

VICINITY MAP  
NOT TO SCALE

LEGEND

---	= PROPERTY LINE
- - -	= EX. WATER
- - -	= EX. SANITARY SEWER
(S)	= EX. SS MANHOLE
(CO)	= EX. SS CLEANOUT
(G)	= EX. GAS METER
(M)	= EX. WATER METER
(FH)	= EX. FIRE HYDRANT
(T)	= EX. WATER VALVE
---	= EX. EXISTING
---	= EASEMENT
---	= LANDSCAPE
---	= BACK OF CURB
---	= TO BACK OF CURB
---	= CENTERLINE
○	= PROP. FIRE HYDRANT
□	= PROPOSED FIRELANE & ACCESS ESMIT

revised date note

4/1/09 Revised DDA & FDC locations  
4/15/09 Revised FDC location

AS-BUILT  
OCTOBER 27, 2009  
GERALD E. KONIK, P.E.

INFORMATION SHOWN ON THESE PLANS WAS FURNISHED BY THE RECORD DRAWING. ALL RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION IS THE RESPONSIBILITY OF THE RECORD DRAWING.



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UTILITY PLAN

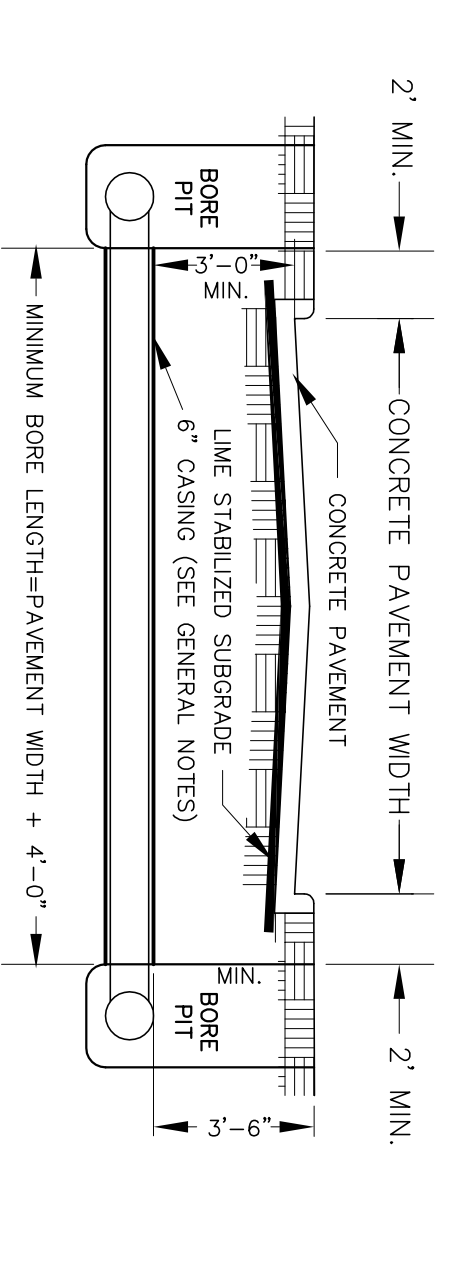
THOMAS DEVELOPMENTS

LOTS 1 & 2, BLOCK 1, 2.16 Acres  
Town of Addison, Dallas County, Texas

3211 Valley Forge Drive, McKinney, Texas 75070  
972-926-8086 Fax 972-481-1640

DESIGNED BY: TOM SPANGLER  
1200 W. State Street, Suite 200, McKinney, Texas 75040  
972-272-1763 Fax 972-272-8761

PROJECT NO.: 2007-24  
DATE: 8/13/08  
SCALE: 1" = 30'  
SHEET: C102



EXISTING CONCRETE PAVEMENT UTILITY INSTALLATION BORE

GENERAL NOTES:

1. THE USE OF A CASING PIPE WILL BE BASED UPON THE SERVICE PROJECT AND SOIL CONDITIONS. THE APPROVED PLANS WILL SHOW THE CASING PIPE WHERE REQUIRED AND THE REQUIRED MATERIALS AS SHOWN IN THE TOWN OF ADDISON STANDARD DETAILS. IN ALL CASES THE INSTALLATION SHALL CONFORM WITH THE GOVERNING AUTHORITY'S STANDARDS.
2. WHERE A BORE PIT EXCEEDS (5) FIVE FEET IN DEPTH THE CONTRACTOR SHALL INSTALL SHORING OF THE PIT WALLS AS REQUIRED BY TEXAS STATE LAW (HB 662 AND HB 665) REGARDING THE SAFETY SYSTEMS TO BE USED DURING TRENCH EXCAVATION (AS STATED IN THE OCCUPATION SAFETY AND HEALTH ADMINISTRATION STANDARDS).
3. ALL BORE PITS SHALL BE BACKFILLED WITH FORTY EIGHT (48) HOURS OF UTILITY INSTALLATION. NO BORE PIT SHALL REMAIN OPEN IN EXCESS OF SEVENTY TWO (72) HOURS WITHOUT SHORING TO PREVENT CAVING OF PIT WALLS.
4. WHERE A BORE IS TO BE PARTIALLY OR COMPLETELY ABANDONED, SAID BORE SHALL BE COMPLETELY FILLED WITH HYDRAULICALLY PLACED CEMENT GROUT.
5. CORRUGATED METAL PIPE SHALL NOT BE ACCEPTED AS AN ENCASMENT PIPE. ONLY DUCTILE IRON PIPE, REINFORCED CONCRETE PIPE, OR HIGH DENSITY STEEL PIPE DESIGNED TO SUIT THE EXISTING SOIL CONDITIONS SHALL BE USED.

ONLY DRAWINGS STAMPED "RELEASED FOR CONSTRUCTION" BY THE TOWN OF ADDISON TO BE USED FOR CONSTRUCTION.

WARNING:  
PRIOR TO THE BEGINNING OF ANY CONSTRUCTION OR CONSTRUCTION STAKING, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CIVIL ENGINEER OF THE TOWN OF ADDISON IN WRITING TO OBTAIN THE LATEST CORRECT SET OF CONSTRUCTION DOCUMENTS.

BENCHMARK:  
NORTHING 7,035,436.612'  
EASTING 2,466,177.089'  
ELEVATION 531.46'

INSTALL 6" LATERAL & CONNECT TO EX. SEWER MATCH EXIST FLOWLINE. (VERIFY IN FIELD)

APPOX. LOCATION OF EX. 8" SANITARY SEWER (VERIFY IN FIELD)

REMOVE EXIST. PLUG CONNECT TO EX. 8" WATER & 8" VALVE. (2) 15' BEND (VERIFY LOCATION IN FIELD)

PROVIDE 250 GAL SANDTRAP

INSTALL DBL CHECK DETECTOR APPARATUS IN BLDG & MOUNT TOUCH PAD ON EXT. BUILDING FACE

PROVIDE 250 GAL SANDTRAP

INSTALL 6" LATERAL & CONNECT TO EX. SEWER MATCH EXIST FLOWLINE. INSTALL DBL CLEANOUT (VERIFY IN FIELD)

INSTALL (2) 90° BENDS

CONNECT TO EX. 8" WATER & 8" VALVE. (VERIFY LOCATION IN FIELD)

INSTALL (1) 11-1/4" BEND

INSTALL (1) 8"x6" TEE (1) 6" VALVE (1) 6" FIRE LINE C-909 CLASS 200 PVC (THRUST BLOCK TYP)

INSTALL (1) 45° BEND

INSTALL DBL CHECK DETECTOR APPARATUS IN BUILDING & MOUNT TOUCH PAD ON EXTERIOR BUILDING FACE

INSTALL (1) 8" VALVE

FOR DOMESTIC & IRRIGATION INSTALL: (2) 1" SERVICE (2) 1" WATER LINES (2) 1" DBL CHECK VALVE ASSEMBLIES. INSTALL METERS IN ESMIT (ALL THRUST BLOCK TYP)

INSTALL (1) 8"x6" TEE (1) 6" VALVE (2) 8" FIRE LINE C-909 CLASS 200 PVC (THRUST BLOCK TYP)

INSTALL (1) 8"x8"x6" TEE (1) 6" VALVE (1) FIRE HYDRANT ASSEMBLY

INSTALL (2) 45° BENDS

INSTALL (2) 45° BENDS

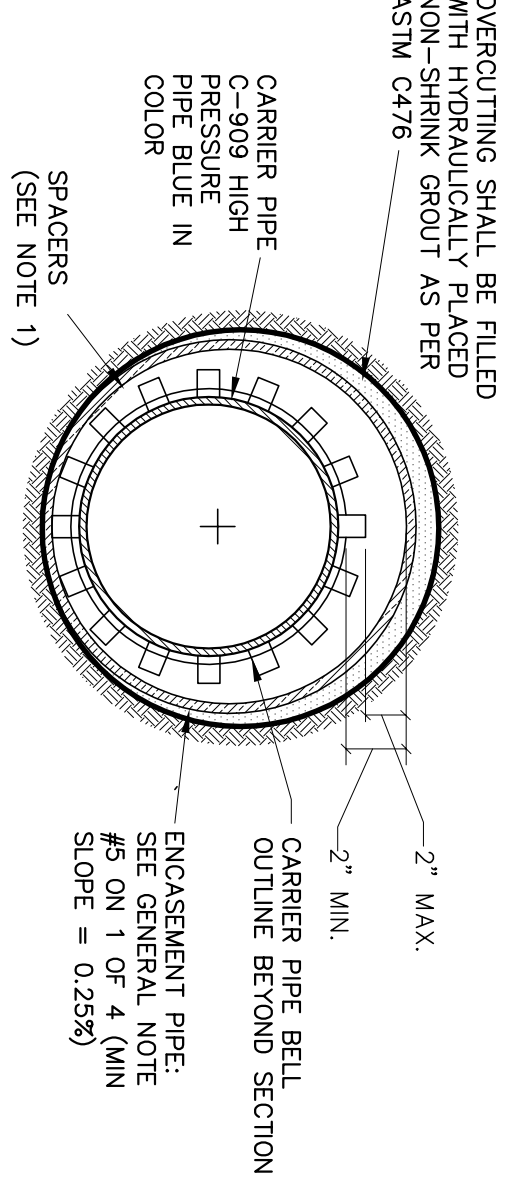
INSTALL (1) FDC

FOR DOMESTIC & IRRIGATION INSTALL: (2) 1" SERVICE (2) 1" WATER LINES (2) 1" DBL CHECK VALVE ASSEMBLIES. INSTALL METERS IN ESMIT (ALL THRUST BLOCK TYP)

INSTALL (2) 45° BENDS

\*\*\* NOTICE TO CONTRACTORS \*\*\*  
TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY CONNALLY & ASSOCIATES, INC. OF DALLAS, TEXAS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS TO THE TOPOGRAPHIC INFORMATION. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR CONFIRMING THE LOCATION (HORIZONTAL/VERTICAL) OF ANY BURIED CABLES, CONDUITS, PIPES, AND STRUCTURES (STORM SEWER, SANITARY SEWER, WATER, GAS, TELEVISION, TELEPHONE, ETC.) WHICH IMPACT THE CONSTRUCTION SITE. THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND BETWEEN THE ACTUAL CONDITIONS VERSUS THE DATA CONTAINED IN THE CONSTRUCTION PLANS. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL LOCATION (HORIZONTAL/VERTICAL) OF SAID CABLES, CONDUITS, PIPES, AND STRUCTURES SHALL BE BORNE BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY ERRORS OR DISCREPANCIES ARE FOUND ON THE CONSTRUCTION DOCUMENTS (P&S&E), WHICH NEGATIVELY IMPACT THE PROJECT. ENGINEER AND OWNER SHALL BE INDEMNIFIED OF PROBLEMS AND/OR COST WHICH MAY RESULT FROM CONTRACTOR'S FAILURE TO NOTIFY ENGINEER AND OWNER.

NOTE:  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION OF ALL EXISTING UTILITIES AND EASEMENTS PRIOR TO START OF OPERATIONS. CONTRACTOR WILL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO STARTING THE WORK. EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO START OF CONSTRUCTION. TAKE THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL UTILITIES ENCOUNTERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.



WATER MAIN ENCASUREMENT