

# INLAND TRUCK PARTS COMPANY PUBLIC SANITARY SEWER PLANS

TO SERVE

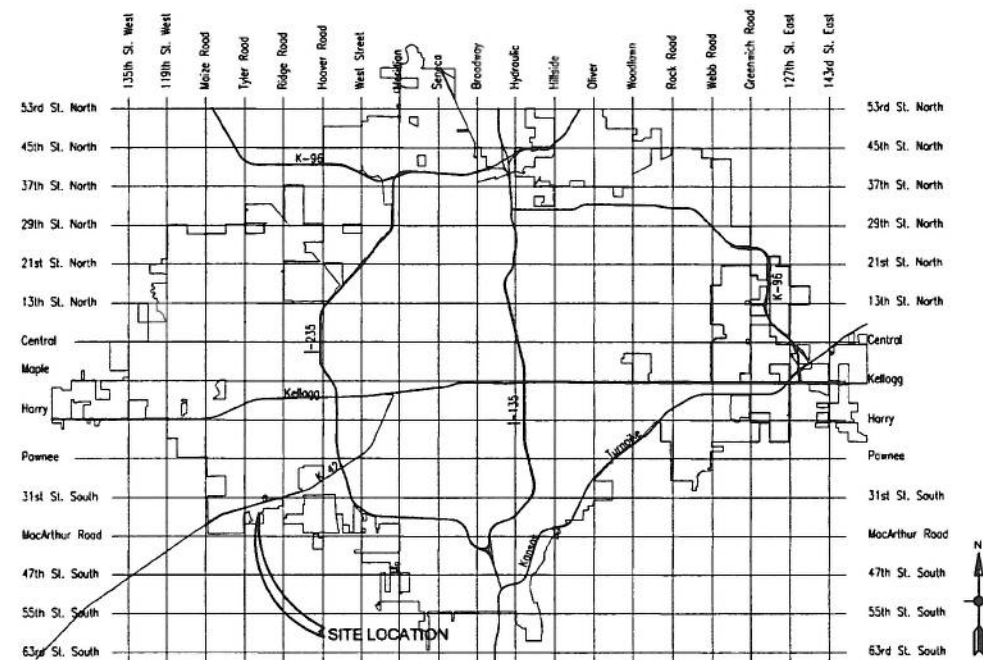
**LOT 3, BLOCK A, MID-CONTINENT INDUSTRIAL PARK II  
(3610 S. NORMAN ST.)**

PRIVATE PROJECT NO. 2131 PPS (607861)

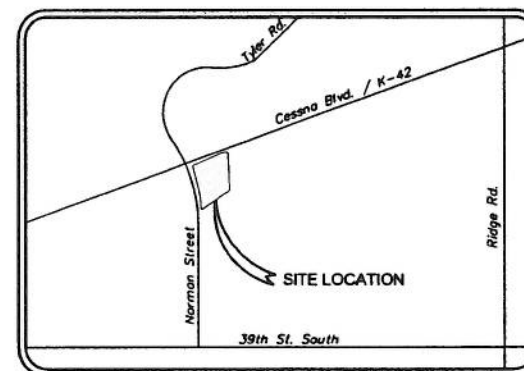
**WICHITA, SEDGWICK COUNTY, KANSAS**

GARY JANZEN, P.E., INTERIM CITY ENGINEER

T. Mason - City of Wichita, Inspector  
Release Date: 12/13/2012  
:APRosas 12/13/2012



LOCATION MAP



VICINITY MAP

**INDEX OF SHEETS**

SHEET NO.	TITLE
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C-502	STANDARD DETAILS

APPROVED AS NOTED  
BY CITY ENGINEER OF WICHITA  
*J. Lawrence Kallman*  
Engineering 6-21-12  
NOTE TO CONTRACTORS  
Inspection and testing for this project are 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. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.

GERALD EDWARD HOWLEY  
LICENSED  
16759  
KANSAS  
PROFESSIONAL ENGINEER  
*Gerald Edward Howley*  
05-29-2012

OWNER/DEVELOPER:

**ITP INLAND TRUCK  
PARTS COMPANY**  
*'An Employee Owned Company'*

ENGINEER:

**TranSystems**

2400 PERSHING ROAD  
SUITE 400  
KANSAS CITY, MO 64108  
PHONE: 816-329-8600  
FAX: 816-329-8602

As-Built Plans

Contractor: Dondlinger & Sons Constuction Co. Inc.

Inspector: Eric Strecker, Schwab-Eaton, P.A.

PDF by: ELS 7/18/12

CONSULTANTS:

INLAND TRUCK PARTS  
 NEW SERVICE STATION

WICHITA, KANSAS

**INLAND TRUCK PARTS COMPANY**  
 An Employee Owned Company

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: P101110436  
 SCALE: 1" = 50'  
 DATE: 5/24/2012  
 DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: GEH

SHEET TITLE:  
**GENERAL NOTES AND SITE LAYOUT**  
 SHEET NO.  
**G-002**  
 SHEET OF

**LEGEND:**

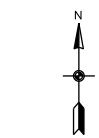
- PROPERTY LINE
- EASEMENT LINE
- X- EXISTING FENCE
- X- PROPOSED FENCE
- SS--- EXISTING SANITARY SEWER
- SS--- PROPOSED SANITARY SEWER
- ⊙ SS EXISTING SANITARY MANHOLE
- ⊙ SS PROPOSED SANITARY MANHOLE
- W--- EXISTING WATER MAIN
- W--- PROPOSED WATER MAIN
- F--- PROPOSED FIRE MAIN
- ⊙ PH PROPOSED FIRE HYDRANT
- NG--- PROPOSED NATURAL GAS
- SS--- PROPOSED STORM SEWER
- PROPOSED STORM STRUCTURE

**GENERAL NOTES:**

1. ALL CIVIL SITE IMPROVEMENTS INDICATED SHALL BE CONSTRUCTED AS DEPICTED AND SPECIFIED ON THE CIVIL PLAN SHEETS. THE CITY OF WICHITA, KANSAS STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF PUBLIC WORKS PROJECTS, CURRENT EDITION, ARE APPLICABLE TO THE WORK SHOWN ON THIS SET OF PLANS.
2. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE CITY OF WICHITA, KANSAS DEPARTMENT OF PUBLIC WORKS, AS APPLICABLE.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS, BONDS, INSURANCE, ETC. AND PAYING ALL FEES AND FOR OTHERWISE COMPLYING WITH ALL APPLICABLE REGULATIONS GOVERNING THE WORK.
4. THE EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. UTILITY INFORMATION IS NOT MEANT TO BE ALL INCLUSIVE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION TO PROVIDE NON-INTERRUPTION OF SERVICE, TO ENSURE PROPER CLEARANCES, AND TO AVOID DAMAGE THERETO. UTILITIES DAMAGED THROUGH THE NEGLIGENCE OF THE CONTRACTOR TO OBTAIN THE LOCATION OF THE UTILITY SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE. RELOCATION OF ANY UTILITY REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE AT HIS EXPENSE AS A SUBSIDIARY OBLIGATION.
5. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL UTILIZE THE TOLL FREE UTILITY LOCATION SERVICE PROVIDED BY THE KANSAS ONE CALL SYSTEM, INC. CALL TWO (2) DAYS BEFORE DIGGING TO HAVE EXISTING UTILITY LINES LOCATED. IN KANSAS CALL TOLL FREE 1-800-344-7233. (1-800-DIG-SAFE)
6. PRIOR TO DOING ANY EXCAVATION WORK WITHIN THE PUBLIC RIGHT-OF-WAY THE CONTRACTOR SHALL OBTAIN ANY AND ALL PERMITS REQUIRED AND NOTIFY ALL THOSE UTILITY COMPANIES WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED.
7. THE CONTRACTOR SHALL PROVIDE FOR CONTROL OF SURFACE EROSION AND SEDIMENT DEPOSITION DURING ALL PHASES OF CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS COMPLETE. THE CONTRACTOR SHALL TEMPORARY SEED, PROVIDE BERMS, SILT FENCE, SEDIMENT TRAPS, STRAW BALES OR OTHER MEANS TO PREVENT SEDIMENT FROM REACHING THE PUBLIC RIGHT-OF-WAY, STREAMS OR ADJACENT PROPERTY. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ANY DEBRIS AND SEDIMENT AND RESTORE THE RIGHT-OF-WAY AND ADJACENT PROPERTY TO ORIGINAL OR BETTER CONDITION. ALL CONSTRUCTION SHALL CONFORM TO THE JOHNSON COUNTY, KANSAS SEDIMENTATION AND EROSION CONTROL ORDINANCES.
8. THE CONTRACTOR SHALL PROVIDE A SECURE SITE TO PROTECT VEHICLES AND PEDESTRIANS FROM HARM DURING THE CONSTRUCTION PROCESS.
9. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TRAFFIC HANDLING MEASURES NECESSARY TO ENSURE THAT THE GENERAL PUBLIC IS PROTECTED AT ALL TIMES. TRAFFIC CONTROL MEASURES AND DEVICES SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD - LATEST EDITION).
10. CONTRACTOR SHALL, BY HIS OWN INVESTIGATION, SATISFY HIMSELF AS TO THE SURFACE AND SUBSURFACE CONDITIONS TO BE ENCOUNTERED, PRIOR TO COMMENCING WORK.
11. CONTRACTOR SHALL KEEP THE ENTIRE PROJECT SITE FREE OF DEBRIS AND TRASH AT ALL TIMES. CONTRACTOR SHALL EXECUTE WORK USING METHODS THAT MINIMIZE EXCESSIVE NOISE OR DUST EMISSIONS. CONTRACTOR SHALL PROVIDE METHODS, MEANS AND FACILITIES TO PREVENT CONTAMINATION OF SOIL OR WATER FROM DISCHARGE OF REGULATED MATERIALS (I.E. DIESEL FUEL) USED DURING CONSTRUCTION.
12. CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION OF EXISTING FEATURES WITHIN THE REMOVAL LIMITS, INCLUDING BUT NOT LIMITED TO DRIVEWAYS, PAVEMENTS, FENCES, TREES, SIGNS, ETC. COORDINATE ALL DEMOLITION ACTIVITIES WITH LOCAL UTILITY COMPANIES.
13. WHERE THE NEW IMPROVEMENTS ABUT EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING THE ELEVATION OF THE EXISTING IMPROVEMENTS.
14. ALL EXCESS MATERIAL OR MATERIAL NOTED FOR REMOVAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF AT LOCATIONS ACCEPTABLE TO THE OWNER AND GOVERNING AGENCIES.
15. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY OWNERS. CONTRACTOR SHALL TAKE MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS ON ADJACENT PROPERTIES. CONTRACTOR SHALL DOCUMENT THE CONDITION OF EXISTING IMPROVEMENTS ON ADJACENT PROPERTIES AROUND THE PERIMETER OF THE SITE PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO EXISTING IMPROVEMENTS ON ADJACENT PROPERTIES RESULTING FROM CONSTRUCTION ACTIVITIES UNDER THE CONTRACTOR'S CONTROL.
16. THE CONTRACTOR SHALL EMPLOY AN INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY TO VERIFY SOIL PROPERTIES, SOIL COMPACTION AND PAVEMENT MATERIAL PROPERTIES. THE CONTRACTOR SHALL COORDINATE WITH THE TESTING AGENCY TO MEET ALL TESTING REQUIREMENTS AND SHALL ALLOW THE TESTING AGENCY TO PERFORM TESTING AND RE-TESTING AS NECESSARY TO VERIFY COMPLIANCE WITH THE PROJECT SPECIFICATIONS. RE-TESTING IS REQUIRED IF WORK DOES NOT MEET THE SPECIFICATIONS.
17. THE SITE PLAN IS BASED ON A TOPOGRAPHIC SURVEY BY BENCHMARK LAND SURVEY, WICHITA KANSAS, DATED JULY 14, 2011. CONDITIONS OF THE SITE AT THE TIME OF CONSTRUCTION MAY VARY FROM THE SURVEYED CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS PRIOR TO BEGINNING WORK. NEITHER THE OWNER NOR THE ENGINEER WILL BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THE SURVEY DATA AND NO EXPRESSED OR IMPLIED GUARANTEE IS GIVEN OF THE INTERPRETATION THEREOF. REFERENCE IS MADE TO THE SITE INVESTIGATION AND GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON, OVERLAND PARK, KANSAS, DATED JULY 8, 2011, REPORT #01115167. NEITHER THE OWNER NOR THE ENGINEER WILL BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY, NOR FOR THE INTERPRETATION THEREOF. ALL SITE PREPARATION AND EARTHWORK CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE GEOTECHNICAL RECOMMENDATIONS SUBGRADE AND BACKFILL SHALL BE PREPARED ACCORDING TO THE GEOTECHNICAL REPORT. ALL BACKFILL SHALL BE PROPERLY COMPACTED.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR DE-WATERING CONSTRUCTION AREAS IN ORDER TO PERMIT CONTINUATION OF THE WORK. ANY WATER ACCUMULATION SHALL BE REMOVED BY PUMPING, IF REQUIRED.
19. FINISHED, GROUND SURFACE SLOPES SHALL BE MADE WITH A 3:1 MAXIMUM GRADE.
20. ALL DISTURBED AREAS SHALL BE SEEDDED OR SODDED AS SHOWN ON THE LANDSCAPE PLAN OR AS SPECIFIED BY THE OWNER. SUCH AREAS SHALL HAVE A STAND OF PERMANENT VEGETATION ESTABLISHED WITH NO LESS THAN 70% COVERAGE DENSITY.

**UTILITY NOTES:**

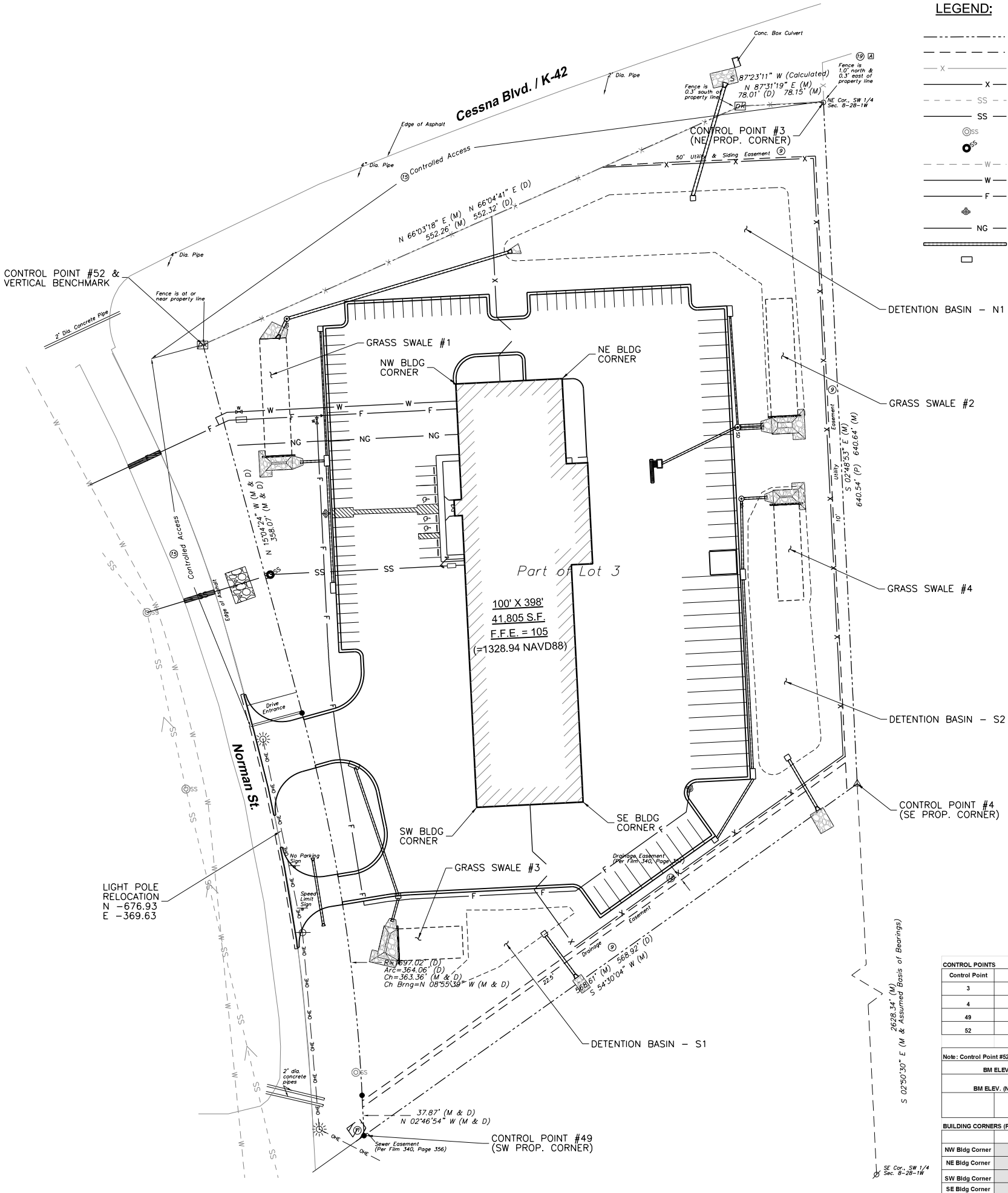
VISUAL INDICATIONS OF UTILITIES ARE AS SHOWN. UNDERGROUND LOCATIONS SHOWN, AS FURNISHED BY THEIR LESSORS, ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD AT THE TIME OF CONSTRUCTION. FOR ACTUAL FIELD LOCATIONS OF UNDERGROUND UTILITIES, CALL 1-800-344-7233. LAW REQUIRES 48 HOURS NOTICE.



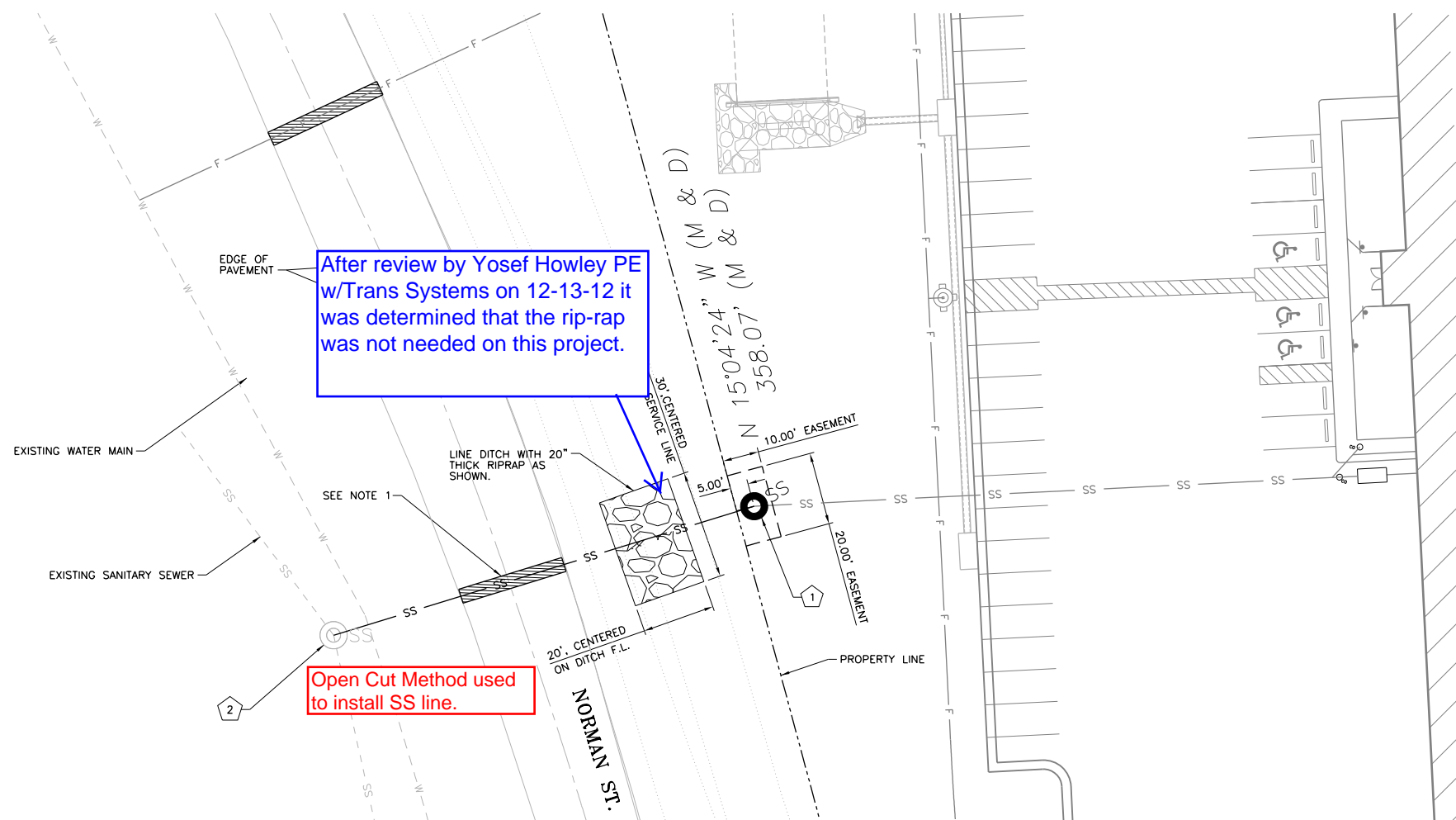
CONTROL POINTS				
Control Point	Northing	Easting	Point Description	Location
3	6.26	137.21	Found 1/2" Rebar (PEC)	NE Prop Corner
4	-831.489	168.963	Found 1/2" Rebar	SE Prop Corner
49	-963.789	-294.252	Set 1/2" Rebar (#168 Cap)	SW Prop Corner
52	-221.256	-445.595	Set PK Nail	NW Prop Corner

BUILDING CORNERS (PROPOSED)				
	Northing	Easting		
NW Bldg Corner	-258.04	-208.11		
NE Bldg Corner	-253.08	-108.24		
SW Bldg Corner	-655.55	-188.39		
SE Bldg Corner	-650.59	-88.51		



IF THIS DRAWING IS LESS THAN 24" X 36" IT IS A REDUCED SIZE DRAWING



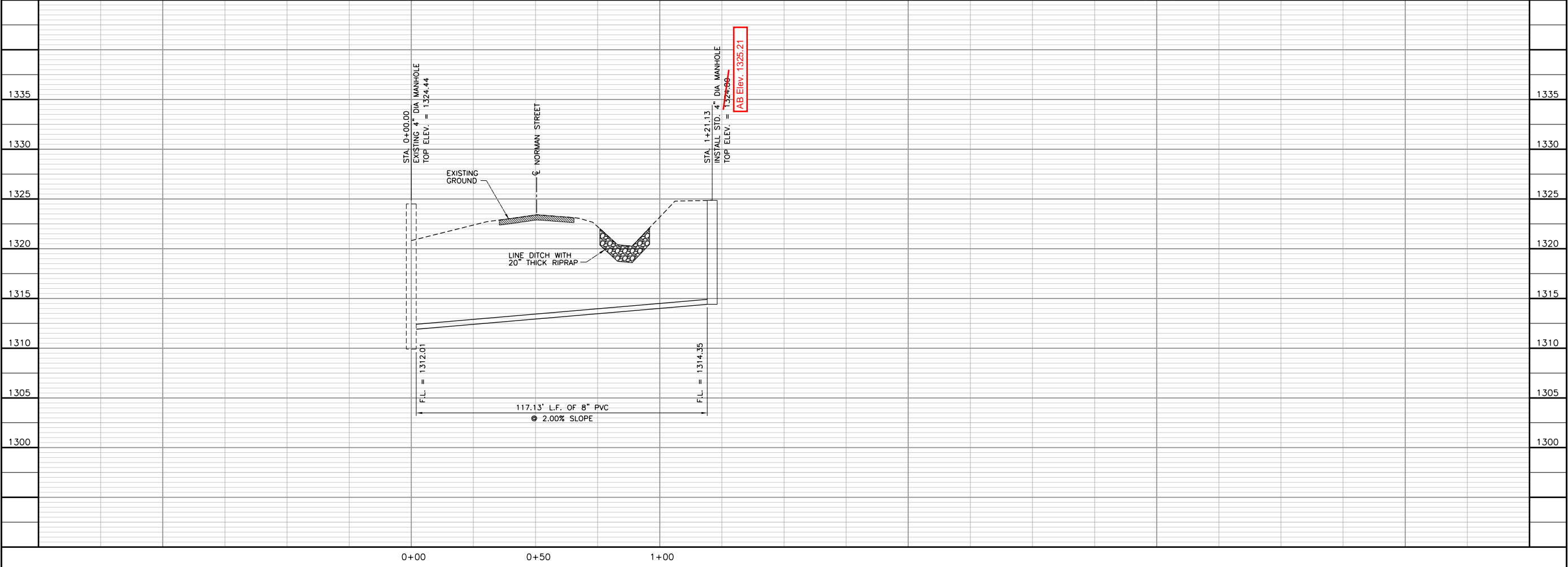
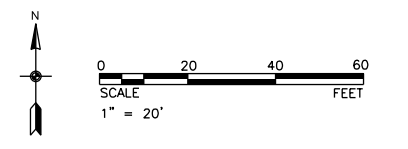
After review by Yosef Howley PE w/Trans Systems on 12-13-12 it was determined that the rip-rap was not needed on this project.

Open Cut Method used to install SS line.

- NOTES:**
- UTILITIES CROSSING NORMAN STREET SHALL BE INSTALLED BY OPEN TRENCH METHOD OR BY DIRECTION BORING. CONTRACTOR SHALL OBTAIN ALL NECESSARY CITY PERMITS FOR CONSTRUCTION IN PUBLIC RIGHT-OF-WAY AND FOR SERVICE CONNECTIONS. SEE SHEET C-502 FOR DETAILS OF TRENCHING AND PAVEMENT REPLACEMENT IS TO BE PERFORMED BY CITY OF WICHITA'S CONTRACTOR. COST OF PAVEMENT REPLACEMENT SHALL BE CHARGED TO OWNER. CONTRACTOR SHALL MAINTAIN VEHICLE ACCESS ON NORMAN STREET, USING FLAGGERS WHEN NECESSARY (ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH MUTCD STANDARDS). NORMAN STREET SHALL BE OPEN FOR NORMAL TRAFFIC AT THE END OF EACH DAYS WORK.
  - UTILITY LOCATIONS SHOWN ON THESE PLANS ARE FROM THE SURVEY AND ARE SHOWN IN AN APPROXIMATE WAY. THEY ARE NOT MEANT TO BE ALL INCLUSIVE AND HAVE NOT BEEN VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION TO PROVIDE FOR NON-INTERUPTION OF SERVICE. TO ENSURE PROPER CLEARANCES AND TO AVOID DAMAGE TO THE UTILITIES, DAMAGE TO THE UTILITIES DUE TO THE NEGLIGENCE OF THE CONTRACTOR TO OBTAIN THEIR EXACT LOCATIONS, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
  - CONTRACTOR SHALL COORDINATE ALL UTILITY CONSTRUCTION, INCLUDING REMOVAL AND/OR RELOCATION OF EXISTING UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES.

- KEY NOTES:**
- INSTALL STANDARD 4" DIA MANHOLE NO. 3  
 TOP ELEV. = 1324.80  
 FLOWLINE IN = 1314.85  
 FLOWLINE OUT = 1314.35  
 INSTALL 117.13 L.F. OF 8" DIA. PVC @ 2.00% SLOPE TO EXISTING SANITARY MANHOLE
  - CONNECT 8" PVC SERVICE LINE TO EXISTING SANITARY MANHOLE.  
 (PRO) FLOWLINE IN = 1312.01  
 (EX) FLOWLINE IN = 1310.01  
 (EX) FLOWLINE OUT = 1309.84  
 (NOTE: CONTRACTOR MUST VERIFY EXIST. F.L. ELEV. PRIOR TO CONSTRUCTION.)

100' X 398'  
 41,805 S.F.  
 F.F.E. = 105  
 (=1328.94 NAVD8)



CONSULTANTS:

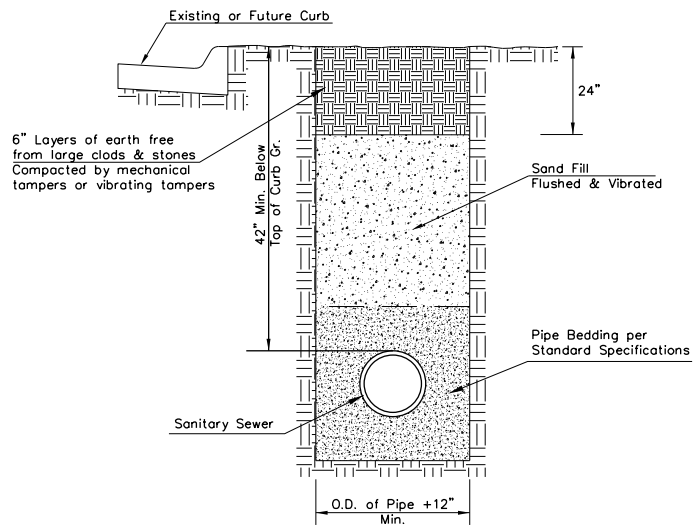
REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: P101110436  
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 DATE: 5/24/2012  
 DESIGNED BY: DLM  
 DRAWN BY: DLM  
 CHECKED BY: GEH

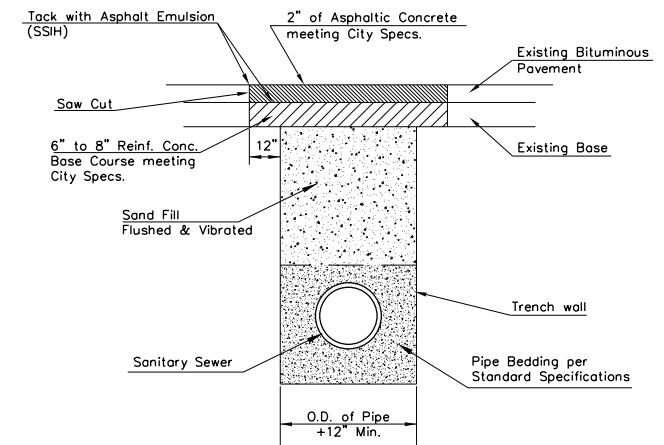
SHEET TITLE:  
**PUBLIC SANITARY SEWER PLAN AND PROFILE**

SHEET NO.  
**C-101**  
 SHEET OF





**TRENCH COMPACTION IN ROAD RIGHT-OF-WAY**  
NO SCALE



**PAVEMENT REPLACEMENT & TRENCH COMPACTION UNDER EXISTING AND PROPOSED CITY ROADS**  
NO SCALE

NOTE:  
PAVEMENT REPLACEMENT IS TO BE PERFORMED BY CITY OF WICHITA'S CONTRACTOR. COST OF PAVEMENT REPLACEMENT WILL BE CHARGED TO OWNER.

CONSULTANTS:

INLAND TRUCK PARTS  
NEW SERVICE STATION

WICHITA, KANSAS

**INLAND TRUCK PARTS COMPANY**  
An Employee Owned Company

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: P101110436  
SCALE: NONE  
DATE: 5/24/2012  
DESIGNED BY: DLM  
DRAWN BY: DLM  
CHECKED BY: GEH

SHEET TITLE:  
**STANDARD DETAILS**

SHEET NO.  
**C-502**  
SHEET OF