

PUNTED: Wednesday, May 03, 2017 @ 10:15AM

J:\PROJECTS\2017\1707010035_LAHAM_WICHITA_CROSSING_ADD_17035_CROSSINGS CIVIL\SWISS17035_DTDWG

PRIVATE STORM WATER SEWER

TO SERVE

TEXAS ROADHOUSE

2526 N GREENWICH RD.
WICHITA, KS 67226

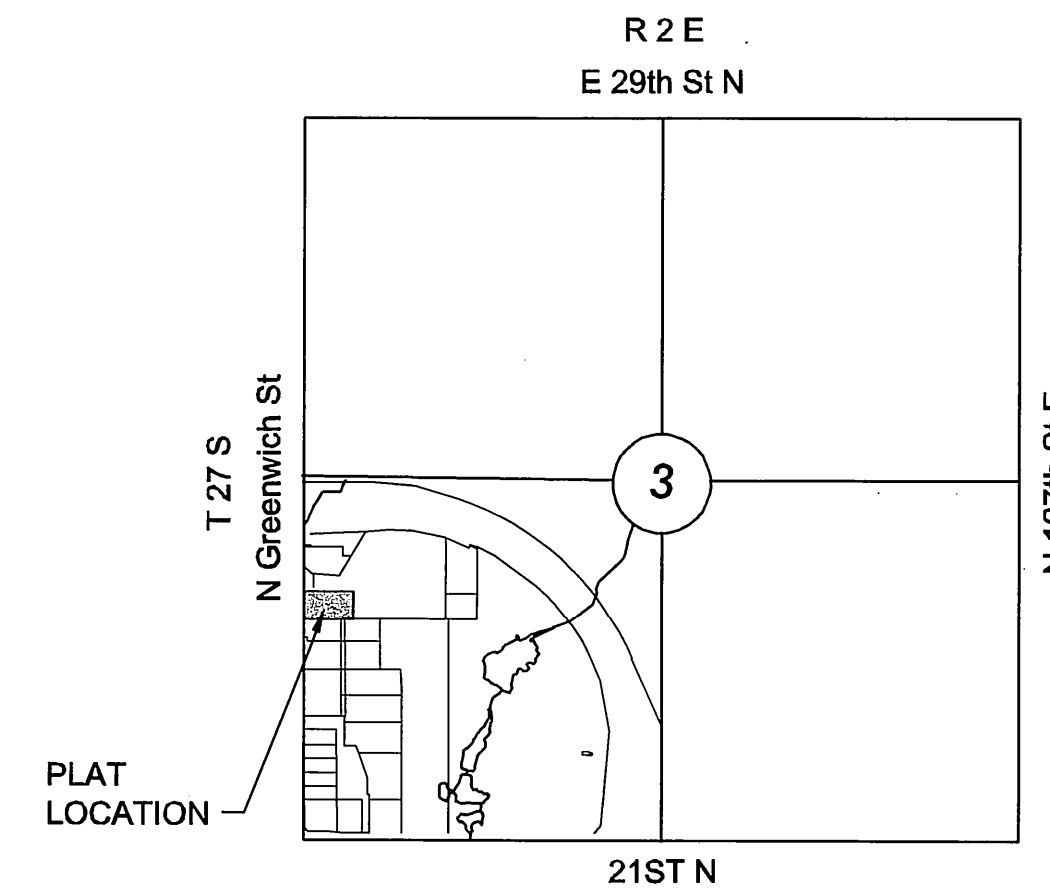
THE CITY OF WICHITA, KANSAS
GARY JANZEN, P.E. - CITY ENGINEER

PROJECT NO.
0452PPD (133119)

AS BUILTS

Contractor: McCullough Excavation
Inspector: Matt Perez
Date: 8-2-2017

KEMILLER
ENGINEERING PA
117 E. Lewis,
Wichita, KS 67202 (316)264-0242



VICINITY MAP

No Scale

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

2. 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 (GAS) | 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 |
| WESTAR ENERGY | 1-800-544-4857 |

3. 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.

4. 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.

5. 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.

6. 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.

7. 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.

8. 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 FIELD GRADES BY THE CONTRACTOR.

9. THE CONTRACTOR SHALL NOTIFY THE CONSULTANT 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.

10. IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, BRIAN COON AT traffic@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 CONTRACTOR'S RESPONSIBILITY.

11. ALL ELEVATIONS SHOWN ARE NAVD 88.

12. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.

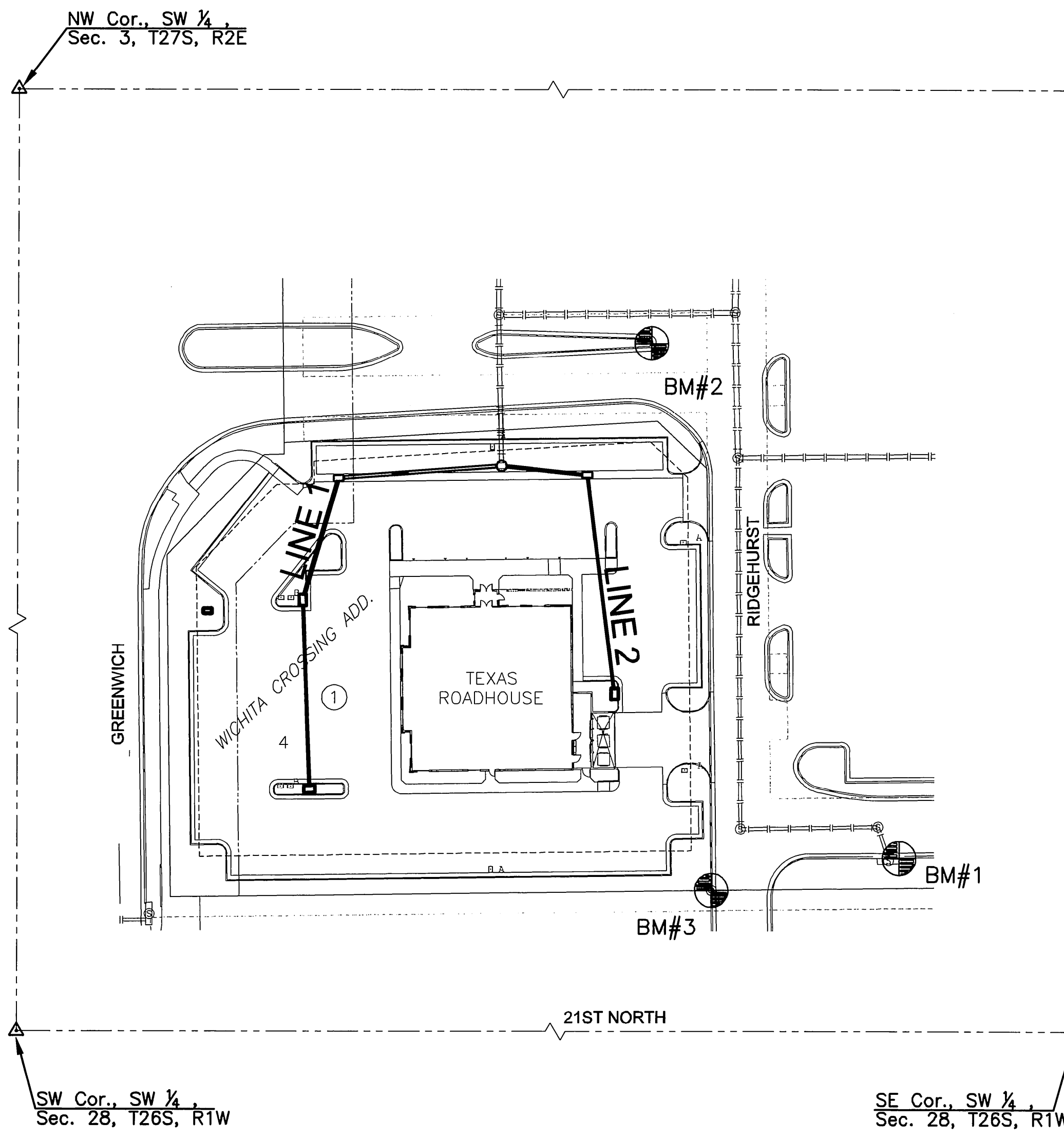
13. ANY SIDEWALK, DRIVE APPROACH, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY CITY CONTRACTOR. PERMITS CAN BE OBTAINED BY CALLING 316-268-4501 OR 316-268-4480.

14. CITY MAINTENANCE OF STORM SEWER ENDS AT THE LAST STRUCTURE IN THE EASEMENT OR RIGHT-OF-WAY.

15. FOLLOW THE LINK BELOW FOR SPECIFIC CITY OF WICHITA STANDARD DETAILS:
<http://www.wichita.gov/government/departments/pwu/standardsconstruction>
SW-501, SW-502, SW-503, SW-504, & SW-505

16. CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 90 FEET.

17. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.



LOT LEGAL DESCRIPTION
LOT 4 BLOCK 1
WICHITA CROSSING ADDITION

BENCHMARKS

- BM#1 PK Nail and Washer in northeast corner of curb inlet on south side of very south access drive south of parking area for Academy Sports store. 96.6 feet east of southeast corner of subject property being Lot 4, Block 1, Wichita Crossing Addition. Elevation=1374.49 NAVD 88
- BM#2 PK Nail and Washer on top of curb in east nose of second island east of Greenwich Rd. on access drive along north side of subject property, 39 feet north of very northeast property corner, being Lot 4, Block 1, Wichita Crossing Addition. Elevation=1374.56 NAVD 88
- BM#3 Plus Cut top of curb being the southeast boundary corner of subject property. Southeast corner of Lot 4, Block 1, Wichita Crossing Addition. Elevation=1375.85 NAVD 88

LEGEND

- EXISTING STORM SEWER
- PROPOSED STORM SEWER



SCALE: 1"=50'
0 50 100

INDEX TO DRAWINGS

| SHEET NO. | DESCRIPTION |
|-------------|---------------------------------|
| 01 | TITLE SHEET |
| 02 | LINE 1 |
| 03 | LINE 2 |
| 04-06 | DETAILS |
| C-200 | GRADING PLAN (INFORMATION ONLY) |
| C-201-C-202 | EROSION PLAN (INFORMATION ONLY) |

Stormwater Certification:
New Development

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.

Disturbed Area= 1.4 AC.
Water Quality Treatment: Pond
Downstream Channel Protection: Pond
Detention: See "Wichita Crossing" Stormwater Drainage Report
The BMP used for this development is seeding and detention pond.

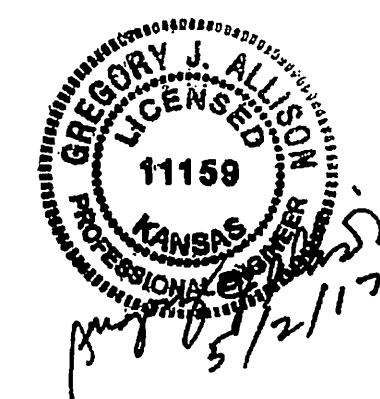
APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering *Rebecca Luf* 5/12/17
Storm Water *Joe Hinkle PE* 5/16/17

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 by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer. 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.



STORM WATER SEWER PLAN FOR
TEXAS ROADHOUSE

TITLE SHEET

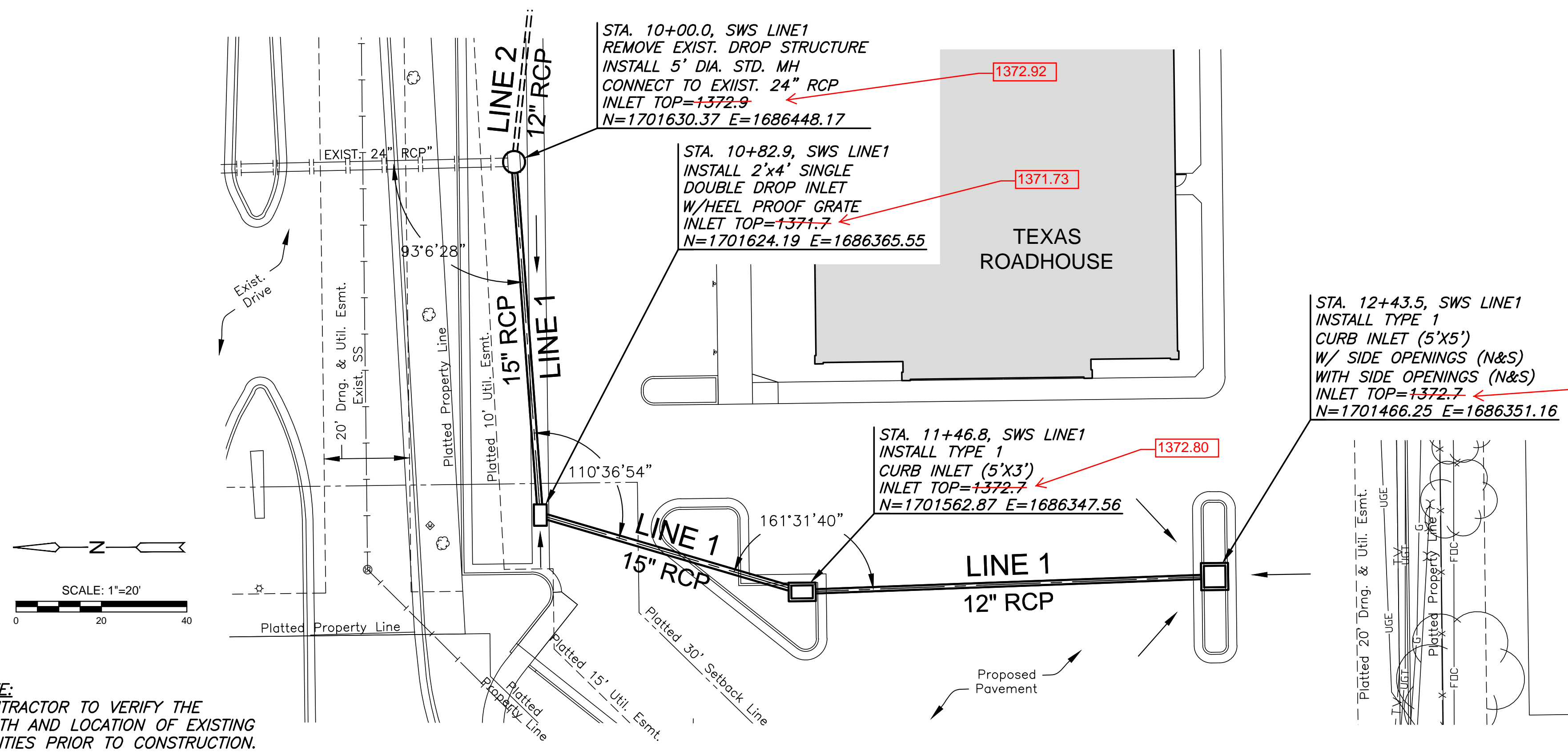
| | |
|-------------|----------|
| PROJECT NO. | 0452PPD |
| DATE | MAY 2017 |
| SCALE | 1" = 50' |
| DESIGNED | DFL |
| DRAWN | DFL |
| CHECKED | GJA |

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |

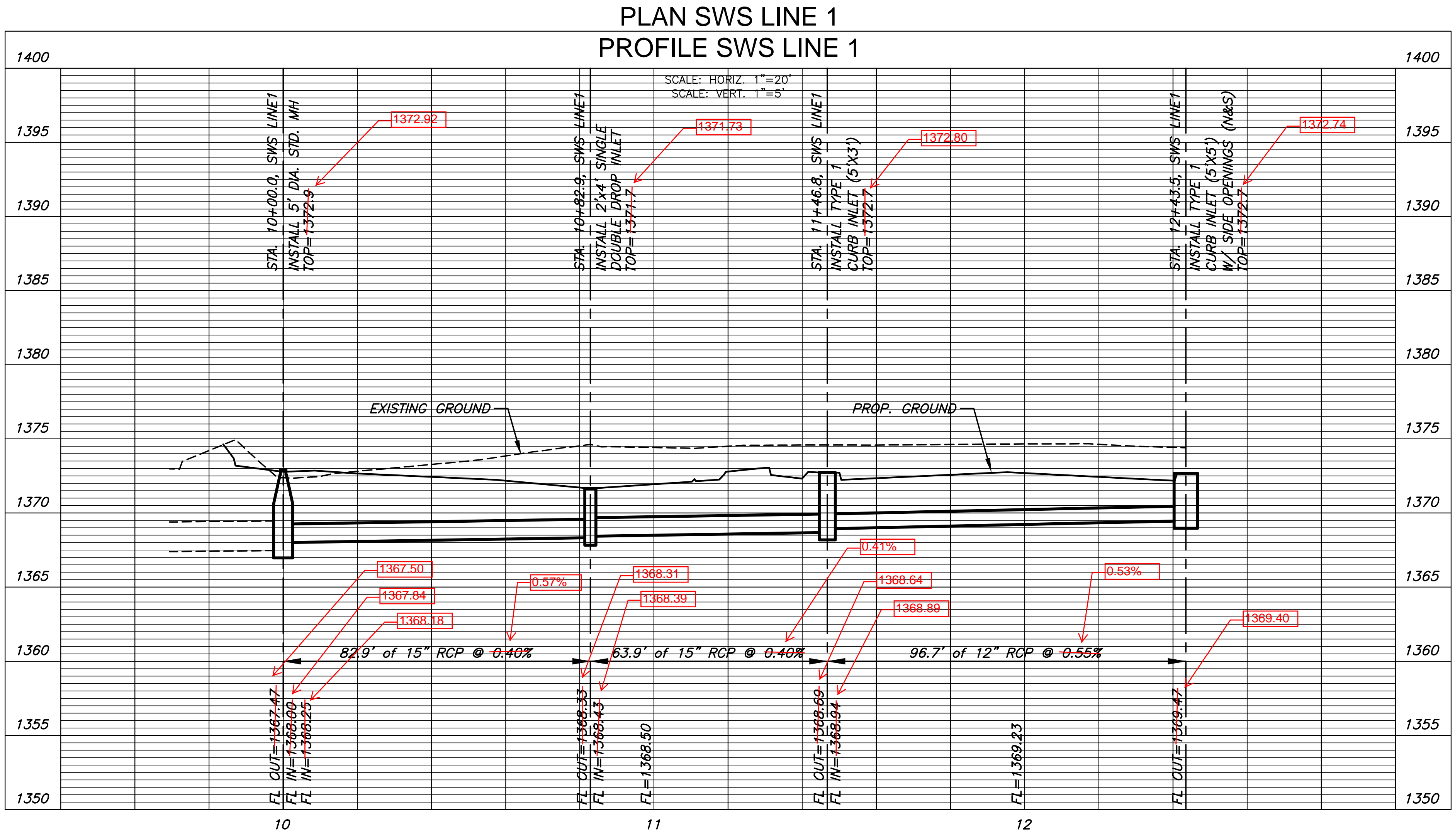
SHEET NO.

PLOTTED: Tuesday, May 02, 2017 @ 11:52AM

J:\PROJECTS\2017\1701010085_LAHAM_WICHITA_CROSSING_ADDL_17036_CAD\SHOTS\05_CIVIL\SWS\17035_D1.DWG



NOTE:
CONTRACTOR TO VERIFY THE
DEPTH AND LOCATION OF EXISTING
UTILITIES PRIOR TO CONSTRUCTION.



AS BUILTS

Contractor: McCullough Excavation
Inspector: Matt Perez
Date: 8-2-2017

KEMILLER
ENGINEERING PA

117 E. Lewis,
Wichita, KS 67202 (316)264-0242



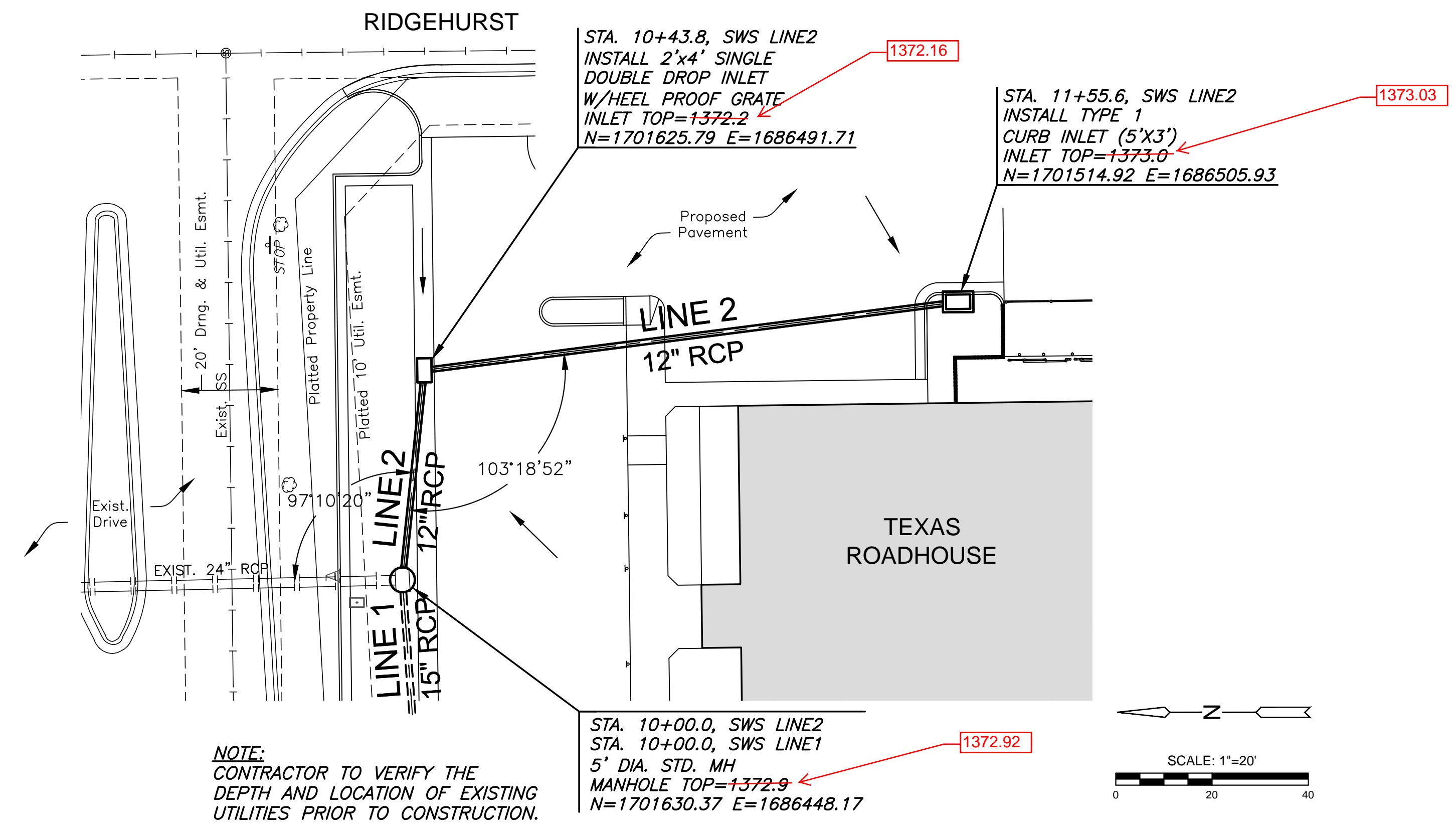
STORM WATER SEWER PLAN FOR
TEXAS ROADHOUSE

©2017 MKEC Engineering All Rights Reserved
These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

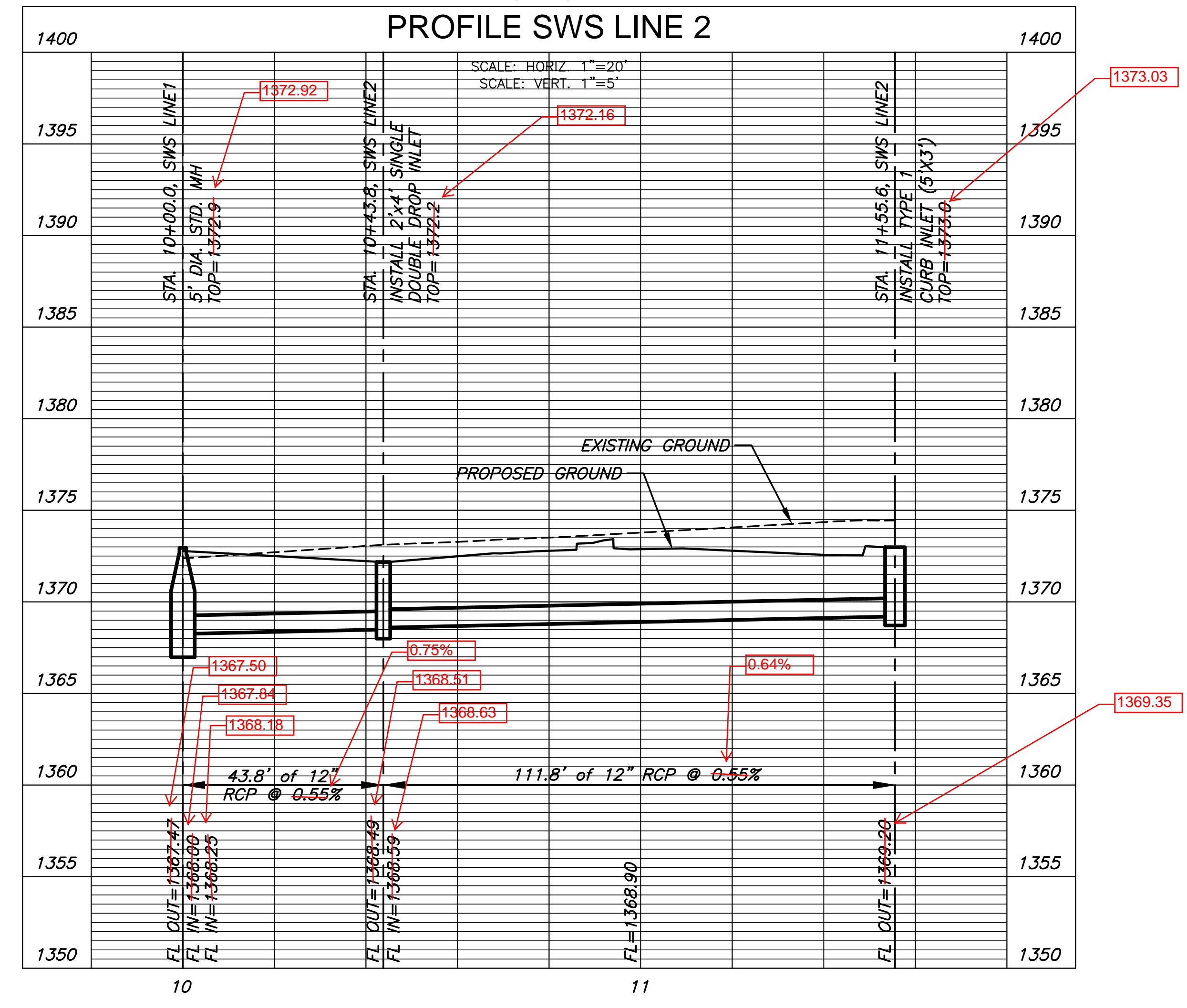
| | |
|-------------|----------|
| SWS LINE 1 | |
| PROJECT NO. | 0452PPD |
| DATE | MAY 2017 |
| SCALE | 1" = 20' |
| DESIGNED | DRAWN |
| DFL | DFL |
| CHECKED | GJA |
| NO. | REVISION |
| | DATE |
| SHEET NO. | |
| 02 OF 06 | |

PLOTTED: Tuesday, May 02, 2017 @ 11:54AM

J:\PROJECTS\2017\1010085_LAHAM_WICHITA_CROSSING_ADDL_17036_CADD\SH17035_01\WLS\W17035_02.DWG



PLAN SWS LINE 2



AS BUILTS

Contractor: McCullough Excavation
Inspector: Matt Perez
Date: 8-2-2017

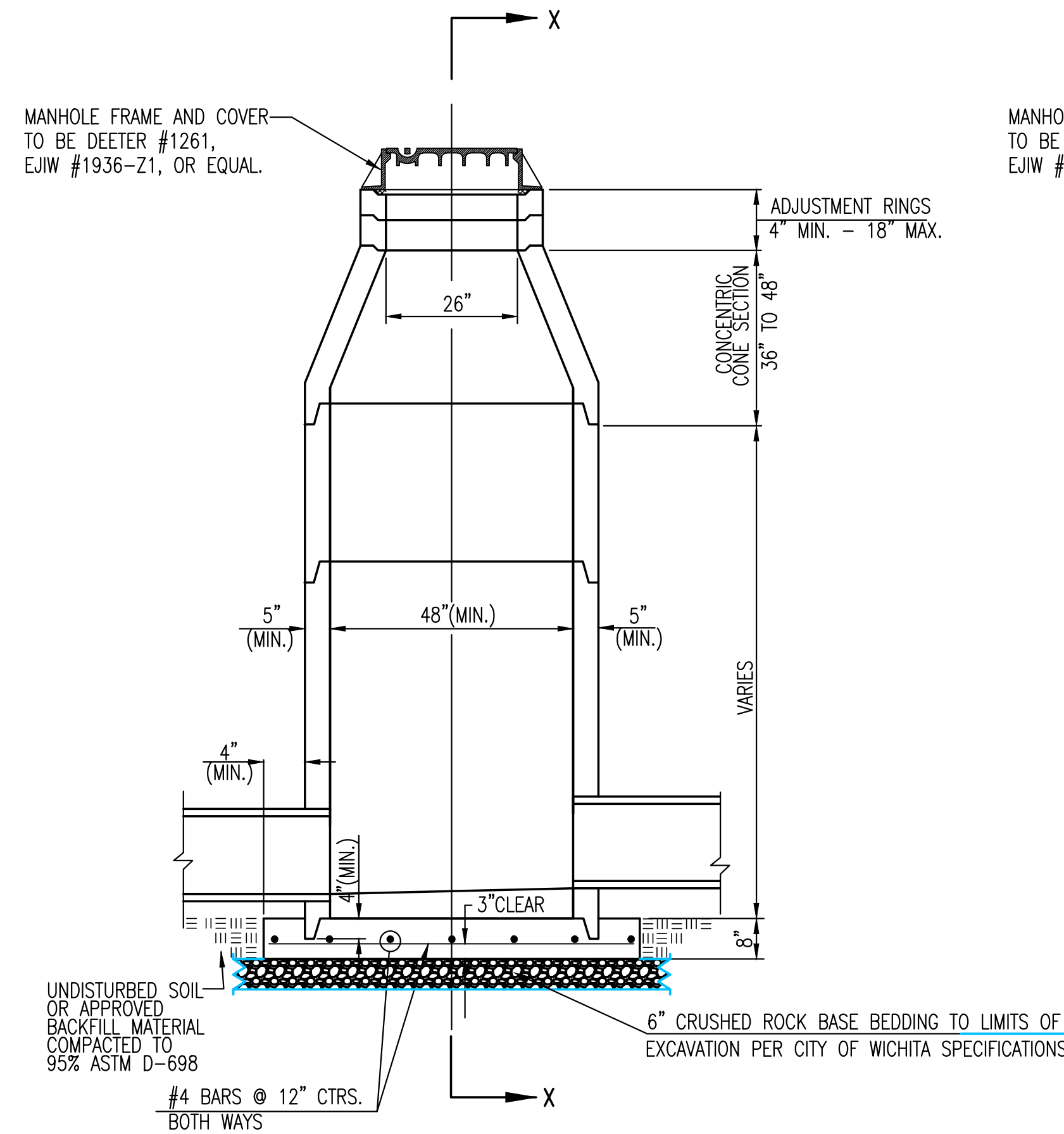
117 E. Lewis,
Wichita, KS 67202 (316)264-0242



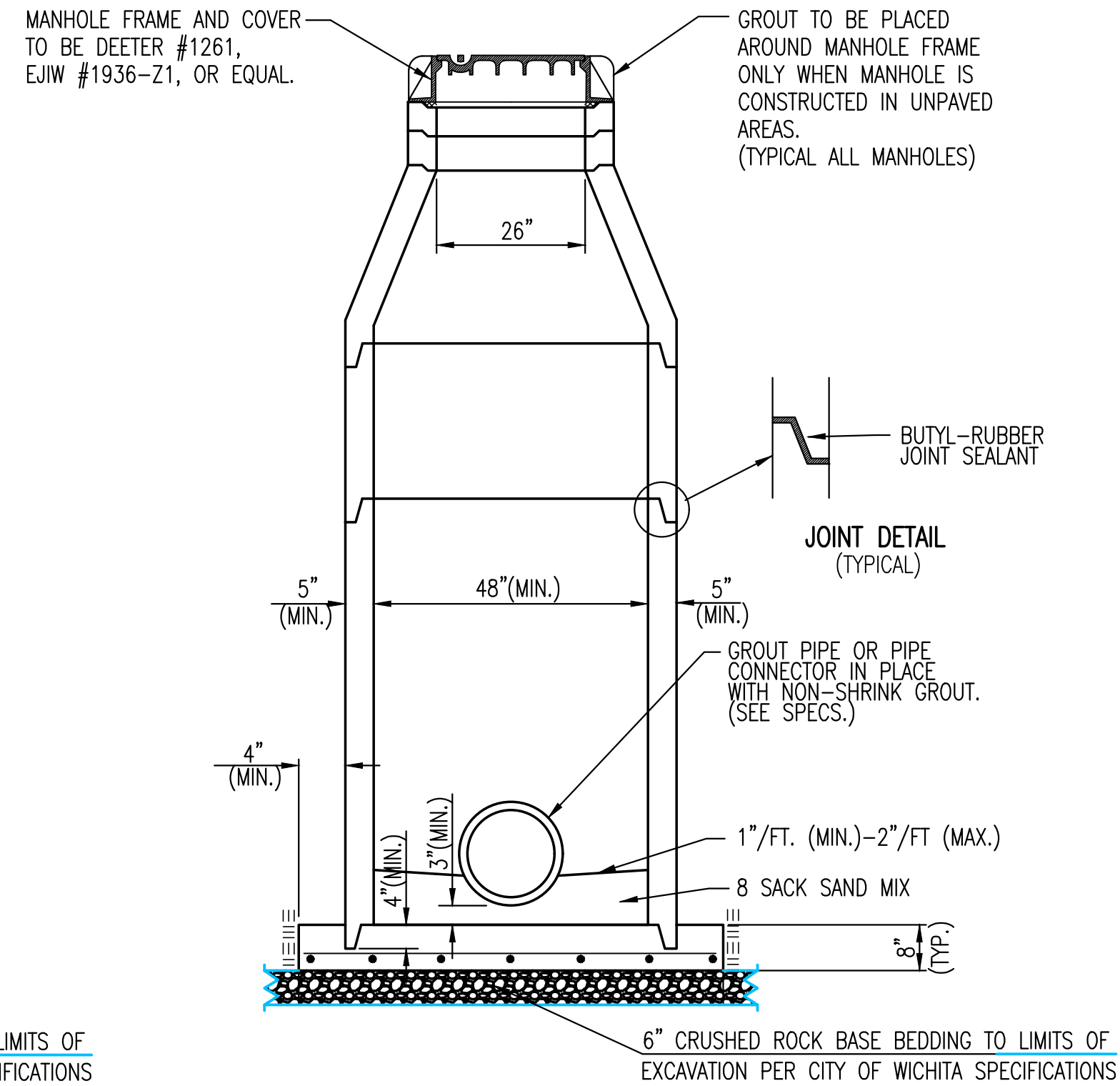
STORM WATER SEWER PLAN FOR
TEXAS ROADHOUSE

©2017
MKEC Engineering
All Rights Reserved
www.mkec.com
These drawings and their contents, including, but not limited to, all concepts, designs, & ideas are the exclusive property of MKEC Engineering (MKEC), and may not be used or reproduced in any way without the express consent of MKEC.

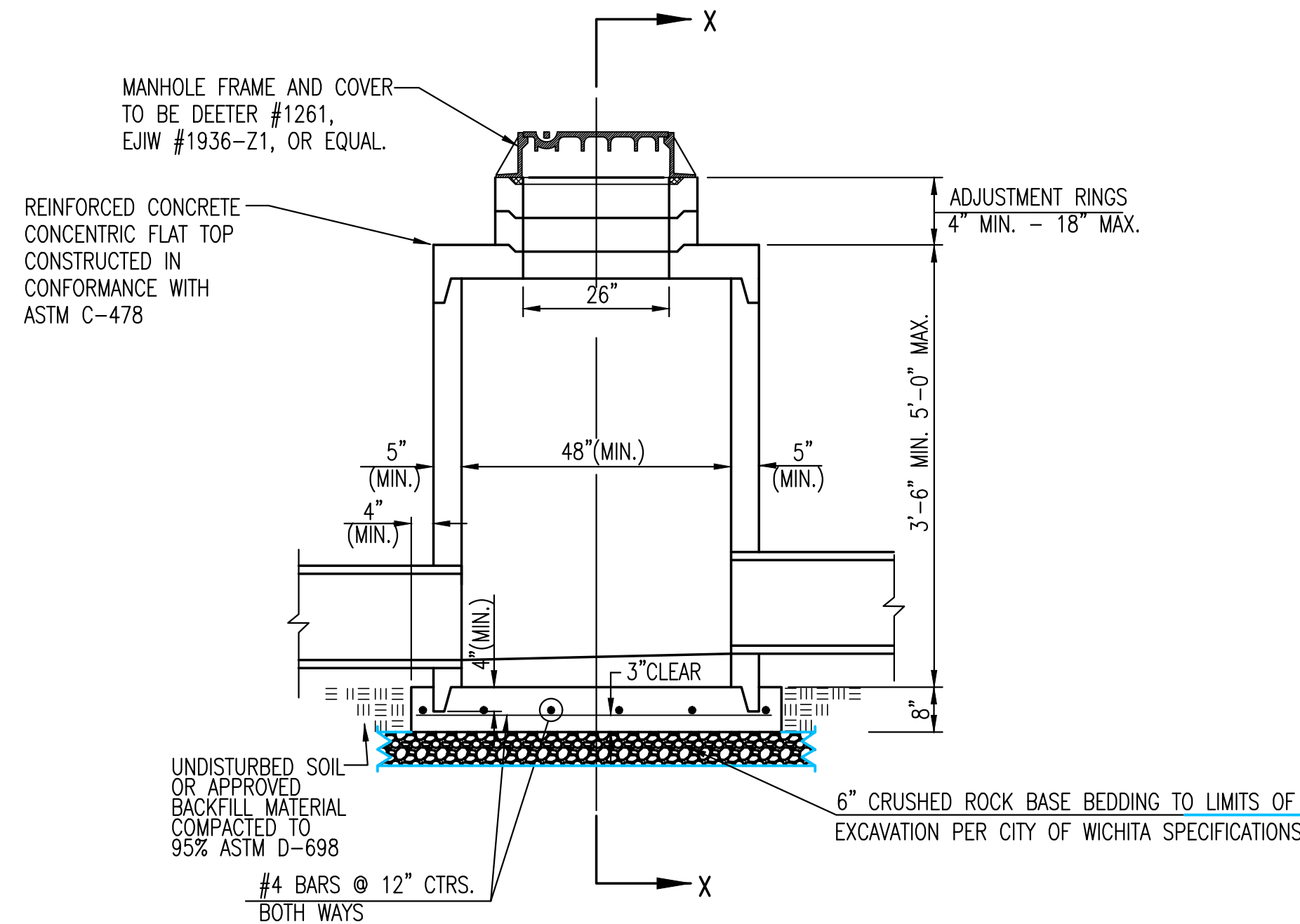
| SWS LINE 2 | | |
|-------------|----------|---------|
| PROJECT NO. | 0452PPD | |
| DATE | MAY 2017 | |
| SCALE | 1" = 20' | |
| DESIGNED | DRAWN | CHECKED |
| DFL | DFL | GJA |
| NO. | REVISION | DATE |
| SHEET NO. | | |
| 03 OF 06 | | |



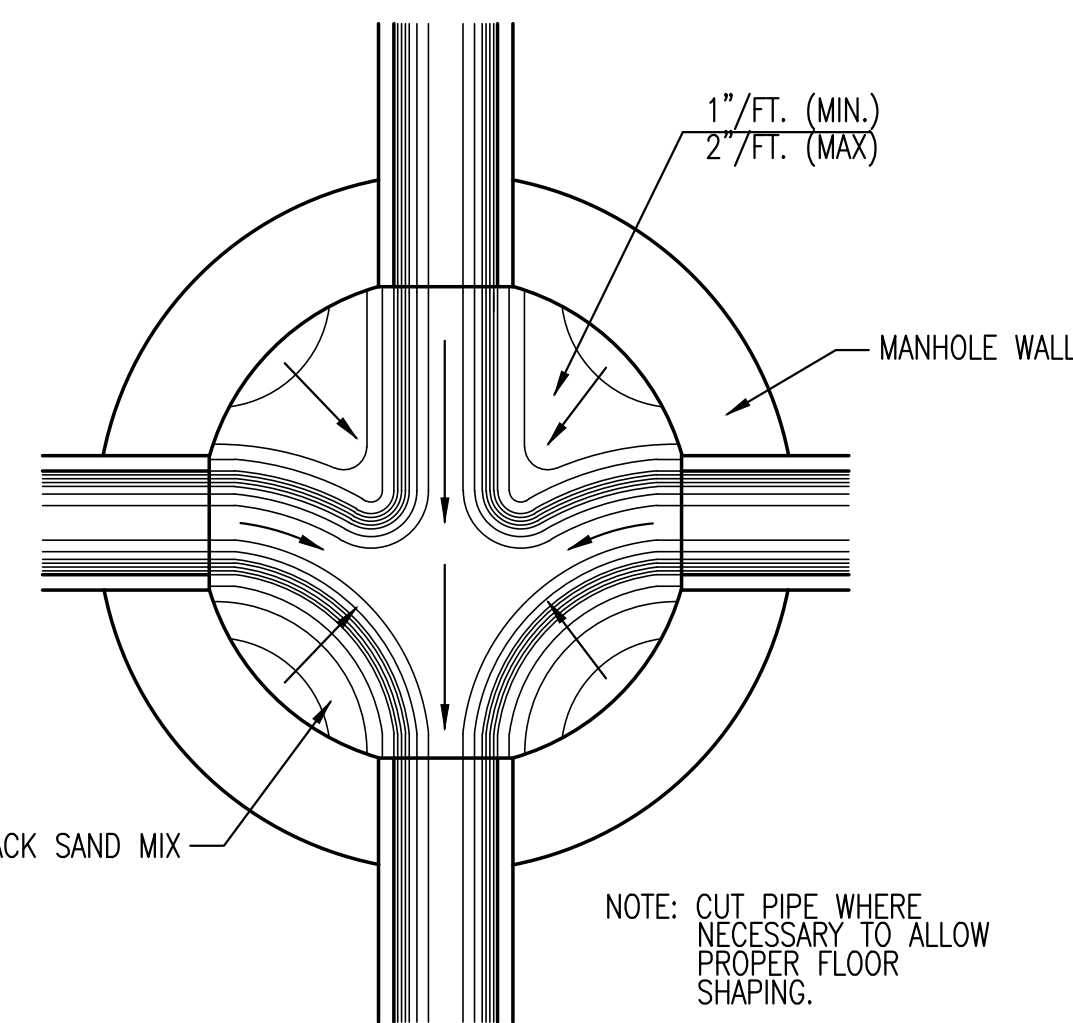
PRECAST STANDARD MANHOLE TYPE "A"



SECTION X-X (TYPICAL)



PRECAST SHALLOW MANHOLE TYPE "B"



TYPICAL MANHOLE FLOOR SHAPING

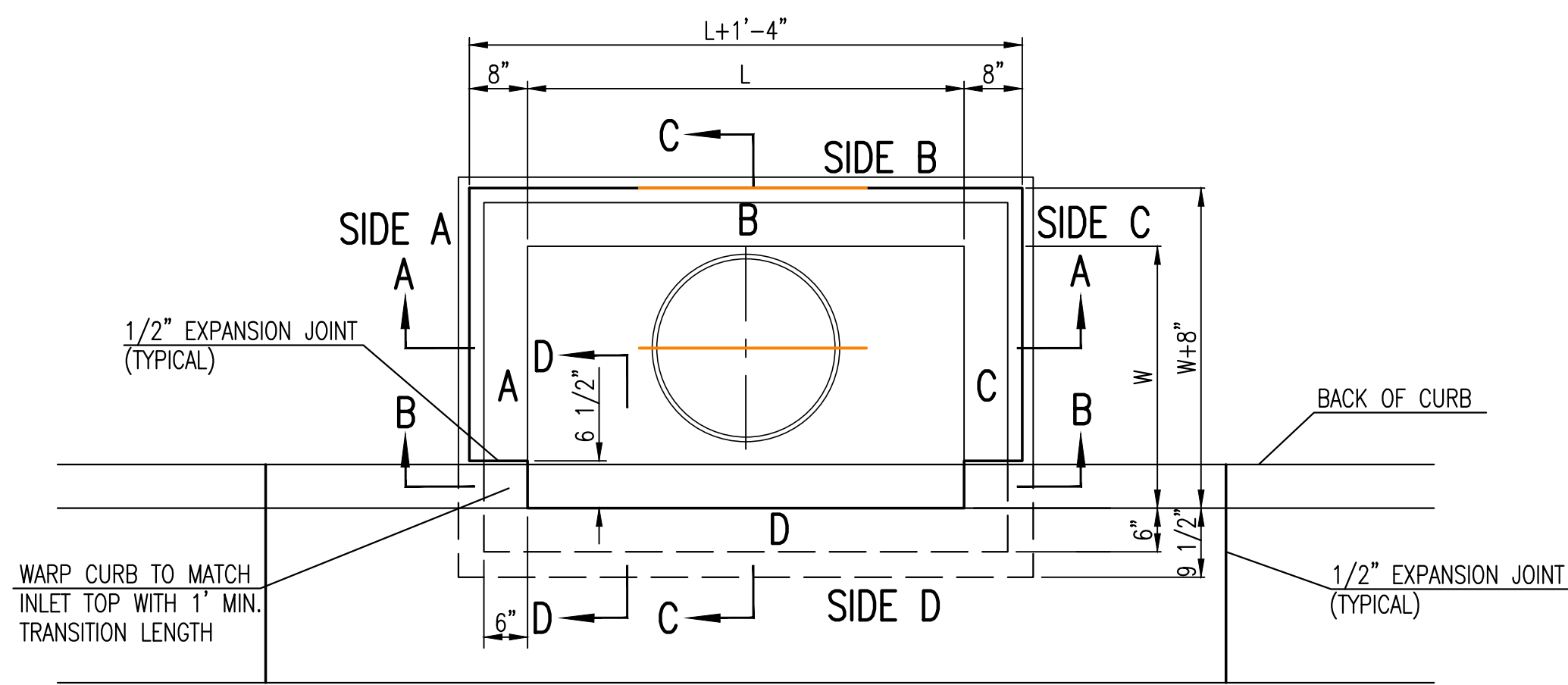
GENERAL NOTES

- 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 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

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

| | | |
|--|------------|----------|
| <p>PRECAST CONCRETE MANHOLE (STORM SEWER)</p> <p>CITY ENGINEER GARY JANZEN, P.E.</p> | | |
| PROJECT NUMBER | OCA NUMBER | DATE |
| 0452PPD | ---- | 03/2017 |
| CITY ENGINEER'S OFFICE | | SHEET |
| CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501 | | 04 OF 06 |



TOP VIEW

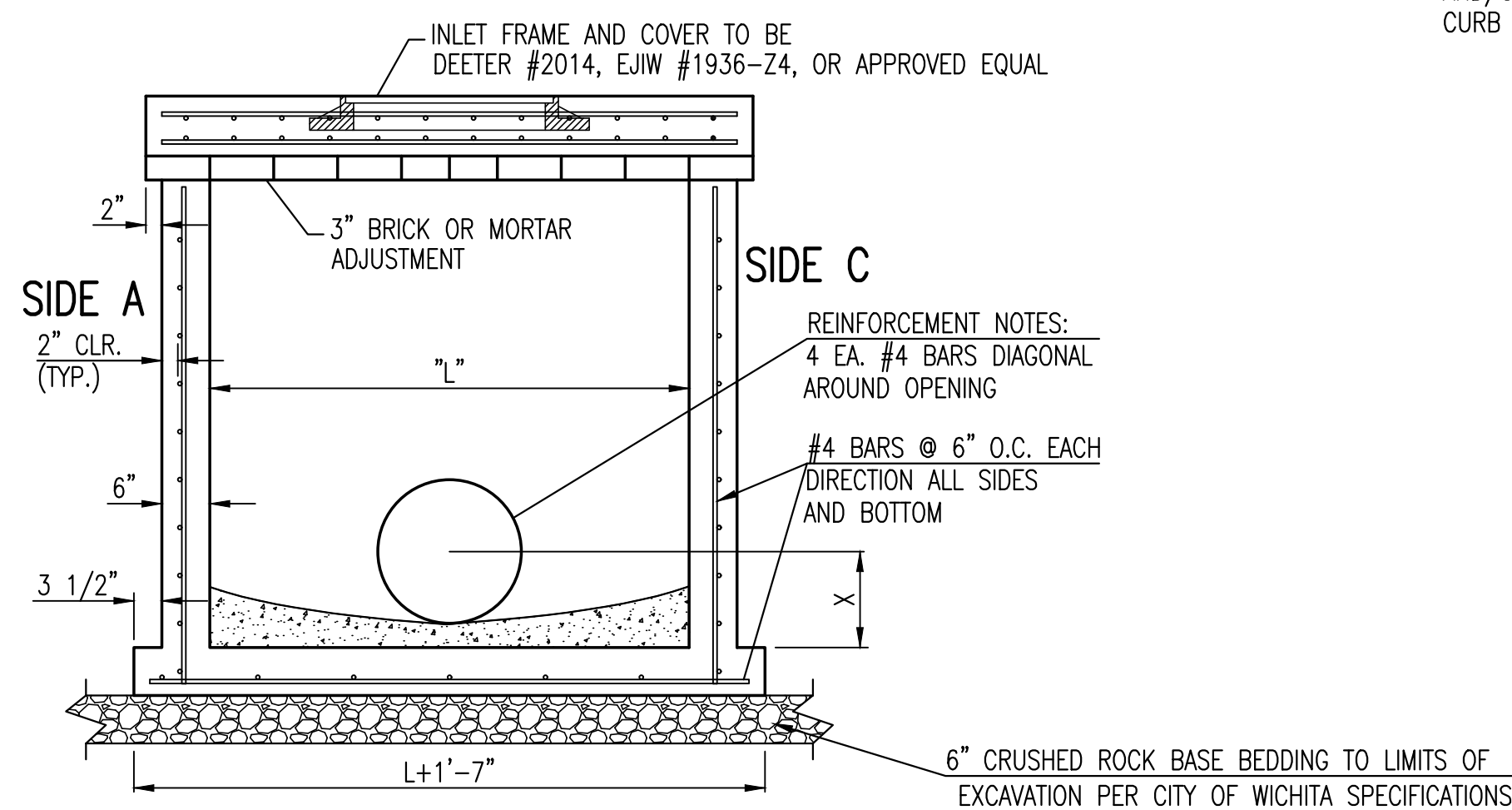
| BAR SCHEDULE | | |
|---------------|---------|---------|
| INLET OPENING | B1 BARS | SPACING |
| 5'-0" | #4 | 4" |
| 10'-0" | #6 | 3.5" |

| W | PRE-CAST TOP SIZE | | | PIPE DIA.** |
|-------|-------------------|---------|--------|---------------|
| | WIDTH | LENGTH | TOP | |
| 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" |

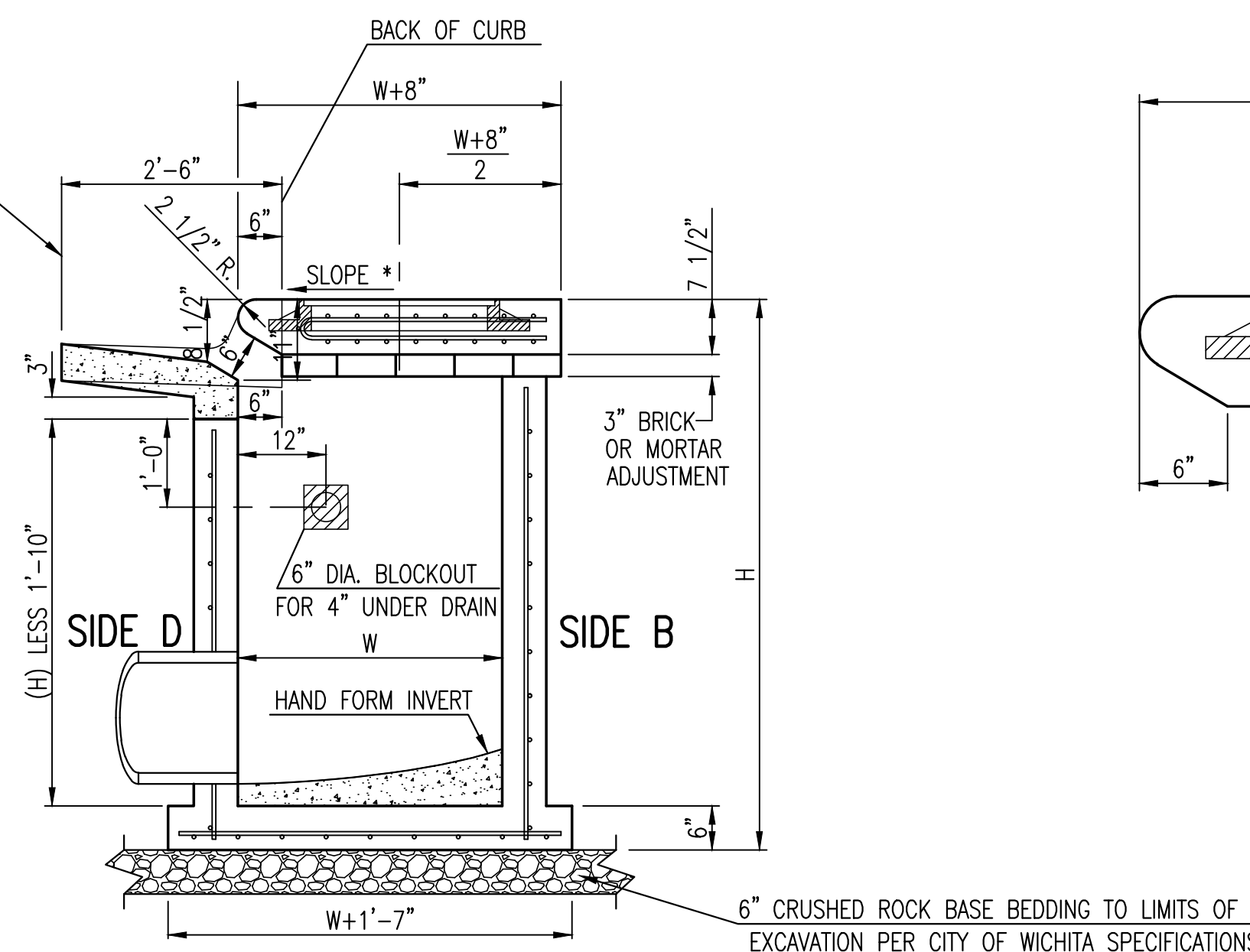
** FOR PIPES PERPENDICULAR TO INLET WALL

GENERAL NOTES

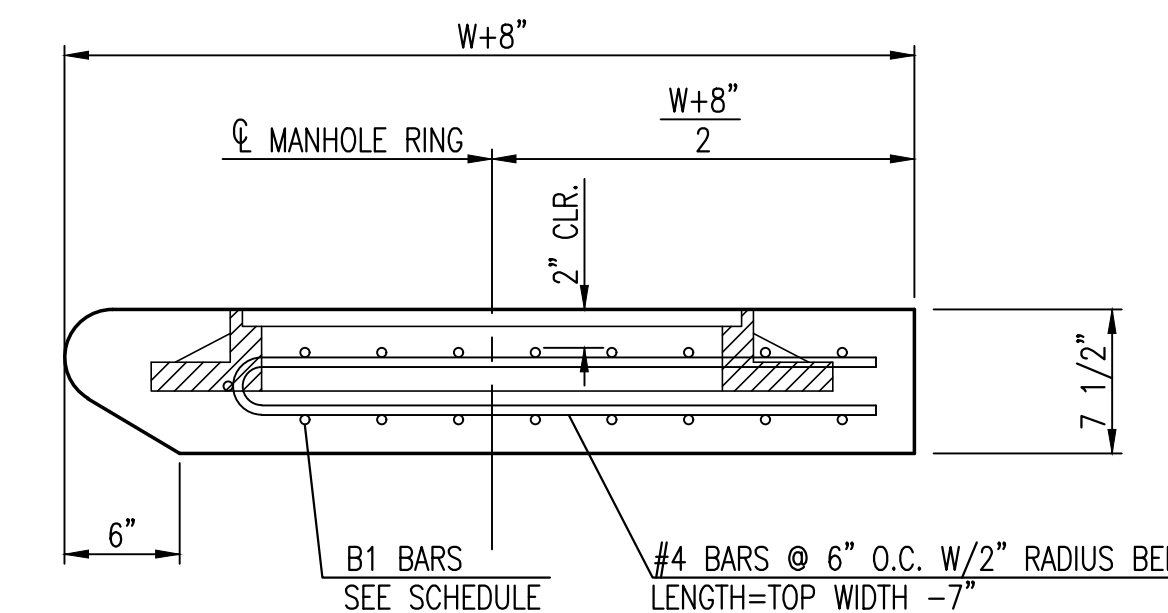
- CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
- CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 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, SEE SW-303.
- 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.



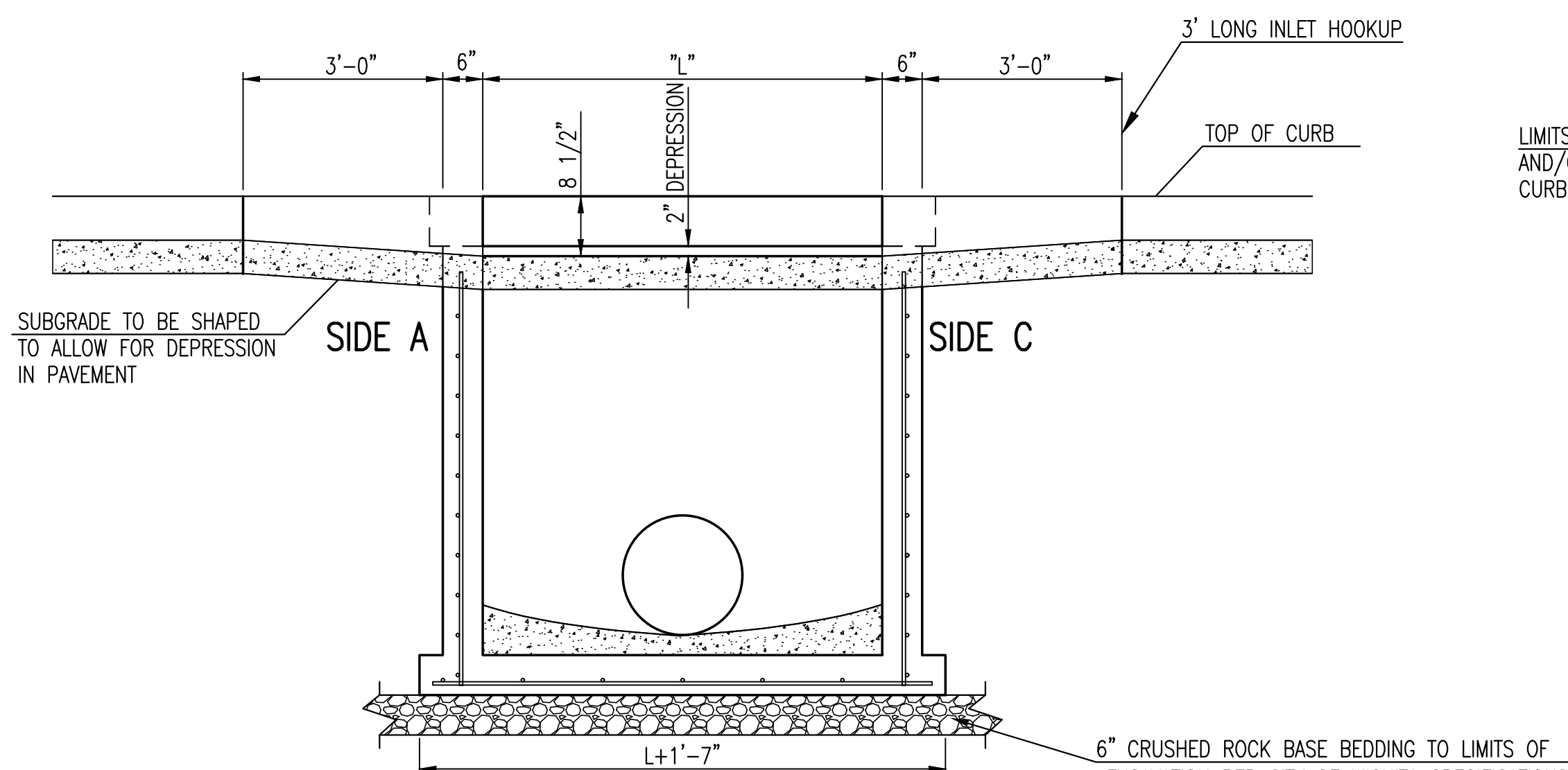
SECTION "A-A"



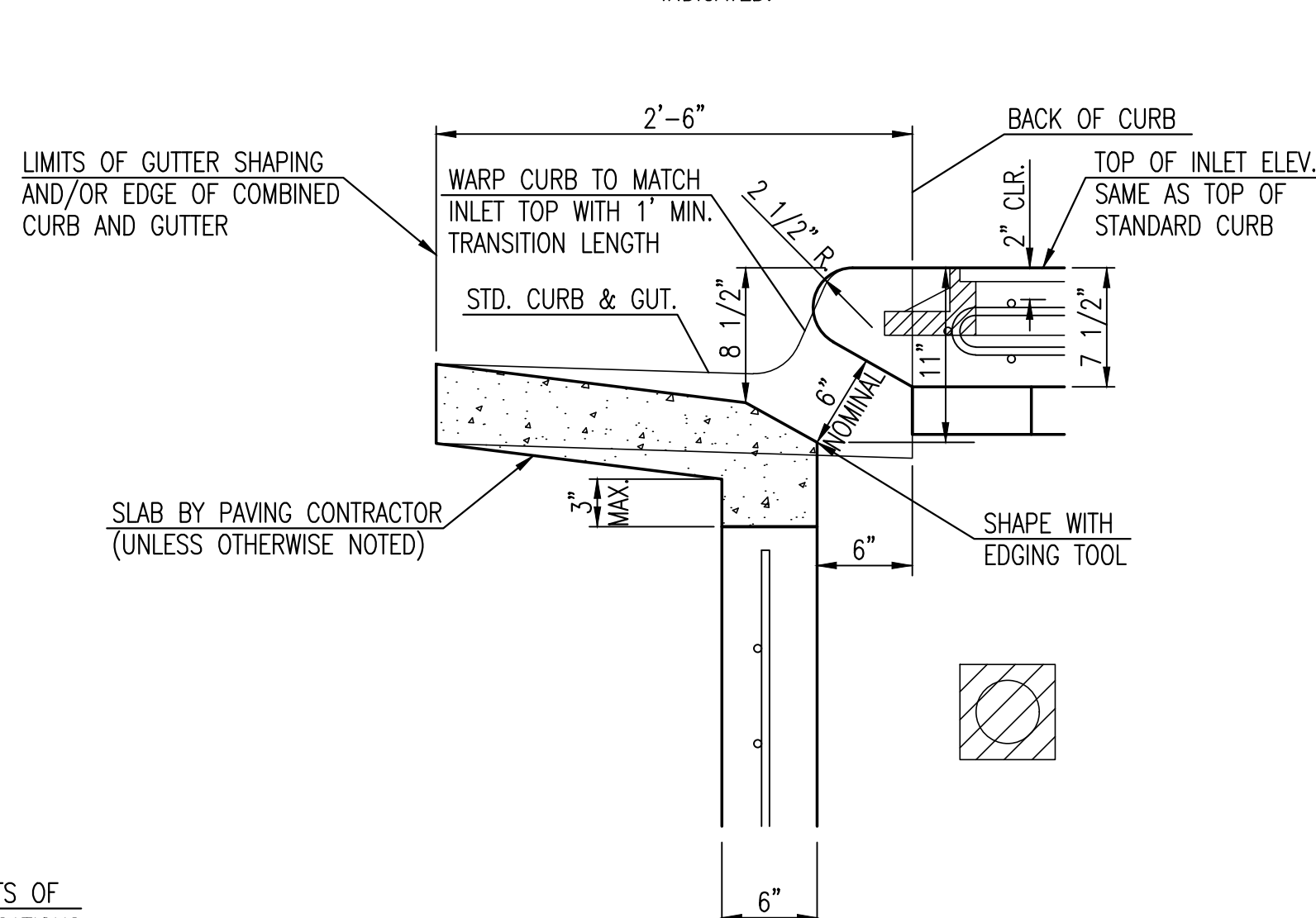
SECTION "C-C"



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



SECTION "B-B"

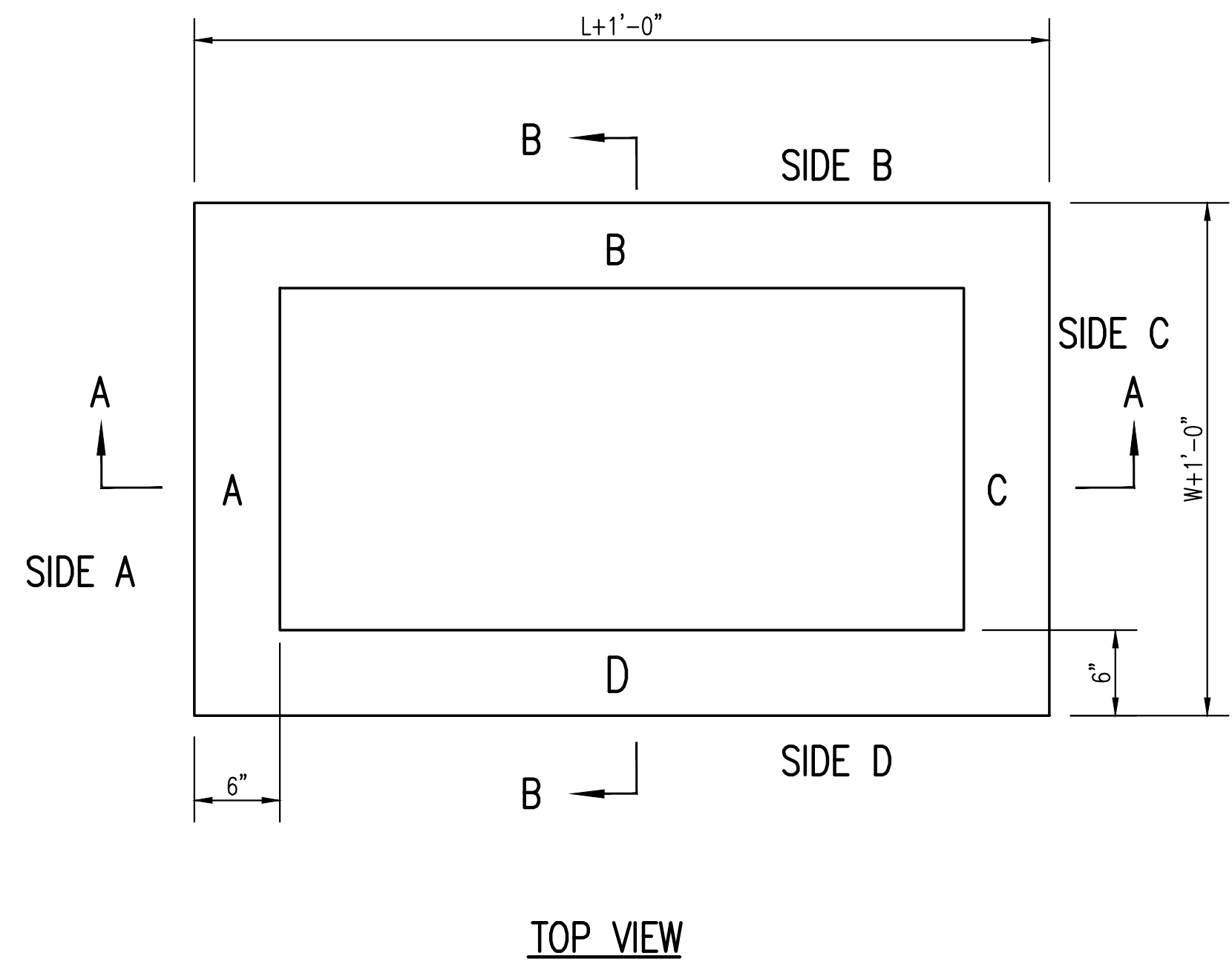


SECTION "D-D"

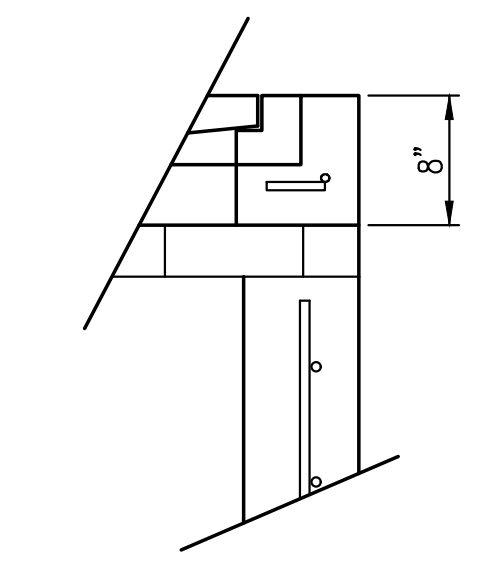
Saved 04-11-2017 10:45:52 AM by CODY J
 Plot Scale 1:1 05-02-2017 11:54:33 AM by JEFF CODY
 J:\Projects\2017\1701010035_Lahom_Wichita_Crossing Ad...17035 CAD\SHITS\05 Civil\Sw\17035_D02



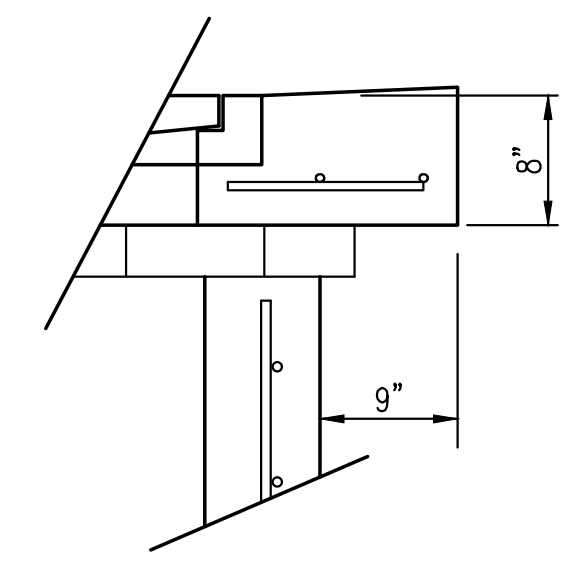
| | | |
|--|--------------------|--------------------------|
| REVISED: MARCH 2015 STANDARD TYPE 1 CURB INLET 5'-0" OR 10'-0" OPENING | | |
| CITY ENGINEER GARY JANZEN, P.E. | | |
| PROJECT NUMBER 0452PPD | OCA NUMBER ---- | DATE 03/2017 |
| CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501 | | SHEET 05 OF 06 |



TOP VIEW

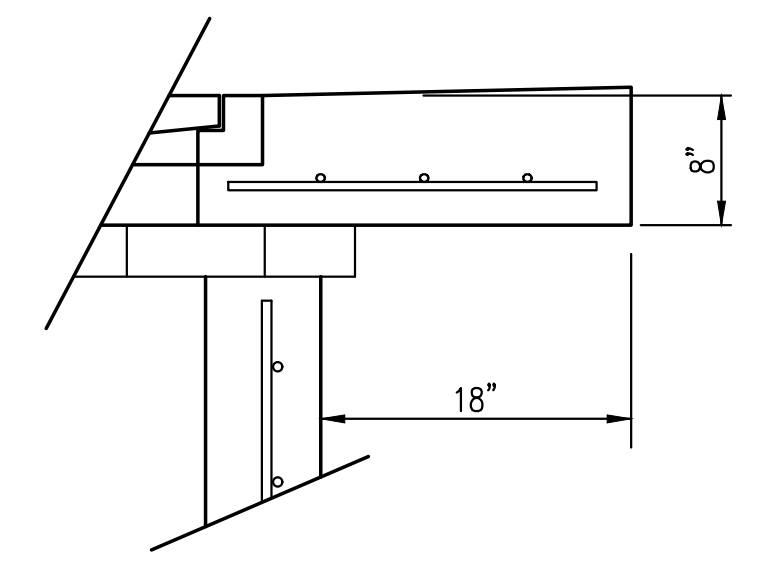


FLUSH STYLE TOP
NO APRON



9" APRON

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



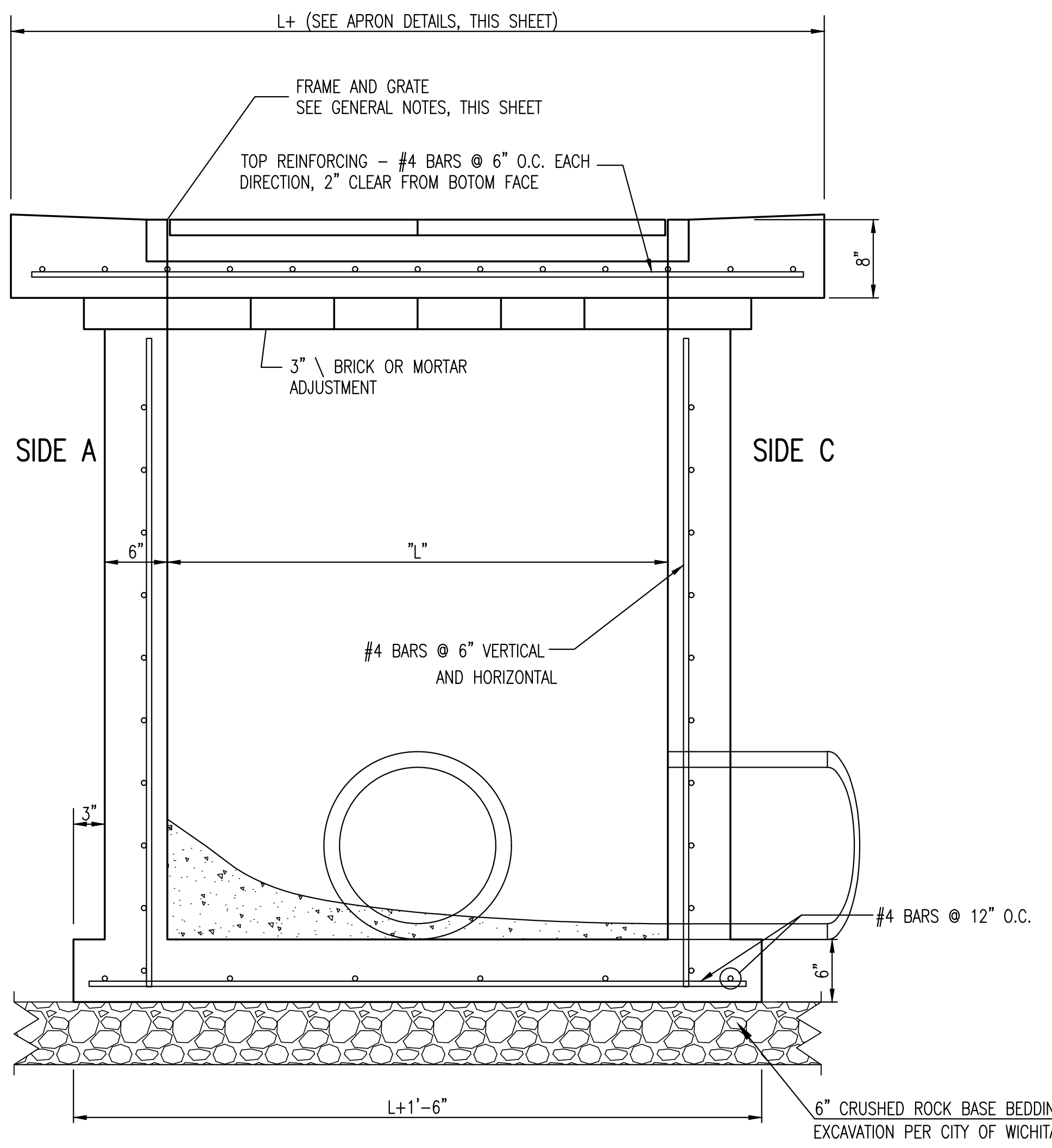
18" APRON

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

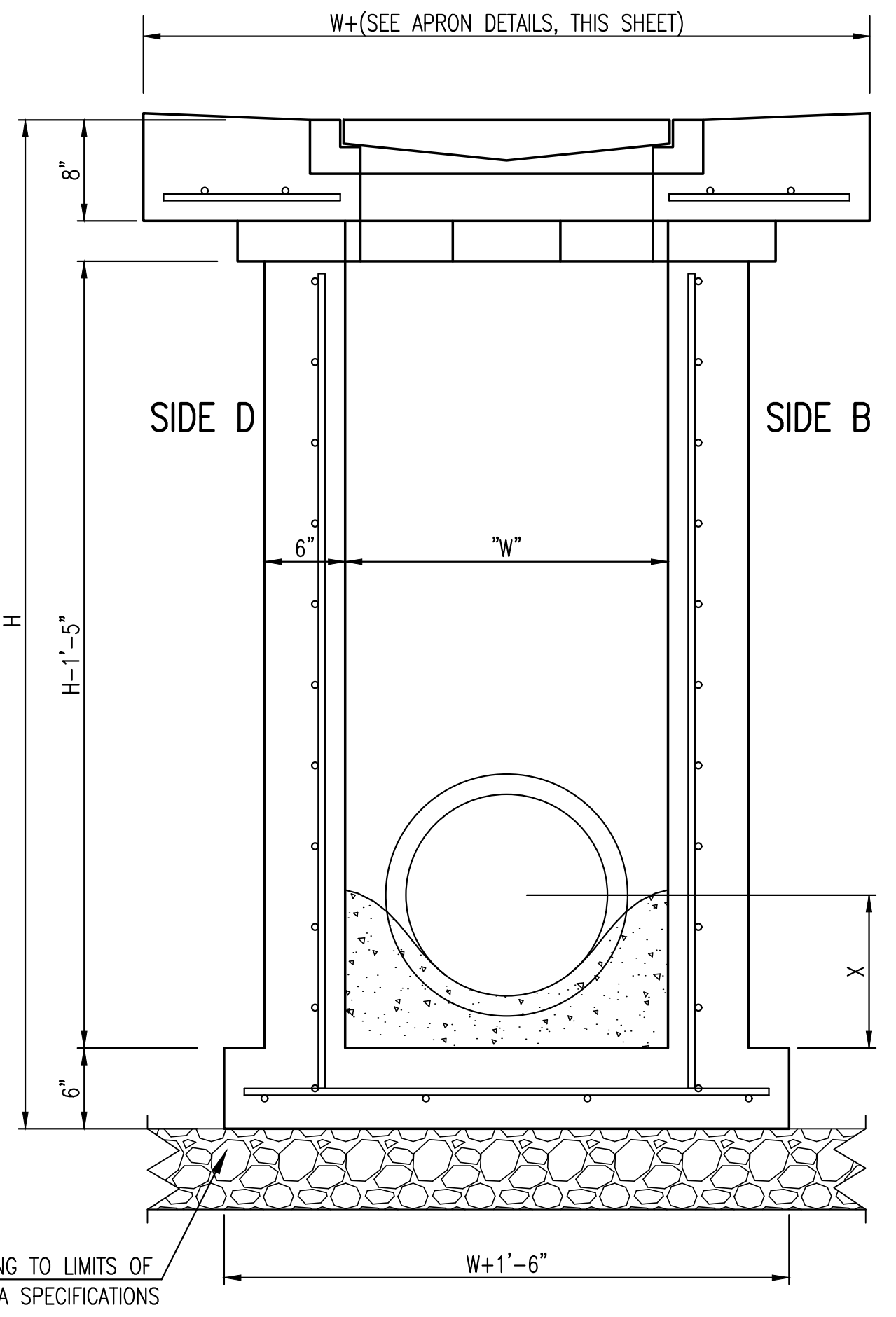
The structure(s) on this detail sheet are designed for HS-20 loading at these specific dimensions only. If larger dimensions are required, the ENGINEER shall provide a project specific structure design for approval by the City Engineer's office.

GENERAL NOTES

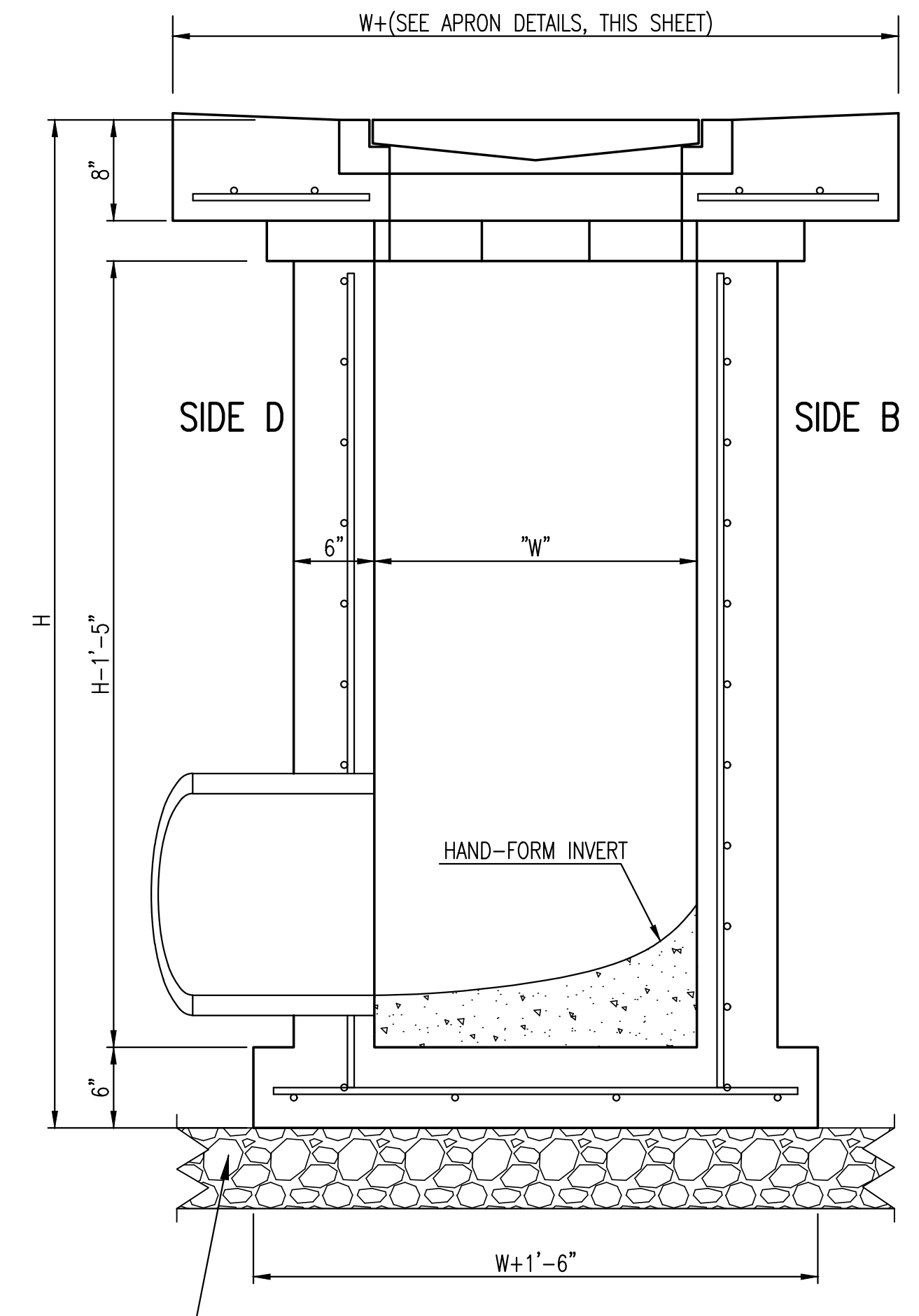
1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE 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-Z1 OR APPROVED EQUAL FOR 2'x2' SINGLE DROP INLET AND DEETER #2434, EJIW #5391 Z3 OR APPROVED EQUAL FOR 2'x4' DOUBLE DROP INLET.
5. 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 "B-B"
END OUTLET



SECTION "B-B"
SIDE OUTLET

Saved 04-11-2017 10:45:57 AM by CDDYJ
 Plot Scale 1:1 05-02-2017 11:54:47 AM by JEFF COOBY
 J:\Projects\2017\1701010035_Lahm, Wichita Crossing Add_17015_CAD\SHS\05_Civ\Sw\17035_003

| | | | | | |
|---|------------|---------|---------------------|----------|--|
|  | | | REVISED: MARCH 2015 | | |
| SINGLE/DOUBLE DROP INLET | | | | | |
| CITY ENGINEER GARY JANZEN, P.E. | | | | | |
| PROJECT NUMBER | OCA NUMBER | DATE | | | |
| 0452PPD | ---- | 03/2017 | | | |
| CITY ENGINEER'S OFFICE | | | | SHEET | |
| CITY HALL - SEVENTH FLOOR | | | | 06 OF 06 | |
| 455 NORTH MAIN STREET | | | | | |
| WICHITA, KANSAS 67202-1620 | | | | | |
| (316) 268-4501 | | | | | |