

MABCD REVIEW
STAMP LOCATION

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 1-888-482-4850
WESTAR ENERGY 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 ABUTTING 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 TOM MASON 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, BRIAN COON AT BTraffic@wichita.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 THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.
- A PORTION OF EXCESS EXCAVATED MATERIAL SHALL BE MOUNDING 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.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL INSTALL AND/OR MAINTAIN EROSION CONTROL METHODS AS SPECIFIED. THE GENERAL LOCATION OF THE REQUIRED EROSION CONTROL IS ILLUSTRATED ON THE EROSION CONTROL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL SHOWN THROUGHOUT THE COMPLETION OF THIS PROJECT. INSTALLATION OF THESE BMP'S DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF ABATING SOIL EROSION.
- ALL UTILITY BACKFILL UNDER EXISTING OR PROPOSED PAVEMENT SHALL BE JETTED SAND PER SPECIFICATIONS.

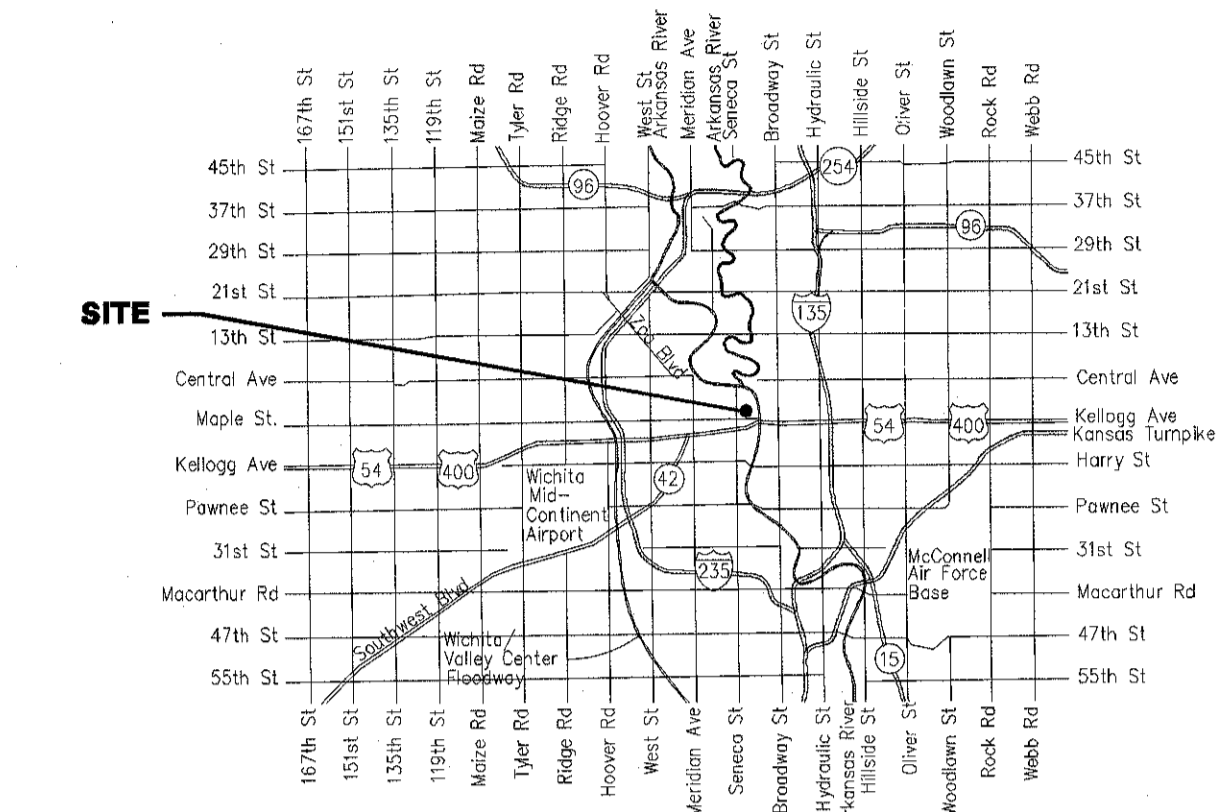
STORM SEWER IMPROVEMENTS

to serve

ENTERTAINMENT VENUE AND MULTI - SPORT STADIUM

300 SYCAMORE ST. CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
0562 PPD (133119)



Vicinity Map

SHEET INDEX

SHEET NO. CU251	PPD TITLE SHEET
SHEET NO. CU252	PPD KEY MAP
SHEET NO. CU253-CU255	STORM SEWER LINE NO. 1
SHEET NO. CU256-CU257	STORM SEWER LINE NO. 2
SHEET NO. CU258	STANDARD TYPE I CURB INLET
SHEET NO. CU259	STANDARD DOUBLE TYPE II CURB INLET
SHEET NO. CU260	SPECIAL TYPE II INLET/MANHOLE
SHEET NO. CU261	SINGLE/DOUBLE DROP INLET
SHEET NO. CU262	PRECAST CONCRETE MANHOLE
SHEET NO. CU263	REINFORCED CONCRETE MANHOLE
SHEET NO. CU264	MANHOLE INLET FRAME AND COVER
SHEET NO. CU265	SNOUT OIL AND DEBRIS STOP DETAILS
SHEET NO. CU266	CURB INLET PAVEMENT UNDERDRAIN DETAIL
SHEET NO. CU267-CU268	STORM SEWER LINE NO. 3
SHEET NO. CU269-CU270	STORM SEWER LINE NO. 4
SHEET NO. CU271	STORM SEWER LINE NO. 1 (AHEAD)
SHEET NO. CG101-CG104	GRADING PLAN
SHEET NO. CG110	EROSION CONTROL PLAN
SHEET NO. CG111	ERU SHEET

REFERENCE EROSION CONTROL DETAILS FOUND AT
<http://www.wichita.gov/PWU/Pages/Regulations.aspx#Stormwater>

SEE KEY MAP FOR BENCHMARKS, CONTROL POINTS, AND PROPERTY CORNERS.

JUNE 2019

AS-BUILD PLAN
Project Manager: Mark Dohr
P.E. : Paul Gunzelman & Steve Degenhardt
Contractor: Dondlinger & Sons
Inspector: COW/Derrick Hicks
March 12, 2020

Stormwater Certification:

New Development or Redevelopment (Circle One)

Stormwater Permit # _____

NOI State Permit # SAR941512

NOI Federal Permit # KSR114293

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) = 17

Disturbed Area (Acres) = 15

Water Quality Treatment: SNOUT

Downstream Channel Protection: N/A

Detention: N/A

The BMP used for this development is SNOUT

APPROVED AS NOTED BY WICHITA PUBLIC WORKS ENGINEERING AND STORMWATER DIVISION

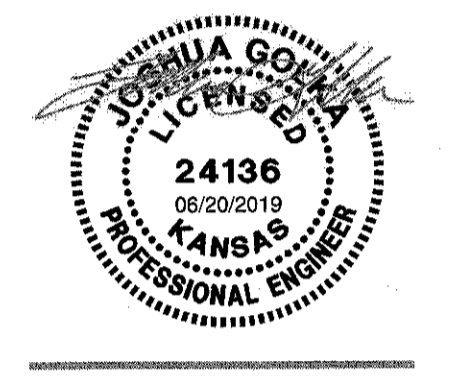
Engineering Shea Miller 7-3-19

Stormwater Joe Hinkle 7-3-19

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 is 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 by 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.



CITY OF WICHITA
Entertainment Venue and Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS
19 CPR20 06/21/19

PROJECT NUMBER
XXXX.XX
INITIAL RELEASE DATE
PPD TITLE

CU251

STORM SEWER LINE NO. 1				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
7001	1,684,551.5580	1,646,832.3220	10+00.0	EXIST. INLET
7002	1,684,550.3349	1,646,770.1453	10+62.2	MH
7003	1,684,584.6460	1,646,683.5176	11+55.4	MH
7004	1,684,582.7687	1,646,572.6177	12+66.3	MH
7005	1,684,581.6770	1,646,508.1301	13+30.8	INLET
7006	1,684,610.4083	1,646,433.6782	14+10.6	MH
7007	1,684,606.9383	1,646,230.6968	16+13.6	MH
7008	1,684,290.8892	1,646,236.9140	19+29.7	MH
7009	1,684,017.3811	1,646,247.2954	22+03.4	INLET
7010	POINT NOT USED			

STORM SEWER LINE NO. 1 (AHEAD)				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
7022	1,684,462.4860	1,647,027.0630	7+26.8	INLET
7032	1,684,526.0465	1,647,025.5427	8+01.2	MH
7033	1,684,523.5690	1,646,899.6021	9+27.1	MH

STORM SEWER LINE NO. 2				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
7012	1,683,802.5576	1,646,934.2919	10+00.0	EXIST. INLET
7013	1,683,839.4920	1,646,916.9410	10+40.8	INLET
7014	1,683,819.2026	1,646,786.7773	11+72.5	INLET
7015	1,683,815.6164	1,646,582.6402	13+76.7	INLET
7016	1,683,812.5953	1,646,410.6867	15+48.7	INLET
7017	1,683,810.5578	1,646,294.6846	16+64.7	INLET
7018	POINT NOT USED			
7019	POINT NOT USED			

STORM SEWER LINE NO. 3				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
7020	1,684,467.7830	1,647,131.6495	10+00.0	EXIST. INLET
7021	1,684,464.4859	1,647,057.4975	10+74.6	MH
7022	1,684,462.4860	1,647,027.0630	11+05.1	INLET
7023	1,684,353.6061	1,646,814.7888	13+39.7	INLET
7024	1,684,439.2089	1,646,725.7303	14+63.24	DEFLECTION
7025	1,684,434.8008	1,646,501.6490	16+87.36	DEFLECTION
7026	1,684,309.7142	1,646,470.7557	18+16.21	DEFLECTION
7027	1,684,110.4197	1,646,474.6792	20+15.54	TEE

STORM SEWER LINE NO. 1A				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
7004	1,684,582.7687	1,646,572.6177	0+00.0	MH
7011	1,684,597.5546	1,646,562.0767	10+15.0	INLET

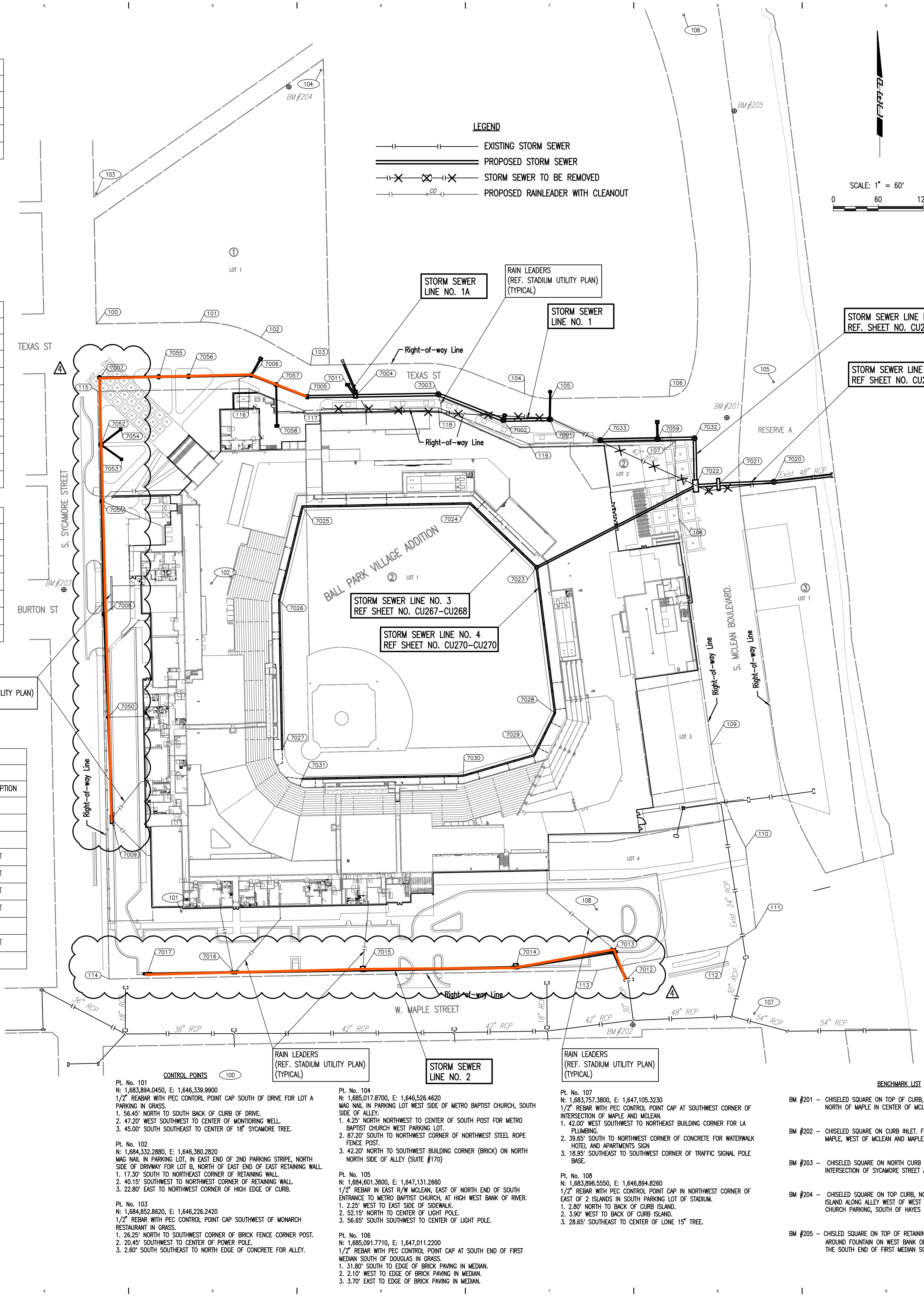
STORM SEWER LINE NO. 4				
COORDINATE LIST				
POINT	NORTHING	EASTING	STATION	DESCRIPTION
7023	1,684,353.6061	1,646,814.7888	10+00.0	MH
7028	1,684,159.2843	1,646,839.0657	11+95.83	DEFLECTION
7029	1,684,102.7919	1,646,811.3365	12+58.77	DEFLECTION
7030	1,684,075.3739	1,646,716.5124	13+57.47	DEFLECTION
7031	1,684,071.1396	1,646,501.2661	15+72.76	TEE

7000 = POINT NUMBER

PROPERTY CORNERS			
COORDINATE LIST			
POINT	NORTHING	EASTING	DESCRIPTION
100	1,684,678.9074	1,646,226.2804	
101	1,684,681.2602	1,646,365.2665	
102	1,684,660.9151	1,646,446.0958	
103	1,684,623.7435	1,646,512.5355	
104	1,684,585.6289	1,646,798.4855	
105	1,684,579.1783	1,646,833.9813	
106	1,684,581.9507	1,646,991.6574	
107	1,684,522.0929	1,647,000.2695	
108	1,684,418.0684	1,647,004.9811	
109	1,684,117.0737	1,647,047.8229	
110	1,683,979.6373	1,647,093.7299	
111	1,683,871.8607	1,647,107.3934	
112	1,683,847.6914	1,647,070.3325	
113	1,683,815.2707	1,646,895.0613	
114	1,683,803.8239	1,646,243.4742	
115	1,684,588.9245	1,646,228.0484	
116	1,684,592.3500	1,646,430.4047	
117	1,684,563.5794	1,646,503.3518	
118	1,684,566.6293	1,646,683.5193	
119	1,684,518.6532	1,646,804.6480	

100 = PROPERTY CORNER POINT NUMBER

STORM SEWER STRUCTURES				
COORDINATE LIST				
POINT	NORTHING	EASTING	LINE NO./STATION	DESCRIPTION
7050	1,684,153.5795	1,646,242.1258	1, 20+67.1	MH
7051	1,684,442.0063	1,646,233.9413	1, 17+78.6	MH
7052	1,684,517.5504	1,646,232.4552	1, 17+03.0	MH
7053	1,684,498.0853	1,646,259.8390	1, 17+03.0 33.6' LT	INLET
7054	1,684,538.0775	1,646,259.0533	1, 17+03.0 33.6' LT	INLET
7055	1,684,610.7864	1,646,311.0544	1, 15+34.7	INLET
7056	1,684,611.4701	1,646,351.0485	1, 14+94.7	INLET
7057	1,684,597.7133	1,646,466.5750	1, 13+75.3	MH
7058	1,684,542.6656	1,646,467.6579	1, 13+75.3 55.1' LT	INLET
7059	1,684,525.0765	1,646,976.2197	1 (AHEAD), 8+50.5	MH



MABCD REVIEW
STAMP LOCATION

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM



PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA,
KS 67202-316-262-2891 www.pec1.com

CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS
CPR02 03/08/19
CPR20 06/21/19

PROJECT NUMBER
XXXX.XX
INITIAL RELEASE DATE

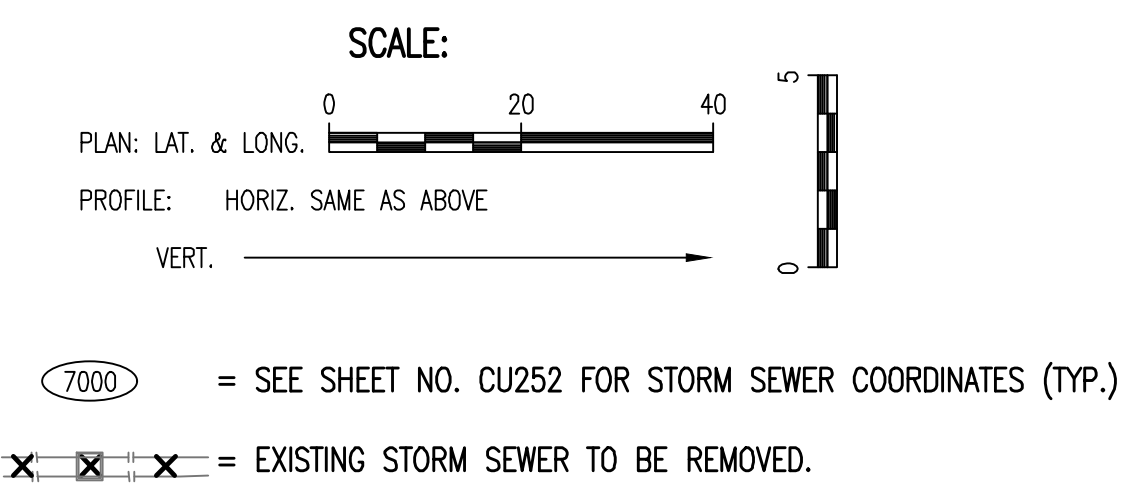
PPD KEY MAP

ENTIRE SHEET

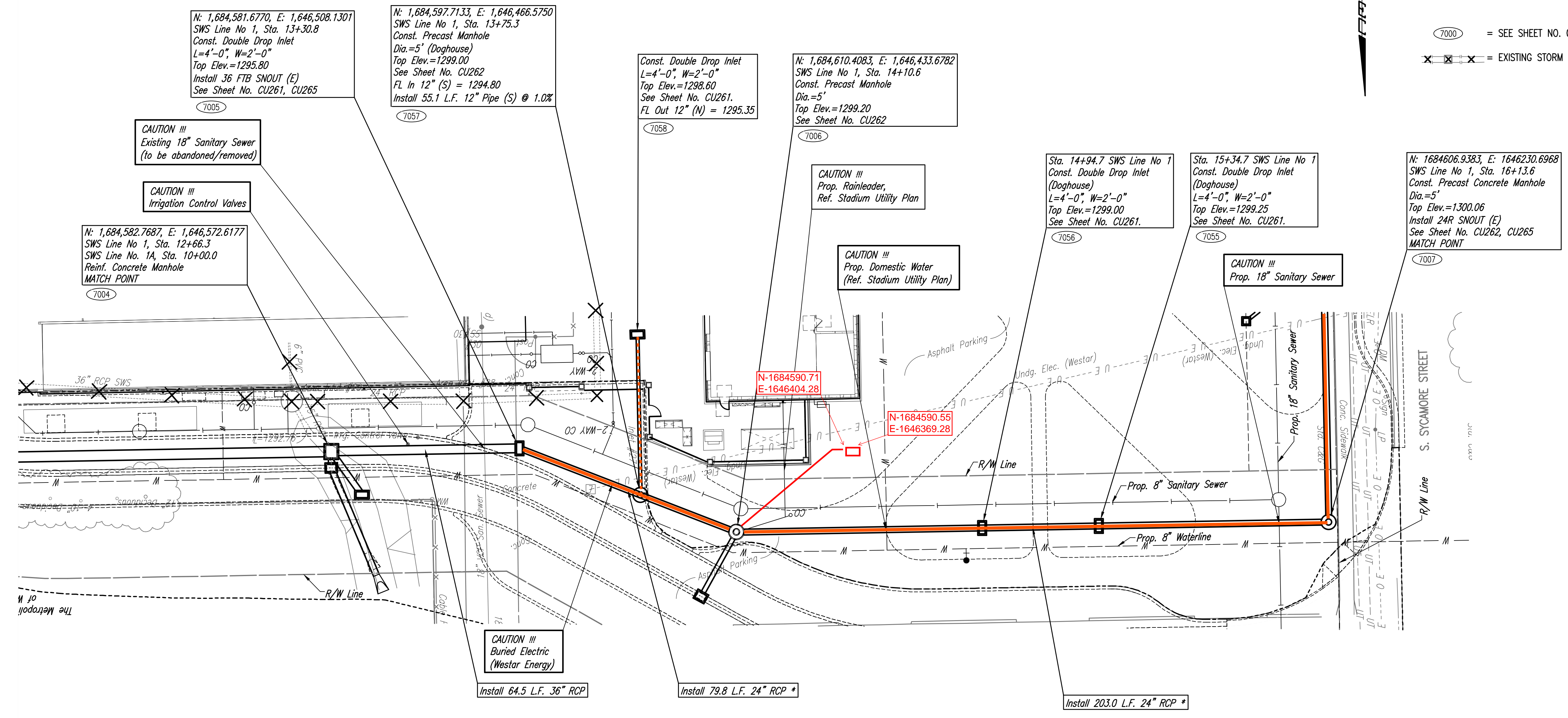
CITY OF WICHITA
Private Project Number
0562PPD (13119)

CU252

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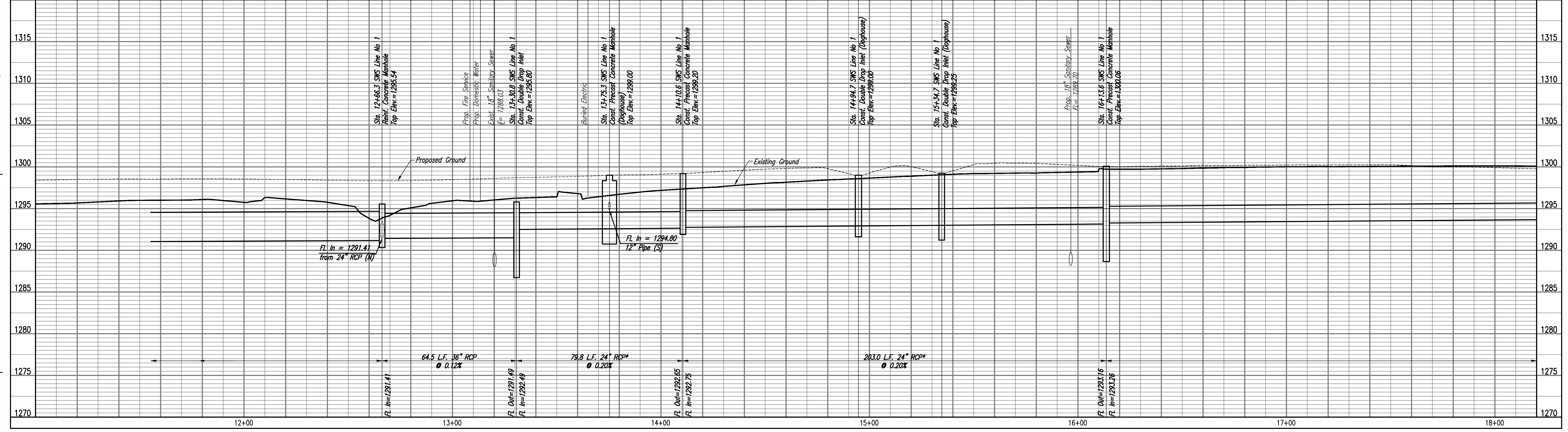
MABCD REVIEW
 STAMP LOCATION



* PIPE LENGTH DOES NOT ACCOUNT FOR DOGHOUSE STRUCTURES.

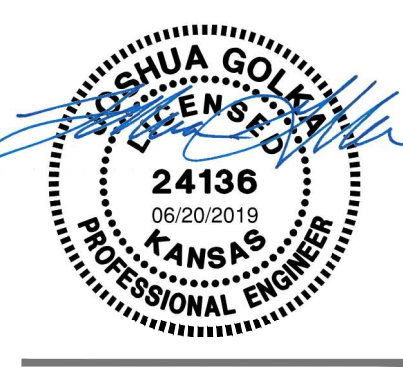
SEE TEXAS ST. STORM WATER
 PLANS FOR TOP ADJUSTMENTS
 FOR STRUCTURES ON THIS
 SHEET.

STORM SEWER LINE NO. 1



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SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
 JE DUNN CONSTRUCTION | EBY CONSTRUCTION
 A DESIGN BUILD TEAM



PEC
 PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
 303 SOUTH TOPEKA WICHITA,
 KS 67202-3162-2891 www.pec1.com

CITY OF WICHITA
 Entertainment Venue and
 Multi - Sport Stadium
 300 Sycamore St.
 Wichita, KS 67213

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REVISIONS
 19 CPR20 06/21/19

ENTIRE SHEET 19

PROJECT NUMBER
 XXXX.XX
 INITIAL RELEASE DATE

STORM SEWER
 LINE NO. 1

CITY OF WICHITA
 Private Project Number
 0562PPD (133119)

CU254

Curb Inlet #72
5.5' x 1.5' Area Inlet w/ Grate
Top= 1294.96
? In= 1288.96 18" RCP (E)
? Out= 1288.76 30" RCP (S)

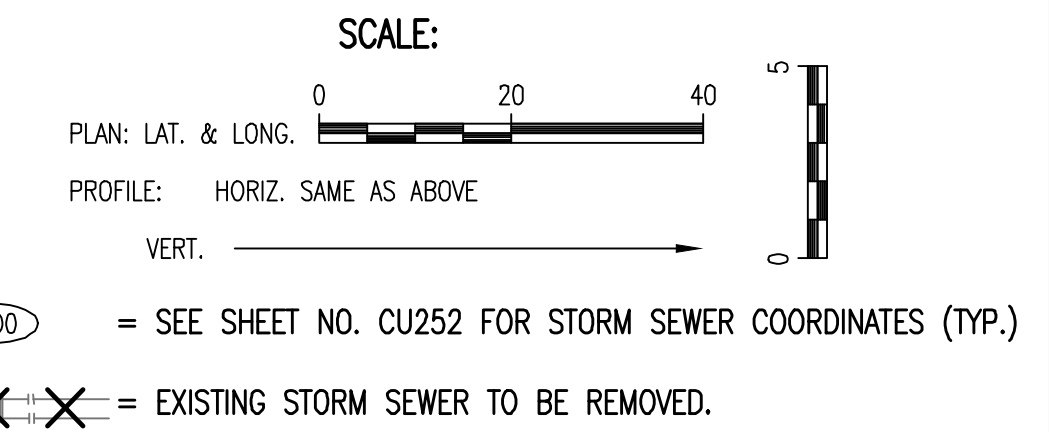
Curb Inlet #71
5.5' x 1.5' Area Inlet w/ Grate
Top= 1294.99
? In= 1289.36 18" RCP (W)

N: 1,683,802.5576, E: 1,646,934.2919
SWS Line No 2, Sta. 10+00.0
Existing Curb Inlet *
Core existing concrete inlet wall
and install New 24" Pipe. Seal new
24" Pipe to Inlet with an approved
waterstop gasket and non-shrink
grout. Reshape Inlet floor to
provide a smooth flow.
Top Elev.=1294.96
See Sheet No. CU262

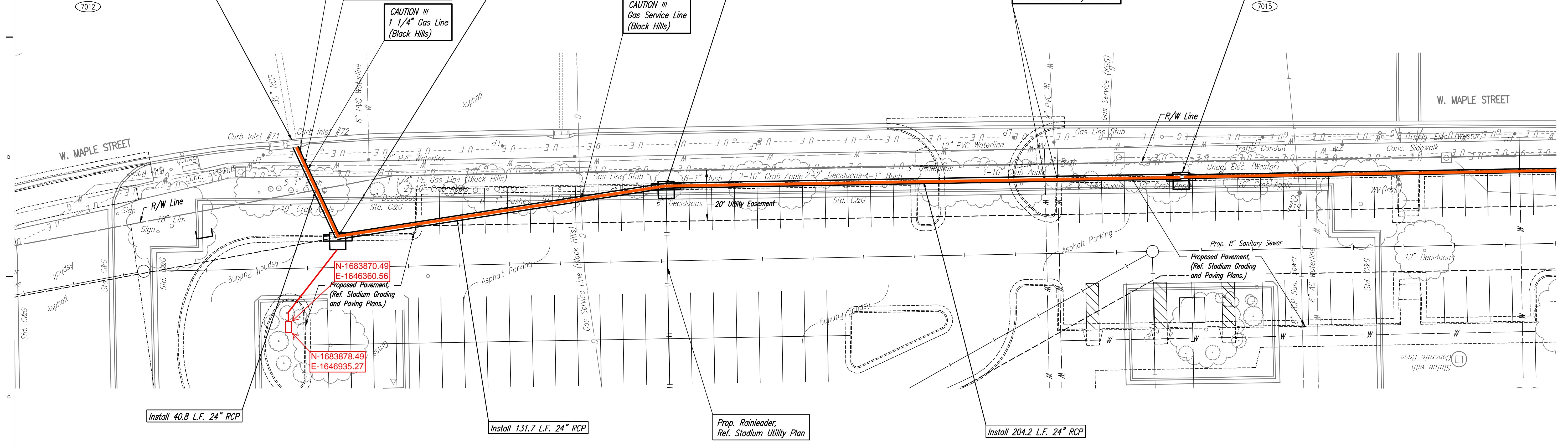
N: 1,683,839.4920, E: 1,646,916.9410
Sta. 10+40.8 SWS Line No 2
Const. Special Type II Inlet/Manhole
L=5'-0", W=6'-0"
Top Elev.=1297.60
Install 24" SMOU (S)
See Sheet No. CU260, CU265

N: 1,683,819.2026, E: 1,646,786.7773
Sta. 11+72.5 SWS Line No 2
Const. Special Type II Inlet/Manhole
L=5'-0", W=6'-0"
Top Elev.=1297.00
See Sheet No. CU260

Sta. 13+76.7 SWS Line No 2
Const. Special Type II Inlet/Manhole
L=5'-0", W=6'-0"
Top Elev.=1297.35
See Sheet No. CU260
MATCH POINT



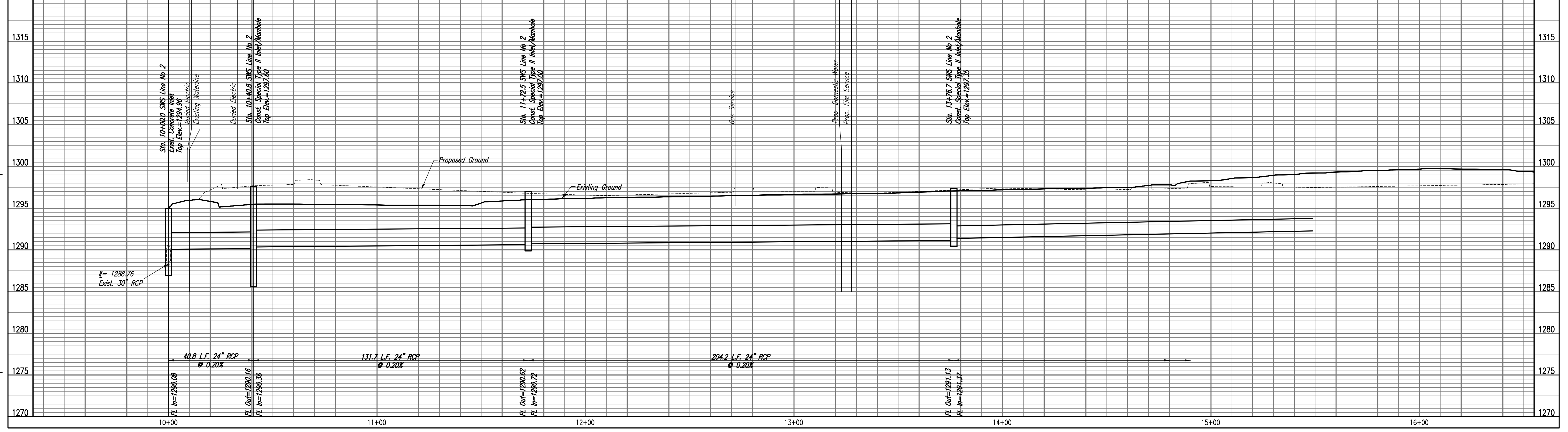
MABCD REVIEW
STAMP LOCATION



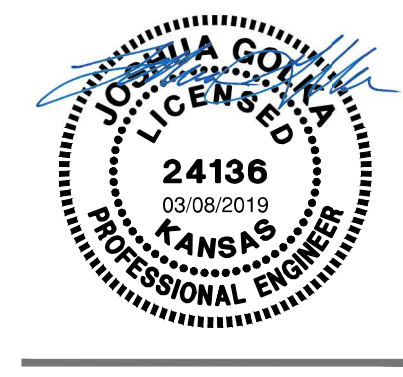
* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING PIPE AND STRUCTURE AT STATION 10+00.00 TO VERIFY ITS HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

ENTIRE SHEET

STORM SEWER LINE NO. 2



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CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS
CPR02 03/08/19

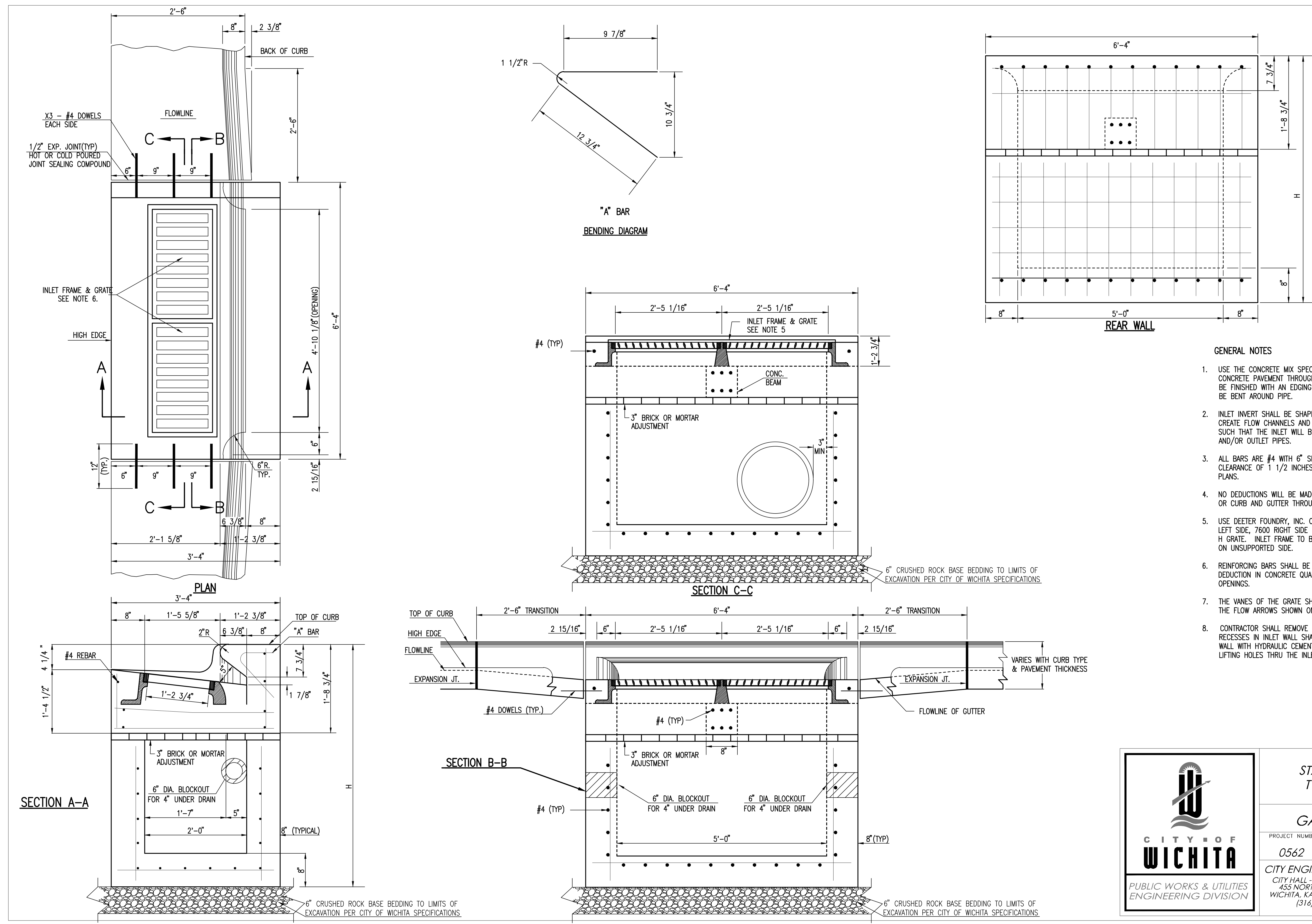
PROJECT NUMBER
5379.00
PACKAGE NUMBER
STORM SEWER
LINE NO. 2

CITY OF WICHITA
Private Project Number
0562PPD (13119)

CU256

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM

MABCD REVIEW
STAMP LOCATION



- GENERAL NOTES**
1. USE THE CONCRETE MIX SPECIFIED FOR THE CITY OF WICHITA CONCRETE PAVEMENT THROUGHOUT. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN EDGING TOOL. REINFORCING BARS SHALL BE BENT AROUND PIPE.
 2. INLET INVERT SHALL BE SHAPED WITH 8 SACK 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. ALL BARS ARE #4 WITH 6" SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 1 1/2 INCHES UNLESS OTHERWISE NOTED ON THE PLANS.
 4. NO DEDUCTIONS WILL BE MADE IN PAY LENGTH OF CURB, GUTTER, OR CURB AND GUTTER THROUGH THE INLET AREA.
 5. USE DEETER FOUNDRY, INC. CASTING NO. 2442/43 OR EJM 7600Z LEFT SIDE, 7600 RIGHT SIDE IN INLET FRAME AND GRATE WITH STYLE H GRATE. INLET FRAME TO BE PROOF LOAD TESTED TO 40,000 LBS. ON UNSUPPORTED SIDE.
 6. REINFORCING BARS SHALL BE CUT OR BENT AROUND PIPES. NO DEDUCTION IN CONCRETE QUANTITIES SHALL BE MADE FOR PIPE OPENINGS.
 7. THE VANES OF THE GRATE SHALL BE ORIENTED WITH RESPECT TO THE FLOW ARROWS SHOWN ON THE PLANS.
 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.

REVISED: MARCH 2015

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

**STANDARD DOUBLE
TYPE II CURB INLET**

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER 0562	OCA NUMBER (133119)	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPOEKA WICHITA KS 67202
316-262-2691 www.pec1.com

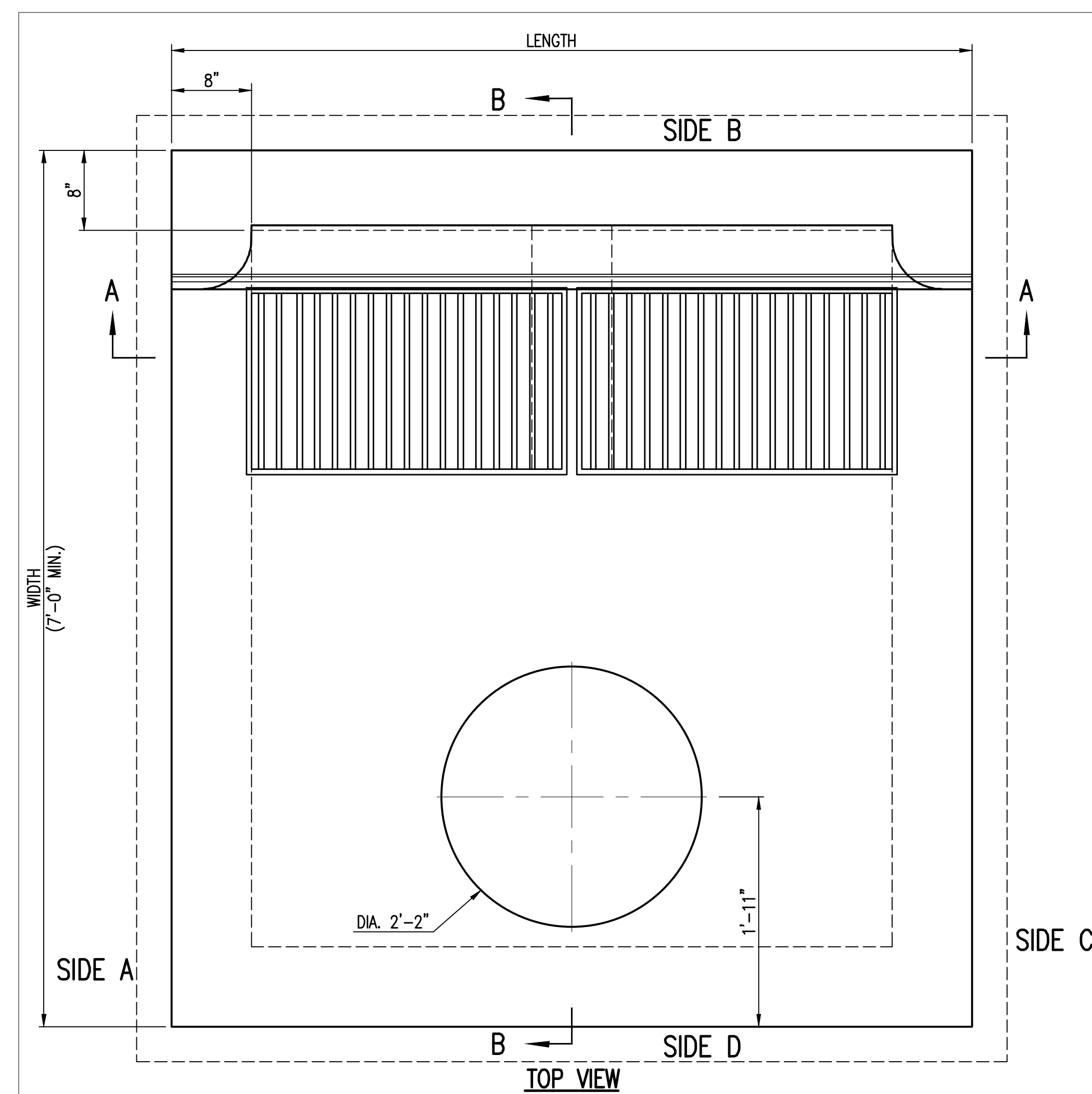
CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS

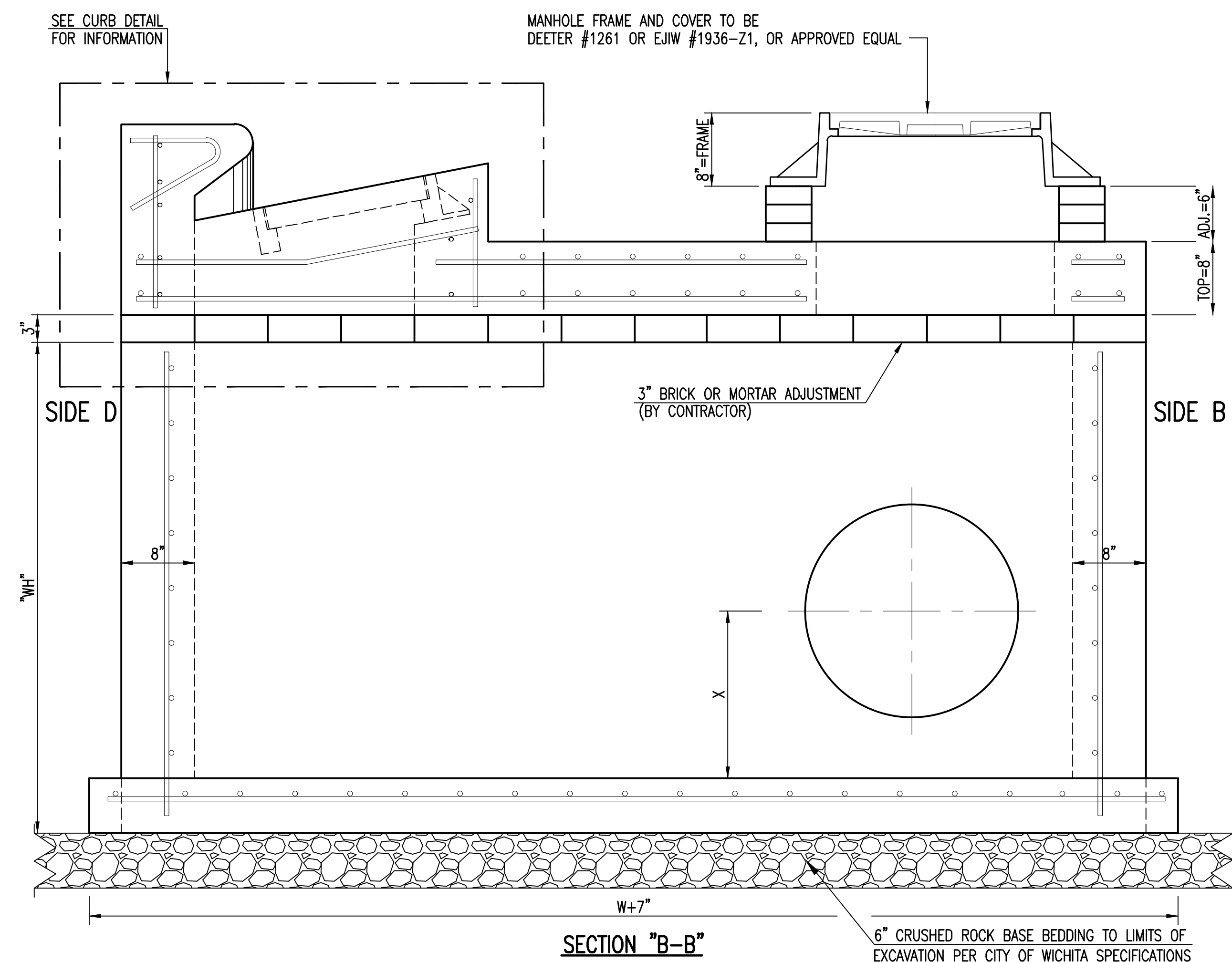
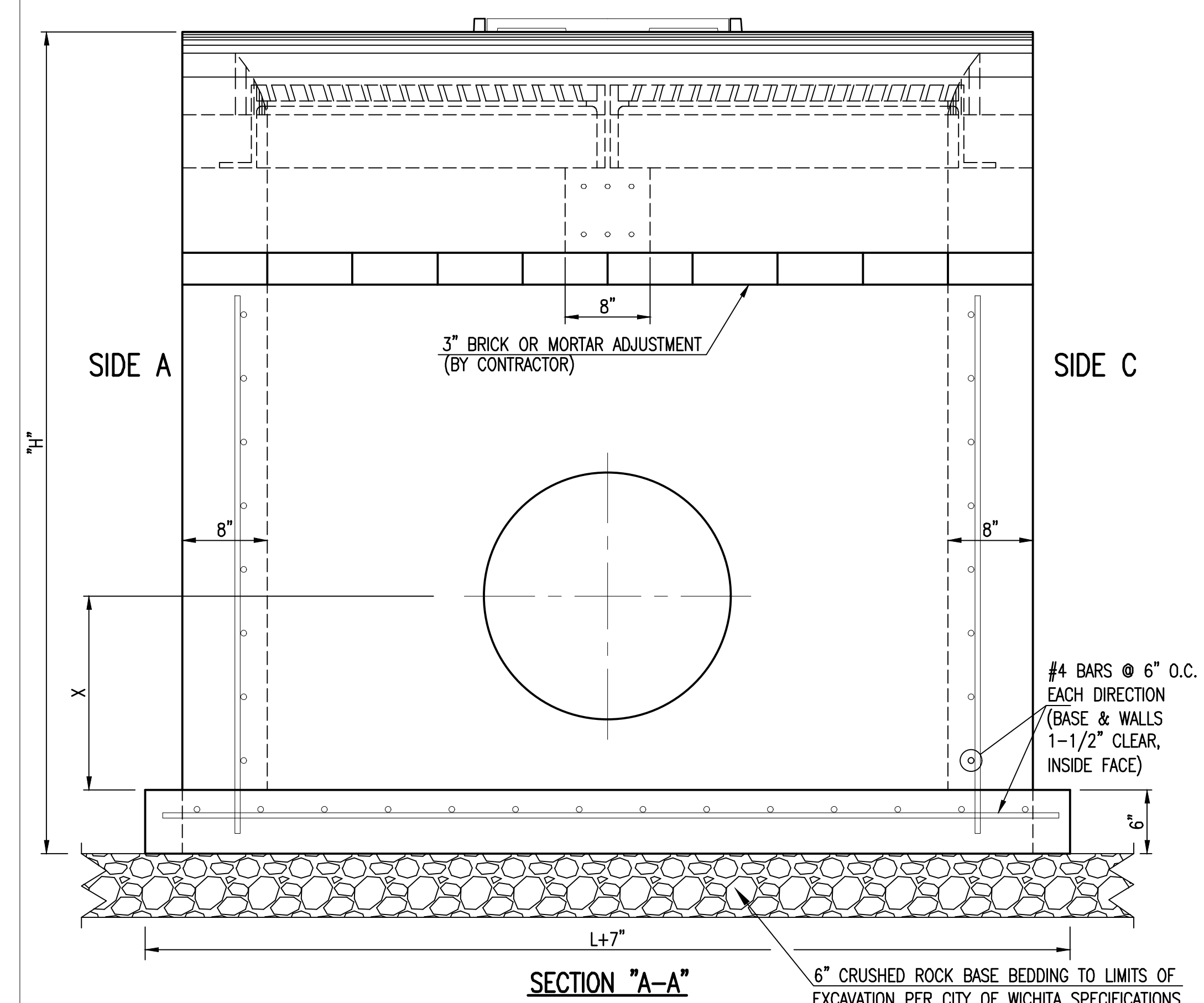
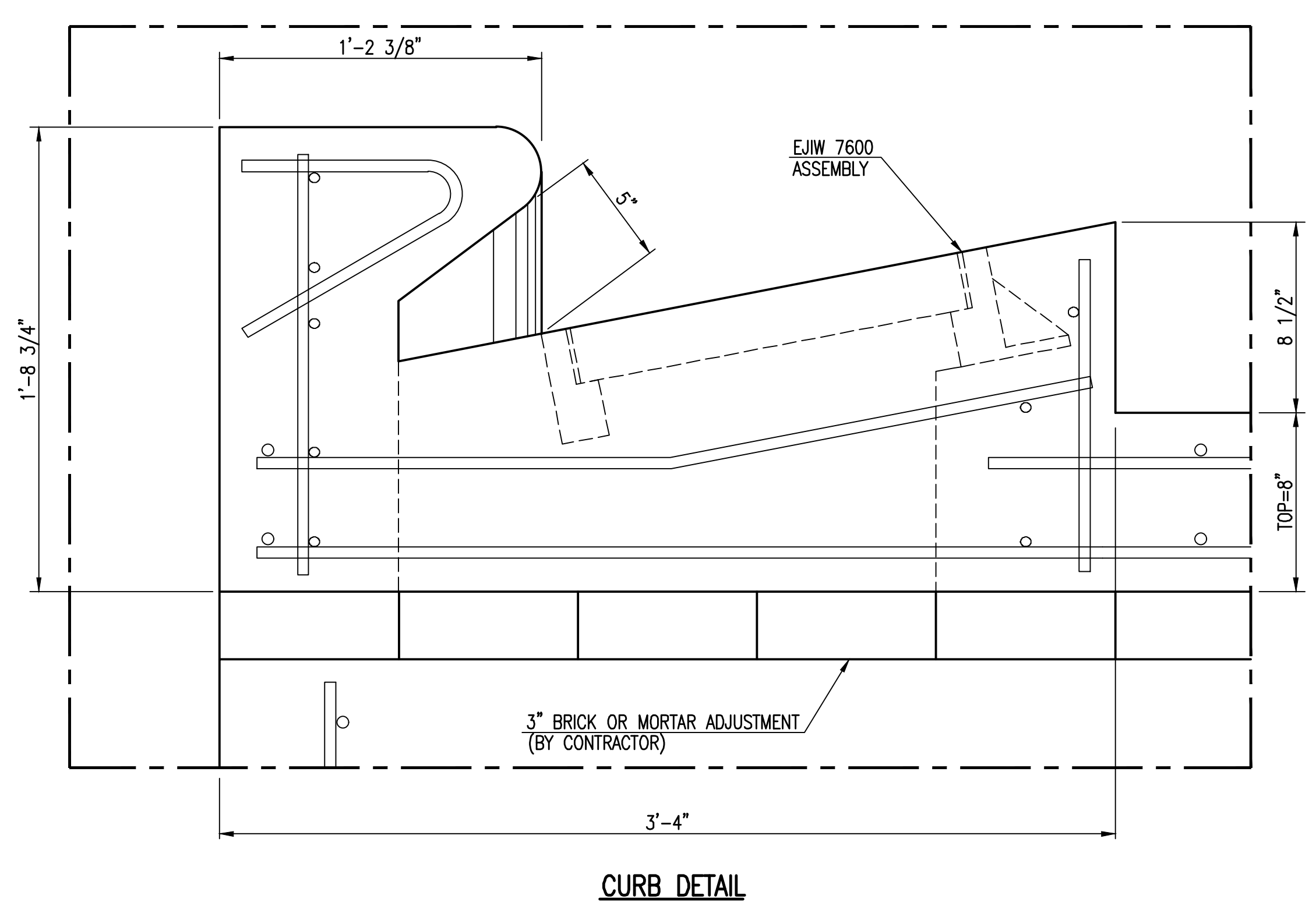
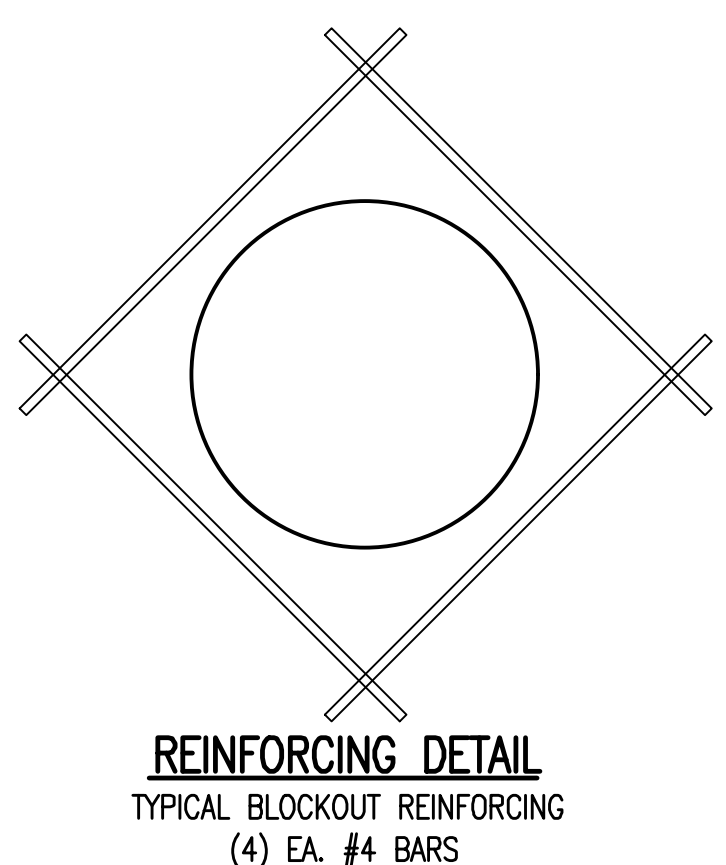
PROJECT NUMBER 5300.00
PACKAGE NUMBER #1A
STANDARD DOUBLE TYPE II CURB INLET

CU259

MABCD REVIEW
STAMP LOCATION



****ALL REINFORCING TO BE #4 BARS @ 6" O.C.**



GENERAL NOTES

- USE THE CONCRETE MIX SPECIFIED FOR THE CITY OF WICHITA CONCRETE PAVEMENT THROUGHOUT. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN EDGING TOOL. REINFORCING BARS SHALL BE BENT AROUND PIPE.
- INLET/MANHOLE INVERT SHALL BE SHAPED WITH 8 SACK 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.
- ALL BARS ARE #4 WITH 6" SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 1 1/2" INCHES UNLESS OTHERWISE NOTED ON THE PLANS.
- NO DEDUCTIONS WILL BE MADE IN PAY LENGTH OF CURB, GUTTER, OR CURB AND GUTTER THROUGH THE INLET AREA.
- USE DEETER FOUNDRY, INC. CASTING NO. 2442/43 OR EJIW 7600Z LEFT SIDE, 7600 RIGHT SIDE IN INLET FRAME AND GRATE WITH STYLE H GRATE. INLET FRAME TO BE PROOF LOAD TESTED TO 40,000 LBS. ON UNSUPPORTED SIDE.
- RING AND COVER SHALL BE DEETER #1261 OR EJIW #1936-21, OR APPROVED EQUAL, SEE SW-303.
- REINFORCING BARS SHALL BE CUT OR BENT AROUND PIPES. NO DEDUCTION IN CONCRETE QUANTITIES SHALL BE MADE FOR PIPE OPENINGS.
- THE VANES OF THE GRATE SHALL BE ORIENTED WITH RESPECT TO THE FLOW ARROWS SHOWN ON THE PLANS.
- AROUND INLET/MANHOLE OPENING IN TOP SLAB USE #5 BAR @ 45° ANGLE TO OTHER BARS. LENGTH = MH OPENING + 2'-0"
- CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET/MANHOLE WALL SHALL BE GROUTED FLUSH TO THE INLET/MANHOLE WALL WITH HYDRAULIC CEMENT AFTER THE INLET/MANHOLE IS IN PLACE. LIFTING HOLES THRU THE INLET/MANHOLE WALL WILL NOT BE ACCEPTED.



REVISD: MARCH 2015

SPECIAL TYPE II INLET/MANHOLE		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 0562	OCA NUMBER (133119)	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET

SW-107

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM



CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

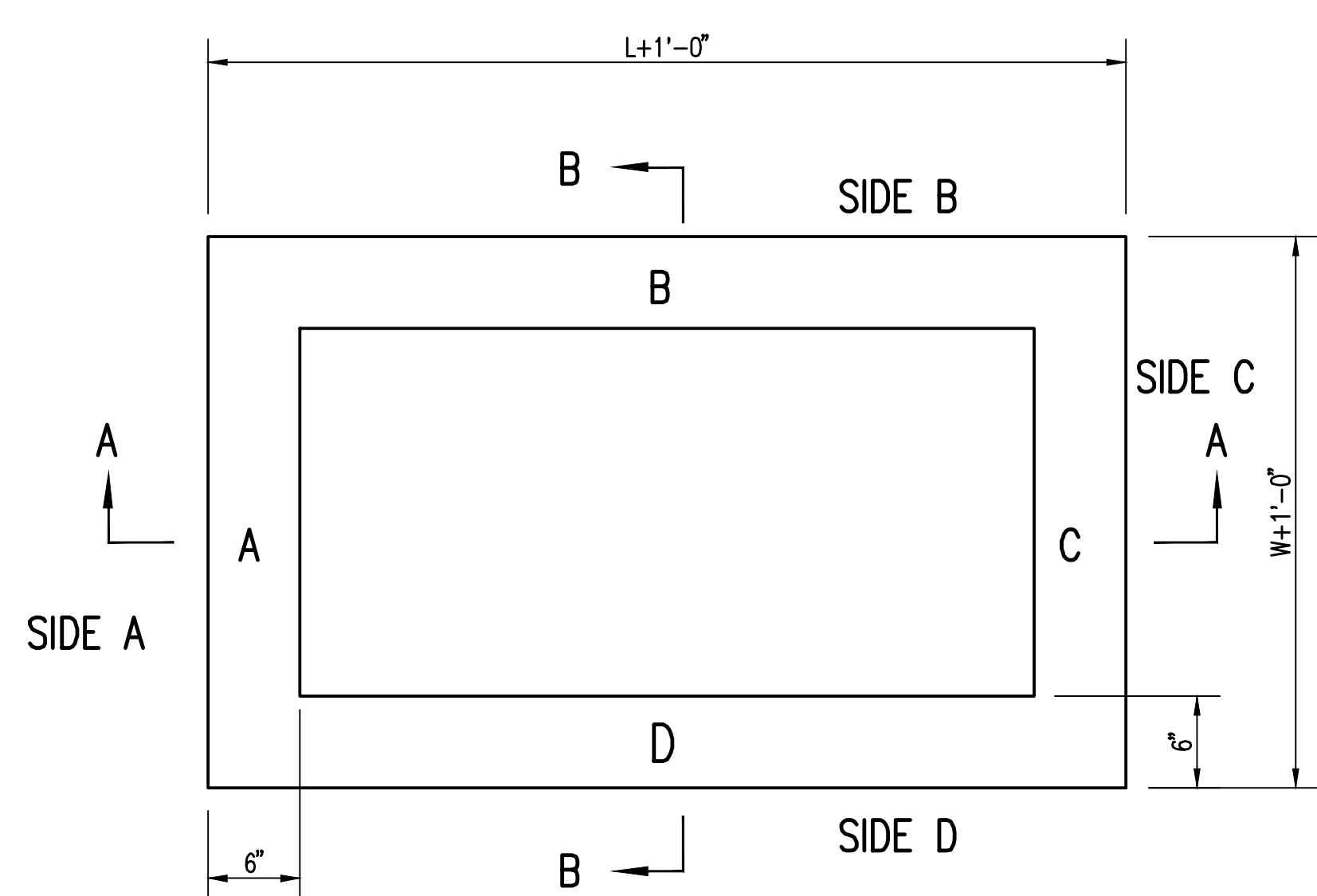
REVISIONS

PROJECT NUMBER 5300.00
PACKAGE NUMBER #1A
SPECIAL TYPE II INLET-MANHOLE

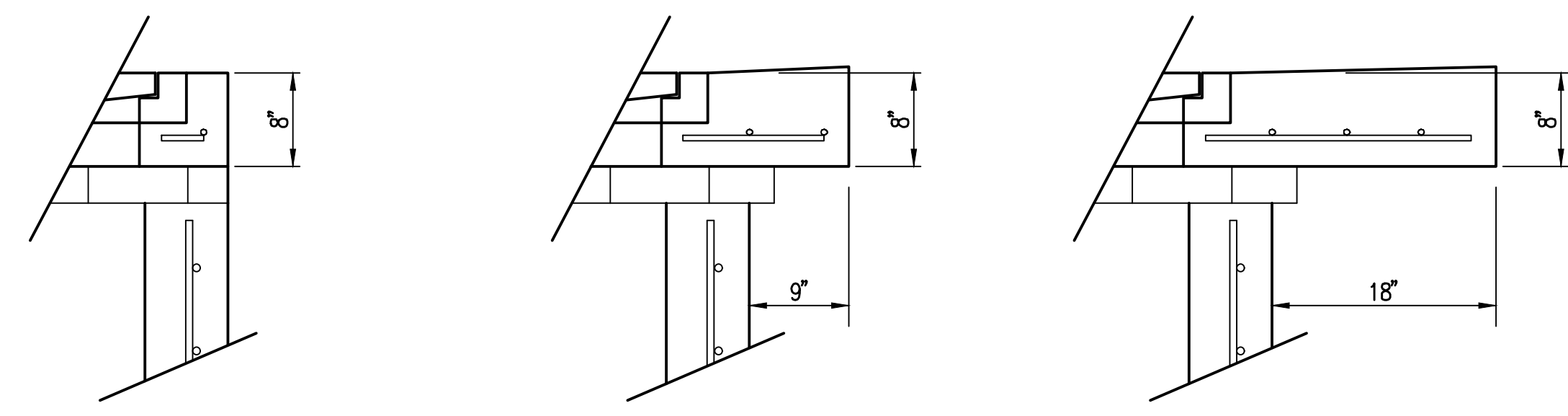
CU260

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MABCD REVIEW
STAMP LOCATION



TOP VIEW



FLUSH STYLE TOP
NO APRON

9" APRON

18" APRON

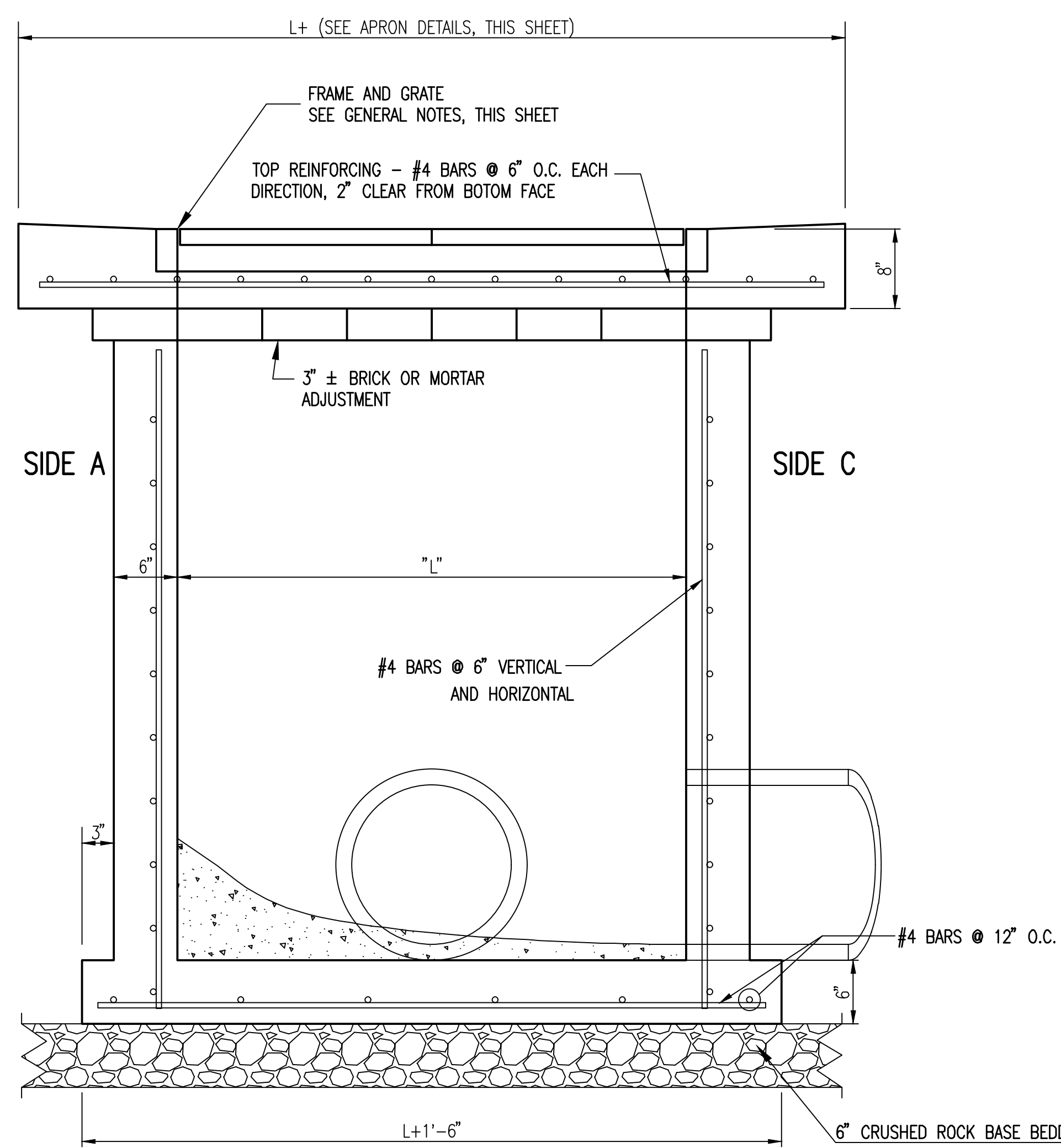
* APRON TO EXTEND ON ALL 4 SIDES OF INLET.
DESIGNER TO DESIGNATE APRON SIZE.

W=2' and L=2' for SINGLE DROP INLET
W=2' and L=4' for DOUBLE DROP INLET

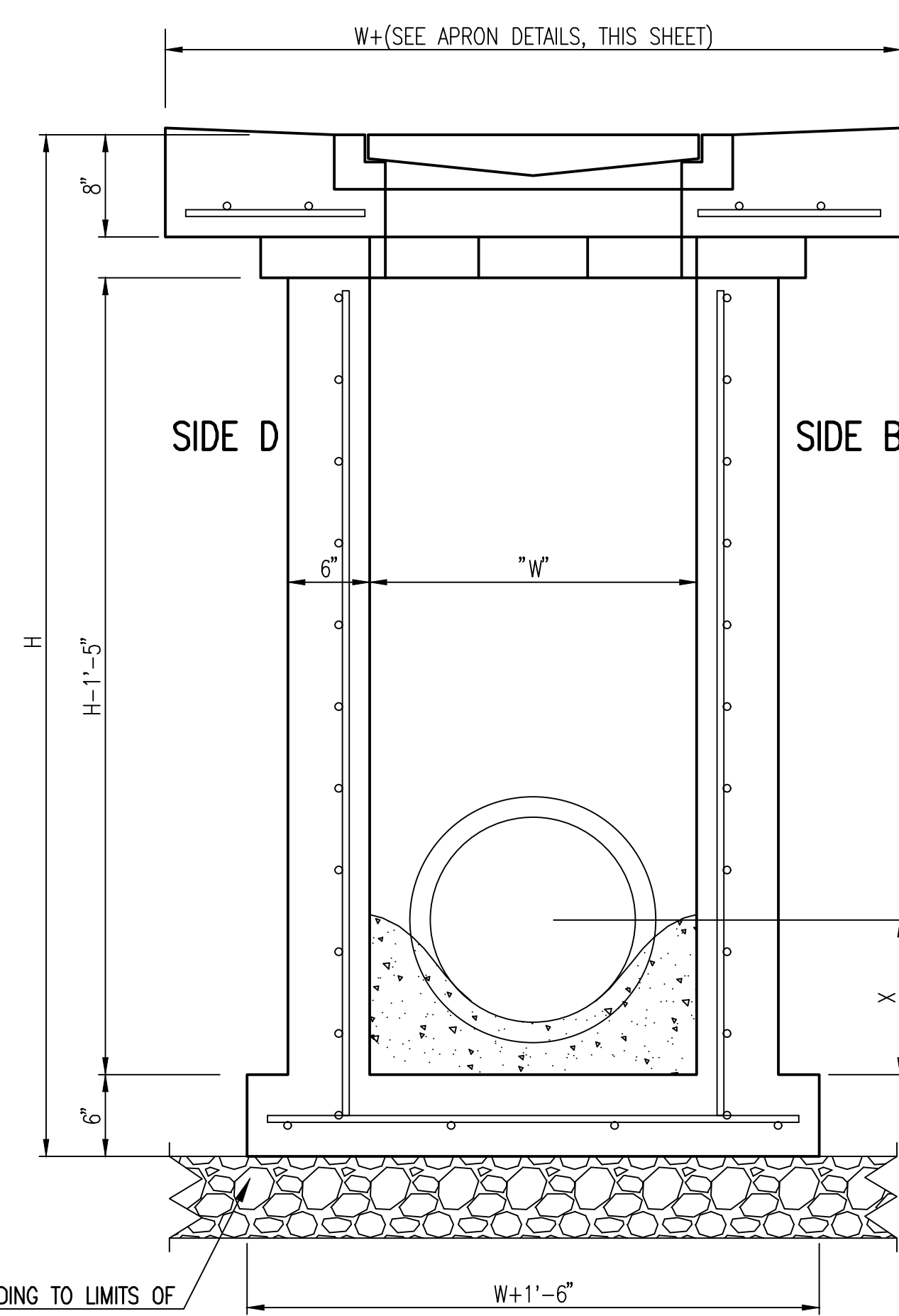
The structure(s) on this detail sheet are designed for HS-20 loading at these specific dimensions only. If larger dimensions are required, the ENGINEER shall provide a project specific structure design for approval by the City Engineer's office.

GENERAL NOTES

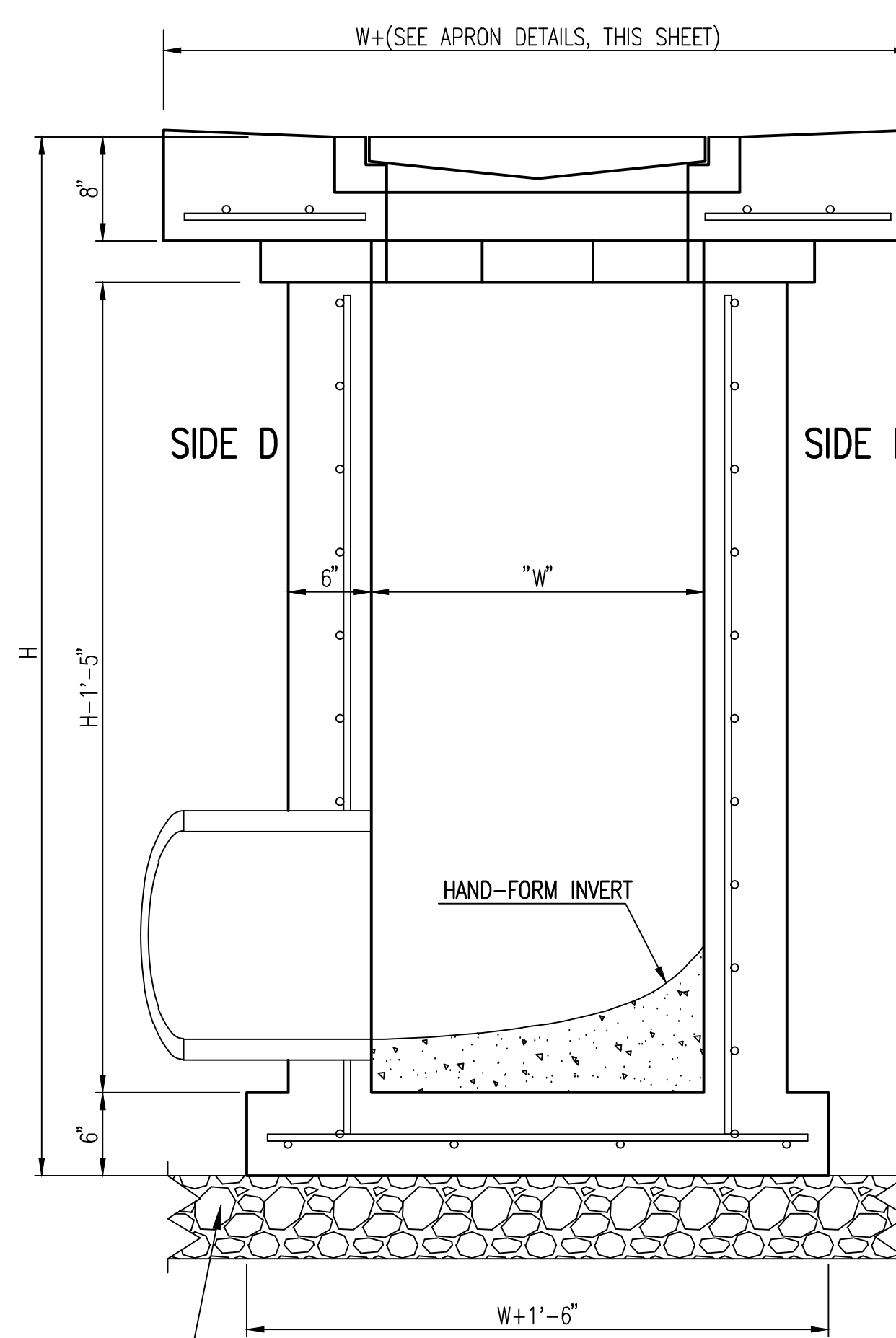
1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE 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 #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.
5. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUDED 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 "B-B"
END OUTLET



SECTION "B-B"
SIDE OUTLET



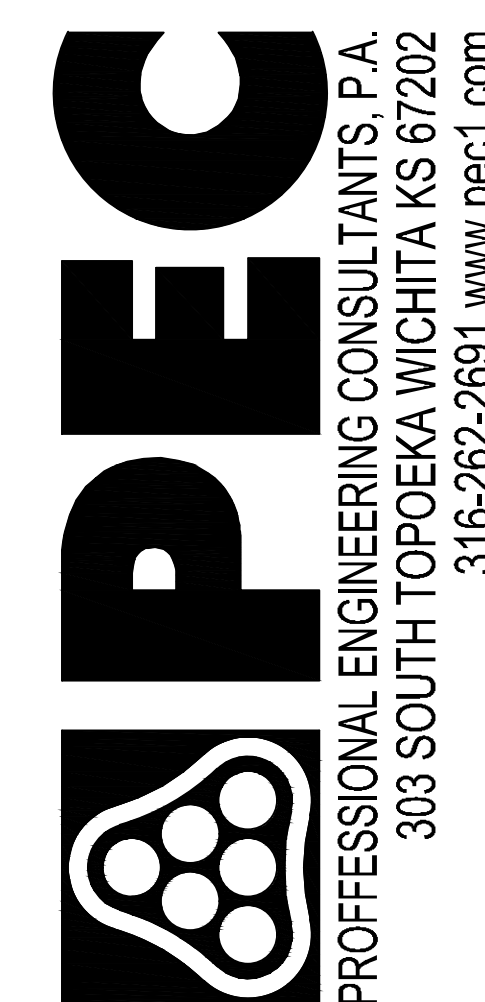
REVISED: MARCH 2015

SINGLE/DOUBLE DROP INLET		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 0562	OCA NUMBER (133119)	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4301		SHEET

SW-201

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION

A DESIGN BUILD TEAM



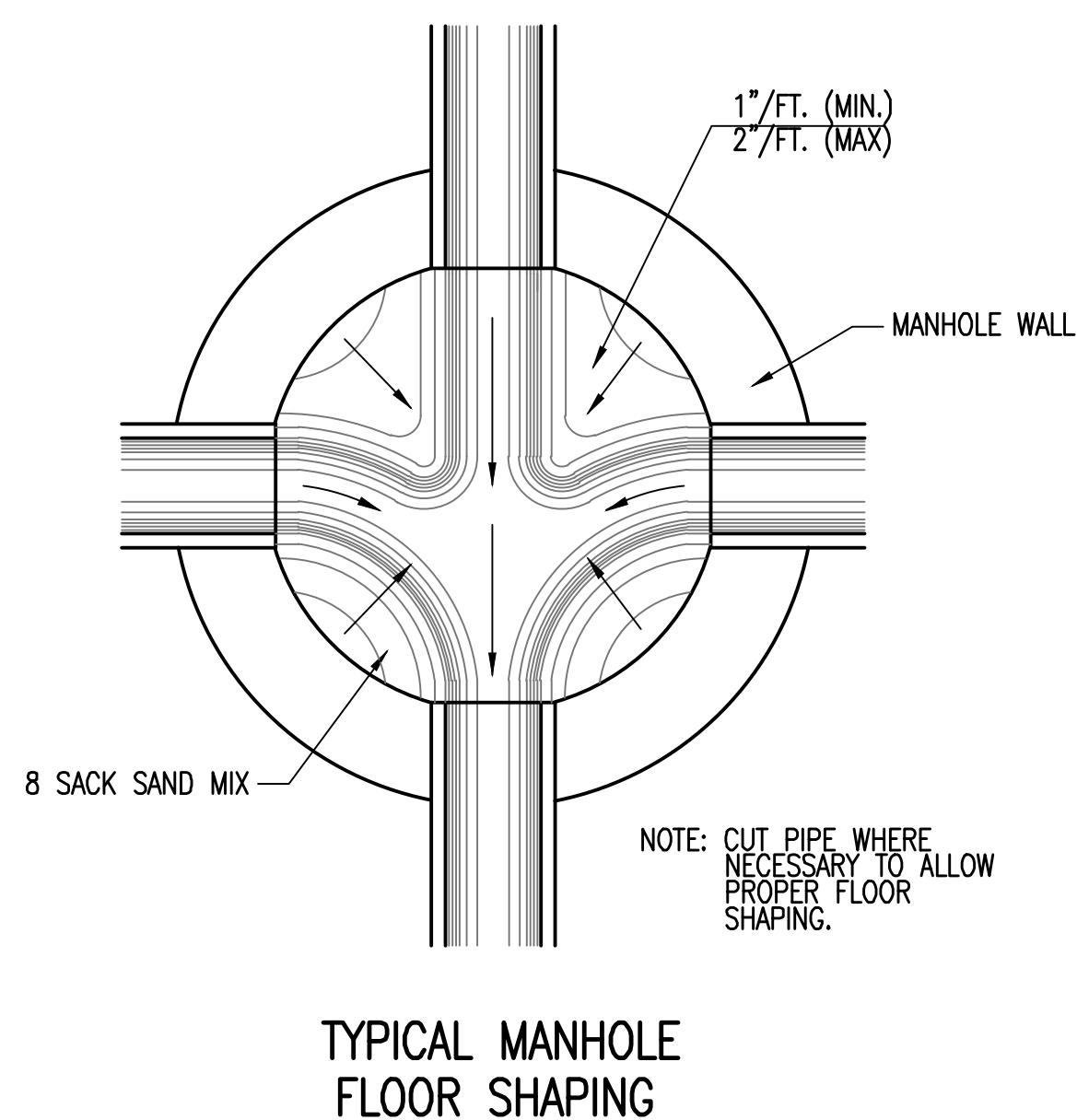
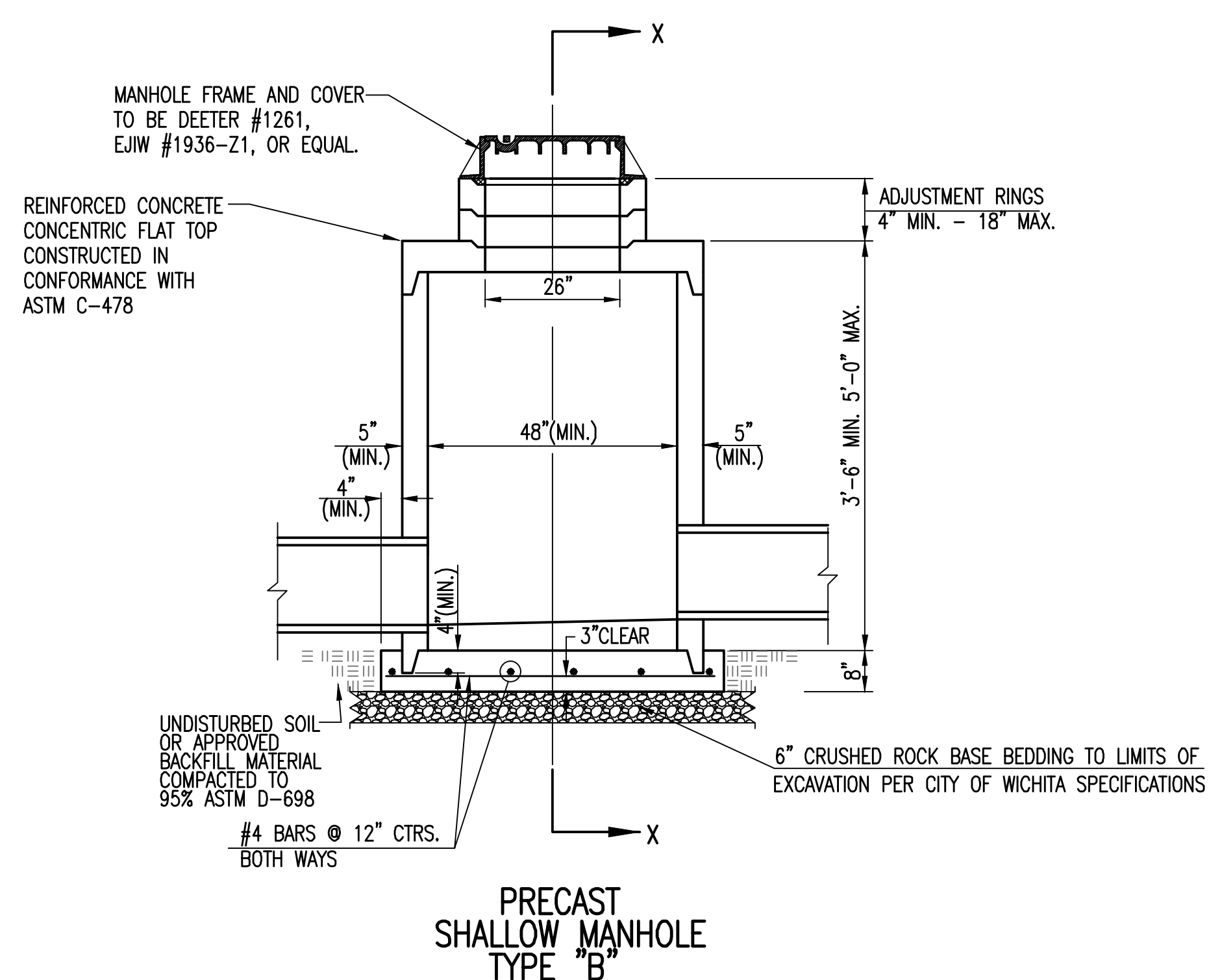
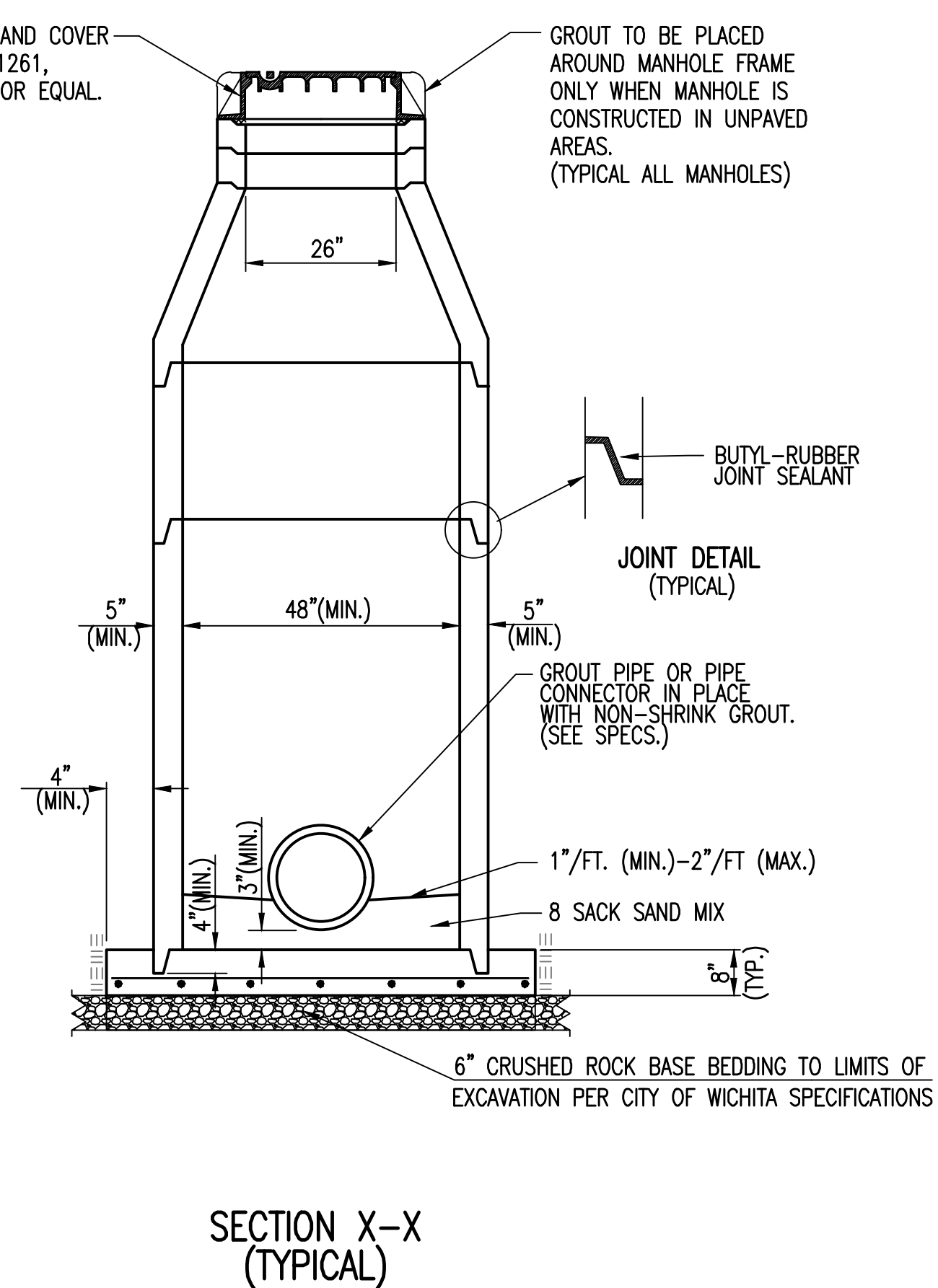
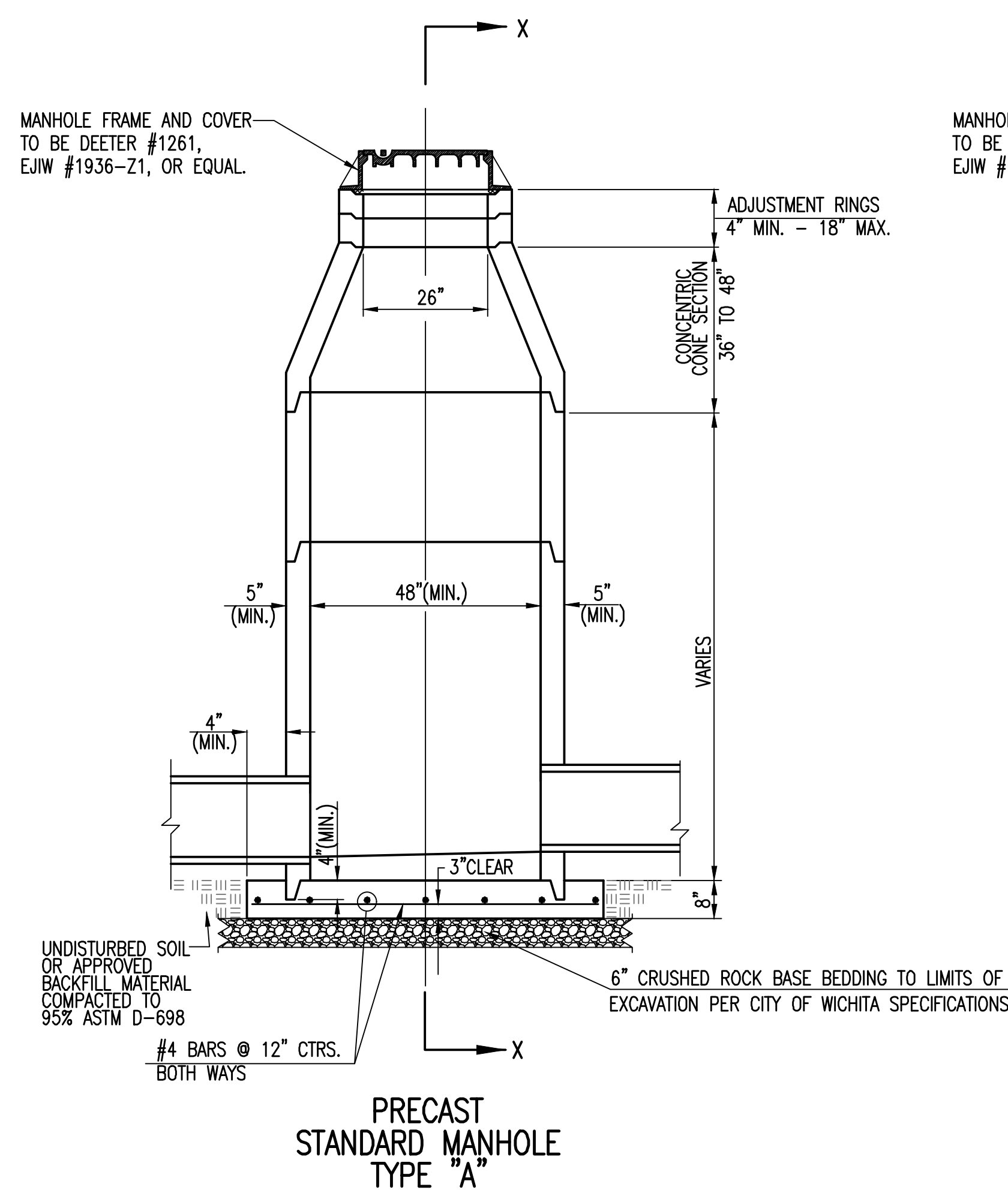
CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS

PROJECT NUMBER
5300.00
PACKAGE NUMBER
#1A
SINGLE-DOUBLE
DROP INLET

CU261

MABCD REVIEW
STAMP LOCATION



GENERAL NOTES

- IF, IN THE OPINION OF THE ENGINEER, THE MANHOLE SUBGRADE APPEARS UNSTABLE, THE CONTRACTOR SHALL 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 CITY OF WICHITA 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, SEE SW-303.
- 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.



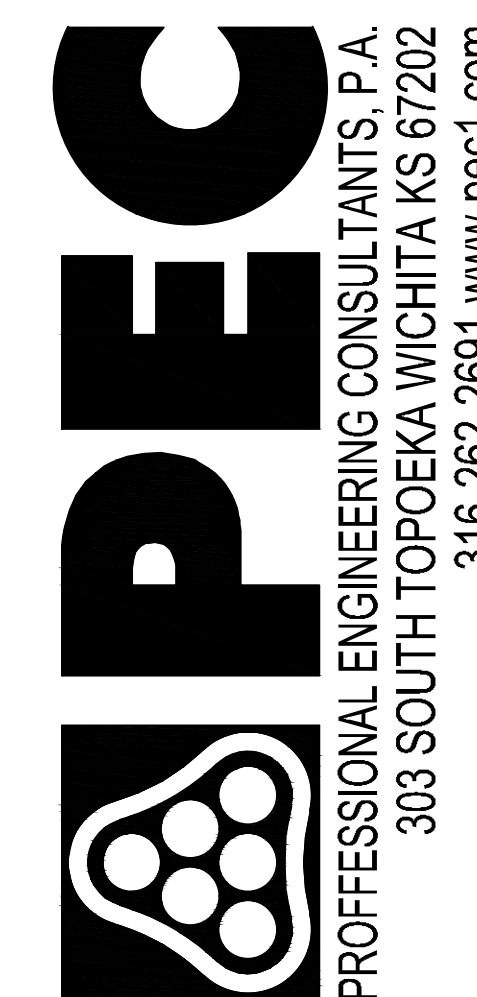
REVISED: MARCH 2015

PRECAST CONCRETE MANHOLE (STORM SEWER)		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 0562	OCA NUMBER (133119)	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4301		SHEET

SW-301

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION

A DESIGN BUILD TEAM



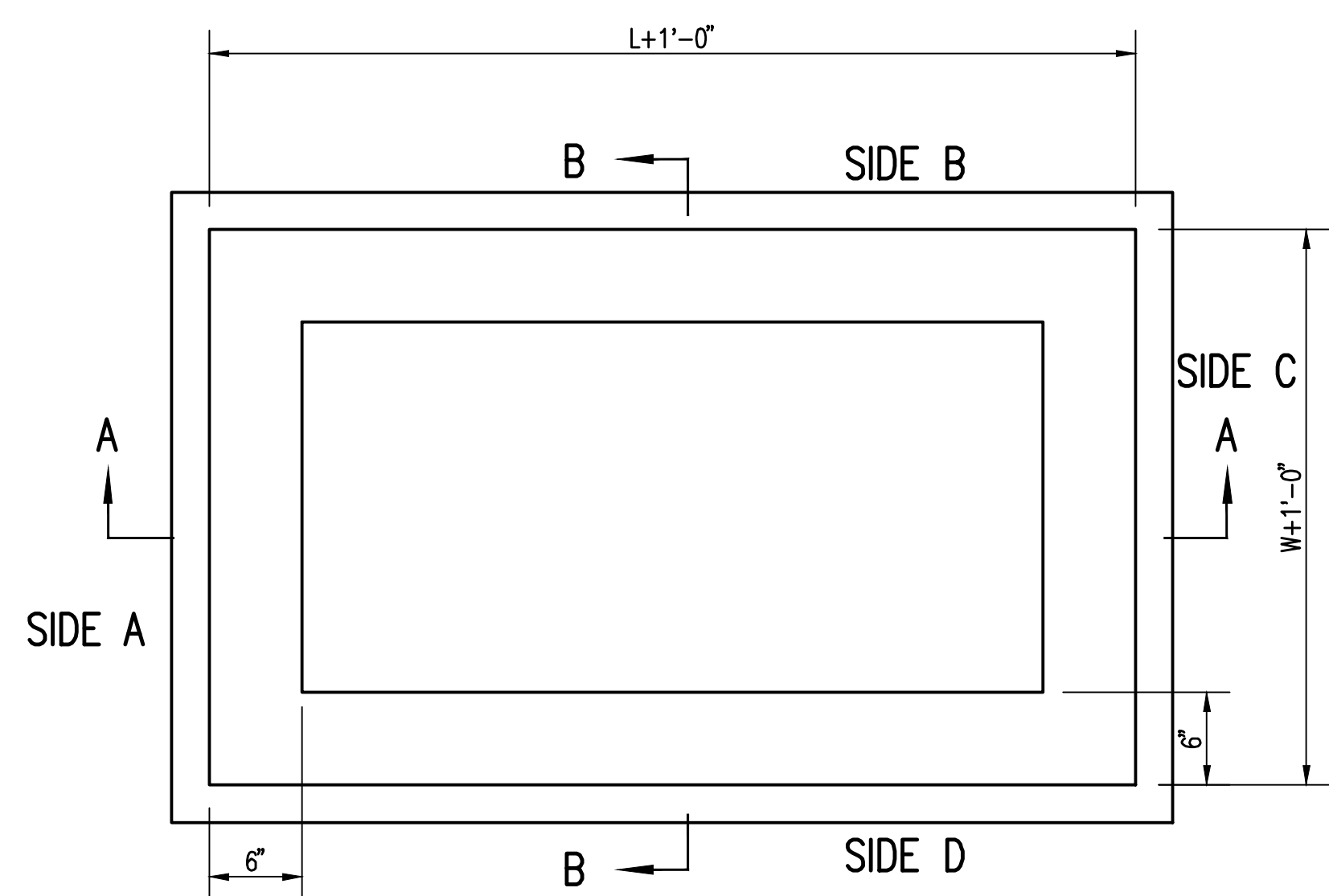
CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS

PROJECT NUMBER
5300.00
PACKAGE NUMBER
#1A
PRECAST CONCRETE
MANHOLE

CU262

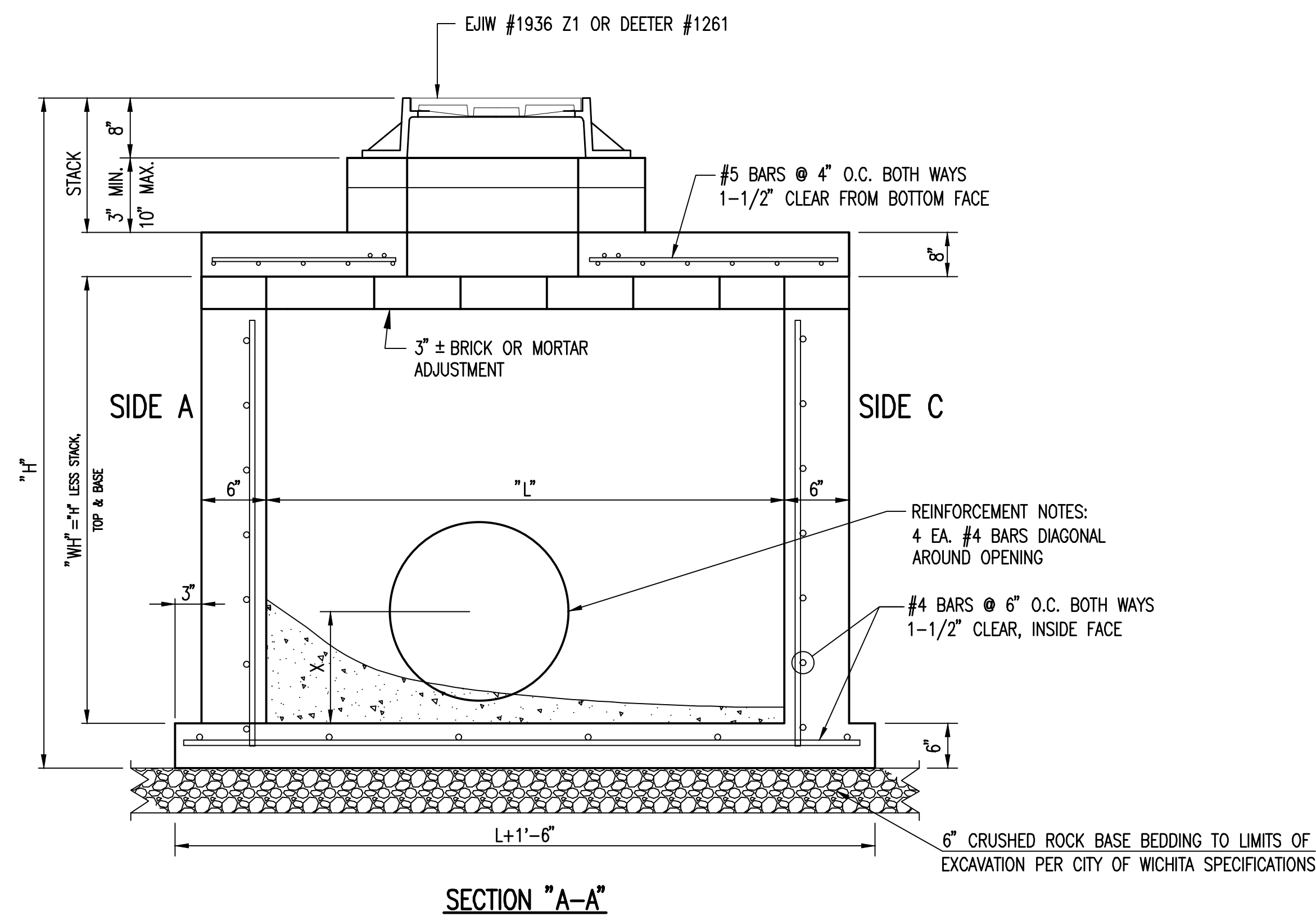
MABCD REVIEW
STAMP LOCATION



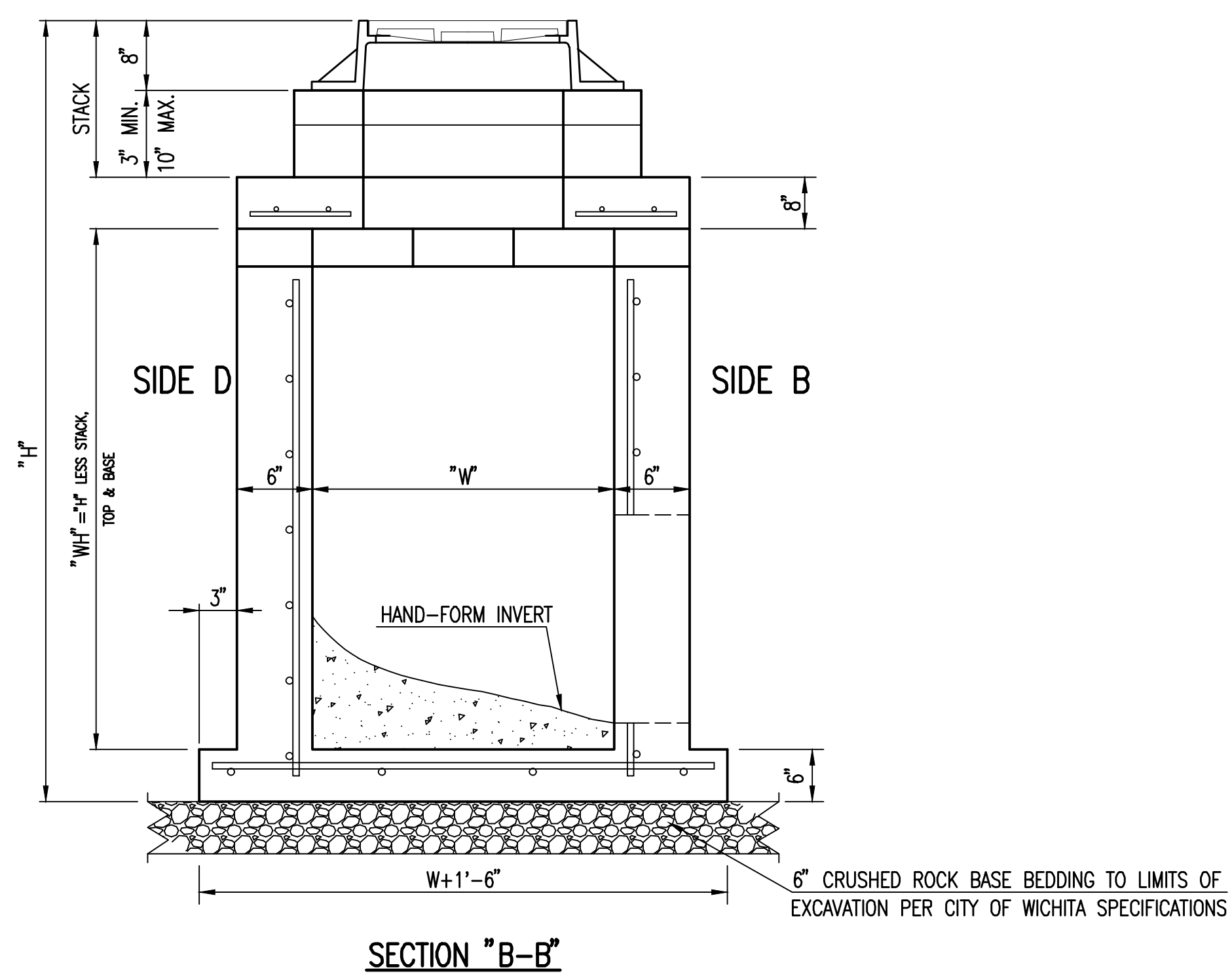
TOP VIEW

GENERAL 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 OF WICHITA 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, EJW #1936-Z1 OR APPROVED EQUAL, SEE SW-303.
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.



SECTION "A-A"



SECTION "B-B"



REVISED: MARCH 2015

REINFORCED CONCRETE MANHOLE (STORM SEWER)

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER 0562	OCA NUMBER (133119)	DATE
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET

SW-302



CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS

PROJECT NUMBER
5300.00

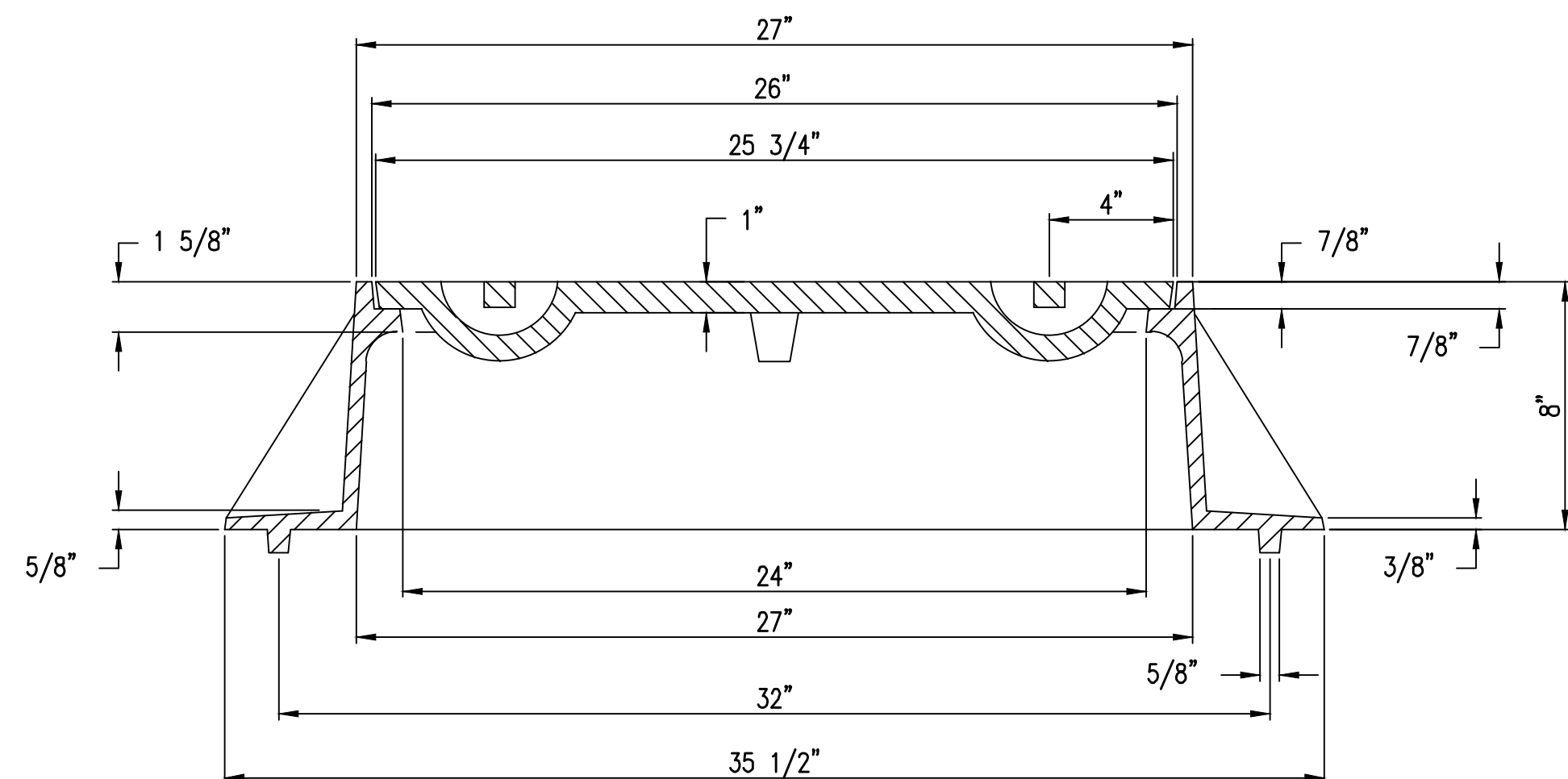
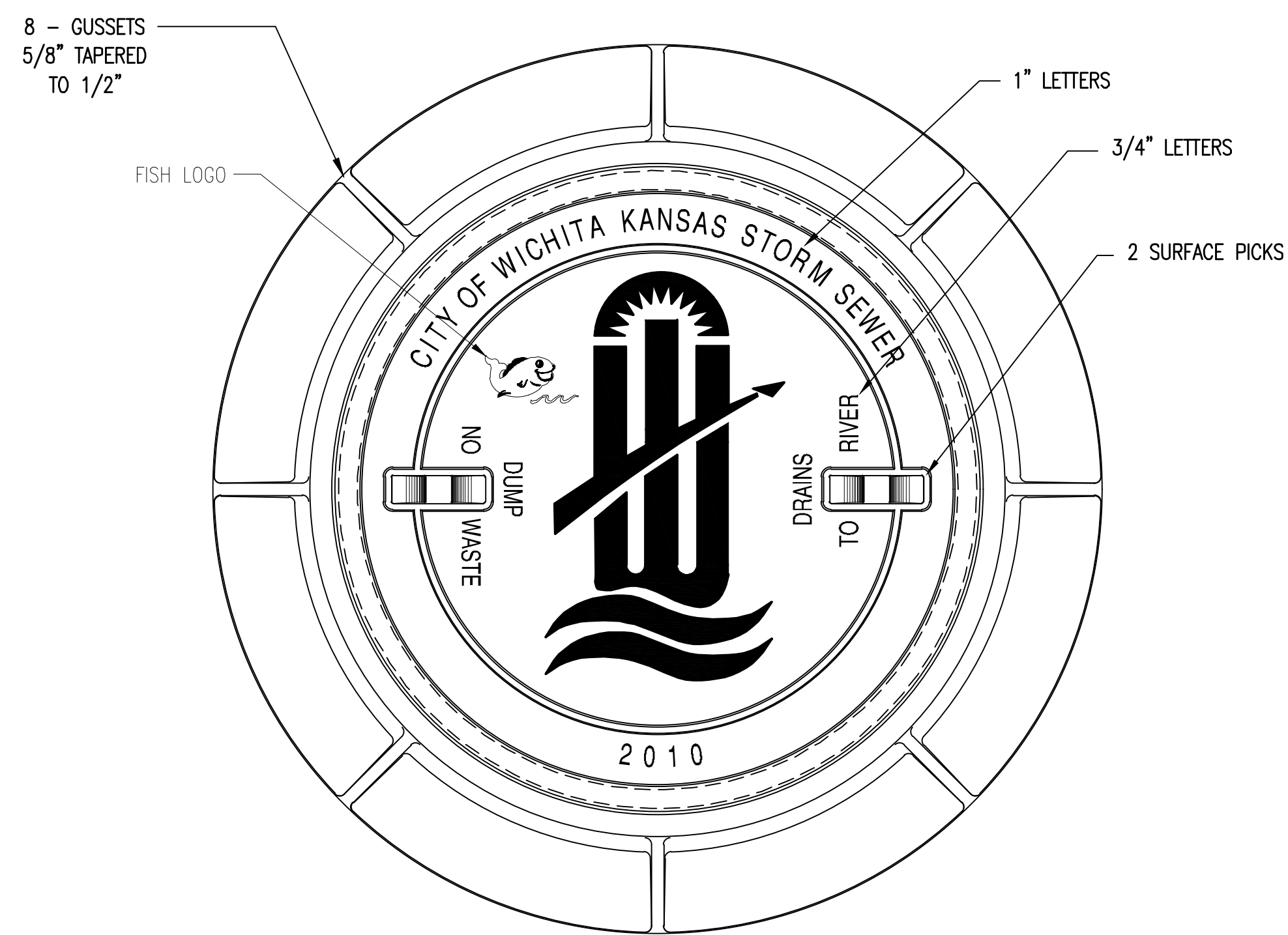
PACKAGE NUMBER
#1A

REINFORCED
CONCRETE MANHOLE

CU263

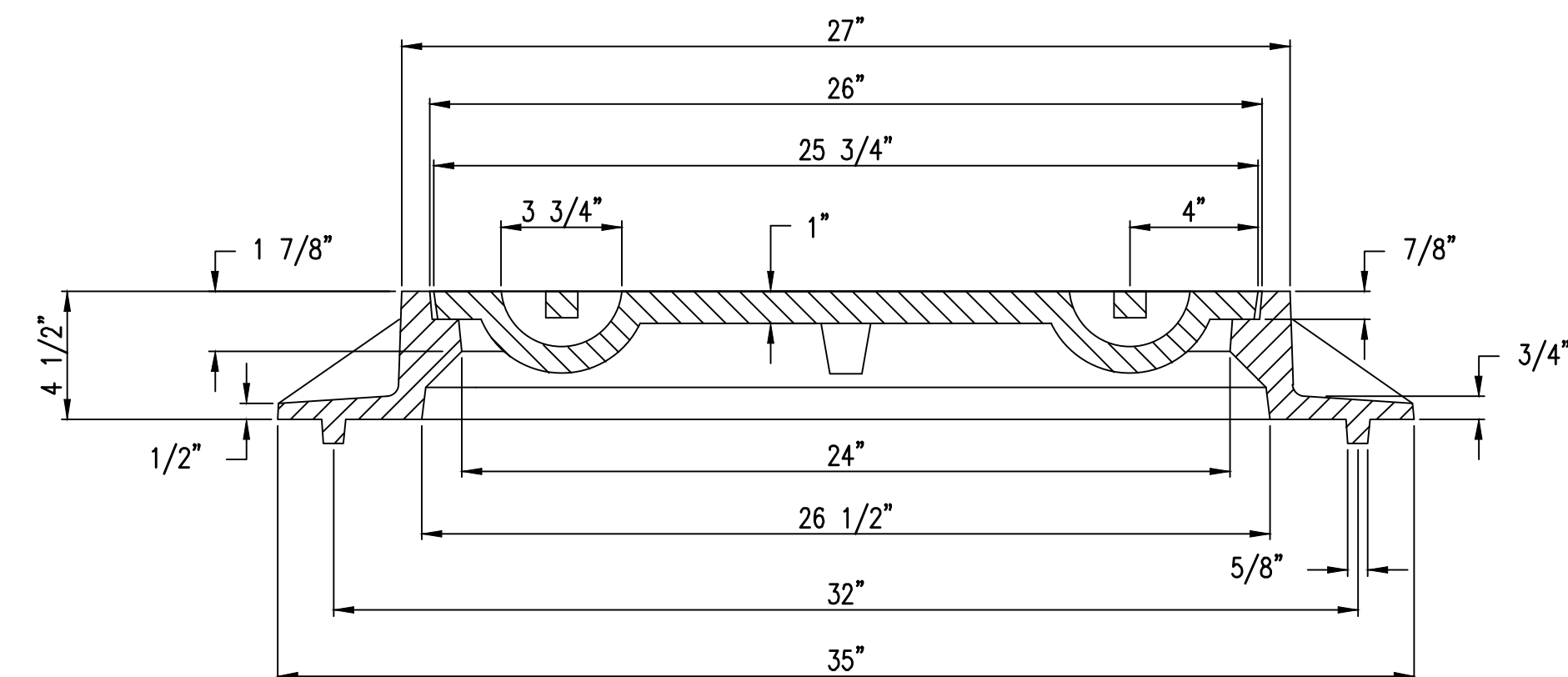
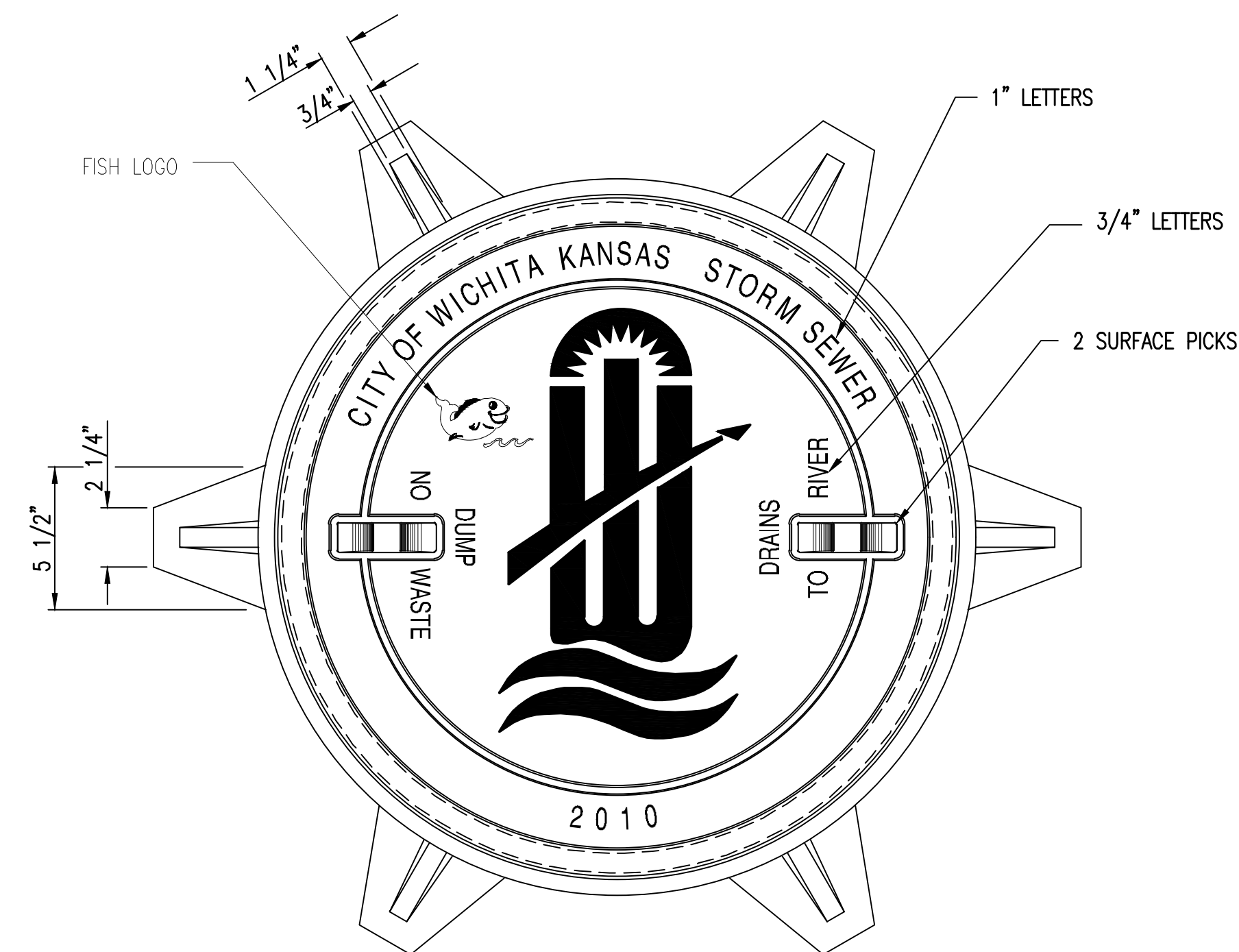
SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM

MABCD REVIEW
STAMP LOCATION



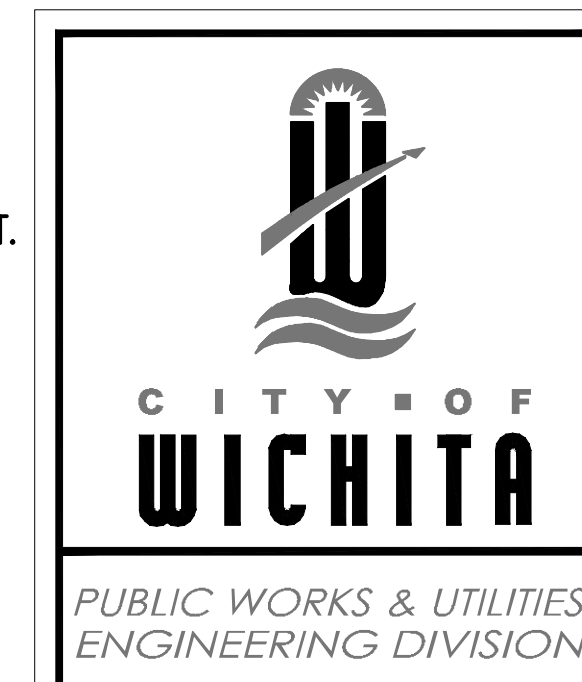
MANHOLE FRAME
DEETER #1261 OR EJIW #1936-Z1

- NOTE:
1. FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACE.
 2. COVER TO BE DEETER #1261 OR EJIW #1936A.



INLET FRAME
DEETER #2014 OR EJIW #1936-Z4

- NOTE:
1. FURNISHED WITH MACHINED HORIZONTAL BEARING SURFACES.
 2. NOT TO BE USED UNDER PAVEMENT.
 3. COVER TO BE DEETER #1261 OR EJIW #1936A.

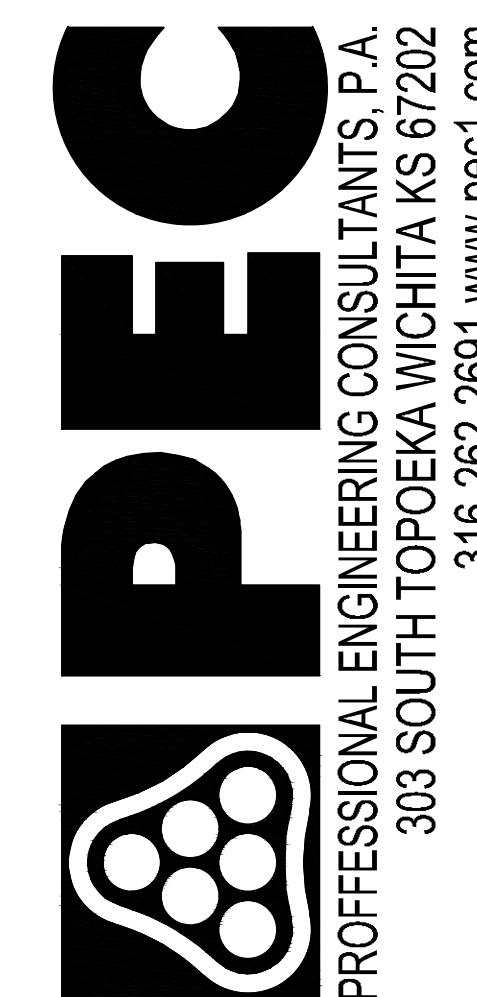


MANHOLE/INLET FRAME AND COVER (STORM SEWER)		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 0562	OCA NUMBER (133119)	DATE 11/2010
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET

SW-303

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION

A DESIGN BUILD TEAM



CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS

PROJECT NUMBER

5300.00

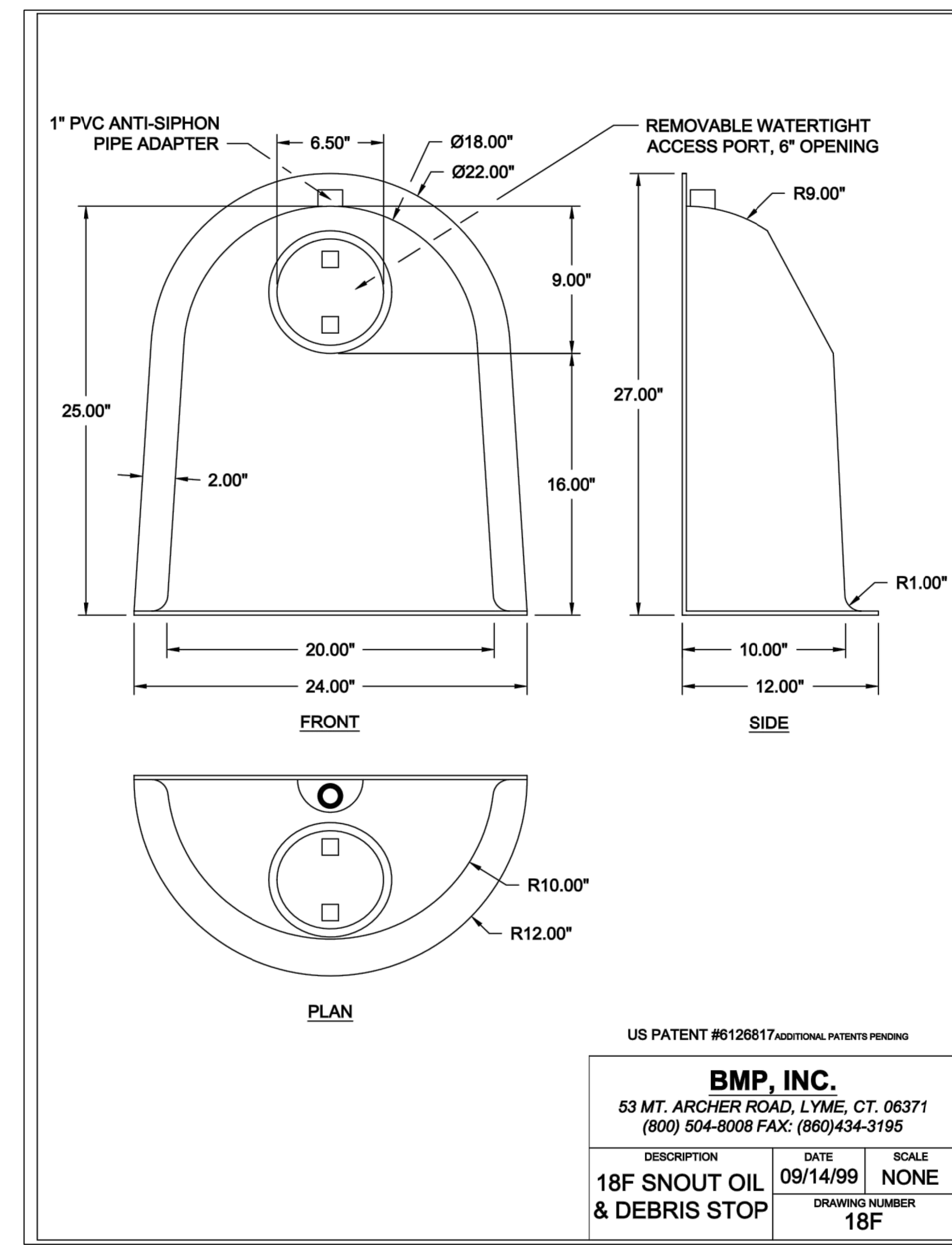
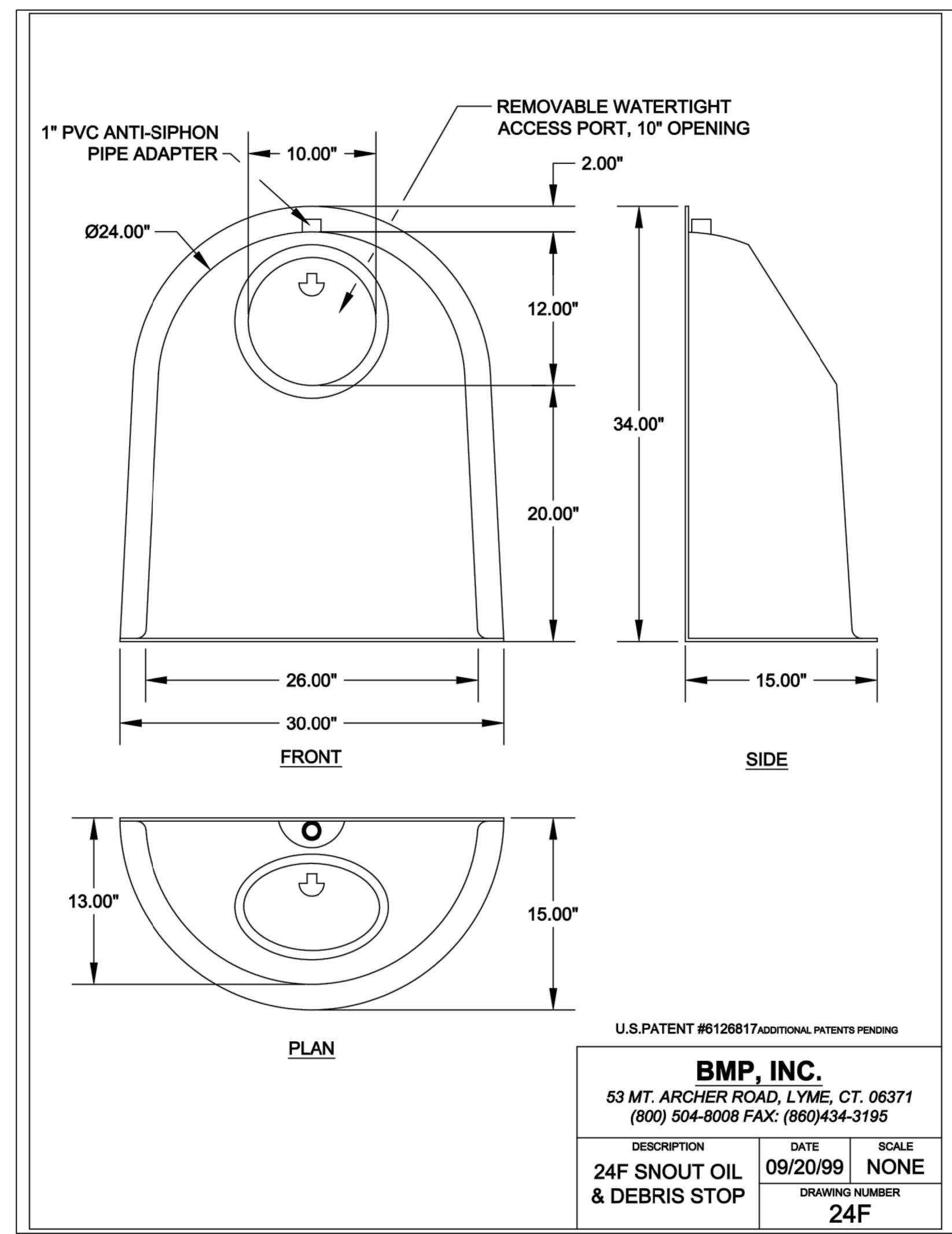
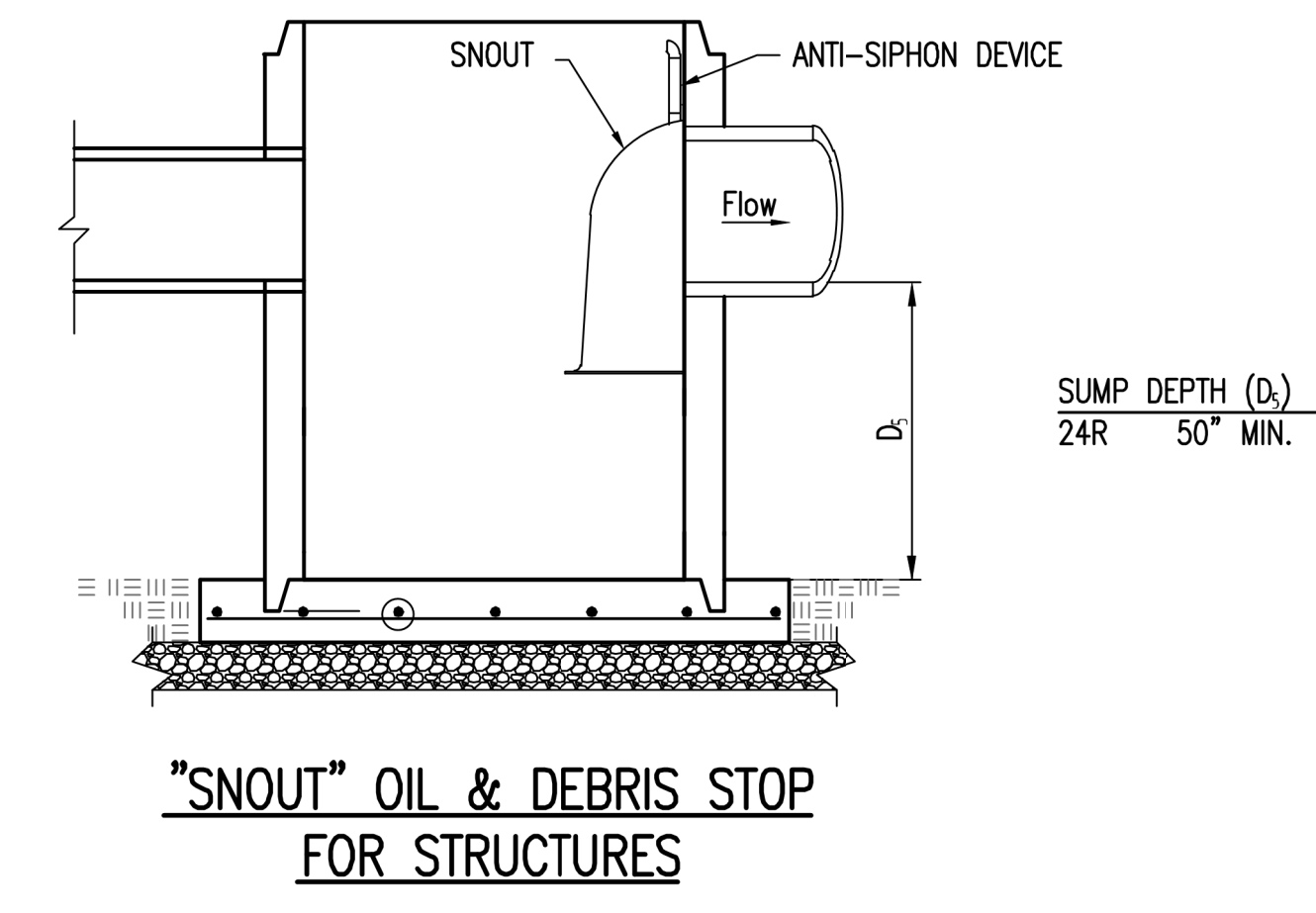
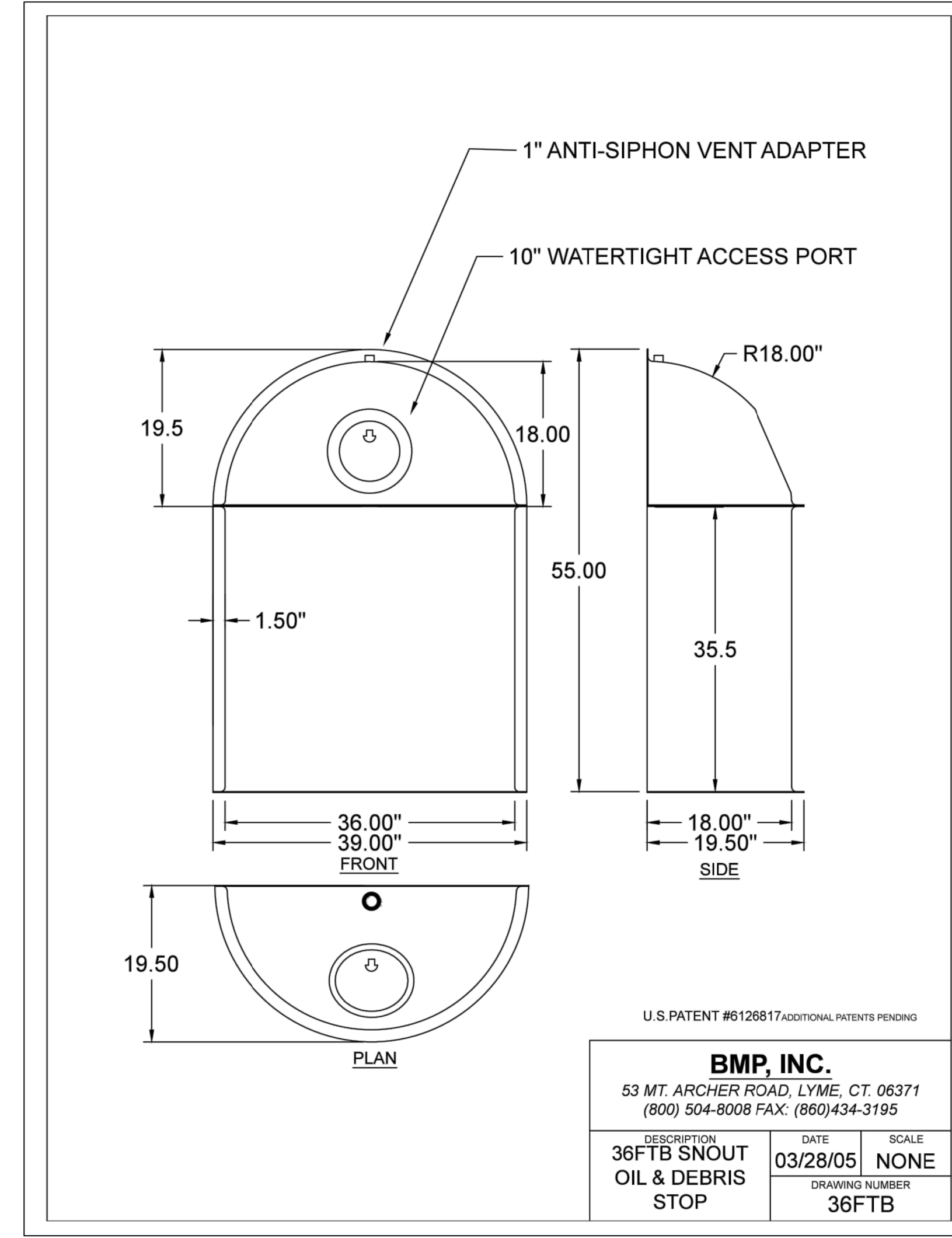
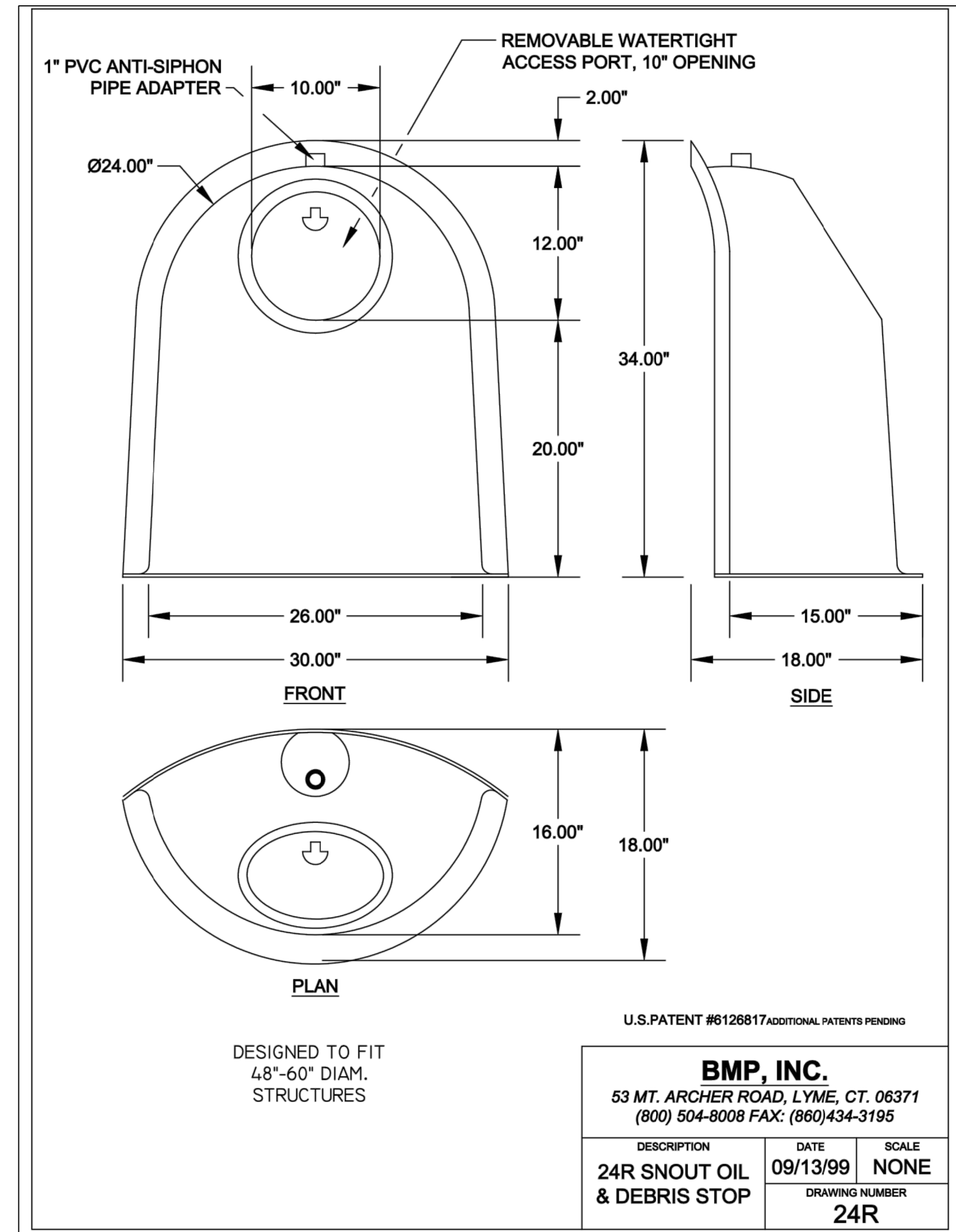
PACKAGE NUMBER

#1A

MANHOLE - INLET
FRAME AND COVER

CU264

MABCD REVIEW
STAMP LOCATION



SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPOEKA WICHITA KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA
Entertainment Venue and
Multi - Sport Stadium
300 Sycamore St.
Wichita, KS 67213

REVISIONS

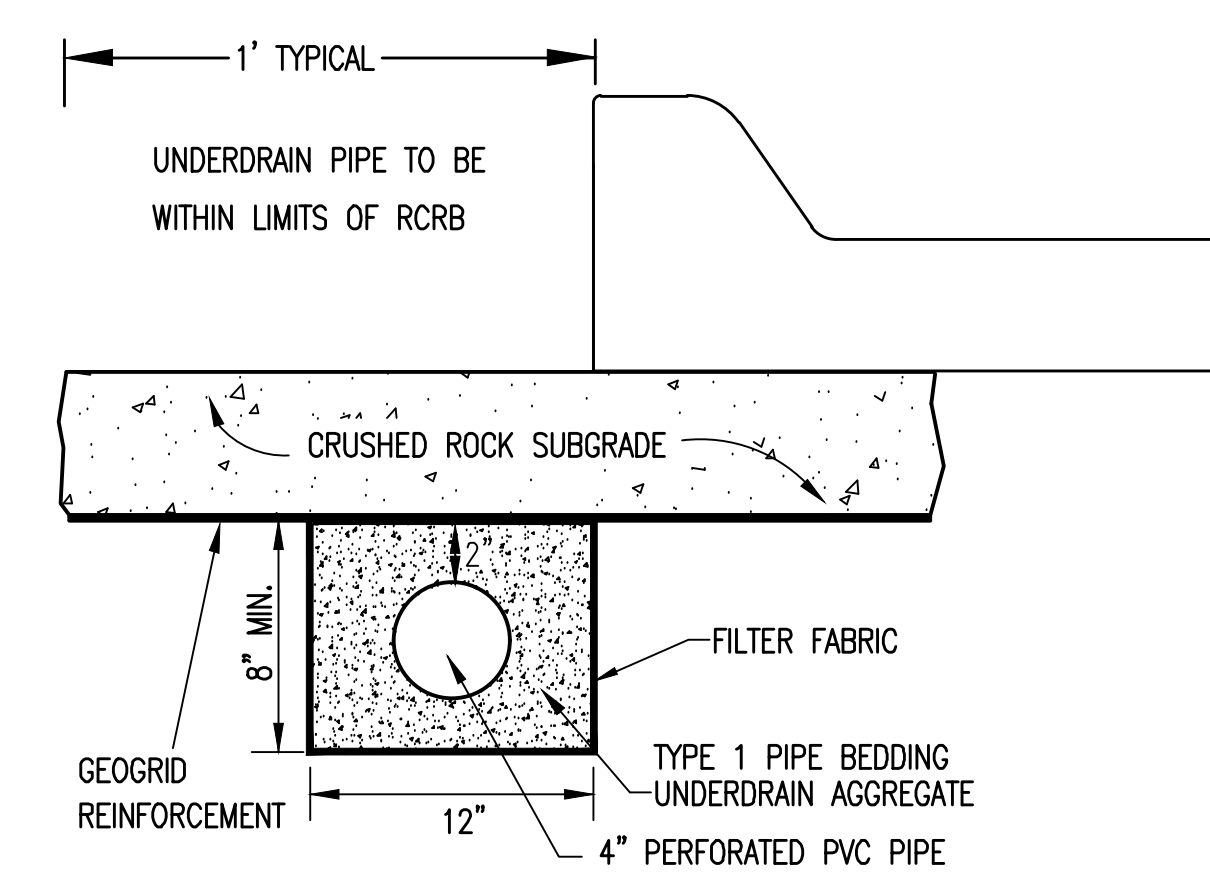
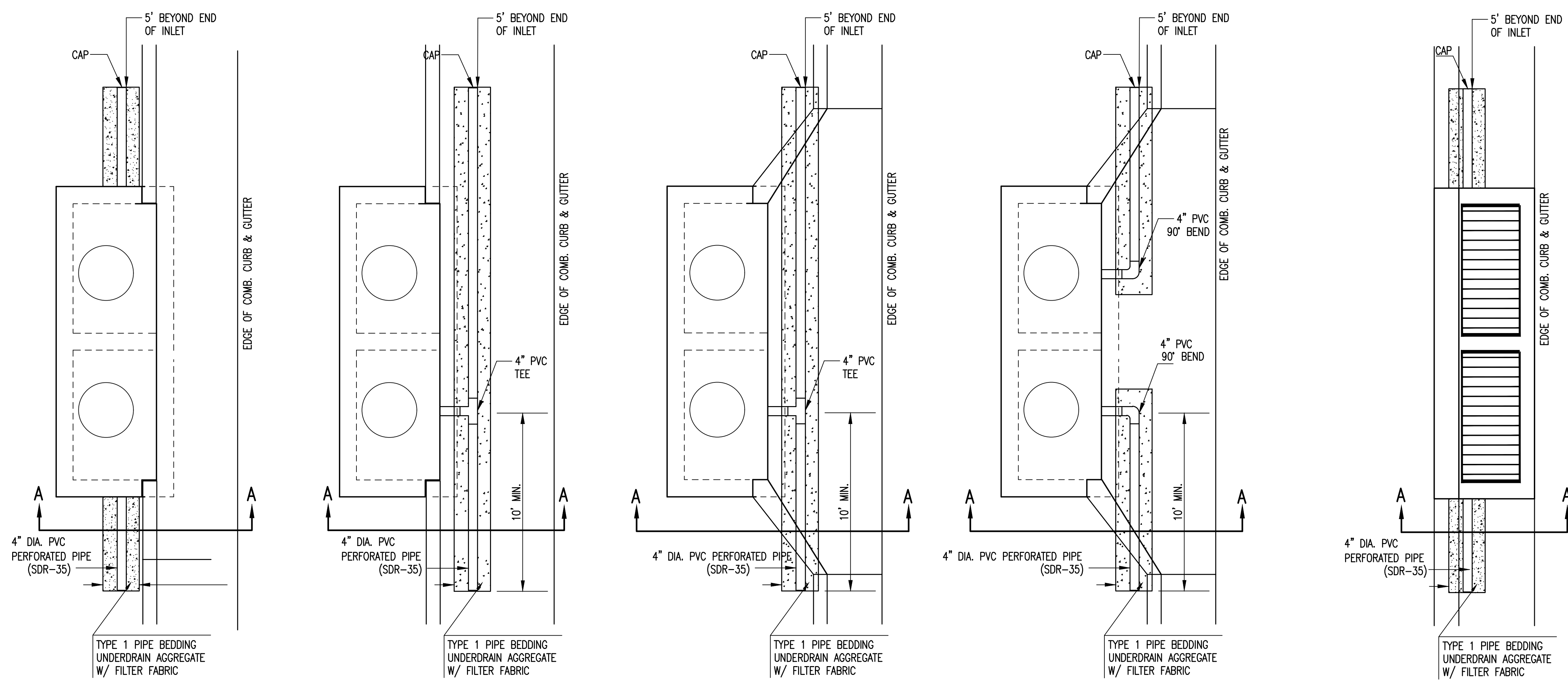
PROJECT NUMBER	5300.00
PACKAGE NUMBER	#1A
SNOUT OIL AND DEBRIS STOP DETAILS	

CU265

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MABCD REVIEW
STAMP LOCATION

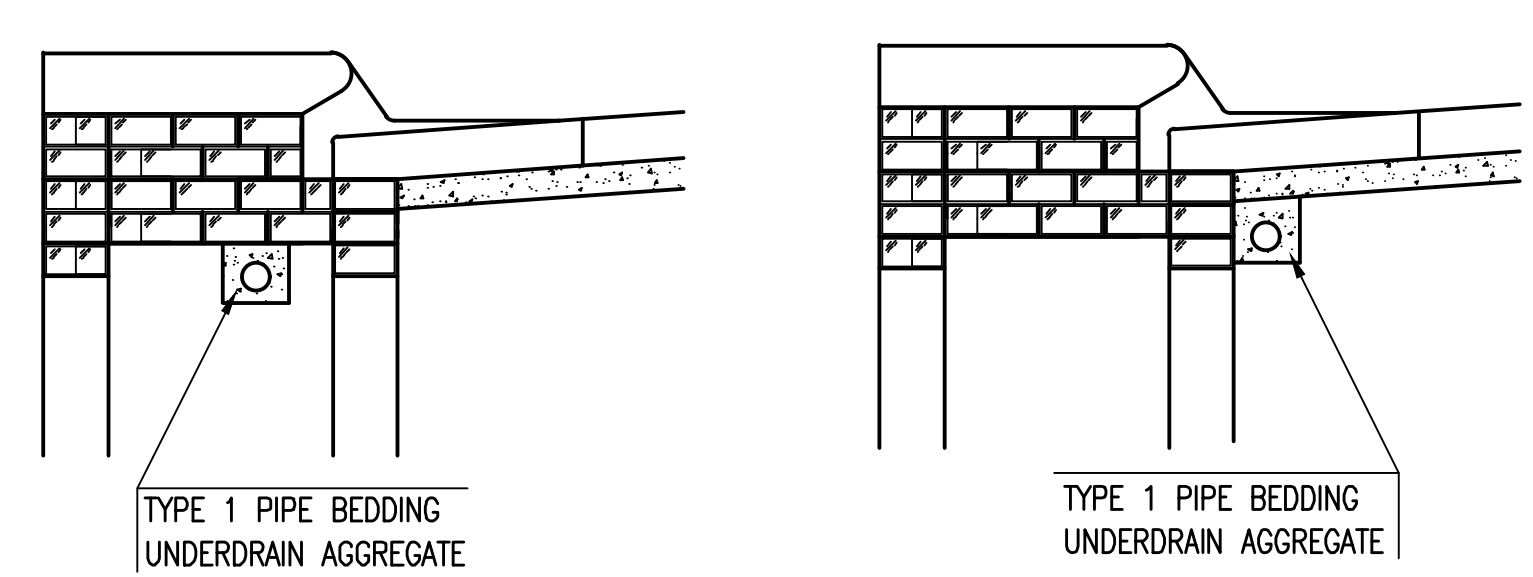
PAVEMENT UNDERDRAIN SHALL BE INSTALLED ON ALL CURB INLETS.



SECTION A-A (TYPICAL)

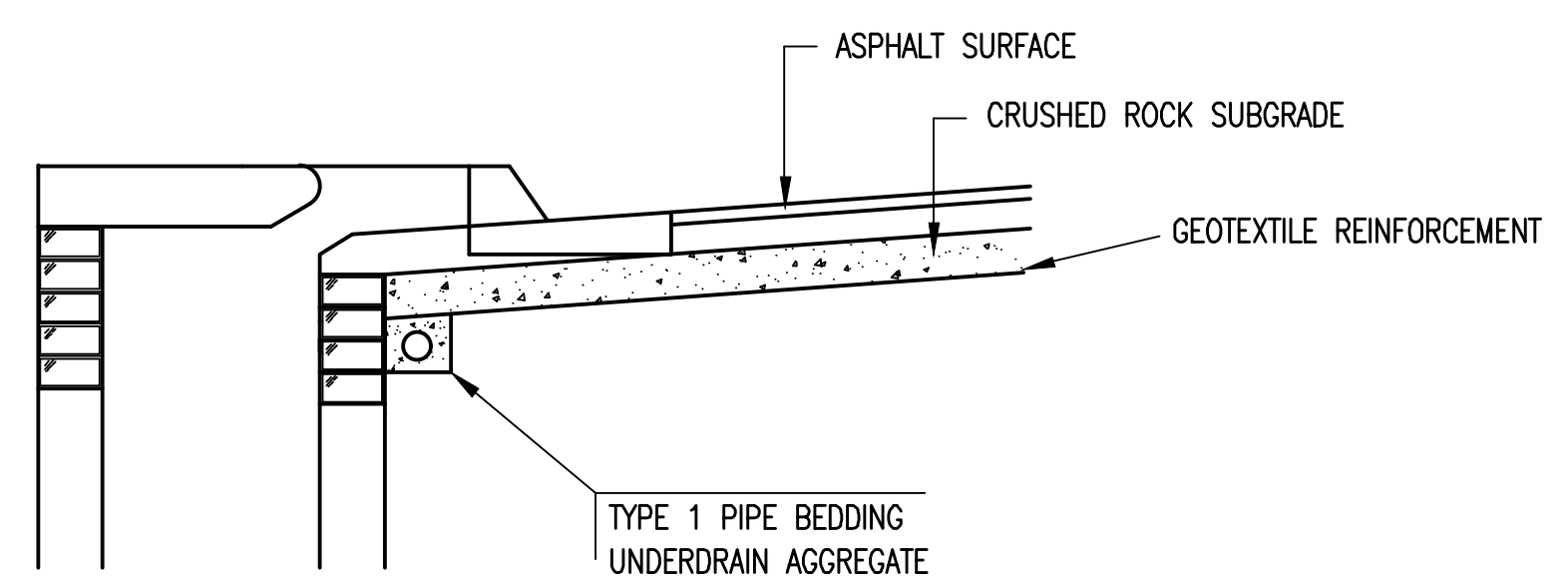
GENERAL NOTES

- PAVEMENT CONTRACTOR WILL BE REQUIRED TO INSTALL SDR 35, 4" PERFORATED DRAIN PIPE AND TEE AS INDICATED IN THE DETAILS.
- WHEN SWS CONSTRUCTED BY SEPARATE PROJECT, SWS CONTRACTOR SHALL INSTALL SDR 35, 4" DRAIN PIPE STUB ONLY THROUGH WALLS OF CURB INLETS AND CAP TO ALLOW FUTURE CONNECTION OF TEE AND ADDITIONAL DRAIN PIPE BY OTHERS.
- UNDERDRAIN PIPE SHALL BE PAID AS A MEASURED QUANTITY BY THE LINEAL FOOT.



(MIN. 16 PERFORATIONS PER LIN. FT. @ 1/4" DIA.)
PERFORATIONS TO BE ON BOTTOM HALF

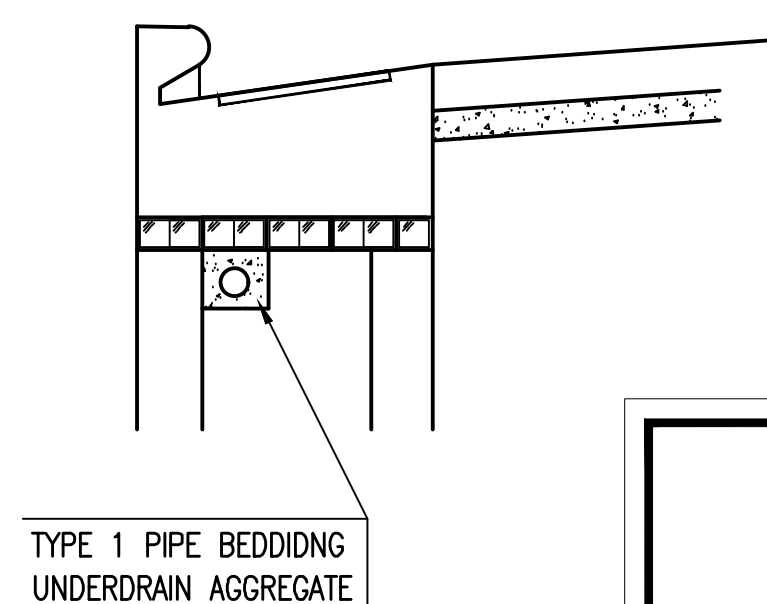
SECTION A-A



SECTION A-A

PAVEMENT UNDERDRAIN DETAIL

BID ITEM TO BE PROVIDED PER 4" PERFORATED UNDERDRAIN PIPE.



SECTION A-A

<p>CITY OF WICHITA PUBLIC WORKS & UTILITIES ENGINEERING DIVISION</p>	<p>CURB INLET PAVEMENT UNDERDRAIN DETAIL</p> <p>CITY ENGINEER GARY JANZEN, P.E.</p>		
	PROJECT NUMBER	OCA NUMBER	DATE
	0562	(133119)	10/2012
	<p>CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501</p>		SHEET

SW-111

SJCF ARCHITECTURE | DLR GROUP | PEC, P.A.
JE DUNN CONSTRUCTION | EBY CONSTRUCTION
A DESIGN BUILD TEAM

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Wichita, KS 67213

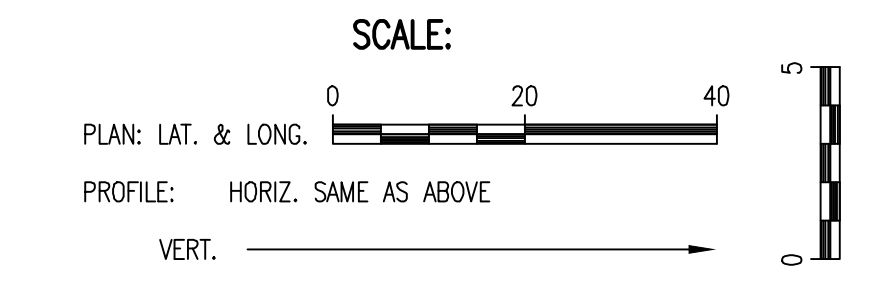
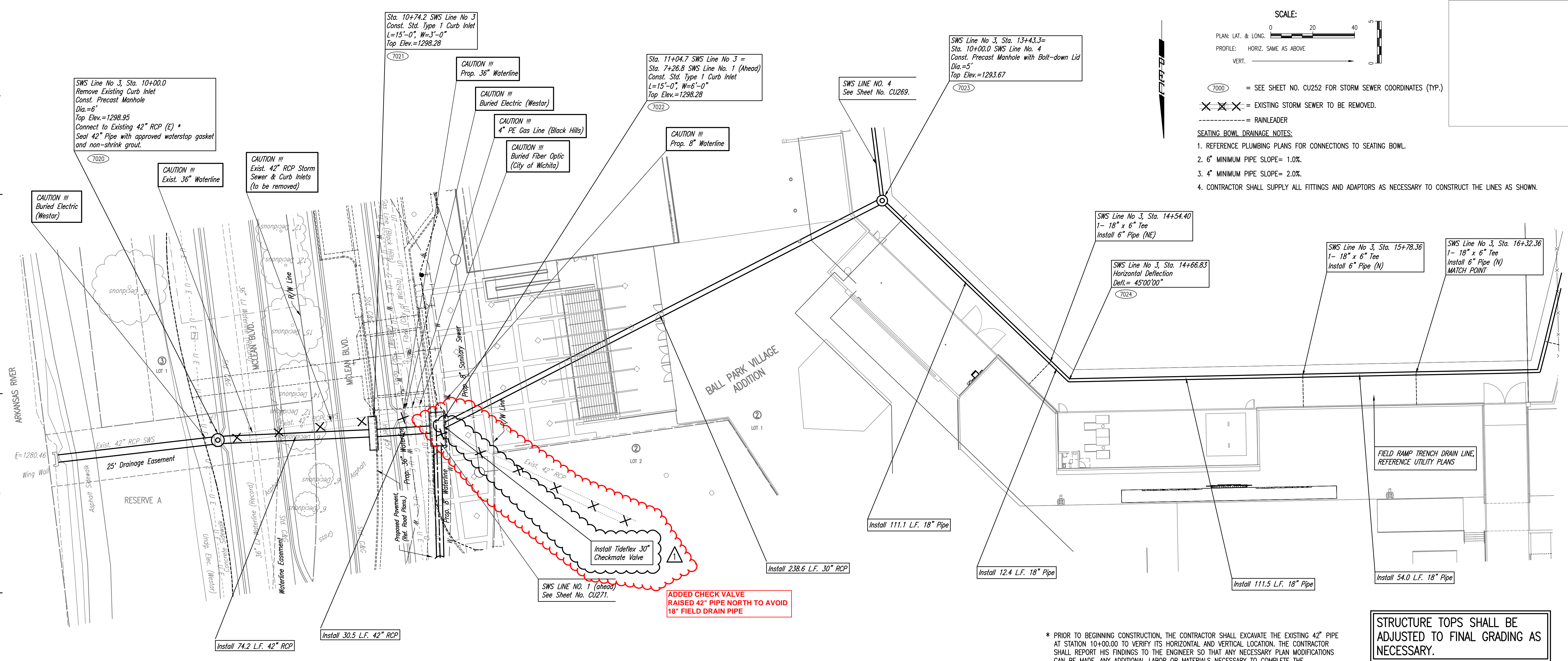
REVISIONS

PROJECT NUMBER
5300.00
PACKAGE NUMBER
#1A

CURB INLET PAVEMENT UNDERDRAIN

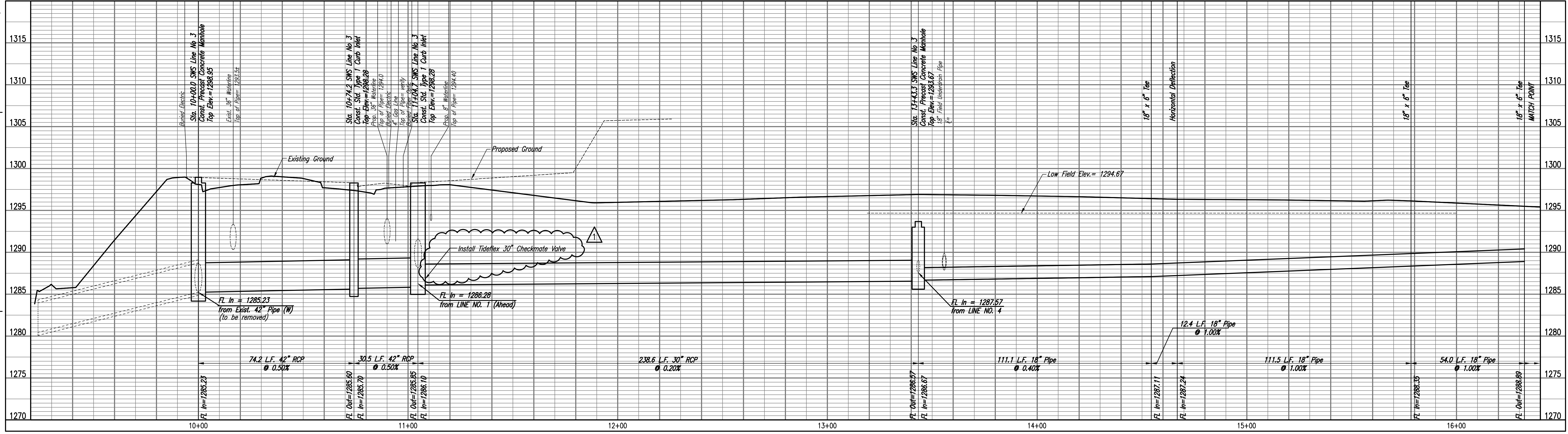
CU266

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- 7000 = SEE SHEET NO. CU252 FOR STORM SEWER COORDINATES (TYP.)
- X X X = EXISTING STORM SEWER TO BE REMOVED.
- = RAINLEADER
- SEATING BOWL DRAINAGE NOTES:
1. REFERENCE PLUMBING PLANS FOR CONNECTIONS TO SEATING BOWL.
 2. 6" MINIMUM PIPE SLOPE= 1.0%.
 3. 4" MINIMUM PIPE SLOPE= 2.0%.
 4. CONTRACTOR SHALL SUPPLY ALL FITTINGS AND ADAPTORS AS NECESSARY TO CONSTRUCT THE LINES AS SHOWN.

STORM SEWER LINE NO. 3



* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 42" PIPE AT STATION 10+00.00 TO VERIFY ITS HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

STRUCTURE TOPS SHALL BE ADJUSTED TO FINAL GRADING AS NECESSARY.

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REVISIONS

19	CPR20 06/21/19
18	REV 1 08/16/19

PROJECT NUMBER
5379.00

INITIAL RELEASE DATE
06/21/19

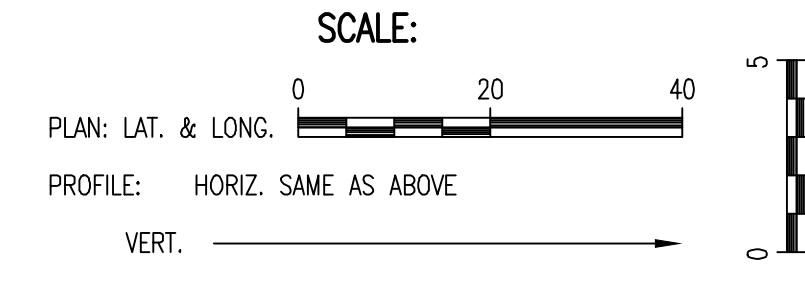
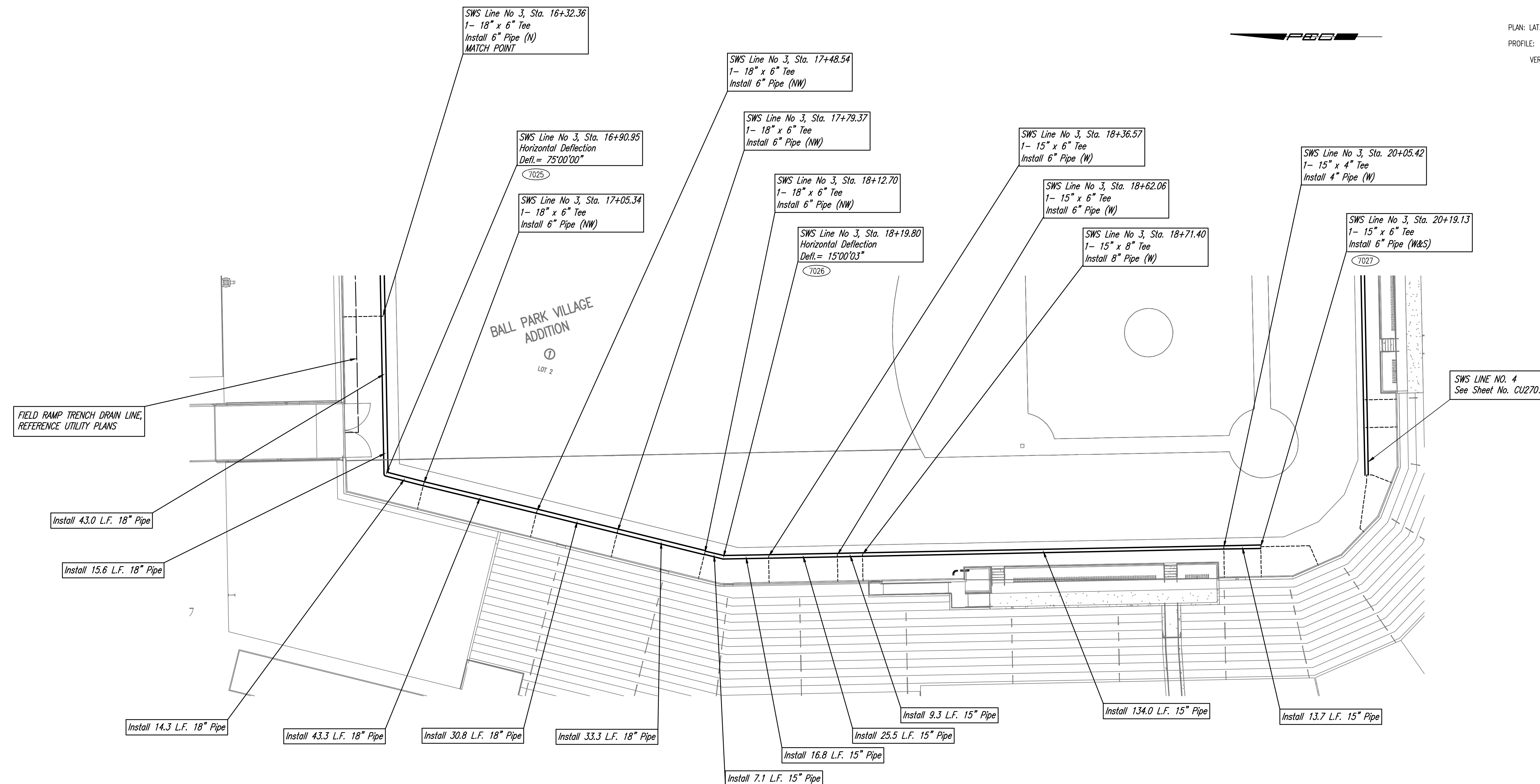
STORM SEWER
LINE NO. 3

ENTIRE SHEET 19

CITY OF WICHITA
 Private Project Number
 0562PPD (131119)

CU267

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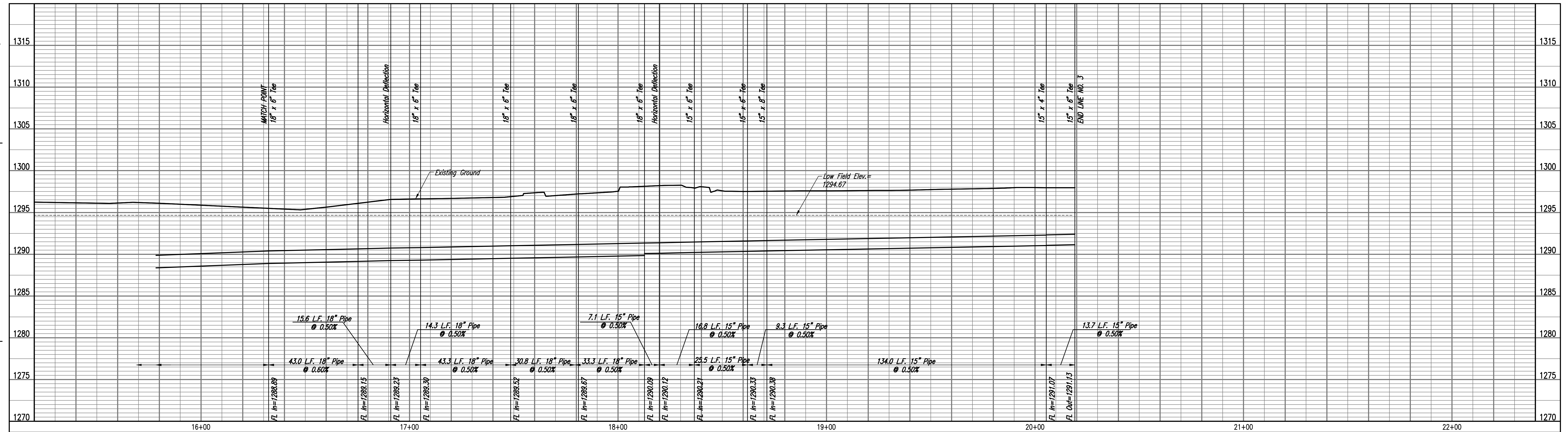


MABCD REVIEW
STAMP LOCATION

(7000) = SEE SHEET NO. CU252 FOR STORM SEWER COORDINATES (TYP.)
----- = RAINLEADER

- SEATING BOWL DRAINAGE NOTES:
1. REFERENCE PLUMBING PLANS FOR CONNECTIONS TO SEATING BOWL.
 2. 6" MINIMUM PIPE SLOPE= 1.0%.
 3. 4" MINIMUM PIPE SLOPE= 2.0%.
 4. CONTRACTOR SHALL SUPPLY ALL FITTINGS AND ADAPTORS AS NECESSARY TO CONSTRUCT THE LINES AS SHOWN.

STORM SEWER LINE NO. 3



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REVISIONS
13 CPR20 06/21/19

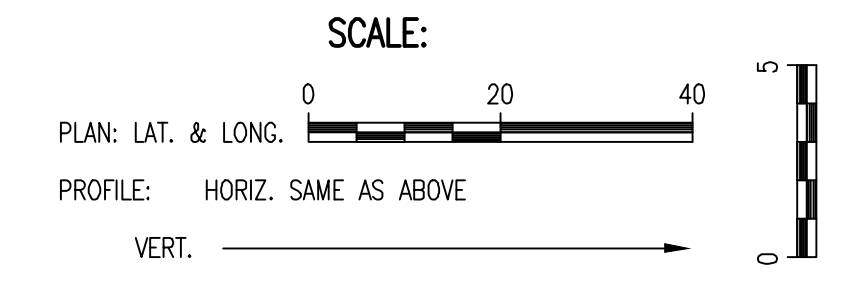
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INITIAL RELEASE DATE

STORM SEWER
LINE NO. 3

ENTIRE SHEET 13

CITY OF WICHITA
Private Project Number
0562PPD (133119)

CU268

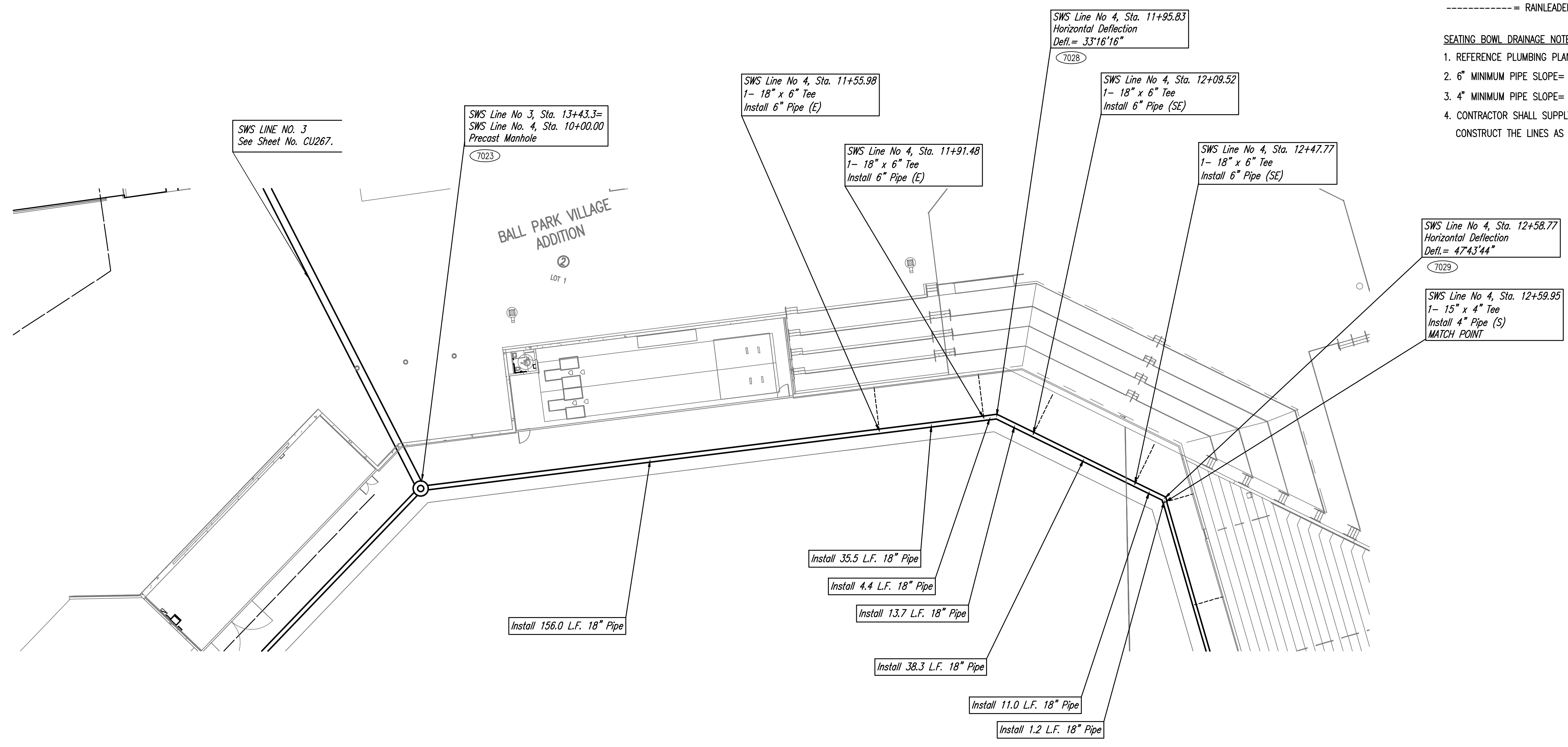


MABCD REVIEW
STAMP LOCATION

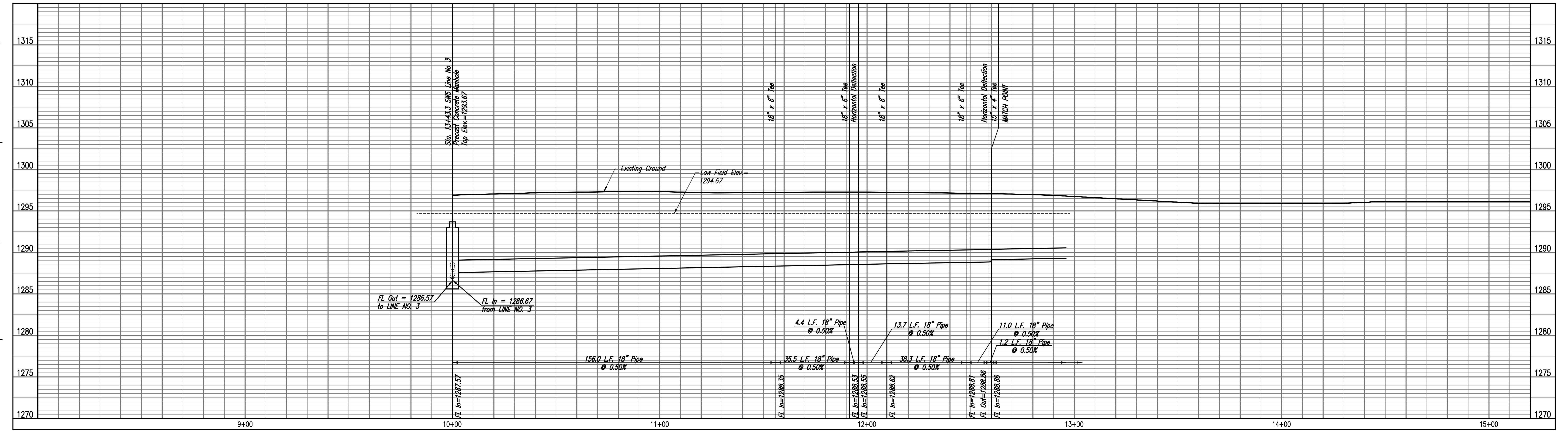
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----- = RAINLEADER

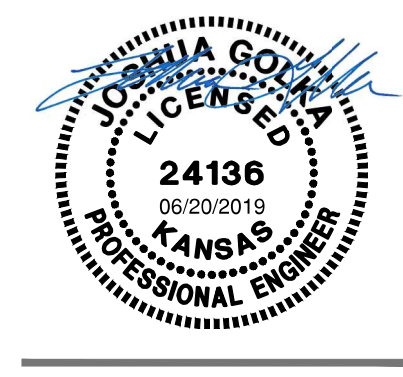
- SEATING BOWL DRAINAGE NOTES:
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STORM SEWER LINE NO. 4



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PROJECT NUMBER
XXXX.XX
INITIAL RELEASE DATE

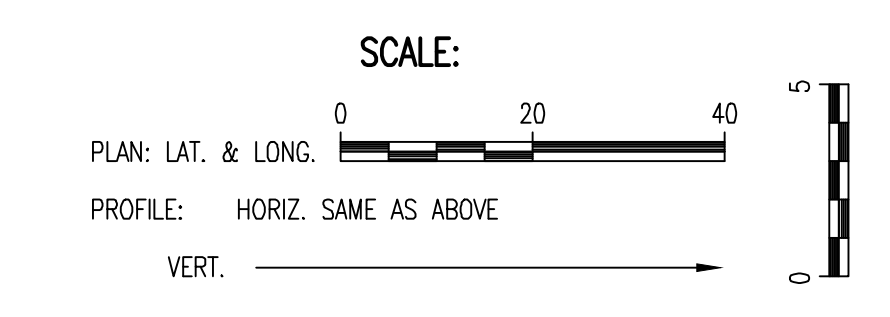
STORM SEWER
LINE NO. 4

CU269

ENTIRE SHEET 13

CITY OF WICHITA
Private Project Number
0562PPD (133119)

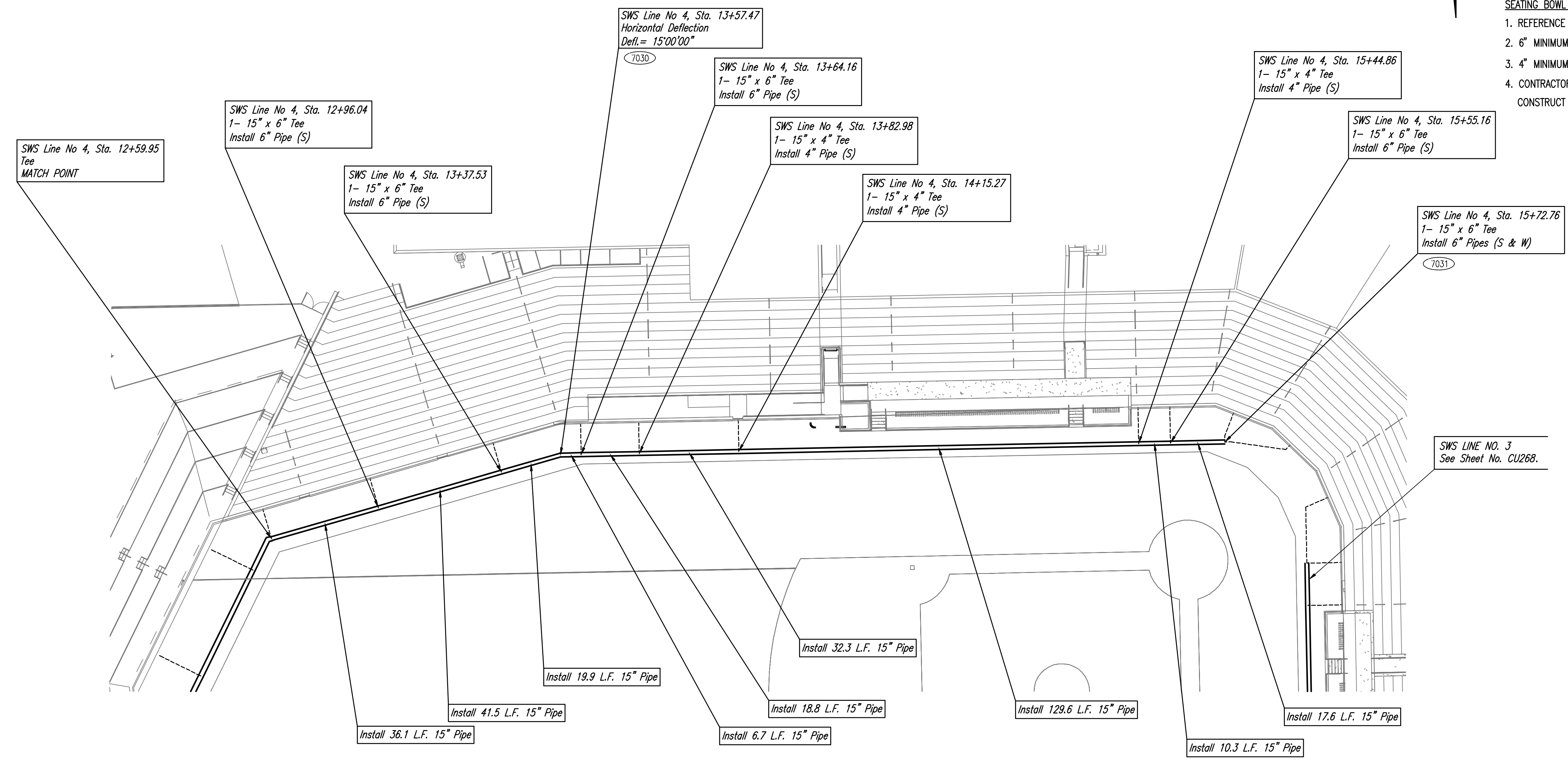
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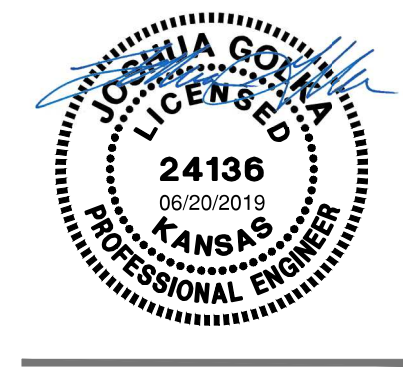
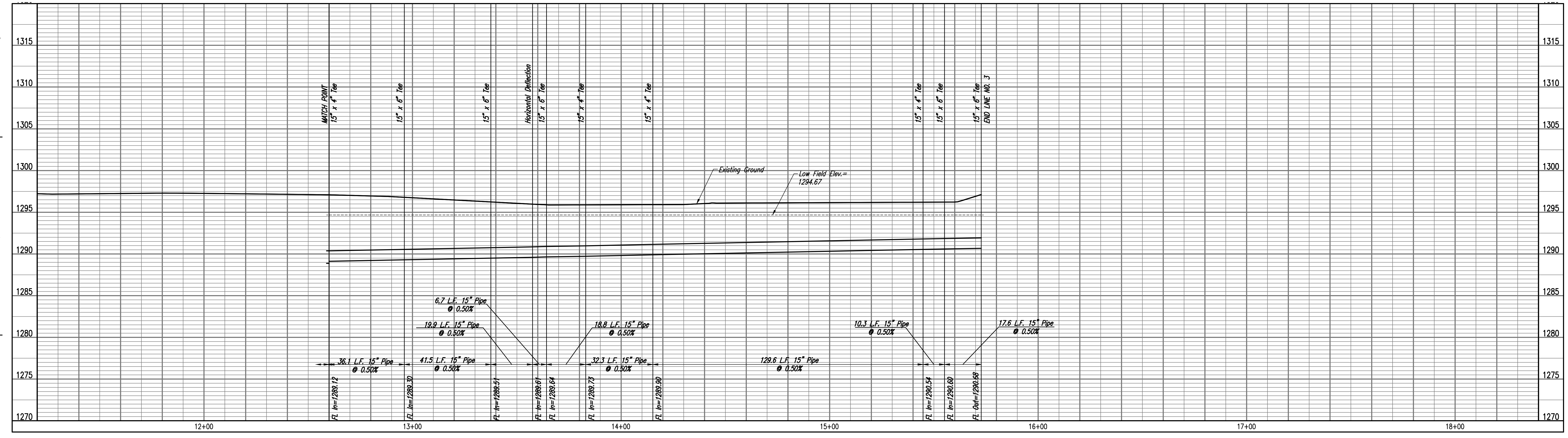
MABCD REVIEW
 STAMP LOCATION

7000 = SEE SHEET NO. CU252 FOR STORM SEWER COORDINATES (TYP.)
 --- = RAINLEADER

- SEATING BOWL DRAINAGE NOTES:
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STORM SEWER LINE NO. 4



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PROJECT NUMBER
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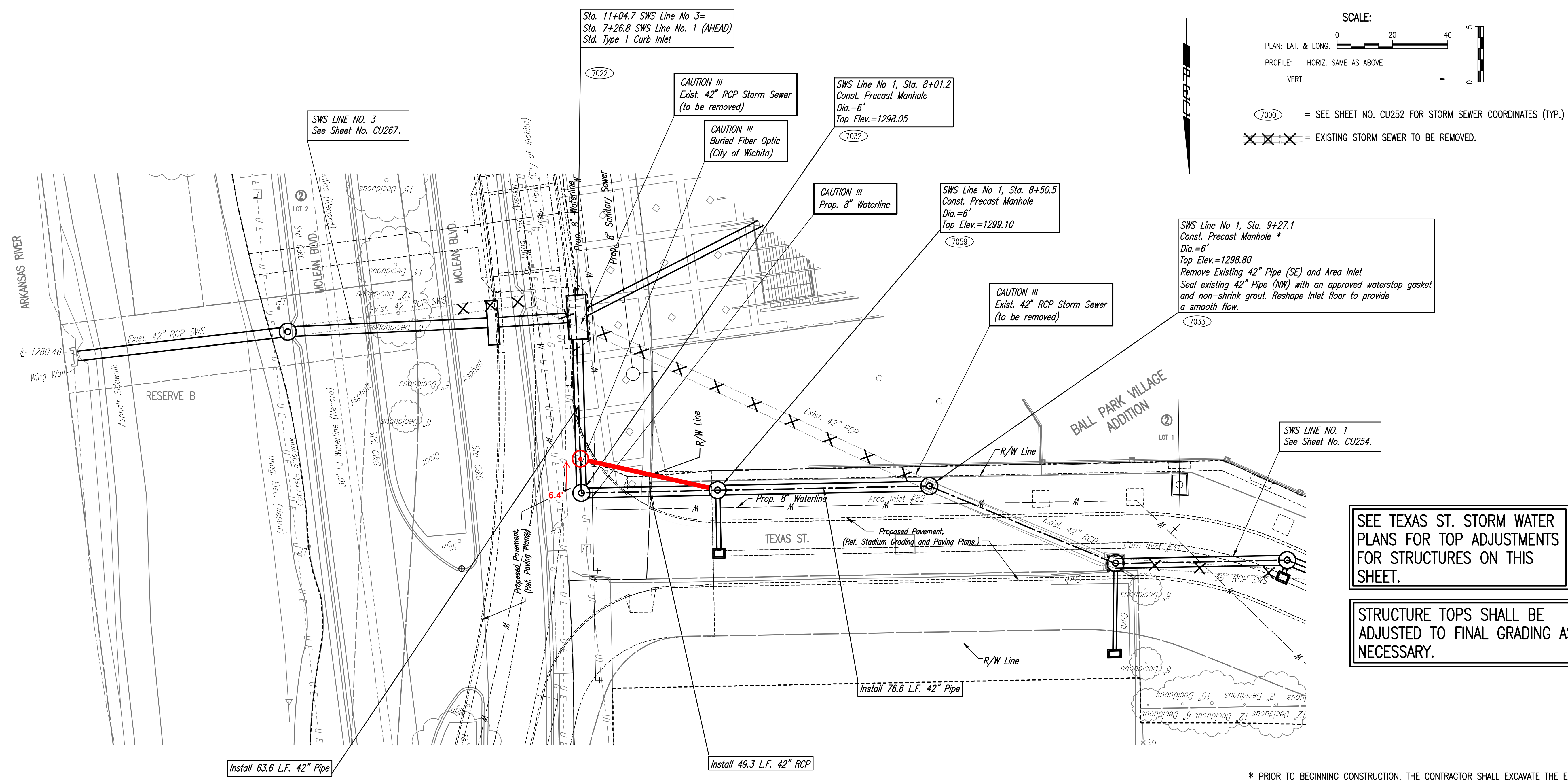
STORM SEWER
 LINE NO. 4

CU270

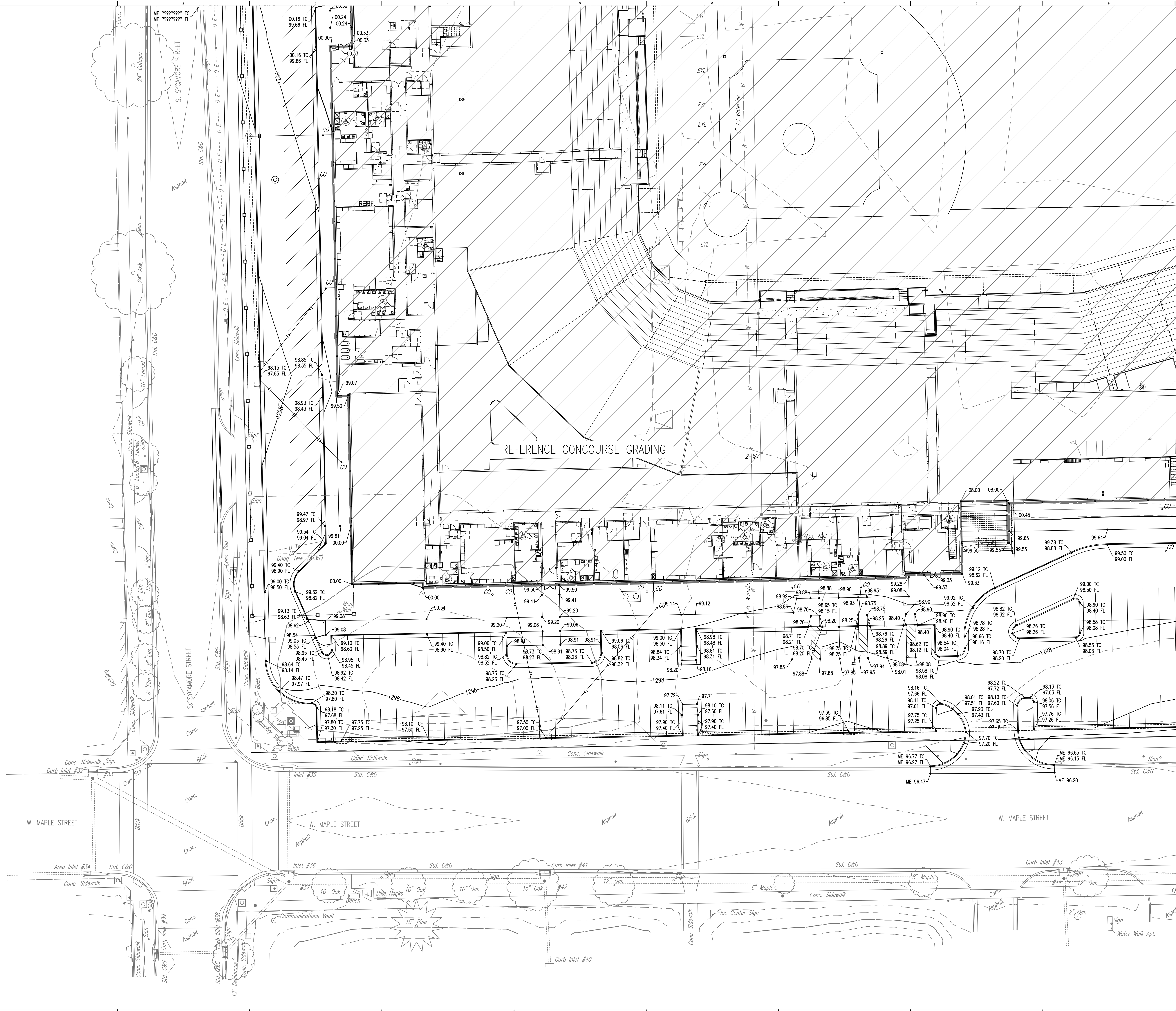
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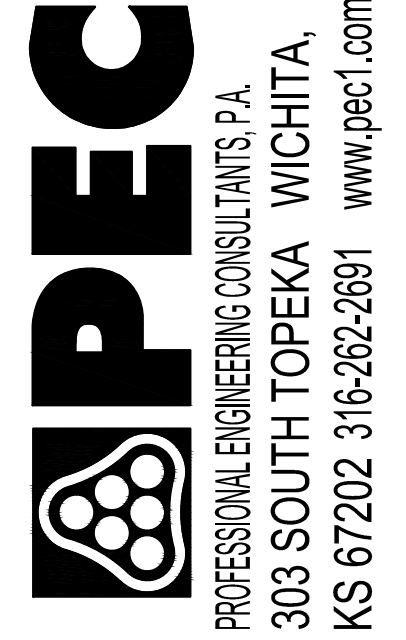
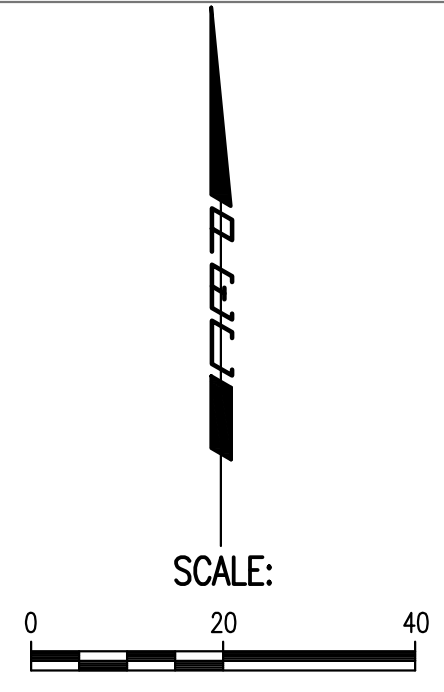
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MABCD REVIEW
STAMP LOCATION



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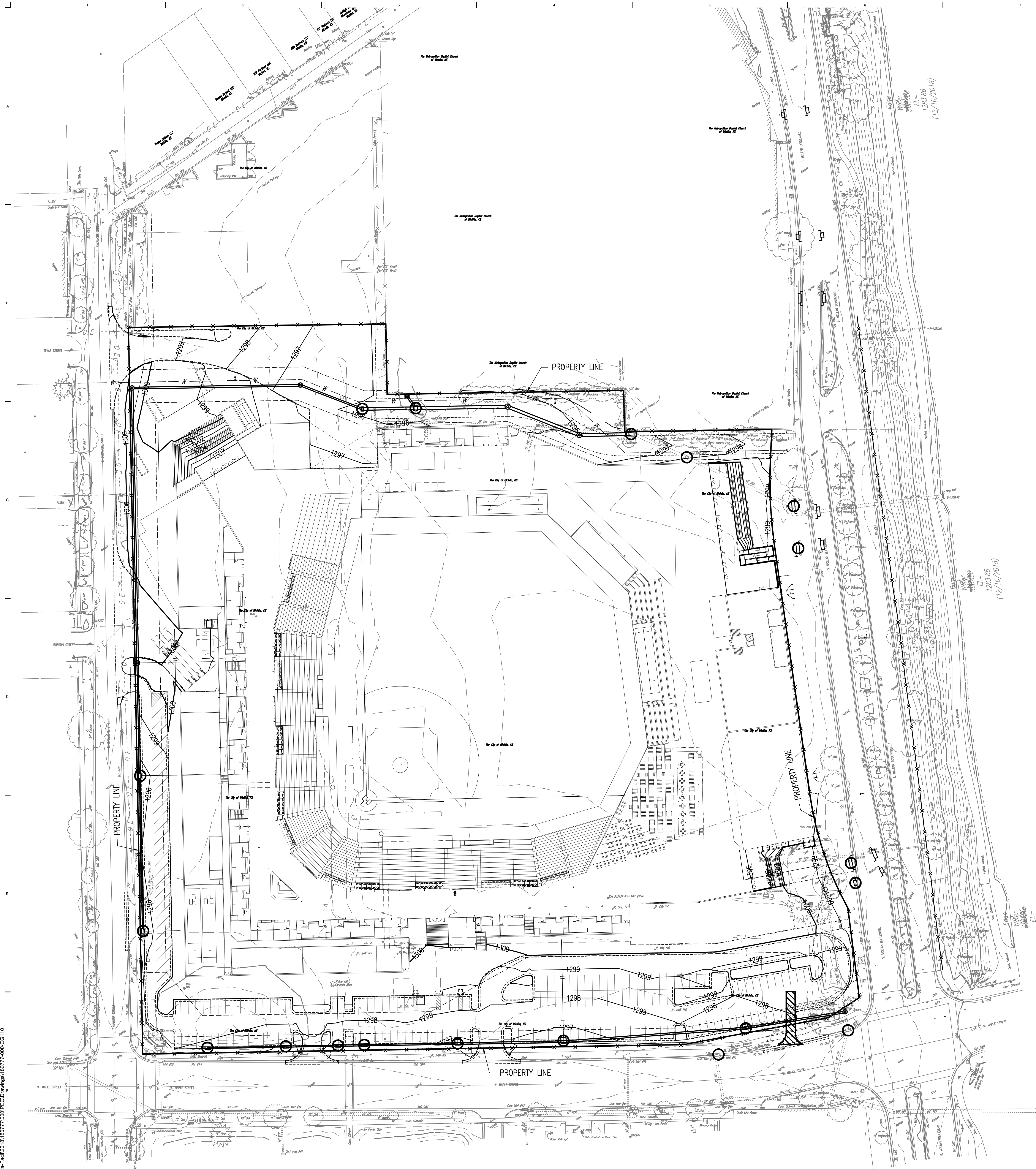
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PROJECT NUMBER
XXXX.XX
INITIAL RELEASE DATE
6/21/2019
GRADING PLAN
AREA A

CG101

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SCALE: 1" = 50'

LEGEND

- INLET PROTECTION
- SILT FENCE BARRIER (TEMPORARY)
- PROPERTY LINE
- STONE CONSTRUCTION ENTRANCE (TEMPORARY)

PROJECT DISTURBED AREA = 15.0 ACRES.

INSPECTION AND MAINTENANCE:
 SILT FENCE DITCH CHECKS SHOULD BE INSPECTED EVERY 7 DAYS
 AND WITHIN 24 HOURS OF A RAINFALL OF 1/2" OR MORE.

EROSION CONTROL NOTES

1. CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION PROTECTION THROUGHOUT THE ENTIRE PROJECT. THE FOLLOWING QUANTITIES ARE FOR INFORMATION ONLY, AND SHALL BE INCLUDED IN THE EROSION CONTROL LUMP SUM BID ITEMS. EROSION PROTECTION SHALL BE INCLUDED IN THE BID AS FOLLOWS:
 CONSTRUCTION ENTRANCE = 1
 SILT FENCE BARRIER = 3350 L.F.
 INLET PROTECTION = 19 EA.
2. THE EROSION CONTROL DEVICES SHOWN ON THIS SHEET ARE CONSIDERED MINIMUM STANDARDS. WHENEVER SEDIMENT ENTERS THE STREETS, STORM SEWERS, DITCHES, OR PONDS, CONTRACTOR WILL INSTALL ADDITIONAL DEVICES, AS NEEDED, TO CORRECT THE PROBLEM.
3. THE EROSION CONTROL DEVICES SHOWN HEREON MUST BE IN PLACE AT ALL TIMES DURING CONSTRUCTION UNTIL SUCH TIME AS THE SITE IS REESTABLISHED WITH PAVING OR GRASS. TEMPORARY OR PERMANENT SEEDING AND MULCH WILL BE INSTALLED WHEN EARTHWORK ACTIVITIES CEASE IN AN AREA FOR 14 DAYS OR MORE.
4. ANY MUD INADVERTENTLY TRACKED ONTO ANY STREET SHALL BE CLEANED UP BY THE CONTRACTOR, AT THE END OF EACH DAY'S WORK, OR AS DIRECTED BY THE FIELD ENGINEER.
5. CONTRACTOR TO FURNISH A TRUCK WASH-OUT PIT TO BE PLACED AT A CONVENIENT LOCATION THAT DOES NOT CONFLICT WITH CONSTRUCTION. CONTRACTOR SHALL CLEAN OUT AND BACKFILL PIT PRIOR TO FINAL INSPECTION. LOCATION SHALL BE APPROVED BY THE FIELD ENGINEER.

MABCD REVIEW
 STAMP LOCATION

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PROJECT NUMBER	5300.00
PACKAGE NUMBER	#1A
EROSION CONTROL PLAN	

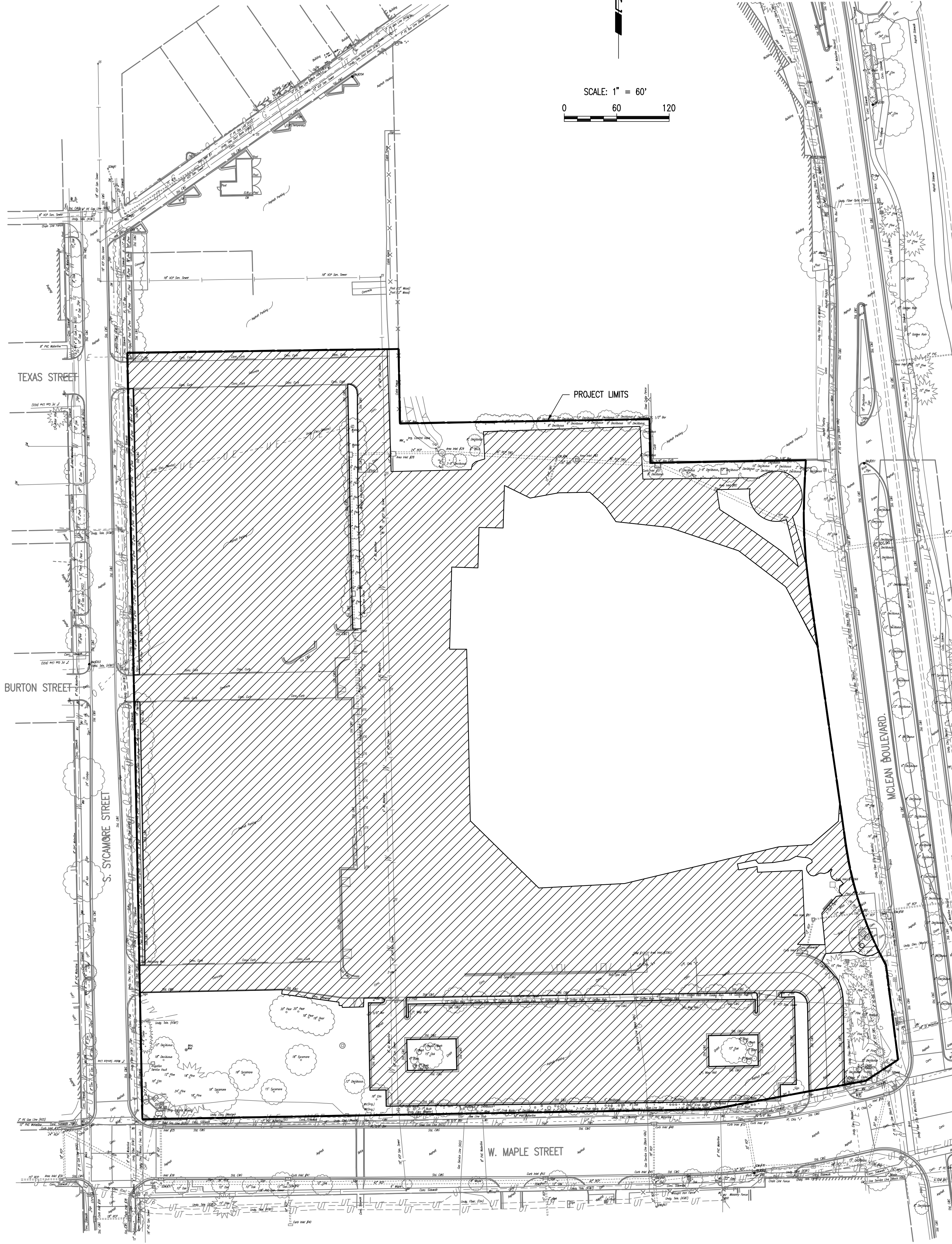
CG110

TOTAL PROJECT AREA = 647,586 S.F. (14.9 AC)
 EXISTING IMPERVIOUS AREA = 417,773 S.F. (9.6 AC)
 EXISTING PERVIOUS AREA = 229,813 S.F. (5.3 AC)

LEGEND

 - EXISTING IMPERVIOUS AREA

SCALE: 1" = 60'
 0 60 120



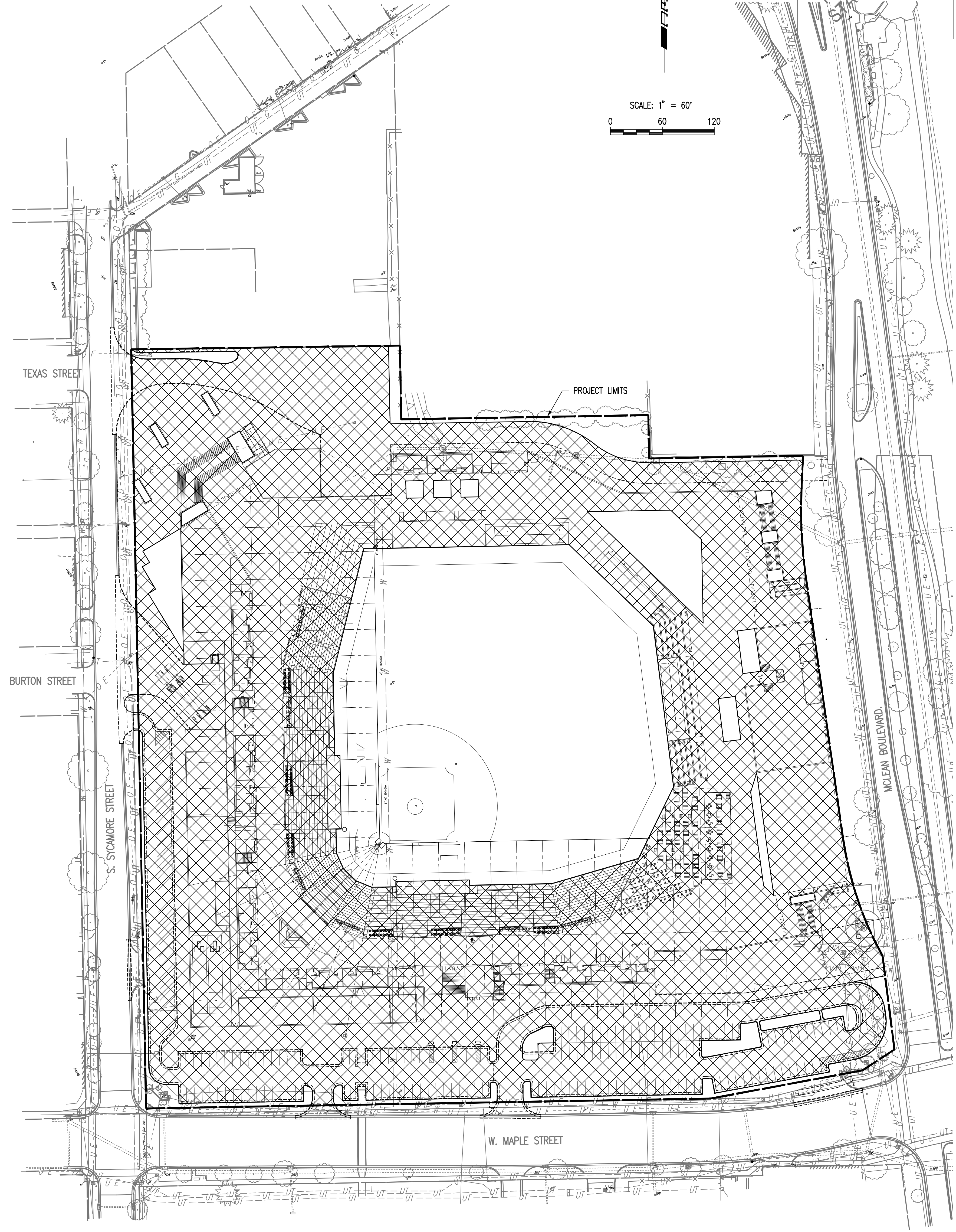
EXISTING CONDITIONS

TOTAL PROJECT AREA = 647,586 S.F. (14.9 AC)
 PROPOSED IMPERVIOUS AREA = 487,120 S.F. (11.2 AC)
 PROPOSED PERVIOUS AREA = 160,466 S.F. (3.7 AC)

LEGEND

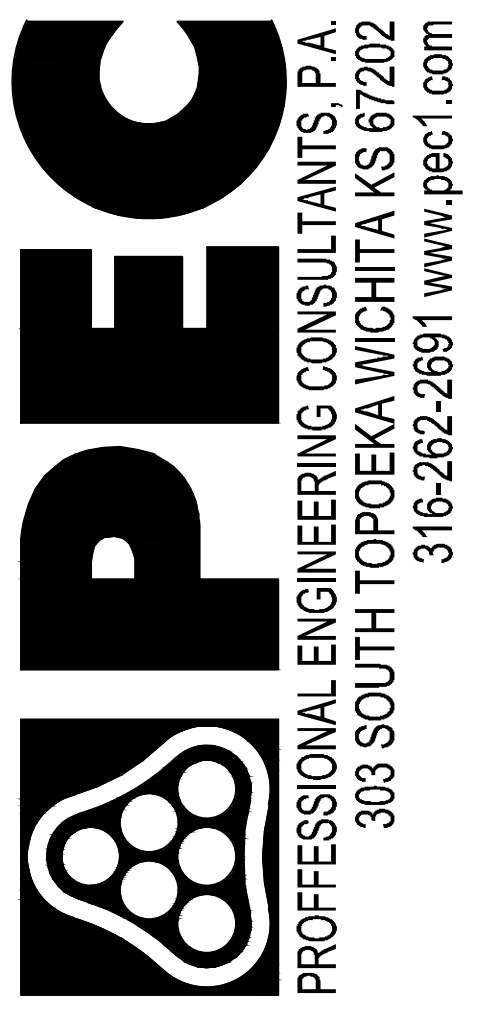
 - PROPOSED IMPERVIOUS AREA

SCALE: 1" = 60'
 0 60 120



PROPOSED CONDITIONS

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PROJECT NUMBER	5300.00
PACKAGE NUMBER	#1A
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CG111