

STORM SEWER IMPROVEMENTS to serve ADVANCED ORTHOPAEDIC ASSOCIATION LOT 1, BLOCK A, KANSAS SURGERY AND RECOVERY CENTER 2ND ADDITION CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
2022-000743 PPD (56030970)

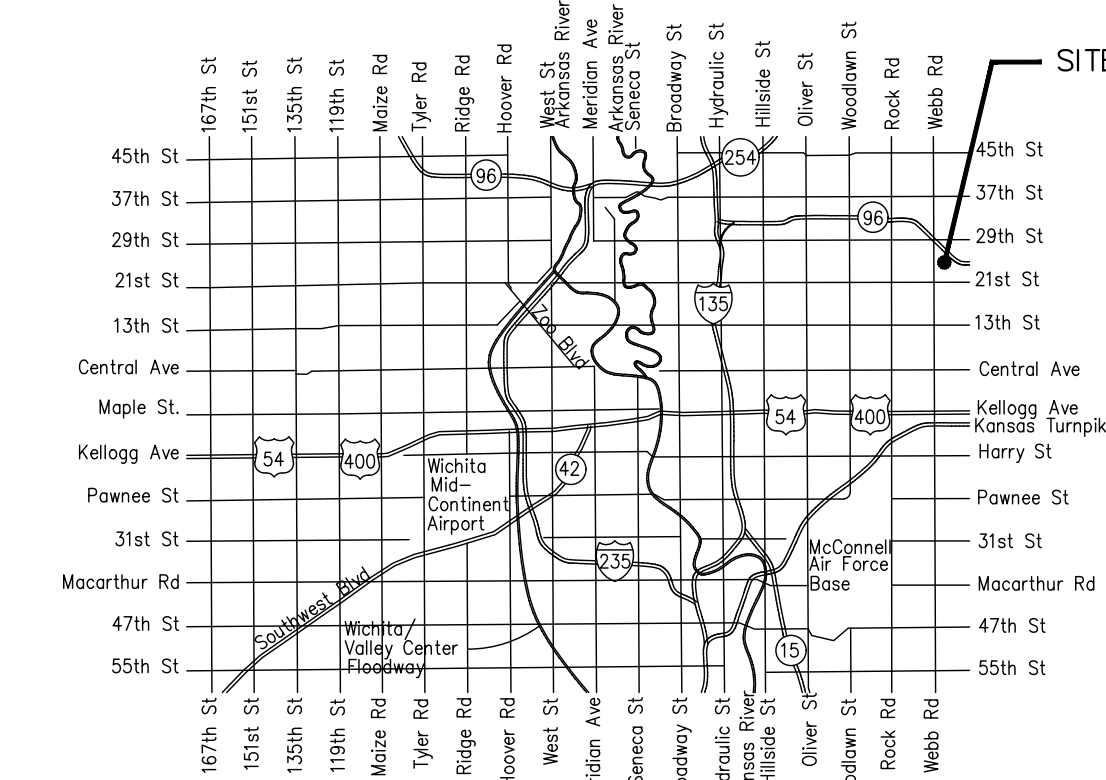
GENERAL NOTES

- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

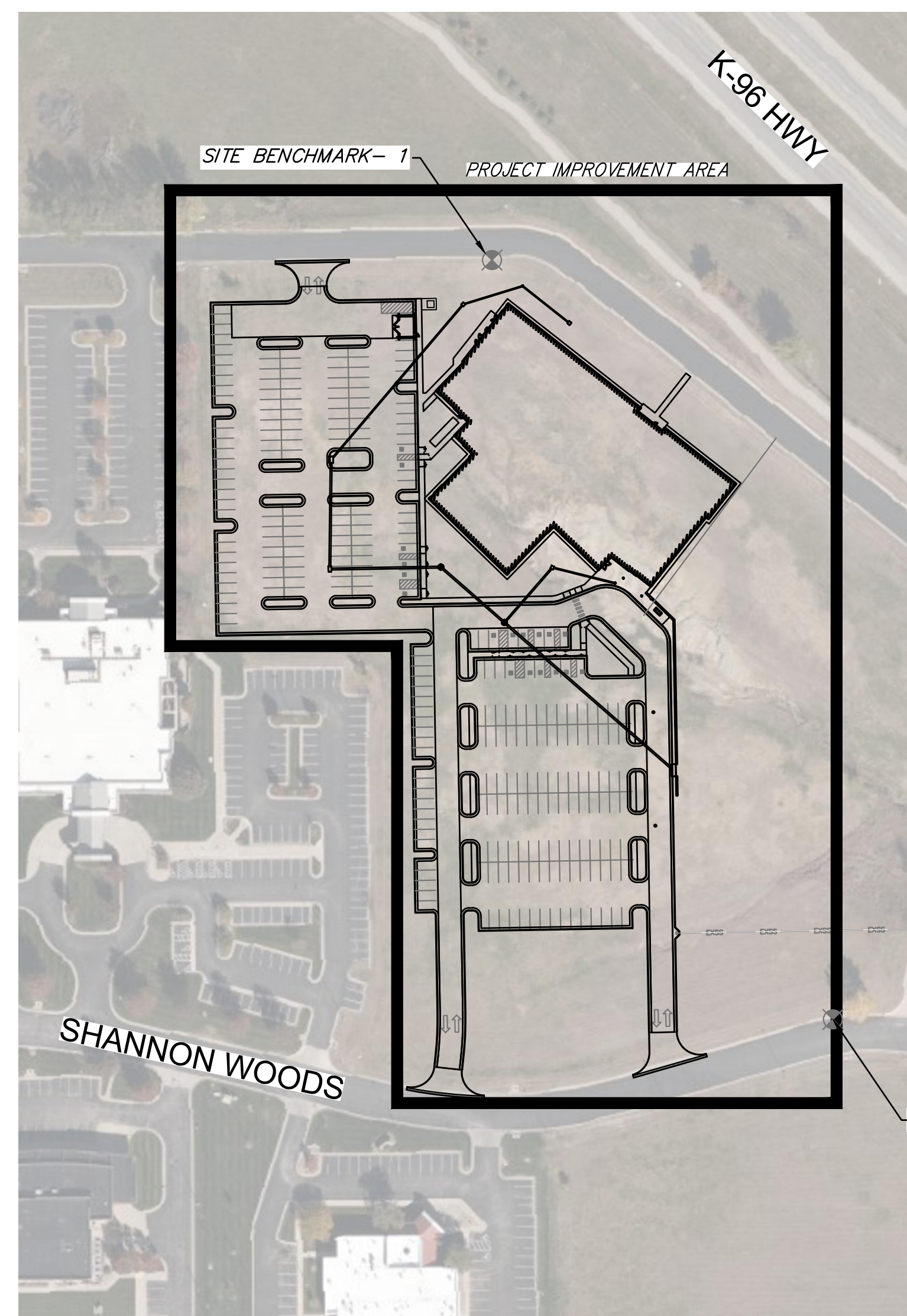
KANSAS ONE-CALL 687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T 1-800-246-8464
BLACK HILLS ENERGY 1-800-694-8989
CITY OF WICHITA WATER & SEWER 1-316-219-8921
CITY OF WICHITA STORMWATER 1-316-268-4090
CITY OF WICHITA TRAFFIC 1-316-268-4034
COX COMMUNICATIONS 1-888-249-3530
KANSAS GAS SERVICE 1-888-482-4950
EVERGY 1-800-544-4857
- UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS. OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WILL REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE CITY ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- THE ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FINAL GRADES BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE INSPECTING ENGINEER AND DAWNITA REINHARDT AT 316-268-4574 WITH THE CITY OF WICHITA WITH THE ANTICIPATED CONSTRUCTION START DATE AND NOTIFY THEM OF PROJECT COMPLETION. STAKING AND INSPECTION FOR THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, MIKE ARMOUR AT TRAFFIC@CITYOFWICHITA.GOV BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTORS RESPONSIBILITY.
- ALL ELEVATIONS SHOWN ARE NAVD 88.
- ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
- ANY SIDEWALK, DRIVE APPROACH, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY THE CITY CONTRACTOR. PERMITS CAN BE OBTAINED BY CALLING 316-268-4501 OR 316-268-4480.
- CITY MAINTENANCE OF STORM SEWER ENDS AT THE LAST STRUCTURE IN THE EASEMENT OR RIGHT-OF-WAY.
- CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
- THE INSPECTING FIRM SHALL SUBMIT TO THE CITY STORMWATER MAINTENANCE DIVISION A DIGITAL COPY OF THE CCTV INSPECTION OF THE CONDUITS AND STRUCTURES FOLLOWING CONSTRUCTION. THE DIGITAL FILE FORMATION SHALL BE COMPATIBLE WITH THE CITY INPUT TEMPLATE. A COPY OF THE TEMPLATE IS AVAILABLE UPON REQUEST AT 316-268-4090.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGHOUT CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.
- A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDED AROUND MANHOLES WHICH EXTEND MORE THAN ONE (1) FOOT ABOVE THE EXISTING GROUND. SUCH MOUND SHALL BE CONSTRUCTED WITH NEW DEVELOPMENT AS A SIX (6) FOOT DIAMETER FLAT TOP WITH 4 TO 1 SIDE SLOPES DOWN TO THE ORIGINAL GROUND. THE ELEVATION OF THE FLAT TOP OF THE MOUND SHALL BE 0.4 FOOT BELOW THE TOP OF THE MANHOLE.
- GEOTECHNICAL REPORT AVAILABLE UPON REQUEST.
- EROSION CONTROL DETAILS SHEETS ARE AVAILABLE ON THE CITY OF WICHITA'S WEBSITE.



Vicinity Map



SHEET INDEX

SHEET NO. 1	CU301 - PPD COVER SHEET
SHEET NO. 2	CU302 - PPD KEY MAP AND BUBBLE MAP
SHEET NO. 3	CU303 - STORM SEWER LINE NO. 1
SHEET NO. 4	CU304 - STORM SEWER LINE NO. 1
SHEET NO. 5	CU305 - STORM SEWER LINE NO. 2
SHEET NO. 6	CU321 - TYPE 1 CURB INLET DETAILS
SHEET NO. 7	CU322 - AREA INLET DETAILS
SHEET NO. 8	CU601 - COPY OF PLAT
SHEET NO. 9-13	EROSION CONTROL BMP DETAILS (AVAILABLE ON THE CITY OF WICHITA'S WEBSITE)

Stormwater Certification:	
<i>(New Development) or Redevelopment (Circle One)</i>	
Stormwater Permit #	_____
NOI State Permit #	S-AR94-1738
NOI Federal Permit #	KSR120264
These construction plans were prepared in accordance with the current Stormwater management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.	
Site Area (Acres) =	5.50
Disturbed Area (Acres) =	5.42
Water Quality Treatment:	FEE IN LIEU OF
Downstream Channel Protection:	N/A
Detention:	REGIONAL DETENTION FACILITY
The BMP used for this development is DETENTION FACILITY.	

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering SHAWN MELLIES - JUNE 15, 2022

Stormwater JOSEPH HICKLE - JUNE 16, 2022

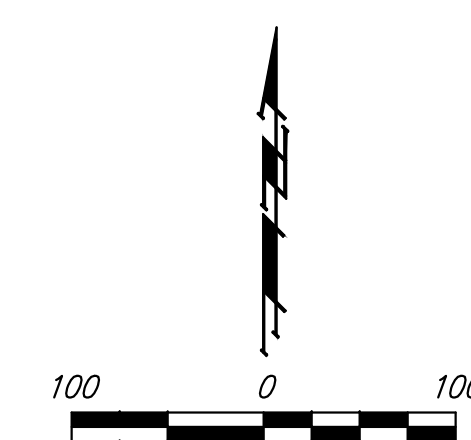
NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions. (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.

AS BUILT PLANS
CONTRACTOR: DONDLINGER CONSTRUCTION
SUPERINTENDENT: BRAD REICHENBERGER
FOREMAN: BILL BUDD
CLIENT: CITY OF WICHITA
INSPECTOR: ROSS POWERS
INSPECTION FIRM: SCHWAB-EATON, PA.
PDF BY: RJP 10/14/2022

BUILT PER PLAN



Boulder Associates
1426 PEARL STREET, SUITE 300
BOULDER, COLORADO 80302
303.499.7795

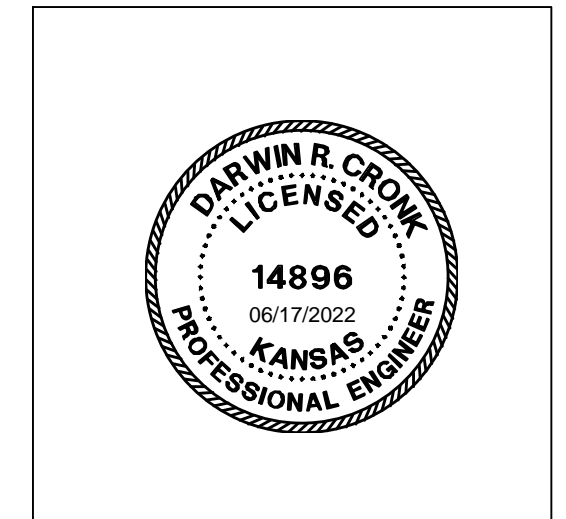


PROJECT 214949.00
ADVANCED ORTHOPAEDIC ASSOCIATES MOB

SHANNON WOODS
WICHITA, KS 67226

PERMIT SET

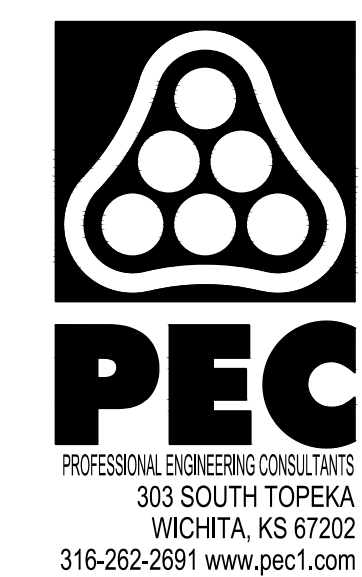
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REVISIONS	
DESCRIPTION	DATE



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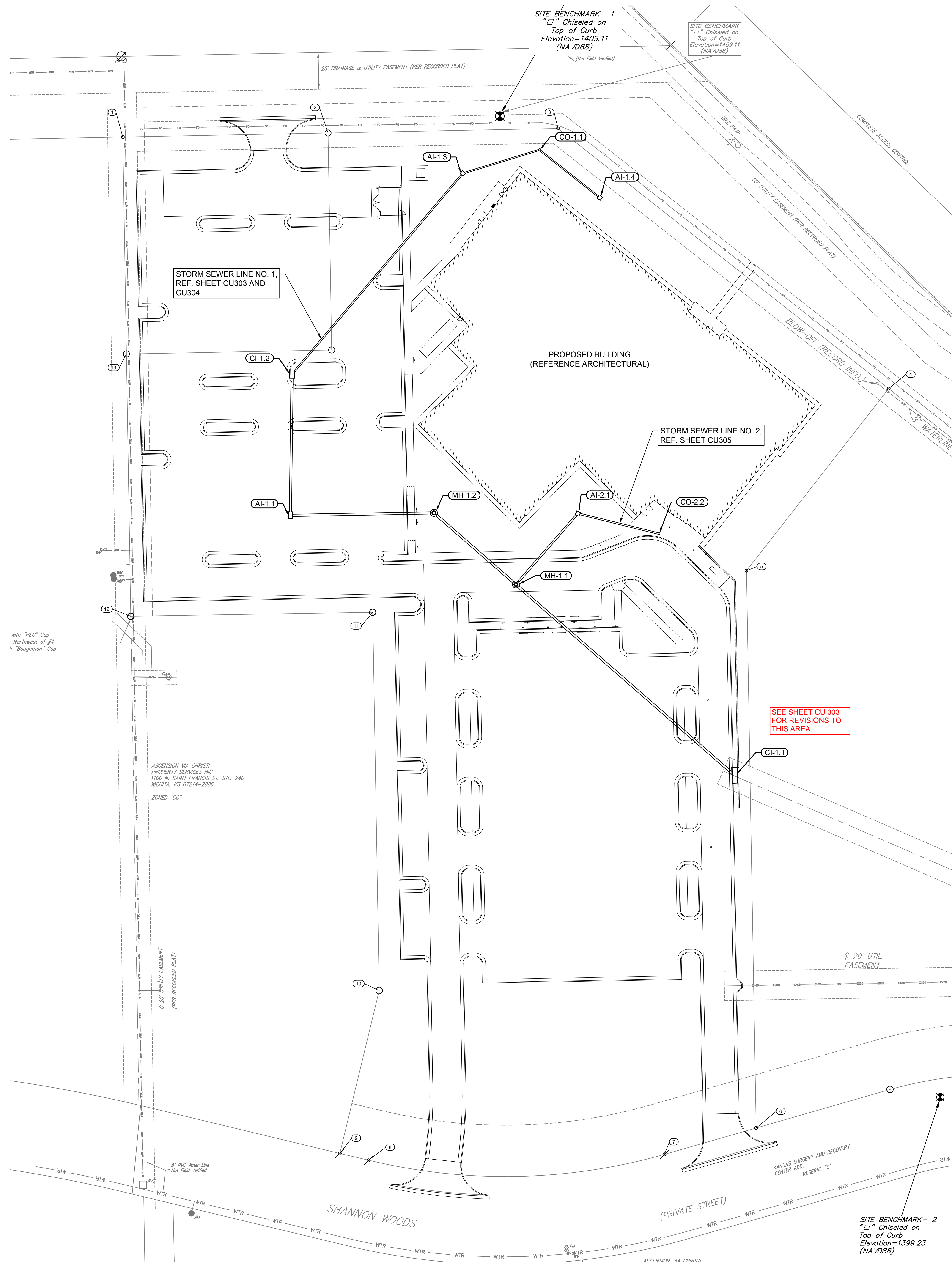
JUNE 2022



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PPD COVER SHEET

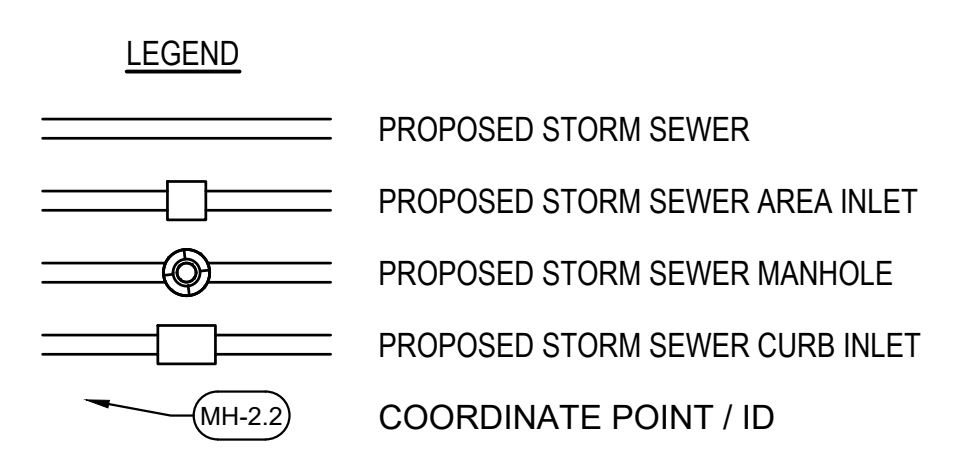
SHEET NUMBER
CU301

© BOULDER ASSOCIATES
 DRAWING NO. 2020-000743 PPD KEY MAP & BUBBLE MAP DWG
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 SAVED 4/28/2022 9:42:01 AM BY CATHY LINK
 INHIBIT INCLUDE SHEET
 PRINT TO SCALE



HORIZONTAL / VERTICAL CONTROL

SITE BENCHMARK - 1
 "1" CHISELED ON TOP OF CURB
 ELEVATION=1409.11 (NAVD88)
 (Not Field Verified)
 SITE BENCHMARK
 "2" Chiseled on Top of Curb
 Elevation=1409.11 (NAVD88)
 SITE BENCHMARK - 2
 "1" CHISELED ON TOP OF CURB
 ELEVATION=1399.23 (NAVD88)



STORM SEWER STRUCTURE COORDINATE LIST

STRUCTURE TABLE						
ID	STATION	COORDINATES	DESCRIPTION	TOP	IN	OUT
CI-1.1	10+00.0 SWS LINE NO 1	N: 1,702,999.0578 E: 1,681,812.5613	CURB INLET 10' X 3'	1400.50	1391.41 18" PIPE	1390.98 30" PIPE
MH-1.1	11+97.9 SWS LINE NO 1	N: 1,703,129.1888 E: 1,681,663.4461	4' DIAMETER MANHOLE	1404.85	1395.67 18" PIPE 1396.33 15" PIPE	1395.37 18" PIPE
MH-1.2	12+72.2 SWS LINE NO 1	N: 1,703,178.0283 E: 1,681,607.4816	4' DIAMETER MANHOLE	1405.00	1396.62 18" PIPE	1396.42 18" PIPE
AI-1.1	13+70.0 SWS LINE NO 1	N: 1,703,176.3171 E: 1,681,509.6389	AREA INLET 4' X 2'	1403.50	1397.31 18" PIPE	1397.11 18" PIPE
CI-1.2	14+06.4 SWS LINE NO 1	N: 1,703,272.6524 E: 1,681,510.8121	CURB INLET 5' X 3'	1404.18	1397.99 12" PIPE	1397.79 18" PIPE 1399.52 6" PIPE
AI-1.3	16+46.1 SWS LINE NO 1	N: 1,703,409.5346 E: 1,681,627.1966	AREA INLET 2' X 2'	1404.50		1398.89 12" PIPE 1400.37 6" PIPE 1399.09 10" PIPE
CO-1.1	17+00.7 SWS LINE NO 1	N: 1,703,425.5680 E: 1,681,679.4749	8" CLEANOUT	1405.58	1399.73 10" PIPE 1399.64 10" PIPE	
AI-1.4	17+53.2 SWS LINE NO 1	N: 1,703,393.0156 E: 1,681,720.6360	AREA INLET 2' X 2'	1404.51		1400.25 10" PIPE 1400.25 10" PIPE

PROPERTY CORNERS

COORDINATE LIST		
POINT	NORTHING	EASTING
1	1,703,434.3228	1,681,395.3532
2	1,703,437.0753	1,681,535.3268
3	1,703,440.1587	1,681,692.1283
4	1,703,262.7619	1,681,917.6574
5	1,703,138.5462	1,681,820.6640
6	1,702,758.5229	1,681,827.2493
7	1,702,740.5375	1,681,764.7542
8	1,702,736.5572	1,681,562.9993
9	1,702,741.1794	1,681,543.3534
10	1,702,852.2540	1,681,570.1867
11	1,703,110.2061	1,681,565.7723
12	1,703,107.4983	1,681,400.8012
13	1,703,286.3427	1,681,397.8200

STRUCTURE TABLE						
ID	STATION	COORDINATES	DESCRIPTION	TOP	IN	OUT
AI-2.1	10+64.3 SWS LINE NO 2	N: 1,703,177.6041 E: 1,681,705.6975	AREA INLET 2' X 2'	1405.00	1396.96 12" PIPE	1400.32 10" PIPE 1396.65 15" PIPE
CO-2.2	11+21.3 SWS LINE NO 2	N: 1,703,163.8307 E: 1,681,761.0070	8" CLEANOUT	1405.93		1397.40 12" PIPE 1397.62 8" PIPE



1426 PEARL STREET, SUITE 300
 BOULDER, COLORADO 80302
 303.499.7795



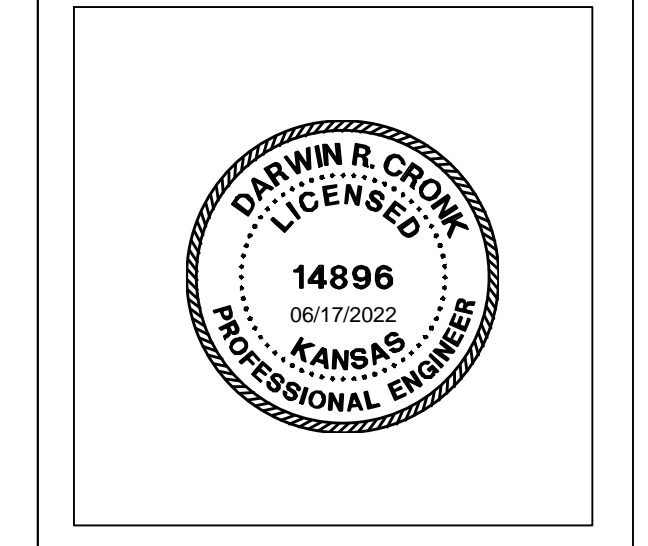
PROJECT 214949.00

**ADVANCED
 ORTHOPAEDIC
 ASSOCIATES
 MOB**

SHANNON WOODS
WICHITA, KS 67226

PERMIT SET

DATE	DESCRIPTION	DATE
5/3/22		

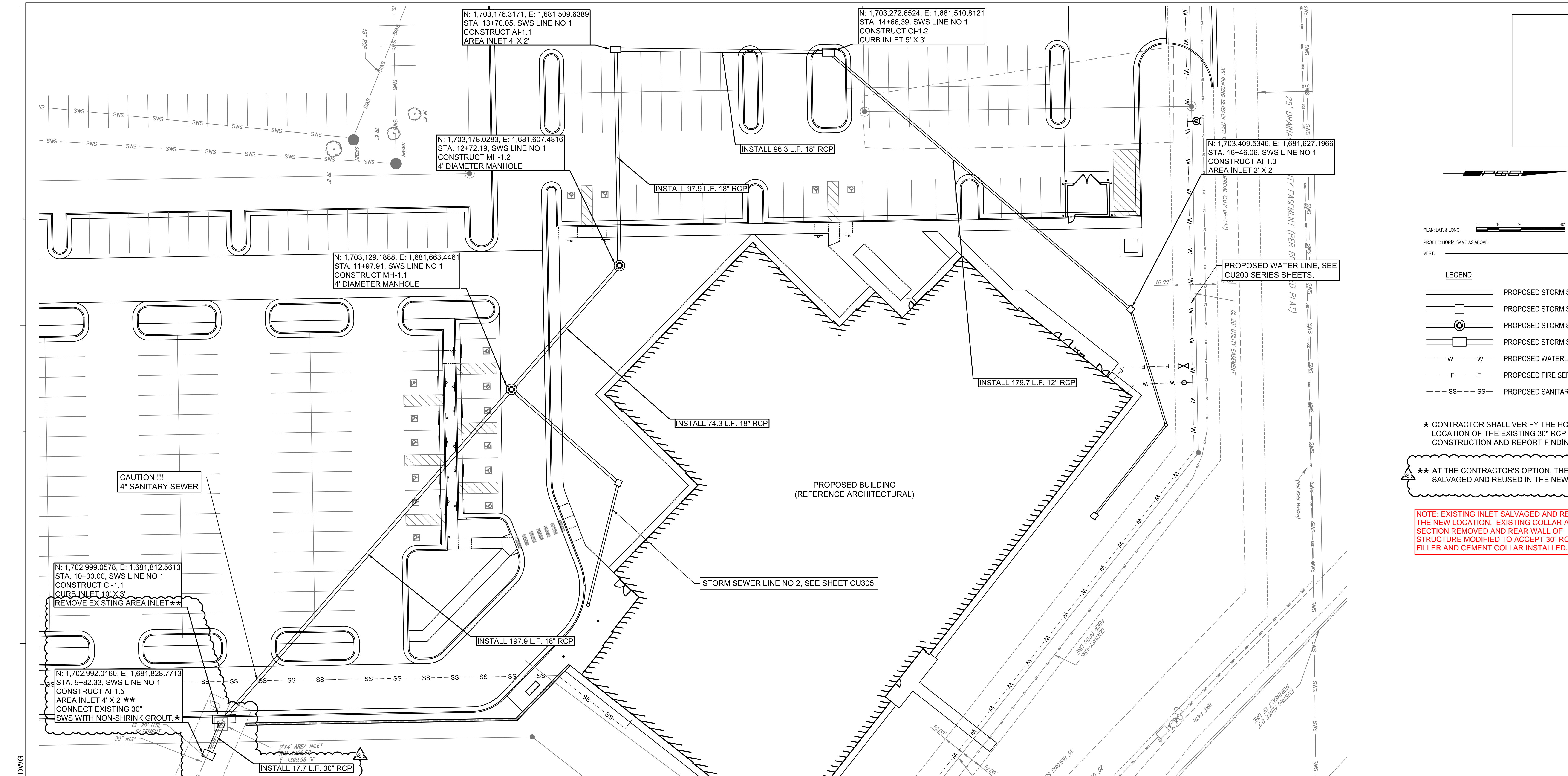


CITY OF WICHITA PROJECT NUMBER
 2020-000743 PPD (56030970)



SHEET TITLE
**PPD KEY MAP
 AND BUBBLE MAP**

SHEET NUMBER
CU302



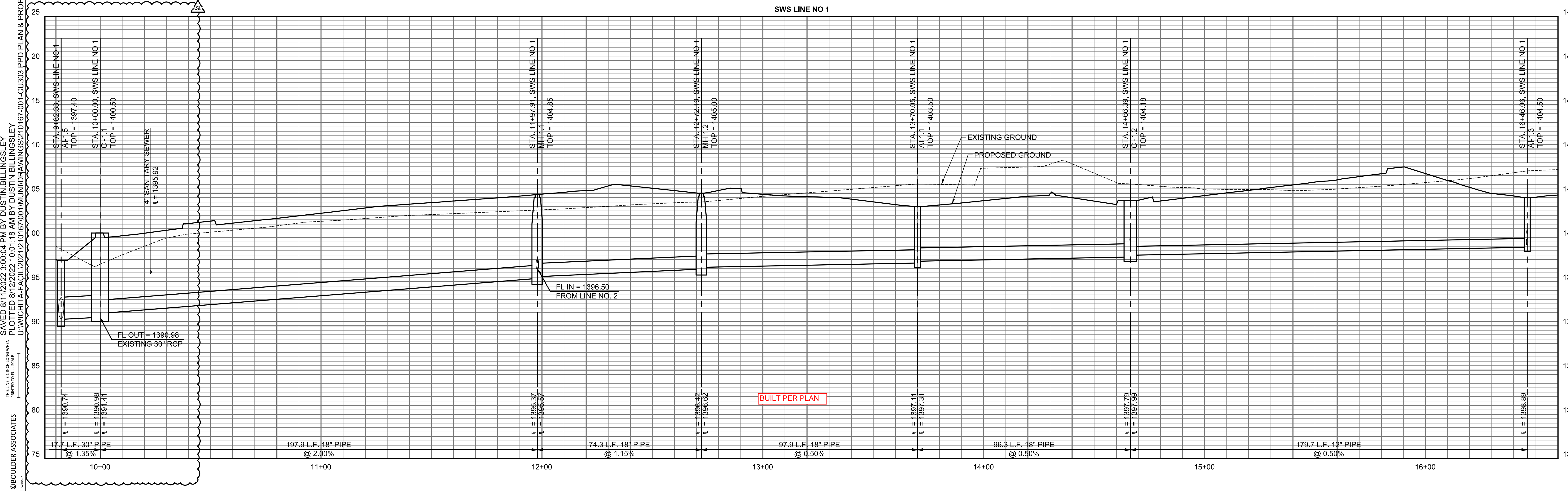
LEGEND

- PROPOSED STORM SEWER
- PROPOSED STORM SEWER AREA INLET
- PROPOSED STORM SEWER MANHOLE
- PROPOSED STORM SEWER CURB INLET
- PROPOSED WATERLINE
- PROPOSED FIRE SERVICE LINE
- PROPOSED SANITARY SEWER LINE

* CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING 30" RCP PIPE PRIOR TO CONSTRUCTION AND REPORT FINDINGS TO THE ENGINEER.

** AT THE CONTRACTOR'S OPTION, THE EXISTING INLET MAY BE SALVAGED AND REUSED IN THE NEW LOCATION.

NOTE: EXISTING INLET SALVAGED AND REUSED IN THE NEW LOCATION. EXISTING COLLAR AND PIPE SECTION REMOVED AND REAR WALL OF STRUCTURE MODIFIED TO ACCEPT 30" RCP. BRICK FILLER AND CEMENT COLLAR INSTALLED.



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303.499.7795



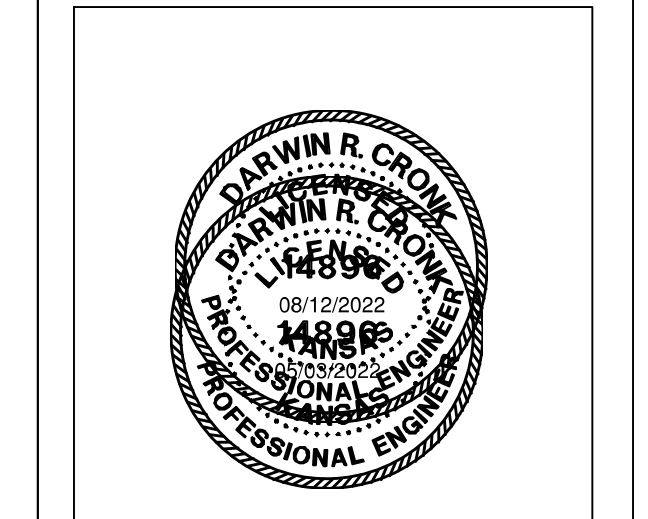
PROJECT 214949.00

ADVANCED ORTHOPAEDIC ASSOCIATES MOB

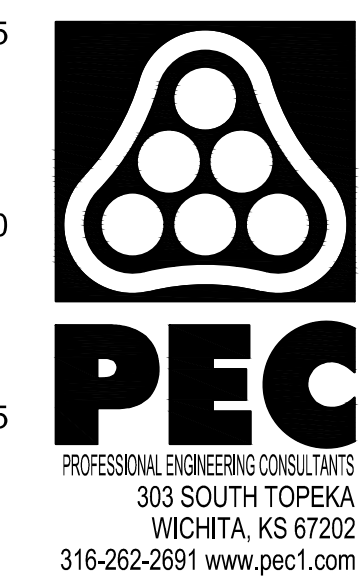
9828 E. SHANNON WOODS
WICHITA, KS 67226

PERMIT SET

DATE	REVISIONS	DESCRIPTION	DATE
5/3/22			
	AS2	ASI-002	7/1/22
	AS5	ASI-005 RETAINING WALL	8/11/22



CITY OF WICHITA PROJECT NUMBER
2020-000743 PPD (56030970)



SHEET TITLE
STORM SEWER LINE NO. 1

SHEET NUMBER
CU303



BOULDER ASSOCIATES

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BOULDER, COLORADO 80302
303.499.7795



Dondlinger
CONSTRUCTION

PROJECT 214949.00

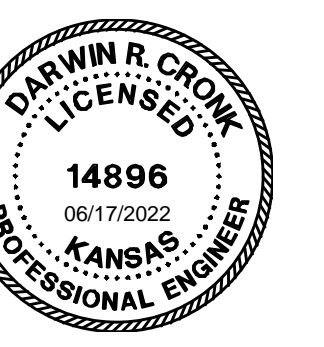
**ADVANCED
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ASSOCIATES
MOB**

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WICHITA, KS 67226

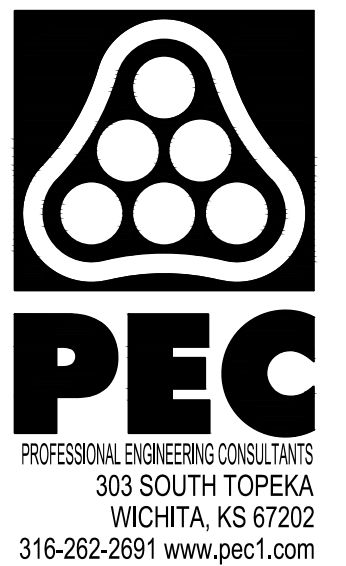
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DATE 5/3/22

REVISIONS	DESCRIPTION	DATE
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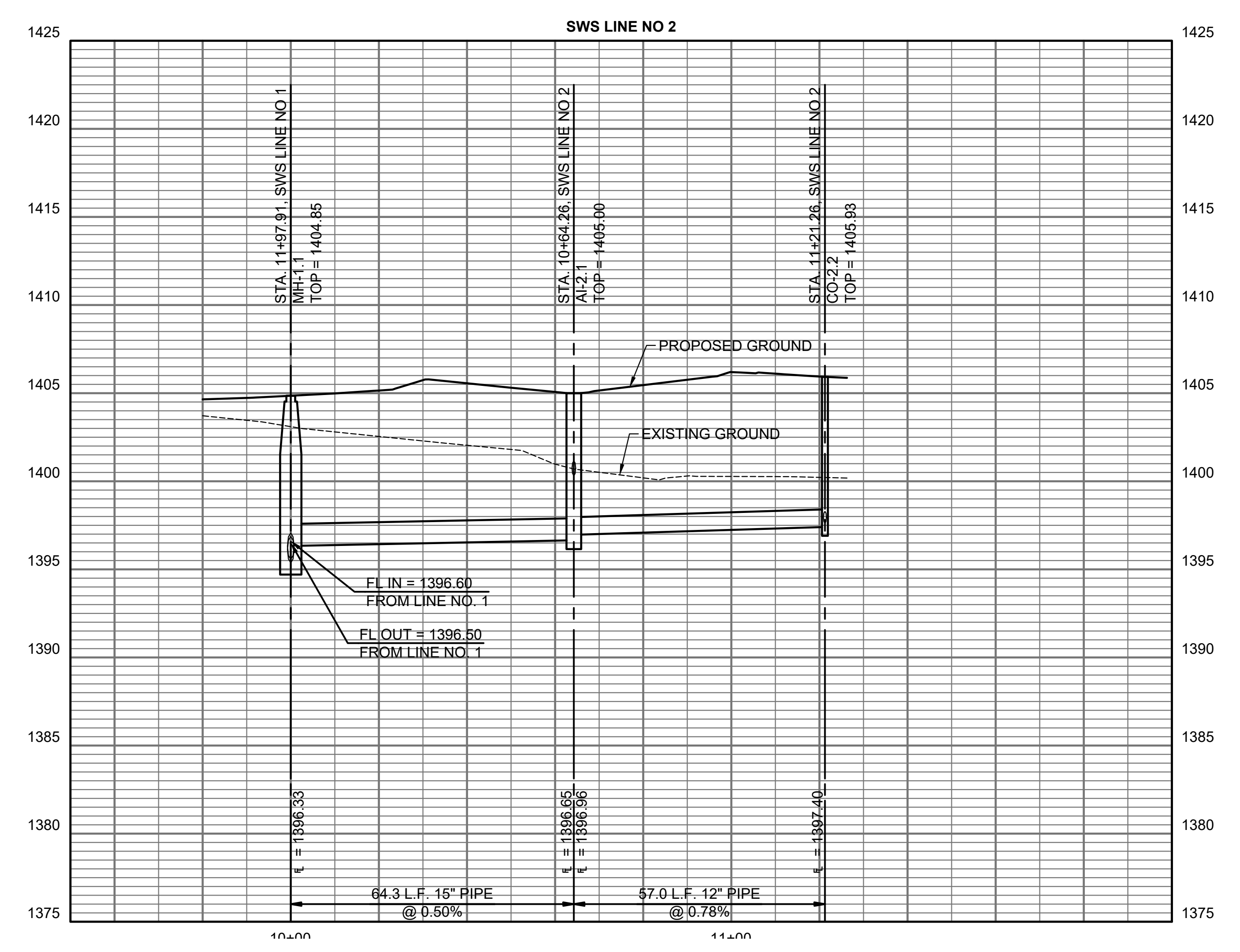
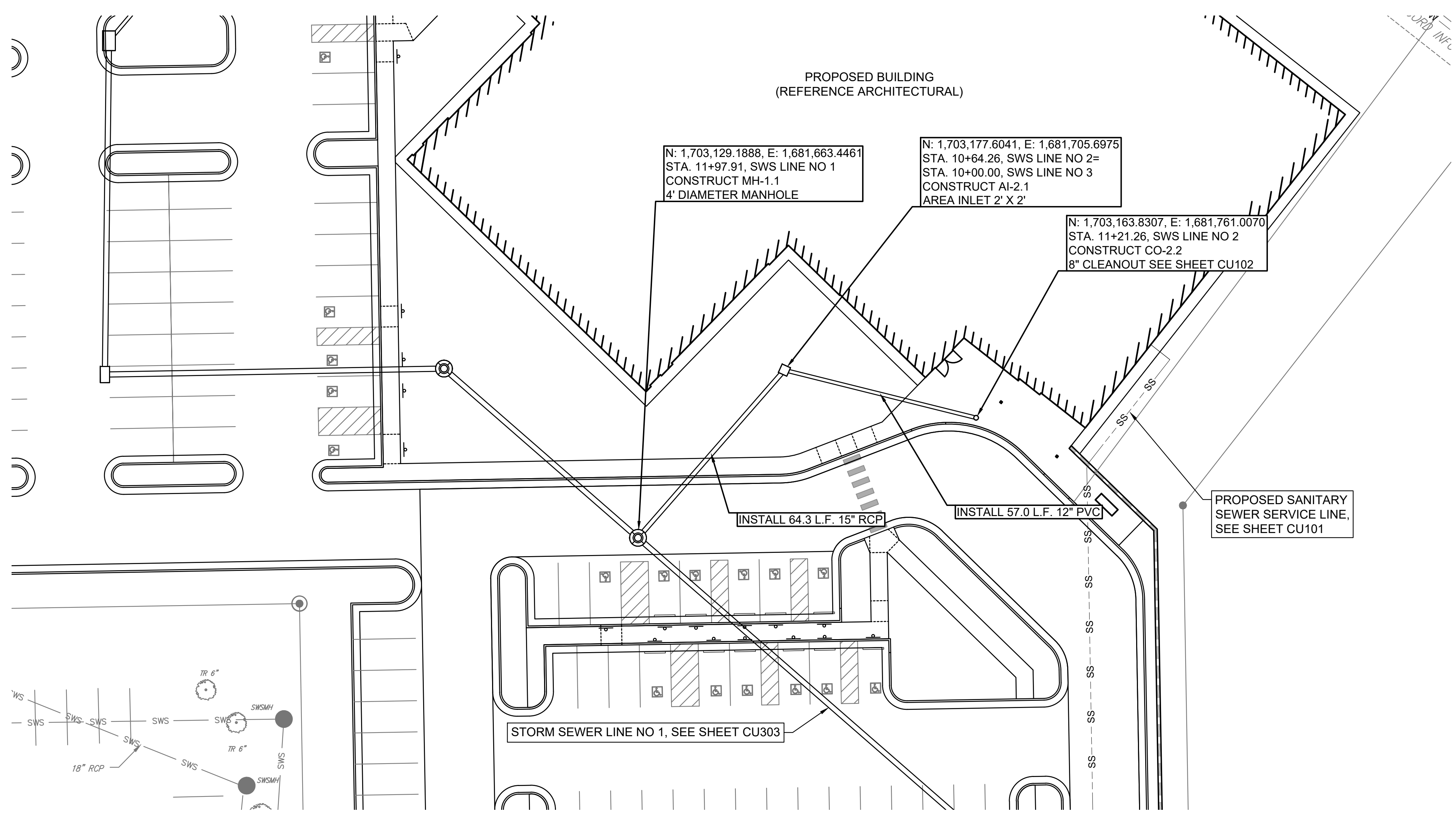
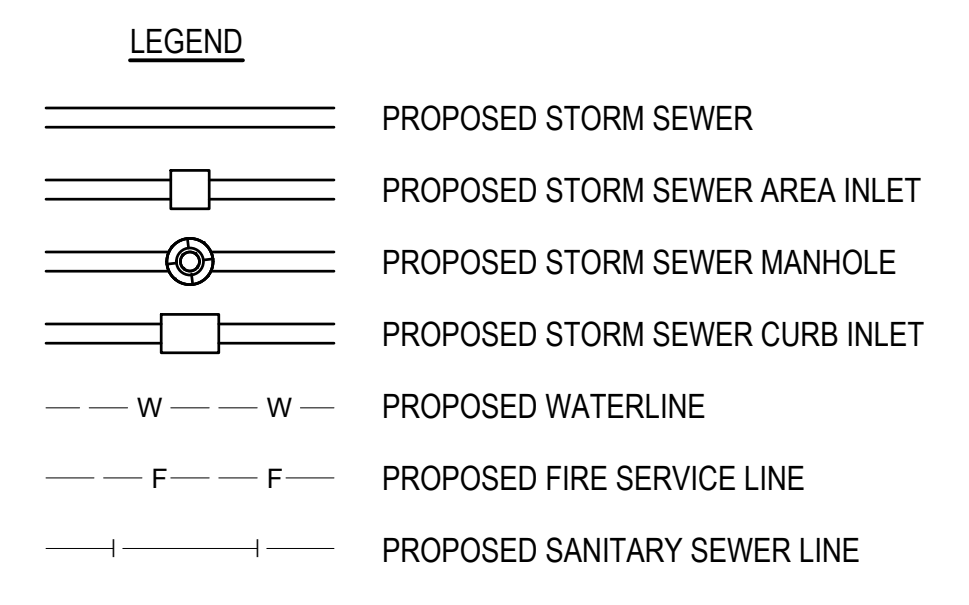
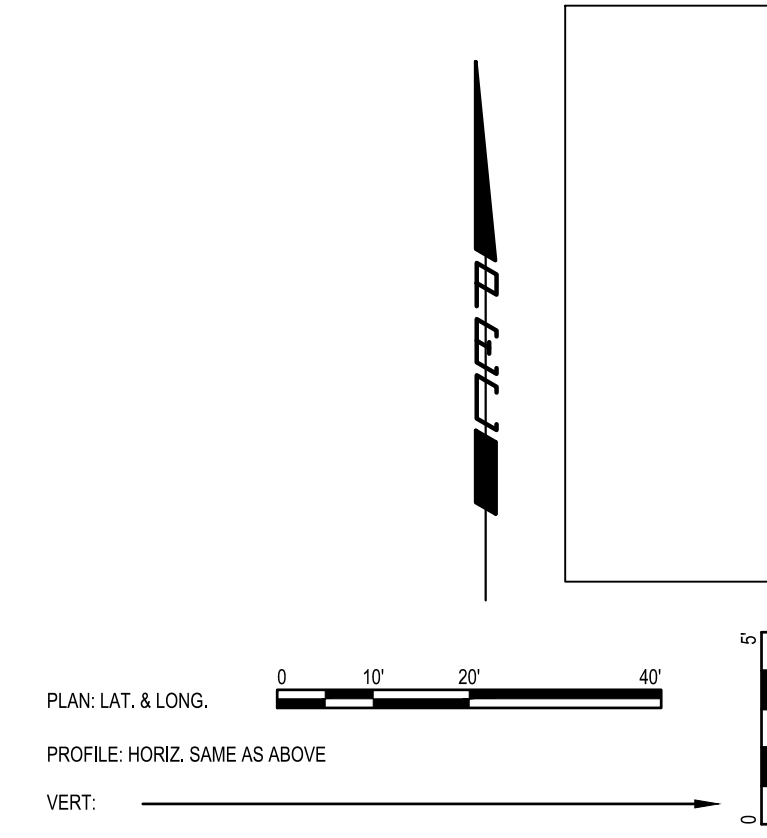


CITY OF WICHITA PROJECT NUMBER
2020-000743 PPD (56030970)



SHEET TITLE
**STORM SEWER
LINE NO. 2**

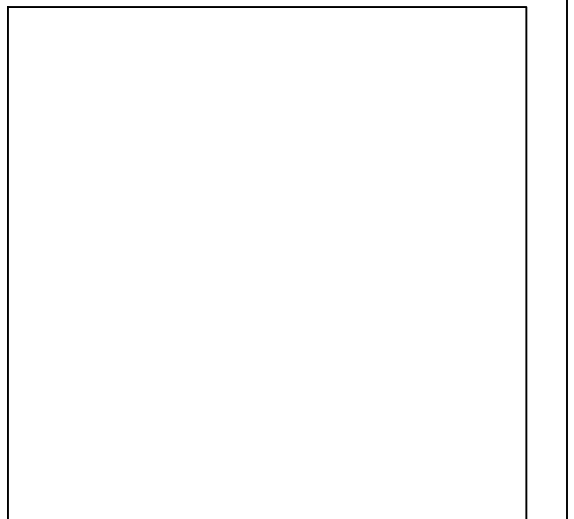
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CU305



BUILT PER PLAN

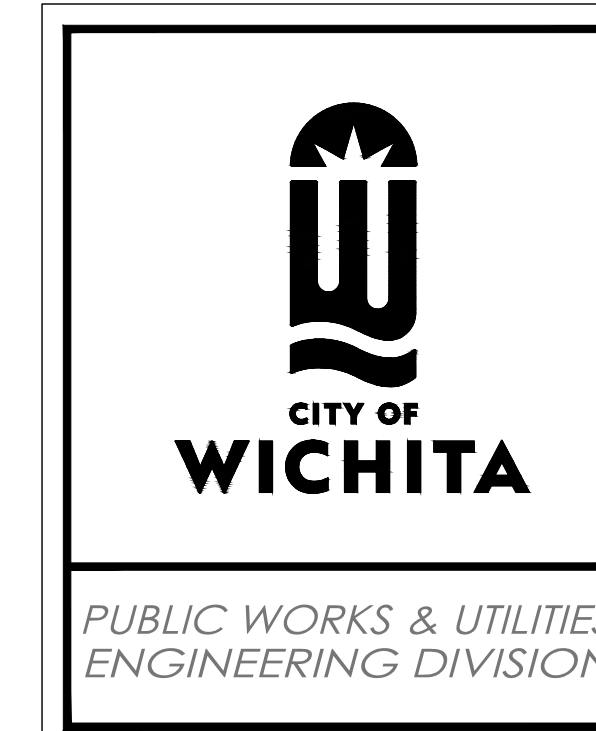
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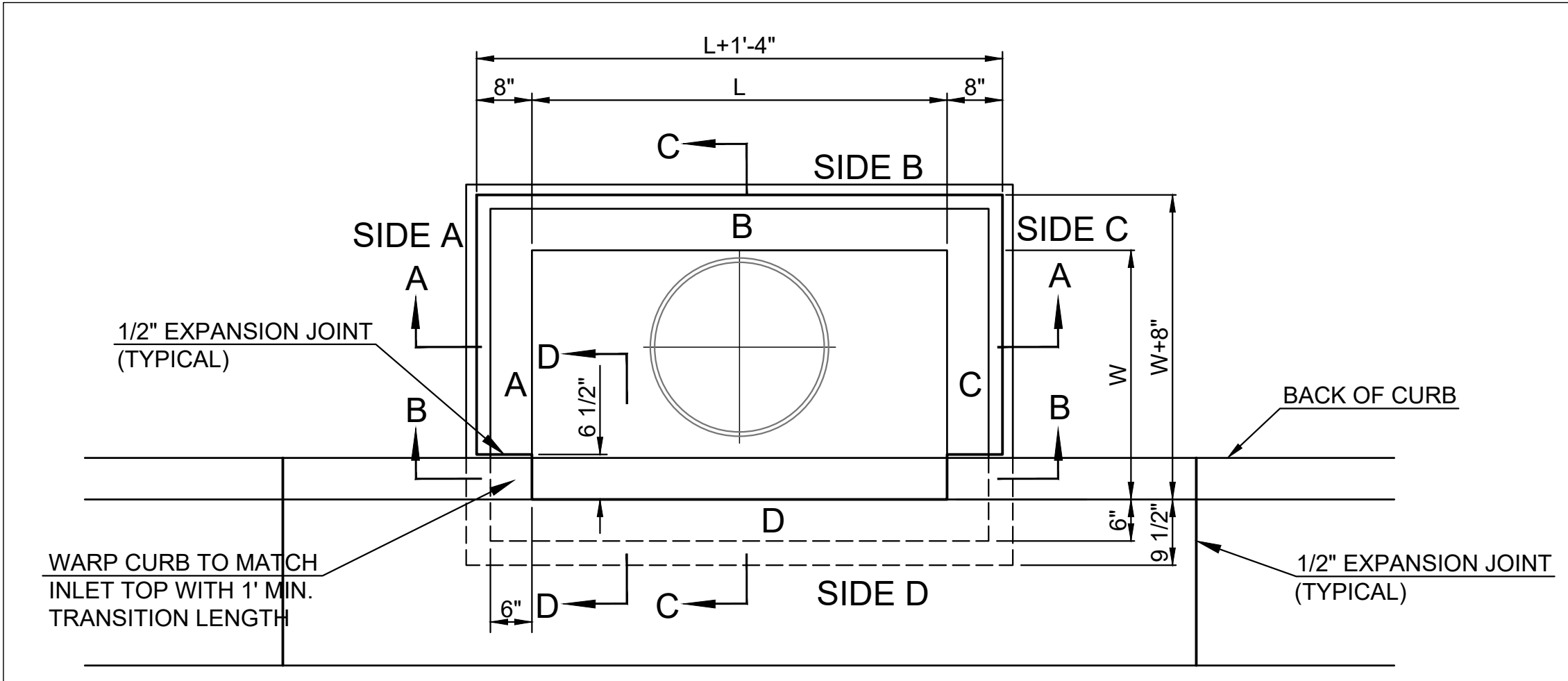
CITY OF WICHITA PROJECT NUMBER
2020-000743 PPD (56030970)

REVISED: MARCH 2015



STANDARD TYPE 1 CURB INLET		
5'-0" OR 10'-0" OPENING		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER	OCA NUMBER	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET _ of _

SW-101



TOP VIEW

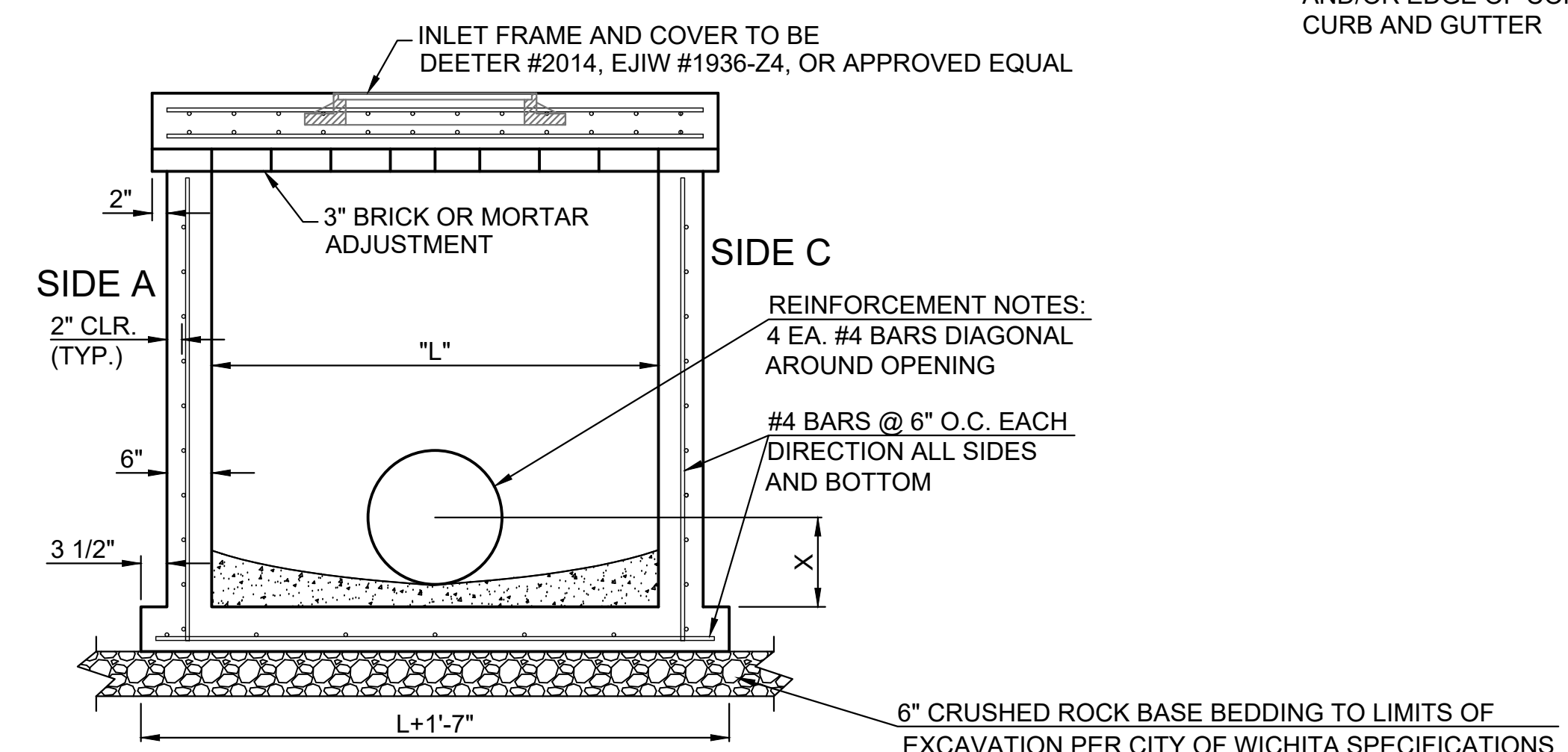
BAR SCHEDULE		
INLET OPENING	B1 BARS	SPACING
5'-0"	#4	4"
10'-0"	#6	3.5"

PRECAST CURB INLET WIDTHS				
W	PRE-CAST TOP SIZE		PIPE DIA.**	
	WIDTH	LENGTH		
3'-0"	W+8"	L+1'-4"	7 1/2"	21" & SMALLER
4'-0"	W+8"	L+1'-4"	7 1/2"	24" & 30"
5'-0"	W+8"	L+1'-4"	7 1/2"	36" & 42"
6'-0"	W+8"	L+1'-4"	7 1/2"	48" & 54"
7'-0"	W+8"	L+1'-4"	7 1/2"	60" & 66"

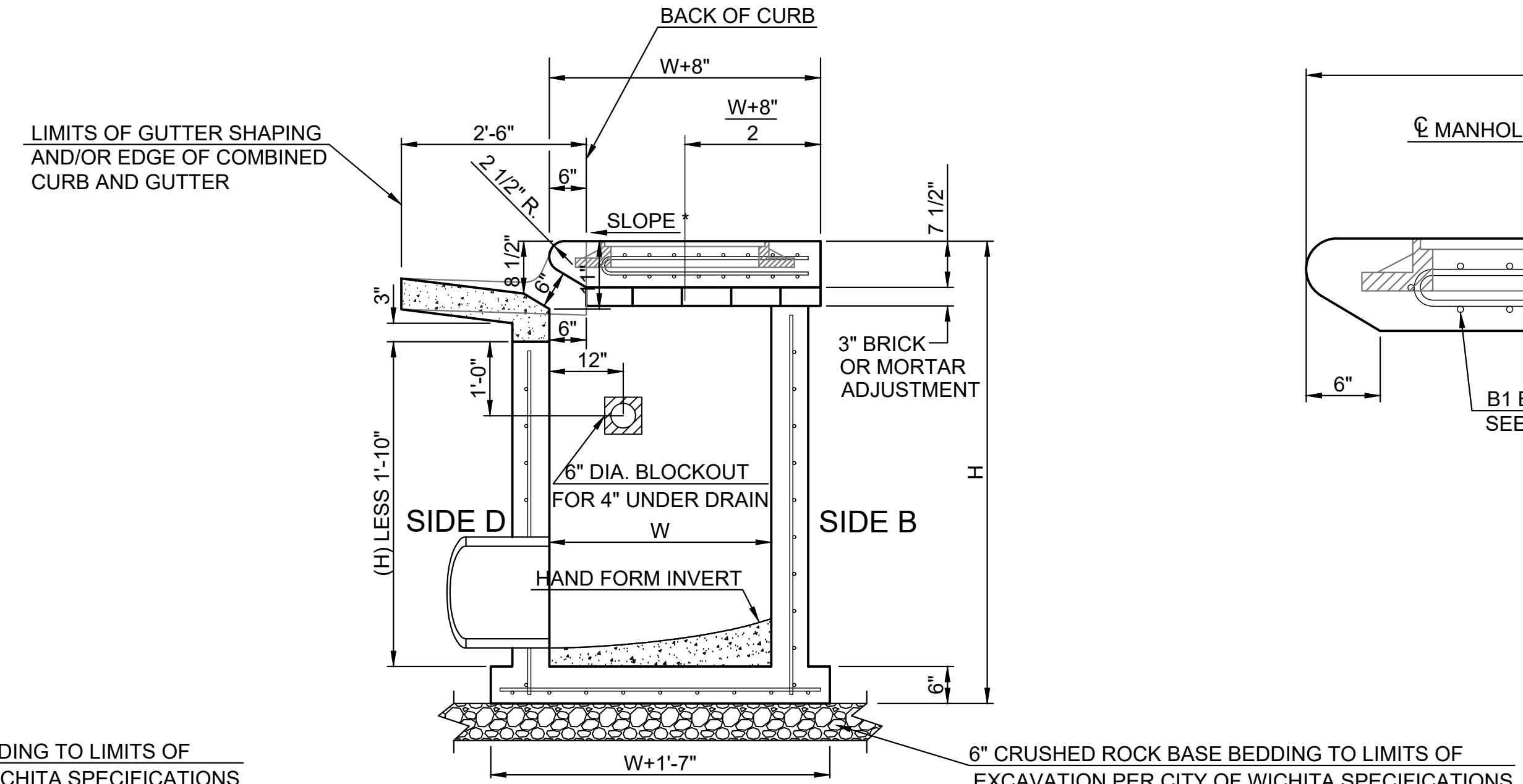
** FOR PIPES PERPENDICULAR TO INLET WALL

GENERAL NOTES

- CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
- CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP OF THIS INLET WHEN W=5'-0" AND H=7'-0" OR LESS.
- 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.
- THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
- INLET FRAME AND COVER TO BE DEETER #2014, EJIW #1936 Z4, OR APPROVED EQUAL.
- CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUTED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.

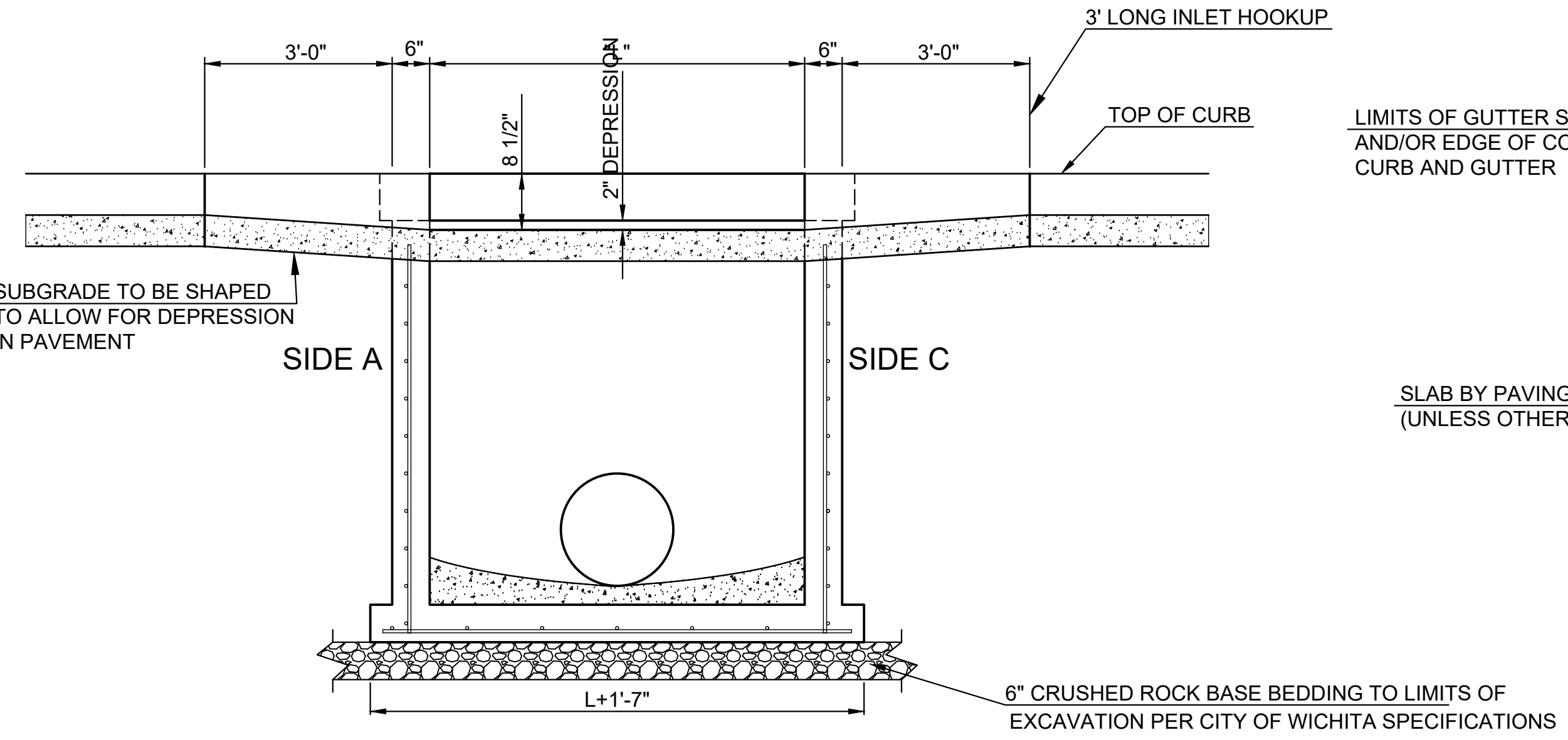


SECTION "A-A"

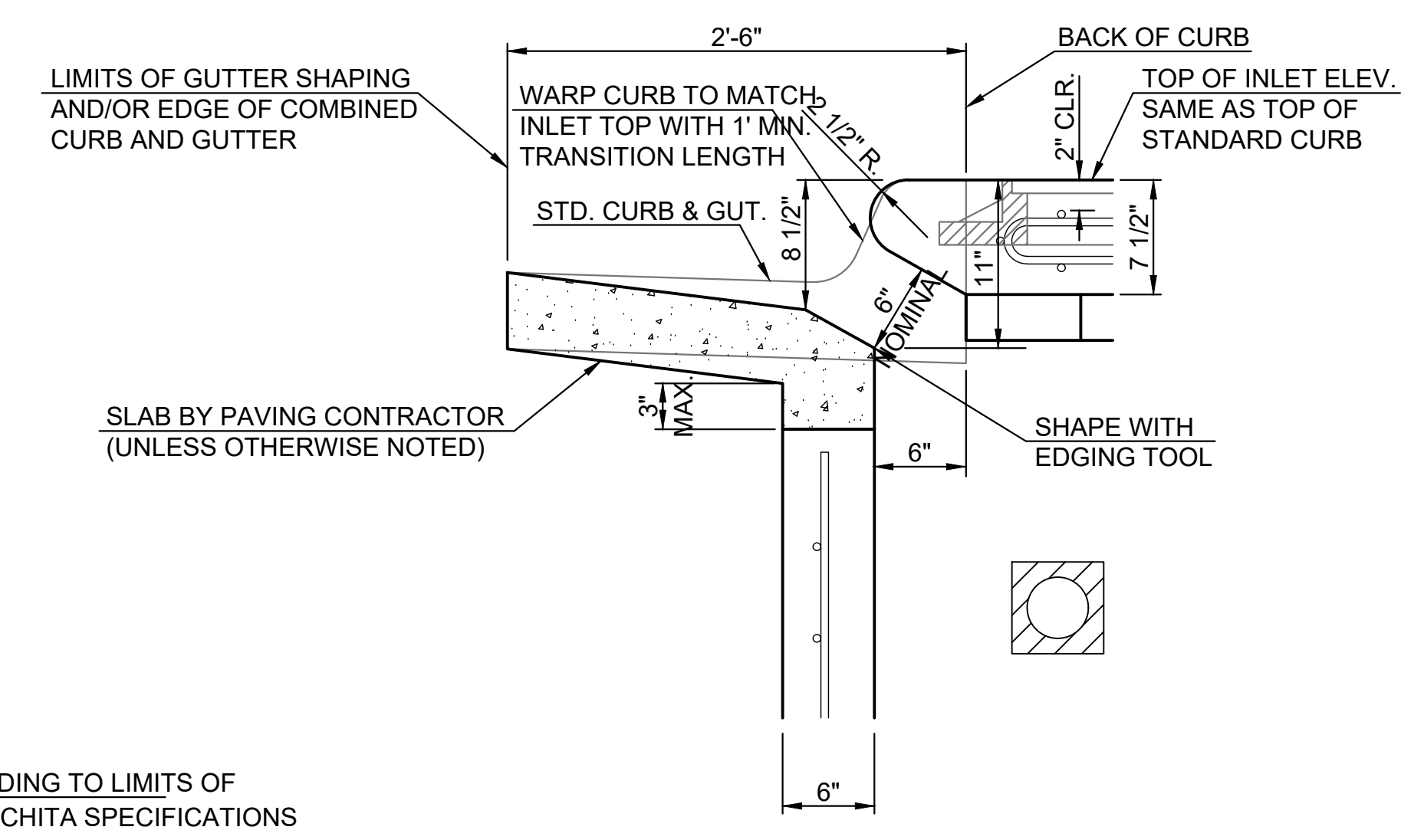


SECTION "C-C"

NOTES:
* SLOPE OF INLET TOP TO MATCH SIDEWALK OR PARKING SLOPES WITHIN LIMITS INDICATED.

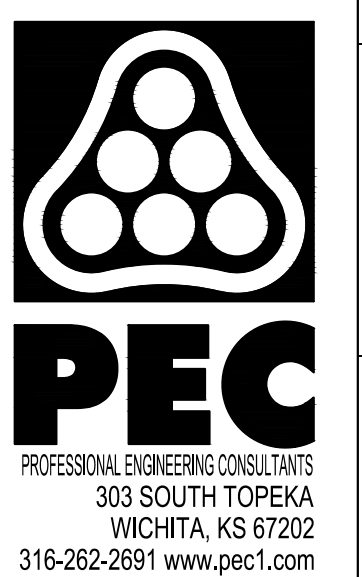


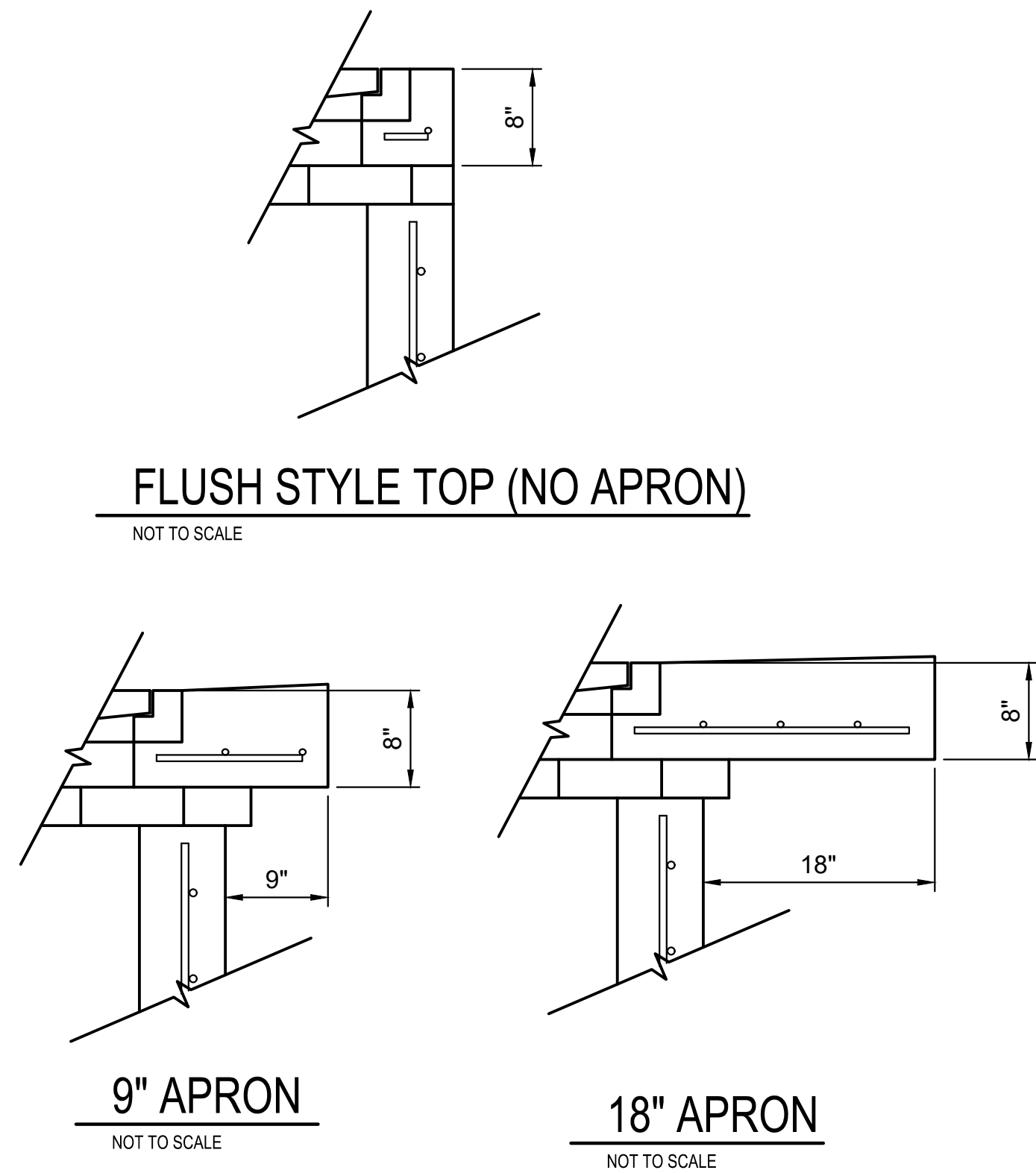
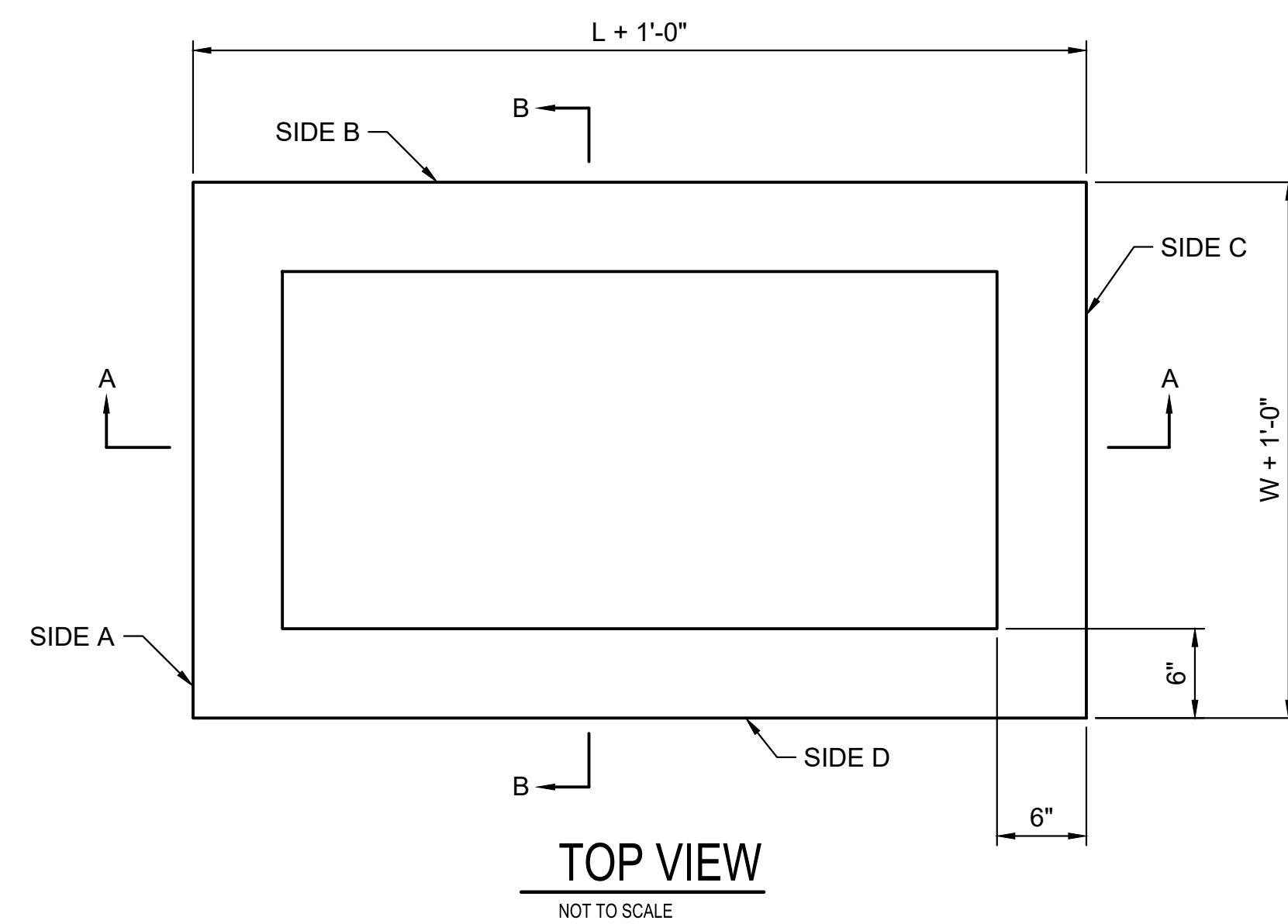
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SECTION "D-D"

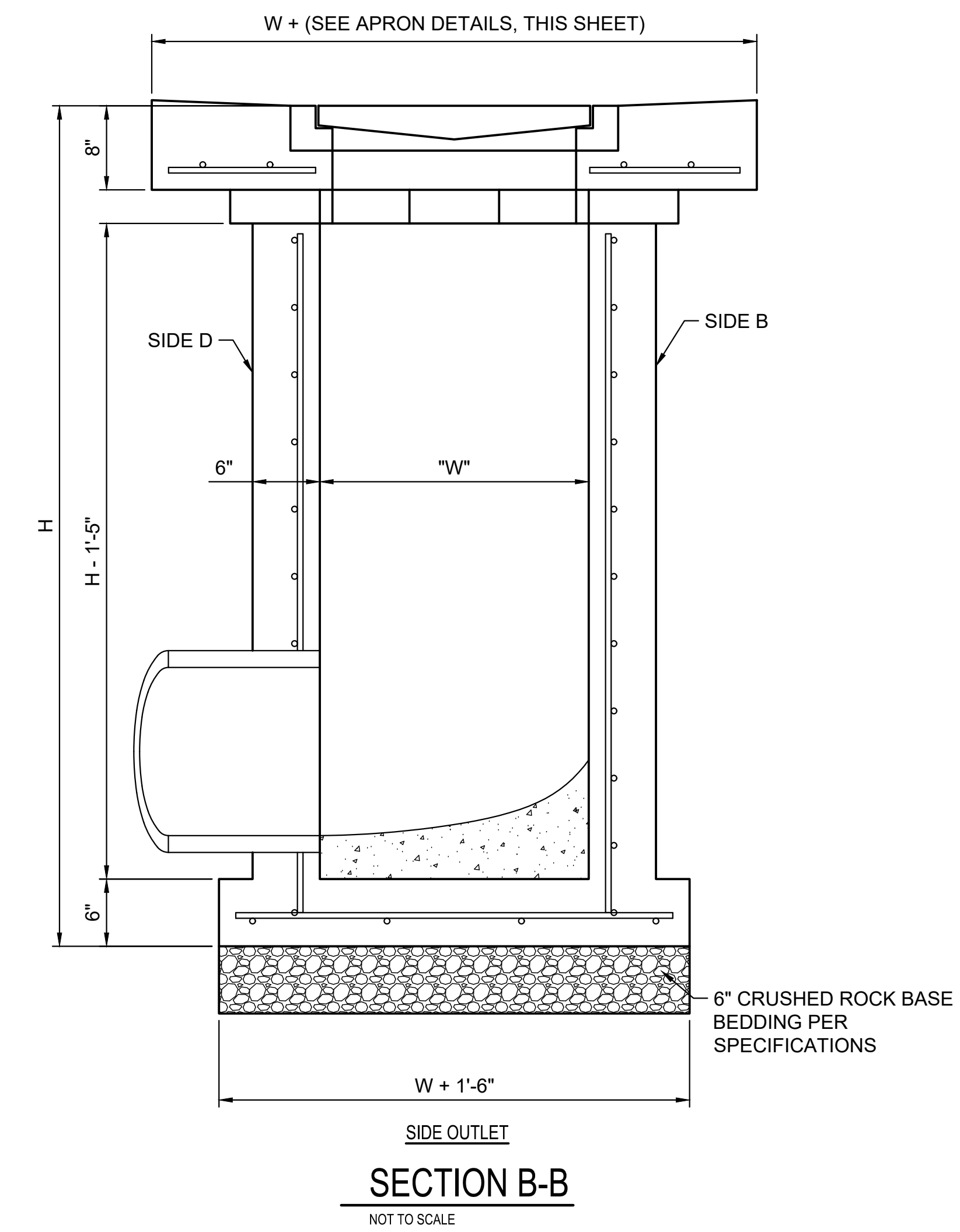
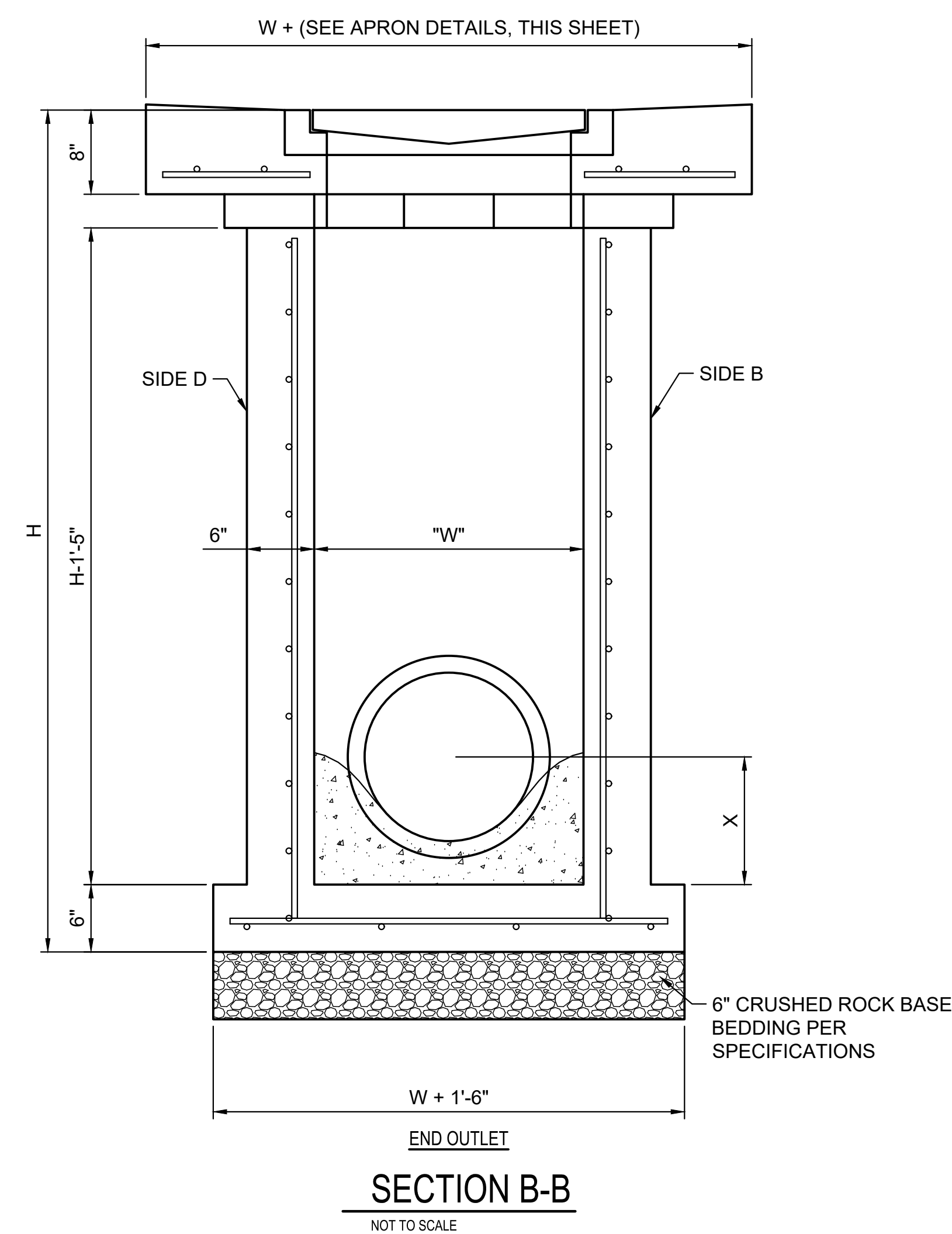
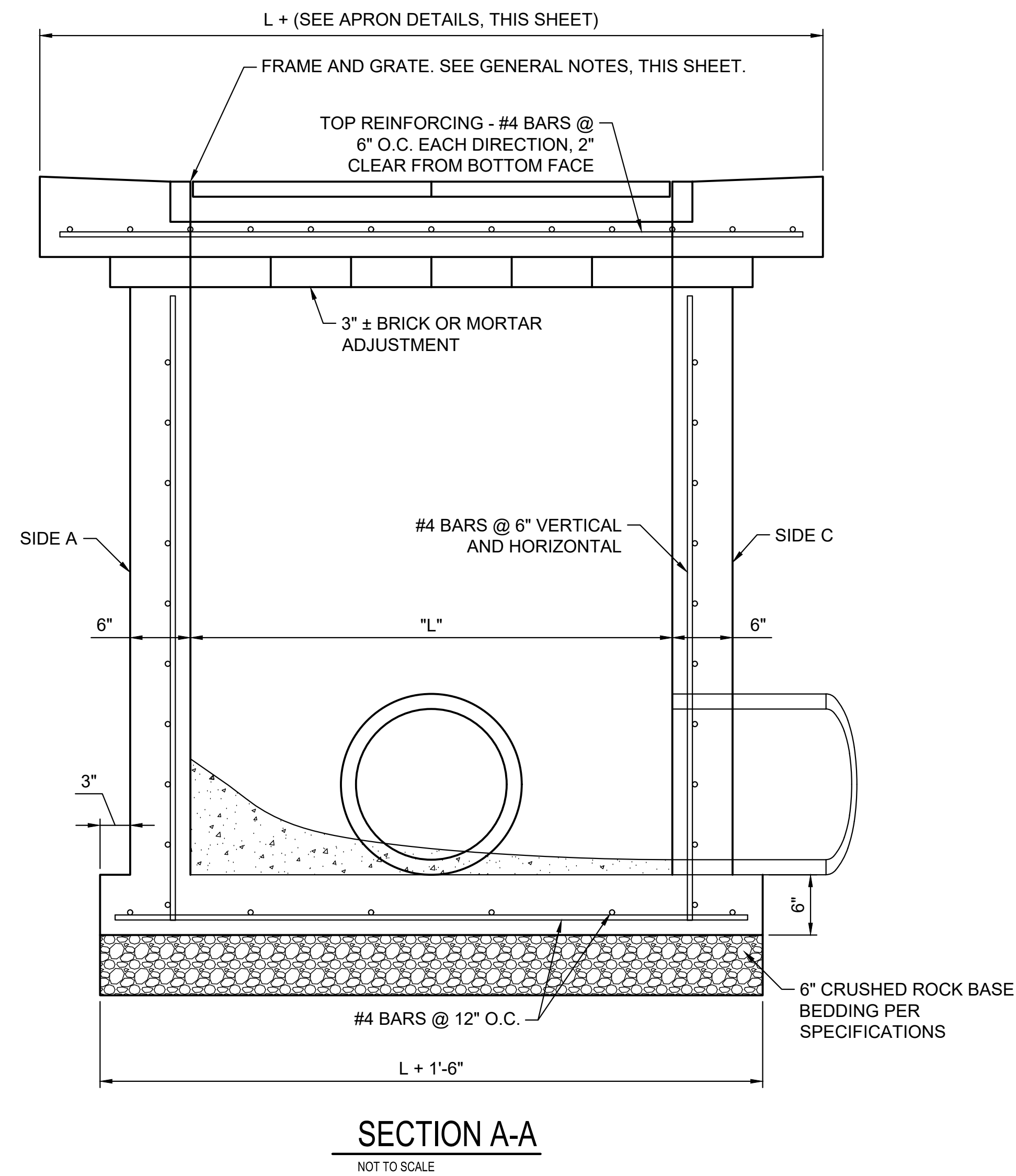
SAVED: 4/21/2022 11:46:39 AM BY CHANCE SWANEY
 PLOTTED: 6/17/2022 10:18:52 AM BY JUSTIN BILLINGSLEY
 L:\WICHITA\FACIL 2021\210167001\MUNIDRAWINGS\210167-001-CU321 TYPE 1 INLET DETAILS.DWG





DROP INLET NOTES

1. W=2' AND L=2' FOR SINGLE AREA INLET
2. W=2' AND L=4' FOR DOUBLE AREA INLET
3. THE STRUCTURE(S) ON THIS DETAIL SHEET ARE DESIGNED FOR HS-20 LOADING AT THESE SPECIFIC DIMENSIONS ONLY. IF LARGER DIMENSIONS ARE REQUIRED, THE ENGINEER SHALL PROVIDE A PROJECT SPECIFIC STRUCTURE DESIGN FOR APPROVAL BY THE CITY ENGINEER'S OFFICE.
4. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
5. INLET INVERT SHALL BE SHAPED WITH TYPE 3 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.
6. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
7. INLET FRAME AND GRATE TO BE DEETER #2433, EJIW #5391-21 OR APPROVED EQUAL FOR 2'x2' SINGLE DROP INLET AND DEETER #2434, EJIW #5391 23 OR APPROVED EQUAL FOR 2'x4' DOUBLE DROP INLET.
8. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUTED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.
9. APRON TO EXTEND ON ALL 4 SIDES OF INLET. DESIGNER TO DESIGNATE APRON SIZE.



CITY OF WICHITA PROJECT NUMBER
2020-000743 PPD (56030970)



BOULDER ASSOCIATES
1426 PEARL STREET, SUITE 300
BOULDER, COLORADO 80302
303.499.7795



PROJECT 214949.00

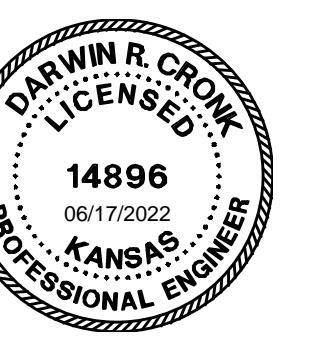
**ADVANCED
ORTHOPAEDIC
ASSOCIATES
MOB**

SHANNON WOODS
WICHITA, KS 67226

PERMIT SET

DATE 5/3/22

REVISIONS	DESCRIPTION	DATE
1		



SHEET TITLE
**AREA INLET
DETAILS**

SHEET NUMBER
CU322

SAVED: 4/27/2022 3:33:01 PM BY CHANCE SWANEY
 PLOTTED: 6/17/2022 10:16:37 AM BY JUSTIN BILLINGSLEY
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