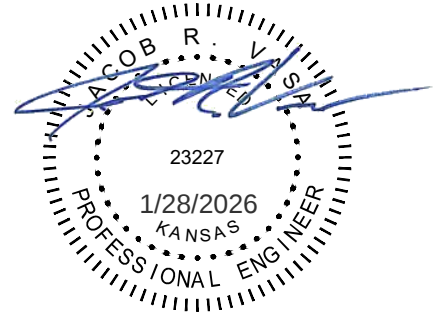


ADDENDUM NO. 1
January 28, 2026

Arbor Valley Phase II Improvements
Valley Center, KS



From: Short Elliott Hendrickson Inc.
15750 Dodge Rd, Suite 304 Omaha, NE 68118

To: Document Holders

DOCUMENT HOLDERS on the above-named project are hereby notified that this document shall be appended to, take precedence over and become part of the original bidding documents dated 1/11/2026 for this work. Bids submitted for the construction of this work shall conform to this document.

This addendum consists of 2 pages with two pages of Change descriptions, and two pages of detail/specifications.

Changes to Bidding Requirements:

1. The bid date for this project shall be updated to **Wednesday February 4th, 2026 at 10:45AM**. All references to the bid date in the bid documents shall be updated to this date and time.
2. Document No. 00 11 13 Advertisement For Bid: Delete in its entirety, in lieu thereof, substitute the attached Document No. 00 11 13 Advertisement for Bid (1/28/2026).
3. Sheets 30-43 of the plans are attached for reference.
4. The 'Thickened Edge Connection' shall follow the detail on sheet C-502, Detail D1 (no expansion material).
5. As a point of clarification, thermoplastic epoxy markings are allowed.
6. As a point of clarification, in the 'Grading Notes' Note 15 on Sheet 2 shall be omitted.
7. As a point of clarification, Bid Item 5 of Group A 'Clearing & Grubbing' shall include any necessary tree removal for utility installation (which includes the portion of water main from Sta. 260+00 to 265+00).
8. As a point of clarification, all water main pipe shall be PVC C900 DR 18. The grades breaks in the water main profile shows shorter lengths of PVC, however the contractor shall field adjust these breaks to fit with the called out PVC, rather than use DIP at these locations.
9. As a point of clarification, Bidders shall fill in the 'Start Date' and 'End Date' on the bid form. If these are not filled in, the bid may be rejected. These will be a part of the agreement document prepared with the successful bidder.
10. As a point of clarification, the erosion control devices are not required to be removed at the end of the project.
11. This project is Tax exempt.

Note: Receipt of this Addendum No. 1 (dated January 28, 2026) shall be acknowledged on the submitted Bid Form. Failure to do so may subject Bidder to disqualification.

END OF ADDENDUM

ADVERTISEMENT FOR BIDS

**ARBOR VALLEY PHASE II IMPROVEMENTS
Valley Center, Kansas
SEH No. VALCT 186186**

Notice is hereby given that Sealed Bids will be received by the City of Valley Center, Kansas until 10:45 a.m., Wednesday, February 4th, 2026, at the Valley Center City Hall, 121 South Meridian, Valley Center, KS 67147, at which time they will be publicly opened and read aloud, for the furnishing of all labor and material for the construction of ARBOR VALLEY PHASE II Improvements.

The Project includes approximately 6,440 SY of Pavement, 2,465 LF of Water Main, 12,615 CY of Excavation, and erosion control located north of Ford Street, in Valley Center, Kansas.

The Bidding Documents may be obtained electronically from SEH, Jake Vasa, PE, 402.480.4096, jvasa@sehinc.com.

Paper Bids shall be on the form provided for that purpose and according to the Bidding Requirements prepared by SEH dated January 11, 2026.

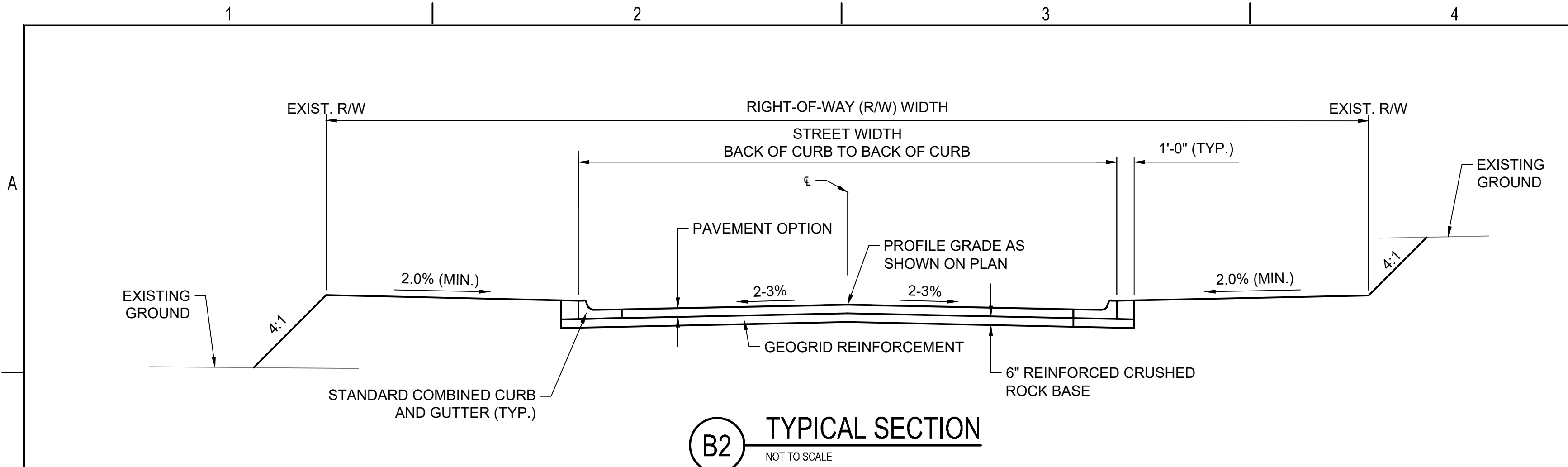
Emailed bids will be accepted. Please email to: jvasa@sehinc.com and KCarrithers@valleycenterks.org.

Bid security in the amount of 5 percent of the Bid must accompany each Bid in accordance with the Instructions to Bidders.

Bids shall be securely sealed and endorsed upon the outside wrapper, "BID FOR ARBOR VALLEY PHASE II IMPROVEMENTS, VALLEY CENTER, KS"

The Owner reserves the right to reject any and all Bids, to waive irregularities and informalities therein and to award the Contract in the best interests of the Owner.

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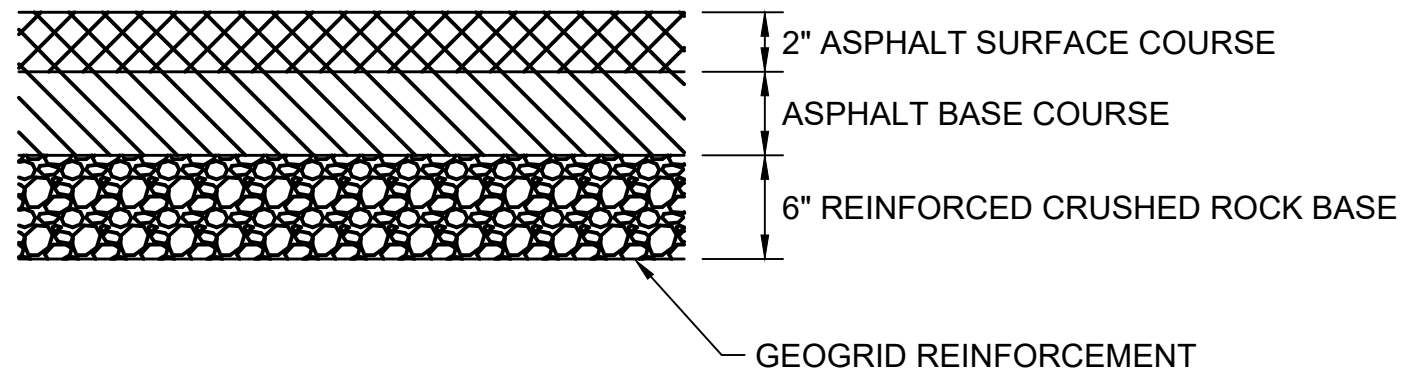


STREET WIDTH TABLE *	
STREET CLASSIFICATION	STREET WIDTH BK OF CB TO BK OF CB
ARTERIAL	**
COLLECTOR	41'
RESIDENTIAL	31'-35'

* PER CITY SUBDIVISION REGULATIONS, SECTION 16.06.08.
** SEE CITY SUBDIVISION REGULATIONS, SECTION 16.06.08.G AND H.

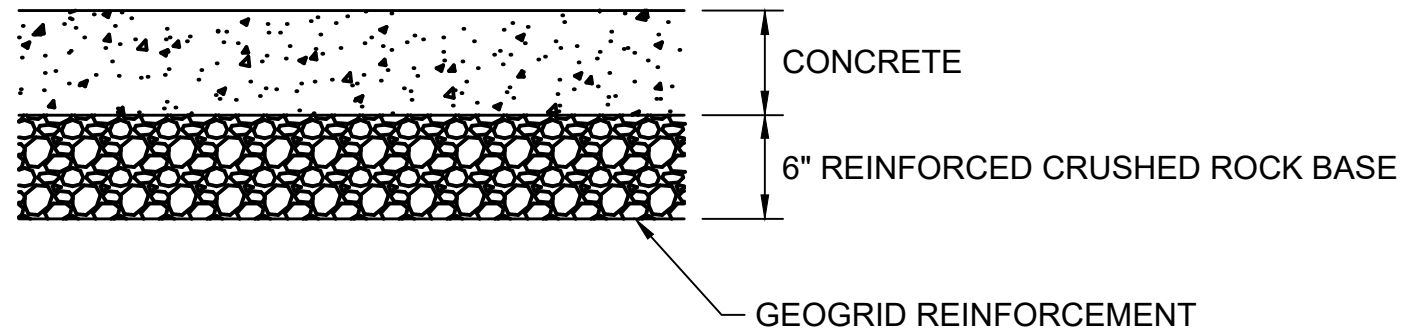
PAVEMENT THICKNESS TABLE			
PAVEMENT TYPE	RESIDENTIAL	SECONDARY	ARTERIAL
ASPHALTIC CONCRETE	5" MIN.	7" MIN.	8" MIN.
CONCRETE	6" MIN.	6" MIN.	7" MIN.

D= THICKNESS OF ADJACENT PAVEMENT



A5 PAVEMENT OPTION, ASPHALTIC CONCRETE

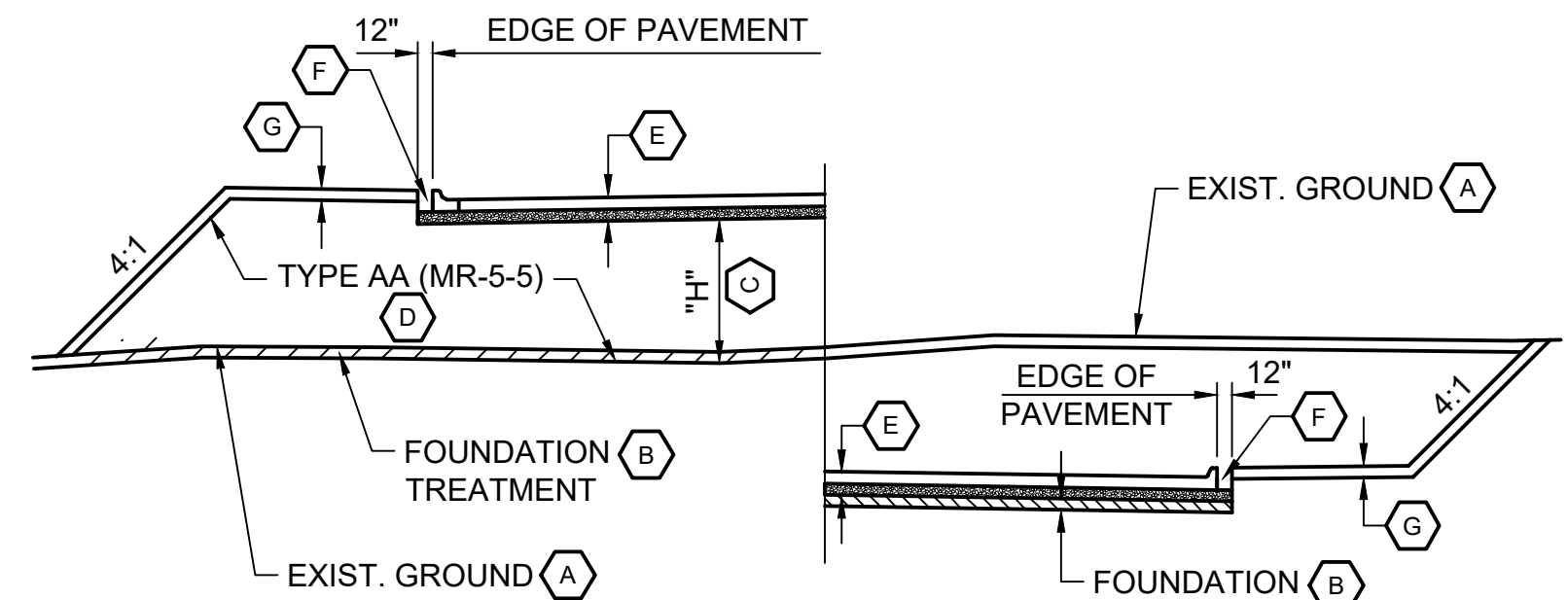
NOT TO SCALE



B5 PAVEMENT OPTION, CONCRETE

NOT TO SCALE

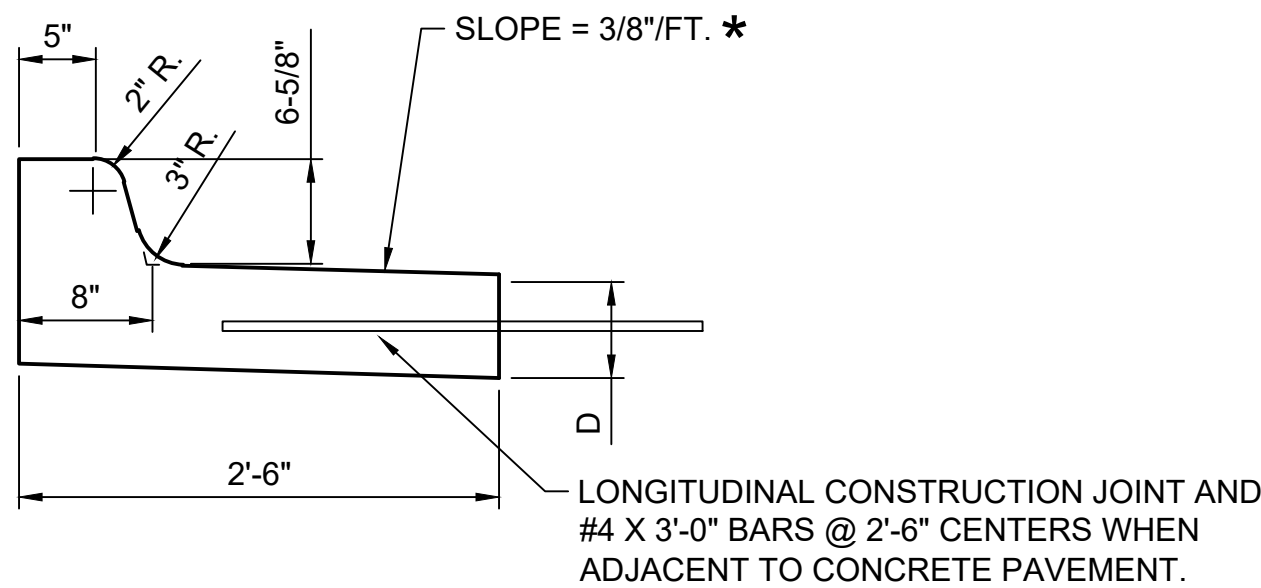
NOTES:
THICKNESS WILL VARY DEPENDING ON THE INTENDED USE. SEE TABLE BELOW FOR MINIMUM PAVEMENT THICKNESS.



E1 FOUNDATION TREATMENT & COMPACTION DIAGRAM

NOT TO SCALE

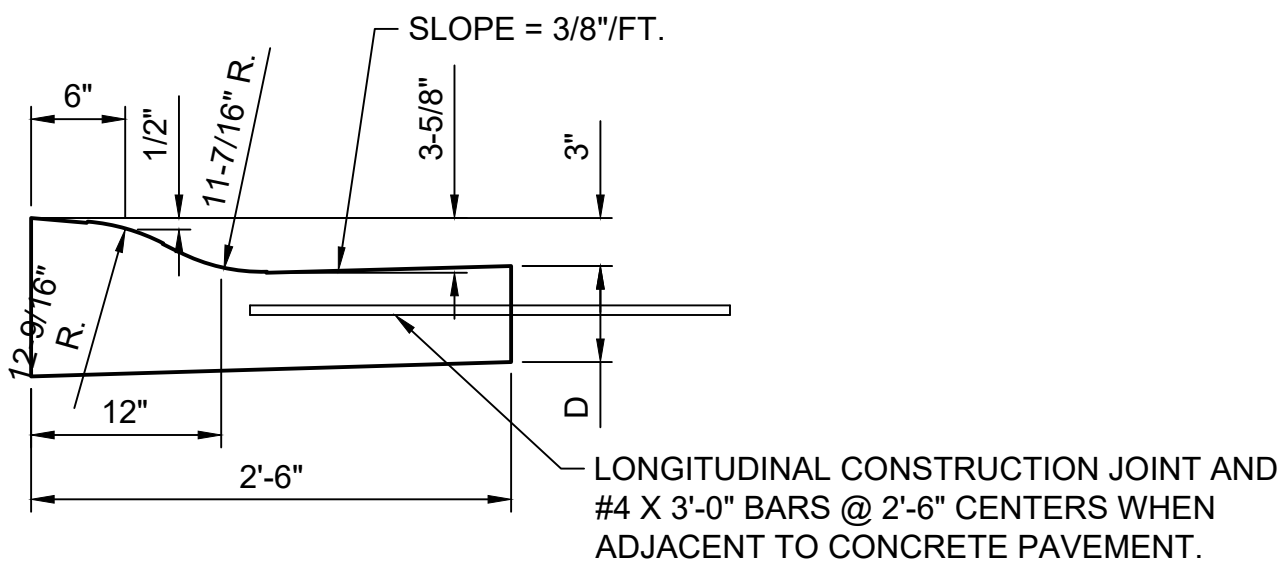
- A STRIP TOPSOIL, SEE RD599A.
B SCARIFY AND COMPACT (6 INCHES) TO 95% ASTM D698.
C "H" EQUALS FULL EMBANKMENT HEIGHT.
D COMPACT TO 95% ASTM D698.
E PAVEMENT SECTION, SEE TYPICAL SECTIONS THIS SHEET.
F BACKFILL WITH SATISFACTORY SOIL. COMPACT TO 95% ASTM D698.
G PLACE TOPSOIL, SEE RD599A (SALVAGE TOPSOIL).



* SLOPE SAME AS ADJACENT PAVEMENT. CONTRACTOR SHALL VERIFY DIRECTION OF SLOPE WITH FINAL GRADING.

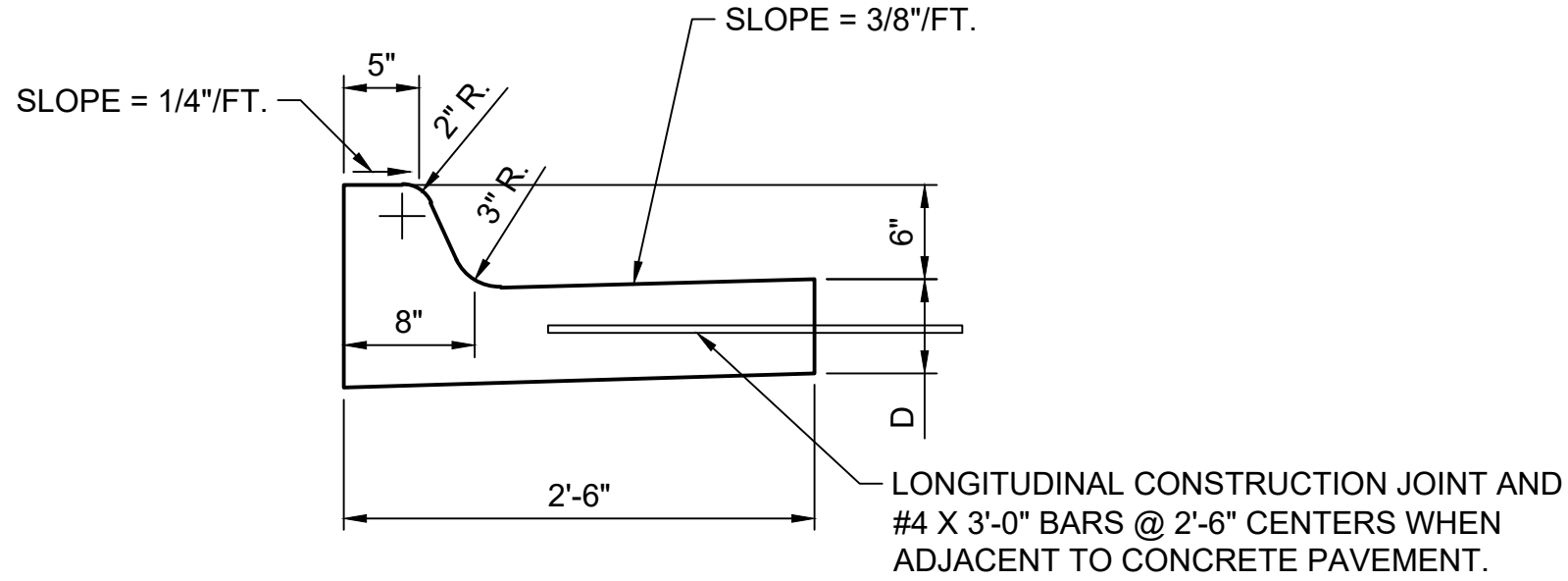
D3 MEDIAN COMBINED CURB & GUTTER (6 5/8")

NOT TO SCALE



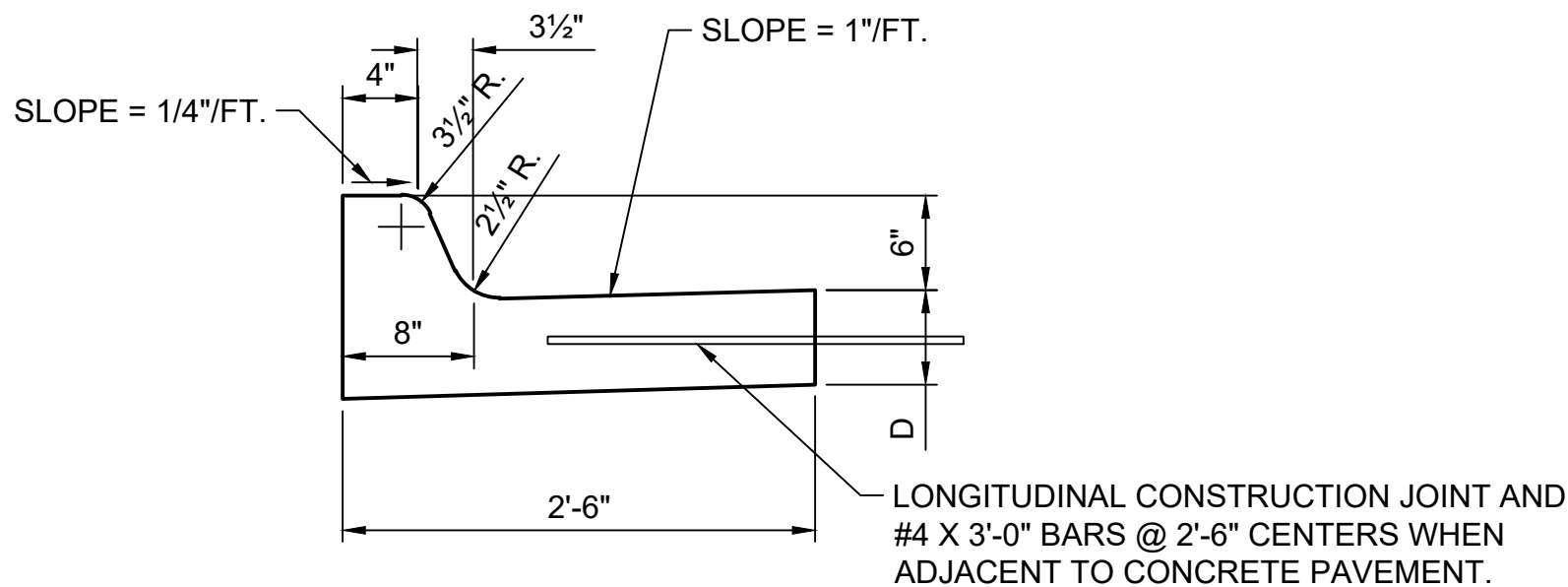
E4 ROLL-TYPE CURB & GUTTER (3-5/8")

NOT TO SCALE



D5 STANDARD COMBINED CURB & GUTTER (6-5/8")

NOT TO SCALE



E5 ARTERIAL COMBINED CURB AND GUTTER (6")

NOT TO SCALE



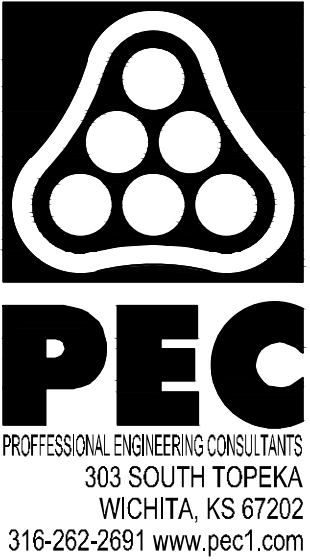
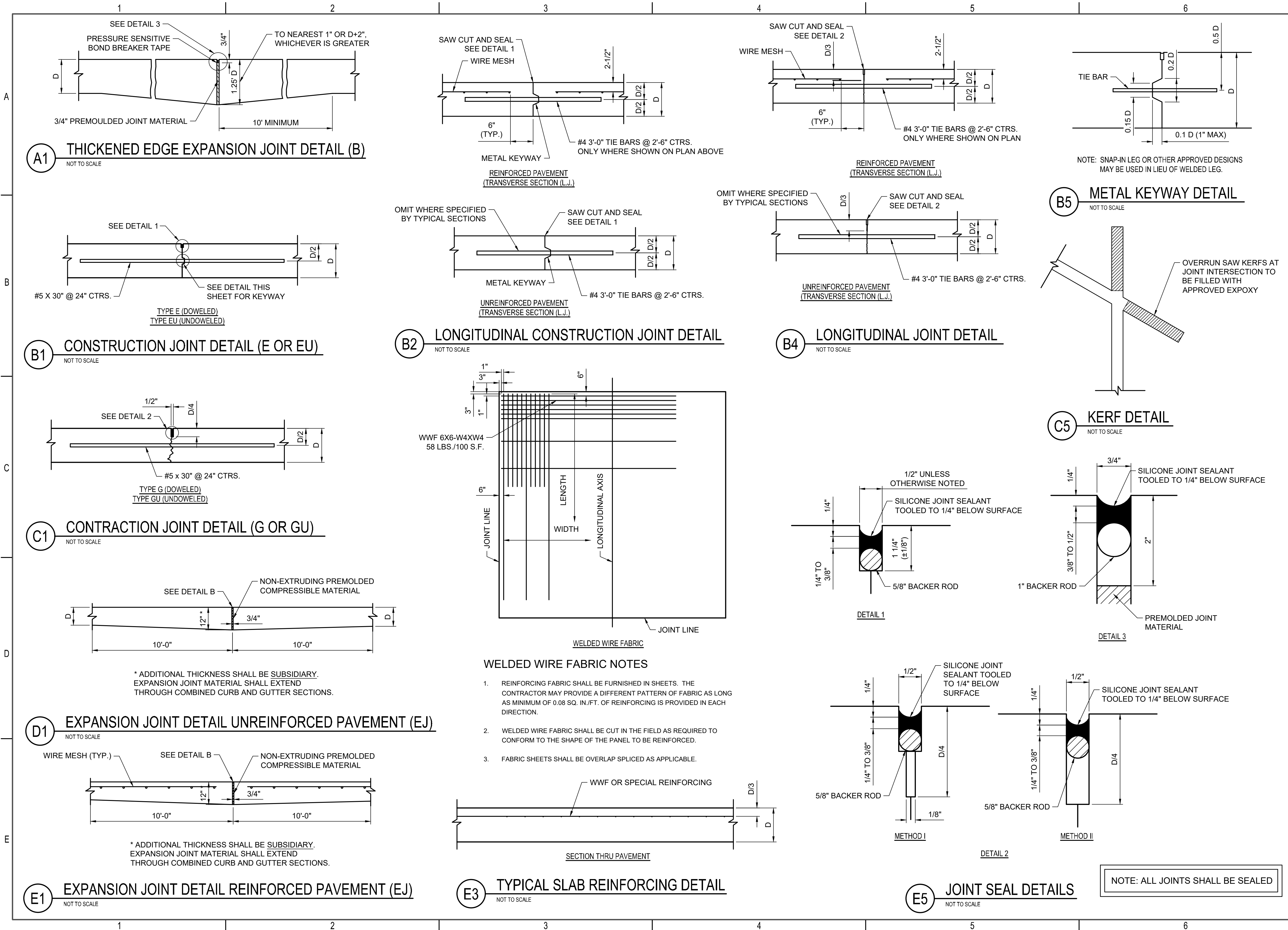
VALLEY CENTER
STANDARD DETAILS
VALLEY CENTER, KS

Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21
JOB NO.	217013-001	
DATE	10 MARCH 2021	
PM	JAG	
DESIGNED BY	JAG	
DRAWN BY	DSB	
CHECKED BY	MEB	

TYPICAL PAVING SECTIONS

C-501

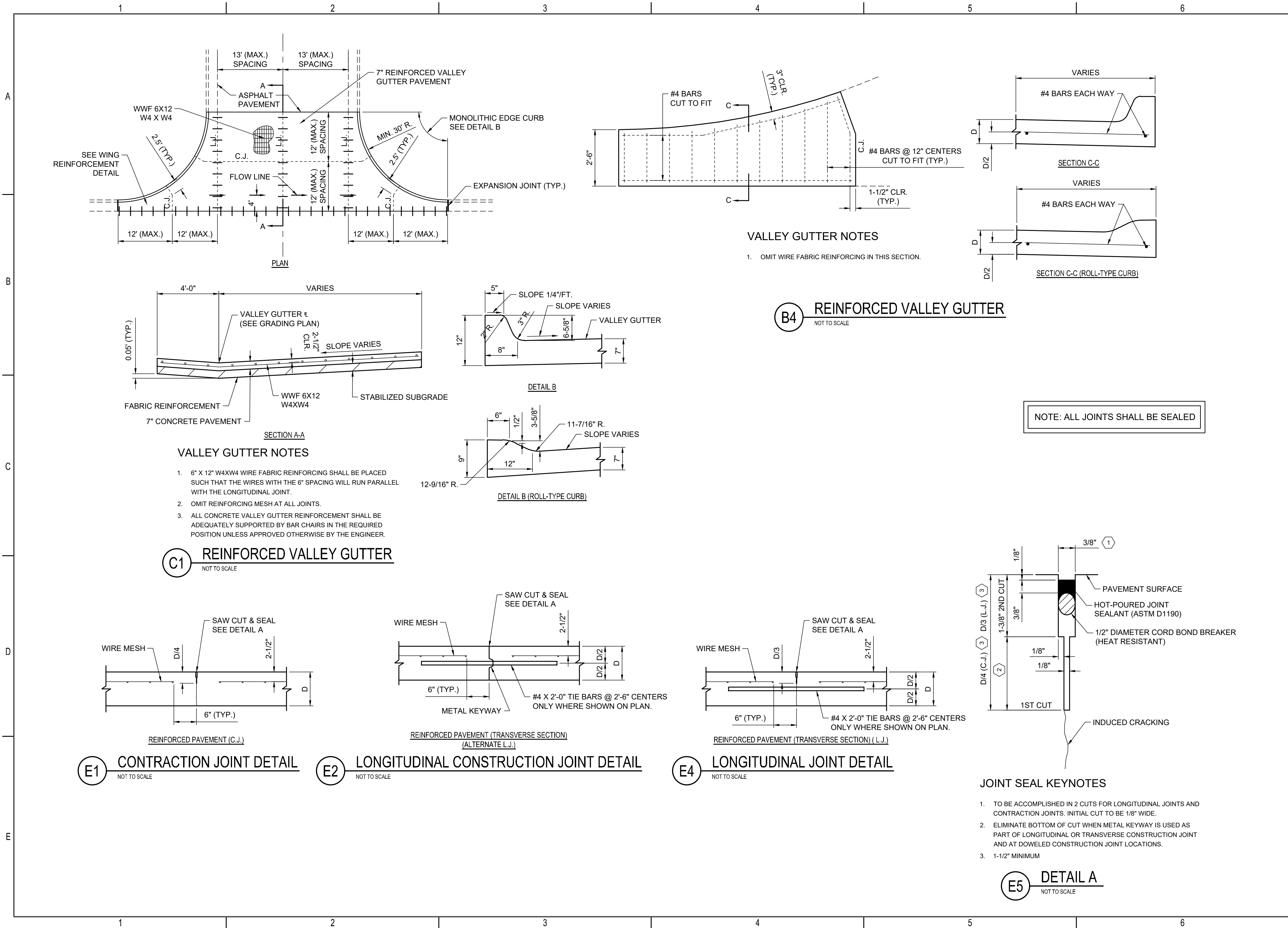
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 AND JOINTING DETAILS.DWG



VALLEY CENTER
 STANDARD DETAILS
 VALLEY CENTER, KS

Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21
JOB NO.	217013-001	
DATE	10 MARCH 2021	
PM	JAG	
DESIGNED BY	JAG	
DRAWN BY	DSB	
CHECKED BY	MEB	
CONCRETE PAVEMENT AND JOINTING DETAILS		
C-502		

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DETAILS.DWG



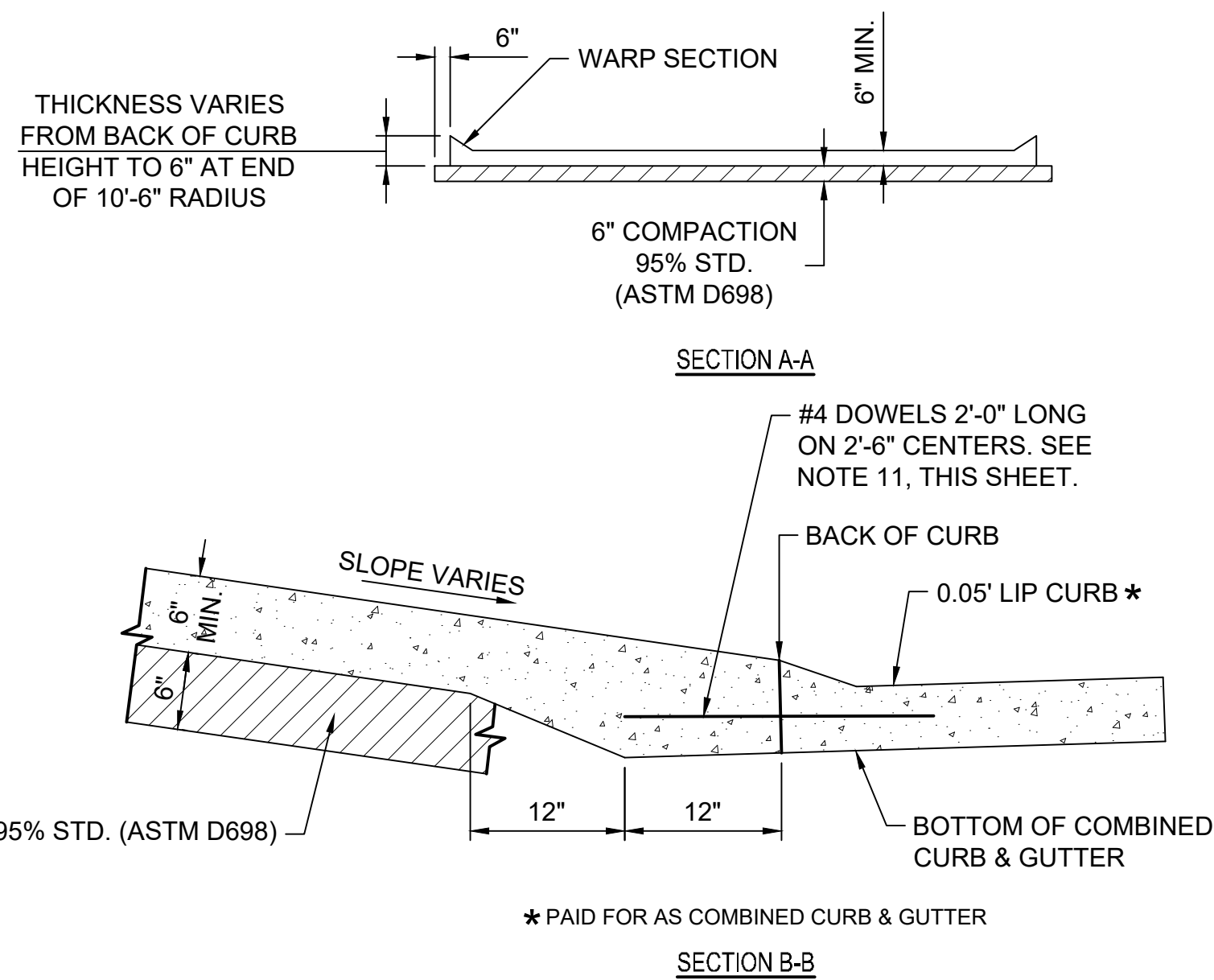
VALLEY CENTER STANDARD DETAILS VALLEY CENTER, KS

Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21

JOB NO.	217013-001
DATE	10 MARCH 2021
PM	JAG
DESIGNED BY	JAG
DRAWN BY	DSB
CHECKED BY	MEB

CONCRETE VALLEY GUTTER
DETAILS

C-503



D3 CONCRETE DRIVE DETAILS



E3 JOINT DETAILS FOR CONCRETE DRIVES
NOT TO SCALE

REINFORCED CONCRETE DRIVE NOTES

1. CONCRETE DRIVE ENTRANCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF VALLEY CENTER STANDARD SPECIFICATIONS, SECTION 32 13 13 "CONCRETE PAVING."
2. THE CONTRACTOR SHALL PROVIDE A FULL DEPTH SAW CUT AT THE LIMITS OF CONSTRUCTION. SAW CUTS AT THE FLOWLINE OF EXISTING CURB AND GUTTER WILL NOT BE ALLOWED.
3. ONE LONGITUDINAL JOINT SHALL BE CONSTRUCTED ALONG THE CENTERLINE OF DRIVES HAVING A "W" DIMENSION OF 20' OR LESS. TWO LONGITUDINAL JOINTS SHALL BE CONSTRUCTED WITH EQUAL SPACINGS OF 10' OR LESS FOR DRIVES WITH A "W" DIMENSION GREATER THAN 20'.
4. JOINT SPACING SHALL BE ADJUSTED TO ALIGN WITH OUTER EDGE OF SIDEWALK WHERE SIDEWALK ABUTS DRIVE CONSTRUCTION.
5. ADDITIONAL THICKNESS OF DRIVE PAVEMENT AS INDICATED IN SECTION B-8 SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR DRIVEWAY PAVEMENT.
6. EXPANSION JOINTS ONE-HALF-INCH WIDE SHALL BE INSTALLED WHEN CONCRETE DRIVE ABUTS AN EXISTING CONCRETE DRIVE.
7. FOR BIDDING PURPOSES, ALL RESIDENTIAL DRIVEWAYS SHALL BE 6" IN THICKNESS AND SHALL BE REINFORCED. ALL COMMERCIAL/INDUSTRIAL DRIVEWAYS SHALL BE 8" IN THICKNESS AND SHALL BE REINFORCED. REINFORCEMENT SHALL BE 6" x 6" W2-W2-W2 WELDED WIRE FABRIC. ALL REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER.
8. DRIVE APPROACHES SHALL BE CONSTRUCTED TO THE STREET RIGHT-OF-WAY LINE OR AT THE LIMITS SHOWN ON THE PLANS AT A GRADE WHICH WILL ALLOW SMOOTH HOOKUP TO THE EXISTING DRIVEWAY. AT THE WRITTEN REQUEST OF THE PROPERTY OWNER, FURTHER GRADING, PAVEMENT REMOVAL, PAVING, ETC. ON PRIVATE PROPERTY MAY BE PERFORMED TO CONNECT TO EXISTING PAVEMENT, TO PROVIDE A FLATTER DRIVEWAY GRADE, OR TO OTHERWISE IMPROVE THE DRIVE. ALL ADDITIONAL COSTS FOR SUCH WORK SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND SHALL NOT BE A PART OF THIS PROJECT.
9. DRIVEWAY WIDTH DENOTED AS "W" ON THE DETAIL DRAWINGS SHALL BE A MINIMUM OF 12' (FEET) AND A MAXIMUM OF 50% OF PLATTED LOT WIDTH, UNLESS THE LOT IS ZONED AS MULTI-FAMILY.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ADA COMPLIANCE FOR SIDEWALK SECTIONS THROUGH DRIVES. ANY SECTION FOUND TO BE NON-COMPLIANT AFTER CONSTRUCTION SHALL BE REMOVED AND REPLACED WITHIN ADA ALLOWANCES BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
11. SUBSTITUTE DOWELS WITH EXPANSION JOINT WHERE CONCRETE CURB AND GUTTER IS TIED TO MAIN LINE PAVING.



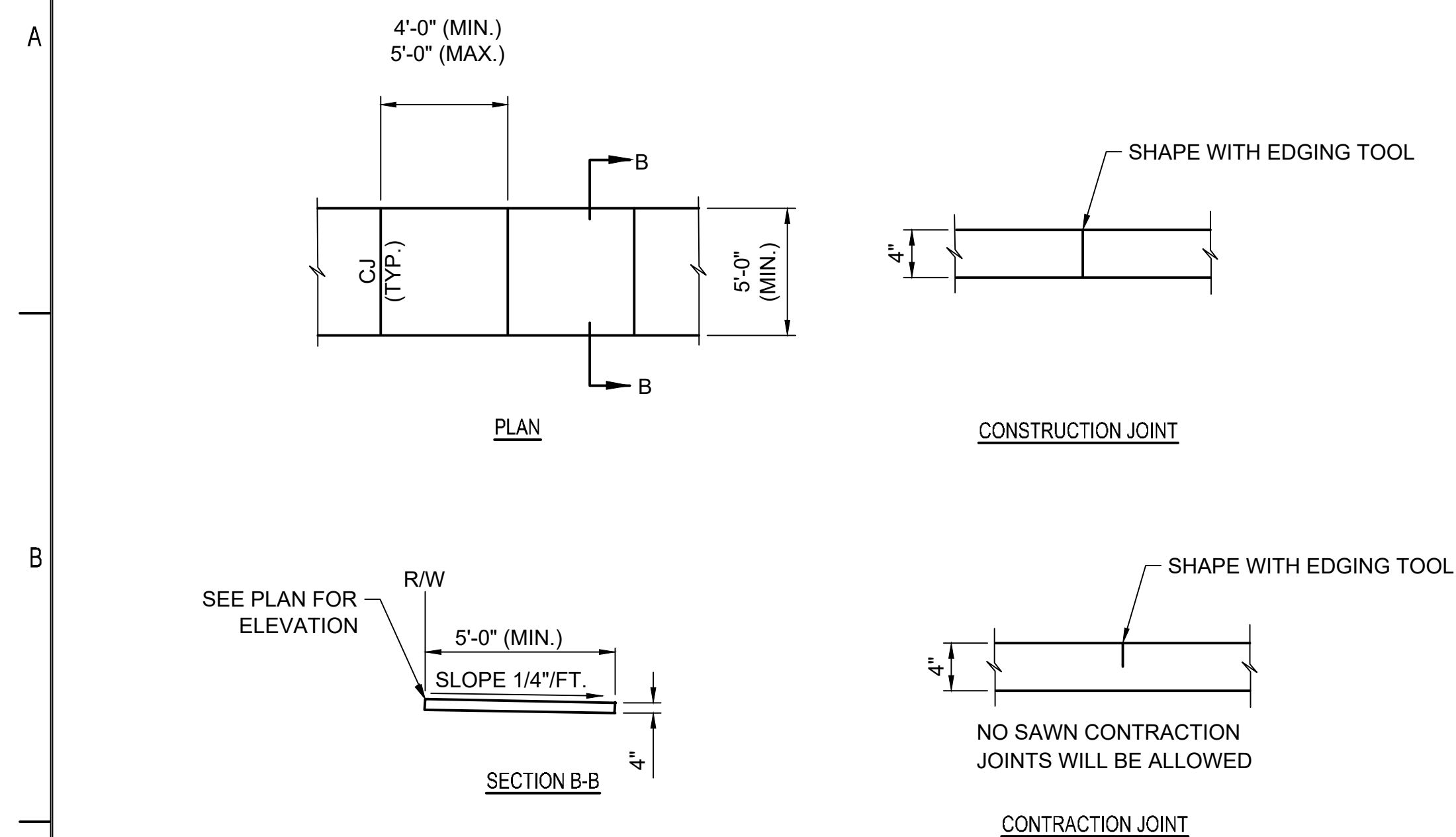
VALLEY CENTER
STANDARD DETAILS

VALLEY CENTER, KS

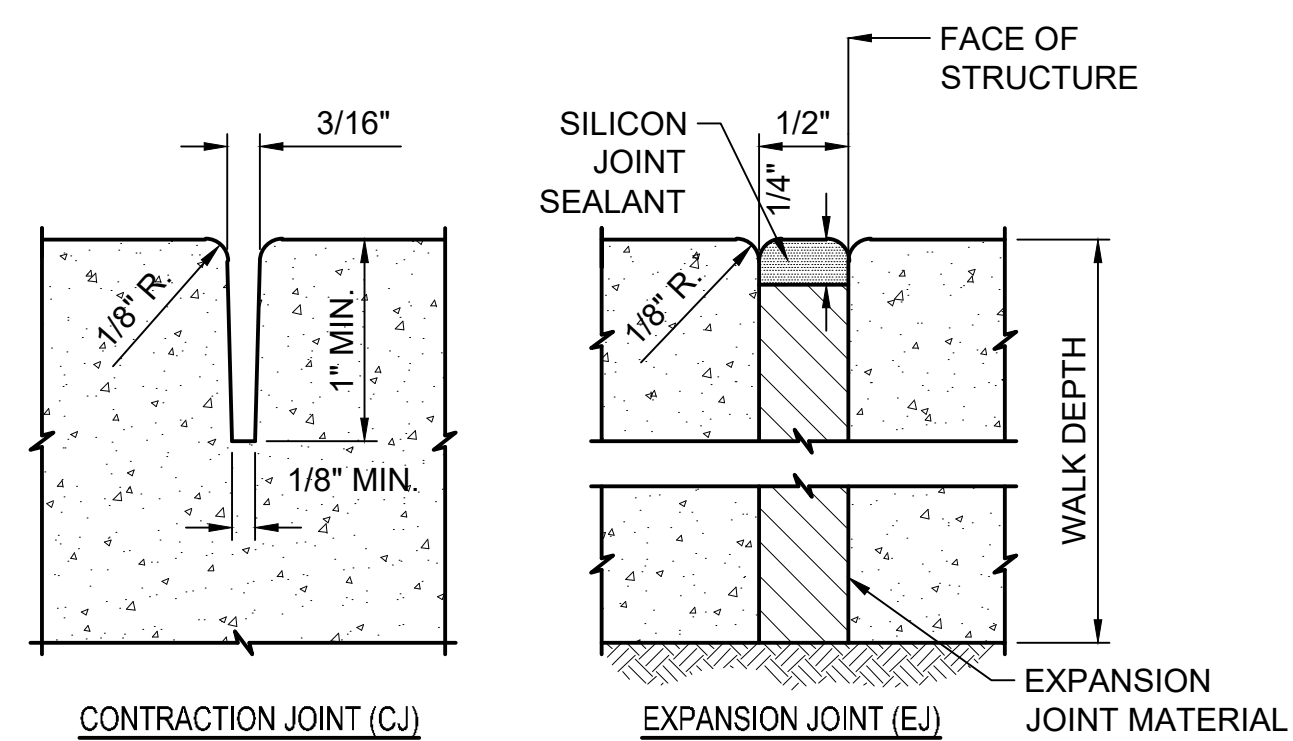
Issue:		
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PM	JAG	
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REINFORCED CONCRETE
DRIVE DETAILS

C-504



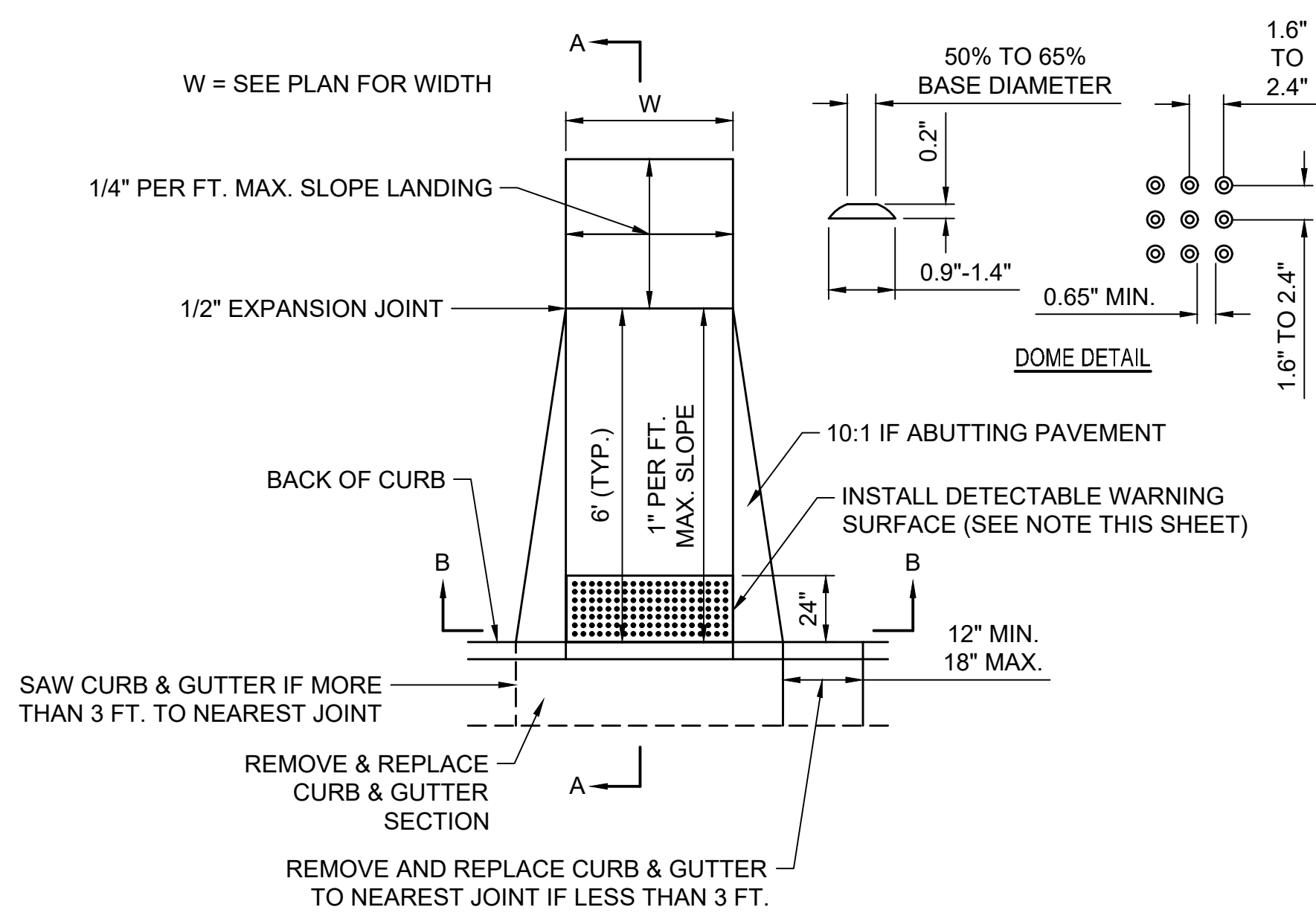
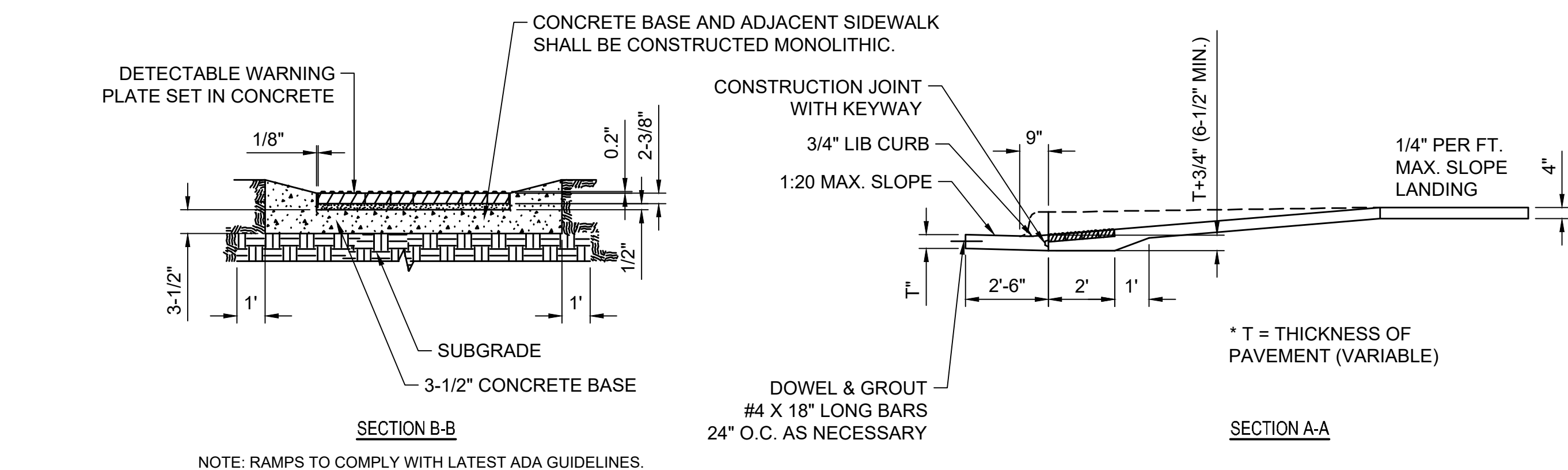
C1 4" WALK DETAILS
NOT TO SCALE



CONCRETE WALK JOINT NOTES

1. PROVIDE 1/2" EXPANSION JOINT MATERIAL AT ALL LOCATIONS WHERE NEW CONCRETE ABUTS EXISTING OR NEW STRUCTURES AND AT BACK OF CURB.

E1 CONCRETE WALK JOINT DETAILS



D4 STANDARD ACCESSIBLE RAMP
NOT TO SCALE

NOTE: RAMPS TO COMPLY WITH LATEST ADAAG GUIDELINES. PAVESTONE DETECTABLE WARNING PAVERS OR CAST-IN-TACT PANELS (OR AN APPROVED EQUAL) SHALL BE USED IN ALL WHEELCHAIR RAMPS. THE RED PAVER SHALL BE INSTALLED USING A BASKET WEAVE/PARQUET PATTERN. OTHER PATTERNS MAY BE USED WITH APPROVAL OF ENGINEER. SAND FILL JOINTS. ALIGNMENTS IN THE DIRECTION OF PEDESTRIAN TRAVEL.



VALLEY CENTER
STANDARD DETAILS

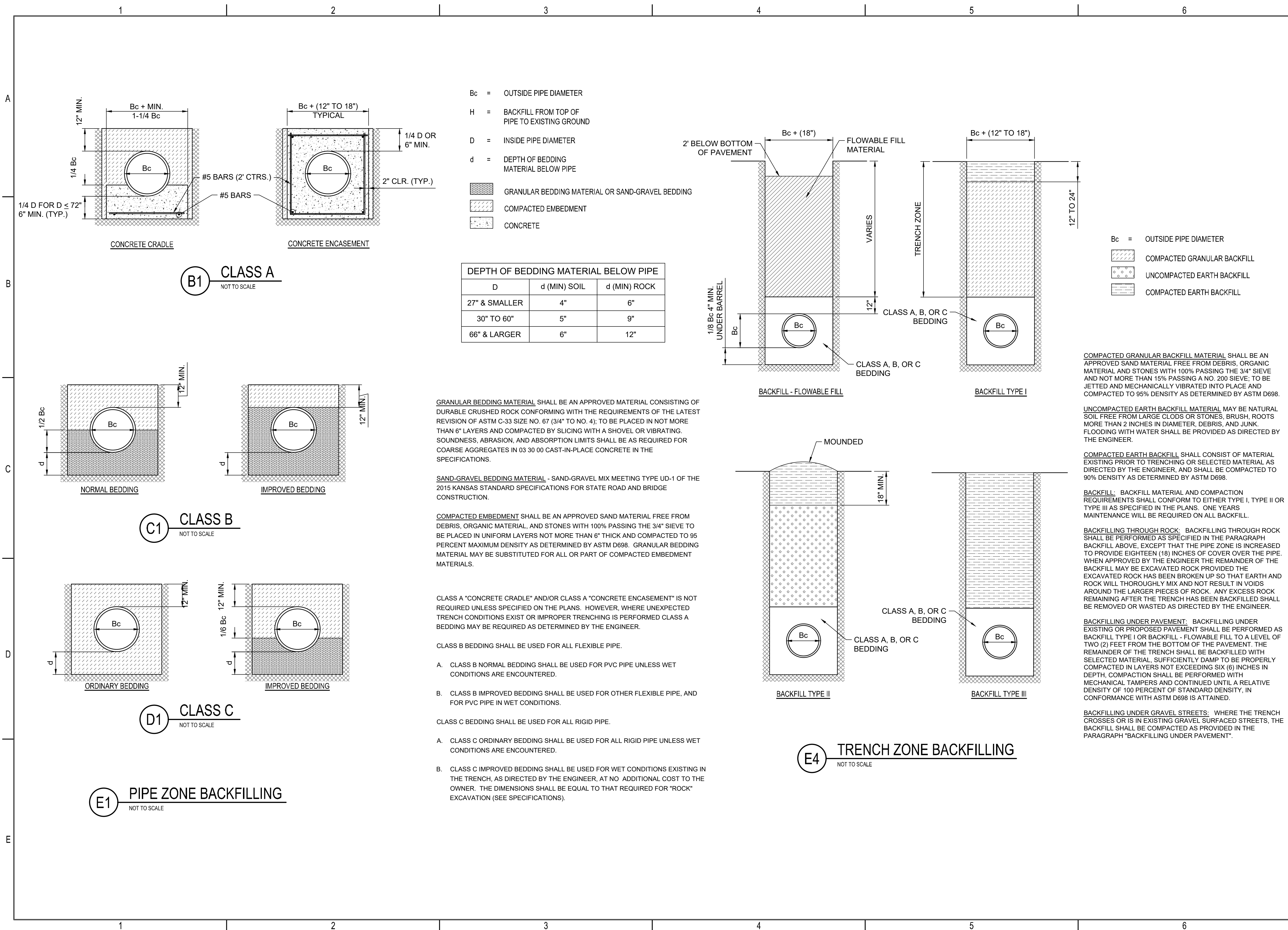
VALLEY CENTER, KS

Issue:		
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JOB NO.	217013-001	
DATE	10 MARCH 2021	
PM	JAG	
DESIGNED BY	JAG	
DRAWN BY	DSB	
CHECKED BY	MEB	

SIDEWALK DETAILS

C-505

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PLOTTED 3/8/2021 9:18:31 AM BY DUSTIN BILLINGSLEY
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DETAILS.DWG



VALLEY CENTER
STANDARD DETAILS
VALLEY CENTER, KS

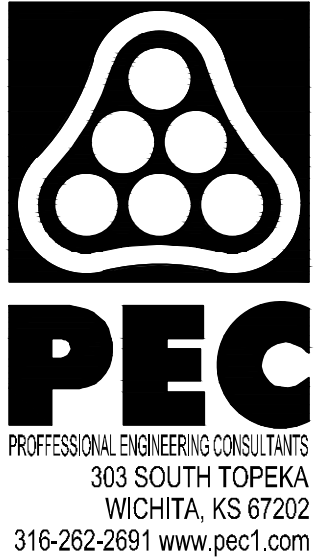
Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21

JOB NO.	217013-001
DATE	10 MARCH 2021
PM	JAG
DESIGNED BY	JAG
DRAWN BY	DSB
CHECKED BY	MEB

BEDDING & BACKFILL DETAILS

C-506

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 CONCRETE MANHOLE (CIRCULAR).DWG



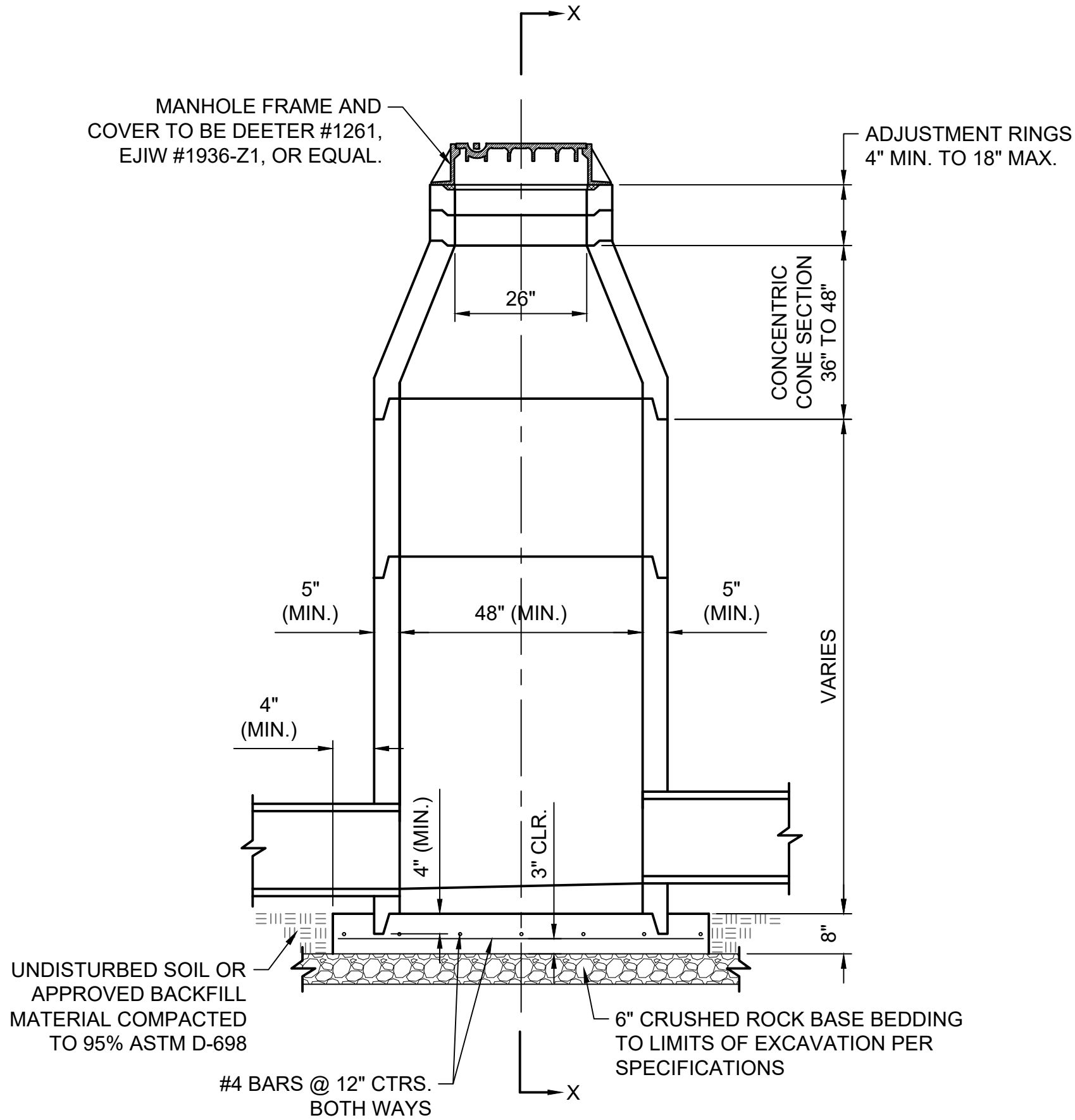
VALLEY CENTER
 STANDARD DETAILS
 VALLEY CENTER, KS

Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21

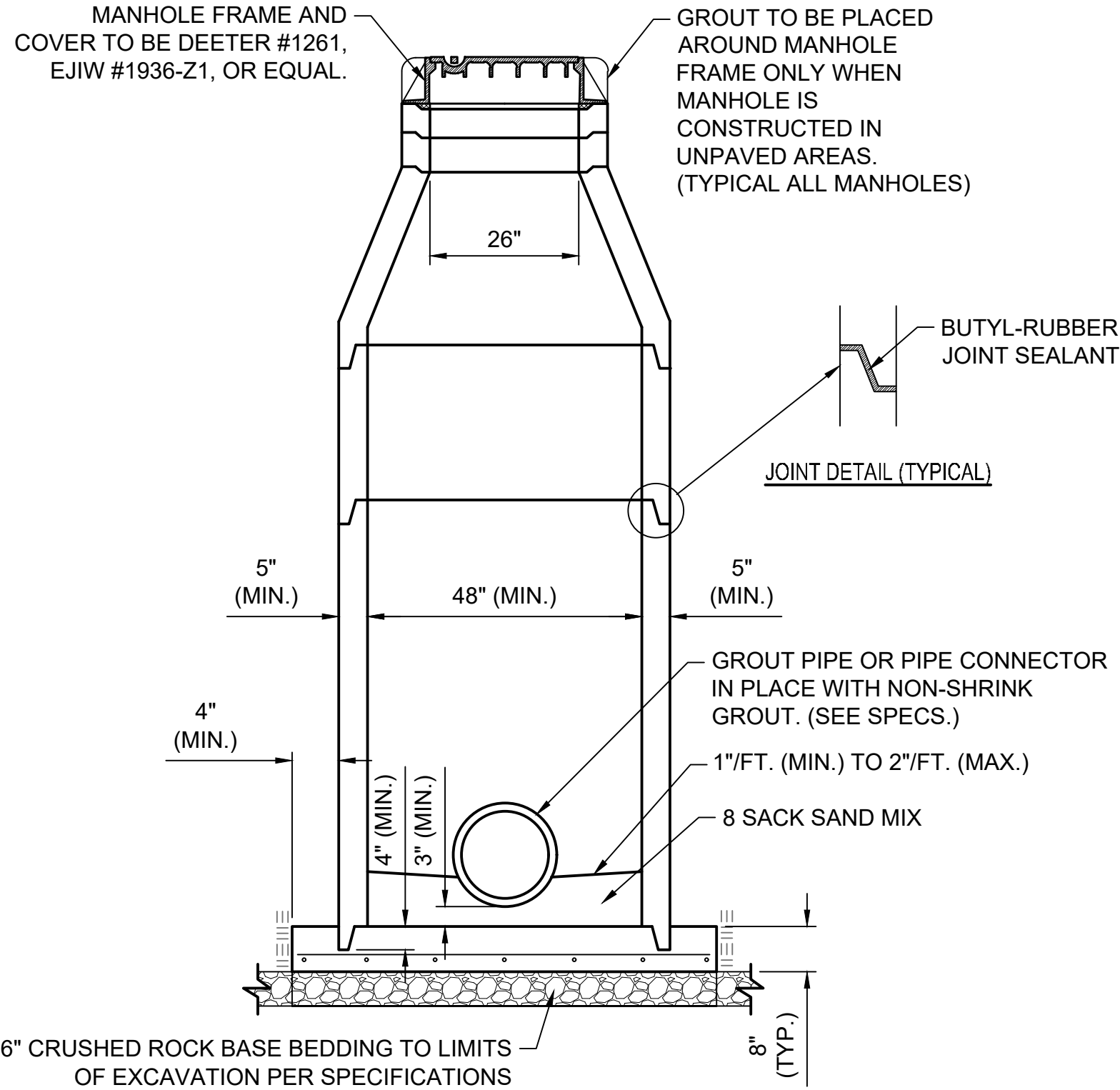
JOB NO.	217013-001
DATE	10 MARCH 2021
PM	JAG
DESIGNED BY	JAG
DRAWN BY	DSB
CHECKED BY	MEB

STORM SEWER PRECAST
 CONCRETE MANHOLE
 (CIRCULAR)

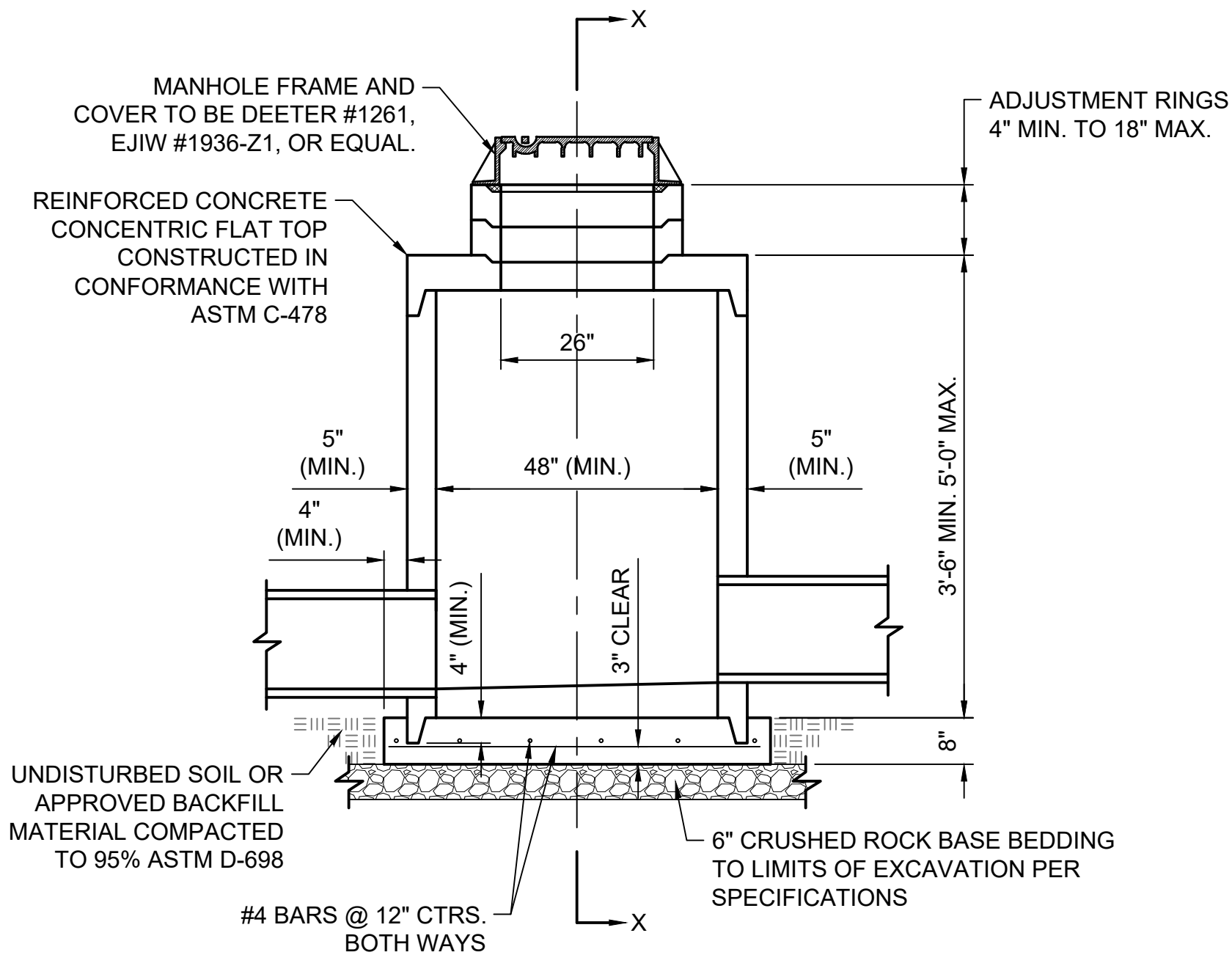
C-507



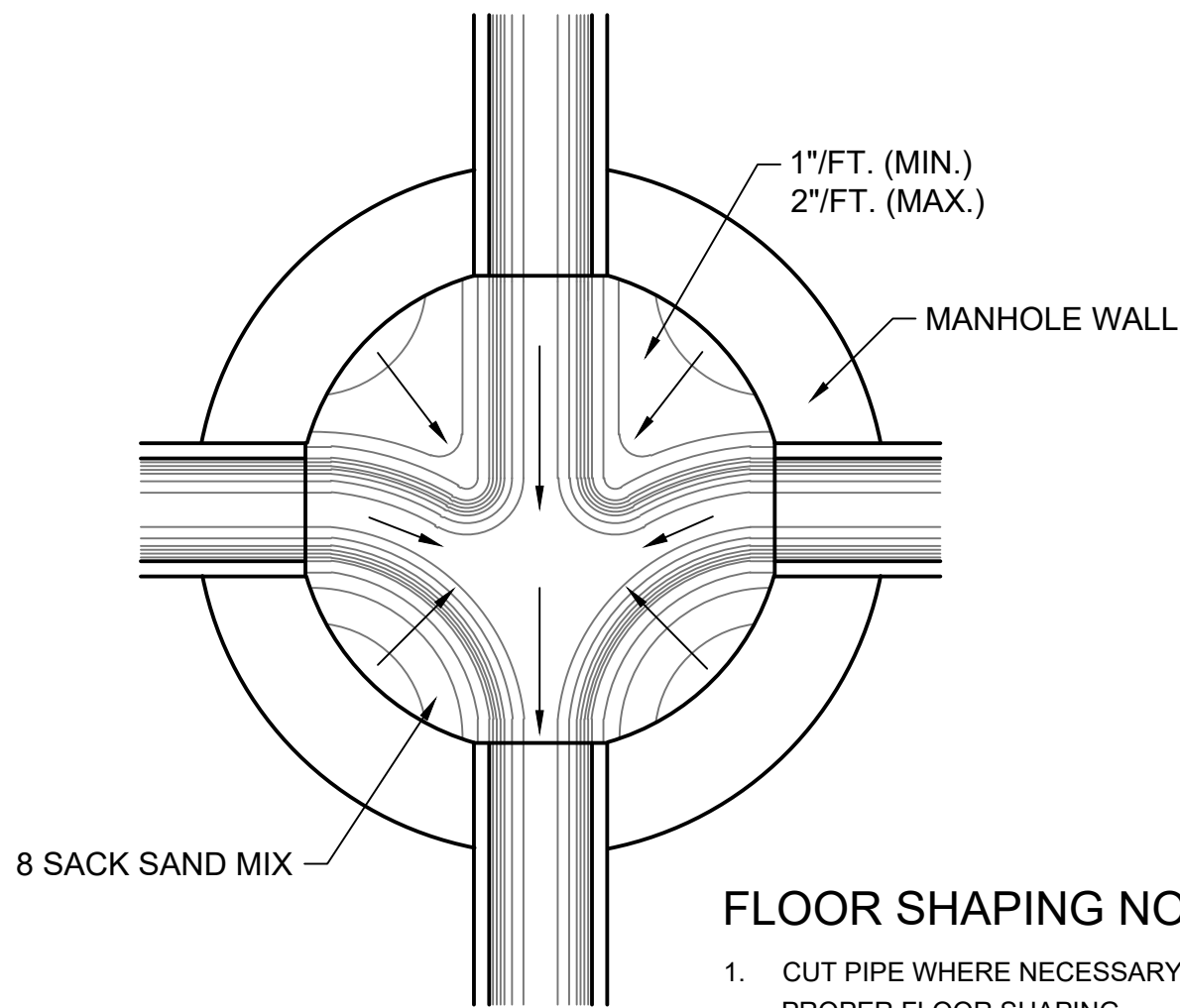
C1 PRECAST STANDARD MANHOLE TYPE "A"
 NOT TO SCALE



C3 SECTION X-X (TYPICAL)
 NOT TO SCALE



E1 PRECAST SHALLOW MANHOLE TYPE "B"
 NOT TO SCALE



FLOOR SHAPING NOTE

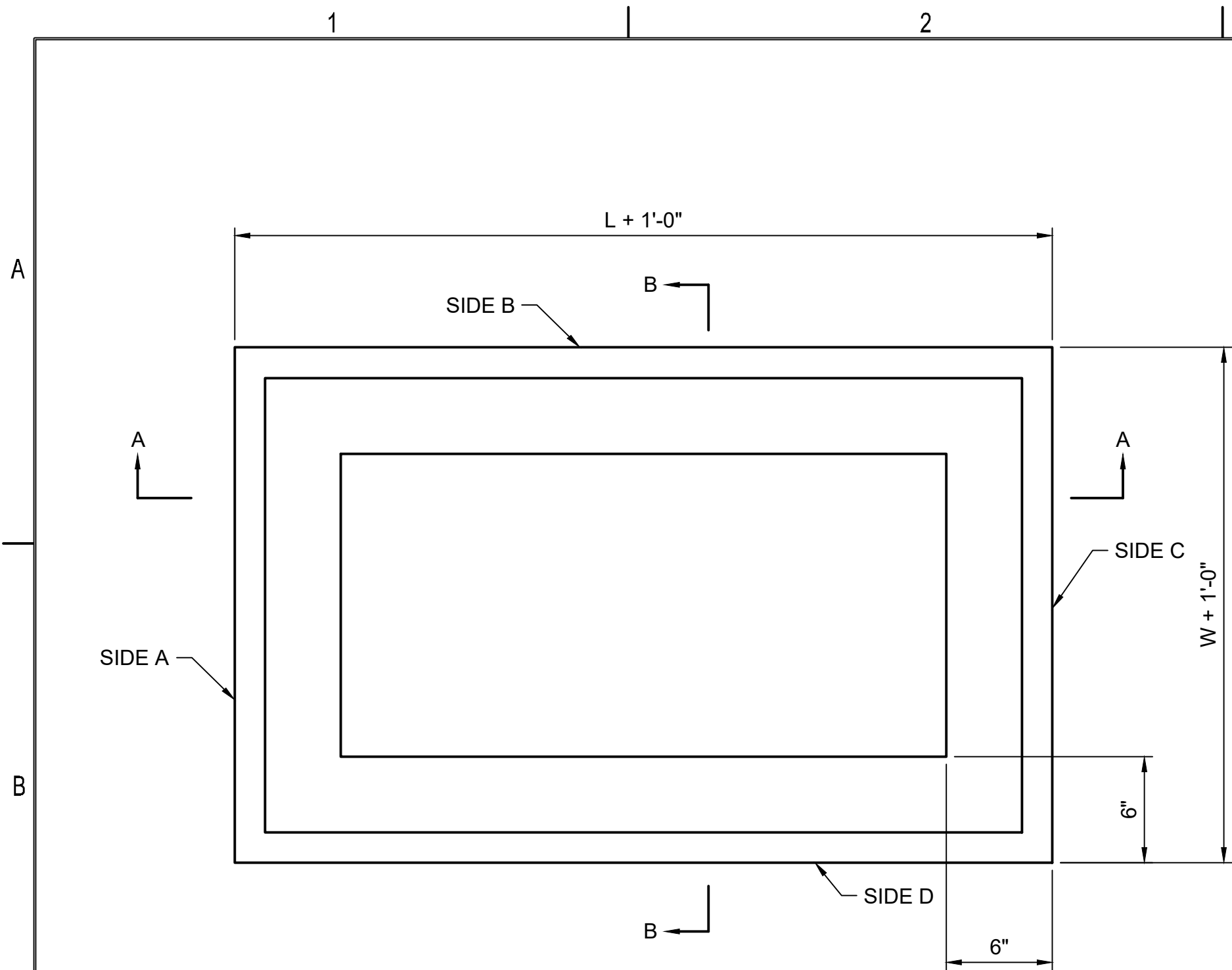
- CUT PIPE WHERE NECESSARY TO ALLOW PROPER FLOOR SHAPING.

E3 TYPICAL MANHOLE FLOOR SHAPING
 NOT TO SCALE

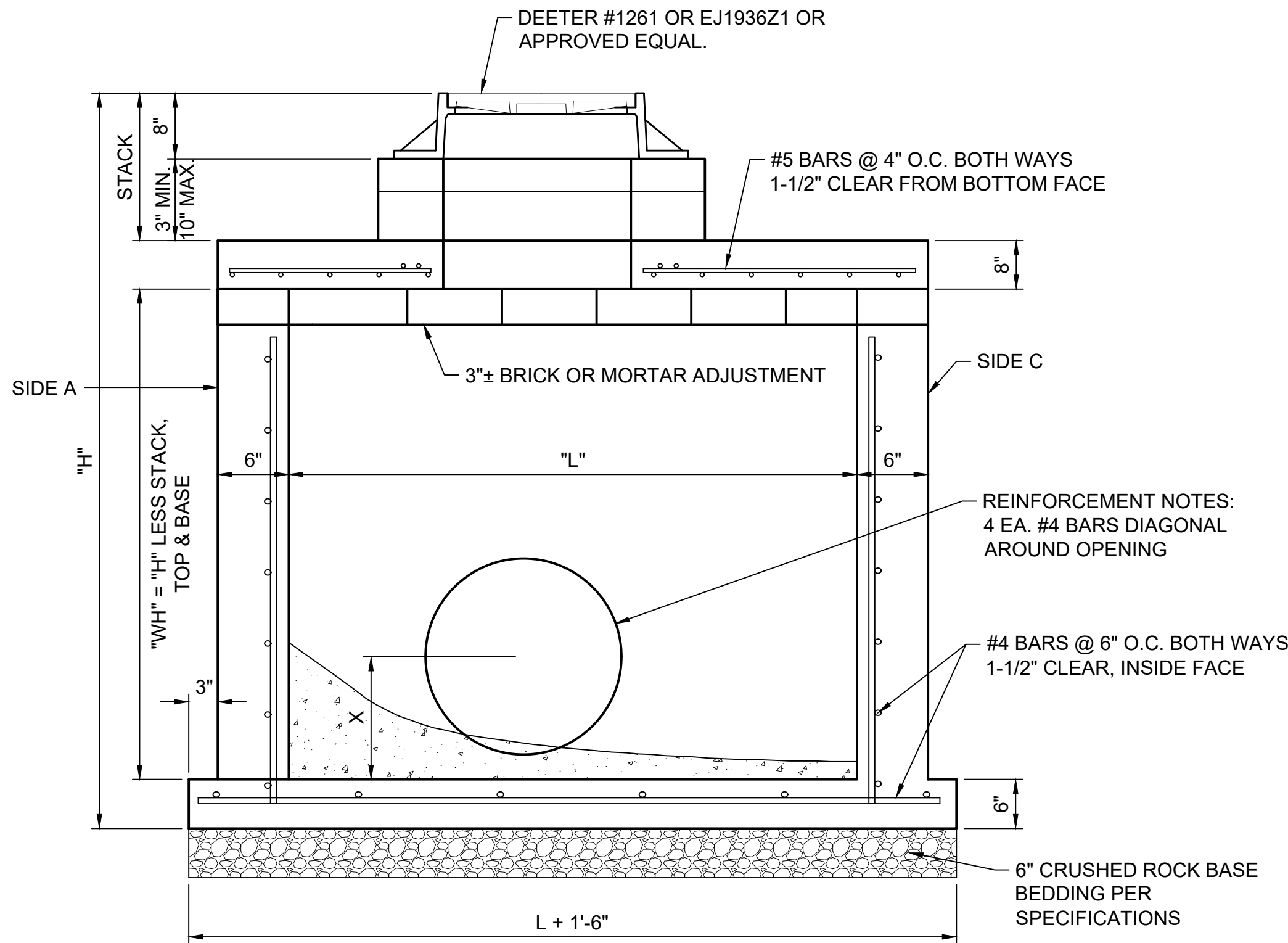
PRECAST MANHOLE NOTES

- IF, IN THE OPINION OF THE ENGINEER, THE MANHOLE SUBGRADE APPEARS UNSTABLE, THE CONTRACTOR WILL HAVE THE OPTION TO COMPACT SUBGRADE AS SHOWN OR INCREASE THE THICKNESS OF THE MANHOLE BASE AS DIRECTED BY THE ENGINEER.
- STEEL REINFORCING WILL BE REQUIRED IN ALL MANHOLE BASES.
- ALL MANHOLE CONSTRUCTION SHALL BE WATER TIGHT.
- TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF ASTM C-478 AS MODIFIED BY THE SPECIFICATIONS.
- CONCRETE USED FOR MANHOLE CONSTRUCTION SHALL CONFORM TO SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
- PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO MANHOLE BASE.
- MANHOLES WITH PIPE SIZES 24" AND LARGER SHALL HAVE 5 FOOT INSIDE DIAMETER (MIN.)
- MANHOLES WITH PRECAST BASES MAY BE USED AT THE CONTRACTORS OPTION. THESE MANHOLES SHALL HAVE AN 8" MINIMUM BASE THICKNESS AND SHALL BE PLACED ON AN 8" MIN. CRUSHED ROCK BASE. PIPES SHALL BE ENCASED WITH CRUSHED ROCK TO AT LEAST 3 FEET FROM THE MANHOLE WALL.
- CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN MANHOLE WALL SHALL BE GROUTED FLUSH TO THE MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE MANHOLE IS IN PLACE. LIFTING HOLES THRU THE MANHOLE WALL WILL NOT BE ACCEPTED.
- THE ENDS OF ALL PIPES IN MANHOLES SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE MANHOLE WALL.
- MANHOLE INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE MANHOLE WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
- MANHOLE FRAME AND COVER TO BE DEETER #1261, EJIW #1936-Z1, OR APPROVED EQUAL (NO LOGO).
- FOR FLAT GRATED INLET APPLICATION, GRATE TO BE DEETER #1933, EJIW #1205 MDI, OR APPROVED EQUAL.
- FOR BEEHIVE GRATE APPLICATION, GRATE TO BE DEETER #4495, EJIW #120545, OR APPROVED EQUAL.

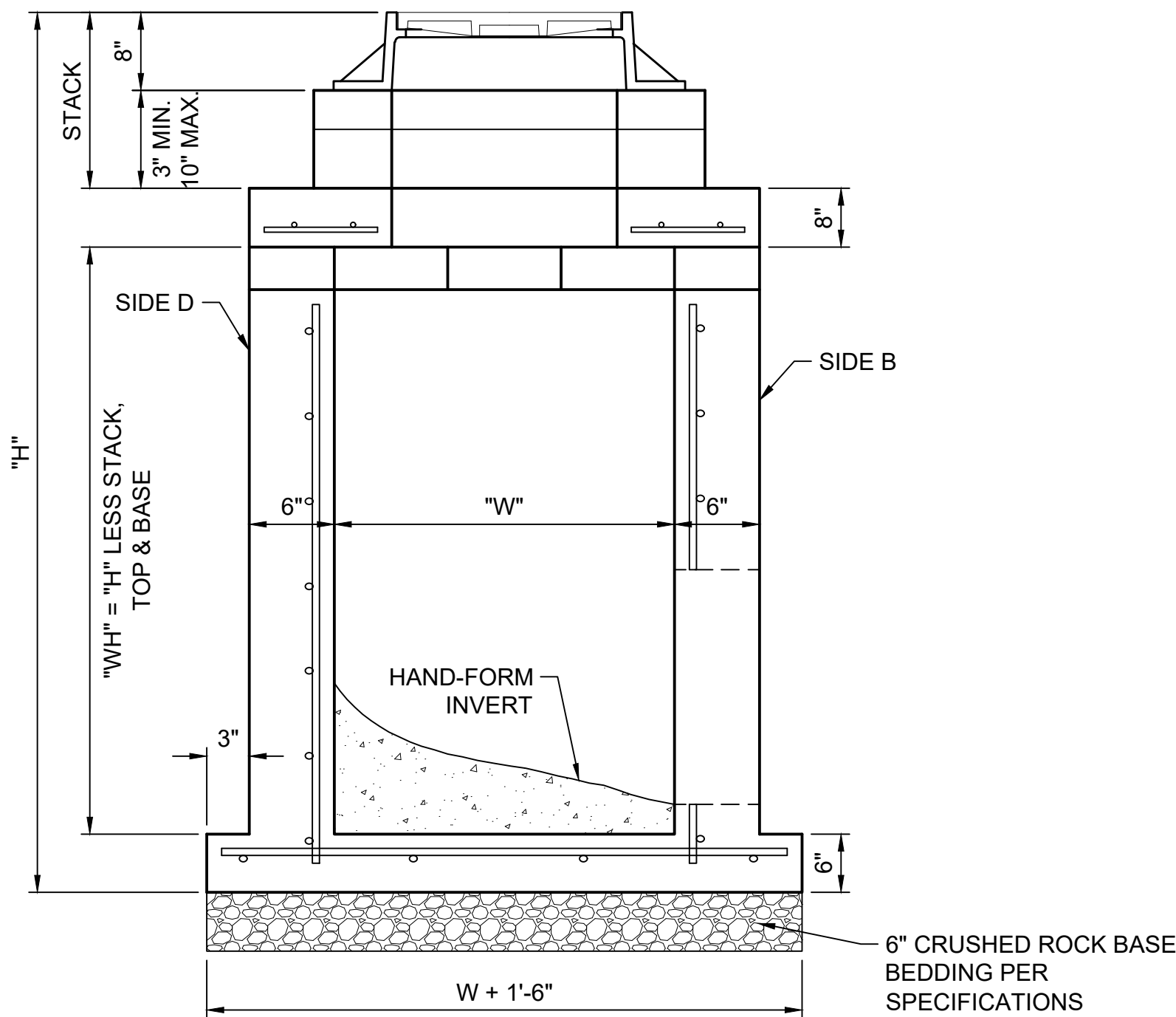
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 REINFORCED CONCRETE MANHOLE (RECTANGULAR).DWG



C1 TOP VIEW
 NOT TO SCALE



E1 SECTION A-A
 NOT TO SCALE



E4 SECTION B-B
 NOT TO SCALE

REINFORCED MANHOLE NOTES

1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
3. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
4. INLET FRAME AND GRATE TO BE DEETER #1261 OR EJ1936Z1 OR APPROVED EQUAL.
5. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN MANHOLE WALL SHALL BE GROUTED FLUSH TO THE MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE MANHOLE IS IN PLACE. LIFTING HOLES THRU THE MANHOLE WALL WILL NOT BE ACCEPTED.

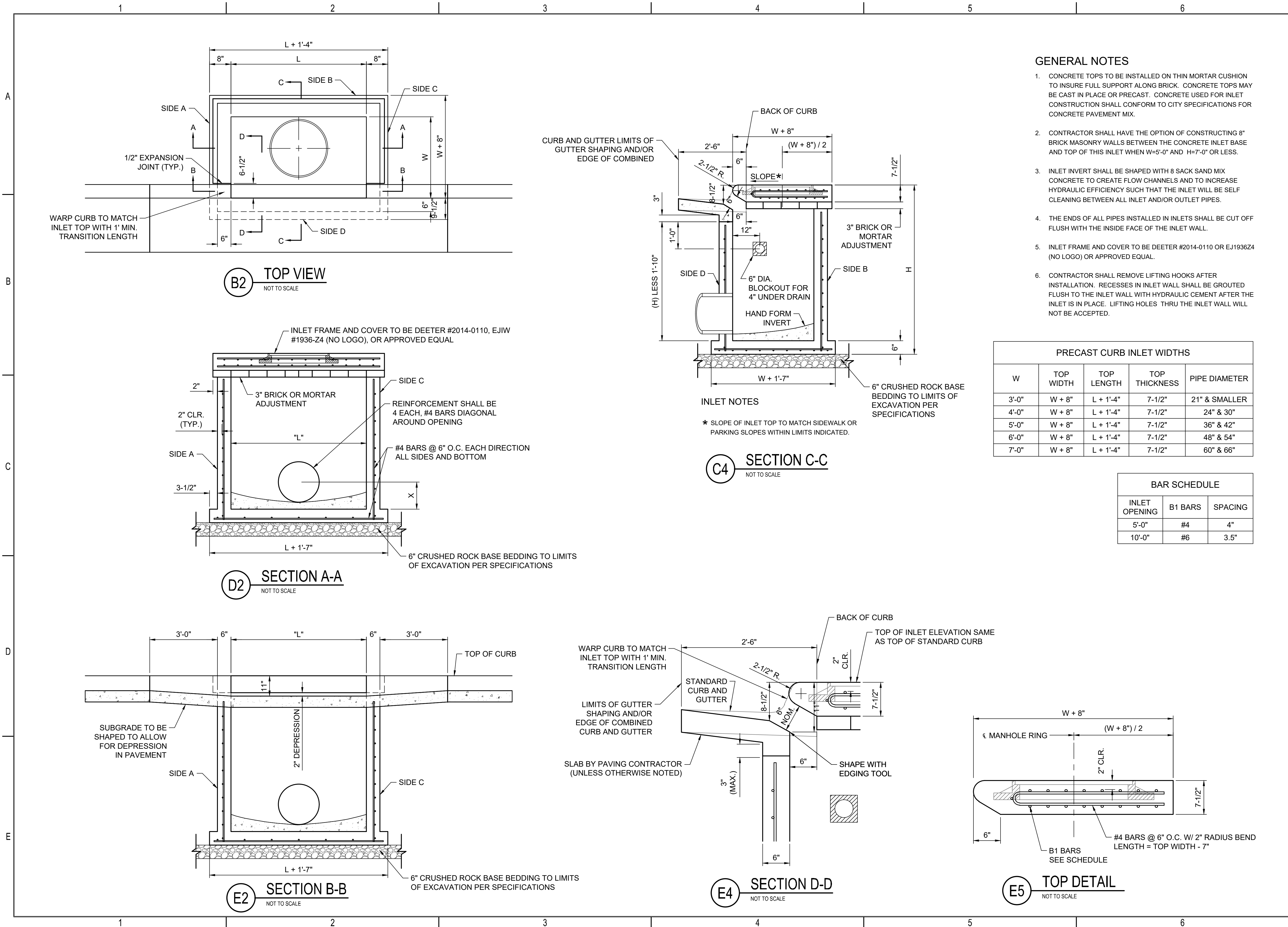


VALLEY CENTER
 STANDARD DETAILS
 VALLEY CENTER, KS

Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21
JOB NO.		217013-001
DATE		10 MARCH 2021
PM		JAG
DESIGNED BY		JAG
DRAWN BY		DSB
CHECKED BY		MEB
STORM SEWER REINFORCED CONCRTE MANHOLE (RECTANGULAR)		

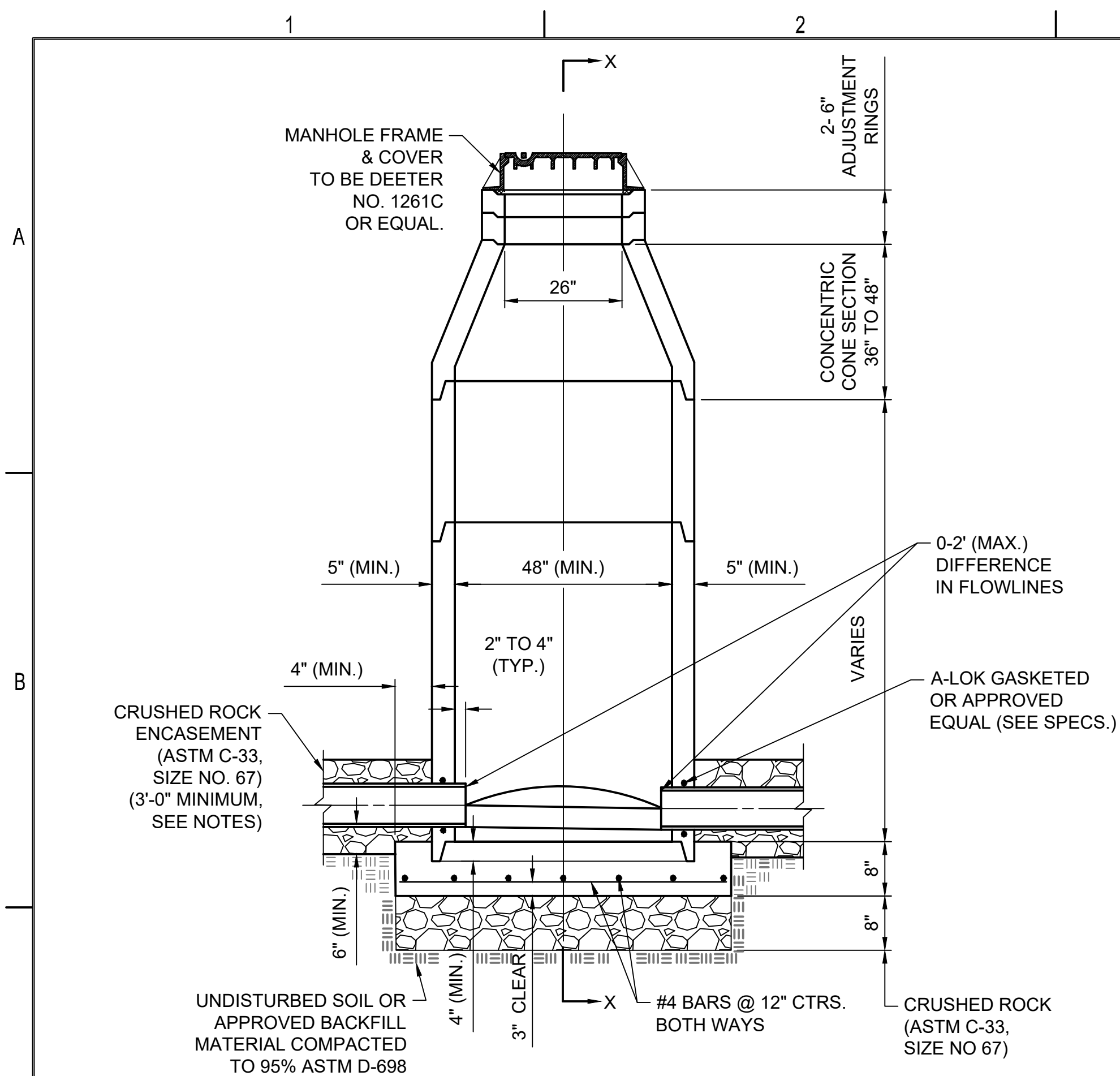
C-508

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DETAILS.DWG

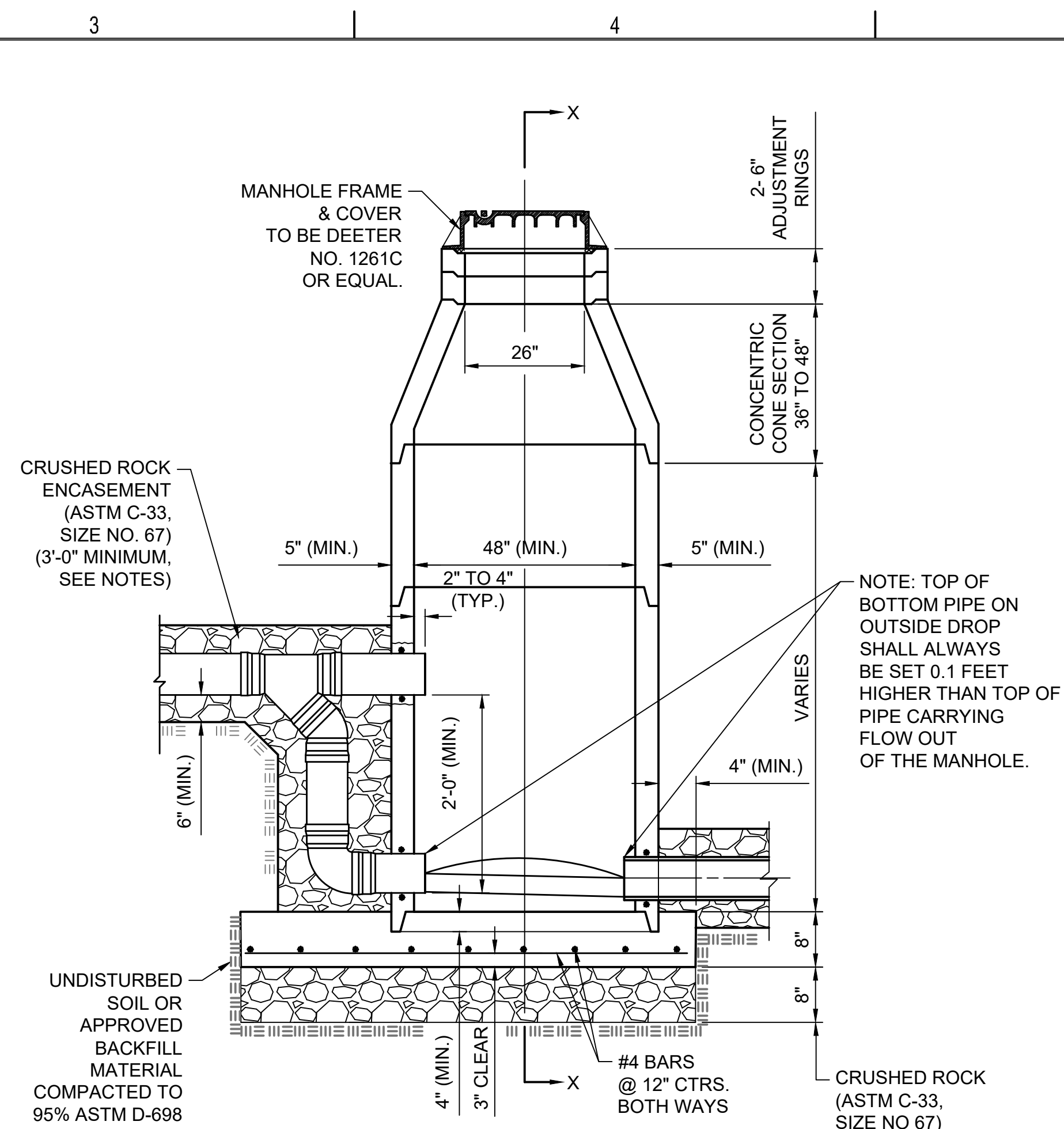


VALLEY CENTER
STANDARD DETAILS
VALLEY CENTER, KS

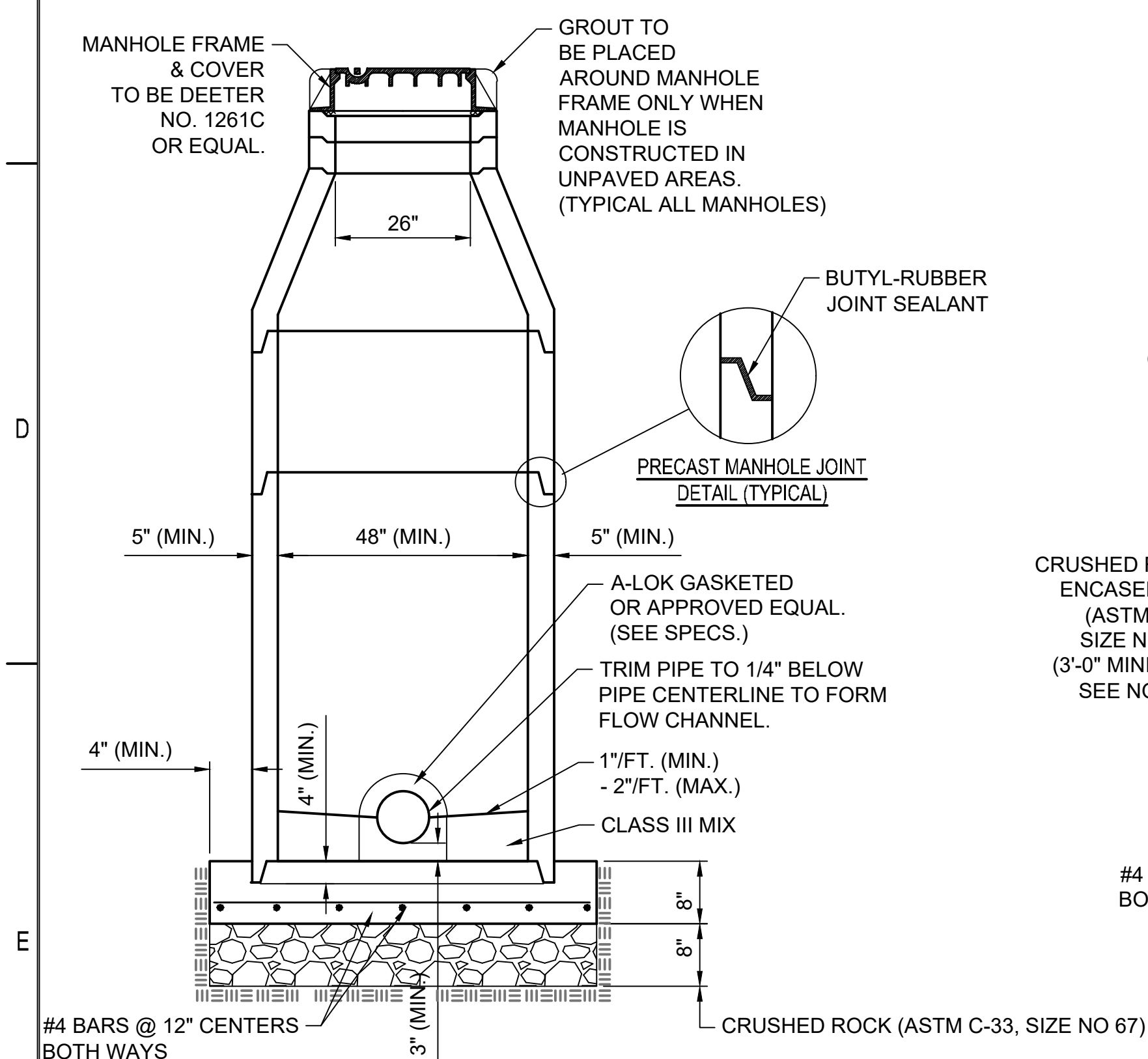
Issue:		
1	ISSUED FOR CONSTRUCTION	03/10/21
JOB NO.	217013-001	
DATE	10 MARCH 2021	
PM	JAG	
DESIGNED BY	JAG	
DRAWN BY	DSB	
CHECKED BY	MEB	
TYPE 1 CURB INLET DETAILS		
C-510		



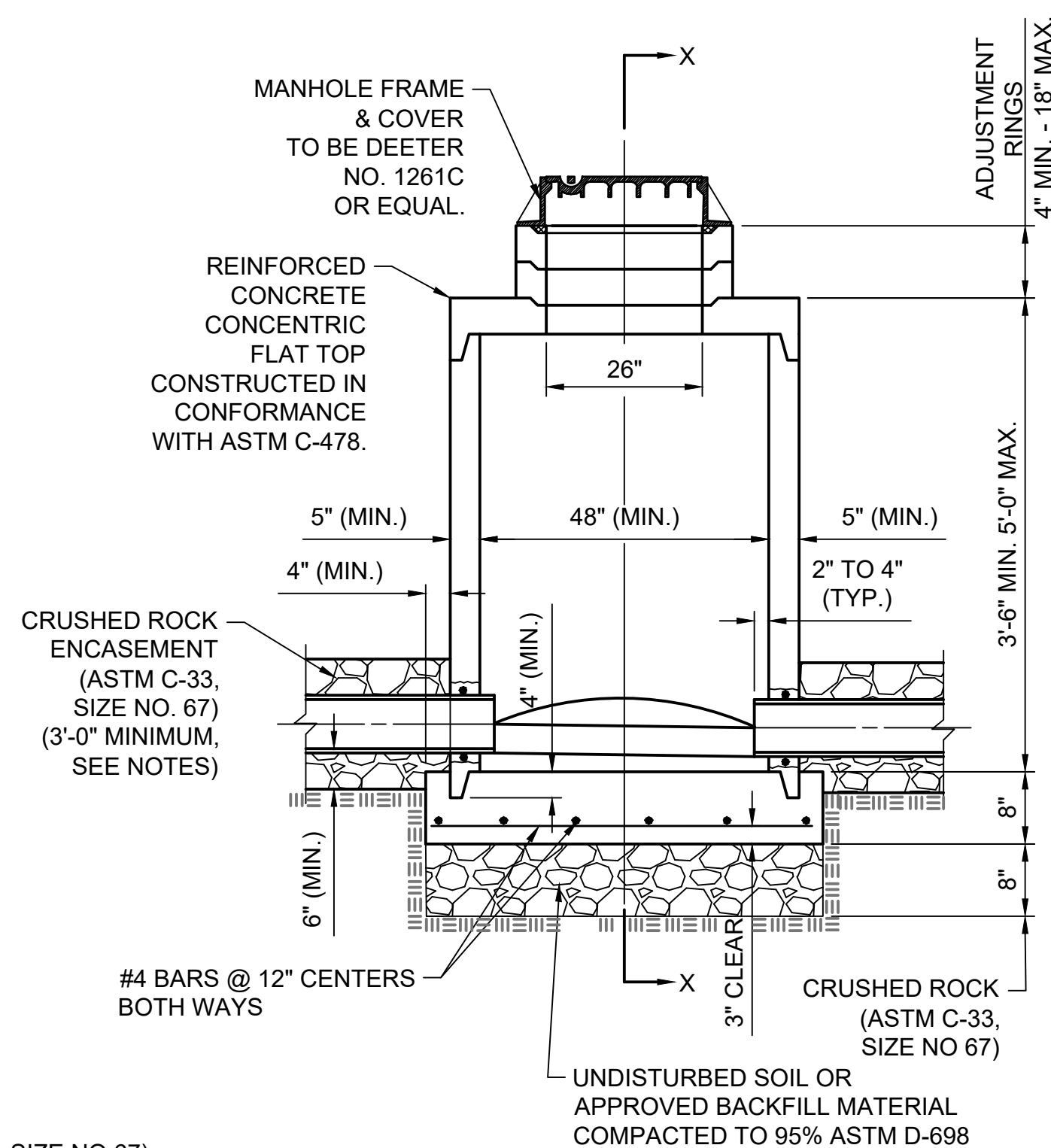
C1 PRECAST STANDARD MANHOLE
NOT TO SCALE



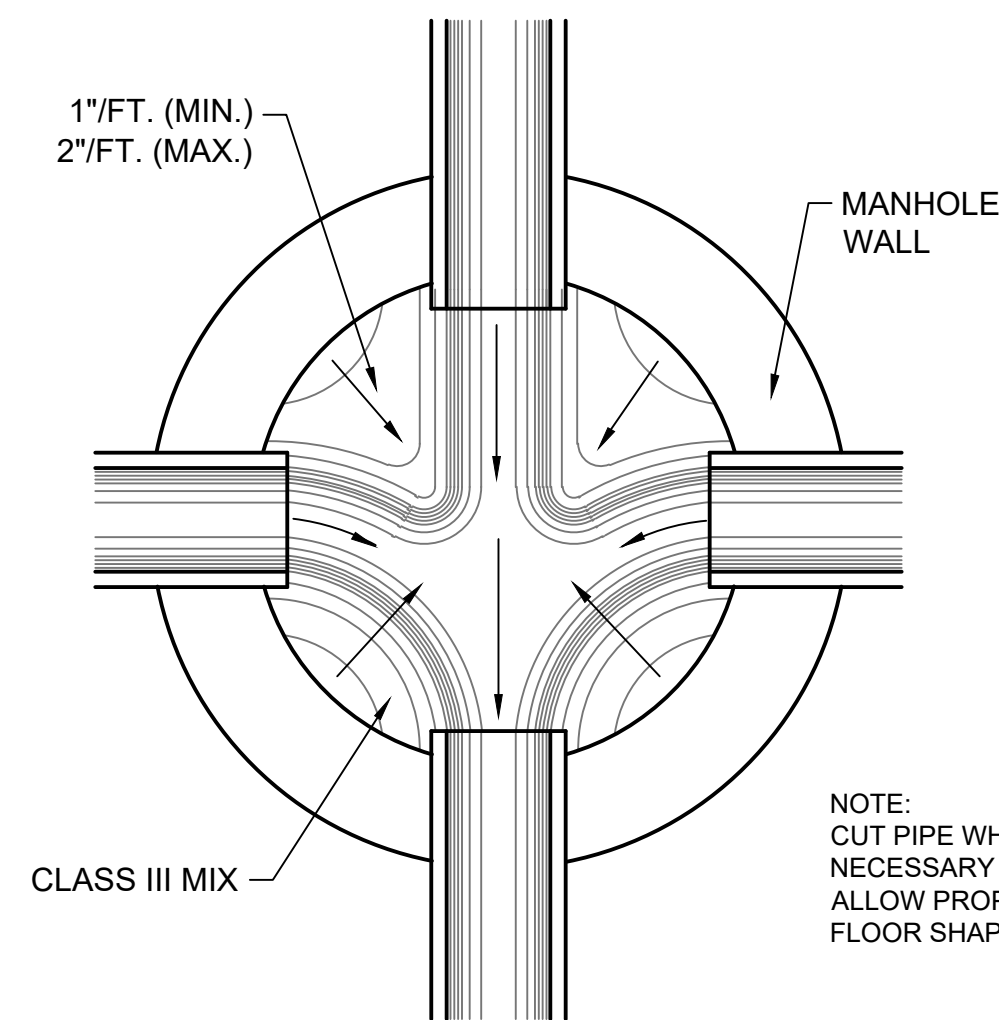
C3 PRECAST OUTSIDE DROP MANHOLE
NOT TO SCALE



E1 SECTION X (TYPICAL)
NOT TO SCALE



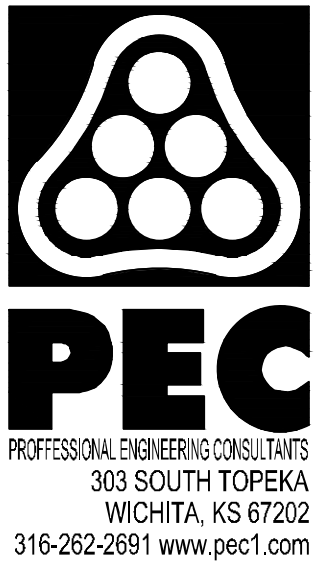
E3 PRECAST SHALLOW MANHOLE
NOT TO SCALE



E4 TYPICAL MANHOLE FLOOR SHAPING

PRECAST MANHOLE NOTES

2. IF, IN THE OPINION OF THE ENGINEER, THE MANHOLE SUBGRADE APPEARS UNSTABLE, THE CONTRACTOR WILL HAVE THE OPTION TO COMPACT SUBGRADE AS SHOWN OR INCREASE THE THICKNESS OF THE MANHOLE BASE AS DIRECTED BY THE ENGINEER.
2. STEEL REINFORCING WILL BE REQUIRED IN ALL MANHOLE BASES.
3. DOG HOUSE MANHOLES MAY BE USED WHERE CONNECTING TO EXISTING SEWERS. APPROVED FLEXIBLE WATERSTOP GASKETS WHICH MEET OR EXCEED THE TEST REQUIREMENTS OF ASTM C-923 SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN PLASTIC PIPE IS USED. SEWER PIPE EXTENDING FROM MANHOLES SHALL BE SUPPORTED WITH CRUSHED ROCK ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL, WHEN A-LOK GASKETS ARE NOT PROVIDED FOR THE PIPE PENETRATION TO THE MANHOLE.
4. THE MANHOLE FRAME SHALL BE SEATED ON AN APPROVED BUTYL-RUBBER SEALANT TO PROVIDE A WATER-TIGHT SEAL BETWEEN THE MANHOLE ADJUSTMENT RING AND THE MANHOLE FRAME.
5. GASKETED PIPE PLUGS AND CAPS SHALL BE PROVIDED BY THE PIPE SUPPLIER.
6. ALL MANHOLE CONSTRUCTION SHALL BE WATER TIGHT.
7. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
8. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF ASTM C-478 AS MODIFIED BY THE SPECIFICATIONS.
9. CONCRETE FOR MANHOLE BASES SHALL BE CLASS I AS DESCRIBED IN THE SPECIFICATIONS.
10. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO MANHOLE BASE. CAST IN PLACE BASES SHALL BE 8" THICK (MIN.) WITH #4 BARS @ 12" CENTERS.
11. MANHOLES WITH PIPE SIZES 24" AND LARGER SHALL HAVE 5 FOOT INSIDE DIAMETER (MIN.)
12. INSIDE DIAMETER OF FIVE-FOOT DIAMETER PRECAST MANHOLES SHALL REMAIN CONSTANT TO THE LOCATION OF THE REDUCING FLAT TOP WHICH CONNECTS THE FOUR-FOOT DIAMETER CONE SECTION TO THE FIVE FOOT DIAMETER MANHOLE BARREL.
13. ALL INTERIOR CONCRETE SURFACES ABOVE THE BENCH OF PRECAST MANHOLES SHALL BE COATED PER THE STANDARD SPECIFICATIONS.
14. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT VALSPAR HI-BUILD BITUMINOUS COATING 35-J-10, ULTRA-SHIELD WB COATING, BY GMX, TNE MEC 46-450 HEAVY TNE MECOL, OR APPROVED EQUAL.
15. MANHOLES WITH PRECAST BASES MAY BE USED AT THE CONTRACTORS OPTION. MANHOLES WITH PRECAST BASES SHALL HAVE A-LOK OR APPROVED EQUAL GASKETS CAST INTO THE MANHOLE WALL FOR ALL PIPE PENETRATIONS. THESE MANHOLES SHALL HAVE AN 8" MINIMUM BASE THICKNESS AND SHALL BE PLACED ON AN 8" MIN. CRUSHED ROCK BASE. PIPES SHALL BE ENCASED WITH CRUSHED ROCK TO AT LEAST 3 FEET FROM THE MANHOLE WALL. CRUSHED ROCK SHALL MEET THE REQUIREMENTS FOR GRANULAR BEDDING MATERIAL.
16. MANHOLE SECTIONS SHALL BE SUPPLIED WITH RECESSED LIFTING EYES. LIFTING EYE RECESSES SHALL BE GROUTED FLUSH TO THE MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE MANHOLE IS IN PLACE. LIFTING HOLES THRU THE MANHOLE WALL WILL NOT BE ACCEPTED.



VALLEY CENTER STANDARD DETAILS

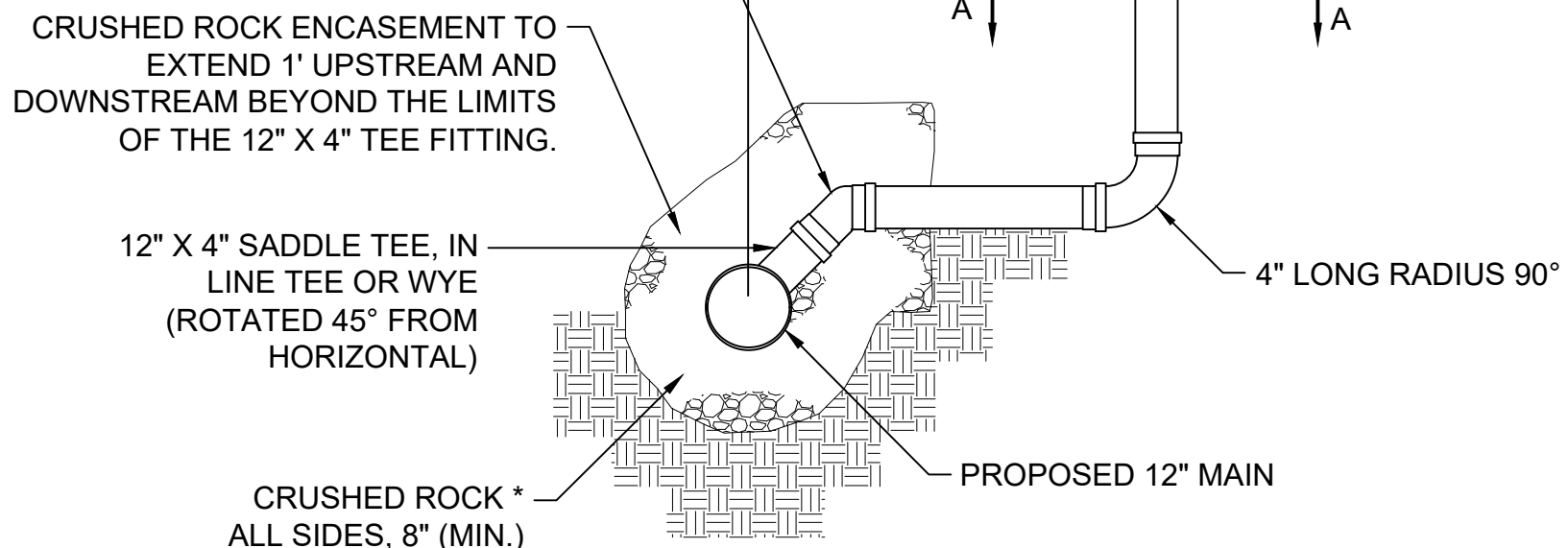
VALLEY CENTER, KS

[illegible]

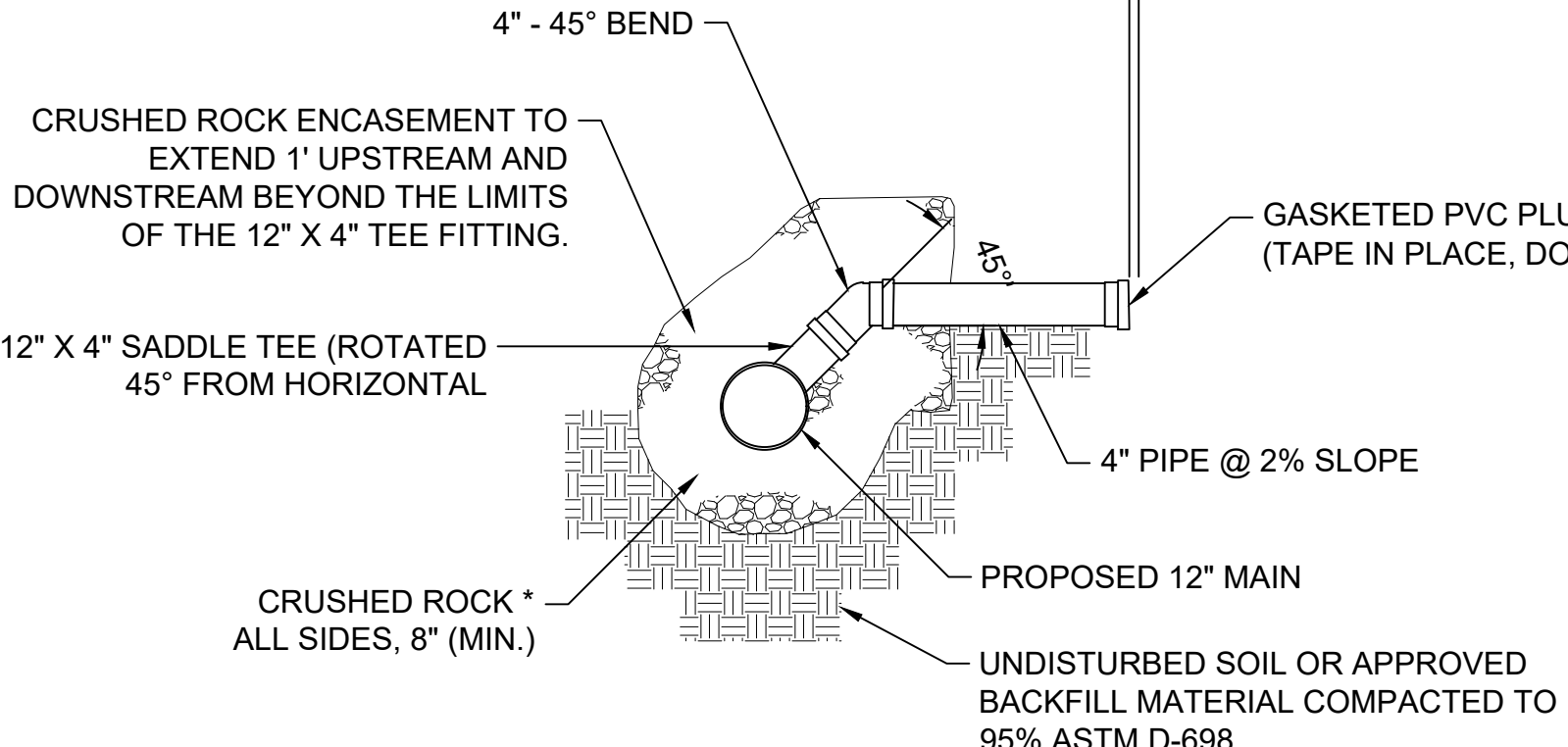
JOB NO.	217013-001
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SANITARY SEWER PRECAST MANHOLE DETAILS

C-514



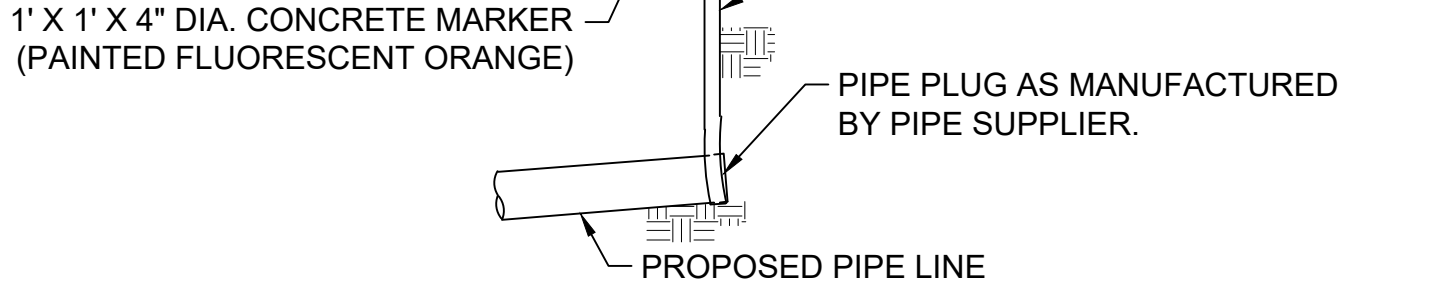
C1 TEE SERVICE CONNECTION TYPE 1
NOT TO SCALE



B3 TEE SERVICE CONNECTION TYPE 2
NOT TO SCALE

NOTE

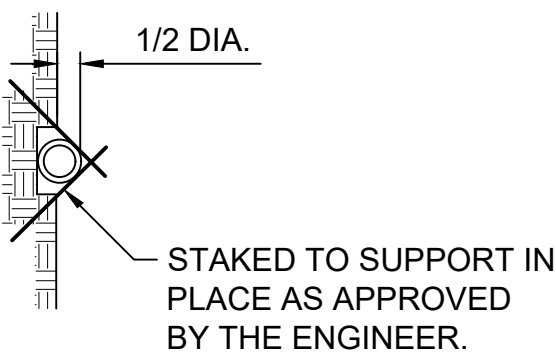
1. CRUSHED ROCK SHALL MEET THE REQUIREMENTS FOR GRANULAR BEDDING MATERIAL, AS OUTLINED IN THE SPECIFICATIONS.
2. SERVICE CONNECTIONS ARE TO BE INSTALLED WHERE PROPOSED SEWER MAIN IS 10' OR MORE BELOW PROPOSED GROUND OR AS SHOWN IN THE PLANS.



A5 BURIED PIPE PLUG & MARKER DETAIL
NOT TO SCALE

NOTE

(PLUGGING & STAKING SHALL BE SUBSIDIARY TO
THE LUMP SUM PRICE BID FOR SITE RESTORATION)

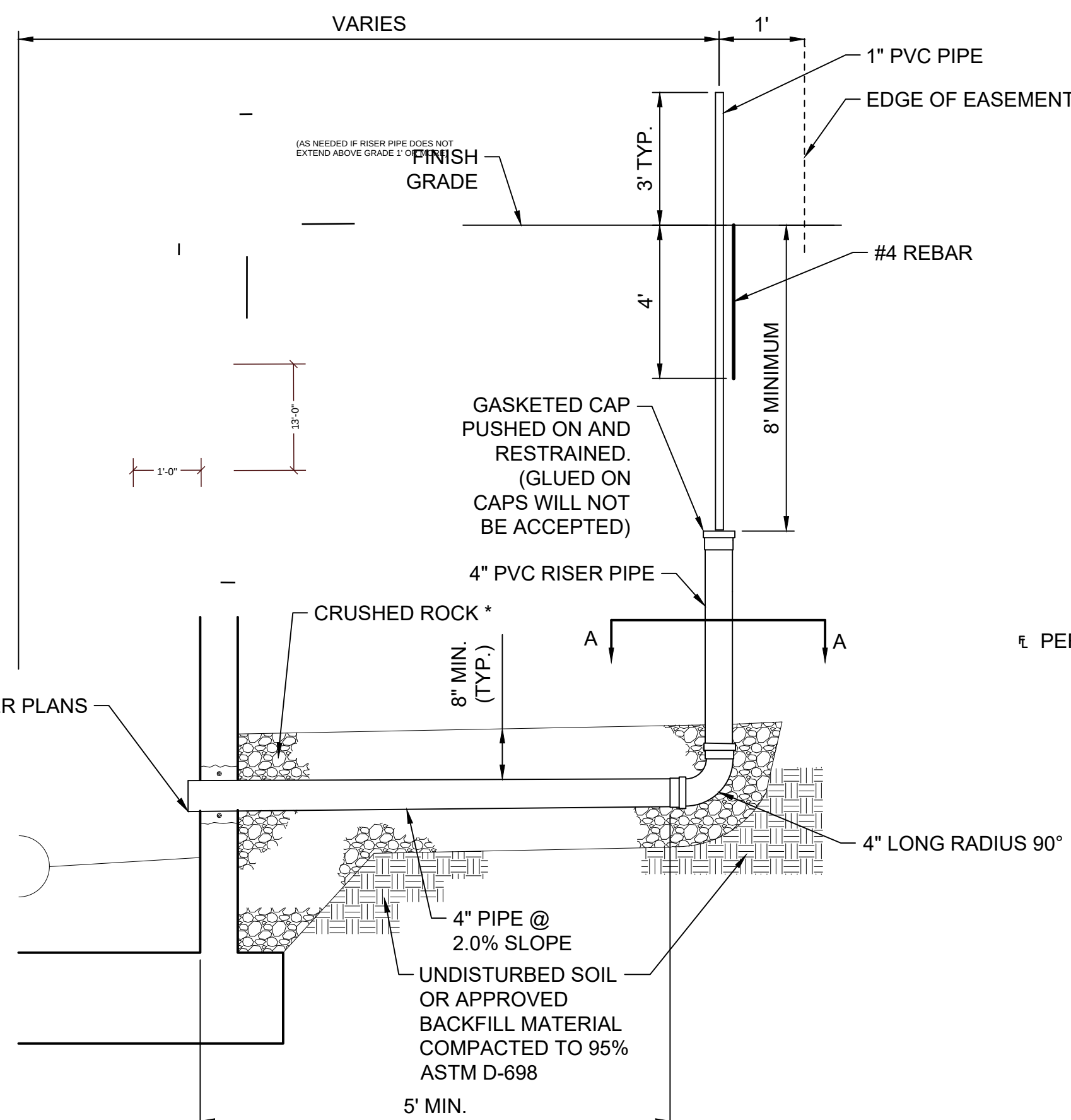


SERVICE CONNECTIONS TYPE 1 ARE TO BE INSTALLED WHERE PROPOSED SEWER MAIN IS 12' OR MORE BELOW PROPOSED GROUND OR AS SHOWN IN THE PLANS.

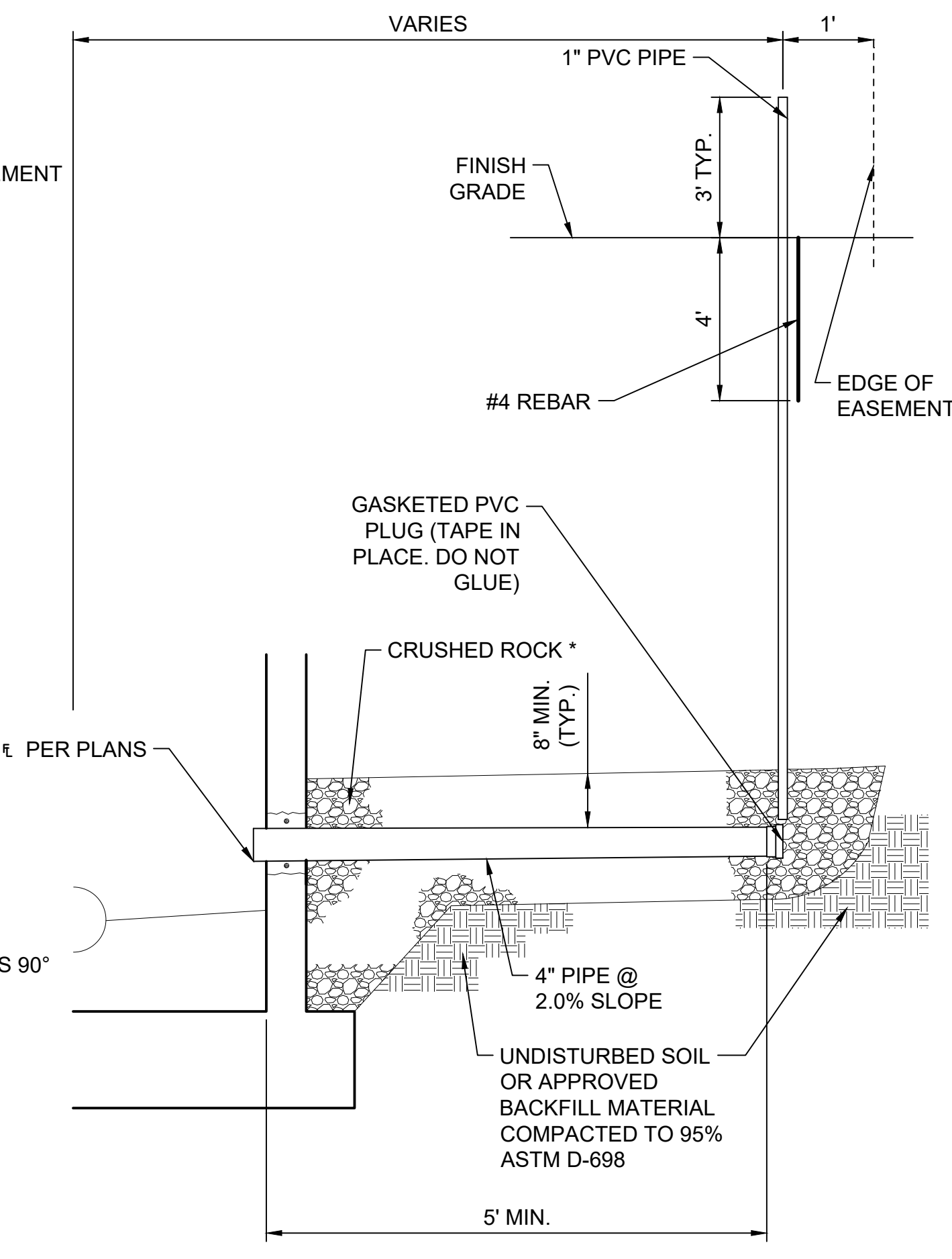
* CRUSHED ROCK SHALL MEET THE REQUIREMENTS FOR GRANULAR BEDDING MATERIAL, AS OUTLINED IN THE SPECIFICATIONS.

B4 SECTION A-A
NOT TO SCALE

LOCATION						FOR INFORMATION ONLY	RECORD INFORMATION (TO BE COMPLETED BY PROJECT INSPECTOR)		NO.
NO.	TYPE	LOT	BLOCK	LINE	STATION/ DIRECTION	APPROXIMATE LENGTH 4" PIPE	DISTANCE FROM NEAREST MANHOLE		
1	TEE SERVICE CONNECTION	#	#	#	#+### / RT.		UPSTREAM	DOWNSTREAM	
2	MH SERVICE CONNECTION	#	#	#	#+### / LT.				
3									
4									
5									
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26									
27									
28									
29									



E1 MANHOLE SERVICE CONNECTION TYPE 1
NOT TO SCALE



E3 MANHOLE SERVICE CONNECTION TYPE 2
NOT TO SCALE



VALLEY CENTER STANDARD DETAILS

VALLEY CENTER, KS

[illegible]

JOB NO.	217013-001
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SANITARY SEWER SERVICE CONNECTION DETAILS

C-515

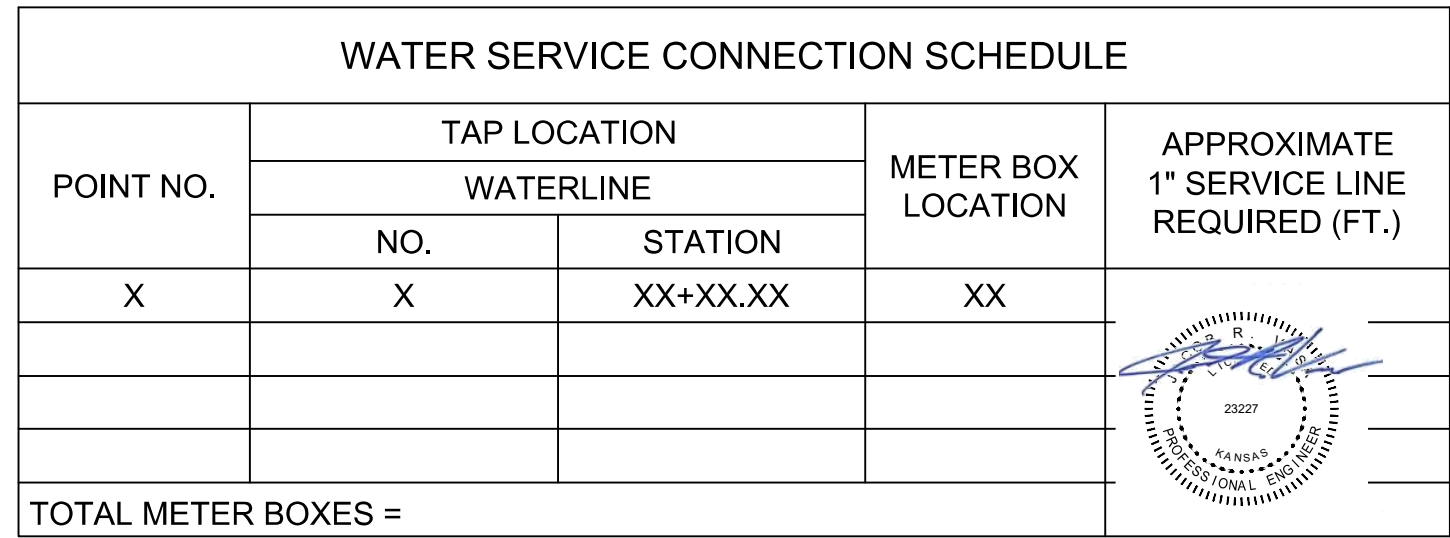
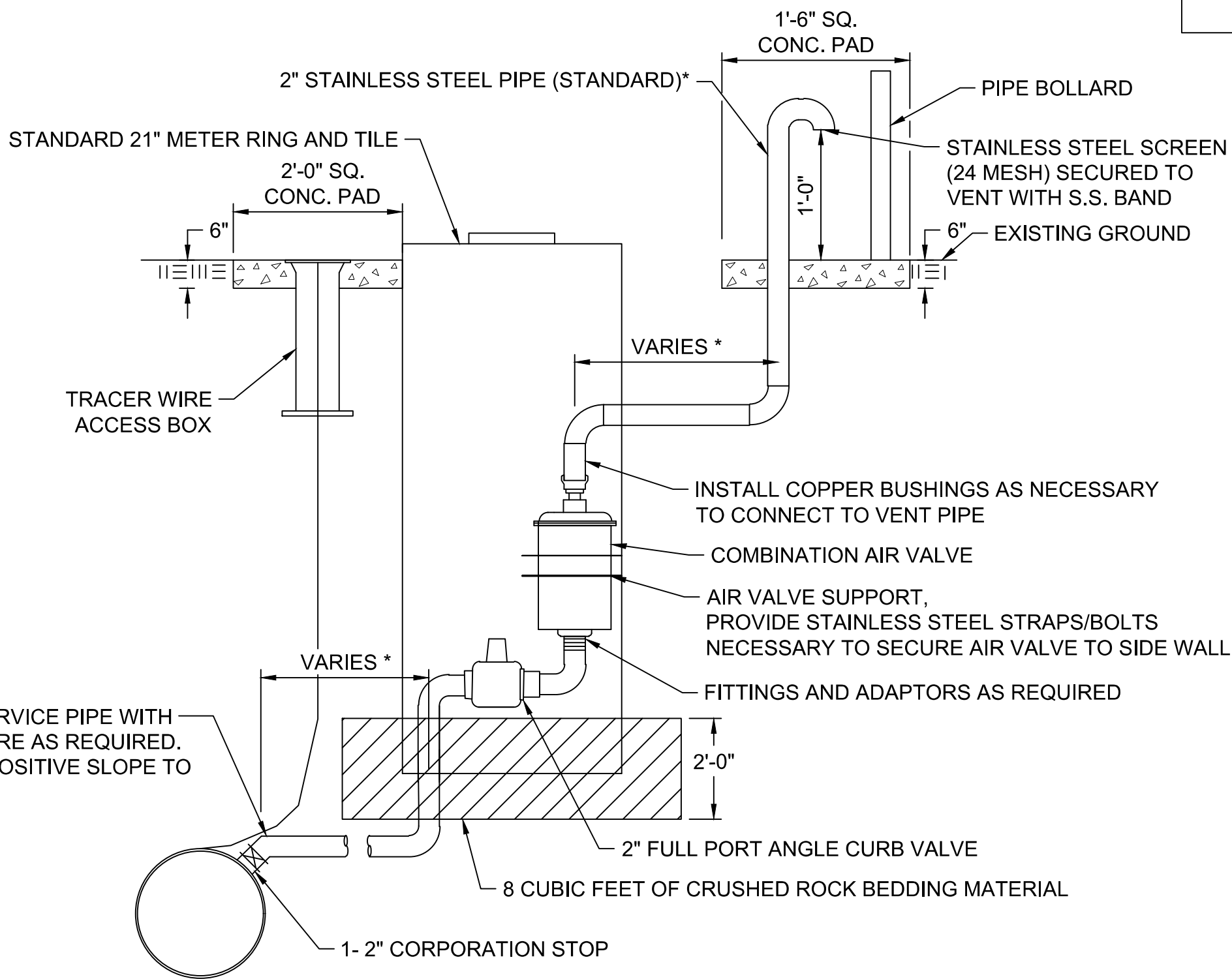


Diagram illustrating the proposed waterline layout. The layout shows a 10'-0" (MIN.) width, a 5'-0" offset, and a 3'-0" (MIN.) depth. The diagram includes a label "PROPOSED WATERLINE" pointing to the line.

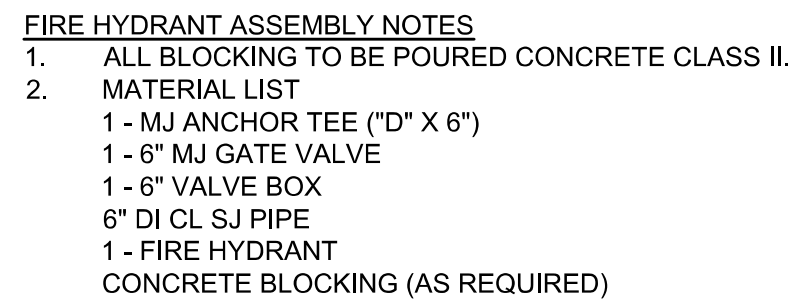
1. MINIMUM PROTECTIVE FILL SHALL BE PROVIDED IN ALL INSTANCES WHERE COVER OVER THE PROPOSED WATERLINE IS LESS THAN THREE (3) FEET. COST IS SUBSIDIARY TO PIPE INSTALLATION).

NOT TO SCALE



NOT TO SCALE

- COMBINATION AIR VALVE ASSEMBLY SHALL BE FIELD LOCATED AT THE HIGH POINTS OF THE WATERLINE, WITH THE ACTUAL LOCATIONS APPROVED BY THE FIELD ENGINEER. TOP OF AIR VALVE SHALL BE INSTALLED BELOW FROSTLINE (28" BELOW GRADE.)

[illegible]

NOT TO SCALE



PIPE BOLLARDS ONLY REQUIRED WHEN NOTED ON
PLANS. BOLLARDS SHALL BE CONSIDERED SUBSIDIARY TO
"FIRE HYDRANT ASSEMBLY".



VALLEY CENTER STANDARD DETAILS

VALLEY CENTER, KS

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WATERLINE DETAILS 1

C-516

B1 VALVE ASSEMBLY DETAIL
NOT TO SCALE

B2 ANCHORED VALVE ASSEMBLY DETAIL
NOT TO SCALE

B3 ANCHORED VALVE ASSEMBLY (SPECIAL) DETAIL
NOT TO SCALE

THRUST AT VALVES	
VALVE	THRUST @ 150 PSI
4"	1,890 LBS.
6"	4,245 LBS.
8"	7,540 LBS.
12"	16,965 LBS.

B4 LINE VALVE ASSEMBLY DETAIL
NOT TO SCALE

C1 BLOW-OFF ASSEMBLY DETAIL
NOT TO SCALE

VERTICAL THRUST BLOCKS CONCRETE VOLUME

[illegible]

Diagram illustrating the Key Block Detail, showing a cross-section of a pipe joint assembly. The components labeled are:

- PROPOSED VALVE
- CIMJ TEE
- THRUST BLOCKING TO REMAIN CLEAR OF BOLTS AND MJ ACCESSORIES
- FIRE HYDRANT (TYP.)
- CIMJ PLUG
- ANCHOR COUPLING

KEY BLOCK DETAIL

E1 VALVE BOX DETAIL
NOT TO SCALE

E2 THRUST BLOCK DETAILS (VERTICAL FITTINGS)

E4 THRUST BLOCK DETAILS (HORIZONTAL FITTINGS)
NOT TO SCALE



VALLEY CENTER STANDARD DETAILS

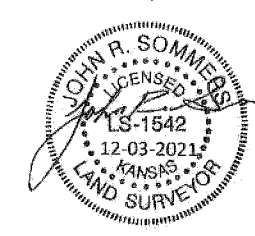
VALLEY CENTER, KS

ISSUE:		
1	ISSUED FOR CONSTRUCTION	03/10/21
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DATE	10 MARCH 2021	
PM	JAG	
DESIGNED BY	JAG	
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CHECKED BY	MEB	

WATERLINE DETAILS 2

C-517

ARBOR VALLEY



LAND SURVEYOR
JOHN R. SOMMERS, LS #1542

KNOW ALL MEN BY THESE PRESENTS THAT I, THE UNDERSIGNED, HAVE CAUSED THE LAND DESCRIBED IN THE SURVEYOR'S CERTIFICATE TO BE PLATTED INTO LOTS, BLOCKS, RESERVES AND STREETS, TO BE KNOWN AS "ARBOR VALLEY," VALLEY CIRCLE, SEDGWICK COUNTY, KANSAS. THE UTILITY EASEMENTS ARE HEREBY GRANTED AS INDICATED FOR THE PROTECTION AND MAINTENANCE OF ALL PUBLIC UTILITIES. THE DRAINAGE EASEMENTS ARE HEREBY GRANTED FOR THE PROTECTION AND MAINTENANCE OF THE DRAINAGE CONTROLS AS INDICATED ARE HEREBY GRANTED TO THE APPROPRIATE GOVERNING BODY OF THE STREETS ARE HEREBY DEDICATED TO AND FOR THE USE OF THE PUBLIC. RESERVE "A" IS HEREBY RESERVED FOR DRAINAGE, AND UTILITIES CONFINED TO EASEMENTS. RESERVE "B" IS HEREBY RESERVED FOR THE PROTECTION AND MAINTENANCE OF EASEMENTS. THE RESERVES ARE TO BE OWNED AND MAINTAINED BY THE HOME OWNERS OF THE LOTS. FOR THE ADDITION, THEIR SUCCESSORS AND/OR ASSIGNS. MAINTENANCE OF STORM WATER DRAINAGE, OPEN DITCHES AND DRAINAGE STRUCTURES SHALL BE THE RESPONSIBILITY OF THE HOME OWNERS ASSOCIATION FOR THE ADDITION, THEIR SUCCESSORS AND/OR ASSIGNS.

DATED THIS 14th DAY OF Dec., 2021.

_____ NAME
 Laura Y. Mangos _____ NAME
 Laura Y. Ortega Lallier _____ NAME
 _____ NAME

STATE OF KANSAS) SS SEDGWICK COUNTY)	NAME

THE FOREGOING INSTRUMENT ACKNOWLEDGED BEFORE ME, THIS 14 DAY OF Dec, 2021,
BY JOSE A. MARQUEZ AND LAURA Y. MARQUEZ.

 **VAN STRIPLING**
Notary Public - State of Kansas
My Appt. Expires 8/2/2024

Van Stripling NOTARY PUBLIC
VAN STRIPLING

MY APPOINTMENT EXPIRES 8/2/2024

THIS PLAT OF "ARBOR VALLEY", VALLEY CENTER, SEDGWICK COUNTY, KANSAS, HAS BEEN SUBMITTED TO AND APPROVED BY THE VALLEY CENTER PLANNING AND ZONING BOARD.

DATED THIS 26TH DAY OF OCT., 2021.

PLANNING COMMISSION

Gary Janzen CHAIR
GARY JANZEN
Ben W. Shuck SECRETARY
BEN W. SHUCK

CURVE #	LENGTH	RADIUS	DELTA	TANGENT	CHORD BEARING	CHORD LENGTH
C1	314.16'	200.00'	090°00'00"	200.00'	N45°58'55"W	282.84'
C2	157.08'	100.00'	090°00'00"	100.00'	S44°01'05"W	141.42'
C3	95.80'	80.00'	068°30'32"	54.58'	N56°40'39"W	90.17'
C4	37.33'	100.00'	02°12'328"	18.89'	N11°40'39"W	37.12'
C5	118.55'	57.00'	019°09'40"	97.08'	S80°34'04"E	98.31'

THIS PLAT APPROVED AND ALL DEDICATIONS SHOWN HEREON ACCEPTED BY THE CITY
COUNCIL OF THE CITY OF VALLEY CENTER, KANSAS, THIS 2ND DAY OF Nov., 2021.

E LOT, BLOCK "A"
 Z HORSE FARM ROAD ADDITION
 SEAL
 INCORPORATED 1985

AT THE DIRECTION OF THE CITY COUNCIL
 Lou Cicirello MAYOR
 Kristi Carrithers CITY CLERK

STATE OF KANSAS)
SS
SEDGWICK COUNTY)

THIS PLAT OF "ARBOR VALLEY", VALLEY CENTER, SEDGWICK COUNTY, KANSAS, IS APPROVED
PURSUANT TO THE PROVISIONS OF K.S.A. 12-401.

DATE SIGNED: Dec 9, 2021, 2021.
BY: Barry A. Buckle

STATE OF KANSAS)
SS
SEDGWICK COUNTY)
REVIEWED IN ACCORDANCE WITH K.S.A. 58-2005 ON THIS 27th DAY OF JAN 2021.

Tricia H. [Signature]
DEPUTY COUNTY SURVEYOR
SEDGWICK COUNTY KANSAS

ENTERED ON TRANSFER RECORD THIS 28th DAY OF December 2021.

KELLY B. ARNOLD

STATE OF KANSAS)
SS
SEDGWICK COUNTY)

THIS IS TO CERTIFY THAT THIS PLAT HAS BEEN FILED FOR RECORD IN THE OFFICE OF THE
REGISTER OF DEEDS, THIS 20th DAY OF Dec, 2021, AT 3:21:53 O'CLOCK P.M, AND IS DULY
RECORDED

RECORDED: _____

 TONYA BUCKINGHAM REGISTER OF DEEDS


KENLY ZEHRING DEPUTY

LOT 1, BLOCK "A"
HORSE FARM

B BENCHMARK #6: CHISELED SQUARE ON THE TOP OF CURB

ON THE WEST SIDE OF A DRIVEWAY, 107 FEET NORTH OF
THE CENTERLINE OF 77TH ST. N. AND 2687 FEET EAST OF
THE CENTERLINE OF SENECA ST ELEV = 1379.91 (NAVD88)

BENCHMARK #5: CHISELED SQUARE ON THE TOP OF HEADWALL AT THE SOUTHEAST CORNER OF A BRIDGE ON SENECA ST 3286 FEET NORTH OF THE CENTERLINE OF

THE CENTERLINE OF 77TH ST. ELEV = 1353.24 (NAVD88)

E COR. W1/2
EC. 32-T25S-R1E
ET MAG NAIL

POINT OF BEGINNING)

 Sedgwick County
Register of Deeds - Tonya Buckingham
Doc # / E/L - P - 20125432

SE COR. SE1/4
SEC. 32-T2SS-R1E
3/4" REBAR

Cashier: vbunch
Authorized: *Tracy Backington*
Date Recorded: 12/20/2021 03:21:53 PM

SHEET 1 OF 1

FINAL PLAT

**2021
ARBOR VALLEY
VALLEY CENTER
SEDGWICK COUNTY, KANSAS**

PC 297-5