

PLAN & PROFILE FOR PROP. 6" SAN. SERVICE LEAD

SCALE: V: 1"=20'-0"  
H: 1"=2'-0"

PLAN & PROFILE FOR PROP. 6" FIRE LINE

SCALE: V: 1"=20'-0"  
H: 1"=2'-0"

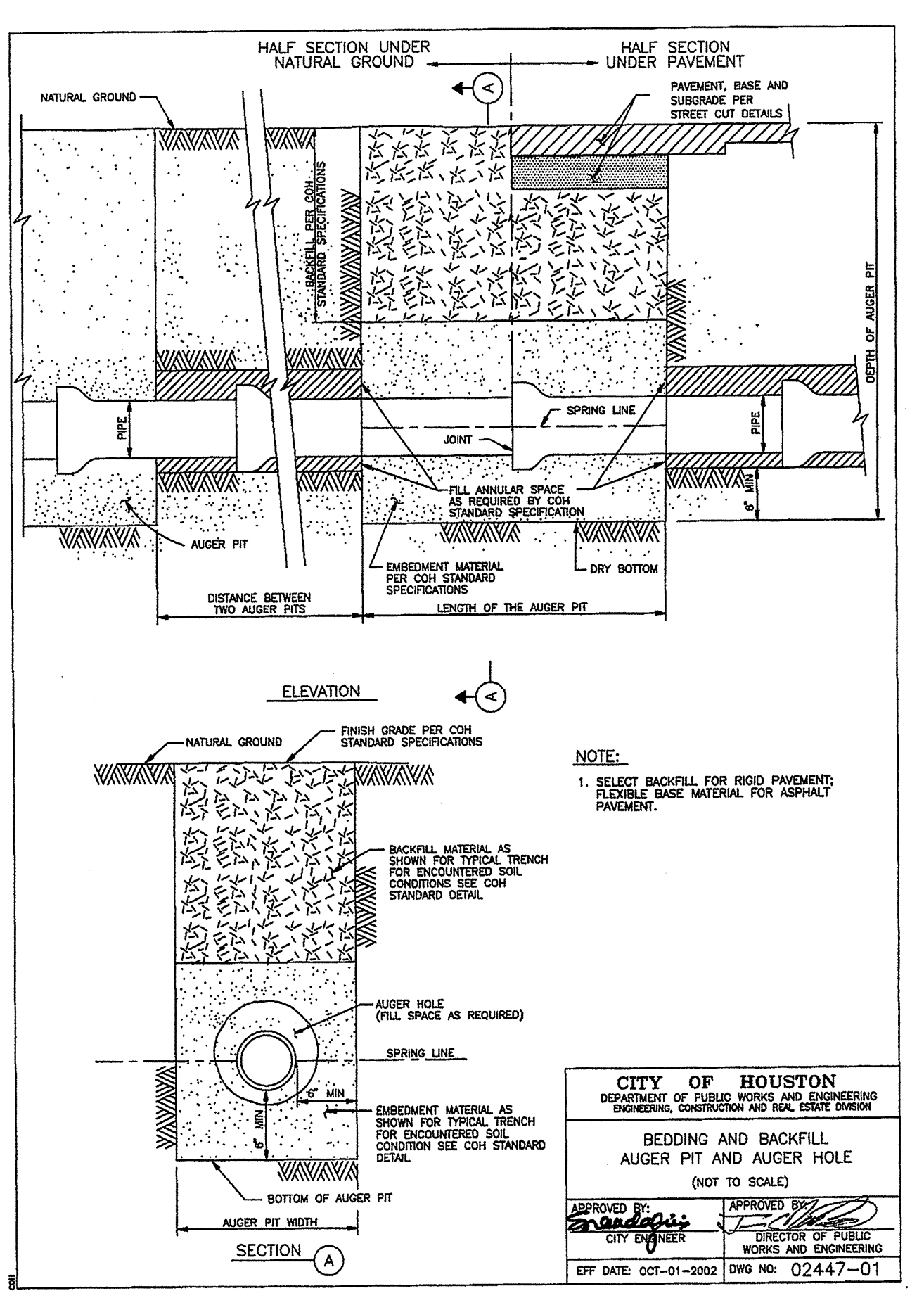
CONTRACTOR TO PROBE ALL UNDERGROUND UTILITIES BETWEEN R.O.W. AND VERIFY CLEARANCE PRIOR TO BORE & JACK OPERATION.

SEE C.O.H. DWG NO. 02447-01 FOR BORING & BACKFILL.

CONTRACTOR TO VERIFY THE EXACT LOCATION AND ELEVATION OF THE EXIST. 12" WATERLINE BEFORE COMMENCING ANY CONSTRUCTION WORKS. CONTRACTOR WILL NEED TO ADJUST THE WATERLINE ELEVATION IF 12" CLEARANCE CAN NOT BE MAINTAINED. REFER TO C.O.H. DWG. NO. 02511-01

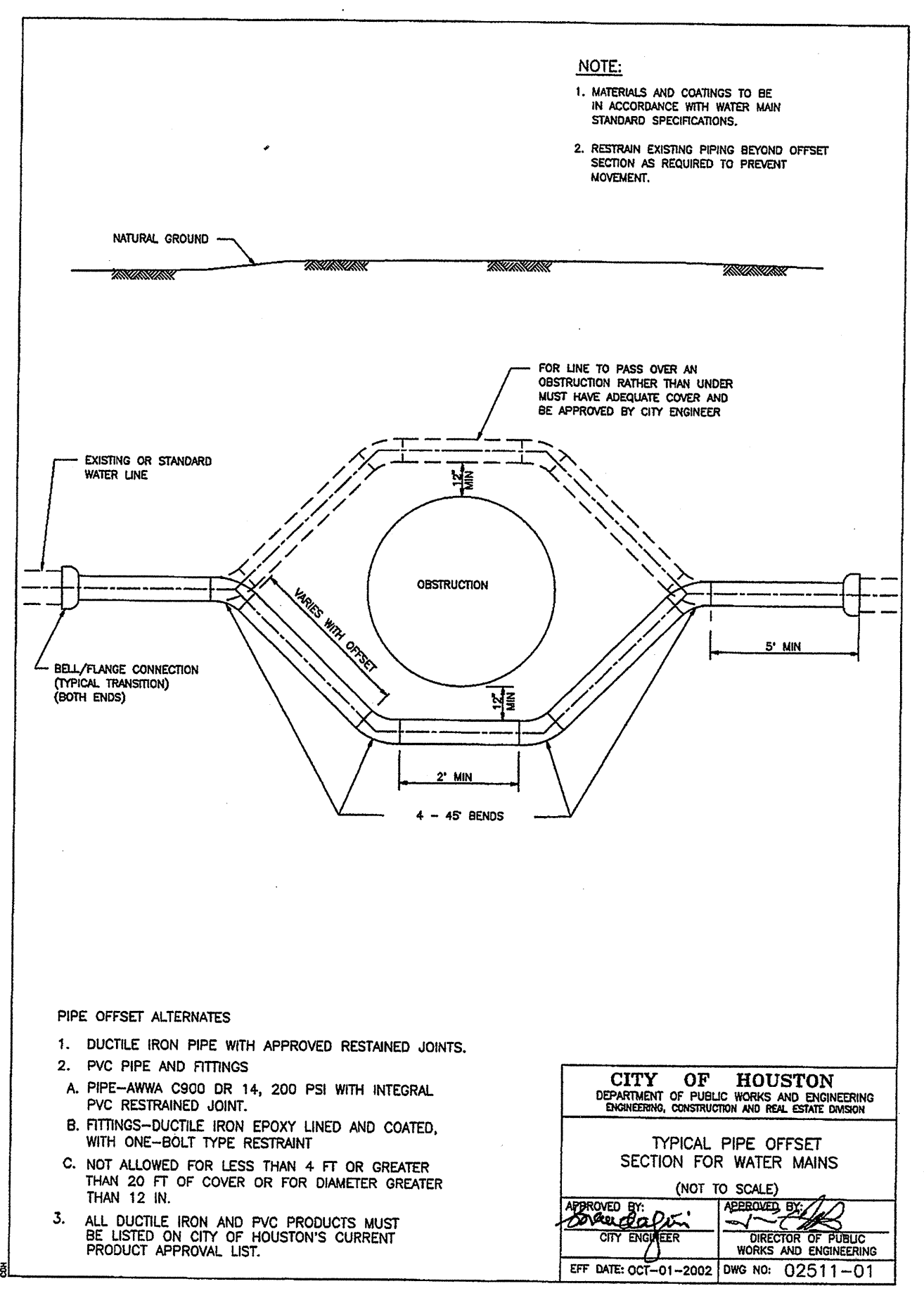
**FIRE LINE NOTE:**

CLOSED SYSTEM - DO NOT HAVE FIRE HYDRANTS (SPRINKLER ONLY)  
\* THIS CLOSED SYSTEM WILL REQUIRE A DOUBLE CHECK DETECTOR BACK FLOW PREVENTION ASSEMBLY WITH A METERED BY PASS LOCATED ON PRIVATE PROPERTY IN A LOCATION THAT MAY BE INSIDE OR OUTSIDE THE STRUCTURE AND OWNED AND MAINTAINED BY THE OWNER PROVIDED THAT THE BYPASS METER WILL BE OWNED AND MAINTAINED BY THE CITY.



NOTE:  
1. SELECT BACKFILL FOR RIGID PAVEMENT; FLEXIBLE BASE MATERIAL FOR ASPHALT PAVEMENT.

CITY OF HOUSTON  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
BEDDING AND BACKFILL  
AUGER PIT AND AUGER HOLE  
(NOT TO SCALE)  
APPROVED BY: [Signature]  
CITY ENGINEER  
EPP DATE: OCT-01-2002 DWG NO: 02447-01



NOTE:  
1. MATERIALS AND COATINGS TO BE IN ACCORDANCE WITH WATER MAIN STANDARD SPECIFICATIONS.  
2. RESTRAIN EXISTING PIPING BEYOND OFFSET SECTION AS REQUIRED TO PREVENT MOVEMENT.

- PIPE OFFSET ALTERNATES
1. DUCTILE IRON PIPE WITH APPROVED RESTRAINED JOINTS.
  2. PVC PIPE AND FITTINGS
    - A. PIPE-AMWA C900 DR 14, 200 PSI WITH INTEGRAL PVC RESTRAINED JOINT.
    - B. FITTINGS-DUCTILE IRON EPOXY LINED AND COATED, WITH ONE-BOLT TYPE RESTRAINT
    - C. NOT ALLOWED FOR LESS THAN 4 FT OR GREATER THAN 20 FT OF COVER OR FOR DIAMETER GREATER THAN 12 IN.
  3. ALL DUCTILE IRON AND PVC PRODUCTS MUST BE LISTED ON CITY OF HOUSTON'S CURRENT PRODUCT APPROVAL LIST.

CITY OF HOUSTON  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING  
TYPICAL PIPE OFFSET SECTION FOR WATER MAINS  
(NOT TO SCALE)  
APPROVED BY: [Signature]  
CITY ENGINEER  
EPP DATE: OCT-01-2002 DWG NO: 02511-01

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-7777.

**NOTICE:**  
AT LEAST 48 HOURS BEFORE EXCAVATING IN STREET R.O.W. OR EASEMENTS CALL THE LONE STAR NOTIFICATION 713-223-4567

**PRIVATE UTILITY LINES SHOWN**

NO.	DATE	REVISION	BY

**RENEngineering, Inc.**  
Consulting Engineers  
6100 Corporate Dr., Suite 515, Houston, TX 77036  
Tel: 713-981-0041 • Fax: 713-981-1156  
PROJ: 08020 / REN SCALE: 1" = 20'-0" DATE: 4/30/2007

**John P. McGovern, M.D. Community Sports & Recreation Building**  
7318 AVENUE F, Houston, TX 77011

**PLAN AND PROFILE**

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

**CITY OF HOUSTON**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	STREET & BRIDGE
WASTEWATER	TRAFFIC
STORM	STORM WATER QUALITY
FACILITIES	

FILE NO: FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE:  
HORZ: 1"=20'-0"  
VERT: 1"=2'-0"  
SHEET No: 7 OF 10



**C6.1**

ILMS No. LOG No. 2007-