

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:

Cox Communications 260-7204
 Kansas Gas Service 1-888-482-4950
 Black Hills Energy 941-1628
 Westar 383-8600
 AT&T 1-800-286-8313
 City of Wichita Water Department 262-6000
 City of Wichita Sewer Maintenance 262-6000

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 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.

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 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 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.

9. 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.

10. If traffic is impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brain 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.

14. A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development 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 to the manhole.

15. Geotechnical report available upon request.

16. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

17. Contractor shall provide positive drainage away from all manhole covers.

18. Storm Sewer System is privately owned & maintained.

19. 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.

20. 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.

Benchmarks

CHISELED SQUARE ON THE TOP OF CURB 29' S. OF SE CORNER OF PROPERTY.
 ELEVATION = 1325.40 (NAVD88)

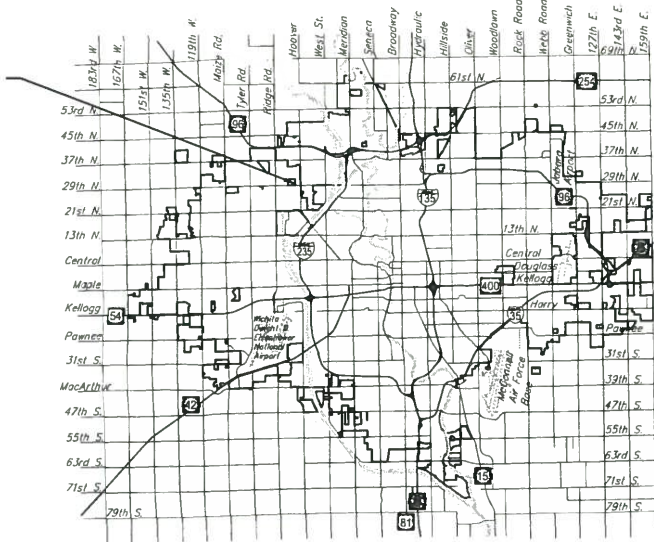
CHISELED SQUARE ON THE TOP OF CURB AT WEST EDGE OF STORM INLET ON NORTH SIDE OF 29TH STREET NORTH AND 175' WEST OF SE CORNER OF PROPERTY.
 ELEVATION = 1325.93 (NAVD88)

PRIVATE STORM WATER DRAIN
 to serve
Terrace Sands Addition
 CITY OF WICHITA, KANSAS

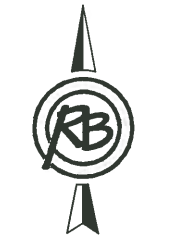
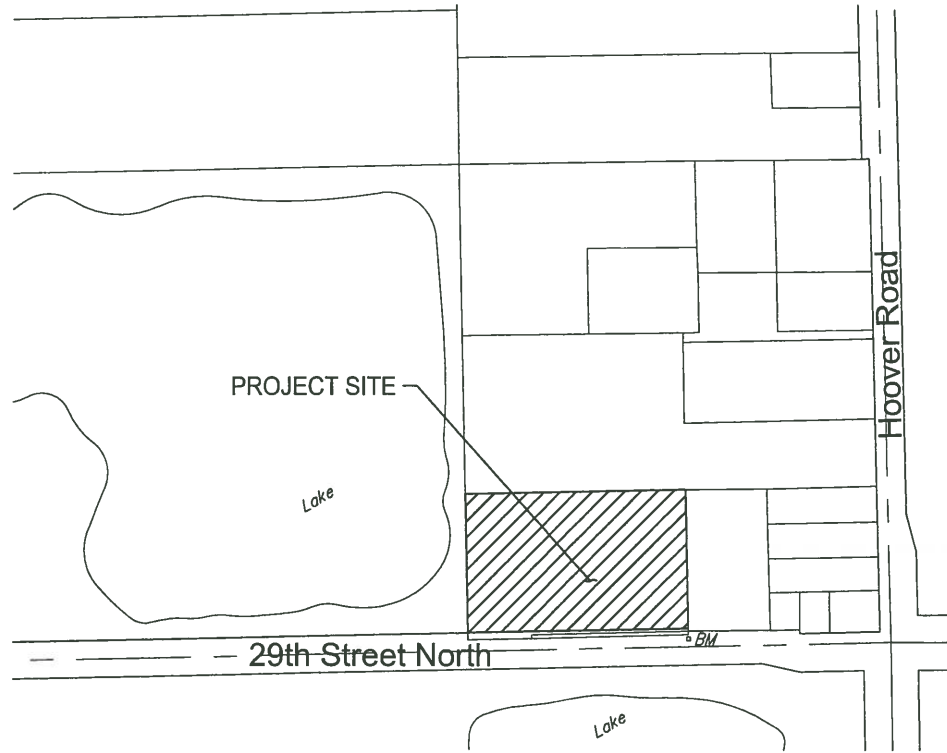
Gary Janzen, P.E. City Engineer
 Project Number
 0395 PPD (607861)

**ASBUILT PLANS
 CONTRACTOR: WILKS
 UNDERGROUND
 INSPECTOR: LEVI TURNER
 RUGGLES & BOHM
 PDF BY: LCT 08/10/2016**

PROJECT LOCATION



Vicinity Map



Sheet Index

1. TITLE SHEET
- 2.-3. PLAN & PROFILES
4. POND DETAILS
5. PRECAST MANHOLE DETAILS
6. MH FRAME & COVER DETAILS
7. DROP INLET DETAILS
8. SNOOT DETAILS
9. EROSION CONTROL PLAN
10. PLAT

Erosion Control Details are available on the City's website.

APPROVED AS NOTED
 BY WICHITA PUBLIC WORKS ENGINEERING
 AND STORMWATER DIVISION

Engineering *Rebecca Dief 9/3/16*
 Stormwater *Joe Hubble PE 6/6/16*

NOTE TO CONTRACTORS

Installation, 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.

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 = 3.72 Acres
 Water Quality Treatment: Snout Water Quality Inlet
 Downstream Channel Protection: N/A
 Detention: Detention/Retention Pond per Master Drainage Plan titled "Terrace Sands Drainage Report" dated November 2015
 The BMP used for this development is Inlet Protection and Silt Fence.

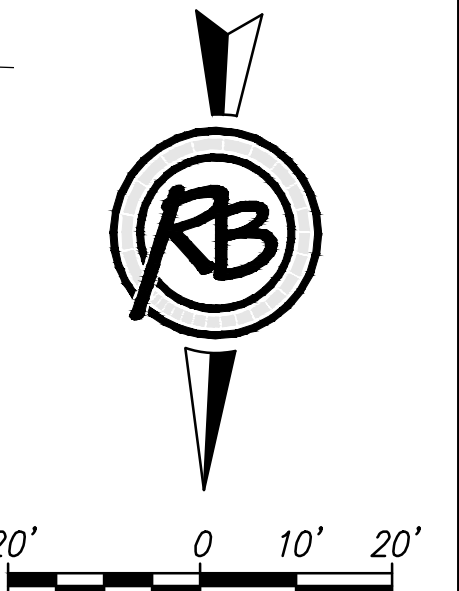
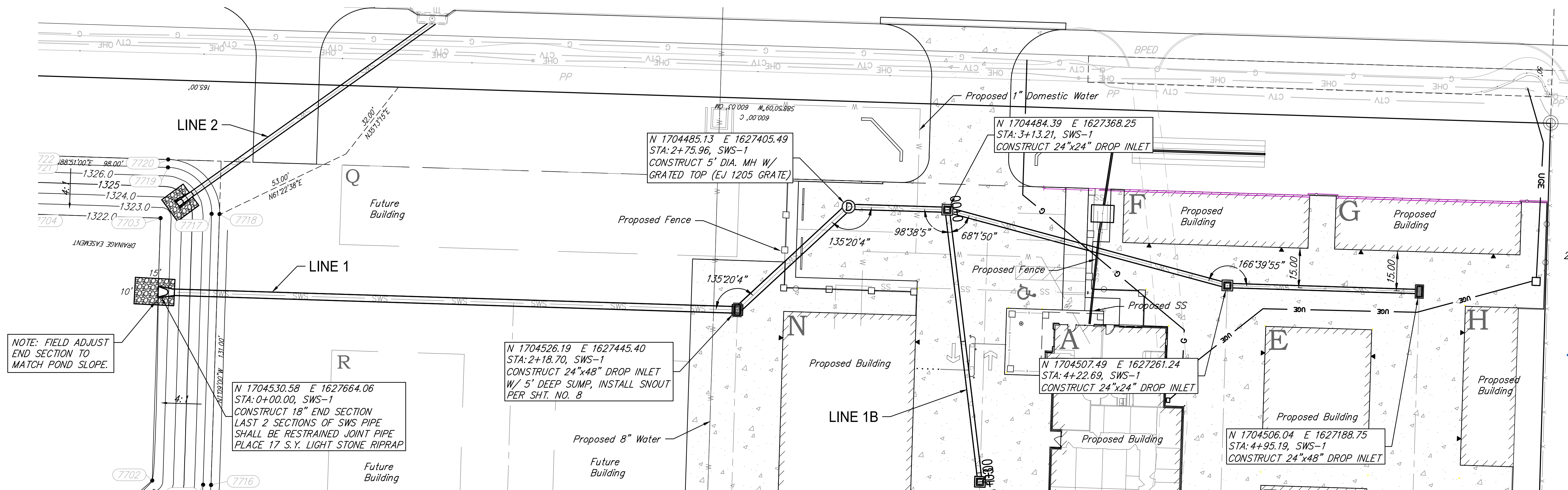


May 2016 C-21

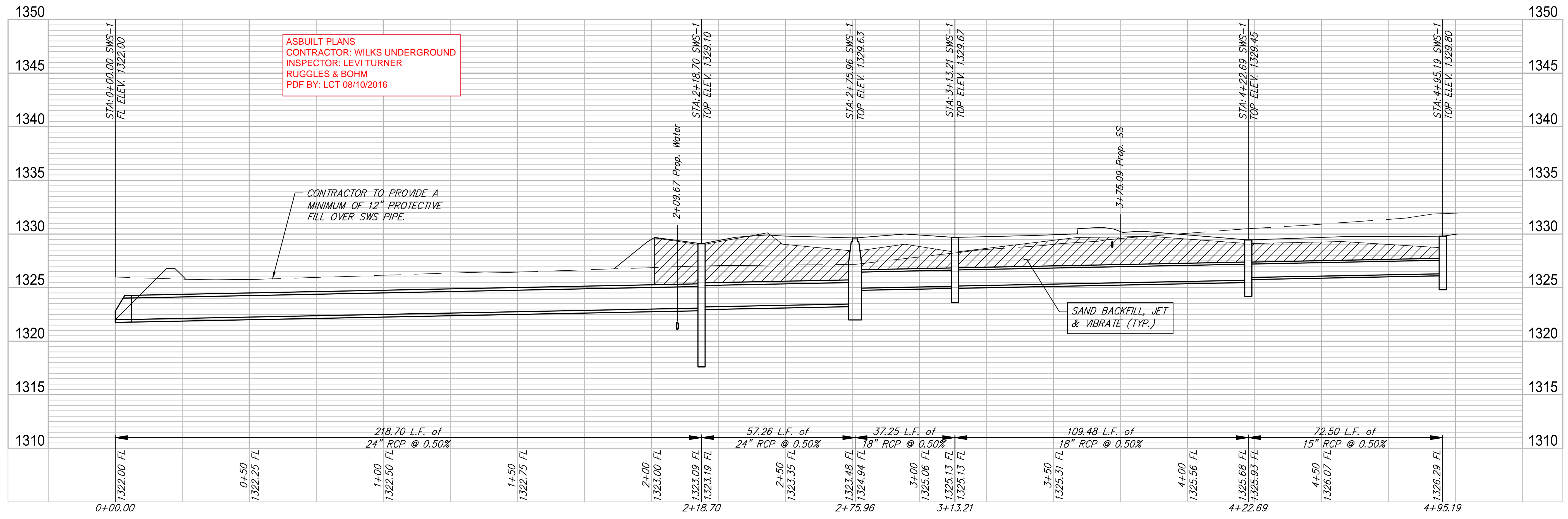


ENGINEERING | SURVEYING | LANDSCAPE ARCHITECTURE | GOVERNMENT
 924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621
 WWW.RUGGLESANDBOHM.COM 4673E

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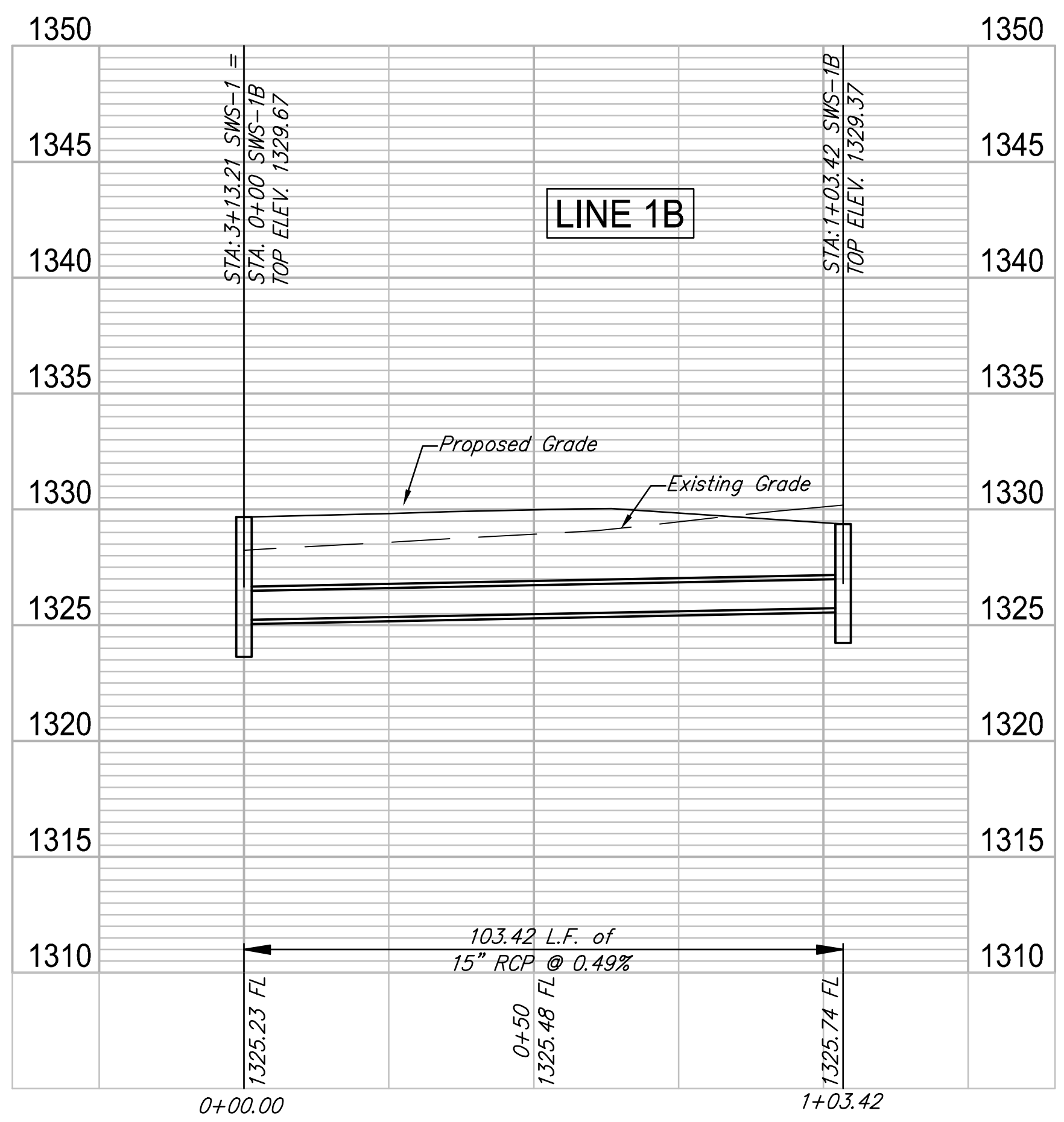
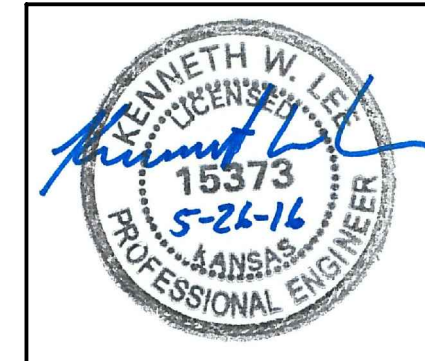
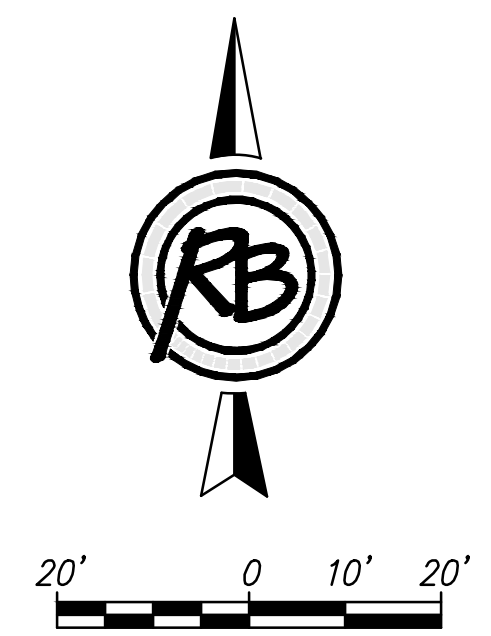
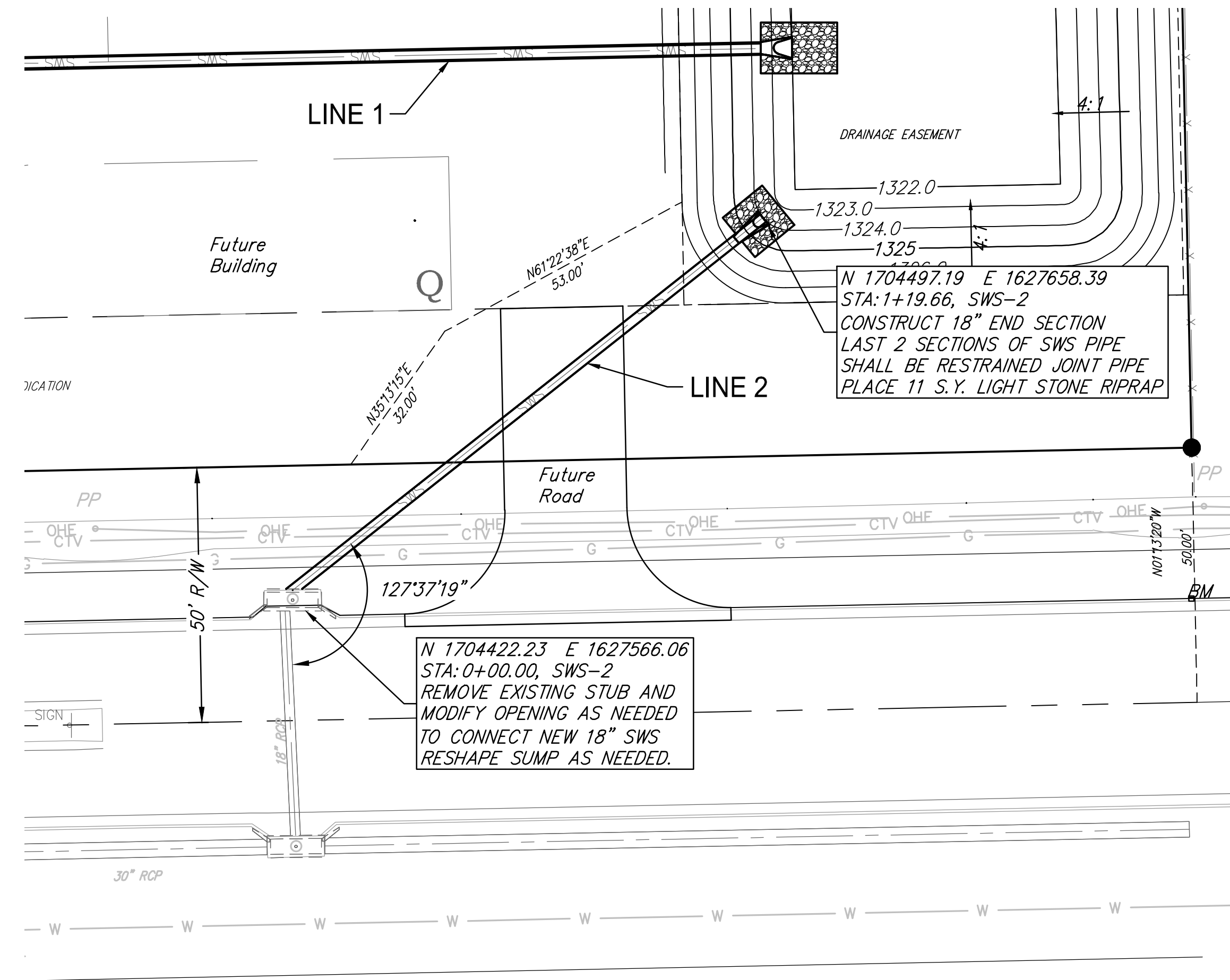
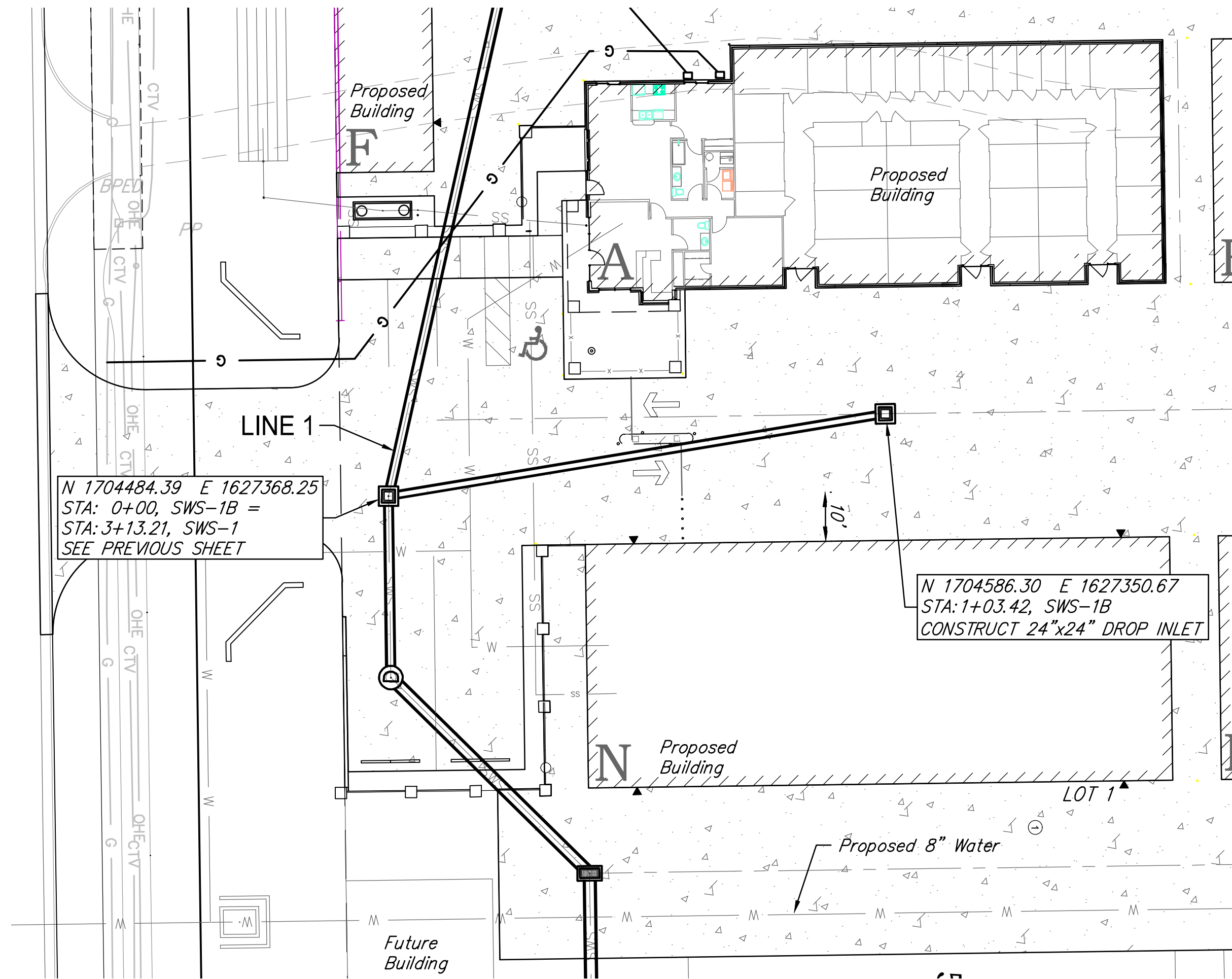
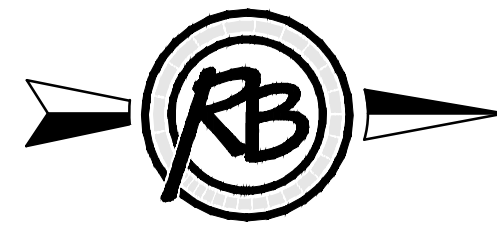


RUGGLES BOHM
 ARCHITECTS & ENGINEERS
 15373
 5-26-16
 KANSAS
 PROFESSIONAL ENGINEER

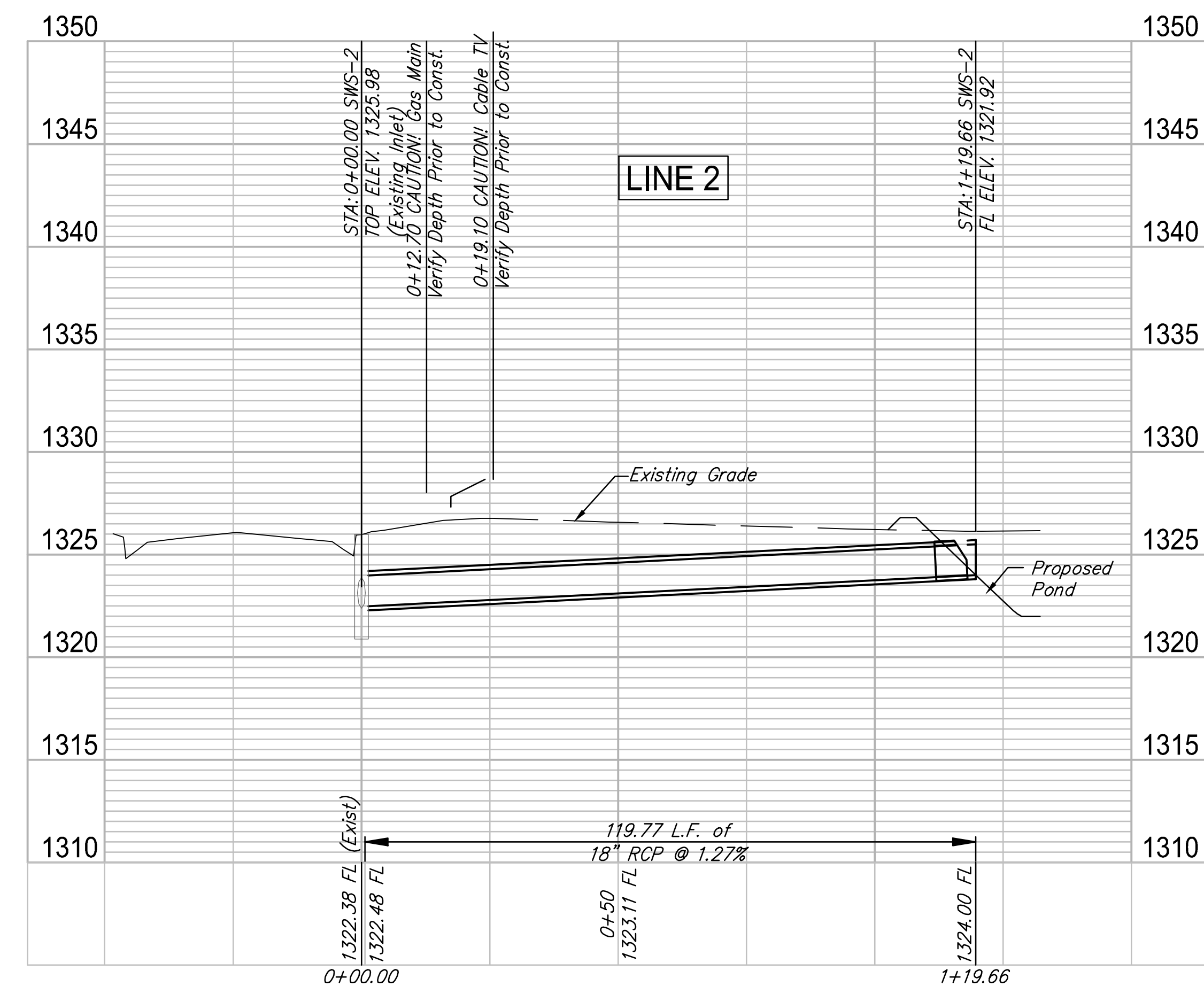


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DESIGN	DRAWN	DRS
PROJECT NUMBER	DRAWING FILE	4673E SWS Line 1
Terrace Sands Addition SWS Line 1		
Wichita, Kansas		
REVISION	DATE	
2		
OF		
10		

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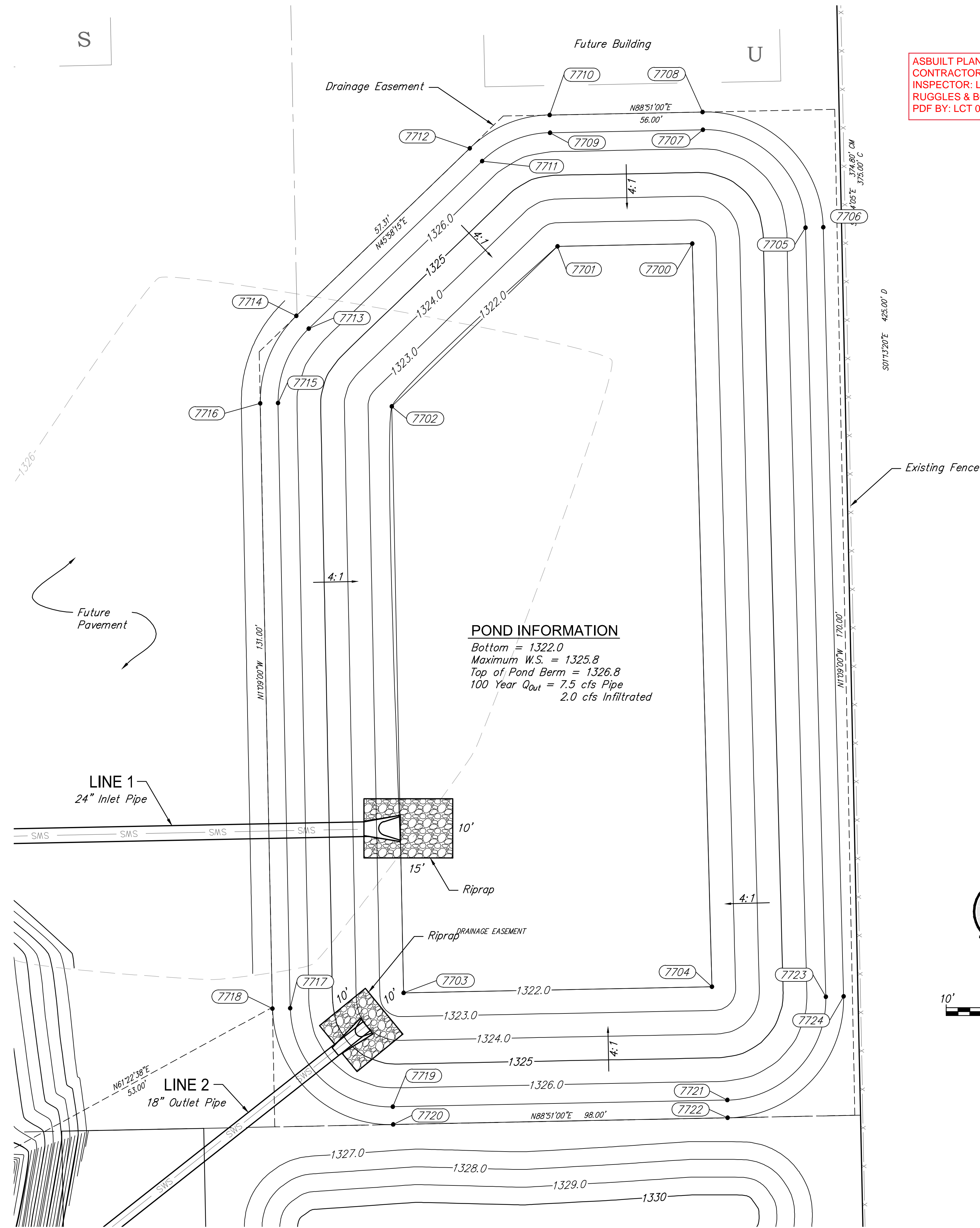


ASBUILT PLANS
CONTRACTOR: WILKS UNDERGROUND
INSPECTOR: LEVI TURNER
RUGGLES & BOHM
PDF BY: LCT 08/10/2016



REVIEW	DATE	5-17-2016
DESIGN	DRAWN	DRS
PROJECT NUMBER	DRAWING FILE	4673E SWS Line 2
Terrace Sands Addition SWS Line 2 Wichita, Kansas		
RB JOB	4673E	
SHEET	3	
OF	10	

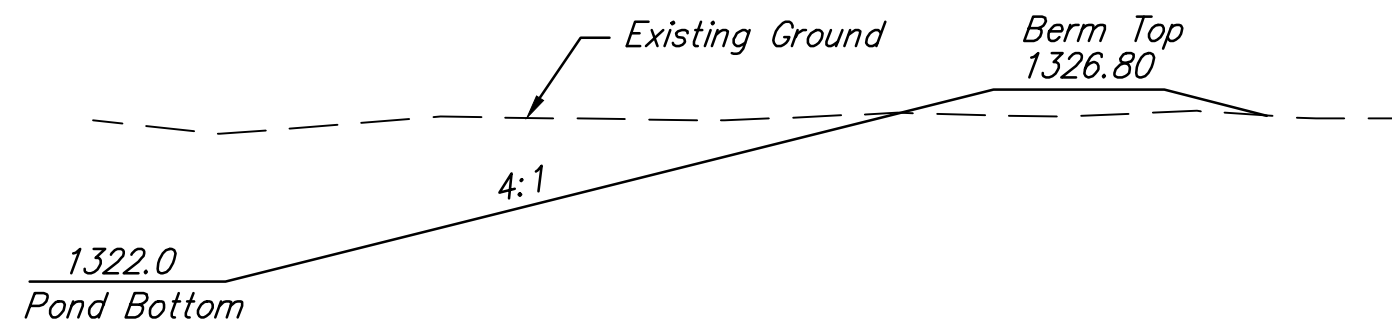
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ASBUILT PLANS
 CONTRACTOR: WILKS UNDERGROUND
 INSPECTOR: LEVI TURNER
 RUGGLES & BOHM
 PDF BY: LCT 08/10/2016

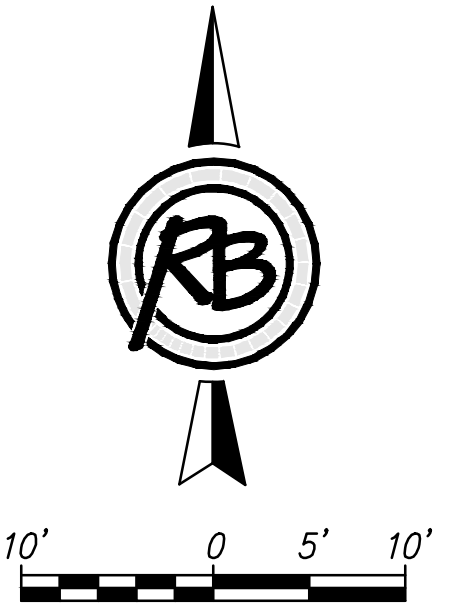
POND INFORMATION
 Bottom = 1322.0
 Maximum W.S. = 1325.8
 Top of Pond Berm = 1326.8
 100 Year Q_{out} = 7.5 cfs Pipe
 2.0 cfs Infiltrated

Point Table				
Point #	Elevation	Northing	Easting	Description
7700	1322.00	1704629.39	1627713.37	POND BOTTOM
7701	1322.00	1704628.94	1627690.62	POND BOTTOM
7702	1322.00	1704601.89	1627662.62	POND BOTTOM
7703	1322.00	1704502.79	1627664.61	POND BOTTOM
7704	1322.00	1704503.83	1627716.70	POND BOTTOM
7705	1326.80	1704632.09	1627732.51	POND TOP
7706	1326.80	1704632.17	1627735.51	POND TOP
7707	1326.80	1704648.63	1627715.17	POND TOP
7708	1326.80	1704651.63	1627715.11	POND TOP
7709	1326.80	1704648.11	1627689.35	POND TOP
7710	1326.80	1704651.11	1627689.29	POND TOP
7711	1326.80	1704643.34	1627677.88	POND TOP
7712	1326.80	1704645.50	1627675.79	POND TOP
7713	1326.80	1704615.03	1627648.59	POND TOP
7714	1326.80	1704617.18	1627646.51	POND TOP
7715	1326.80	1704602.46	1627643.41	POND TOP
7716	1326.80	1704602.40	1627640.41	POND TOP
7717	1326.80	1704500.20	1627645.46	POND TOP
7718	1326.80	1704500.14	1627642.46	POND TOP
7719	1326.80	1704483.55	1627662.80	POND TOP
7720	1326.80	1704480.55	1627662.86	POND TOP
7721	1326.80	1704484.68	1627719.30	POND TOP
7722	1326.80	1704481.68	1627719.36	POND TOP
7723	1326.80	1704502.13	1627735.95	POND TOP
7724	1326.80	1704502.21	1627738.95	POND TOP



TYPICAL SECTION

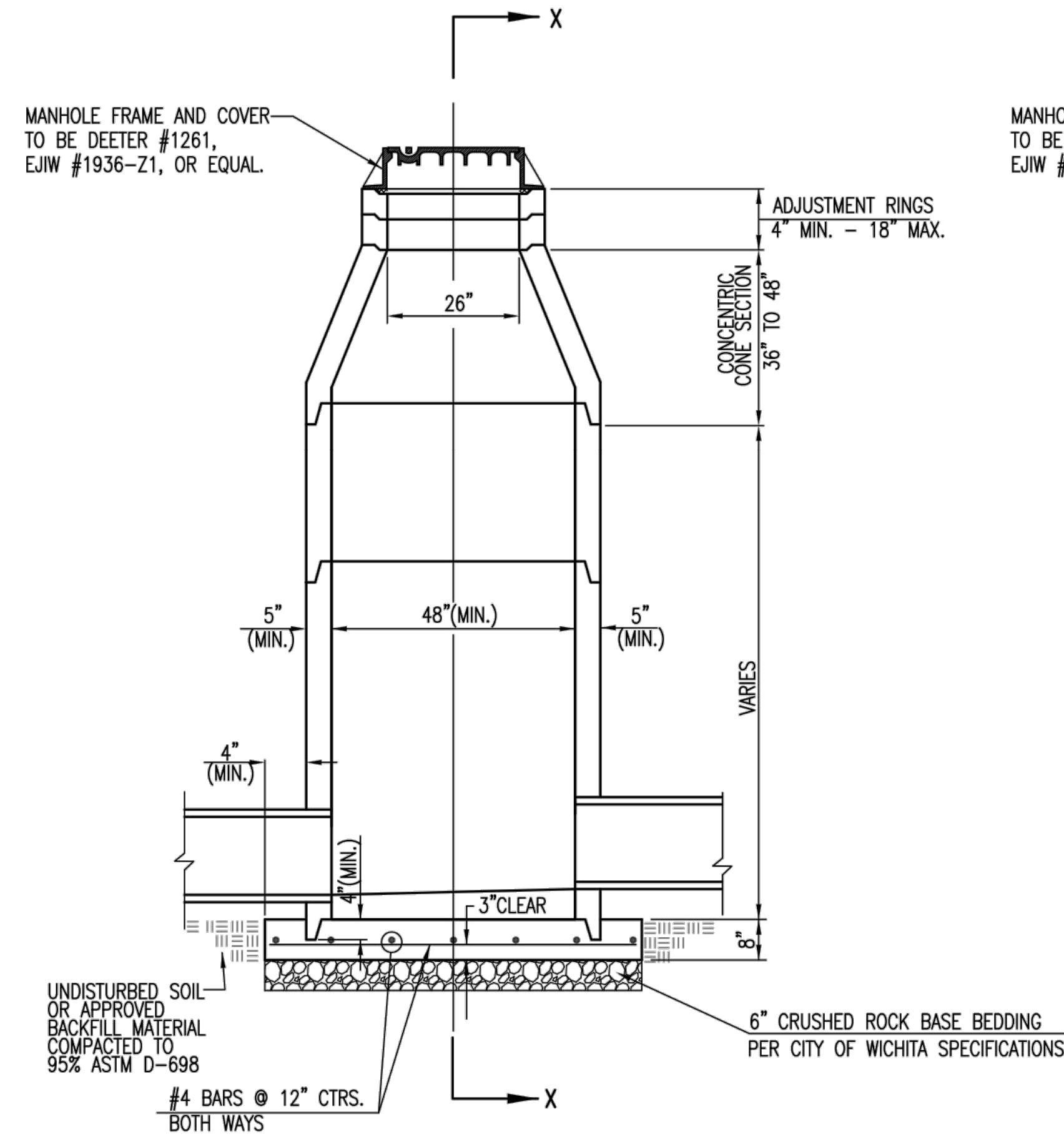
- NOTES:
- Contractor shall take care to prevent compaction of silts, clays, and other fill dirt into existing sand lining of pond.
 - Pipe End Sections shall be field adjusted to match pond slope.
 - 4" of topsoil shall be placed over sand in areas above 1326.8 elevation.
 - See Subdivision drainage plan dated 11-5-15 for more information.



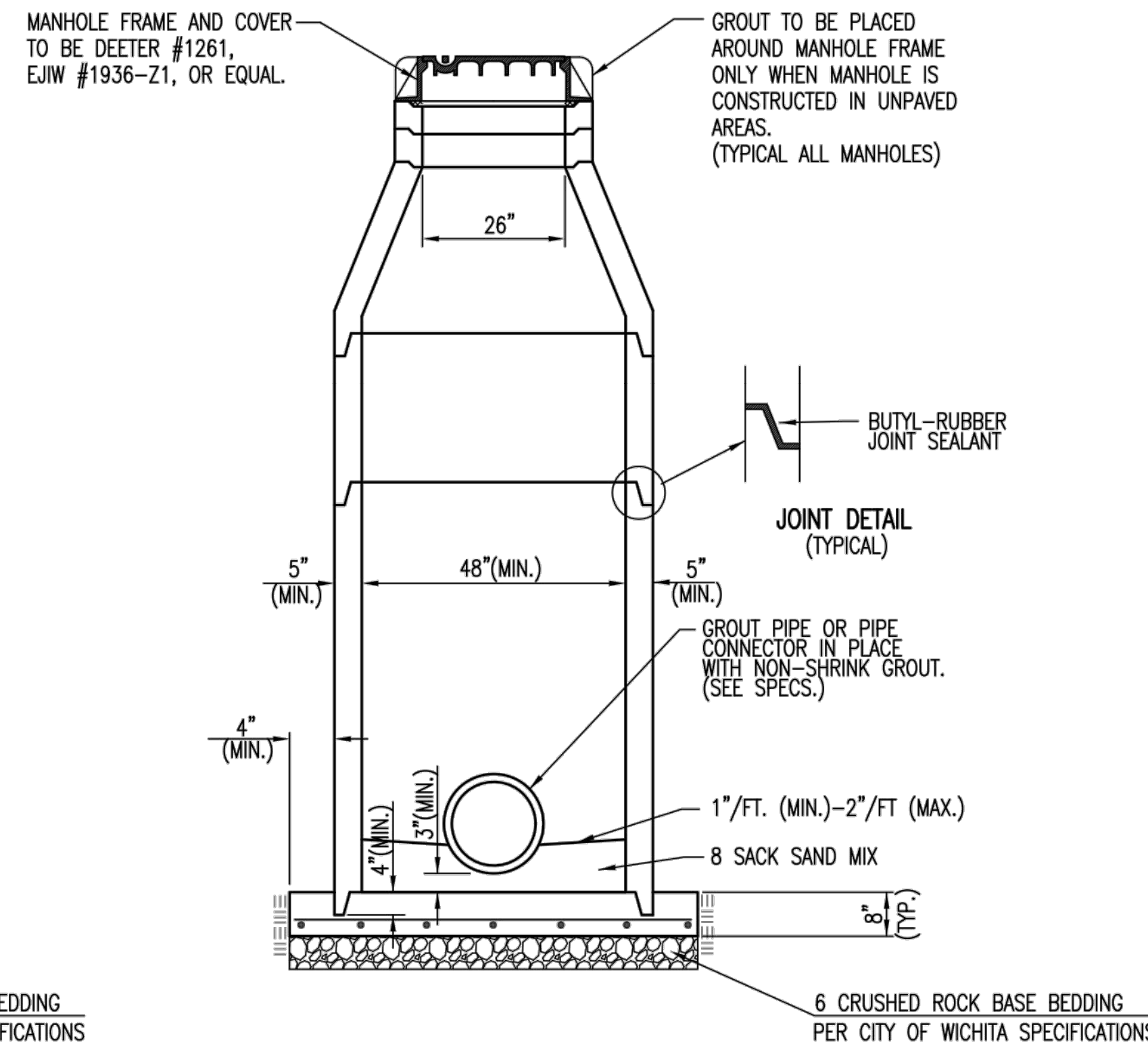
**Terrace Sands Addition
Pond-SWS**

		DATE 5-17-2016
	ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE GOVERNMENT 924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621 WWW.RUGGLESANDBOHM.COM	DESIGN KWL DRAWN DRS REVIEW SHEET
PROJECT NUMBER 4673E	DWG. SCALE ...	4 OF 10

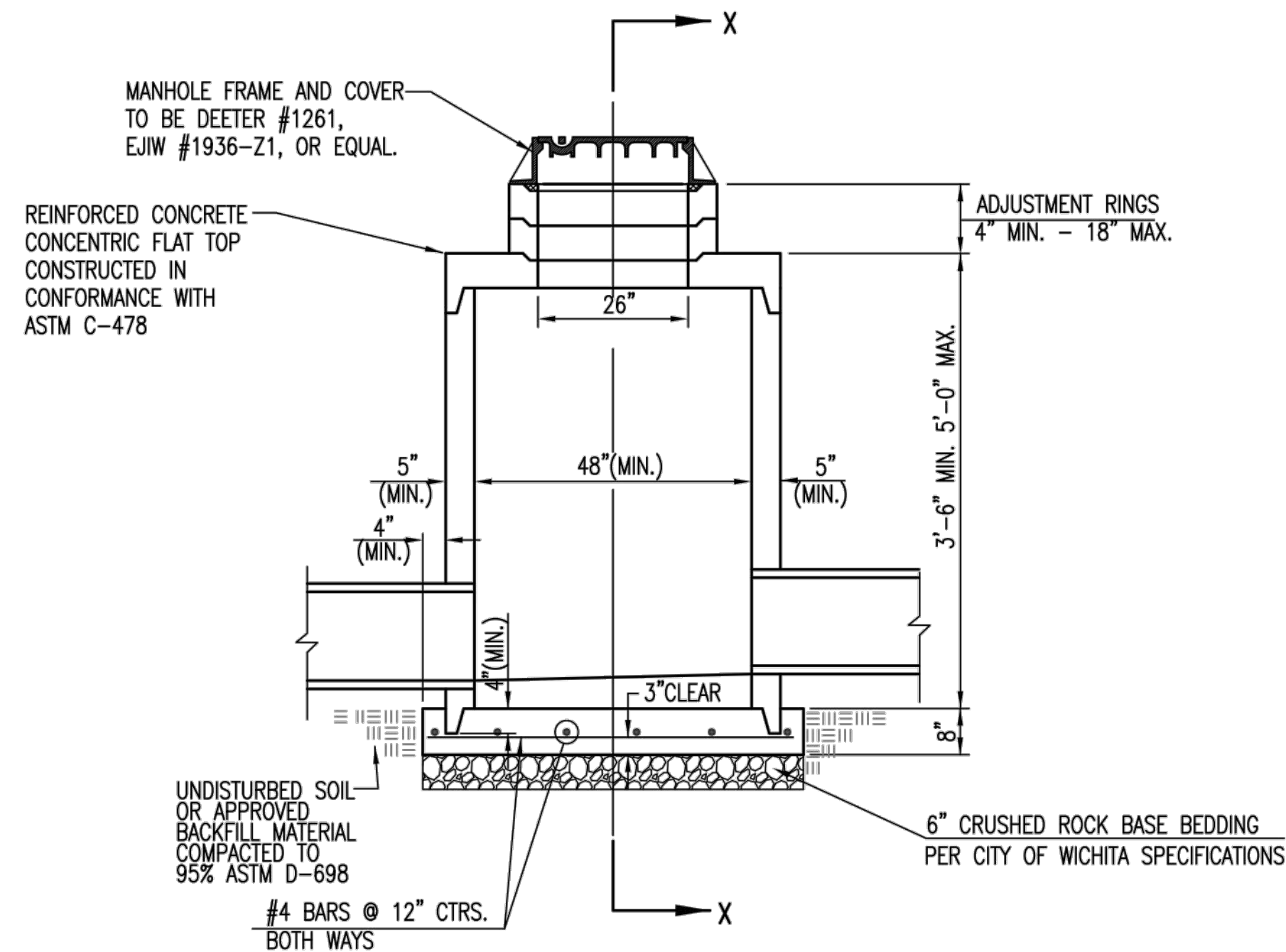
4673E Engineering Base [Pond-SWS]



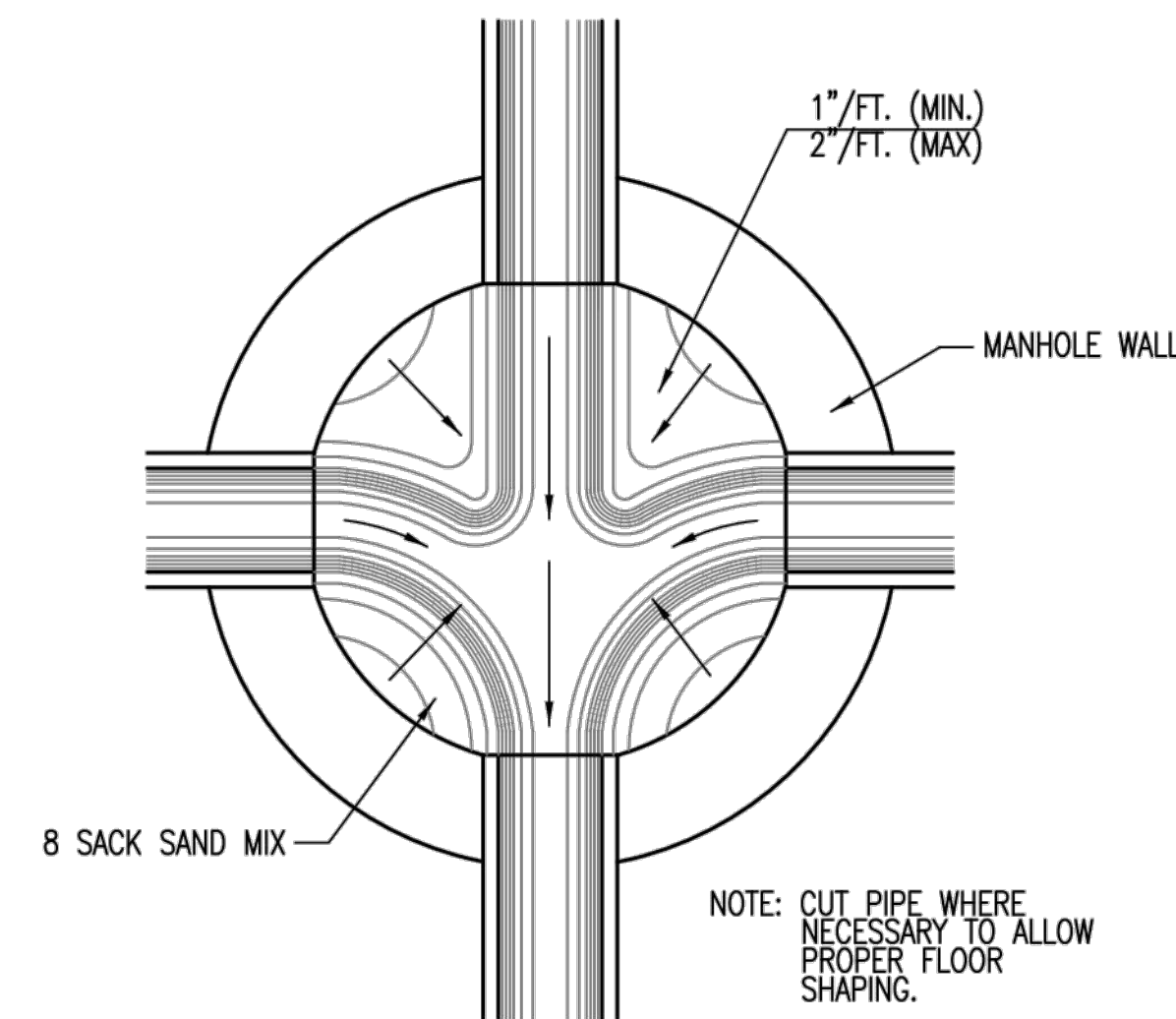
PRECAST STANDARD MANHOLE TYPE "A"



SECTION X-X (TYPICAL)



PRECAST SHALLOW MANHOLE TYPE "B"



TYPICAL MANHOLE FLOOR SHAPING

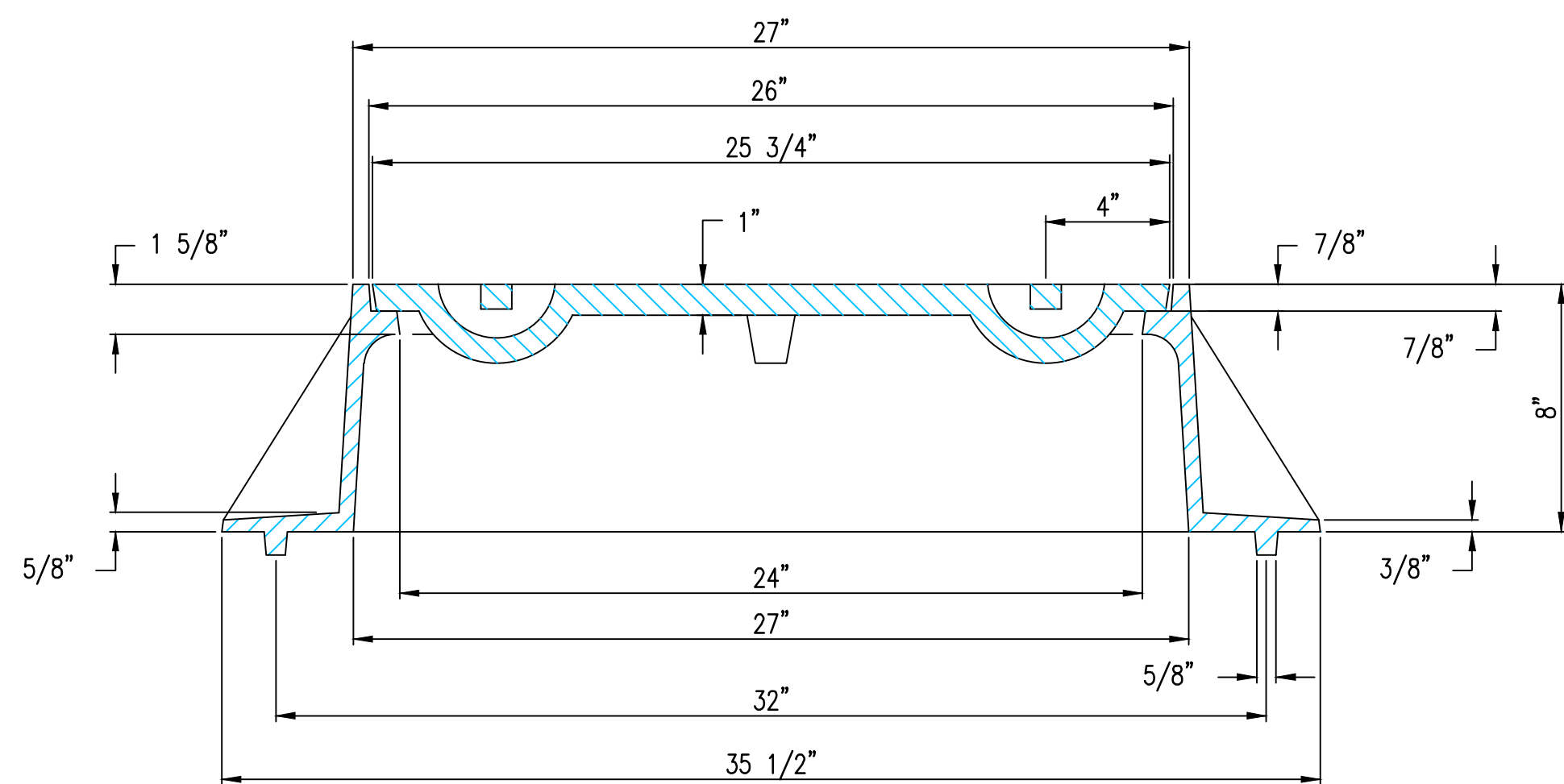
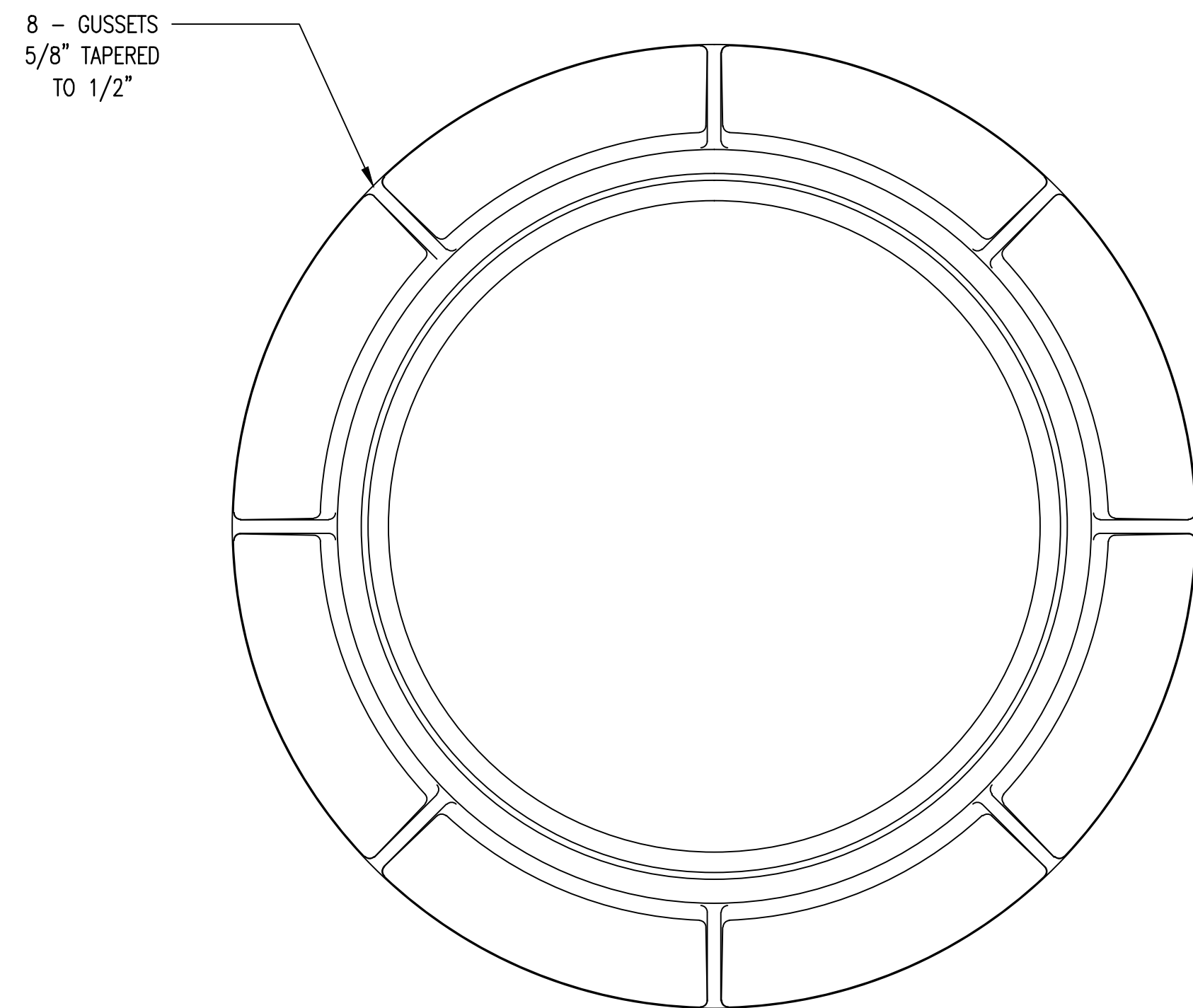
GENERAL NOTES

- 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.

C-25

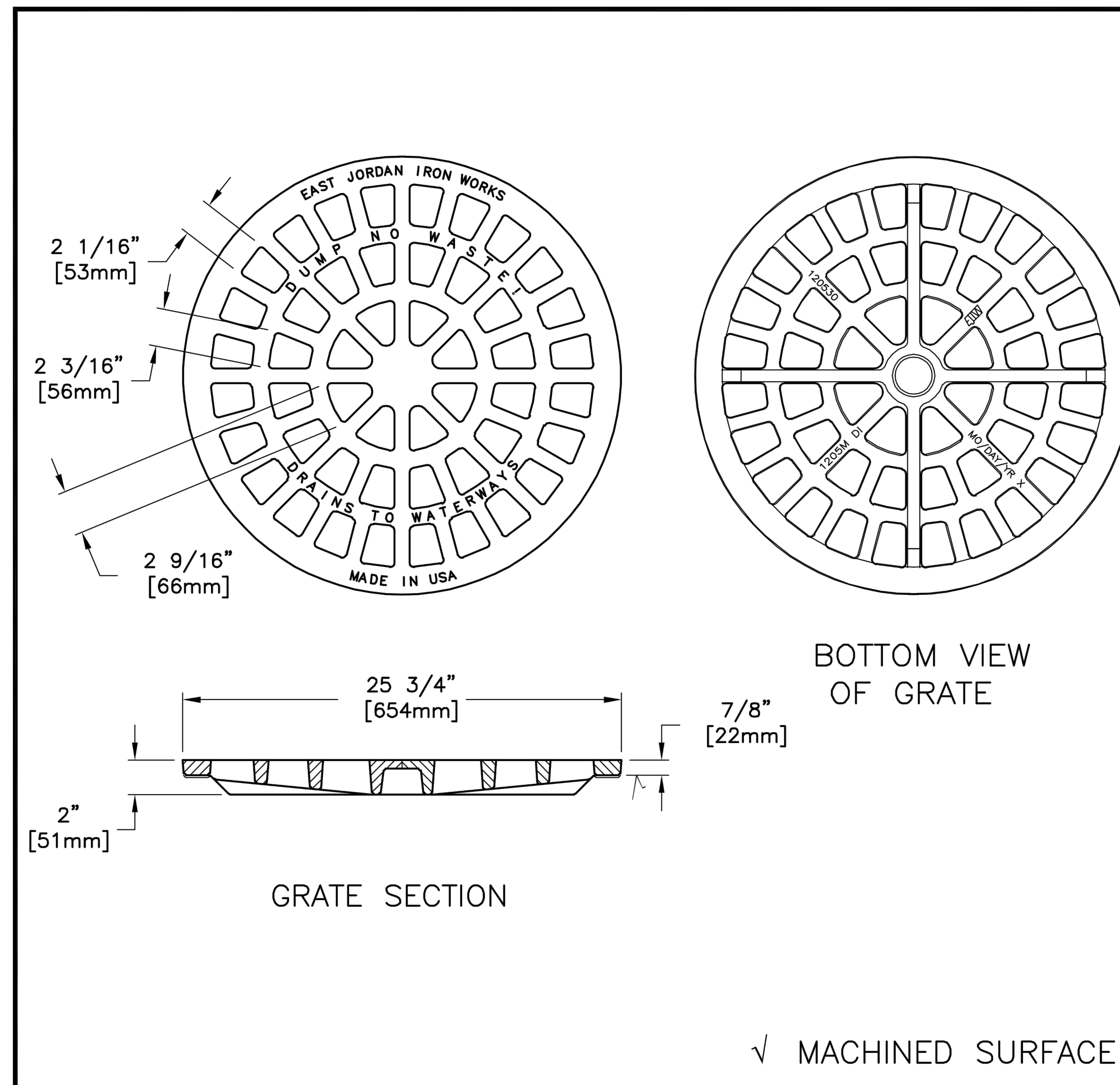
PRECAST CONCRETE MANHOLE (STORM SEWER)

CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER	OCA NUMBER	DATE
-	0395	11/2010
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 5 10



MANHOLE FRAME
DEETER #1261 OR EJIW #1936-Z1

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



EAST JORDAN
IRON WORKS, INC.
P.O. BOX 439
EAST JORDAN, MI. 49727
1-800-874-4100
FAX 231-536-4458

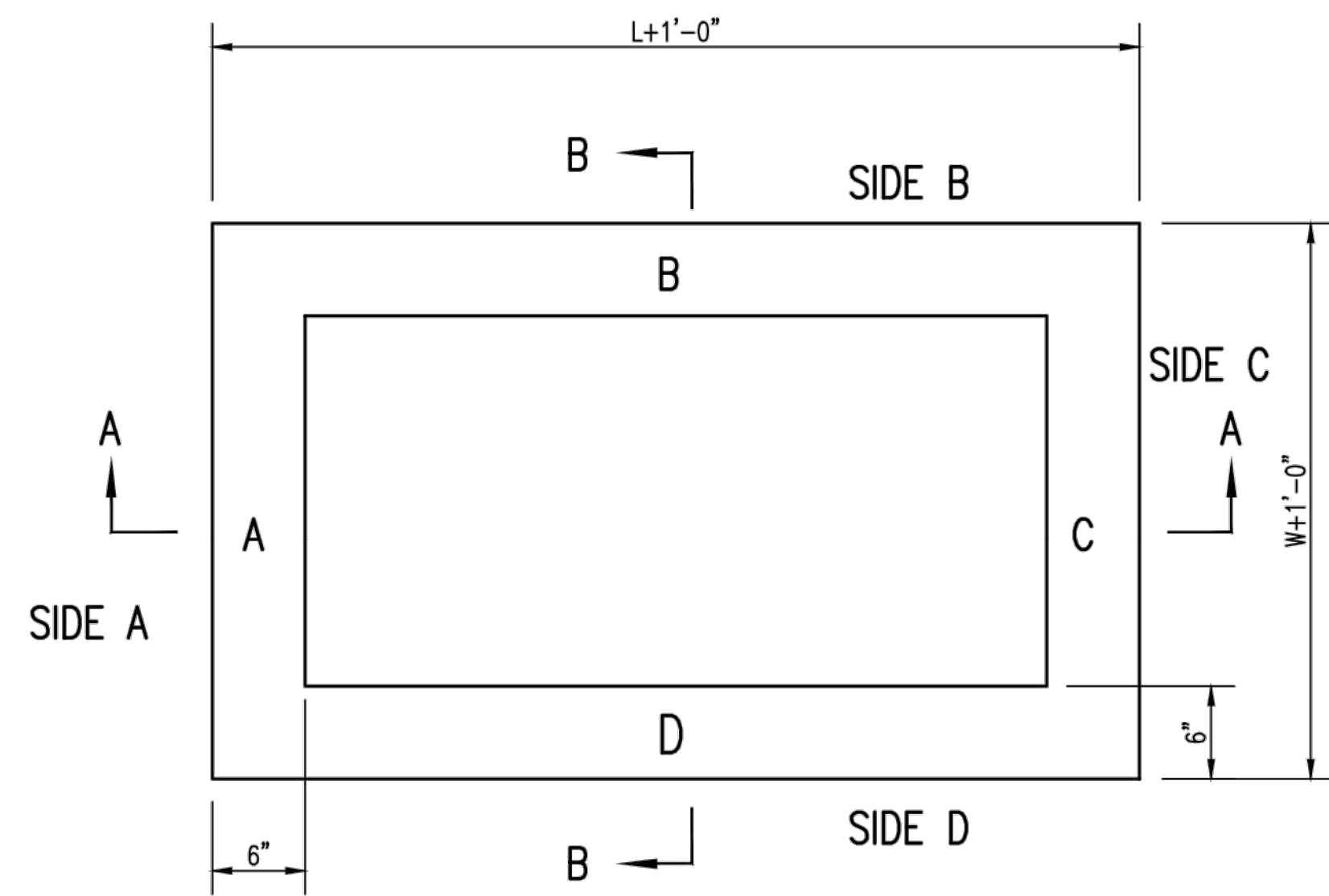
DRAWN SBB	DATE 09/08/04
APPROVED	DATE

MANHOLE GRATE	
PRODUCT NO.	00120530
CATALOG NO.	1205MDI
REF. PRODUCT DRAWING	120530
EST. WT.	GRATE: 105 LBS 48kg
OPEN AREA	200 SQ. IN. 1290 SQ. CM.
MAT'L SPEC.	GRATE - DUCTILE IRON ASTM A536
LOAD RATING	HEAVY DUTY

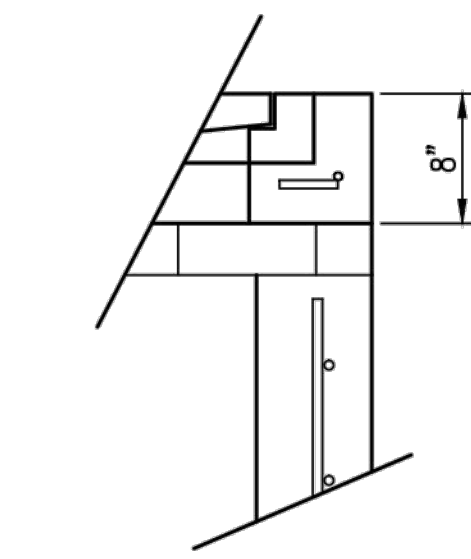
C-26

Terrace Sands Addition MH Frame & Grate Details			
SEAL	RUGGLES & BOHM <small>ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE GOVERNMENT</small> <small>924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621 WWW.RBKANSAS.COM</small>		<small>DATE</small> 5-17-2016 <small>DESIGN</small> KWL <small>DRAWN</small> DRS <small>REVIEW</small>
PROJECT NUMBER	RB JOB NO.	DWG. SCALE	SHEET
	4673E	...	6
DRAWING FILE Storm Sewer Details [MH Frame & Grate Details]			OF 10

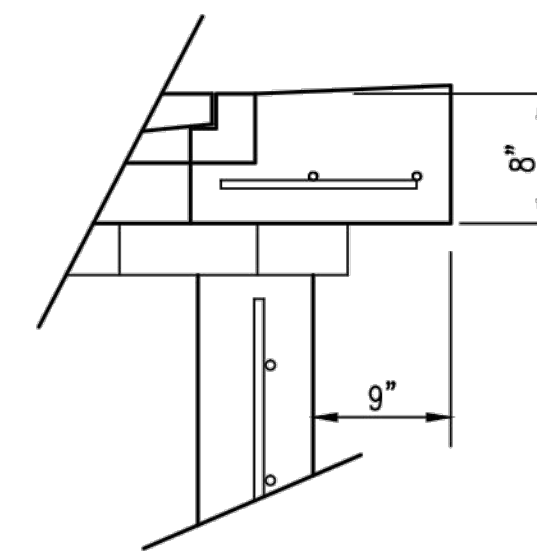
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TOP VIEW

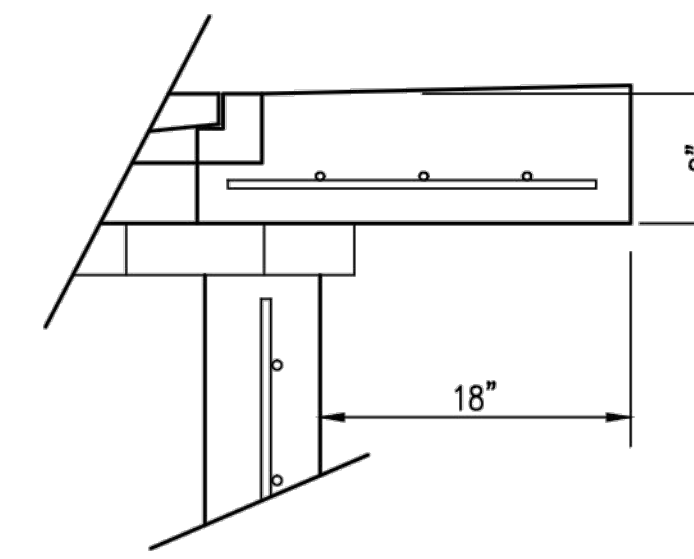


FLUSH STYLE TOP
NO APRON



9" APRON

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



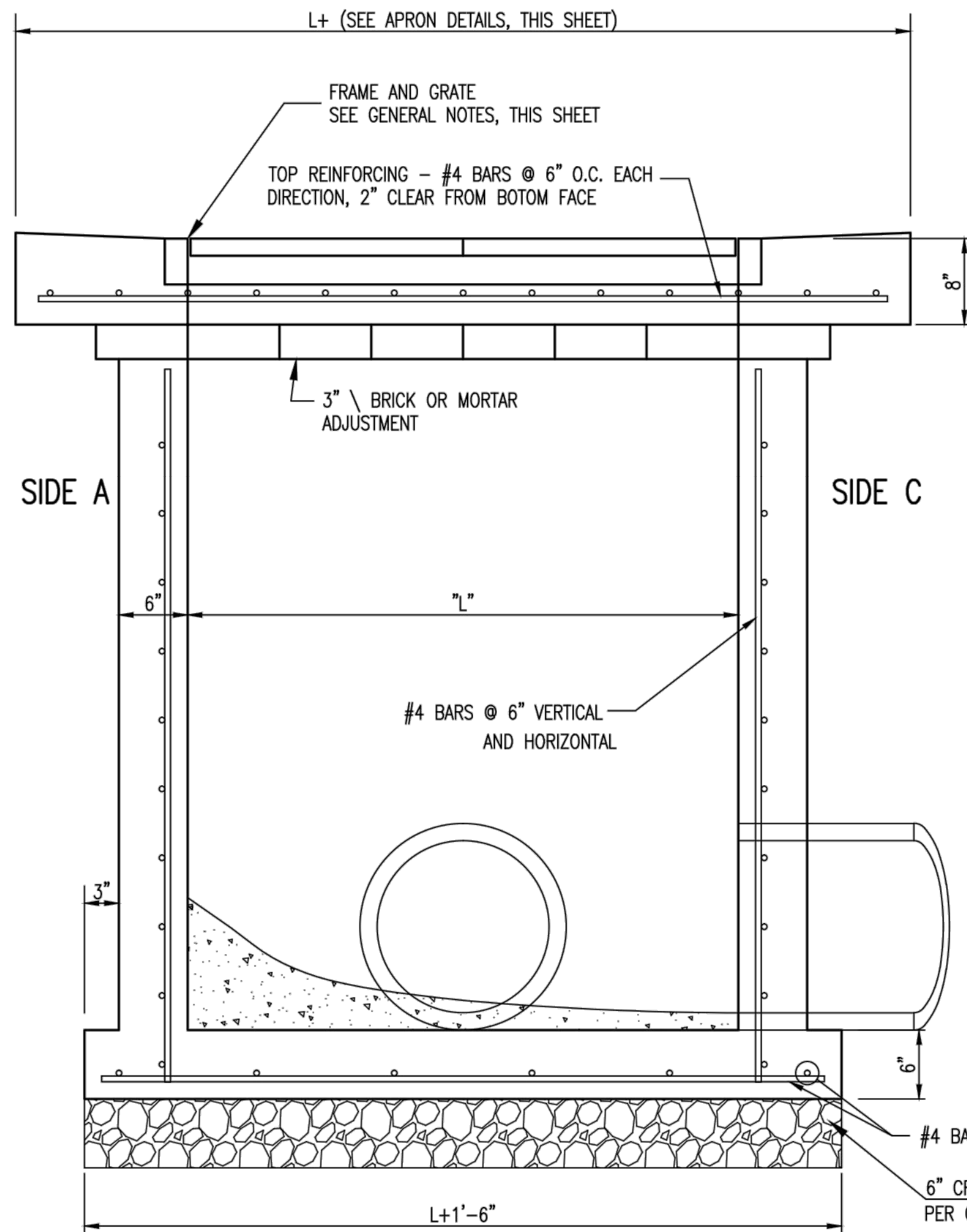
18" APRON

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

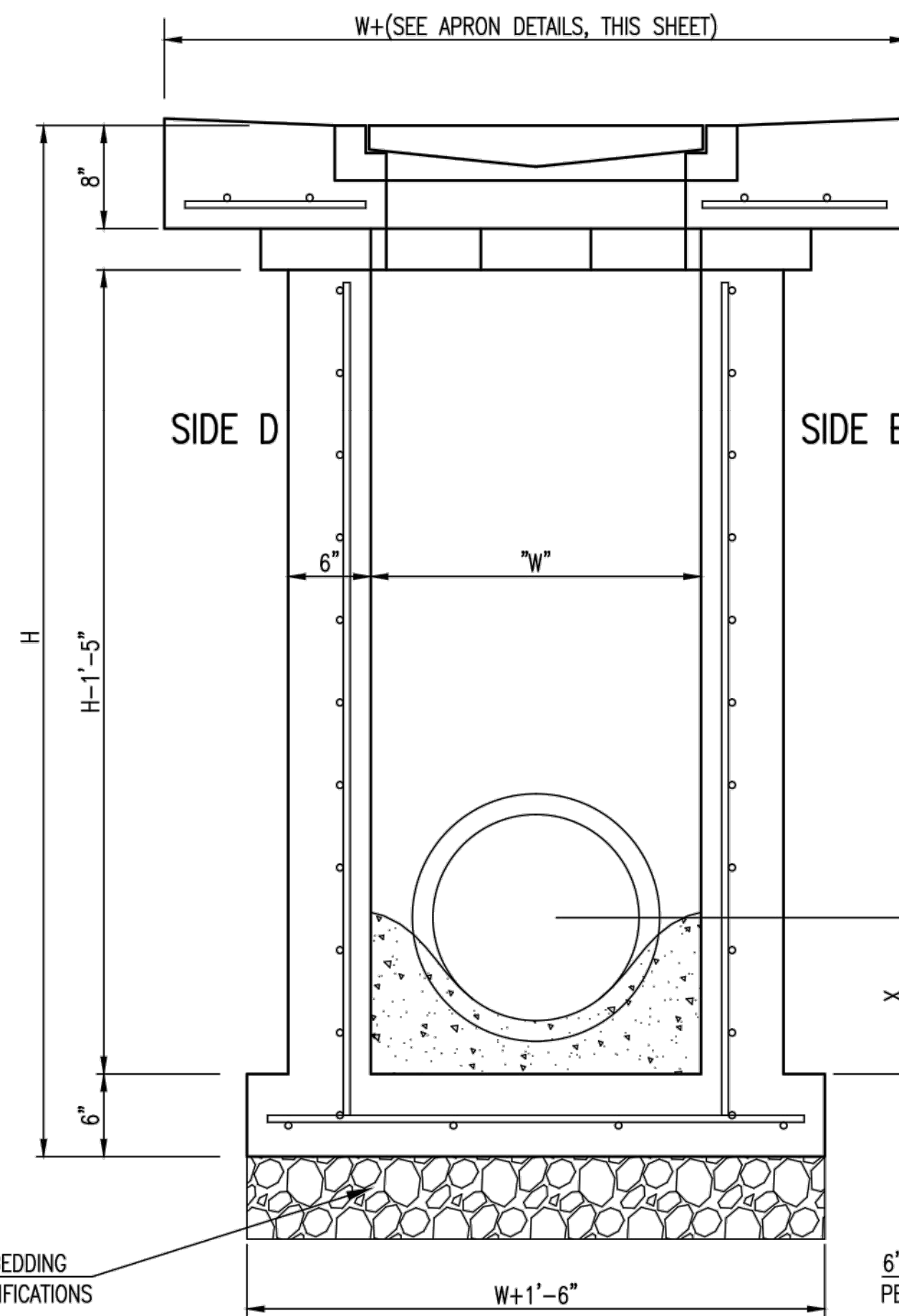
The structure(s) on this detail sheet are designed for HS-20 loading at these specific dimensions only. If larger dimensions are required, the ENGINEER shall provide a project specific structure design for approval by the City Engineer's office.

GENERAL NOTES

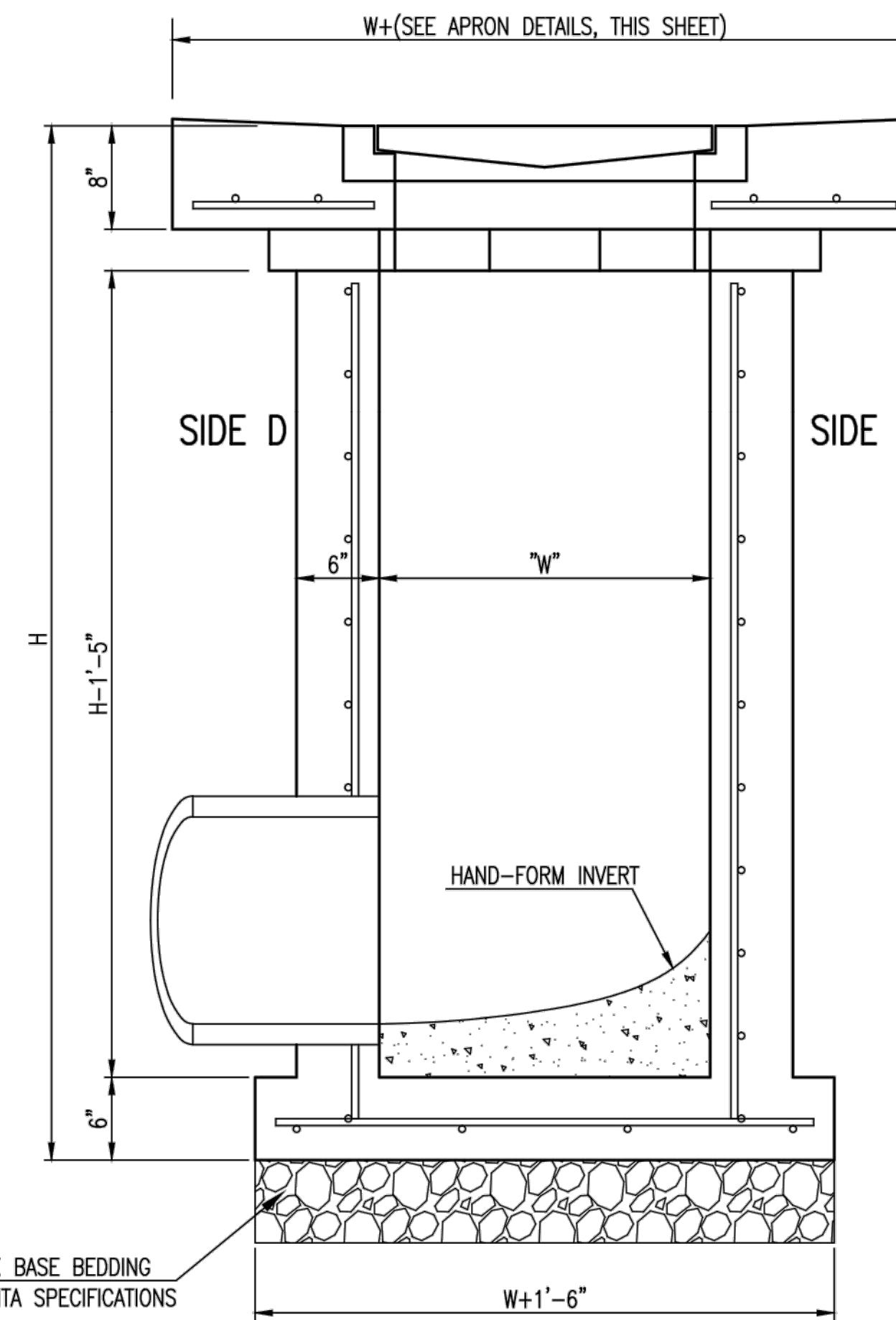
1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE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

C-27



SINGLE/DOUBLE
DROP INLET

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
-	0395	05/2011

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET	7
	10

Manufacturer's Maintenance Recommendations:

* Monthly monitoring for the first year of a new installation after the site has been stabilized.

* Measurements should be taken after each rain event of .5 inches or more, or monthly, as determined by local weather conditions.

* Checking sediment depth and noting the surface pollutants in the structure will be helpful in planning maintenance.

* The pollutants collected in SNOUT equipped structures will consist of floatable debris and oils on the surface of the captured water, and grit and sediment on the bottom of the structure.

* It is best to schedule maintenance based on the solids collected in the sump.

* Optimally, the structure should be cleaned when the sump is half full (e.g. when 2 feet of material collects in a 4 foot sump, clean it out).

* Structures should also be cleaned if a spill or other incident causes a larger than normal accumulation of pollutants in a structure.

* Maintenance is best done with a vacuum truck.

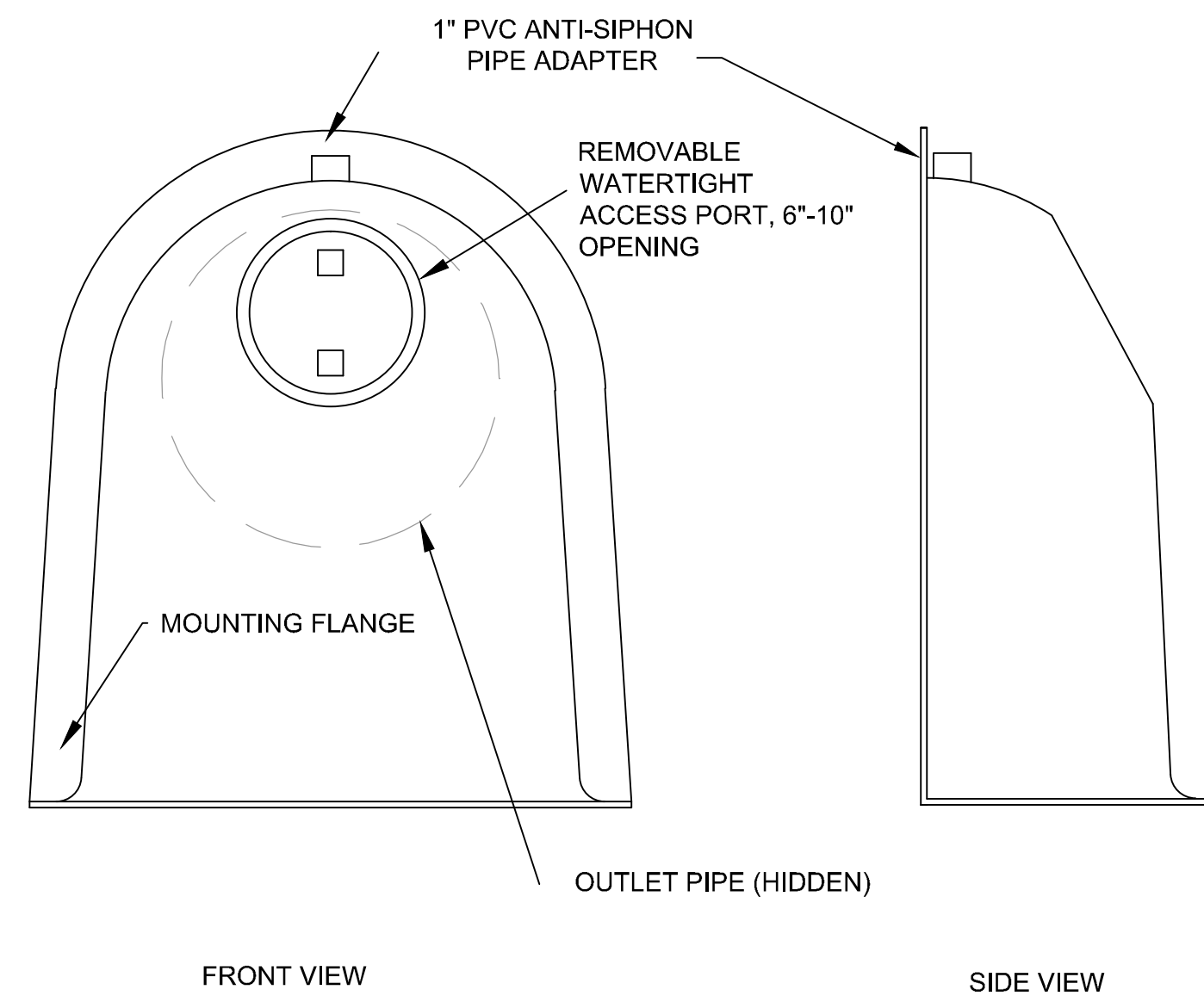
* If Bio-Skirts™ are being used in the structure to enhance hydrocarbon capture and/or bacteria removals, they should be checked on a monthly basis, and serviced or replaced when more than 2/3 of the boom is submerged, indicating a nearly saturated state. Assuming a typical pollutant-loading environment exists, Bio-Skirts should be serviced* or replaced annually.

* In the case of an oil spill, the structure should be serviced and Bio-Skirts replaced (if any) immediately

* All collected wastes must be handled and disposed of according to local environmental requirements.

* To maintain the SNOUT hoods themselves, an annual inspection of the anti-siphon vent and access hatch are recommended. A simple flushing of the vent, or a gentle rodding with a flexible wire are all that's typically needed to maintain the anti-siphon properties. Opening and closing the access hatch once a year ensures a lifetime of trouble-free service.

CONFIGURATION DETAIL



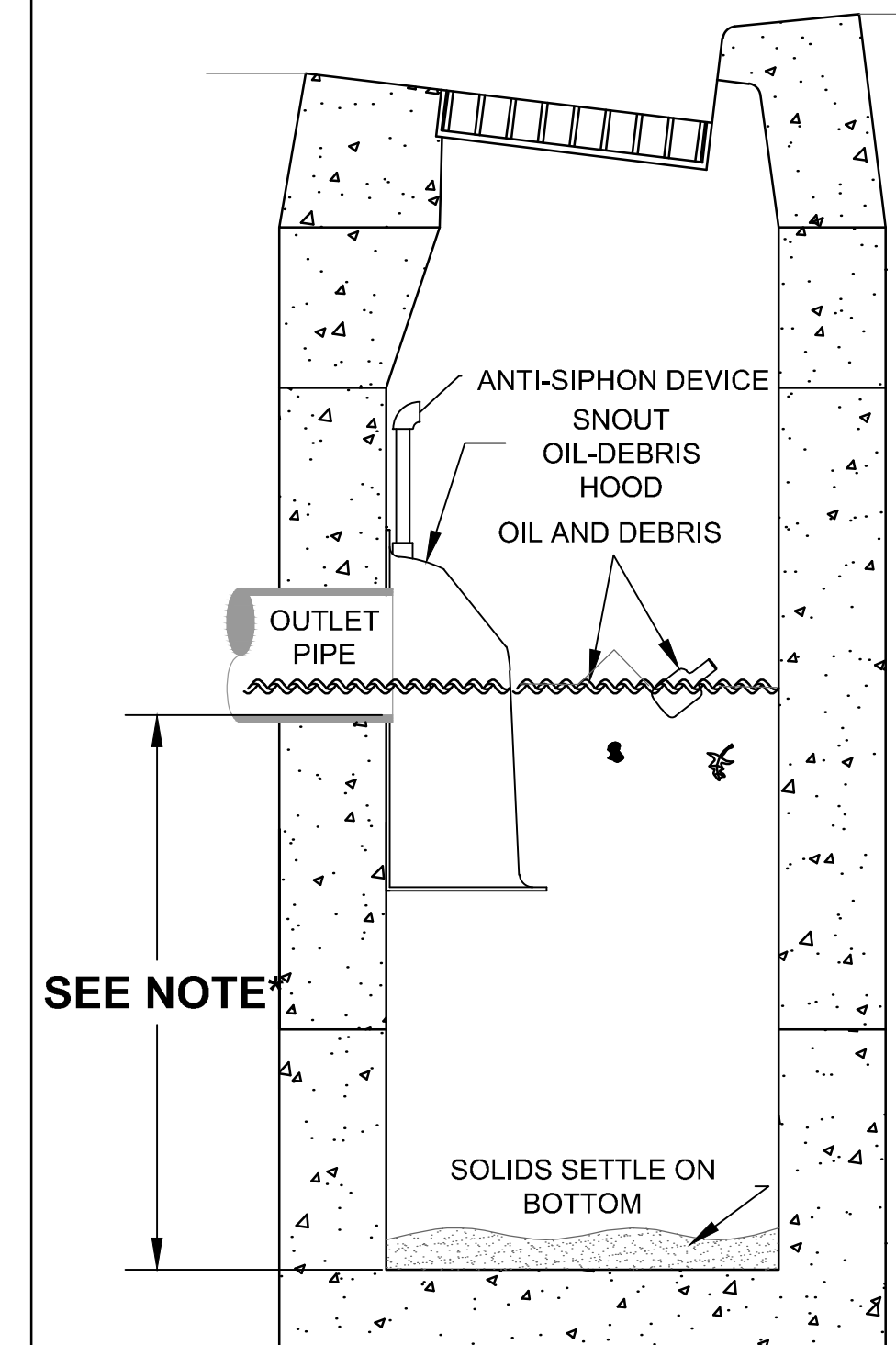
SNOUT OIL-WATER-DEBRIS SEPARATOR

NOTES:

- ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY:
BEST MANAGEMENT PRODUCTS, INC.
53 MT. ARCHER RD.
LYME, CT 06371
(860) 434-0277, (860) 434-3195 FAX
TOLL FREE: (800) 504-8008 OR (888) 434-0277
WEB SITE: www.bmpinc.com
OR PRE-APPROVED EQUAL
- ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
- ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT PIPE AND ELBOW AS DRAWN. (SEE CONFIGURATION DETAIL)
- THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION (SNOUT SIZE ALWAYS LARGER THAN PIPE SIZE).
- THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A MINIMUM DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
- THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 12" ACCORDING TO STRUCTURE CONFIGURATION.
- THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL AND PIPE SHALL BE FINISHED FLUSH TO WALL.
- THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
- INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
INSTALLATION KIT SHALL INCLUDE:
A. INSTALLATION INSTRUCTIONS
B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
D. 3/8" STAINLESS STEEL BOLTS
E. ANCHOR SHIELDS

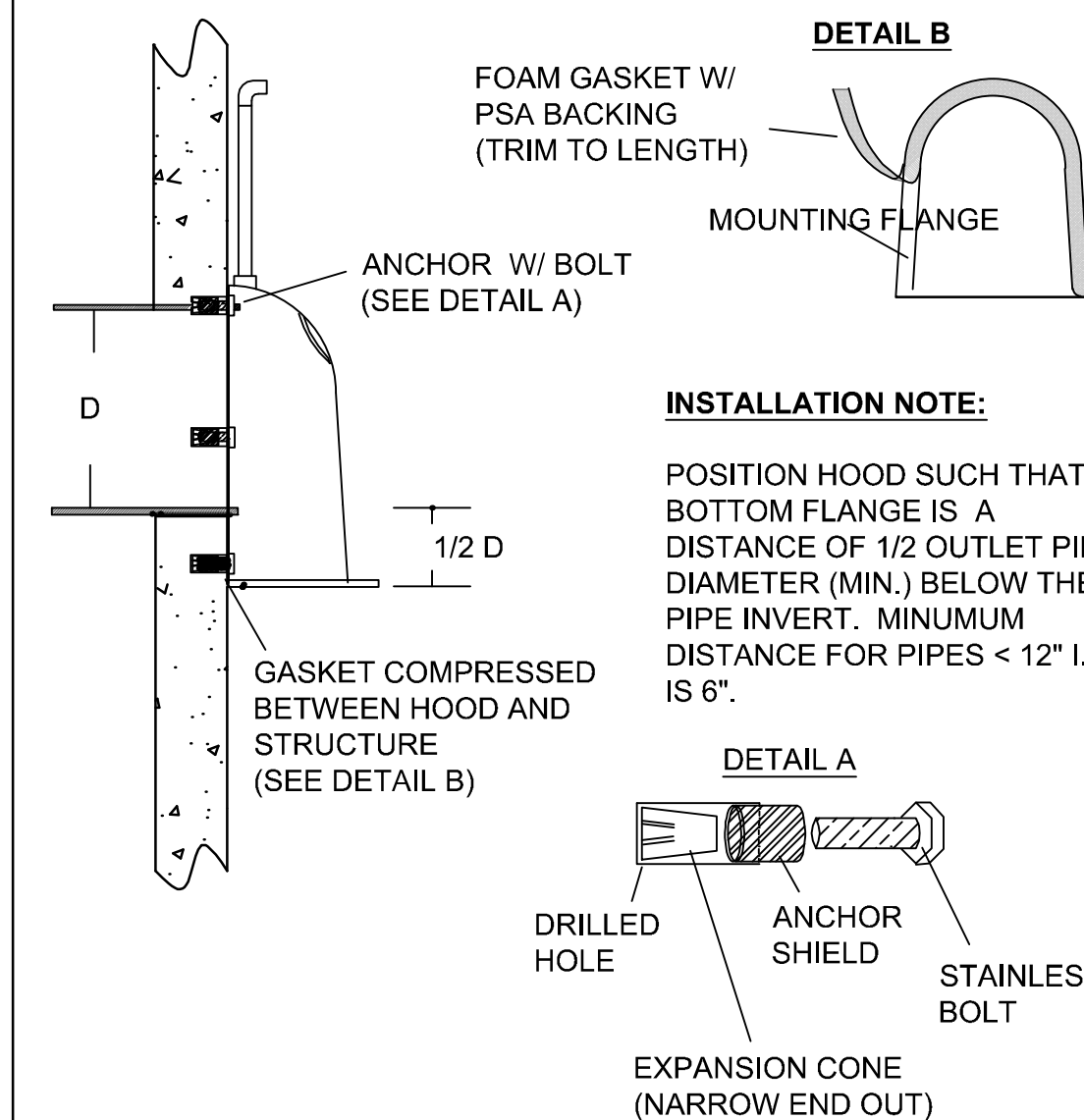
US Patent # 6126817

TYPICAL INSTALLATION



*NOTE- SUMP DEPTH OF 36" MIN. FOR < OR= 12" DIAM. OUTLET. FOR OUTLETS >OR= 15", DEPTH = 2.5-3X DIAM.

INSTALLATION DETAIL



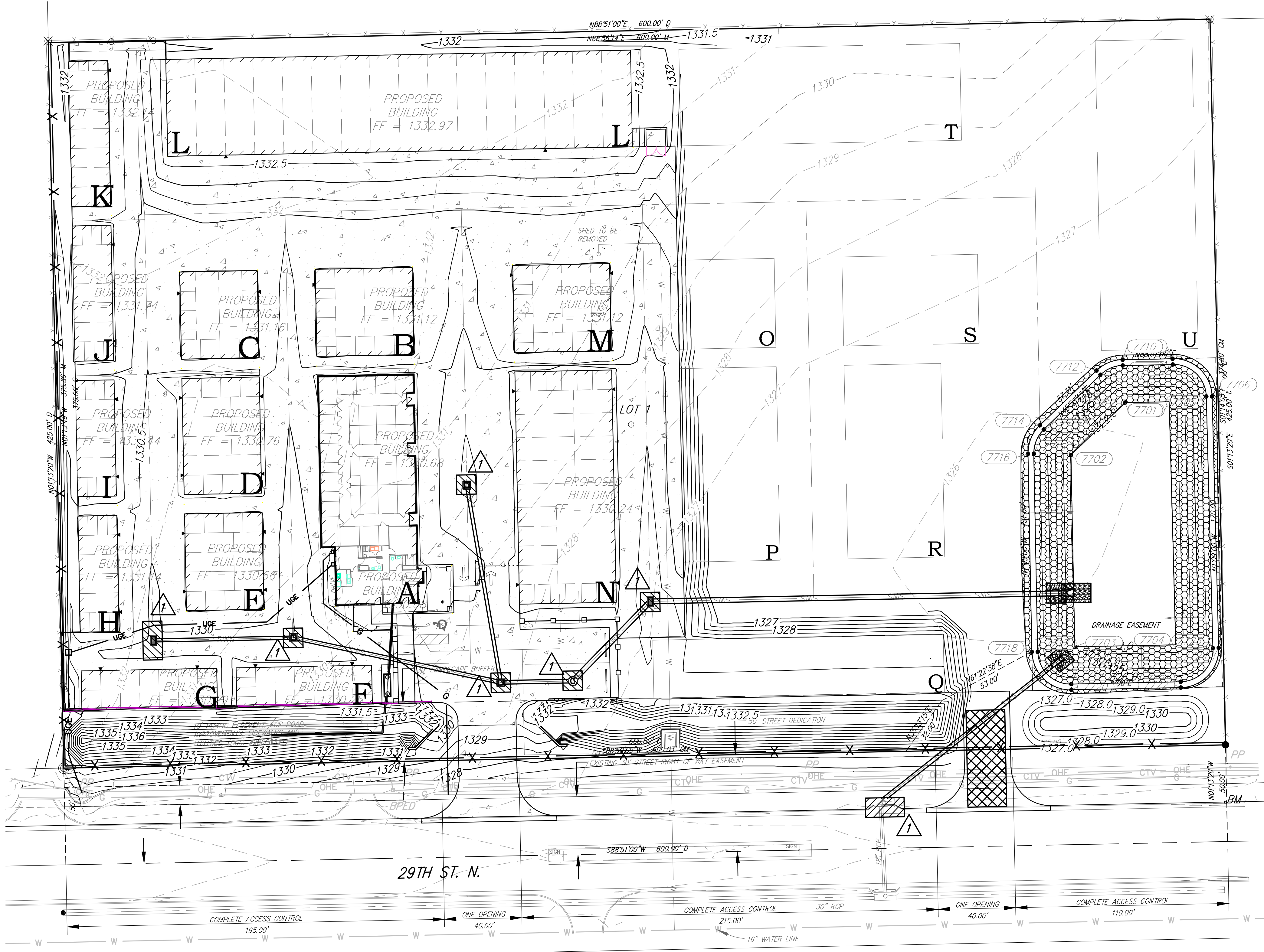
HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES

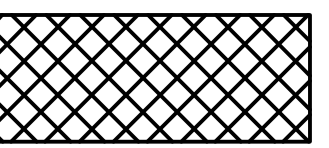
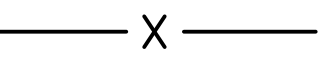
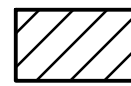

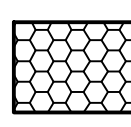
DESCRIPTION	DATE	SCALE
OIL- DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	09/08/00	NONE
DRAWING NUMBER		
SP-SN		

C-28



Terrace Sands Addition
Snout Detail

SEAL	RUGGLES & BOHM ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE GOVERNMENT 924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621 WWW.RBKANSAS.COM	DATE	####
		DESIGN	KWL
PROJECT NUMBER	RB JOB NO.	DWG. SCALE	SHEET
-	4673E	...	8
DRAWING FILE			OF
Storm Sewer Details [Snout Detail]			10



- Legend:**
-  INSTALL Construction Entrance (1 Each)
 -  INSTALL Silt Fence (1000 Lin. Ft.)
 -  INSTALL Inlet Sediment Barrier (7 Each)
 -  INSTALL Outlet Sediment Barrier (Riprap) (2 Each)
 -  INSTALL Curlex Mat (974 Sq. Yds.)

C-29

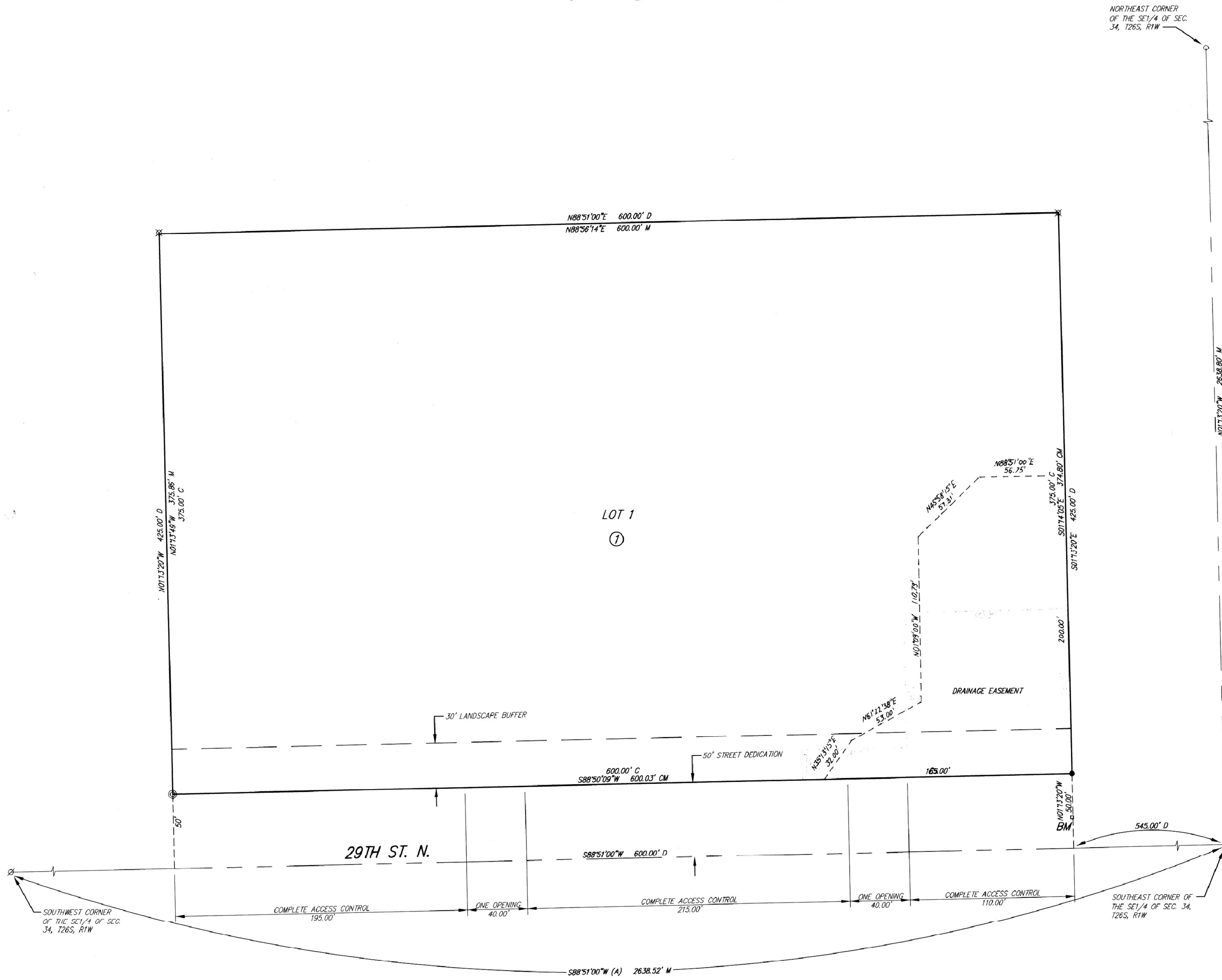
Terrace Sands Addition Erosion Control SWS		DATE 5-17-2016
	 RUGGLES & BOHM <small>ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE GOVERNMENT</small> <small>924 NORTH MAIN WICHITA, KANSAS 67203 P (316) 264-8008 F (316) 264-4621 WWW.RUGGLESANDBOHM.COM</small>	DESIGN KWL
		DRAWN DRS
PROJECT NUMBER 4673E	DRWG. SCALE ...	SHEET 9
DRAWING FILE Erosion Control [Erosion Control SWS]		OF 10

(c) Copyright 2015, Ruggles & Bohm, P.A.

F:\Projects\Projects 4600-4699\4673E (Superior Self Storage-Terrace Sands)\Production Drawings\Erosion Control.dwg

TERRACE SANDS

an Addition to Wichita, Sedgwick County, Kansas



State of Kansas) SS
Sedgwick County)

We, Ruggles & Bohm, P.A., Land Surveyors in aforesaid county and state, do hereby certify that, under the supervision of the undersigned, we have surveyed and platted "TERRACE SANDS", an Addition to Wichita, Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as follows:

Beginning 545 feet West of the Southeast corner of the Southeast Quarter of Section 34, Township 26 South, Range 1 West of the 6th P.M., Sedgwick County, Kansas; thence West 600 feet; thence North 425 feet; thence East 600 feet; thence South 425 feet to the place of beginning.

All public easements and dedications are hereby vacated by virtue of K.S.A. 12-512b, as amended.

Ruggles & Bohm, P.A.
William K. Clevenger Land Surveyor
15-1437
12/17/15
KANSAS
LAND SURVEYOR

Know all men by these presents that we, the undersigned, have caused the land described in the surveyor's certificate to be platted into a Lot, a Block and a Street, to be known as "TERRACE SANDS", an Addition to Wichita, Sedgwick County, Kansas. The drainage easement is hereby granted to the public as indicated for drainage purposes. No signs, light poles, private drainage systems, masonry trash enclosures or other structures shall be located within public utility easements. No buildings shall be permitted within the landscape buffer. Access Controls as indicated are hereby granted to the appropriate governing body. A Minimum Pad Elevation for lowest openings on Lot 1 = 1327.0 (NAVD88). The street is hereby dedicated to and for the use of the public. A drainage plan has been developed for this plat and all drainage easements, rights-of-way, or reserves shall remain at established grades, or as modified with the approval of the City Engineer, and unobstructed to allow for the conveyance of stormwater.

Superior Self Storage of Wichita, LLC
Francis Hitschmann
Francis Hitschmann, Manager

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me, this 17th day of December, 2015, by Francis Hitschmann, Manager of Superior Self Storage of Wichita, LLC, on behalf of the corporation.
Sandra L. Bohm Notary Public
Sandra L. Bohm

This plat of "TERRACE SANDS", an Addition to Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 7 day of January, 2016.
Wichita-Sedgwick County Metropolitan Area Planning Commission
Carol Chapman Neugent Chair
Carol Chapman Neugent
Dale Miller Secretary
Dale Miller

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 16 day of January, 2016

At the Direction of the City Council
Jeff Longwell Mayor
Jeff Longwell
Karen Sublett City Clerk
Karen Sublett

Reviewed in accordance with K.S.A. 58-2005 on this 31st day of December, 2015.
Robello Deputy County Surveyor
Robello, LS #1246

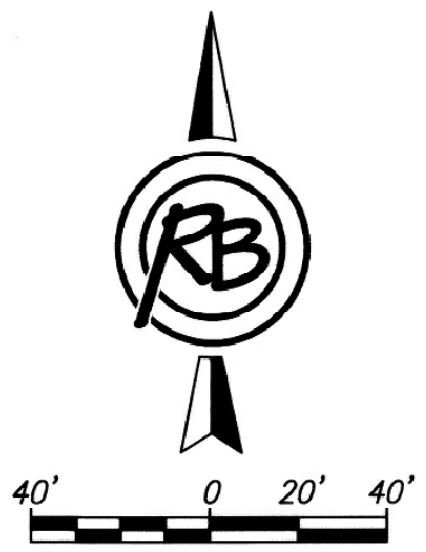
Entered on transfer record this 16th day of May, 2016.
Kelly B. Arnold
Kelly B. Arnold

State of Kansas) SS
Sedgwick County)

This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 17th day of May, 2016, at 3:24:50 o'clock P. M., and is duly recorded.
Tony Buckingham Register of Deeds
Tony Buckingham
Judy J. Paget Deputy
Judy J. Paget

C-30

Sheet 10 of 10



BENCHMARK: CHISELED SQUARE ON THE TOP OF CURB AT THE SOUTHEAST CORNER OF LOT 1, BLOCK 1, TERRACE SANDS. ELEVATION = 1325.40 (NAVD88, G12A)

MINIMUM PAD ELEVATION FOR LOWEST OPENING = 1327.0 (NAVD88)

(A) = Assumed Kansas Zone South Grid Bearing
M = Measured
D = Described
C = Calculated

- SURVEY MARKER LEGEND
- 1/2" REBAR (FOUND - ORIGIN UNKNOWN)
 - ⊗ 1/2" REBAR (PRESUMED TO BE SET BY BAUGHMAN COMPANY IN 2014, AFTER STREET RECONSTRUCTION)
 - ⊗ 1/2" REBAR W/RLS 1200 CAP (FOUND)
 - ⊗ 1/2" REBAR W/SRB CAP (FOUND, SET ON 9/18/97)
 - 1/2" REBAR W/RUGGLES & BOHM CAP (SET)
 - BM BENCHMARK

Register of Deeds - Tony Buckingham
Doc # 1711-Pg: 29608724
Receipt - 11/17/2016
Pages Recorded: 1
Recording Fee: \$26.00

Date Recorded: 05/17/2016 03:27:50 PM

