

PRIVATE PROJECT STORMWATER PLAN TO SERVE
CVS/pharmacy[®]

CITY OF WICHITA PROJECT NO. 120 PPD (607861)
 CS#064718 STORE#10070 SWC E HARRY ST. AND S HILLSIDE AVE.
 WICHITA, KS
 SOUTHWEST CORNER OF HARRY STREET AND HILLSIDE STREET
 ZONED: LC LIMITED COMMERCIAL
 TAX ID#128340110100100

PROJECT DIRECTORY

OWNER

CVS REALTY, CO.
 1165 N CLARK ST SUITE 305
 CHICAGO, IL 60610
 (312) 953-6322
 CONTACT: MR. RICHARD E. SMART

DEVELOPER

VELMEIR COMPANIES
 5757 W. MAPLE, SUITE 800
 WEST BLOOMFIELD, MI 48322
 (248) 794-9768
 CONTACT: MR. JIM COLLIER

ARCHITECT

NORR, LLC
 719 GRISWOLD STREET
 DETROIT, MI 48226
 (313) 324-3100
 CONTACT: MR. SCOTT ROBACH

CIVIL ENGINEER

PREMIER CIVIL ENGINEERING, LLC
 308 TCW COURT
 LAKE SAINT LOUIS, MO 63367
 (314) 925-7452
 CONTACT: MR. MATT FOGARTY

SURVEYOR

SAVOY COMPANY, P.A.
 433 S. HYDRAULIC
 WICHITA, KS 67211
 (316) 265-0005
 CONTACT: MR. MARK SAVOY

MUNICIPALITY

CITY OF WICHITA, KS

GEOTECHNICAL/ENVIRONMENTAL ENGINEER

TERRACON CONSULTANTS
 1815 S. EISENHOWER
 WICHITA, KS 67209
 (316) 262 0717
 CONTACT: GEORGE A. EL TANNOURY, P.E.

CITY OF WICHITA TRAFFIC ENGINEER

CONTACT: PAUL GUNZELMAN, P.E.
 455 N. MAIN ST. 7TH FLOOR
 WICHITA, KS 67202
 316-268-4393

UTILITY PROVIDERS

WESTAR ENERGY
 (316) 261-6734
 CONTACT: MRS. MARSHA JESSE

KANSAS GAS SERVICE

(316) 832-3126
 CONTACT: MR. JIM COE

AT&T

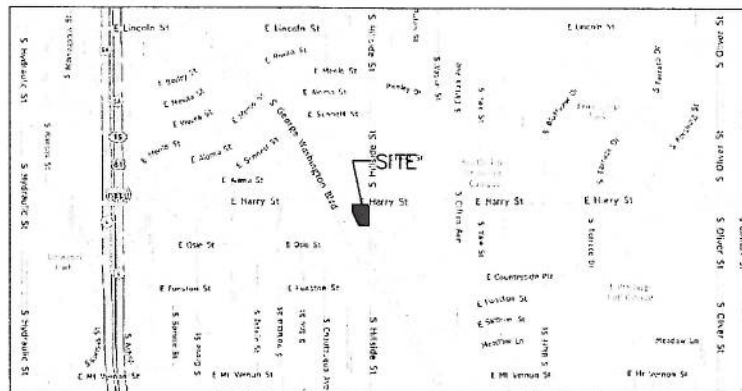
(314) 957-3789
 CONTACT: MR. MARK ADAMS

**PUBLIC WORKS & UTILITIES
 STORMWATER MANAGEMENT DIVISION**

CITY HALL, 8TH FLOOR
 455 N. MAIN
 WICHITA, KANSAS 67202
 (316) 268-4498
 CONTACT: SCOTT LINDEBAK

CITY OF WICHITA WATER UTILITIES

CITY HALL, 8TH FLOOR
 455 N. MAIN
 WICHITA, KANSAS 67202
 (316) 268-4555
 CONTACT: GREG LOLLEY

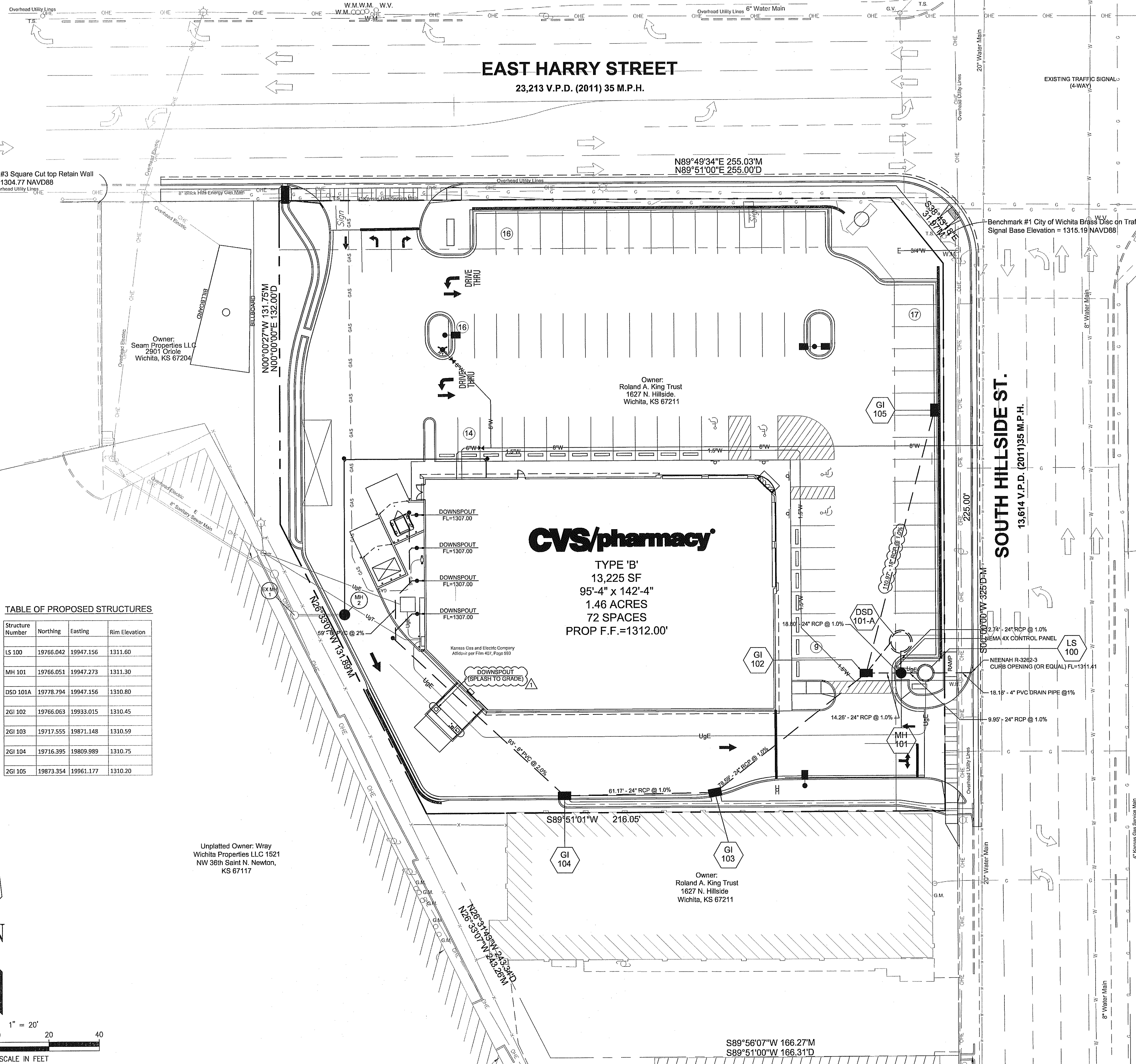


EAST HARRY STREET

23,213 V.P.D. (2011) 35 M.P.H.

CVS/pharmacy

TYPE 'B'
13,225 SF
95'-4" x 142'-4"
1.46 ACRES
72 SPACES
PROP F.F. = 1312.00'



- ### UTILITY NOTES:
- ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
 - CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
 - CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-6" COVER ON ALL WATER LINES AND 3'-6" ON ALL SANITARY SEWER LINES.
 - CONTRACTOR SHALL COORDINATE WITH BUILDING ARCHITECT AND TELEPHONE COMPANY FOR EXACT LOCATIONS OF TELEPHONE ENTRY TO THE BUILDING. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CONDUITS, PULL WIRES, TRENCHING, BACKFILL, ETC. REQUIRED BY TELEPHONE CO.
 - CONNECTION FROM THE METER TO SITE UTILITY LINES SHALL BE MADE BY BUILDING CONTRACTOR.
 - EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
 - REFER TO INTERIOR MECHANICAL, ELECTRIC AND PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
 - ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
 - CONTRACTOR SHALL COORDINATE WITH BUILDING ARCHITECT AND KANSAS GAS SERVICE FOR EXACT LOCATION OF GAS ENTRY. G.C. TO INCLUDE IN BID FOR CONTRACTOR ANY GAS PIPING, CONDUITS, TRENCHING, BACKFILLING, ETC. REQUIRED BY KANSAS GAS SERVICE.
 - CONTRACTOR SHALL COORDINATE WITH BUILDING ARCHITECT AND ELECTRIC COMPANY FOR EXACT LOCATION OF ELECTRIC ENTRY. G.C. SHALL INCLUDE FOR ANY CONDUITS, TRENCHING, BACKFILLING, CABLES, ETC. REQUIRED BY ELECTRIC COMPANY IN HISHER BID.
 - SEE MEP PLANS FOR GAS SERVICE SIZING.
 - ALL UTILITY SEWER TRENCH BACKFILL SHALL HAVE GRANULAR BACKFILL AND BE MECHANICALLY COMPACTED.
 - THE CONTRACTOR SHALL VERIFY THE LOCATION, CONDITION AND ELEVATION OF ALL PROPOSED SEWER CONNECTION POINTS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT WOULD INTERFERE WITH THE PROPOSED SEWER DESIGN SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - THE EXISTING INLETS NOTED ARE TO BE INSPECTED BY CITY OF WICHITA AND A DETERMINATION MADE IF REPLACEMENT IS NEEDED. EXISTING TOP OF STRUCTURES AND ALL FLOWLINES OF STRUCTURES ARE TO BE REPLICATED PER PLANS IF REPLACEMENT IS REQUIRED. CONTRACTOR TO INCLUDE REMOVAL AND REPLACEMENT OF STRUCTURES IN BID.
 - ALL PERMIT FEES AND COSTS ASSOCIATED WITH BRINGING UTILITY, SEWER AND WATER SERVICES TO THE BUILDING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL FEES AND COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
 - G.C. IS TO PROVIDE TRENCH, WIRE, AND CONDUIT FOR TELEPHONE AND ELECTRICAL SERVICES, BACKFILL AND GRADE SMOOTH FOR A COMPLETE TELEPHONE AND ELECTRIC INSTALLATION.
 - ALL LANDSCAPE ISLANDS AND GREEN SPACE IN THE RIGHT-OF-WAY SHALL BE IRRIGATED.
 - THE CONTRACTOR SHALL INCLUDE FOR TELEPHONE INSTALLATION COSTS BY THE LOCAL PHONE COMPANY IN HISHER BID.
 - THE CONTRACTOR SHALL INCLUDE THE COST ESTIMATE PROVIDED BY WESTAR ENERGY IN HISHER BID FOR THE RELOCATION OF ANY OVERHEAD ELECTRIC OR GUY WIRES.

- ### ELECTRIC, TELEPHONE AND CATV NOTES
- COORDINATION WITH THE ELECTRIC, TELEPHONE AND CATV COMPANIES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND SHALL BE CONDUCTED IN A MANNER THAT RESULTS IN AN EFFICIENT AND TIMELY RELOCATION AND REMOVAL OF THE EXISTING FACILITIES.
 - GROUND ELEVATIONS SHALL BE WITHIN 6" OF THE FINAL PROPOSED ELEVATIONS PRIOR TO THE START OF ELECTRIC, TELEPHONE AND CATV RELOCATIONS OR INSTALLATIONS OF NEW SERVICE.

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTAL OF HIS/HER BIDS TO CONFIRM THAT THE SITE CONDITIONS ARE AS SHOWN ON THESE PLANS. ANY CONDITION THAT IS DIFFERENT THAN WHAT IS SHOWN ON THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO SUBMITTAL OF BIDS.

TABLE OF PROPOSED STRUCTURES

Structure Number	Northing	Eastng	Rim Elevation
LS 100	19766.042	19947.156	1311.60
MH 101	19766.051	19947.273	1311.30
DSD 101A	19778.794	19947.156	1310.80
ZGI 102	19766.063	19933.015	1310.45
ZGI 103	19717.555	19871.148	1310.59
ZGI 104	19716.395	19809.989	1310.75
ZGI 105	19873.354	19961.177	1310.20

Unplatted Owner: Wray
Wichita Properties LLC 1521
NW 36th Saint N. Newton,
KS 67117

Owner:
Roland A. King Trust
1627 N. Hillside,
Wichita, KS 67211

NORTHERN 13,225-RIGHT CHAMFER DRIVE-THRU
STORE NUMBER: 10070
SWC E HARRY ST AND S HILLSIDE ST
WICHITA, KS
PROJECT TYPE: NEW CONSTRUCTION
DEAL TYPE: Fee for Service/Land/Type B
CS PROJECT NUMBER: 064718

ARCHITECT OF RECORD

NORR
ARCHITECTS ENGINEERS PLANNERS

CONSULTANT:

PREMIER CIVIL ENGINEERING
308 TCW Court
Lake Saint Louis, MO 63367
Phone: (314) 925-7444 Fax: (314) 925-7457

DEVELOPER:

VELMEIR COMPANIES

ENGINEER AUTHORIZATION

STEVE MARLOWE
PROFESSIONAL ENGINEER
20422

REVISIONS:

NO.	DATE	DESCRIPTION

DRAWING BY: J.BRADDOCK
DATE: 08-17-12
JOB NUMBER: 112701
TITLE:

STORM SEWER PLAN
SHEET NUMBER:

C-3D
COMMENTS:
NOT APPROVED FOR CONSTRUCTION

I:\STORAGE\1\Server\CIVIL 3D PROJECTS\112701\DWG\Construction Drawings\SWC HILLSIDE AND HARRY DES 07-19-12.DWG.dwg, 10/11/2012 12:01:20 PM, ps2012

STORM SEWER PROFILE NOTES

- AI DENOTES AREA INLET (OPEN 4 SIDES UNLESS NOTED OTHERWISE)

DAI DENOTES DOUBLE AREA INLET (OPEN 6 SIDES UNLESS NOTED OTHERWISE)

MH DENOTES MANHOLE

2GI DENOTES 2 GRATE INLET

4GI DENOTES 4 GRATE INLET
2GIW/SIDE NOTES 2 GRATE INLET WITH SIDE INTAKE. (ELEVATION OF INLET TOP IS TO THE TOP OF GRATE, ADD 0.50' FOR TOP OF SIDE INTAKE.)

EP DENOTES END OF PIPE

FE DENOTES FLARED END SECTION

IMH DENOTES INTERCEPTOR MANHOLE

TD DENOTES TRENCH DRAIN

DS DENOTES DOWNSTREAM DEFENDER
- ALL DIMENSIONS ARE TO THE CENTERLINE OF STRUCTURE, TO THE END OF FLARED END SECTION OR TO THE END OF PIPE AT EP'S.



THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTAL OF HIS/HER BIDS TO CONFIRM THAT THE SITE CONDITIONS ARE AS SHOWN ON THESE PLANS. ANY CONDITION THAT IS DIFFERENT THAN WHAT IS SHOWN ON THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO SUBMITTAL OF BIDS.

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

