

GENERAL NOTES

- UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS.
- SUBCONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF SEVENTY-TWO (72) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
 KANSAS ONE-CALL 800-344-7233
 OR LOCAL (WICHITA) 316-687-2470
 THE SUBCONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:
 SBC (TELEPHONE) 800-870-8390
 COX COMMUNICATIONS (CABLE) 316-262-0661
 KANSAS GAS SERVICE (GAS) 316-832-3101
 CITY OF WICHITA WATER & SEWER 316-262-6000
 WESTAR (ELECTRIC) 316-261-6512
 AQUILA (GAS) 800-303-0357
- 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.
- EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- 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.
- COST OF EXCAVATION, HAULING, AND DUMPING OF EXCESS EXCAVATION SHALL BE SUBSIDIARY TO THE PROJECT.
- ALL STUBS AND PLUGGED PIPES SHALL BE LOCATED WITH GREEN PLASTIC TAPE IN THE SAME MANNER AS RISERS.
- CONNECTING TO EXISTING MANHOLES:
 PRIOR TO LAYING SEWER LINES USING EXISTING STUBS IN EXISTING MANHOLES, THE SUBCONTRACTOR SHALL EXPOSE AND VERIFY THE ELEVATION, GRADE AND ALIGNMENT OF EXISTING STUBS AND NOTIFY THE ENGINEER OF ANY DEVIATION FROM THE PLAN. WHERE CONNECTION TO AN EXISTING MANHOLE THAT DOES NOT HAVE AN EXISTING STUB OR THE STUB IS UNUSABLE DUE TO ELEVATION GRADE OR ALIGNMENT, THE SUBCONTRACTOR SHALL BORE CUT INTO EXISTING MANHOLE WALL TO MAKE CONNECTION USING APPROVED WATER STOP GASKET, AND RESHAPE THE EXISTING MANHOLE INVERT TO PROVIDE SMOOTH FLOW. THE COST OF CONNECTING TO EXISTING MANHOLES IS INCIDENTAL TO THE PROJECT.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE SUBCONTRACTOR 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.
- ALL DISTURBED AREAS TO BE SEEDED WITH RYE GRASS AT A RATE OF 200 LBS. PER ACRE WITHIN 10 DAYS OF CONSTRUCTION. SUBCONTRACTOR TO PREPARE GROUND PER CITY SPECIFICATIONS. COST IS SUBSIDIARY TO SITE PREPARATION AND RESTORATION.
- 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.

PRIVATE SANITARY SEWER

TO SERVE

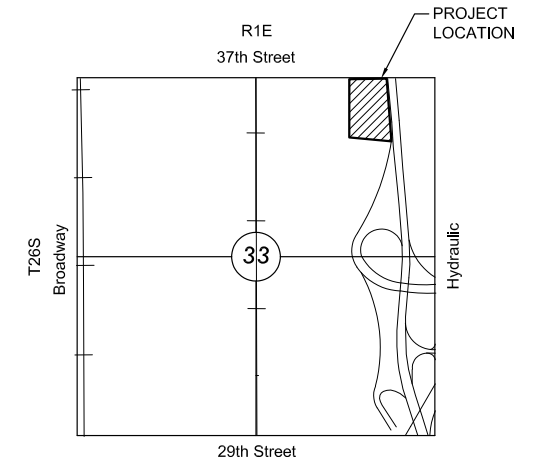
HIS HELPING HANDS

PROJECT NO. 2184PPS

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

OCA NO. 607861

T. Mason - City of Wichita, Inspector Stub
 Release Date: 6/19/2014
 :APRosas 6/23/2014



VICINITY MAP

No Scale

INDEX TO DRAWINGS

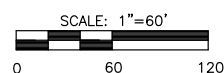
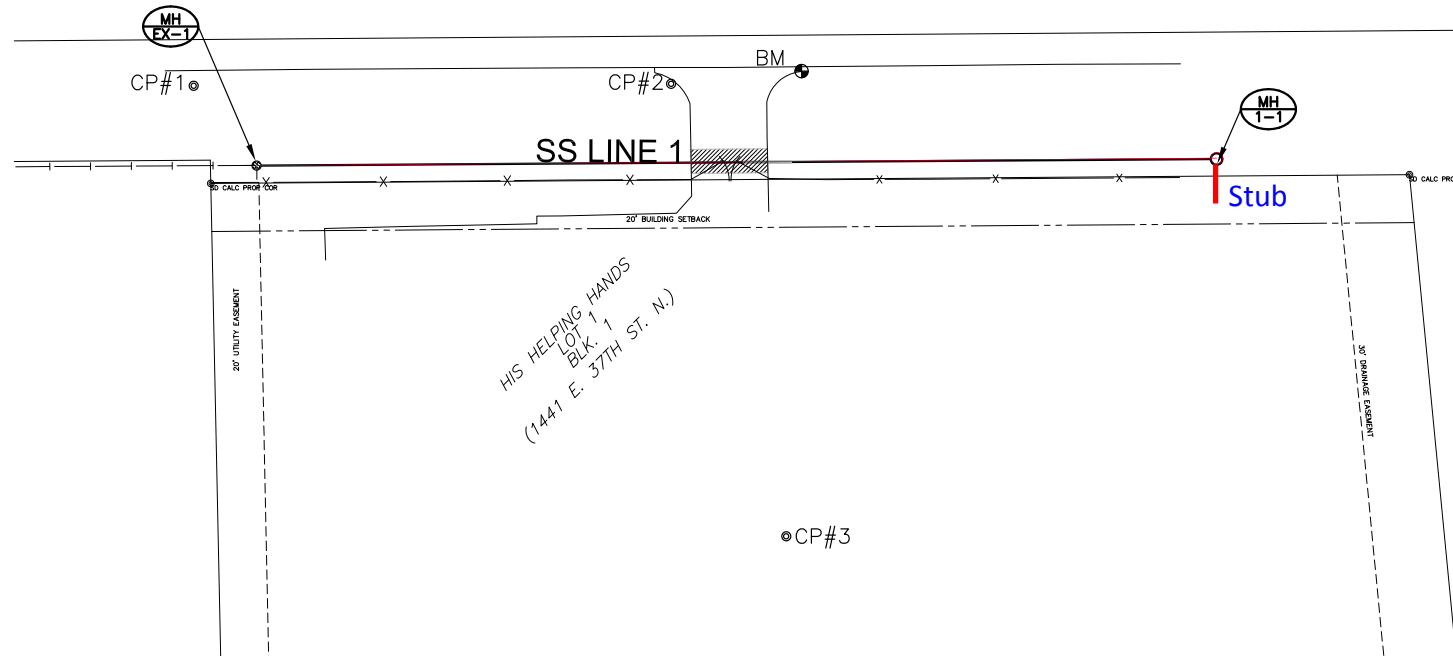
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	DETAILS
4	LINE 1 PLAN AND PROFILE
5	FINAL PLAT

BENCHMARKS

BM	SQUARE CUT AT PC OF EAST SIDE OF CONCRETE DRIVE AT NORTHEAST CORNER. ELEV.=1326.60 (NAVD 88)
CP#1	5/8" REBAR WITH "MKEC" RED ID CAP. 6.4' SOUTH OF SOUTH EDGE OF PAVEMENT OF 37TH ST. NORTH. 220' WEST OF CENTERLINE OF CONCRETE ENTRANCE TO HIS HELPING HANDS. 21.5' NORTHWEST OF POWER POLE. N=1709935.35 E=1653078.73
CP#2	5/8" REBAR WITH "MKEC" RED ID CAP. 7.5' SOUTHWEST OF PC OF WEST SIDE OF CONCRETE ENTRANCE TO HIS HELPING HANDS. 1.5' SOUTHWEST OF WEST SIDE OF CONCRETE ENTRANCE TO HIS HELPING HANDS. 18' WEST OF MANHOLE FOR TELEPHONE IN CONCRETE ENTRANCE TO HIS HELPING HANDS. N=1709936.21 E=1653277.86
CP#3	5/8" REBAR WITH "MKEC" RED ID CAP. 193' SOUTH OF SOUTH EDGE OF 37TH ST. NORTH. 4' EAST OF CONCRETE DRIVE. 3.5' NORTHWEST OF LIGHT POLE. N=1709747.69 E=165325.69

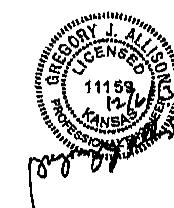
DATUMS

VERTICAL DATUM= NAVD 88
 HORIZONTAL DATUM= CITY OF WICHITA NETWORK
 (HORIZONTAL DATUM MODIFIED TO THE GROUND USING A 1.000120014 SCALE FACTOR)



AS-BUILT PLANS - APRIL 2014

INSPECTED BY: GENE RATH, MKEC
 CONSTRUCTED BY: McCULLOUGH EXCAVATION INC.
 SUPERINTENDENT: CRAIG DENNISON



APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA, &
 WICHITA WATER & SEWER DEPARTMENT

San. Swr. Mains *Johnnie Kellman 12-9-13*
 (Public Works)

NOTE TO CONTRACTORS

Public Property:
 Inspection and testing for the sanitary sewer 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 Professional Engineer licensed in the state of Kansas. No work shall be performed in dedicated easements or public rights-of-way 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 City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).



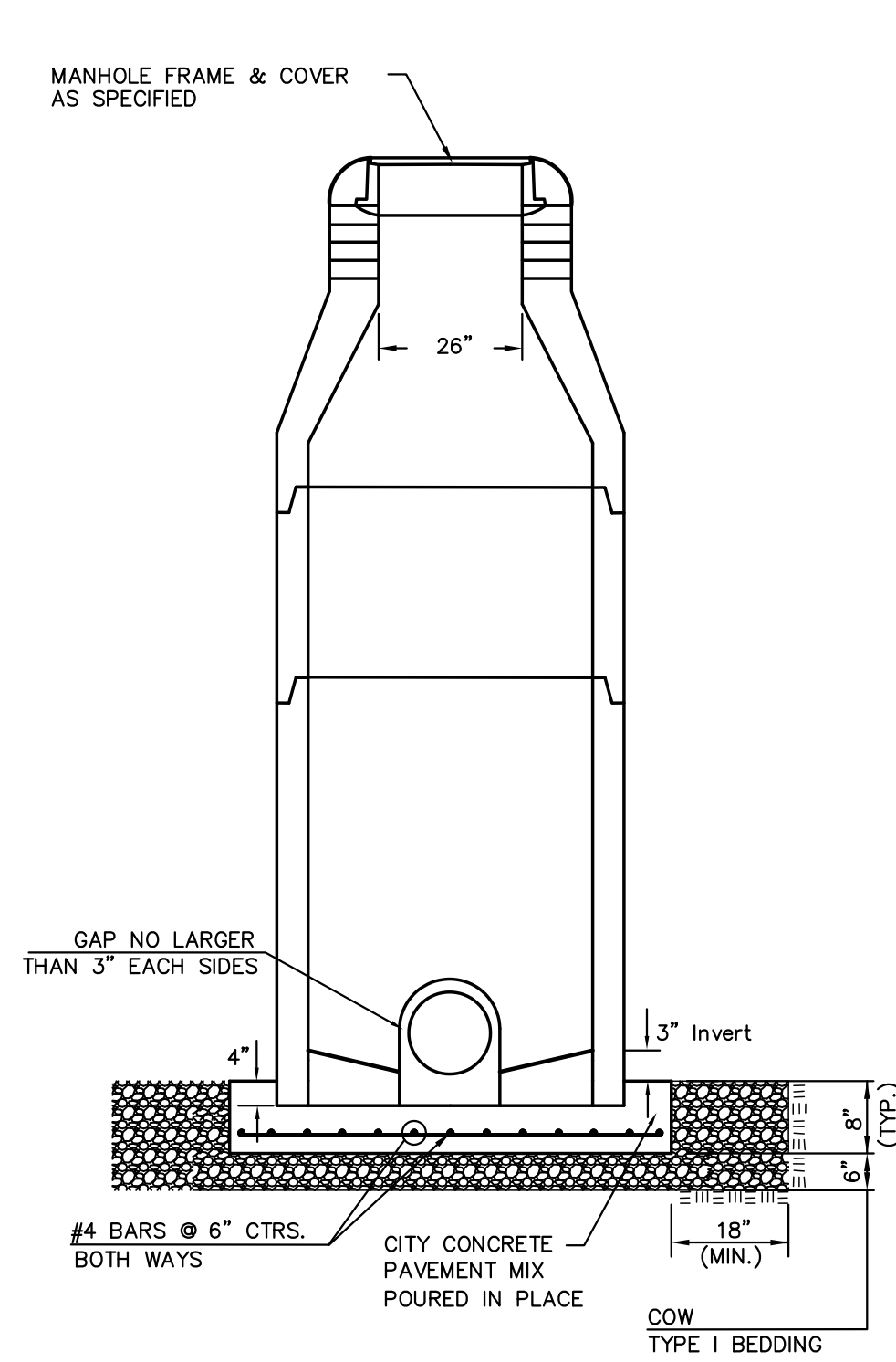
PRIVATE SANITARY SEWER PLANS FOR
HIS HELPING HANDS
 SANITARY SEWER EXTENSION

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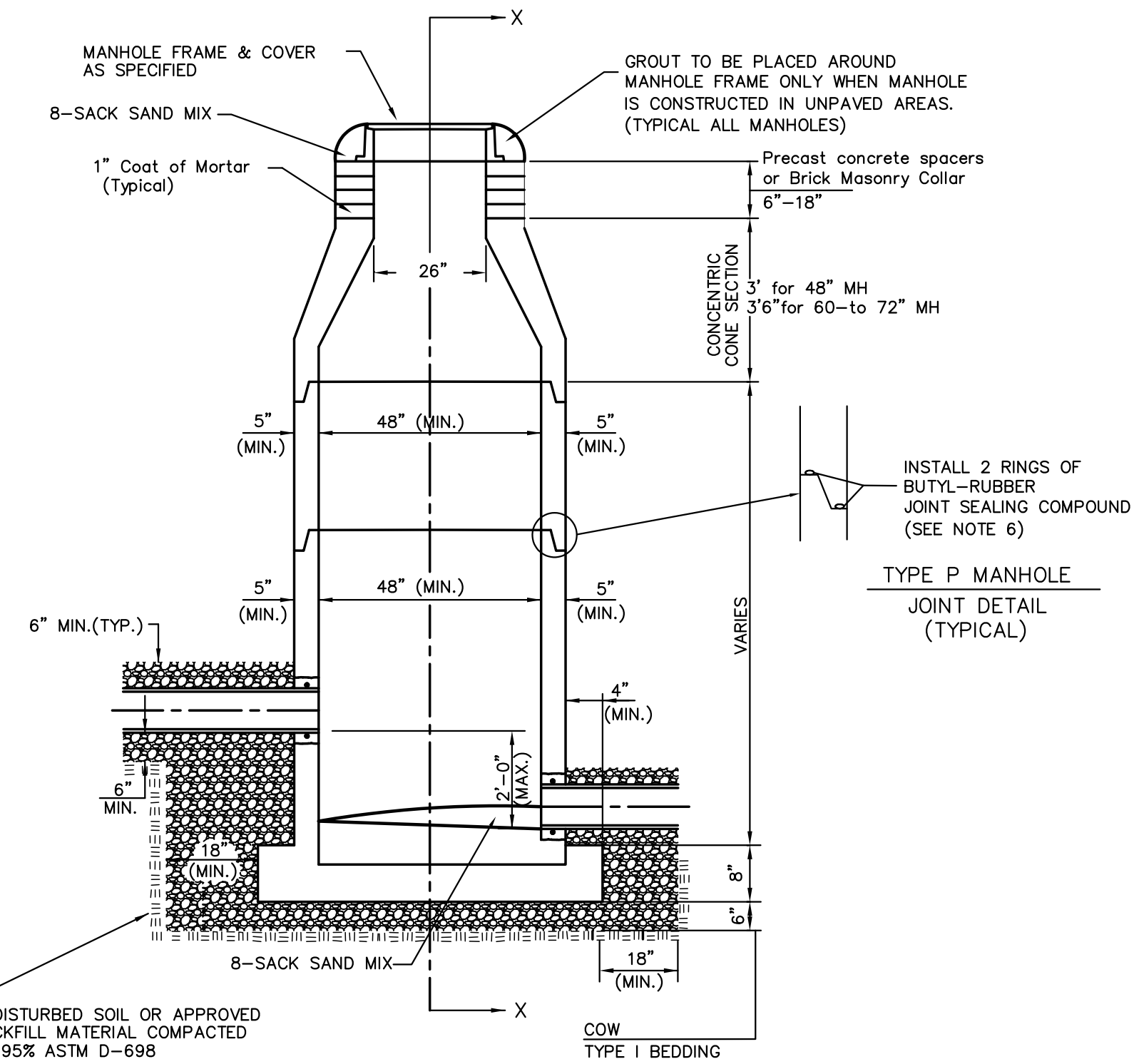
TITLE SHEET

PROJECT NO.	2184PPS	
DATE	NOV. 2013	
SCALE	1"=60'	
DESIGNED	DRAWN	CHECKED
SLF	SLF	SPE
#	REVISION	DATE
SHEET NO.		
1 OF 5		

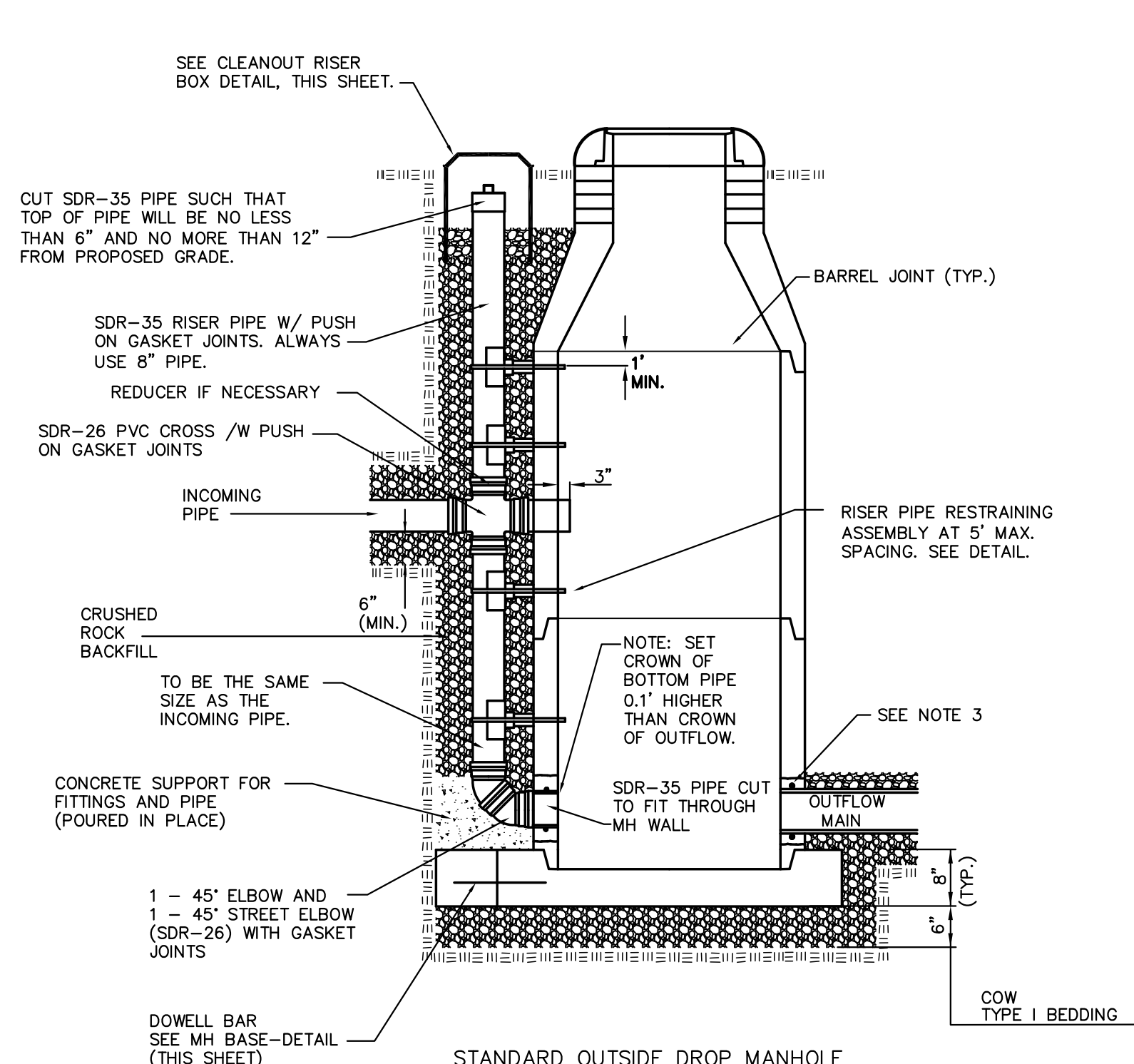
I:\PROJECTS\2013\130107020_HIS_HELPING_HANDS_BLDG_EXPANSION_SEWERS-CIVIL\CAD\SM131702_BTDWG



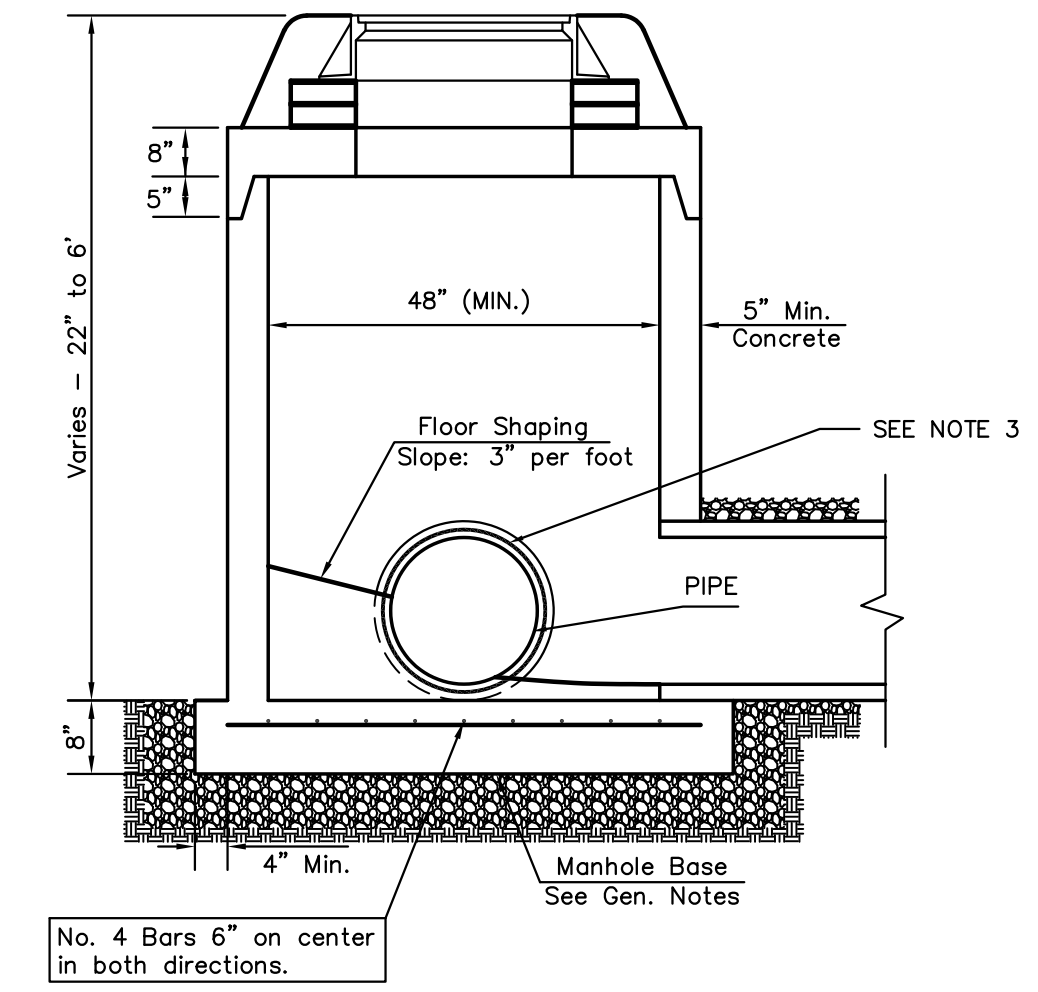
DOG HOUSE MANHOLE
(OVER EXISTING PIPE)
Not to Scale



STANDARD MANHOLE
Not to Scale



STANDARD OUTSIDE DROP MANHOLE
Not to Scale

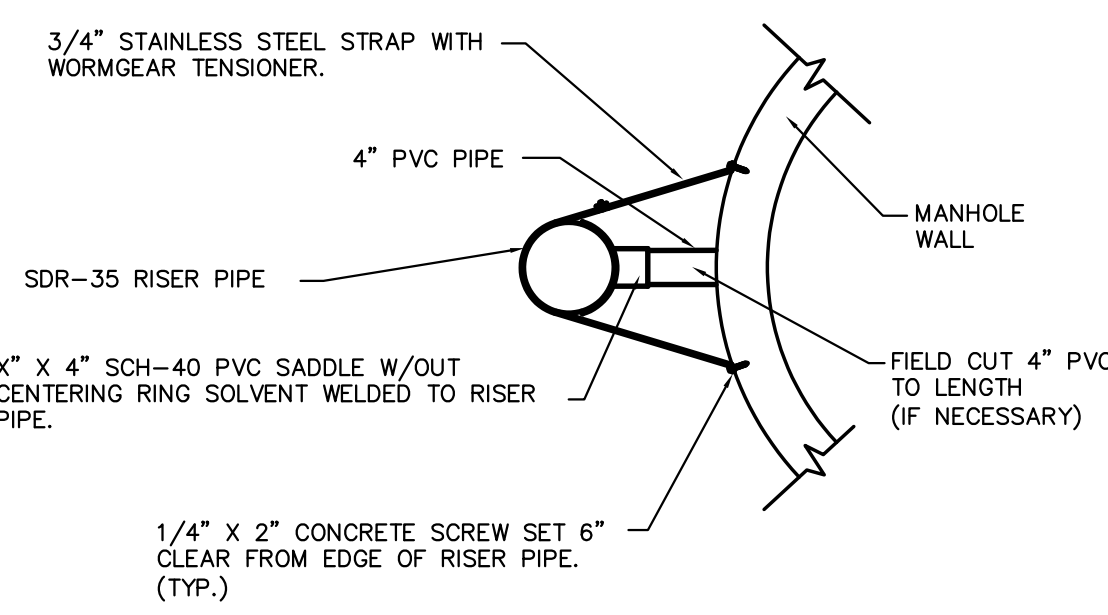


SHALLOW MANHOLE
Not to Scale

= COW TYPE I BEDDING
 = UNDISTURBED SOIL

PRECAST MANHOLE GENERAL NOTES

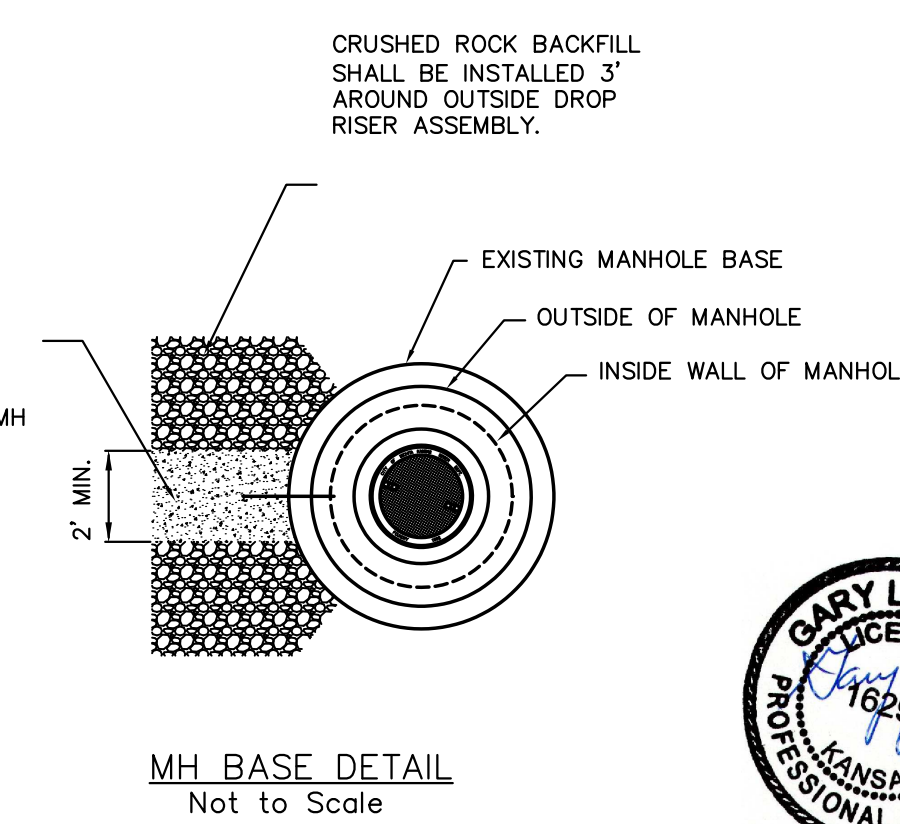
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
- NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
- APPROVED FLEXIBLE WATERSTOP SHALL BE INSTALLED TO JOIN THE SEWER PIPE TO THE MANHOLE WALL. THE SEWER PIPE SHALL BE SUPPORTED WITH CRUSHED ROCK A MINIMUM OF 3 FEET FROM THE FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
- ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED PER SECTION 804.4 OF STANDARD SPECIFICATIONS.
- EXTERIOR MANHOLE WALLS SHALL BE COATED PER SECTION 804.4 OF STANDARD SPECIFICATIONS.
- JOINT SEALING COMPOUND SHALL BE PER 804.4 OF STANDARD SPECIFICATIONS.
- ALL MANHOLE SECTION JOINTS THAT WILL BE IN GROUNDWATER OR GREATER THAN 12" DEEP SHALL BE WRAPPED WITH AN EXTERNAL JOINT SEAL PER SECTION 804.4 OF STANDARD SPECIFICATIONS, AS INDICATED BY THE PLANS.
- PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE FOR DOG HOUSE MANHOLES.
- 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.
- LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
- REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO.4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
- WALL THICKNESS SHALL BE 1" GREATER THAN MANHOLE DIAMETER IN FEET.
- OPENINGS SHALL BE CORE DRILLED INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS DRILLED INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
- THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
- MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
- THE VERTICAL DROP IN STANDARD MANHOLES SHALL NOT EXCEED 2' REGARDLESS OF PIPE SIZE. THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
- STANDARD MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
- PRECAST CONCRETE SPACERS OR BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE-CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.
- THE FULL DIAMETER OF THE MANHOLE SHALL EXTEND THE ENTIRE DEPTH OF THE MANHOLE TO THE CONE SECTION. NO REDUCTION IN MANHOLE DIAMETER WILL BE ALLOWED.
- REFER TO PLANS FOR SIZE OF OUTSIDE DROP RISER, SADDLES AND CROSS.



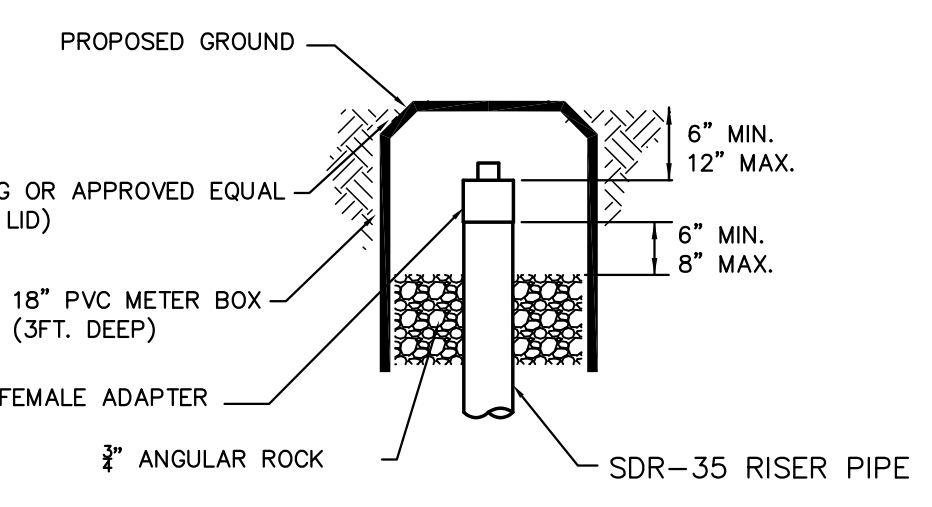
RISIER PIPE RESTRAINING ASSEMBLY
Not to Scale

SANITARY SEWER MANHOLE DIAMETERS

DIAMETER	DEPTH	PIPE SIZE
4'	0'-15'	8"-18"
5'	15'-30'	21"-30"
6'	>30'	36"-60"



MH BASE DETAIL
Not to Scale



CLEANOUT RISER BOX DETAIL
Not to Scale



PRECAST SANITARY SEWER MANHOLE

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER 2184PPS	OCA NUMBER 607861	DATE 01/2012
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CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

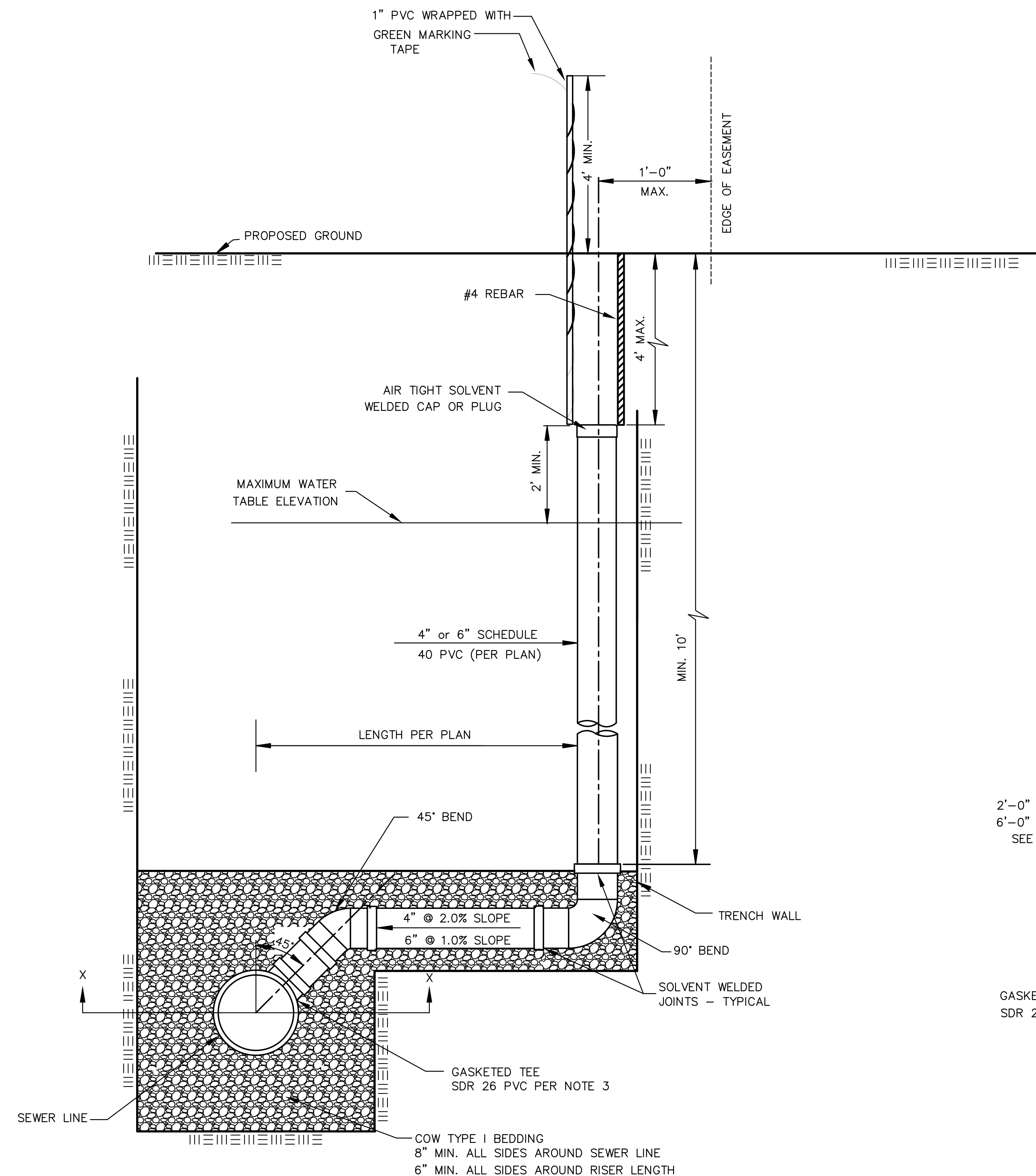
SHEET
2 OF 5

J:\Projects\2013\1301010709_His_Helping_Hands_Bldg_Expansion_Sewer\5-Civil\CAD\Son\13709_LB_SS-101_Precast Sanitary Sewer MH.dwg

GENERAL NOTES

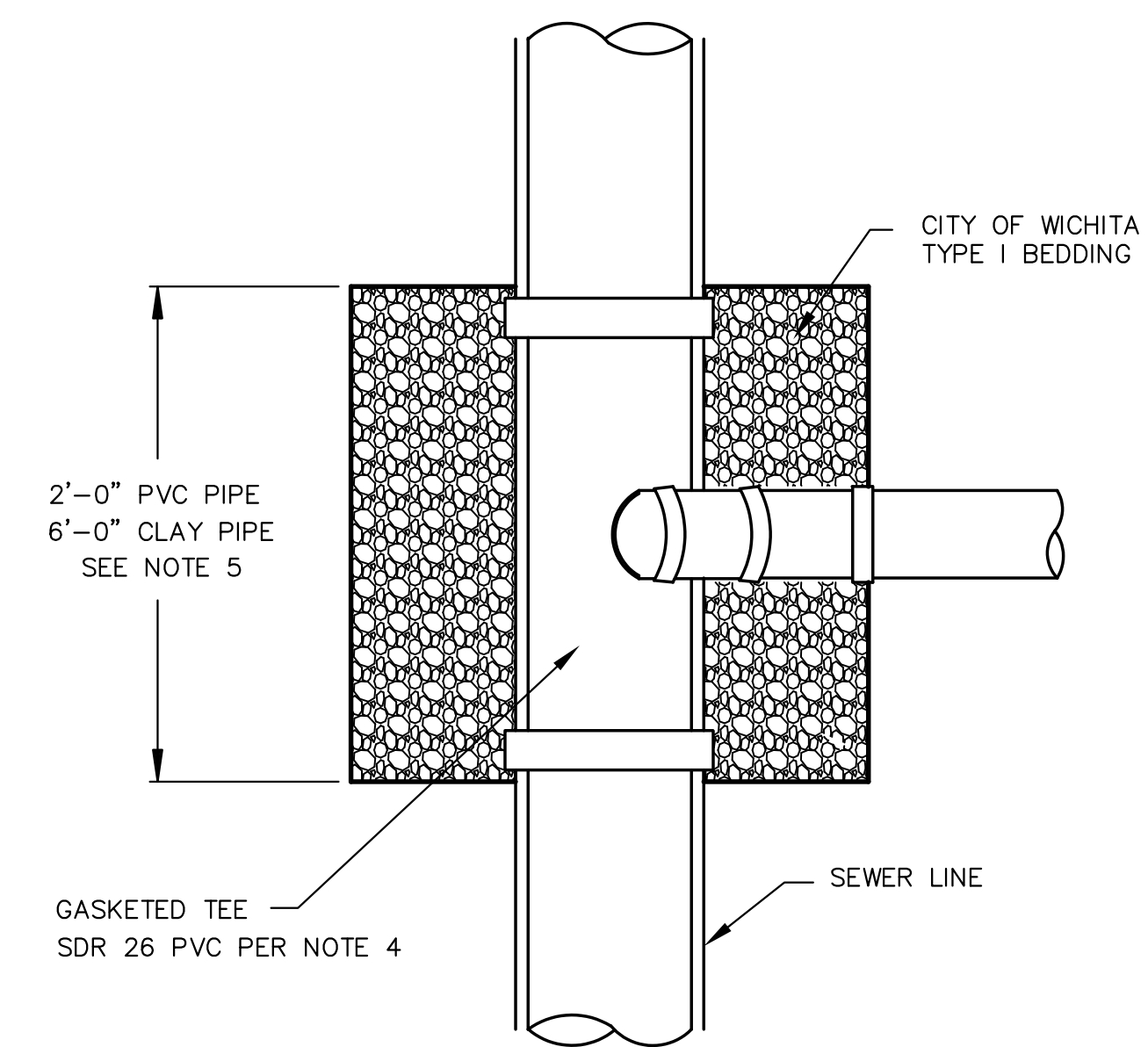
- APPLICATION. Risers shall be installed to serve all lots or tracts where the sanitary sewer main is below the water table, where the sanitary sewer main depth is greater than 12' below the proposed ground elevation, where the main is adjacent to a pond or wherever service lines would have to cross under storm sewer pipe. Installation of risers because of field conditions shall be as approved by the City Engineer. The location of the risers to serve developed property shall be approved by the property owner and the Construction Engineer.
- MANHOLE STUB RISERS. Manhole stub risers be installed in manholes where locations of manholes will provide satisfactory service connection as determined by the Construction Engineer. The vertical distance between the flowline of the manhole stub and the flowline of the sanitary sewer line out of the manhole shall not exceed 2' stub. Risers shall be utilized at manholes as indicated in Note 1. Manhole stub riser shall be set such that the top of the stub is not lower than the top of the sanitary sewer line.
- SIZING. Risers shall be sized according to the plans and riser table where risers are indicated by the plans. Where risers are required because of field conditions, the risers shall be 6" diameter for commercial or industrial properties and 4" or 6" diameter for residential properties, based on lot size and sanitary sewer main depth. Sizing of risers shall be approved by the construction Engineer prior to installation.
- RISER MATERIAL. Risers shall be constructed of Schedule 40 PVC Pipe, meeting the requirement of the latest revision of A.S.T.M.. All pipe joints shall be solvent welded. Full body tee shall be SDR 26 PVC pipe.
- ROCK ENCASEMENT. Riser connection to clay pipe sanitary sewers shall be rock encased both ways from the riser centerline. The rock encasement shall extend three feet from the riser centerline or stop at the first sanitary sewer pipe joint within three feet of the riser centerline. Riser connections to PVC Sanitary sewer mains shall be rock encased one foot each way from the riser centerline. Crushed rock shall conform to ASTM C-33, Gradation No. 67, and shall meet all requirements for Portland Cement Concrete pavement Coarse Aggregate, Section 406.2, City of Wichita Standard Specifications.
- BEDDING. Beyond the limits of the rock encasement, bedding around the sanitary sewer riser shall be compacted Pipe Bedding Type 1 or 2. The bedding shall be placed and compacted from the depth of the sanitary sewer main to the top of the sanitary sewer riser pipe. Compacted Pipe Bedding Type 1 or 2 shall be required for all risers whether constructed in vertical wall or sloped wall trenches. Bedding material and construction practices shall be approved by the Construction Engineer prior to installation.
- SUPPORT OF RISERS. Sanitary sewer riser pipe shall be supported during trench backfill. The riser pipe shall be held in a vertical position at all times until trench backfill and compaction has been completed. Contractor's methods for supporting and back filling the riser pie shall be approved by the Construction Engineer.
- PLUGGING. The ends of the riser pipes and manhole stubs shall be plugged using an airtight solvent welded cap or plug. Cap or plug fittings shall be approved by the Construction Engineer prior to installation. Caps or plugs which do not provide an airtight seal will not be accepted.
- TOP OF THE RISER PIPE. The top elevation of the sanitary sewer riser pipe shall be built per plan elevations, unless otherwise directed by the Construction Engineer, where riser elevations are not shown on the plans, the top of the risers shall be set at an elevation four feet below the proposed ground surface. If ground water is encountered, the top of the riser pipe shall be set at an elevation 2' (min.) above the maximum water table elevation, regardless of the riser elevation shown on the plans.
- MARKING. Locations of the ends of the sanitary sewer riser pipe shall be marked by installing 1" PVC from the top of the riser to a minimum of 4' above the top of finished grade. No. 4 rebar shall be placed centered over the riser from the cap to the existing ground. The 1" PVC pipe shall be wrapped with green colored plastic tape, for the full length above ground surface. The green tape shall be 4 mil Polyethylene film with a minimum width of three inches, specifically manufactured for the purpose of identification of underground sewers.
- LOCATION MEASURES. The project inspector shall record and document the location of all risers constructed as measured from the nearest manhole, indicate the direction from the manhole, the direction and distance from the main, riser size, and elevation of the top of the riser in tabular format.
- RISER LOCATION. the riser shall be located per plan if shown. If not shown on the plan, the riser shall be located at the center of the lot, within one foot of the property side of the easement for the lot being served. All riser locations shall be approved by the Construction Engineer prior to installation.
- PAYMENT. "Riser Assembly, Vertical " shall be paid for at the contract unit price per each, which shall be full compensation for all pipe, fittings, marking tape, length of backfill, labor, site restoration, and any other items necessary to complete the work.

"Riser Assembly, Manhole Stub" shall be paid for at the contract unit price per each, which shall be full compensation for all labor material and incidentals necessary to complete the work including all pipe, fittings, rock encasement, and all other items as required and listed for "Riser Assembly, Vertical "

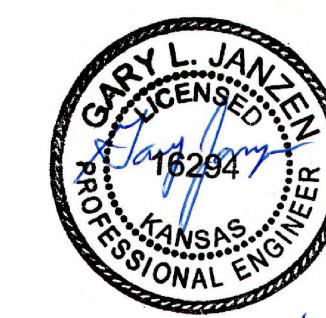


NOTE: RISER PIPE REQUIREMENTS AT MANHOLE STUBS SHALL BE SIMILAR TO THOSE SHOWN ABOVE.

NOTE:
NON SHEAR COUPLING TO BE USED
WHEN HOOKING TO CLAY PIPE.



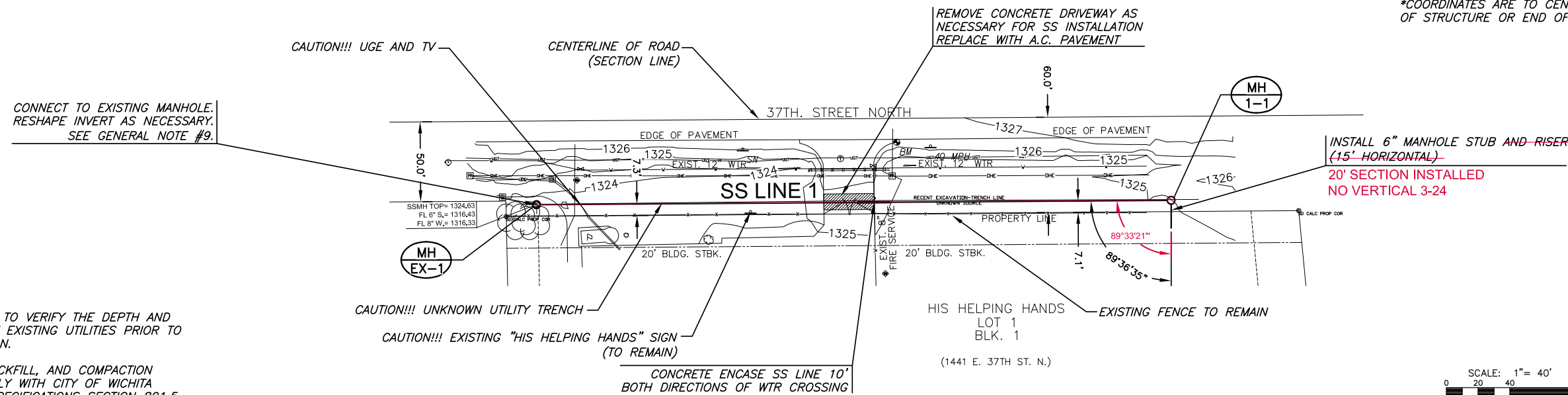
TYPICAL SECTION X-X



VERTICAL RISER ASSEMBLY SEWER DETAIL		
CITY ENGINEER GARY JANZEN, P.E.		
PROJECT NUMBER 2184PPS	OCA NUMBER 607861	DATE 12/2011
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 3 OF 5

MANHOLE COORDINATES		
No.	Northing	Easting
MH EX-1	1709902.10	1653105.00
MH 1-1	1709904.82	1653504.98

*COORDINATES ARE TO CENTER OF STRUCTURE OR END OF PIPE

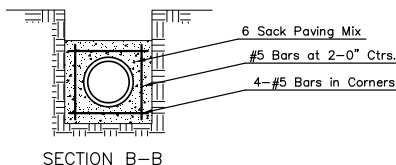
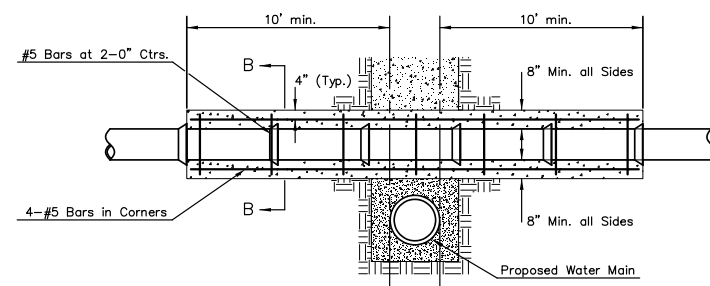
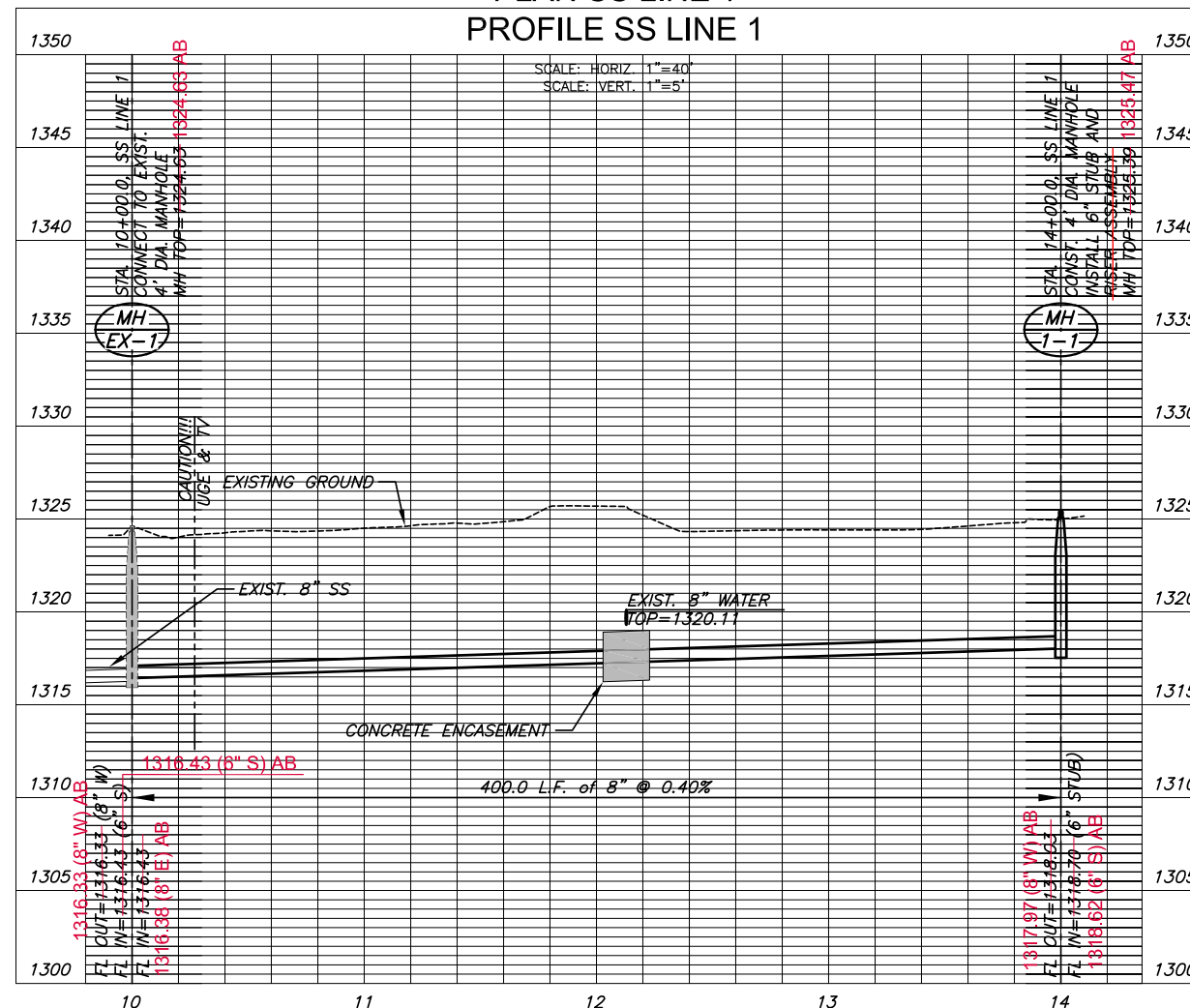


- NOTE:**
- CONTRACTOR TO VERIFY THE DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - BEDDING, BACKFILL, AND COMPACTION SHALL COMPLY WITH CITY OF WICHITA STANDARD SPECIFICATIONS SECTION 801.5 AND 801.6.



AS-BUILT PLANS - APRIL 2014

PLAN SS LINE 1
PROFILE SS LINE 1



Note: Encasement to begin and end at a Bell on Sanitary Sewer Pipe.

REINFORCED CONCRETE ENCASUREMENT OF SANITARY SEWER

SANITARY SEWER PLANS FOR
HIS HELPING HANDS
SANITARY SEWER EXTENSION

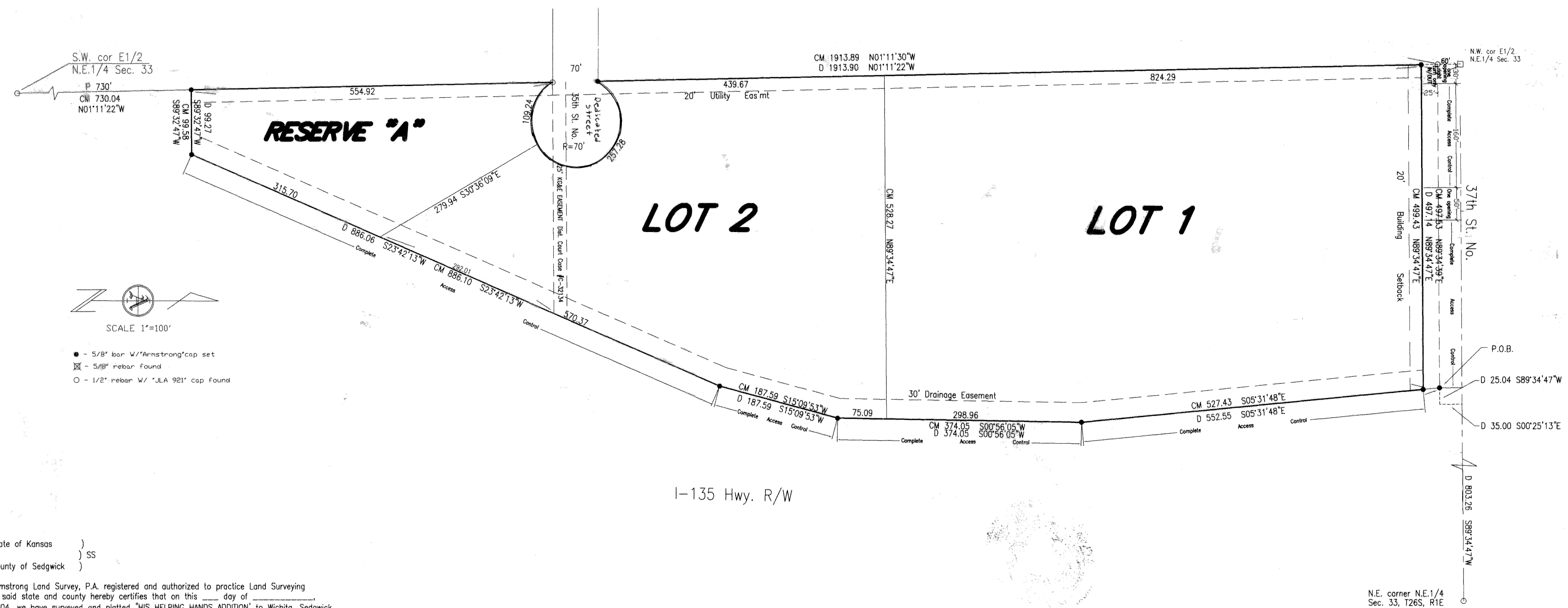
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LINE 1 PLAN AND PROFILE

PROJECT NO.	2184PPS	
DATE	NOV. 2013	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
SLF	SLF	SPE
#	---	##/##/##
NO.	REVISION	DATE

SHEET NO.

HIS HELPING HANDS AN ADDITION TO WICHITA, KANSAS



State of Kansas)
County of Sedgwick) ss

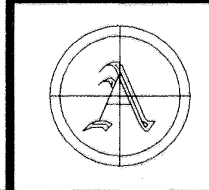
Armstrong Land Survey, P.A. registered and authorized to practice Land Surveying in said state and county hereby certifies that on this 12th day of July, 2004, we have surveyed and plotted "HIS HELPING HANDS ADDITION" to Wichita, Sedgwick County, Kansas, into a lot and block, the same being described as follows: A PARCEL OF LAND SITUATED IN A PORTION OF THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 26 SOUTH, RANGE 1 EAST OF THE SIXTH PRINCIPAL MERIDIAN, SEDGWICK COUNTY, KANSAS, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 33; THENCE S 89°34'47" W ALONG THE NORTH LINE OF SAID NORTHEAST QUARTER A DISTANCE OF 803.26 FEET; THENCE S 00°29'13" E A DISTANCE OF 35.00 FEET TO THE INTERSECTION OF THE WEST RIGHT OF WAY LINE OF INTERSTATE HIGHWAY 135 AND THE SOUTH RIGHT OF WAY LINE OF 37TH STREET NORTH IN THE CITY OF WICHITA, KANSAS; THENCE S 89°34'47" W ALONG SAID SOUTH RIGHT OF WAY LINE OF 37TH STREET NORTH, A DISTANCE OF 25.04 FEET TO THE POINT OF BEGINNING OF THE PARCEL TO BE DESCRIBED; THENCE S 05°31'48" E, A DISTANCE OF 552.55 FEET; THENCE S 02°56'05" W, A DISTANCE OF 374.05 FEET; THENCE S 15°09'53" W, A DISTANCE OF 187.59 FEET; THENCE S 23°42'13" E, A DISTANCE OF 886.06 FEET; THENCE S 89°32'12" W, A DISTANCE OF 89.27 FEET TO A POINT ON THE WEST LINE OF THE EAST HALF OF THE NORTHEAST QUARTER OF SAID SECTION 33; THENCE N 01°11'22" W ALONG SAID WEST LINE OF THE EAST HALF OF THE NORTHEAST QUARTER, A DISTANCE OF 1913.90 FEET TO A POINT ON THE SOUTH RIGHT OF WAY LINE OF SAID 37TH STREET NORTH; THENCE N 89°34'47" E, ALONG SAID SOUTH RIGHT OF WAY LINE OF 37TH STREET NORTH, A DISTANCE OF 497.14 FEET TO THE POINT OF BEGINNING.

Donald C. Armstrong LS#788
REGISTERED LAND SURVEYOR
KANSAS

Know all men by these presents that I, the undersigned, have caused the land described in the surveys certificate to be platted into Lots and a block to be known as "HIS HELPING HANDS" an Addition to Wichita, Sedgwick County, Kansas. The street Right of ways are hereby dedicated to and for the use of the public. All abutters' rights of access to and from 37th Street North over and across the north line of Lot 1 are hereby granted to be the appropriate governing body, provided however that Lot 1 shall have access to 37th Street North at two locations as indicated. The utility easements as indicated are hereby granted for the construction and maintenance of all public utilities. The drainage easements as indicated are hereby granted for drainage purposes. The floodway reserve is hereby granted for the purpose of providing flood protection and drainage purposes. Owner hereby covenants and agrees for such Owner and Owner's grantees, devisees, successors and assigns, (1) that no human habitat or other construction may be built in said reserve and that no obstruction shall be placed therein; (2) that no levee or any fill, change of grade, creation of channels or other work shall be constructed except with the approval of the applicable city or county Engineer; and (3) that the said reserve shall be the responsibility of Owner until such time as the governing body exercising jurisdiction under KSA 82a-301 elects to assume the responsibility for, maintenance of and improvements to drainage. A drainage plan has been developed for this plot and all drainage easements, right-of-ways, or reserves shall remain at established grades or as modified with approval of the applicable city or county Engineer and unobstructed to allow for the conveyance of stormwater. The Minimum P.A.S. elevation for the lowest opening to the structures shall be 35.0 City of Wichita datum.

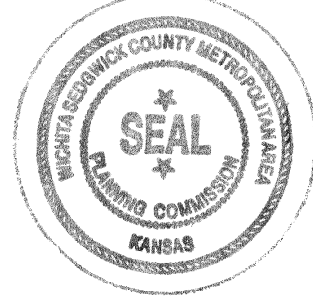
OWNER: Central Christian Church - His Helping Hands, Inc.
Mark Posson, Administrative Pastor
7-12-04
Date

State of Kansas)
County of Sedgwick) ss
Be it remembered that on this 12th day of July, 2004, before me, a Notary Public in aforesaid state and county, came Mark Posson, Administrative Pastor for Central Christian Church, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of same, in testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.
Donna Newman Notary Public
My commission expires: February 23, 2007



**ARMSTRONG
LAND SURVEY, P.A.**

1601 E. Harry
WICHITA, KANSAS 67211
PH - (316) 263-0082
Fax - (316) 263-0082



This plat has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this 10th day of October, 2004.
Bernard A. Hentzen Chairman
Date Miller Secretary

Reviewed in accordance with the rules of the State of Kansas on this 9th day of July, 2004.
Tricia L. Robello, LS #1248
Deputy County Surveyor
Sedgwick County, Kansas

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 16th day of December, 2004.
In the direction of the City Council.
Carlos Mayans Mayor
Koren Sublett City Clerk

Filed on transfer record the 25th day of January, 2005.
Don Brace County Clerk

State of Kansas)
County of Sedgwick)
This is to certify that this plat has been filed for record in the office of the Register of Deeds this 25th day of January, 2005 at 3:52 PM, and is duly recorded.
Bill Meek Register of Deeds
Debra Kizzire Deputy



PROJECT TYPE
HIS HELPING HANDS
SANITARY SEWER EXTENSION

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PLAT		
PROJECT NO.	2184PPS	
DATE	NOV. 2013	
SCALE	NTS	
DESIGNED	DRAWN	CHECKED
SLF	SLF	SPE
#	REVISION	DATE
SHEET NO.		
5 OF 5		