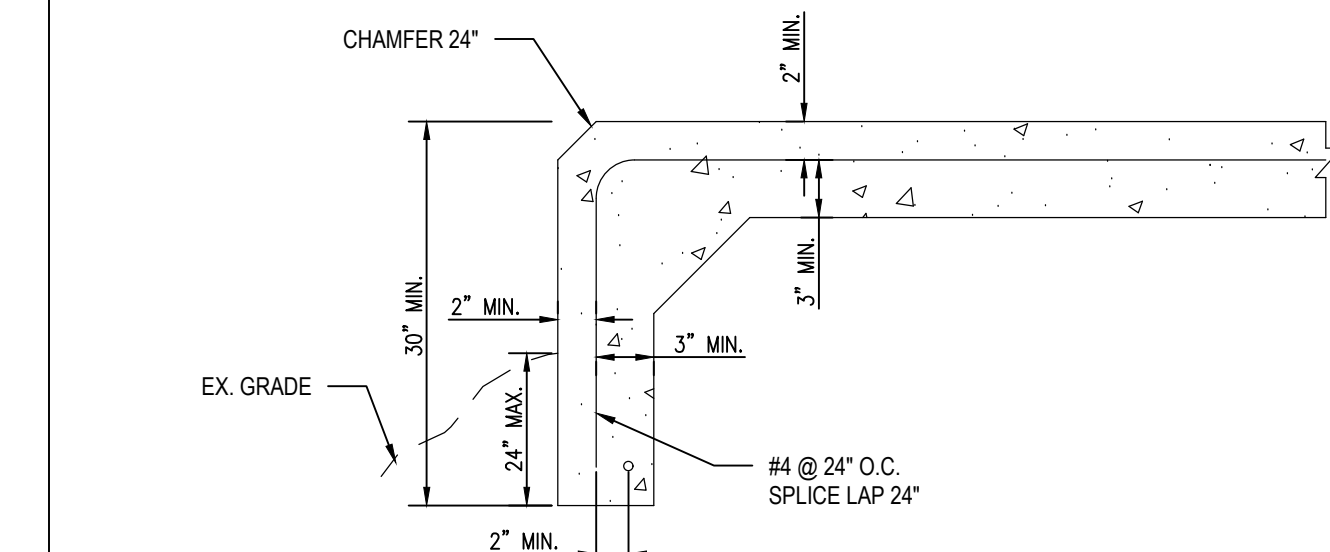
NOTE:

1. CHAIN LINK CONSTRUCTION FENCING IS TO BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
2. CHAIN LINK CONSTRUCTION FENCE SHALL BE A MINIMUM OF 84" ABOVE GRADE.
3. FENCE SHALL BE INSPECTED DAILY AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED FOR THE DAY. IF DAMAGED, FENCING SHALL BE REPAIRED IMMEDIATELY.
4. CHAIN LINK CONSTRUCTION FENCE IS SHOWN ON IMPERVIOUS SURFACES, SUCH AS THE EXISTING DRIVE AND PARKING AND GRASS AREAS. POST ARE TO BE ANCHORED ON SURFACE STANDS. STEEL PIPE IS NOT TO BE DRIVEN BELOW GRADE.

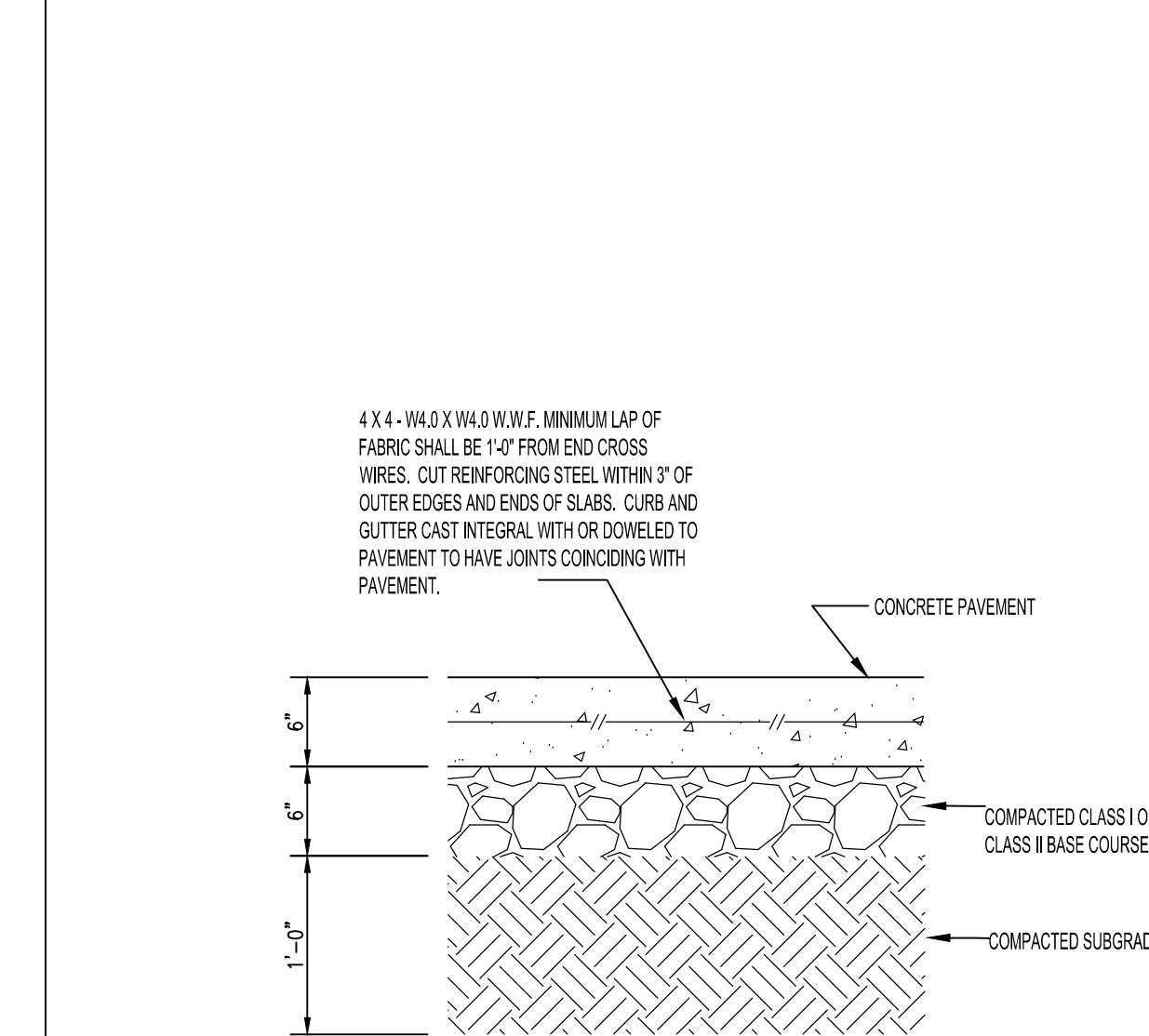
F6 **TEMPORARY CHAIN LINK FENCE DETAIL**
NOT TO SCALE



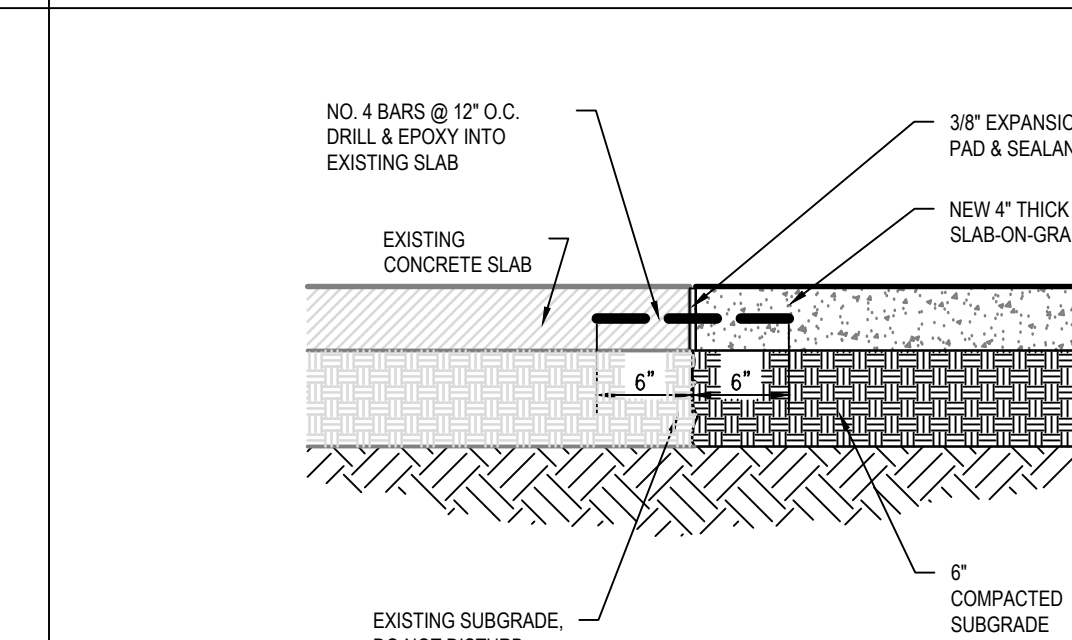
A6 CURB ACCESS RAMPS
NOT TO SCALE



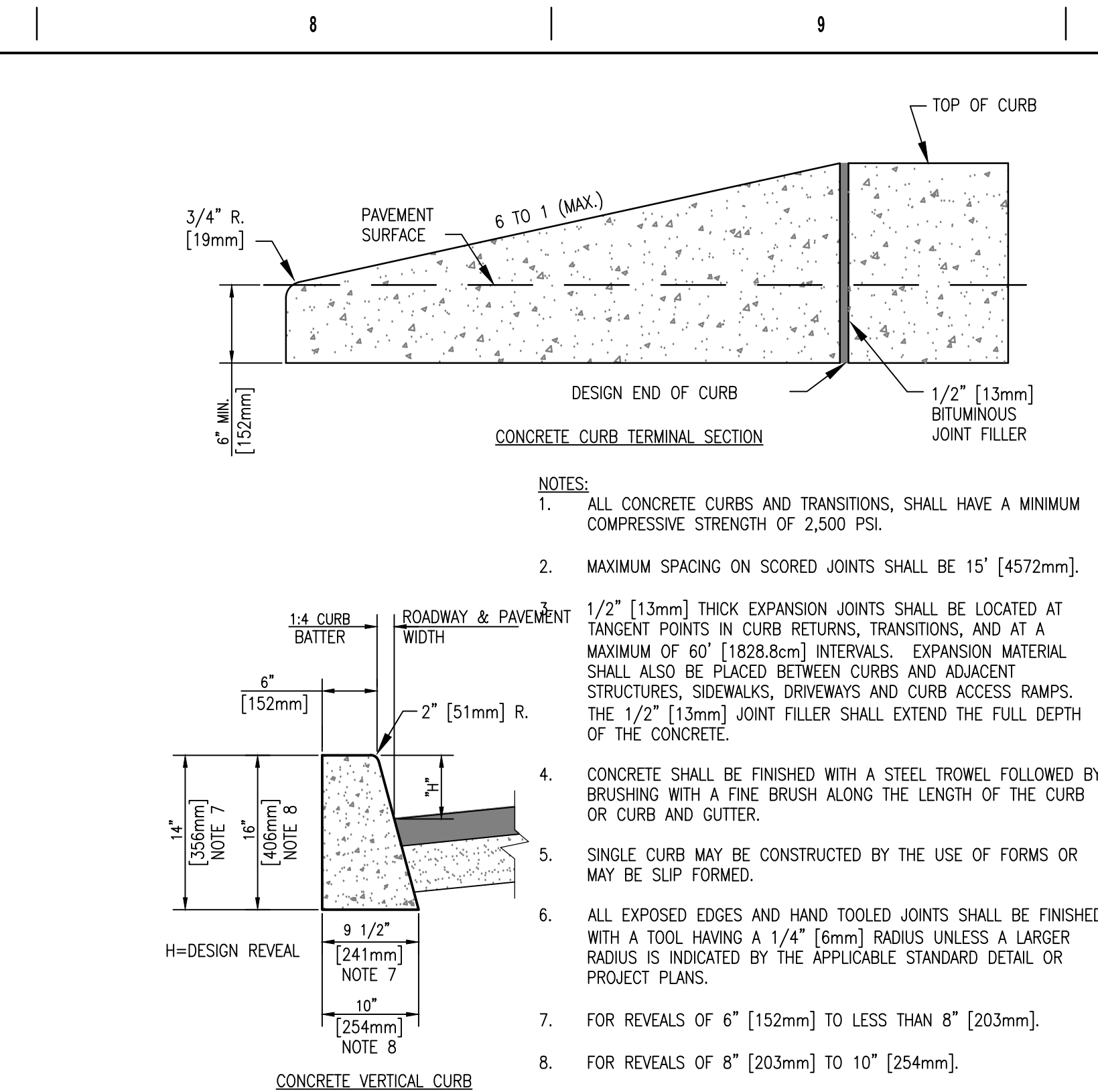
B6 LONG LEG TURN DOWN SLAB
NOT TO SCALE



D6 CONCRETE PAVING SECTION
NOT TO SCALE

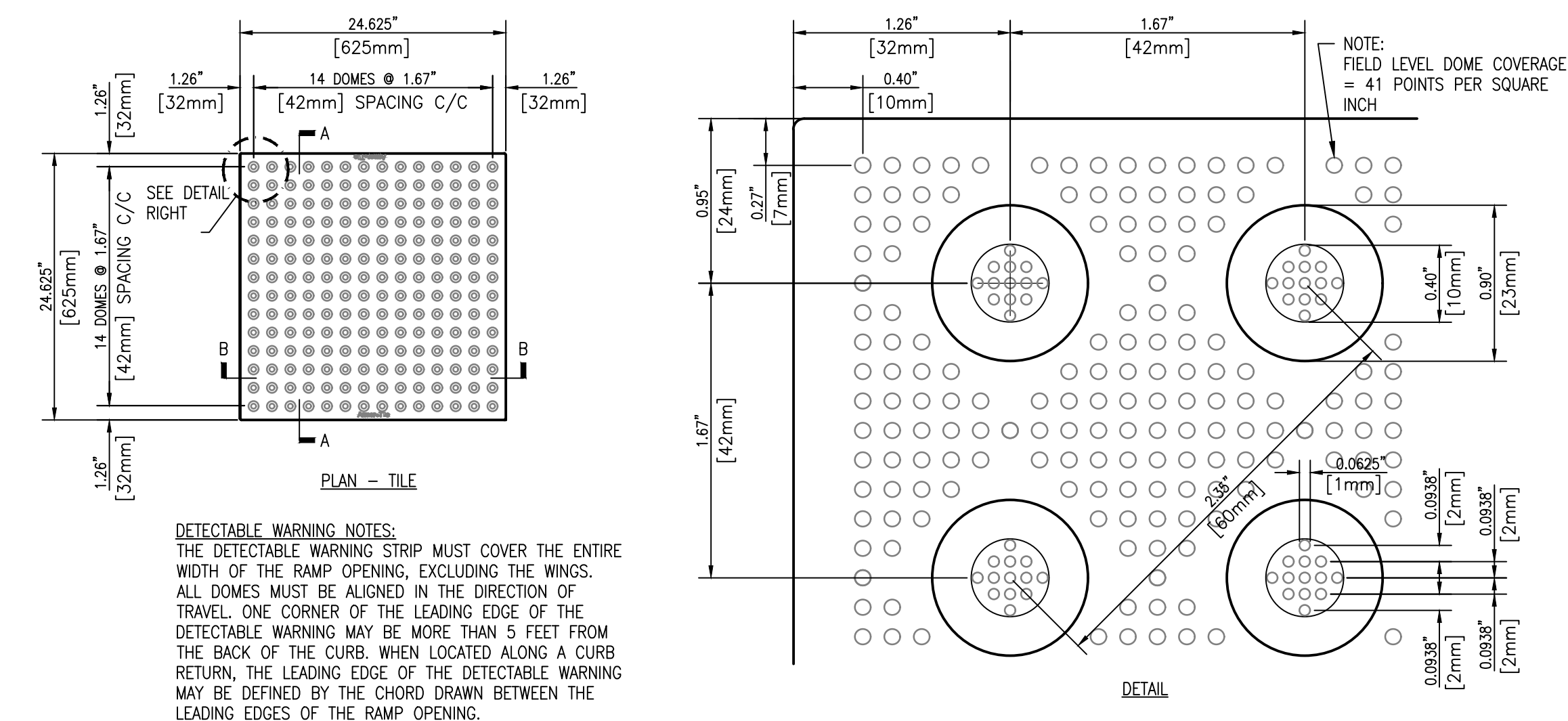
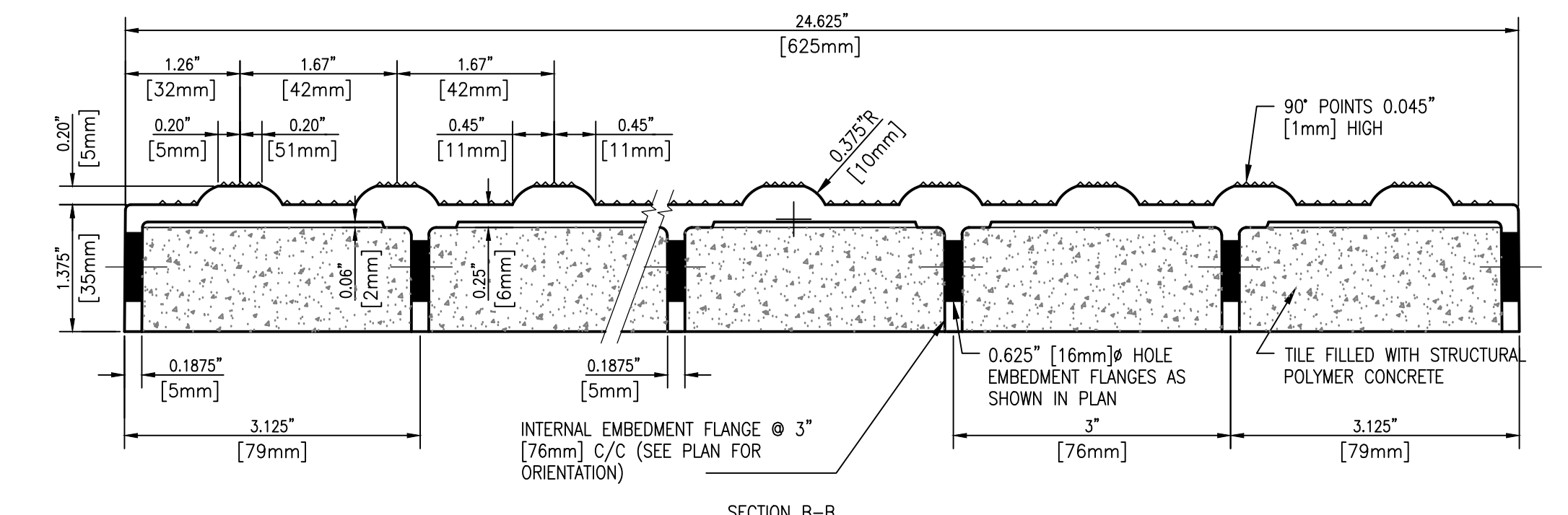
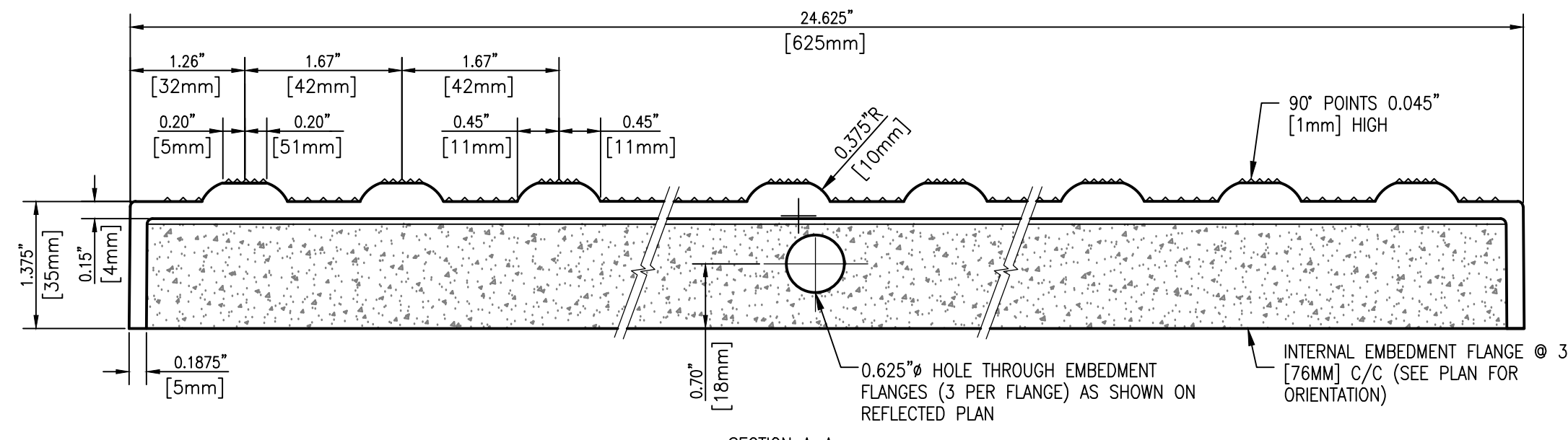


E6 CONCRETE CONNECTION DETAIL - TYP.
NOT TO SCALE








- | | | |
|--------|----|--|
| NOTES: | 1. | ALL CONCRETE CURBS AND TRANSITIONS, SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI. |
| | 2. | MAXIMUM SPACING ON SCORED JOINTS SHALL BE 15' [4572mm]. |
| | 3. | 1/2" [13mm] THICK EXPANSION JOINTS SHALL BE LOCATED AT TRANSITION POINTS IN CURB RETURNS, TRANSITIONS, AND AT A MAXIMUM OF 60' [18288mm] INTERVALS. EXPANSION MATERIAL SHALL ALSO BE PLACED BETWEEN CURBS AND ADJACENT STRUCTURES, SIDEWALKS, DRIVEWAYS AND CURB ACCESS RAMPS. THE 1/2" [13mm] JOINT FILLER SHALL EXTEND THE FULL DEPTH OF THE CONCRETE. |
| | 4. | CONCRETE SHALL BE FINISHED WITH A STEEL TROWEL FOLLOWED BY BRUSHING WITH A FINE BRUSH ALONG THE LENGTH OF THE CURB OR CURB AND GUTTER. |
| | 5. | SINGLE CURB MAY BE CONSTRUCTED BY THE USE OF FORMS OR MAY BE SLIP FORMED. |
| | 6. | ALL EXPOSED EDGES AND HAND TOOLED JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS UNLESS A LARGER RADIUS IS INDICATED BY THE APPLICABLE STANDARD DETAIL OR PROJECT PLANS. |
| | 7. | FOR REVEALS OF 6" [152mm] TO LESS THAN 8" [203mm]. |
| | 8. | FOR REVEALS OF 8" [203mm] TO 10" [254mm]. |

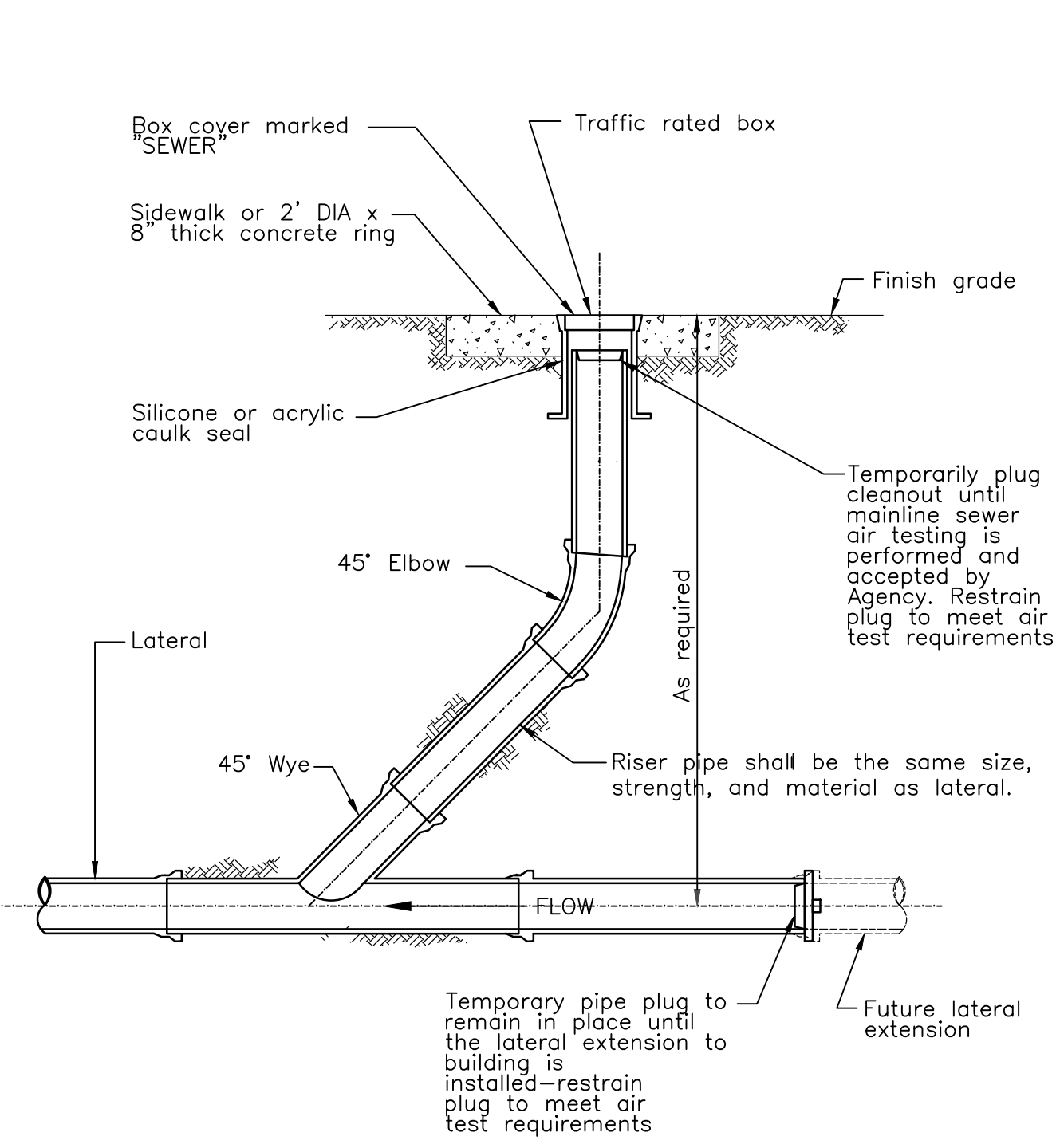
B8 CONCRETE CURB AND TERMINAL SECTION
NOT TO SCALE



F8 TRUNCATED DOME TACTILE - WARNING STRIP
NOT TO SCALE

[illegible]

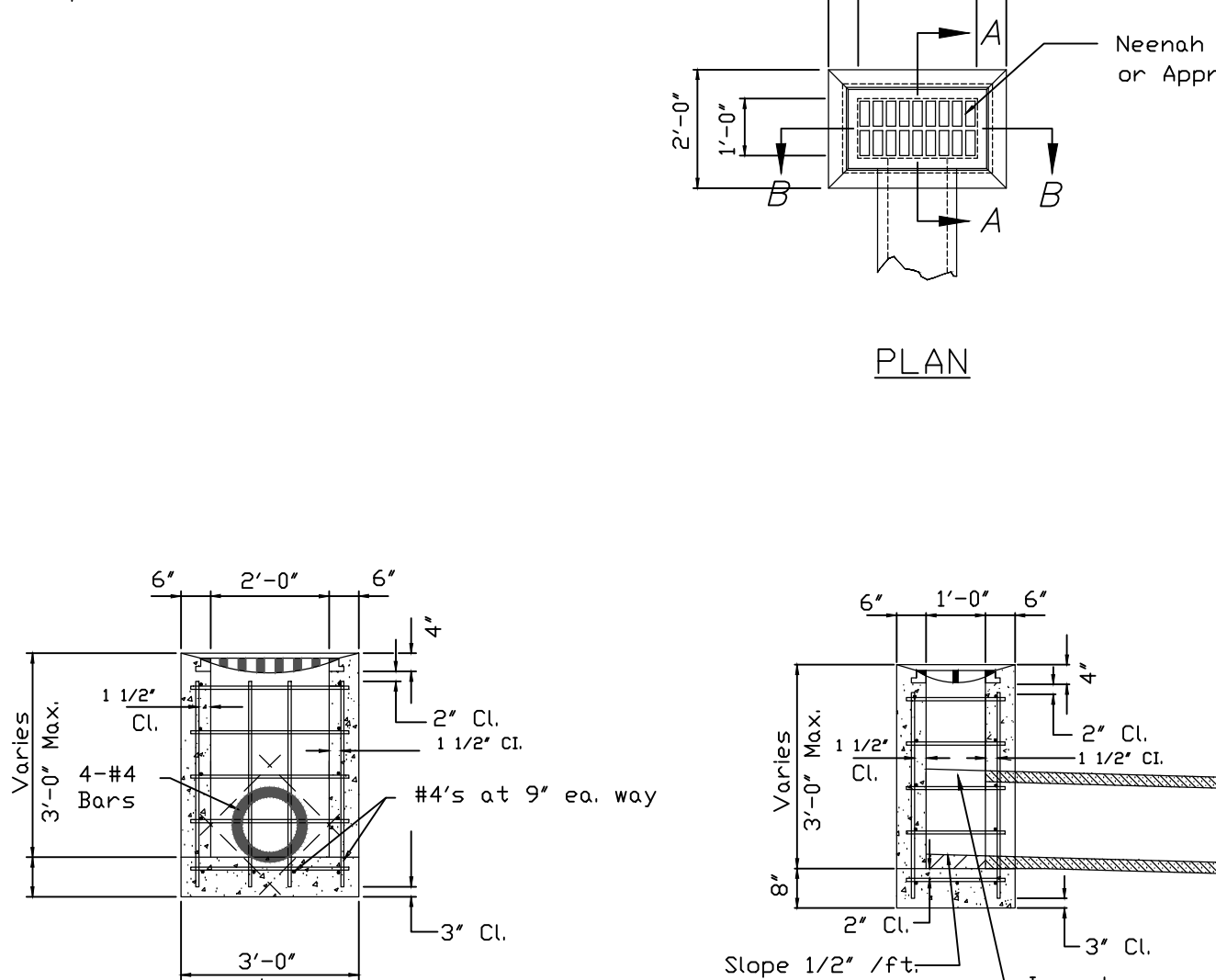
CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title CIVIL - DETAIL SHEET		Phase ISSUED FOR BIDDING		Project Title KCVA -Inpatient Medicine Bed Addition		Project Number 589-017	
 		A/E: TRIPLE C THE A & E GROUP 2625 LINDELL BLVD. 2ND FLOOR, 2060 ST. LOUIS, MO 63108 MAT PERKINS 520-481-8548				 U.S. Department of Veterans Affairs		Approved:				Location 4801 Linwood Blvd, Kansas City, MO 64128		Building Number B1	
												Issue Date JULY 21, 2022		Drawing Number CS501A	
												Checked PERKINS		Drawn STRUBLE	



NOTES:
1. Provide cleanouts for laterals where directed by Agency.
2. Marker ball at upstream end of lateral may be deleted for laterals with cleanouts.

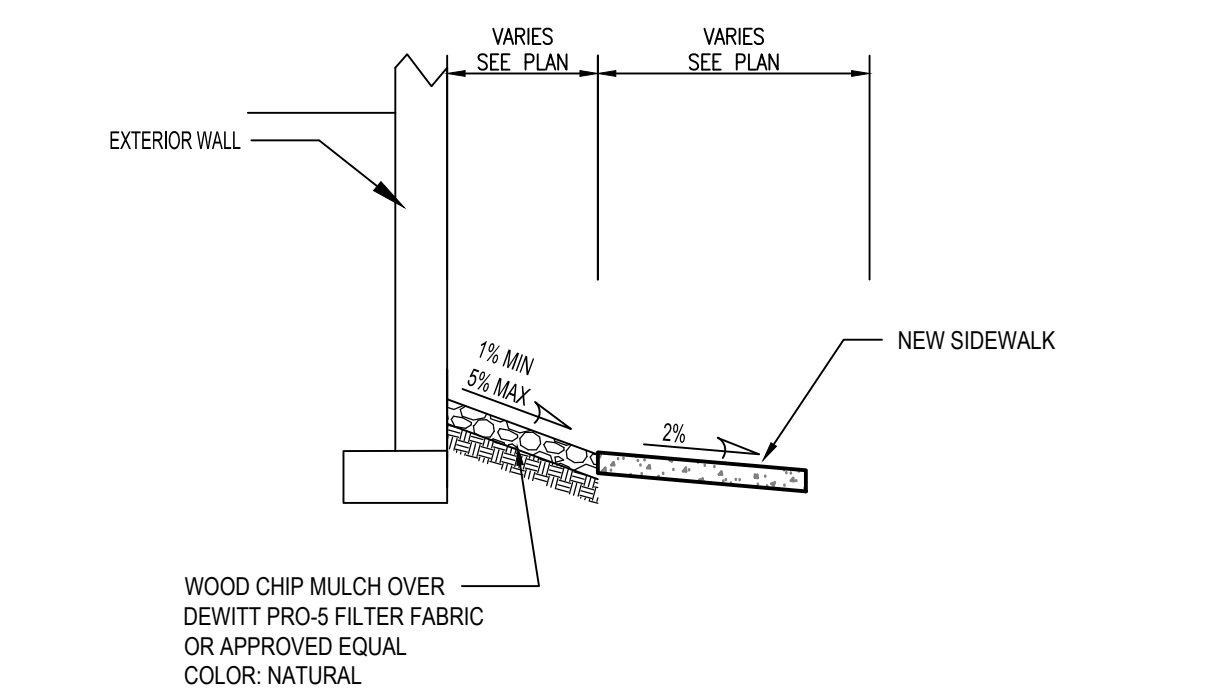
C1 SANITARY / STORM CLEAN-OUT
NOT TO SCALE

NOTE:
1. Location point at center of inlet.
2. A separate top slab may be utilized.
3. Pour base and invert monolithic for precast inlets.

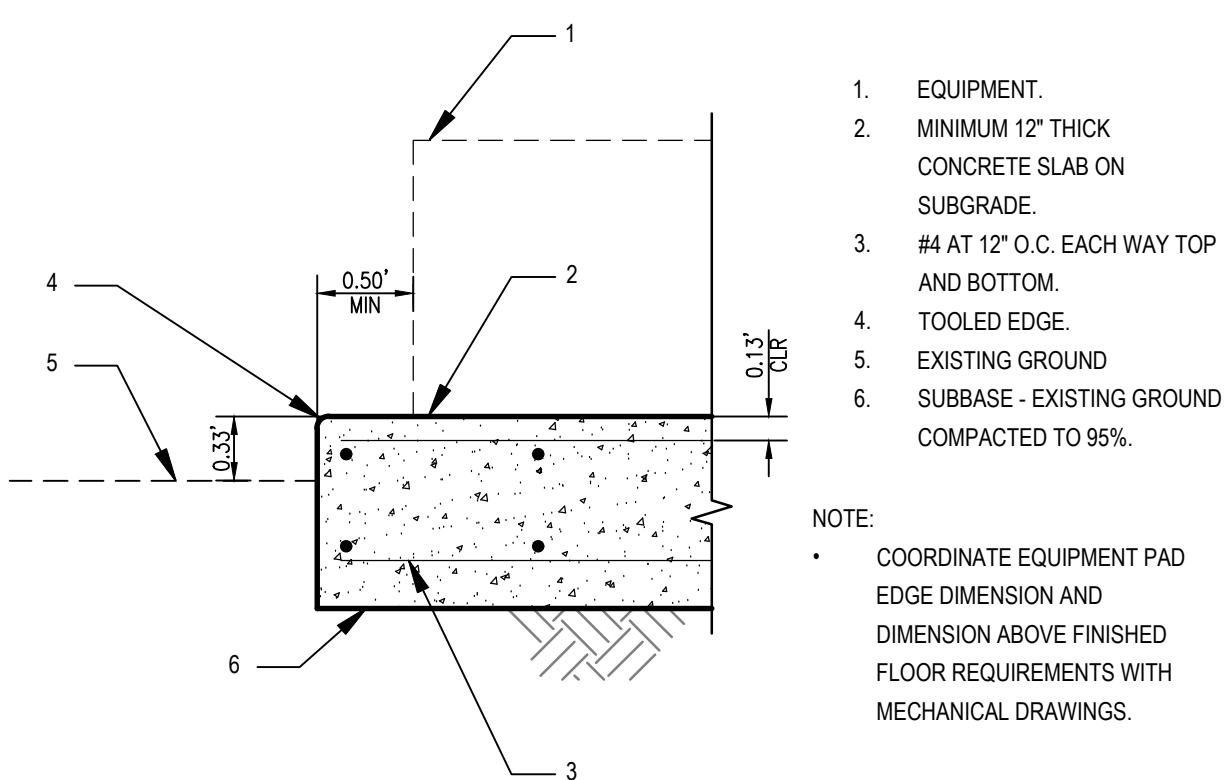


SECTION B-B
SECTION A-A
SINGLE GRATE INLET DETAILS

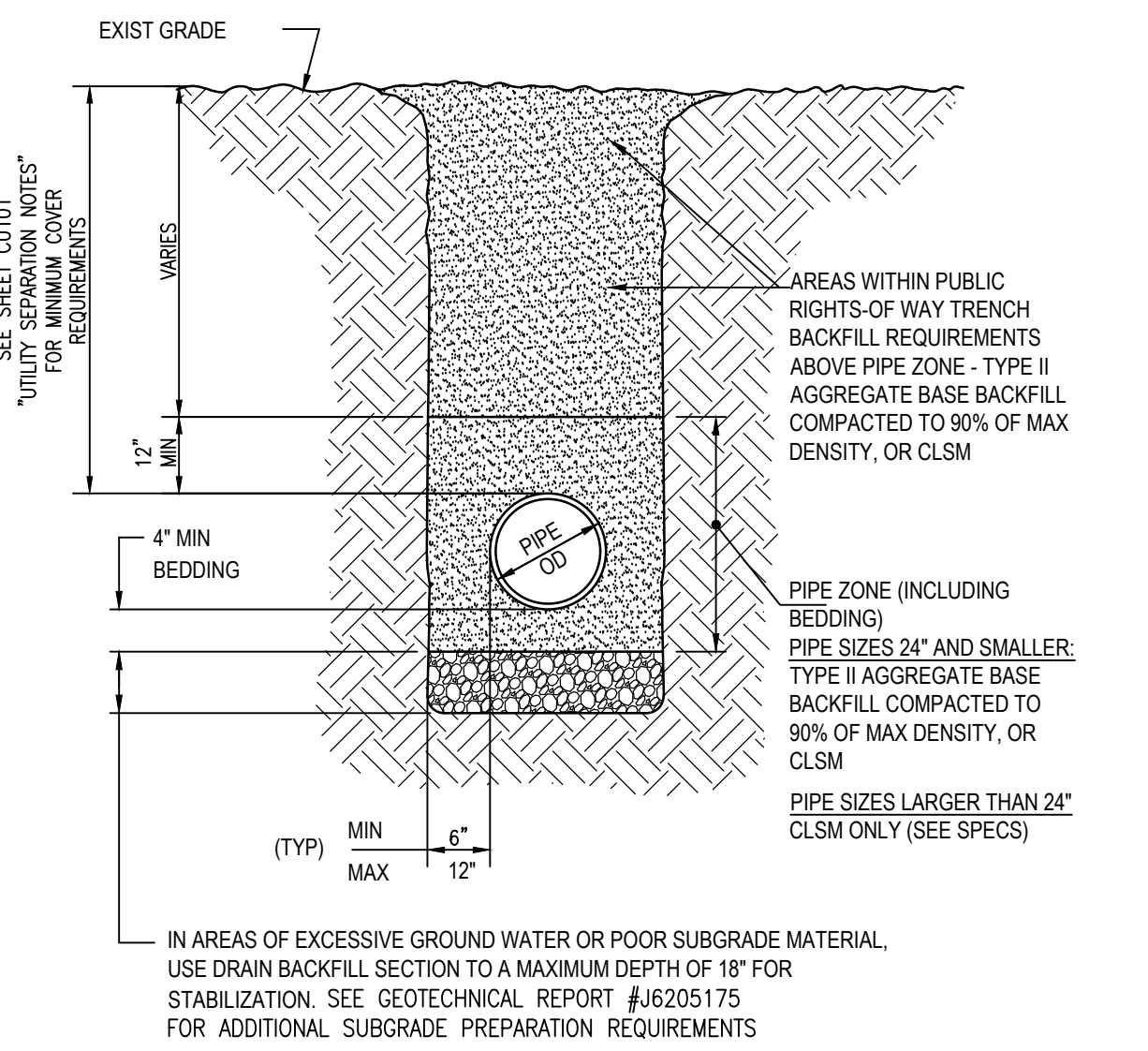
F1 STORM DRAIN CATCH BASIN
NOT TO SCALE



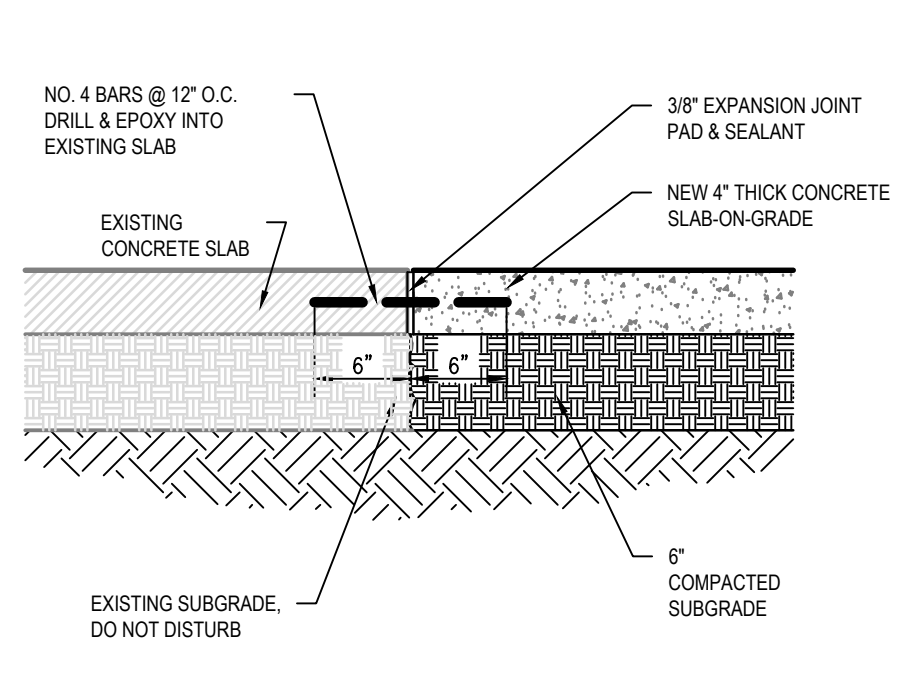
C1 CROSS SECTION
NOT TO SCALE



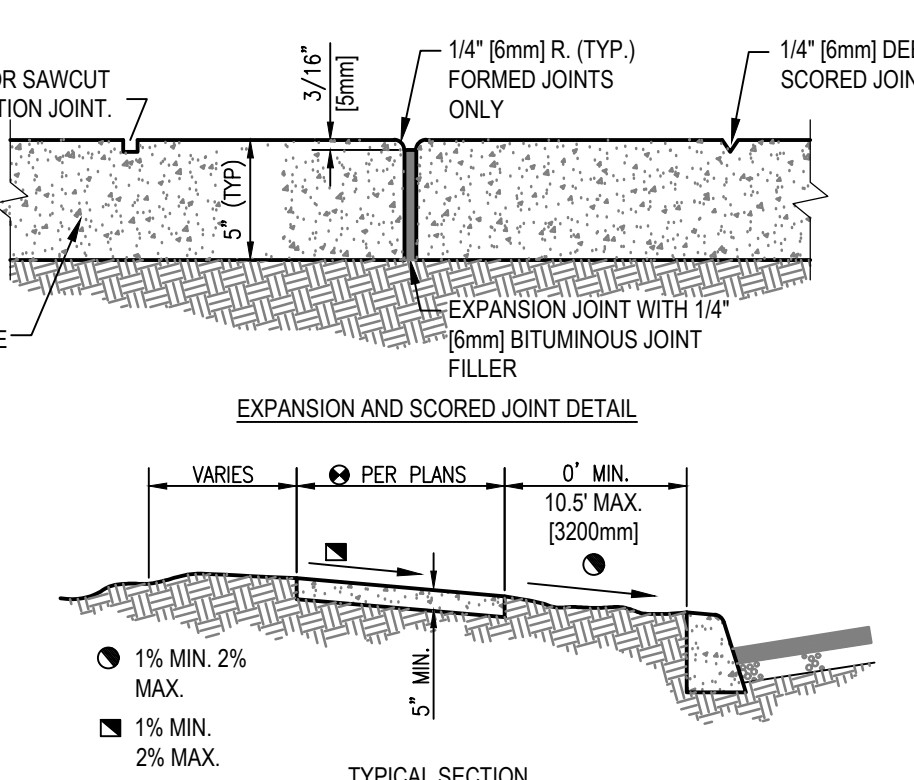
C3 OUTDOOR EQUIPMENT PAD
NOT TO SCALE



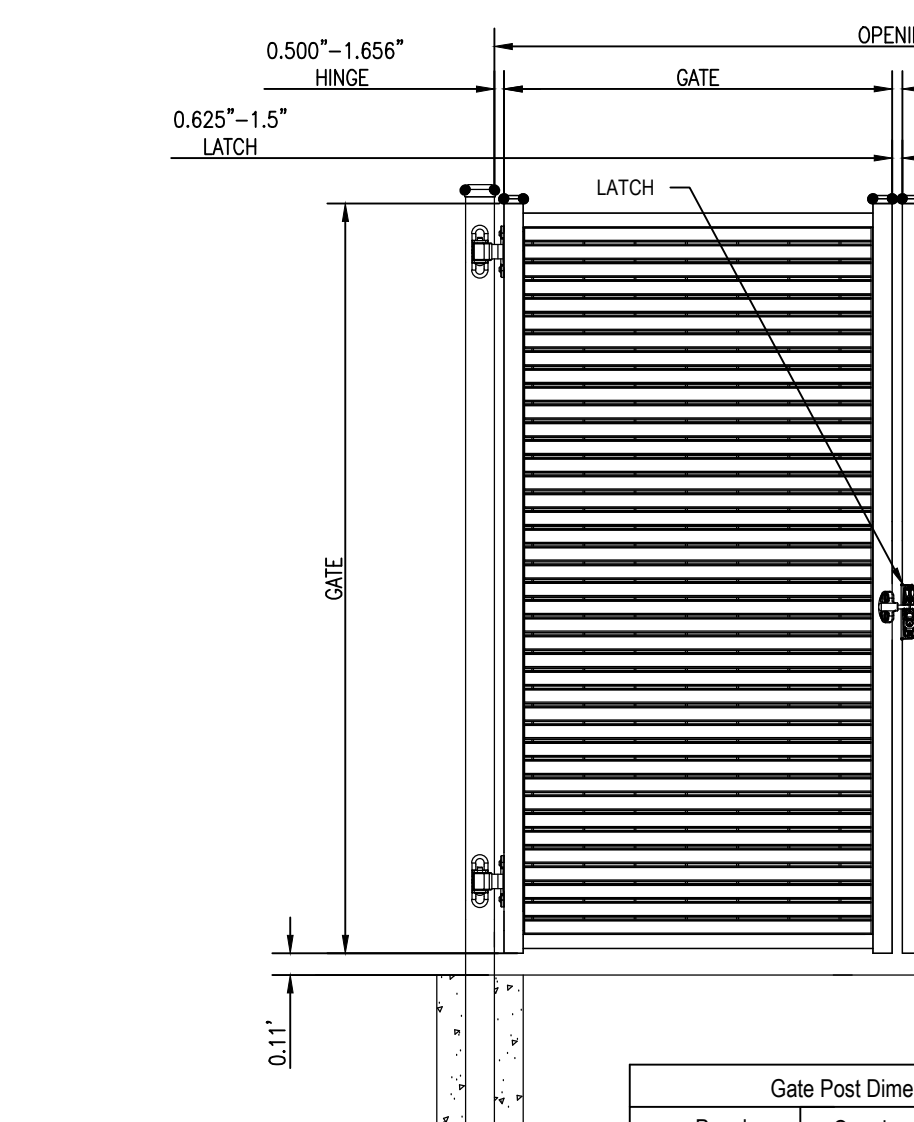
E3 TRENCH BACKFILL - UNPAVED AREAS
NOT TO SCALE



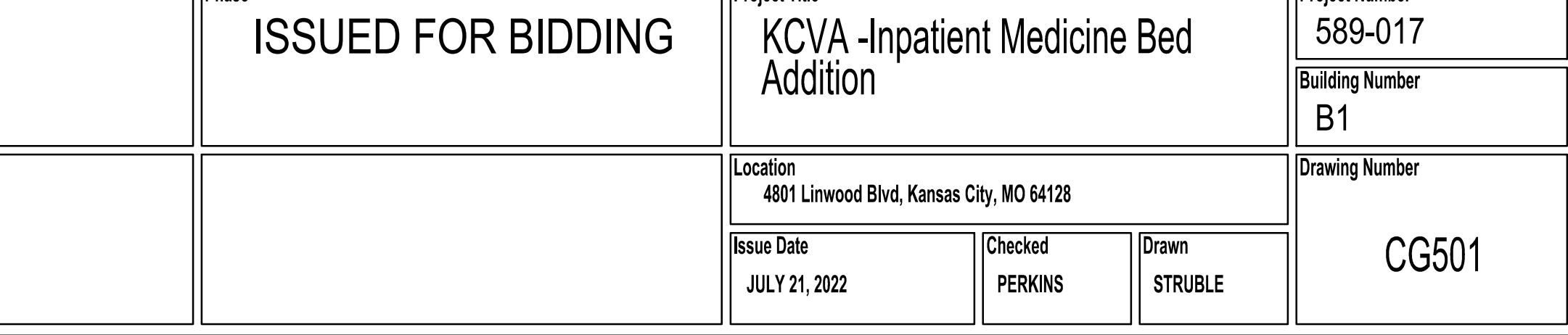
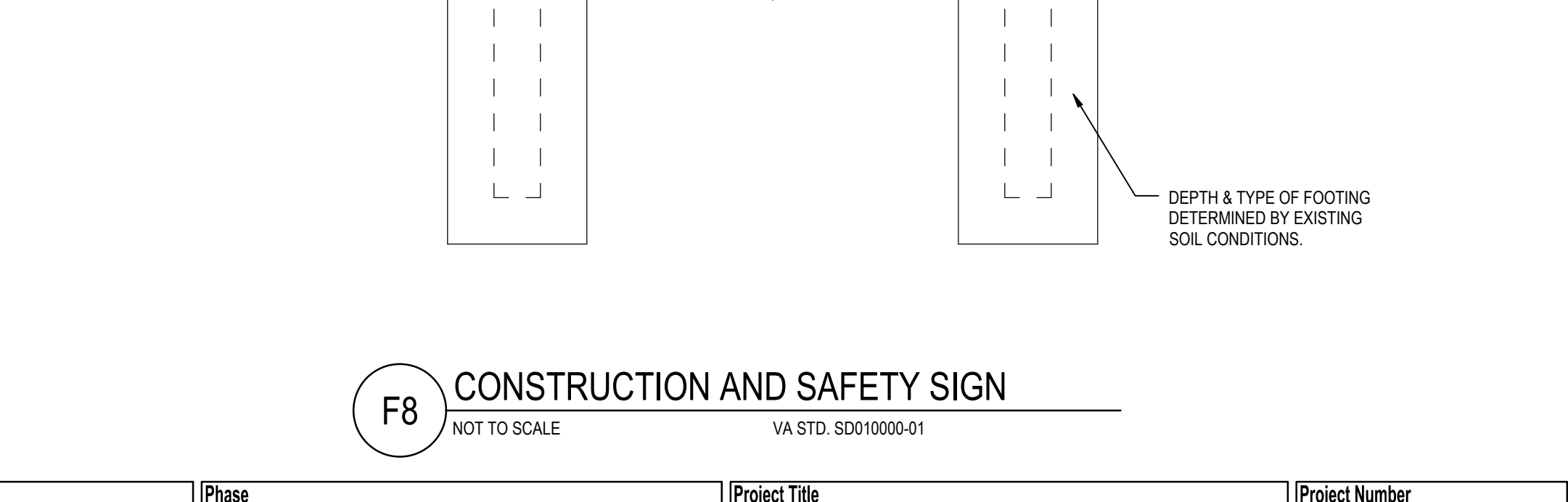
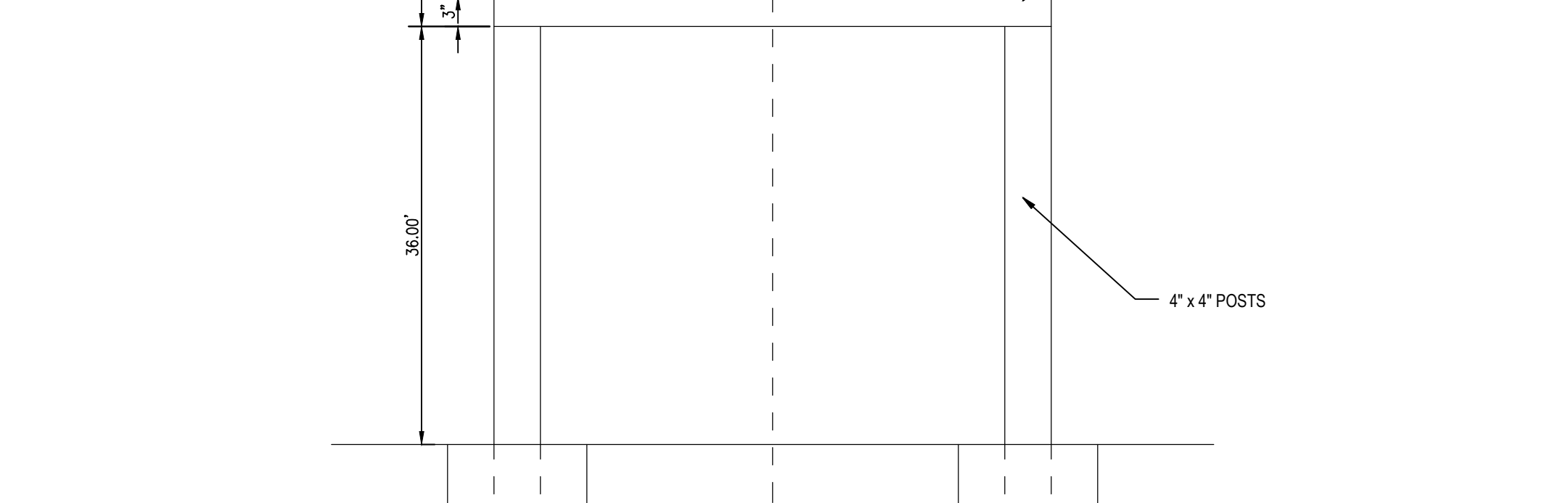
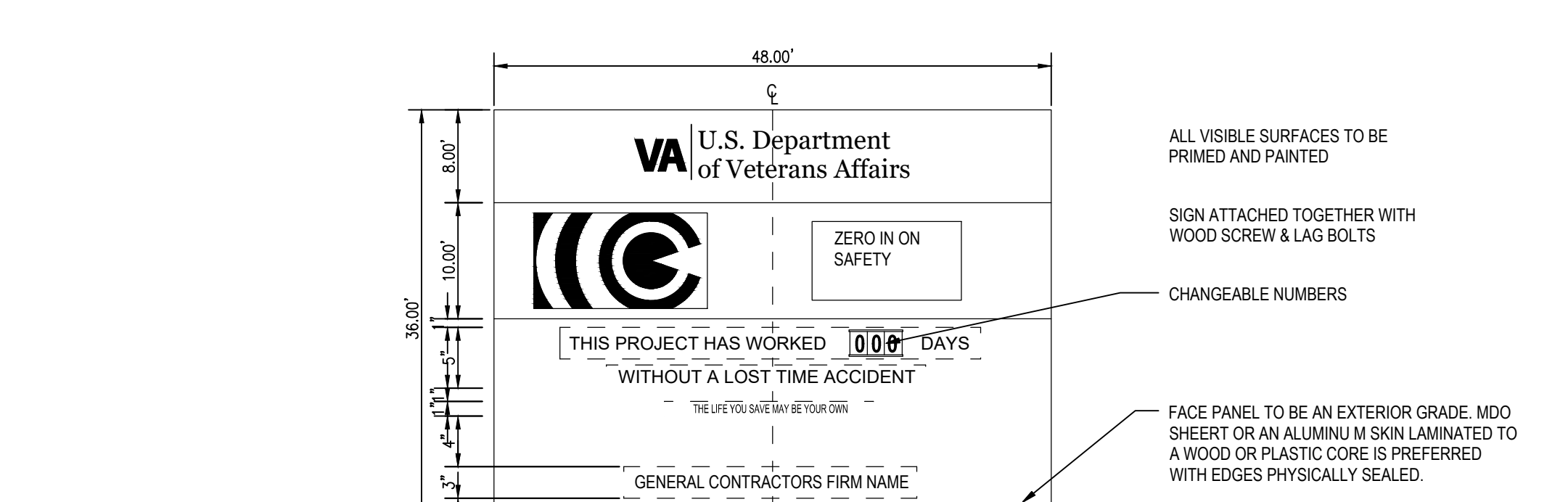
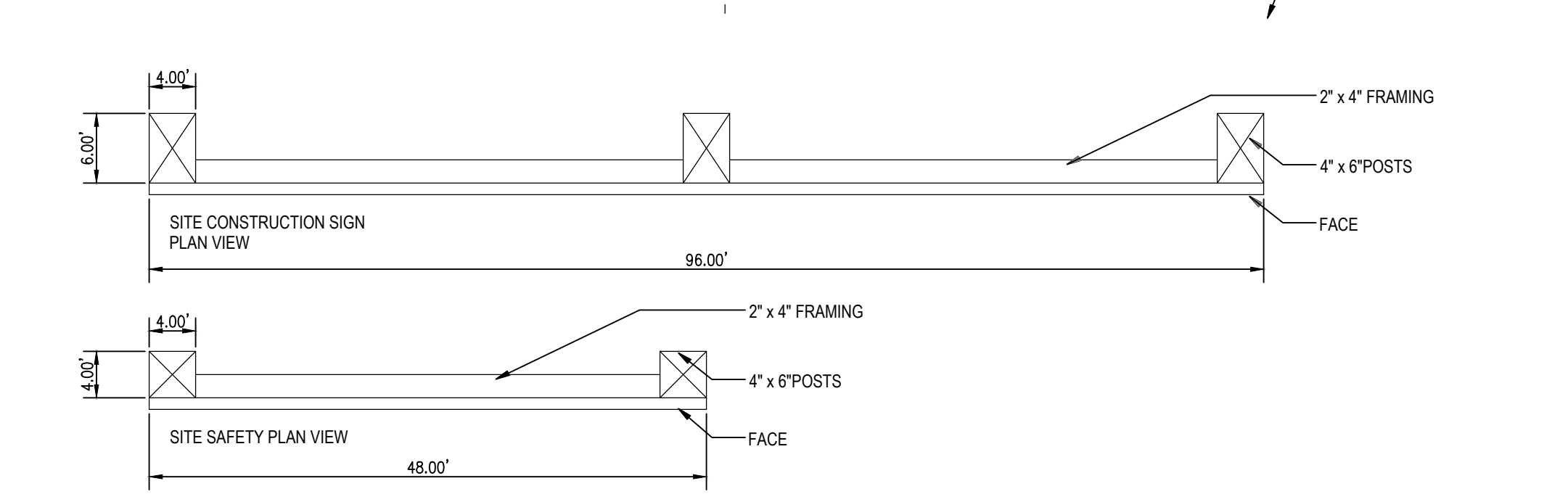
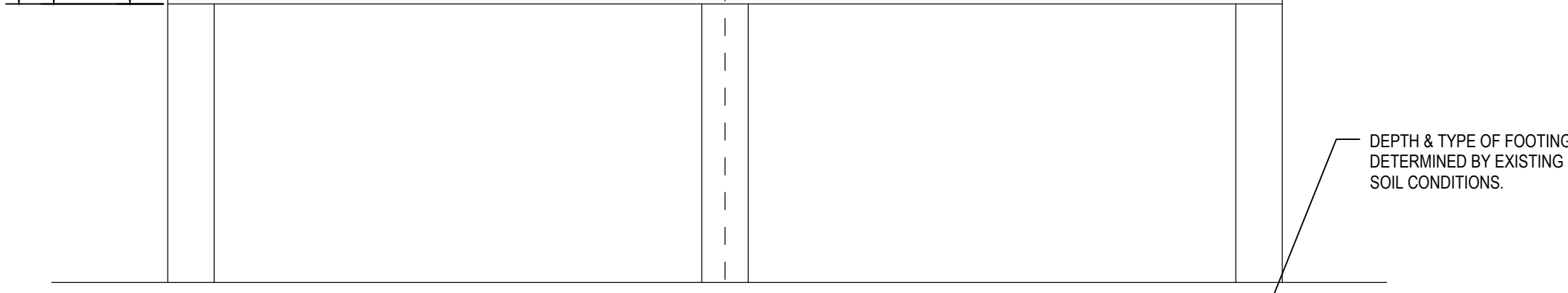
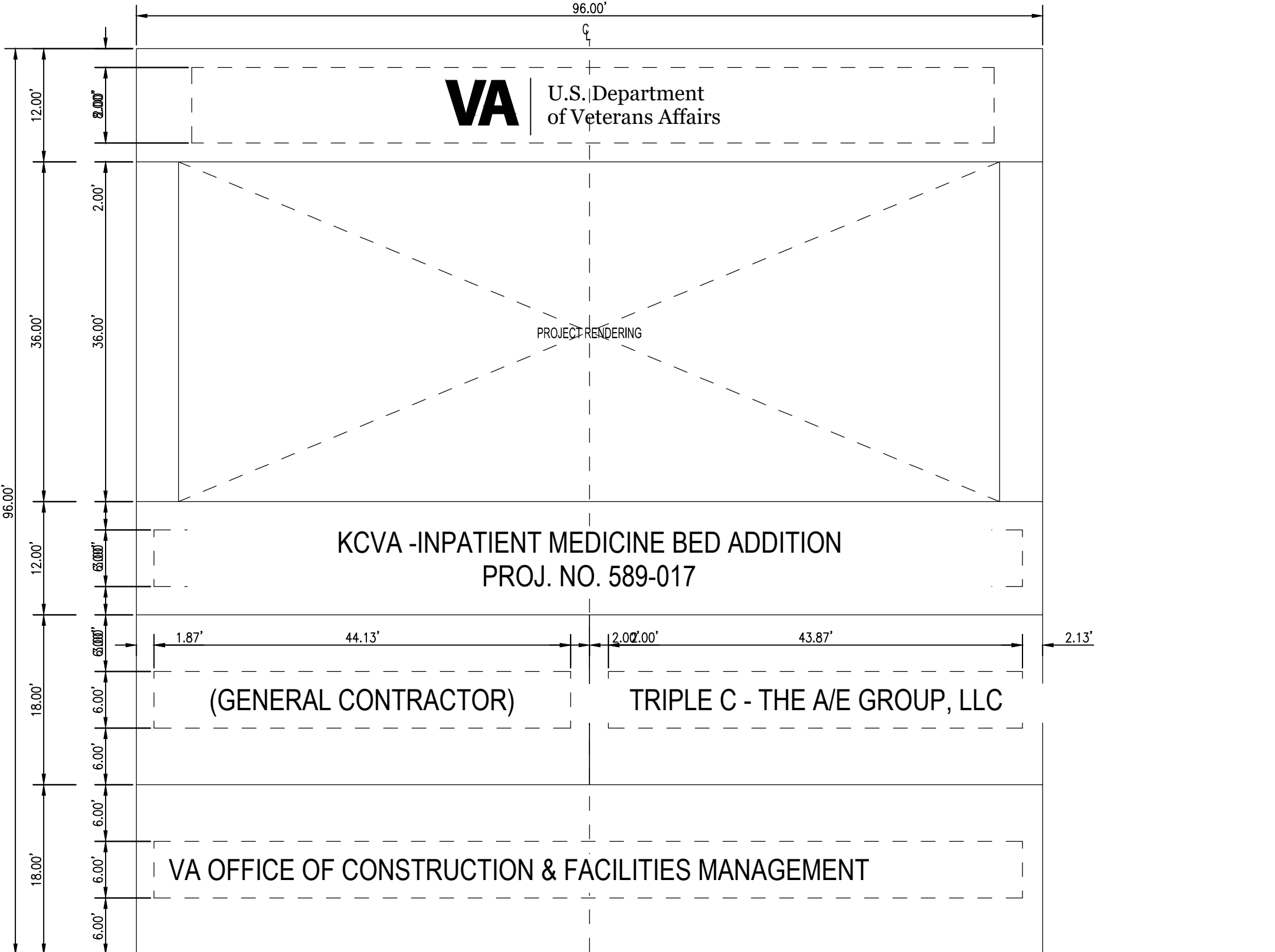
A5 CONCRETE EDGE DETAIL - TYP.
NOT TO SCALE



C5 CONCRETE SIDEWALK
NOT TO SCALE



F5 FENCE AND GATES AT MECHANICAL YARD
NOT TO SCALE



Revisions: Date:	CONSULTANT BOB D. CAMPBELL & CO. Structural Engineers Since 1957 MES GROUP	ARCHITECT/ENGINEER OF RECORD A/E: TRIPLE C THE A&E GROUP 2625 LINDELL BLVD, 2ND FLOOR, 2063 ST. LOUIS, MO 63108 MAT PERKINS 520-481-8548 TRIPLE C - THE A&E GROUP A MULTI-DISCIPLINE COMPANY	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title CIVIL - GRADING DETAILS	Phase ISSUED FOR BIDDING	Project Title KCVA - Inpatient Medicine Bed Addition	Project Number 589-017		
					Approved:		Location 4801 Linwood Blvd, Kansas City, MO 64128	Building Number B1		
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