

TITLE SHEET

| | | |
|-------------|-----------|----------|
| PROJECT NO. | 0376PPD | |
| DATE | FEB. 2016 | |
| SCALE | 1"=50' | |
| DESIGNED | DRAWN | CHECKED |
| SLF | BS | SLF |
| NO. | REVISION | DATE |
| 0 | IFC | 03-04-16 |
| SHEET NO. | | |
| 1 OF 5 | | |

PRIVATE STORM WATER SEWER

TO SERVE

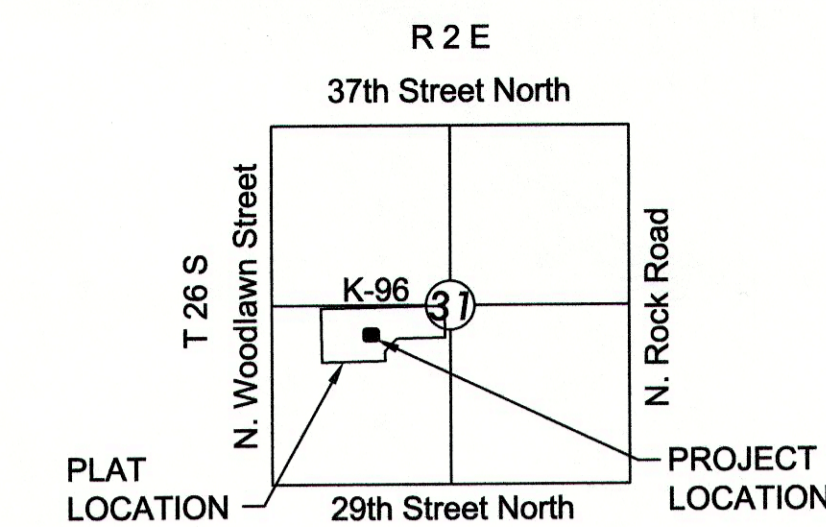
OUTDOOR AQUATICS EXPANSION

3330 N. WOODLAWN BLVD., WICHITA, KS 67220

PROJECT NO. 0376PPD

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

OCA NO. 607861



VICINITY MAP

No Scale

INDEX TO DRAWINGS

| SHEET NO. | DESCRIPTION |
|-----------|---------------------------|
| 1 | TITLE SHEET |
| 2-3 | STORM WATER DETAILS |
| 4 | SITE GRADING PLAN |
| 5 | SWS LINE 1 PLAN & PROFILE |

SEE GENERAL NOTE #13 FOR CITY OF WICHITA STANDARD BMP LINK

BENCHMARKS

BM#1
CHISELED SQUARE ON TOP OF CURB AT SOUTHEAST CORNER OF MAIN PARKING LOT, 50' +/- SOUTHWEST OF WEST EDGE OF SIDEWALK.
N=1706824.408 E=1671368.229
ELEV.=179.90 COW DATUM

CONTROL POINTS

CP#1
5/8" REBAR WITH RED MKEC CONTROL POINT CAP; 63' +/- SOUTHEAST CORNER OF PARKING LOT; 43' +/- NORTH OF NORTH EDGE OF BIKE PATH; 64' +/- EAST OF EAST EDGE OF SIDEWALK
N=1706819.447 E=1671502.049

CP#3
5/8" REBAR WITH RED MKEC CONTROL POINT CAP; 59' +/- NORTH OF AN EAST-WEST FENCE; 242' +/- SOUTHEAST OF SOUTHEAST CORNER OF SOCCER FIELDS
N=1707169.700 E=1672229.746
(NOT SHOWN ON PLAN)

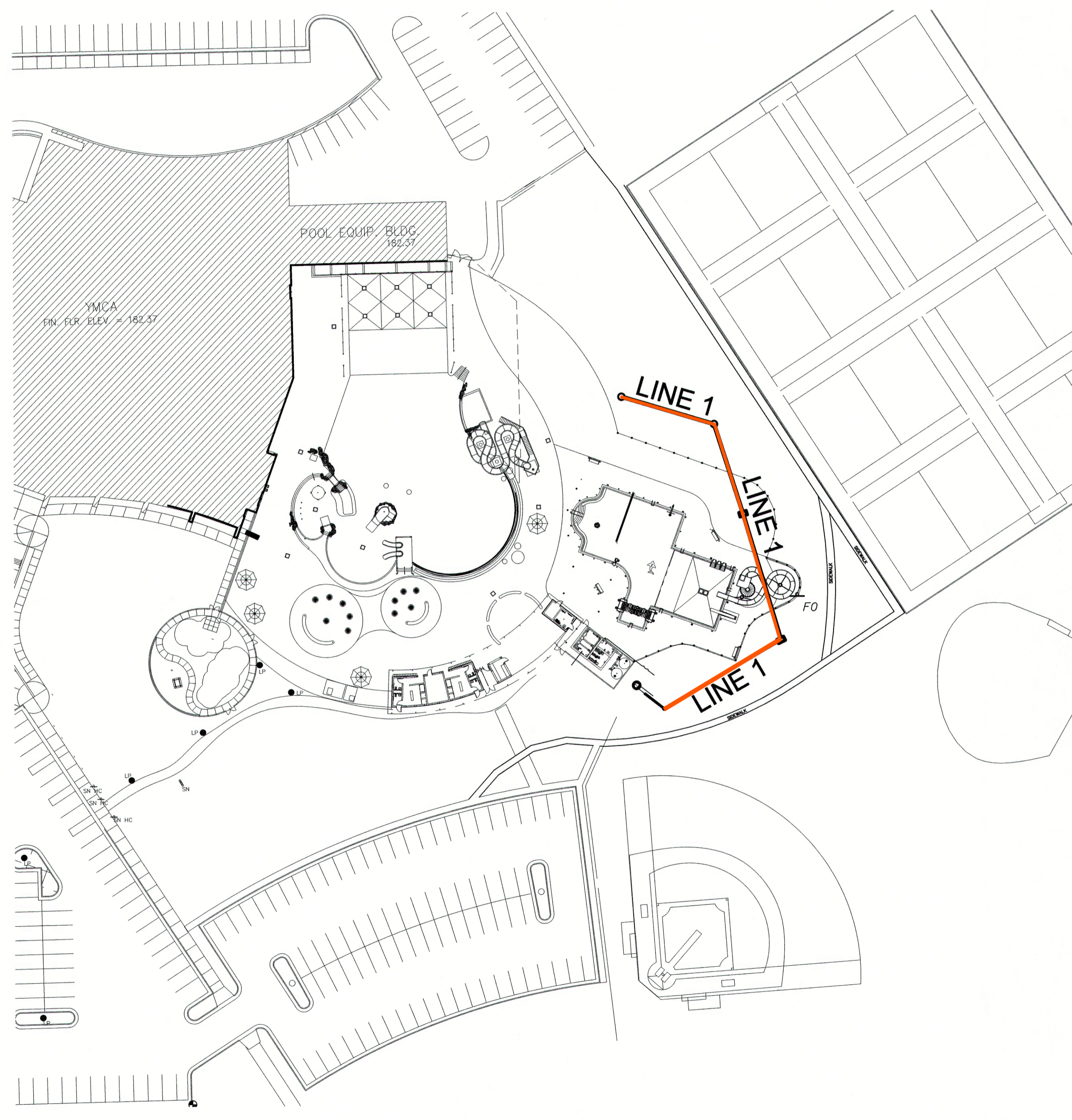
DATUM

THE PROJECT HORIZONTAL DATUM IS BASED ON MJ HARDEN
THE VERTICAL DATUM USED IS CITY DATUM

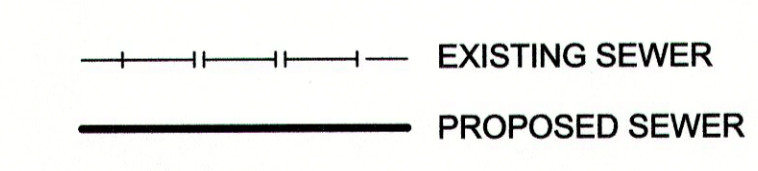
AS BUILTS

| | |
|--|--|
| Contractor: McCullough Excavation, Inc. 9/16/2016 | Project Inspector: Larry Gann KEMILLER ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242 |
|--|--|

- GENERAL NOTES**
- THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
 - THE 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 1-800-246-8484
BLACK HILLS ENERGY (GAS) 1-800-694-6989
CITY OF WICHITA WATER 1-316-268-4555
CITY OF WICHITA SEWER 1-316-268-4073
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 1-888-462-4950
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 ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLAN, 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 WOULD 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 WOULD 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 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 WATER DISTRIBUTION 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.
 - THE CONTRACTOR SHALL NOTIFY THE CONSULTANT ENGINEER AND TOM MASON WITH THE CITY AT 316-268-4574 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 PRIOR TO CONSTRUCTION. 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.
 - ALL ELEVATIONS SHOWN ARE U.S.C.G.S. DATUM (NAVD 88); CITY OF WICHITA DATUM. ALL RECORD DRAWINGS ARE IN CITY DATUM FOR THIS SITE.
 - ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
 - 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
 - CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
 - 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.
 - 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 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.
 - CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
 - STORM SEWER, AS SHOWN IN THIS SET, SHALL BE PRIVATELY OWNED & MAINTAINED.
 - 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.
 - WORK DONE UNDER THIS PROJECT IS SUBJECT TO THE CITY OF WICHITA REQUIREMENTS FOR "CONSTRUCTION OF INFRASTRUCTURE IMPROVEMENTS BY PRIVATE CONTRACT". THE CONTRACTOR SHALL BE FAMILIAR AND COMPLY WITH ALL OF THE REQUIREMENTS, INCLUDING BONDING, INSPECTION, TESTING, NOTIFICATION, PROVIDING AS-BUILT DRAWINGS, PAYING FOR ALL NECESSARY CONNECTIONS, AND/OR STREET REPAIR FEES AND PROVIDING PIPE MATERIAL AND OTHER CERTIFICATIONS.
 - DEVELOPER FOR THIS PROJECT IS:
NORTH YMCA
3330 N. WOODLAWN BLVD.
WICHITA, KS 67220
JASON PEDIGO, EXECUTIVE DIRECTOR
(316) 928-2620



LEGEND



Stormwater Certification:
Redevelopment
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= 0.89 Acres
Water Quality Treatment: N/A
Downstream Channel Protection: N/A
Detention: N/A
The BMP used for this development is N/A.



PROPOSED IMPERVIOUS=0.31 AC.
PROPOSED PERVIOUS=0.58 AC.
WQ_v = N/A
CP_v = N/A

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

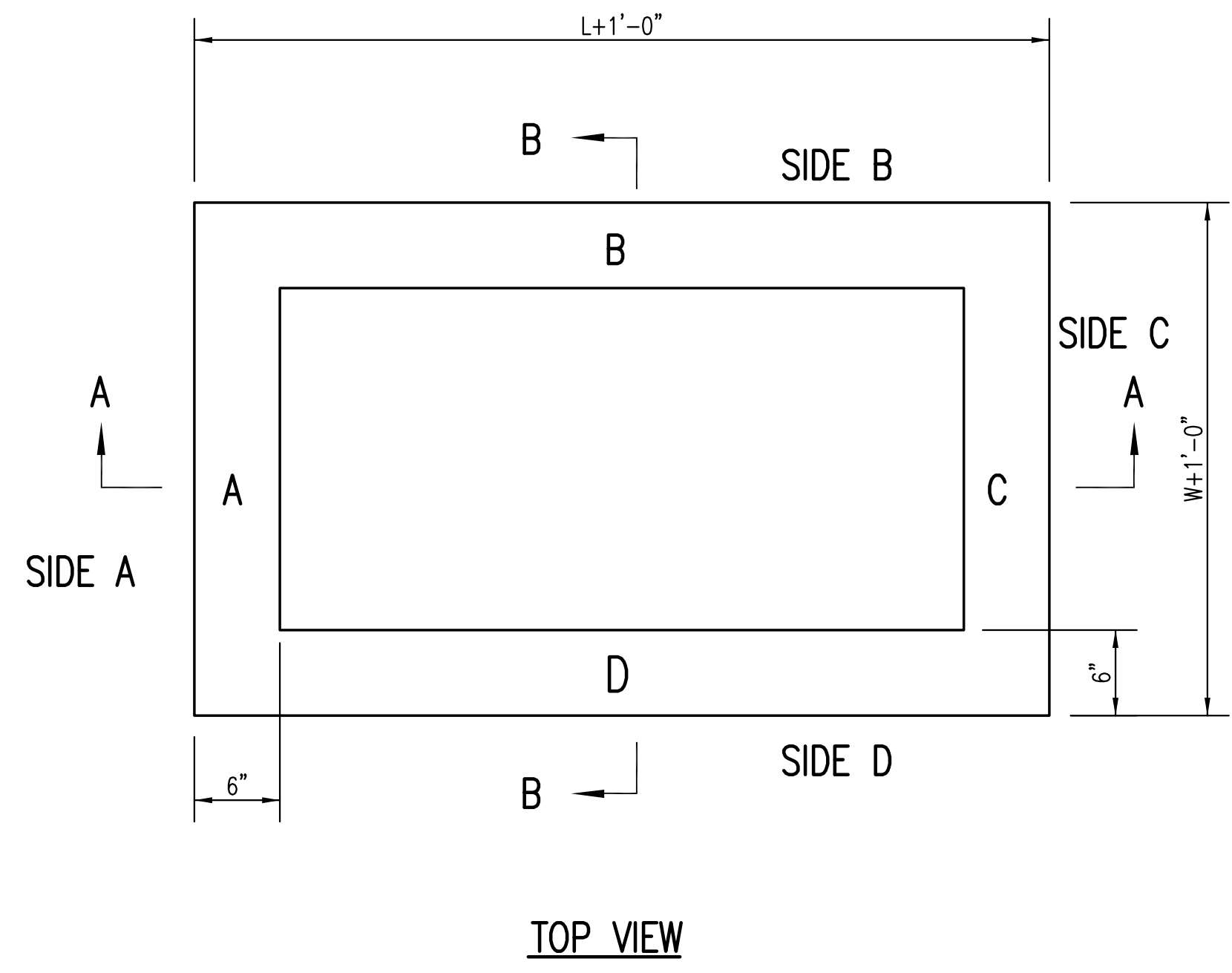
Engineering: *Ryan D. [Signature]* 3/4/2016
Storm Water: *Joe Hinkle PE* 3/1/16

NOTE TO CONTRACTORS

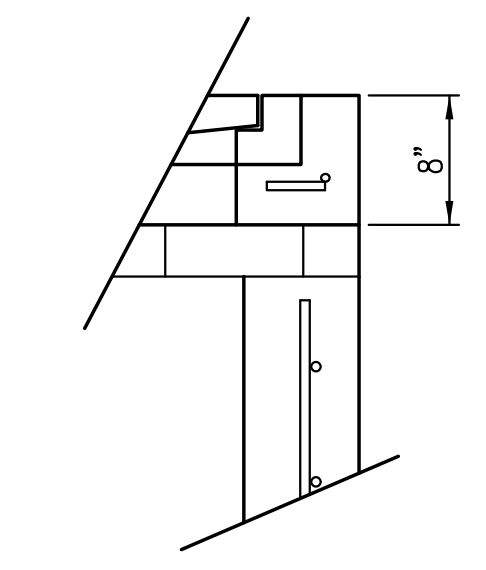
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the 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.

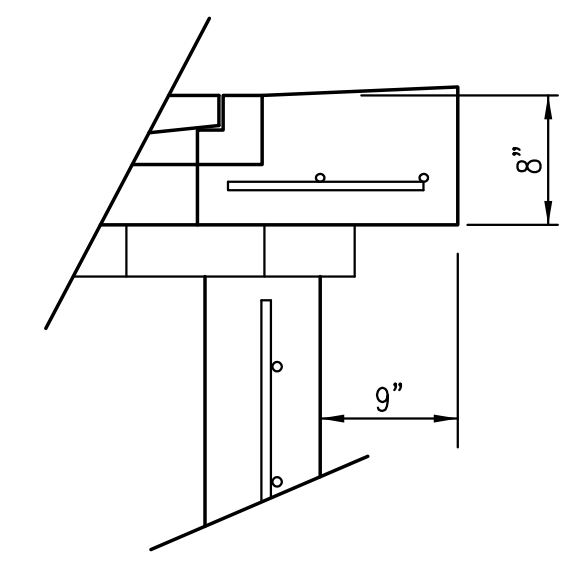
PLOTED: Friday, March 04, 2016 @ 09:03AM
PROJECTS\2016\16101016837_SJC_NORTHYMCA_POOLIMPROVEMENTS\CADD\SHS\SW-501.DWG



TOP VIEW

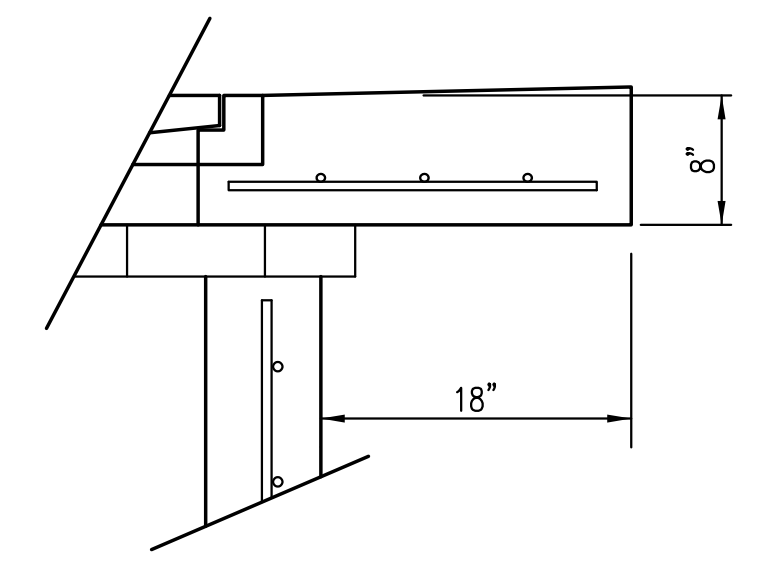


FLUSH STYLE TOP
NO APRON



9" APRON

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



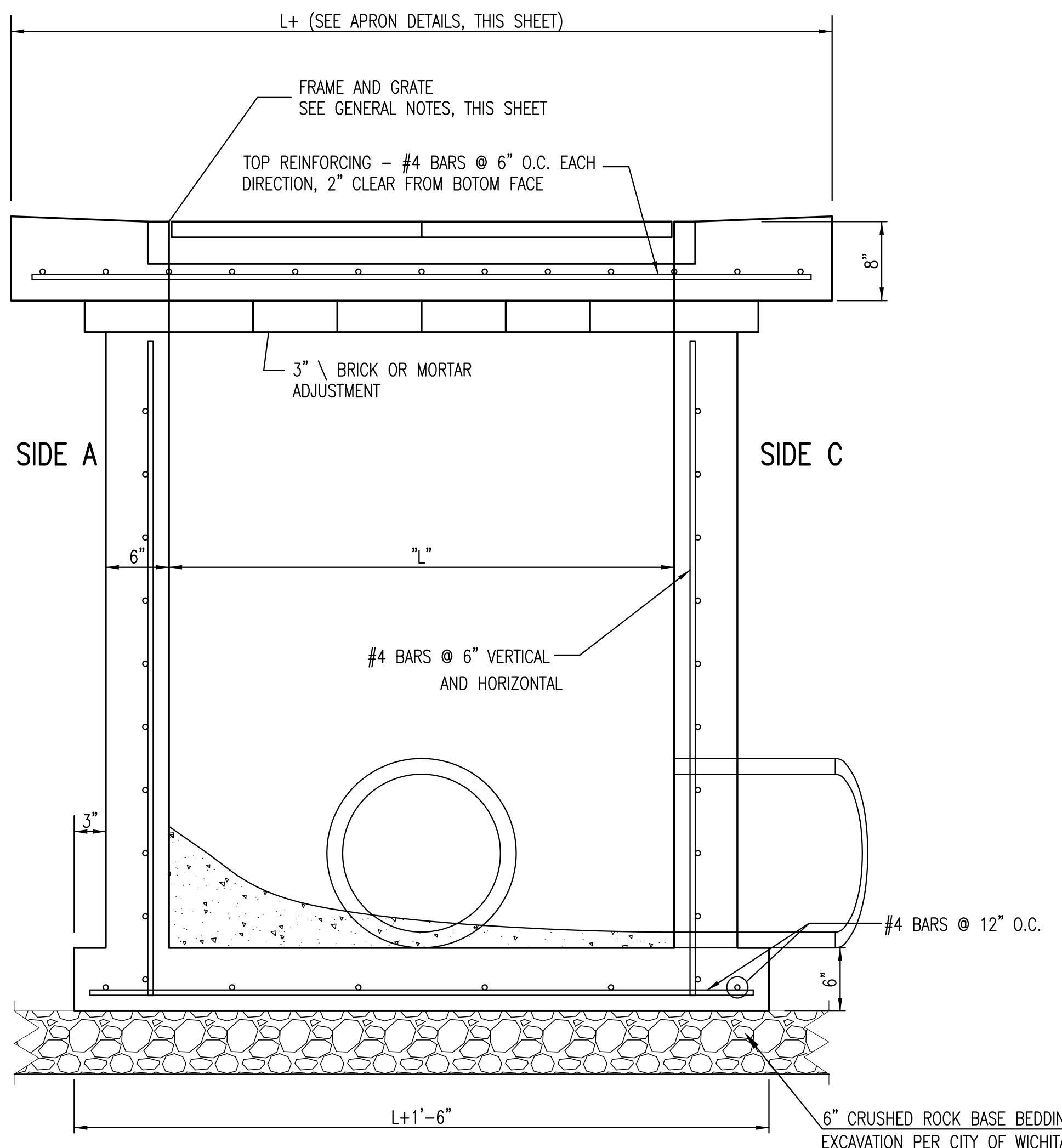
18" APRON

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

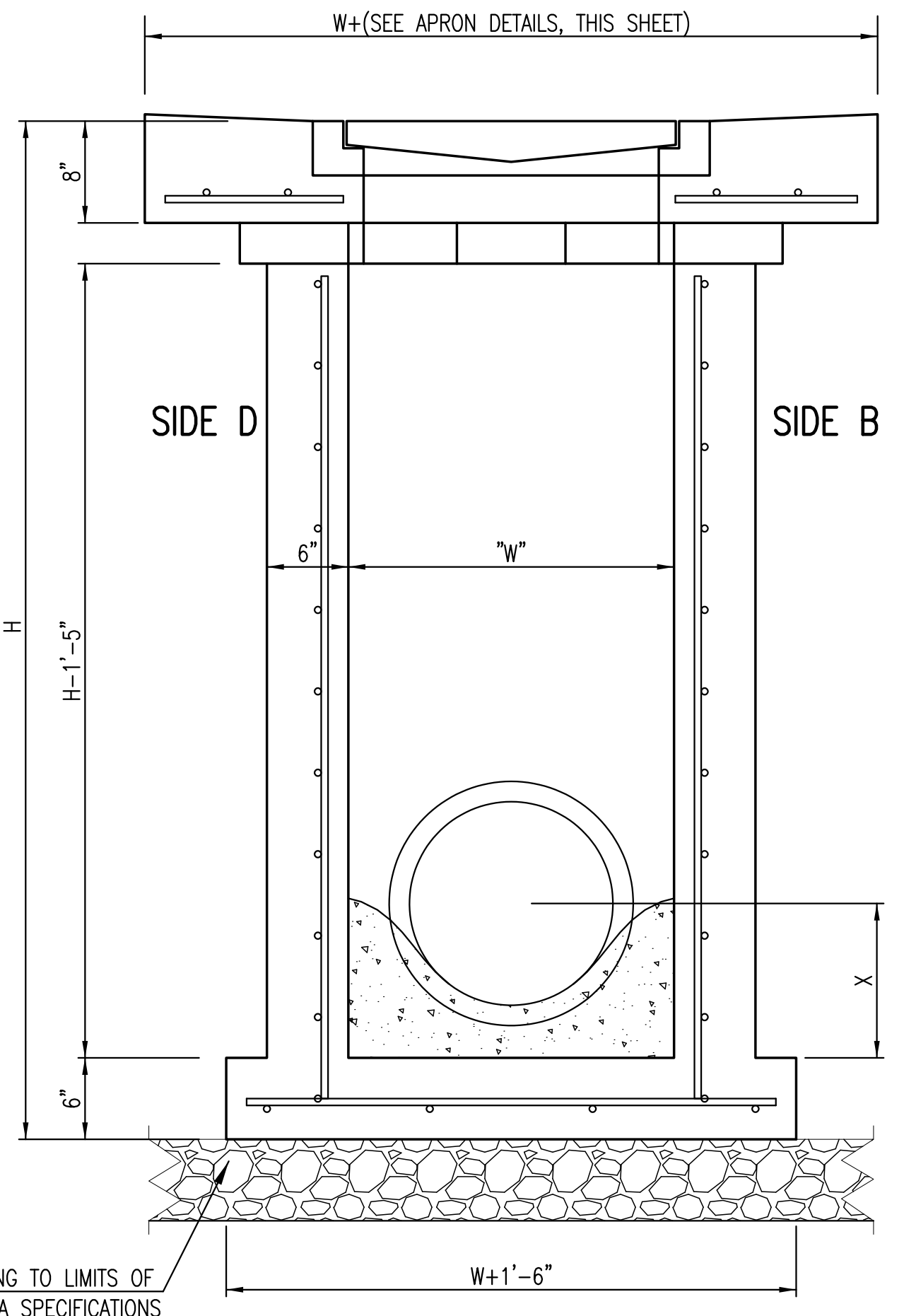
The structure(s) on this detail sheet are designed for HS-20 loading at these specific dimensions only. If larger dimensions are required, the ENGINEER shall provide a project specific structure design for approval by the City Engineer's office.

GENERAL NOTES

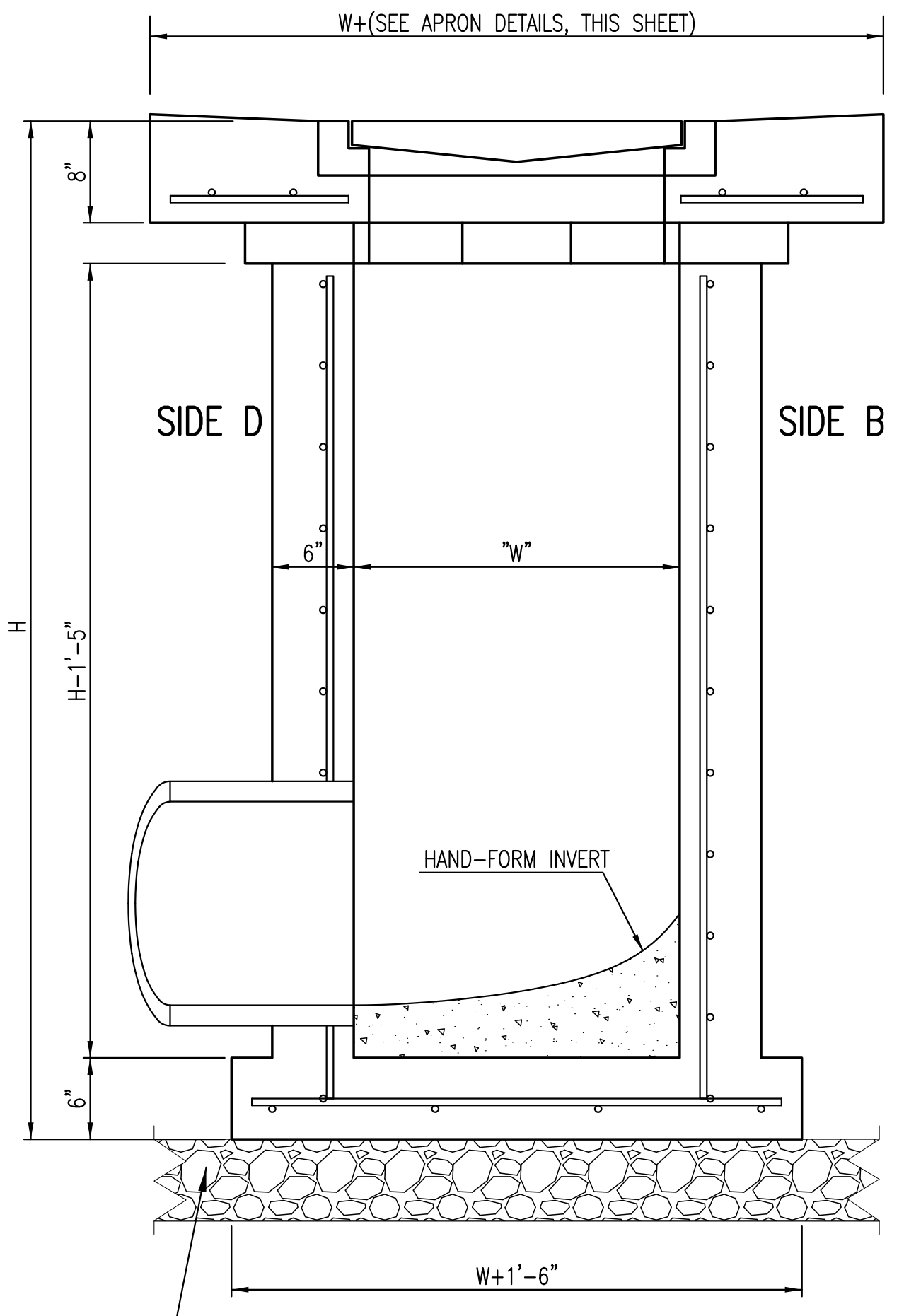
1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE 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"




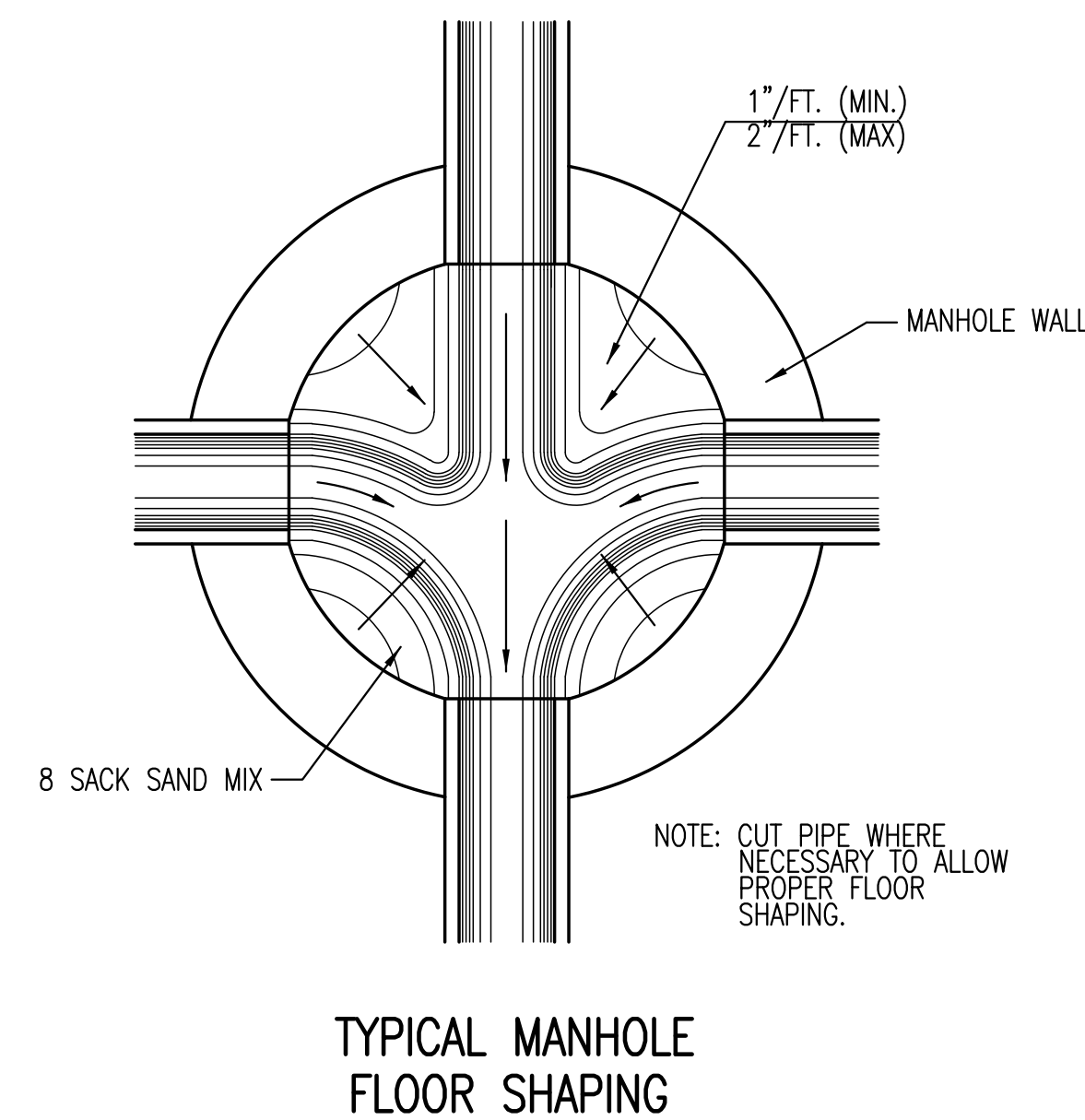
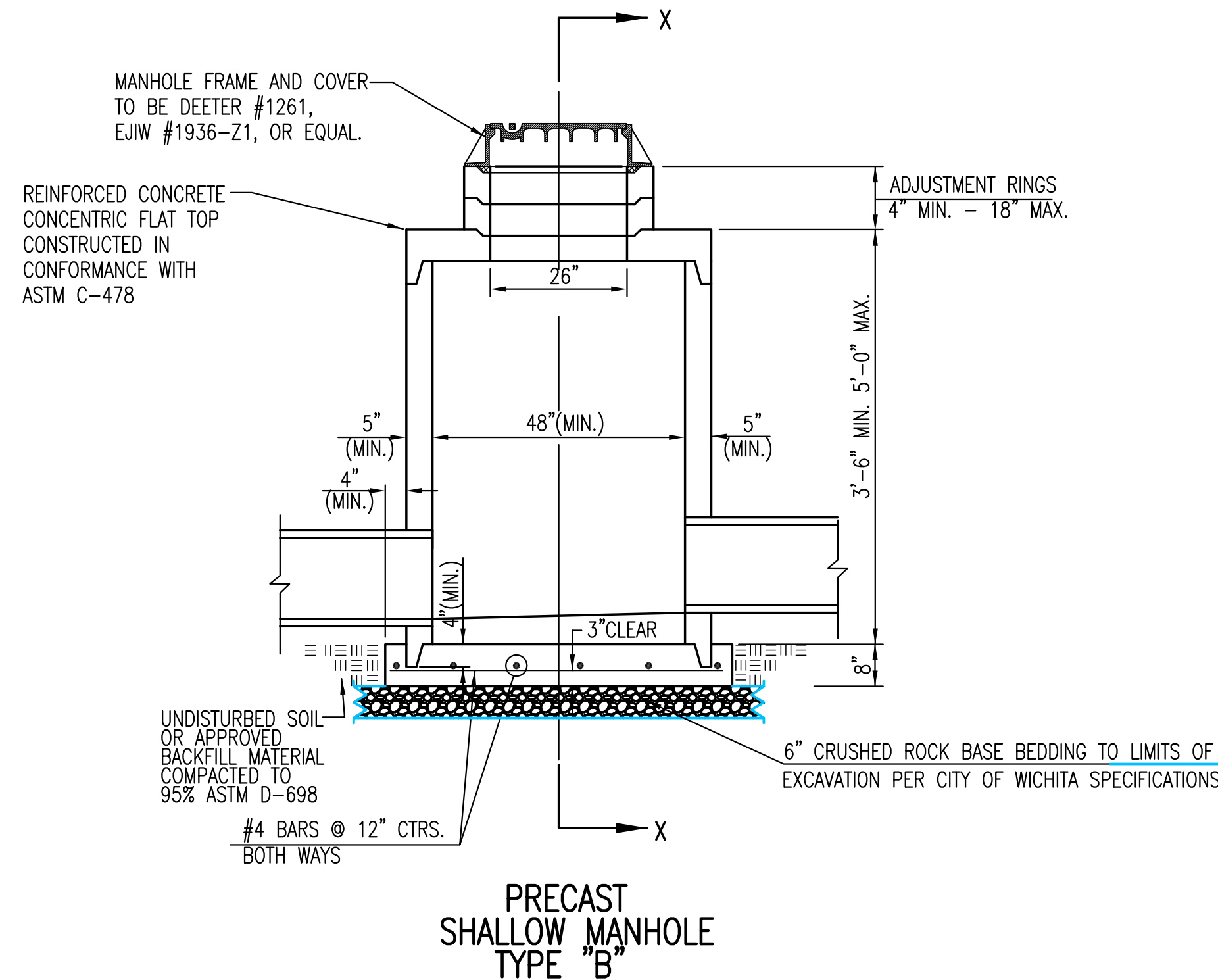
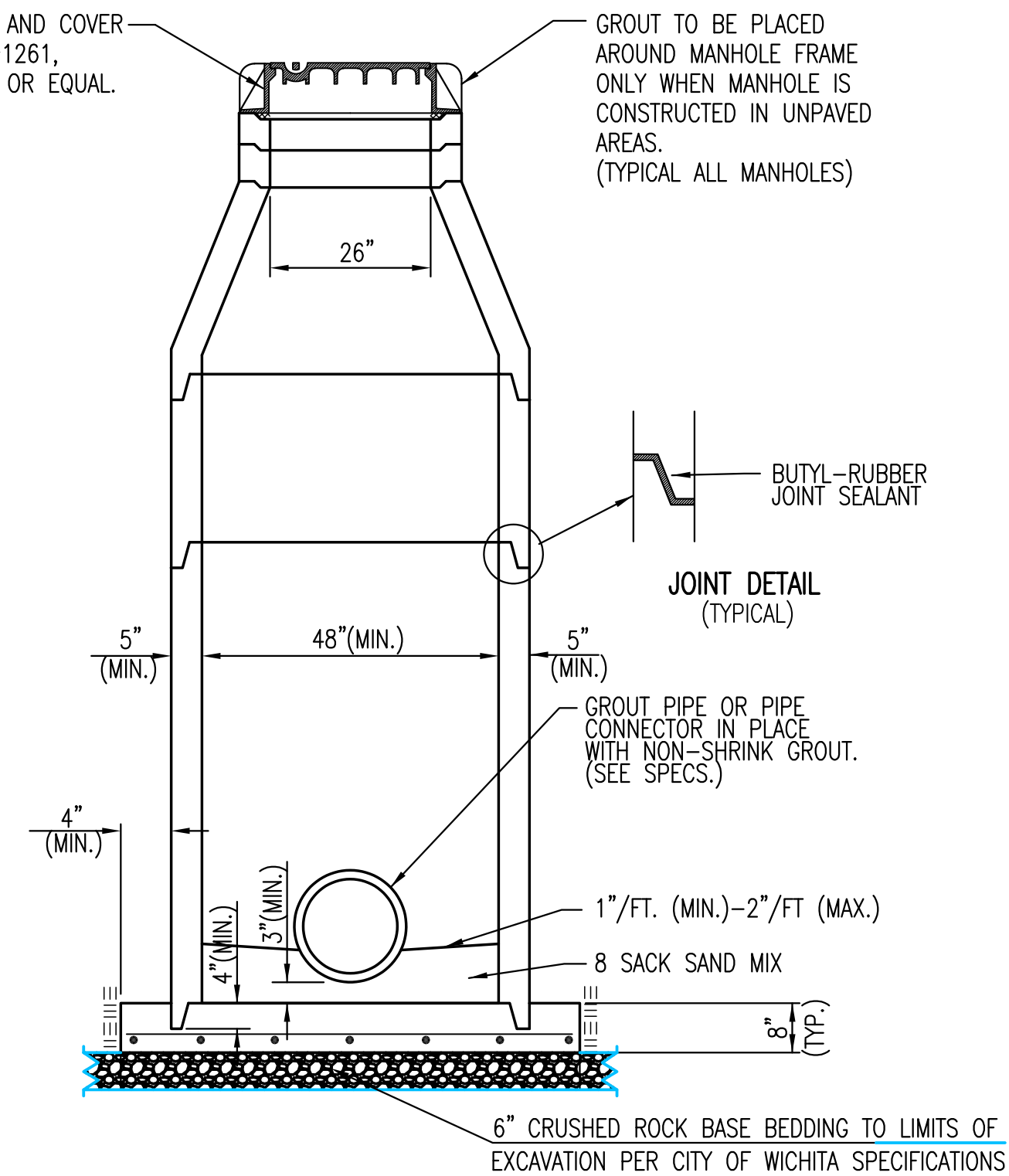
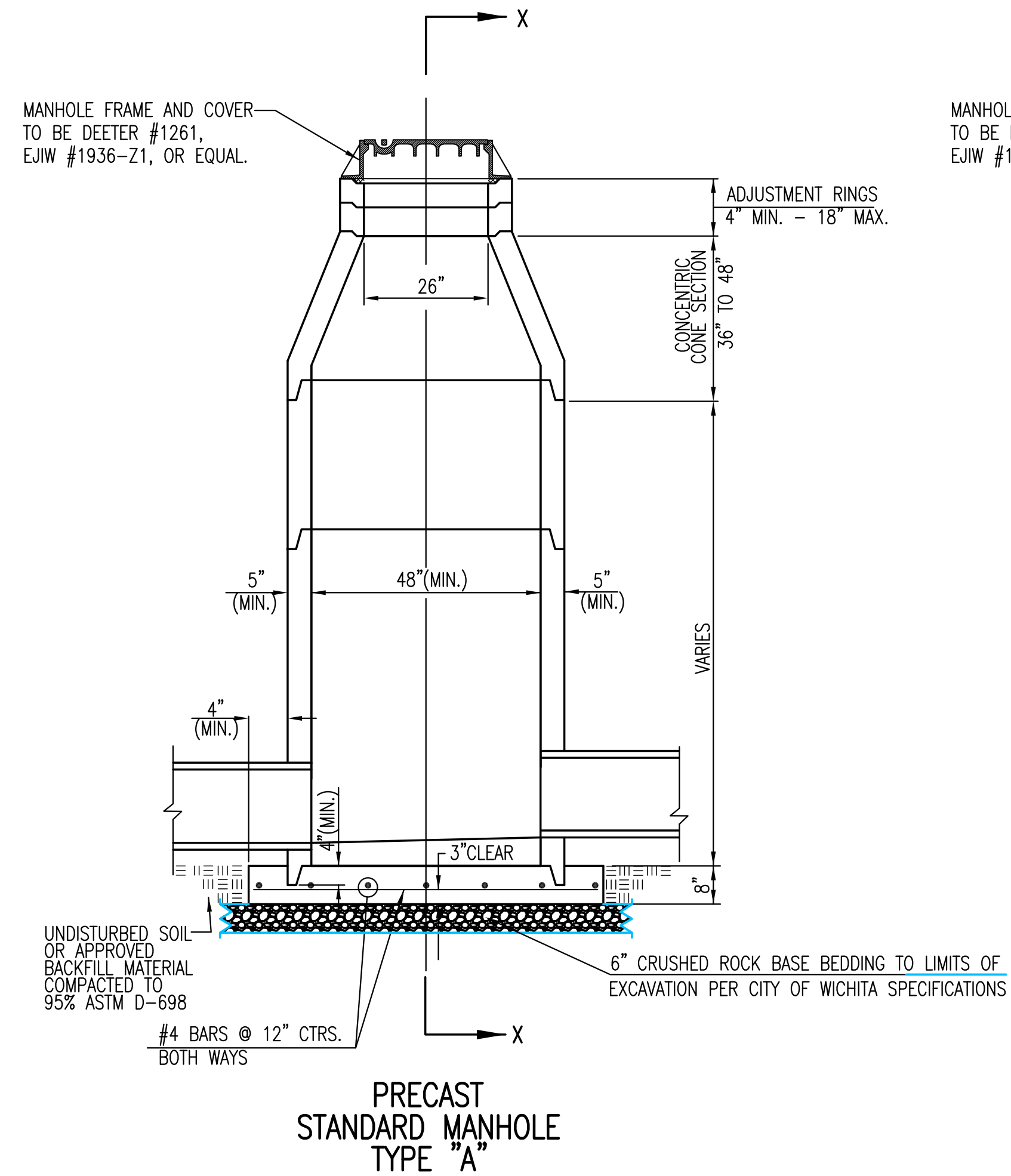
SECTION "B-B"
END OUTLET



SECTION "B-B"
SIDE OUTLET

Saved 02-23-2016 10:07:14 PM by SFRANK
 Plot Scale 1:1 03-04-2016 9:03:30 AM by STEVEN FERANK
 J:\Projects\2015\150101067_SW-201_Single-Double Drop Inlet

| | | | | | |
|---|------------|-----------|---|--|--|
|  CITY OF WICHITA PUBLIC WORKS & UTILITIES ENGINEERING DIVISION | | | REVISED: MARCH 2015 SINGLE/DOUBLE DROP INLET CITY ENGINEER GARY JANZEN, P.E. | | |
| PROJECT NUMBER | OCA NUMBER | DATE | | | |
| 0376PPD | 607861 | FEB. 2016 | | | |
| CITY ENGINEER'S OFFICE | | | SHEET | | |
| CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501 | | | 2 OF 5 | | |



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.

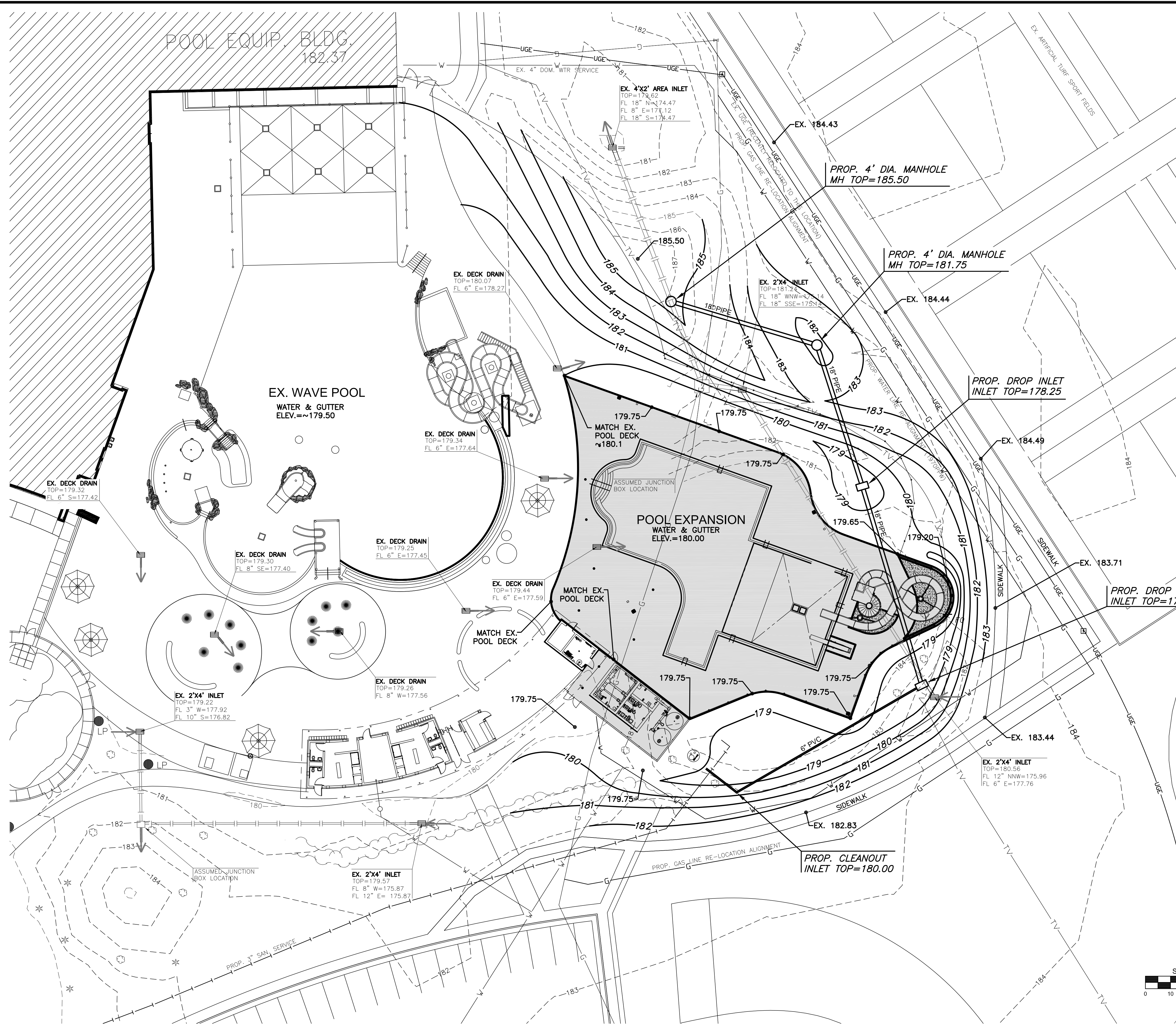
REVISED: MARCH 2015



CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

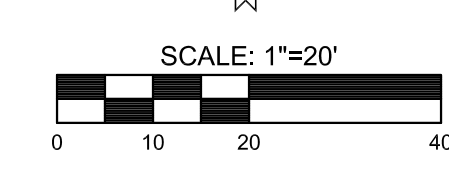
| | | |
|--|-----------------------------|--------------------------|
| PRECAST CONCRETE MANHOLE (STORM SEWER) | | |
| CITY ENGINEER GARY JANZEN, P.E. | | |
| PROJECT NUMBER 0376PPD | OCA NUMBER 607861 | DATE FEB. 2016 |
| CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501 | | SHEET 3 OF 5 |

J:\PROJECTS\2016\1501010637_S.GE_NORTH YMCA_POOL IMPROVEMENT\150637_CADD\SHS\DWG\CIVIL\GRD1\5637_G01.DWG
 PLOTTED: Friday, March 04, 2016 @ 09:30AM



LEGEND

- W — WATER LINE
- S — SANITARY SEWER
- ST — STORMWATER SEWER
- AS — ASSUMED EXIST. STORMWATER SEWER PIPING ALIGNMENT (FIELD VERIFY)
- UGE — UNDERGROUND ELECTRICAL
- G — GAS LINE
- FOC — FIBER OPTIC CABLE
- ASSUMED STORMWATER SEWER PIPING DIRECTION (FIELD VERIFY)



PRIVATE STORM WATER SEWER PLAN FOR
OUTDOOR AQUATICS EXPANSION
 GREATER WICHITA YMCA - NORTH BRANCH

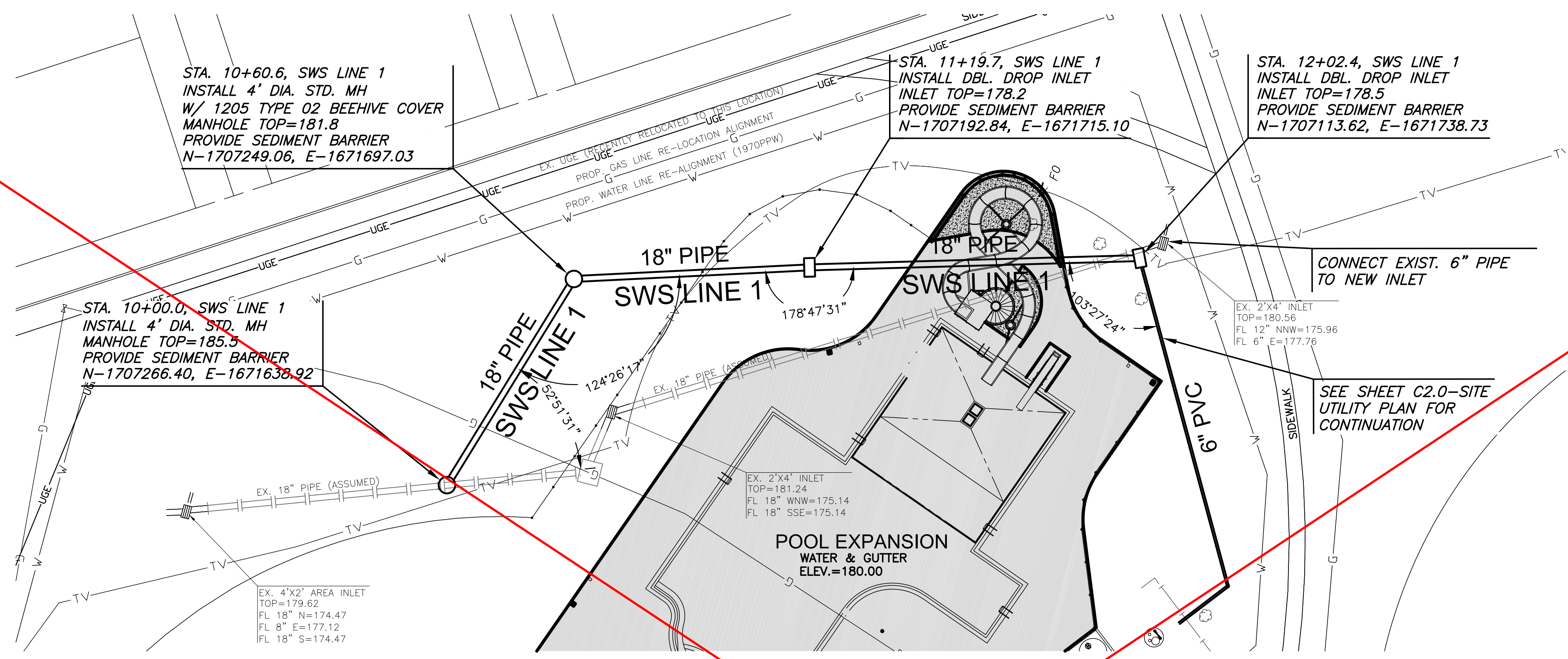
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SITE GRADING PLAN

| | | |
|-------------|-----------|----------|
| PROJECT NO. | 0376PPD | |
| DATE | FEB. 2016 | |
| SCALE | 1" = 20' | |
| DESIGNED | DRAWN | CHECKED |
| SLF | SLF | DL |
| NO. | REVISION | DATE |
| 0 | IFC | 03-04-16 |

PLOTTED: Friday, March 04, 2016 @ 09:34AM

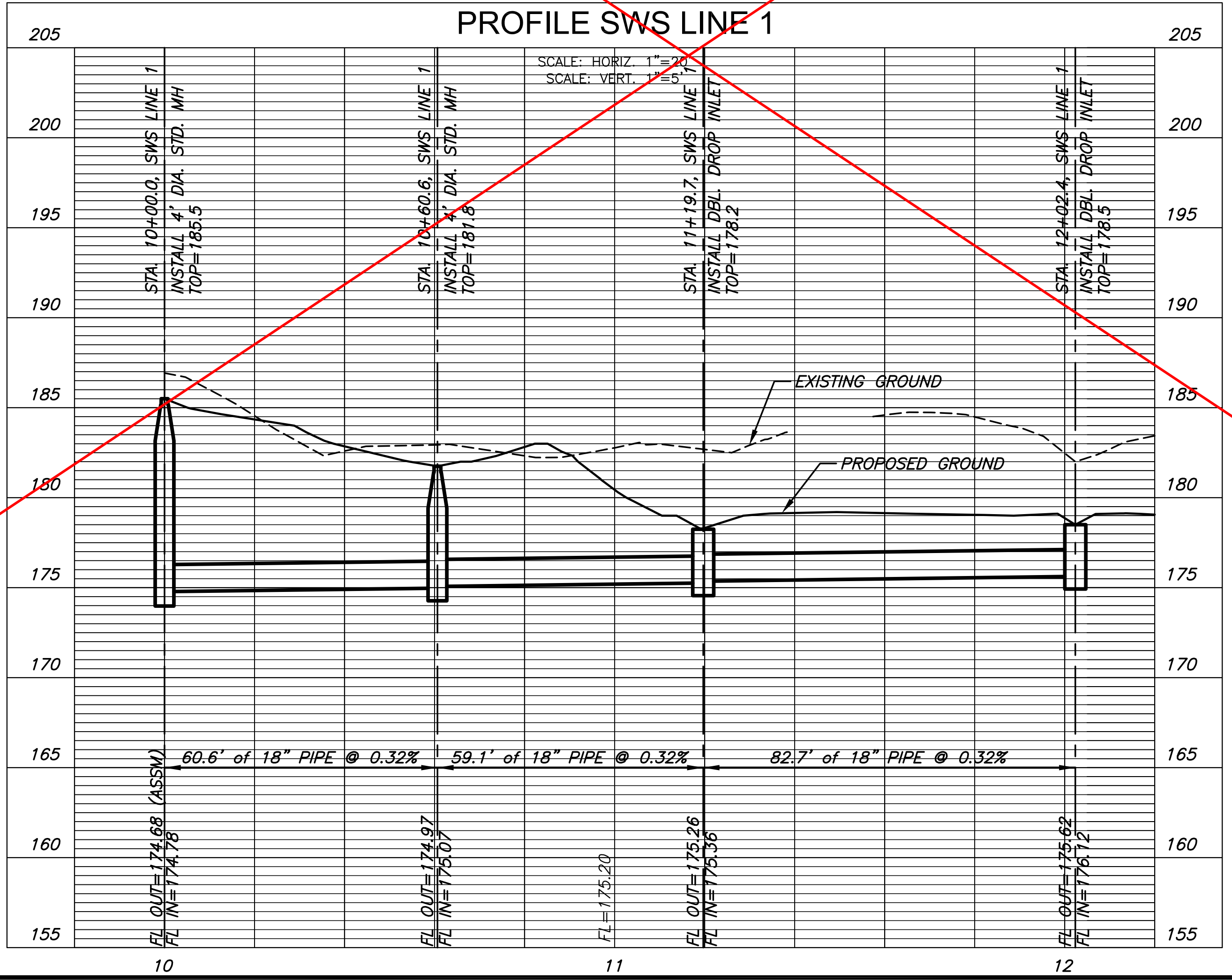
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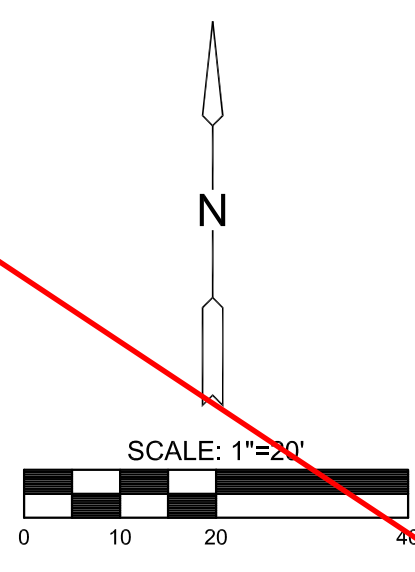
CONSTRUCTION NOTES

1. STORMSEWER CONSTRUCTION MATERIALS SHALL CONFORM TO SECTION 804.2 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. ALL PIPE AND STRUCTURAL EXCAVATION, BEDDING, AND BACKFILL SHALL CONFORM TO SECTION 801 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
3. ALL TESTING SHALL CONFORM TO SECTION 804.5 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
4. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING STORMSEWER AND DECK DRAIN PIPING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SHARE THE FINDINGS OF THE FIELD EXPLORATION WITH THE CLIENT AND ENGINEER.
5. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY TO OBTAIN THE LOCATIONS OF EXISTING PIPING AND STRUCTURES. NO ADDITIONAL COSTS SHALL BE PAID BY OWNER.
6. THE CONTRACTOR SHALL COORDINATE ANY MODIFICATIONS TO THE PROPOSED ALIGNMENT WITH THE OWNER AND ENGINEER.
7. THE CONTRACTOR SHALL COORDINATE ALL CONNECTIONS OF THE EXISTING STORMSEWER SYSTEM TO THE PROPOSED WITH THE CLIENT AND ENGINEER.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH MKEC ENGINEERING, INC. TO ENSURE THAT THOROUGH AS-BUILT PLANS ARE CREATED, AND THAT THE PROJECT IS INSPECTED IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
9. SEE NOTES ON SHEET C2.0 - SITE UTILITY PLAN FOR STORM SEWER PIPE MATERIAL SPECIFICATIONS.

**PLAN SWS LINE 1
PROFILE SWS LINE 1**



SEE REVISED SHEET NEXT PAGE

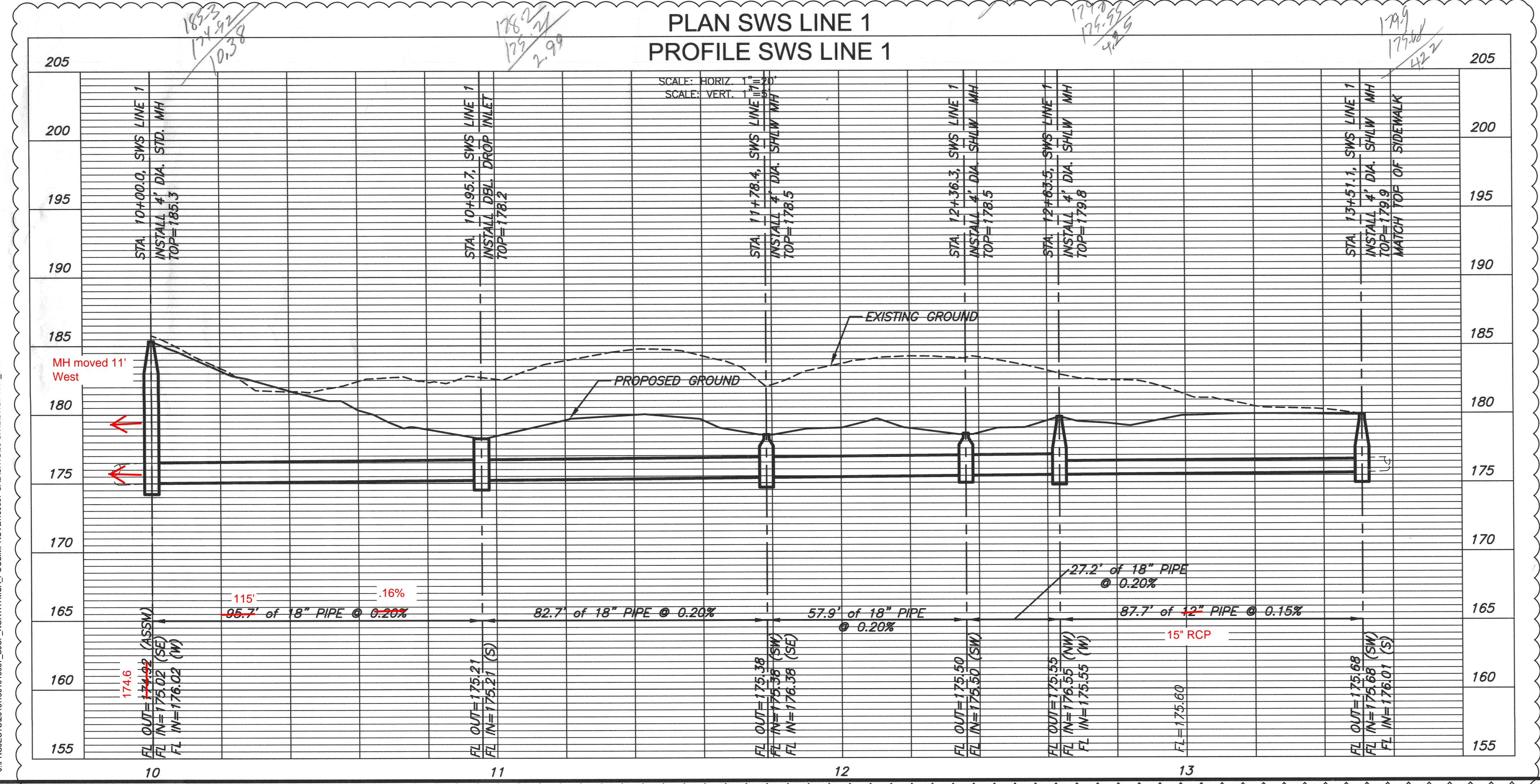
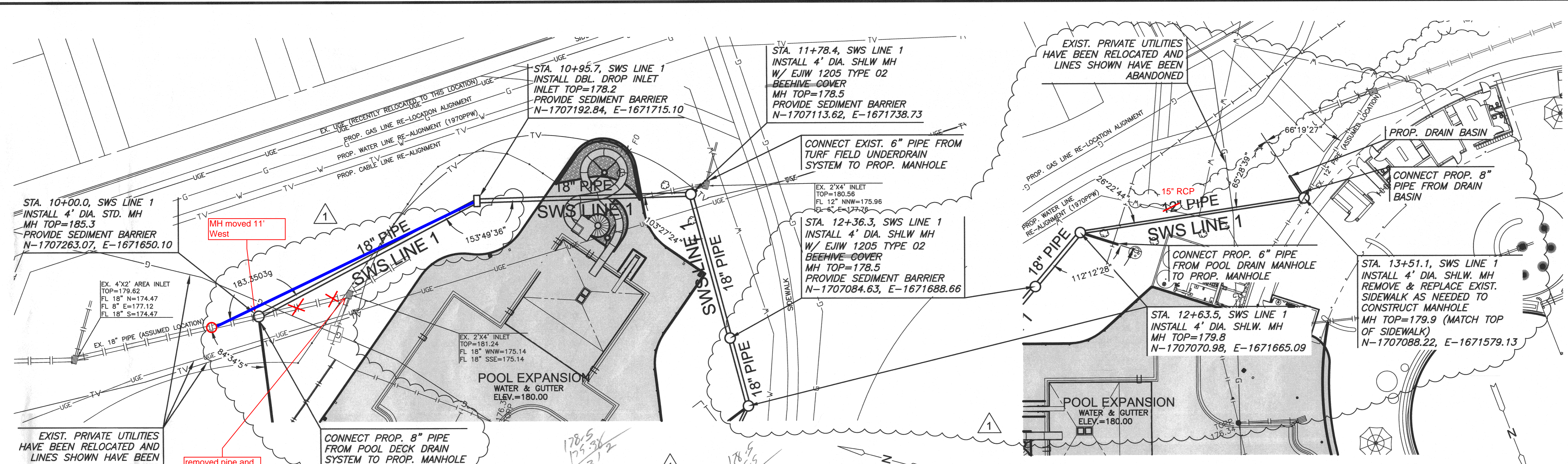


PRIVATE STORM WATER SEWER PLAN FOR
OUTDOOR AQUATICS EXPANSION
 GREATER WICHITA YMCA - NORTH BRANCH

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| | |
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| SWS LINE 1 PLAN & PROFILE | |
| PROJECT NO. | 0376PPD |
| DATE | FEB. 2016 |
| SCALE | 1" = 20' |
| DESIGNED | DRAWN |
| SLF | SLF |
| CHECKED | DL |
| NO. | REVISION |
| 0 | IFC |
| NO. | REVISION |
| 03-04-16 | DATE |
| SHEET NO. | |
| 5 OF 5 | |

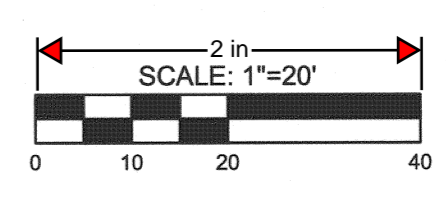
PROJECT: 03/10/16 10:07:57 SJC_NORTH YMCA_POOL/PROVIDE/STORM CAUSERS/905 CIVIL/SWS1857_D1.DWG
 PLOT: 06/27/16 10:07:57 SJC_NORTH YMCA_POOL/PROVIDE/STORM CAUSERS/905 CIVIL/SWS1857_D1.DWG



CONSTRUCTION NOTES

- STORMSEWER CONSTRUCTION MATERIALS SHALL CONFORM TO SECTION 804.2 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- ALL PIPE AND STRUCTURAL EXCAVATION, BEDDING, AND BACKFILL SHALL CONFORM TO SECTION 801 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- ALL TESTING SHALL CONFORM TO SECTION 804.5 OF THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING STORMSEWER AND DECK DRAIN PIPING PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL SHARE THE FINDINGS OF THE FIELD EXPLORATION WITH THE CLIENT AND ENGINEER.
- THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY TO OBTAIN THE LOCATIONS OF EXISTING PIPING AND STRUCTURES. NO ADDITIONAL COSTS SHALL BE PAID BY OWNER.
- THE CONTRACTOR SHALL COORDINATE ANY MODIFICATIONS TO THE PROPOSED ALIGNMENT WITH THE OWNER AND ENGINEER.
- THE CONTRACTOR SHALL COORDINATE ALL CONNECTIONS OF THE EXISTING STORMSEWER SYSTEM TO THE PROPOSED WITH THE CLIENT AND ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH MKEC ENGINEERING, INC. TO ENSURE THAT THOROUGH AS-BUILT PLANS ARE CREATED, AND THAT THE PROJECT IS INSPECTED IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- SEE NOTES ON SHEET C2.0 - SITE UTILITY PLAN FOR STORM SEWER PIPE MATERIAL SPECIFICATIONS.

AS BUILTS



OUTDOOR AQUATICS EXPANSION

PRIVATE STORM WATER SEWER PLAN FOR
GREATER WICHITA YMCA - NORTH BRANCH

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SWS LINE 1 PLAN & PROFILE

| | | |
|-------------|-----------|---------|
| PROJECT NO. | 0376PPD | |
| DATE | FEB. 2016 | |
| SCALE | 1" = 20' | |
| DESIGNED | DRAWN | CHECKED |
| SPE | SPE | MAB |

| NO. | REVISION | DATE |
|-----|-------------|----------|
| 1 | REVISION #1 | 06-27-16 |
| 0 | IFC | 03-04-16 |

SHEET NO.
5 OF 5

*Final Plans
Per Scott Evans
7/20/16
Wimbee Handled
on "As-Builts"*

