

**CAUTION !!!**  
**EXISTING UTILITIES**

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 HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

B.M. ~ "□" CUT ON EAST TOP OF CURBAT THE END OF HOLDEN DRIVE BEING N31°E A DISTANCE OF 27' FROM THE CENTERLINE INTERSECTION OF HOLDEN DRIVE AND HUNT LANE. ELEVATION 508.49

B.M. ~ "X" CUT IN THE NORTH SIDE OF ALLEY IN THE MIDDLE OF LOT 17 OF HARLAN PARK PHASE 1. ELEVATION 513.23

NTMWD UTILITY CROSSINGS

1. FOR OPEN CUT, WHERE CROSSING UNDER THE NTMWD PIPELINE WITHIN TEN FEET EITHER SIDE OF THE CENTERLINE OF PIPELINE, THE TRENCH WIDTH TO BE CUT SHALL BE LIMITED TO FOUR-FOOT VERTICAL WALLS, NO SLOPING BANK WITH THE APPROPRIATE TRENCH SAFETY. THE ENTIRE EXCAVATION WITHIN THE LIMITS NOTED ABOVE SHALL BE BACKFILLED WITH GRAVEL TO ONE FOOT ABOVE TOP OF NTMWD PIPELINE. ONE-FOOT MINIMUM VERTICAL CLEARANCE IS REQUIRED BETWEEN NTMWD PIPELINE AND PROPOSED UTILITIES.
2. FOR BORING, THE LIMITS OF THE BORE SHALL BE A MINIMUM WIDTH OF THE NTMWD EASEMENT. A CASING PIPE JOINT SHALL BE CENTERED ON NTMWD'S PIPELINE.
3. THE CASING PIPE SHALL TERMINATE OUTSIDE OF NTMWD'S EASEMENT.

ANY EXCAVATION ADJACENT TO NTMWD PIPELINE AND APPURTENANCES TO INSTALL THE PROPOSED IMPROVEMENTS SHALL BE PERFORMED SO THAT THE PIPELINE OR APPURTENANCES ARE NOT DISPLACED OR DAMAGED. ANY DAMAGE TO THE PIPELINE OR APPURTENANCES SHALL BE REPAIRED TO THE SATISFACTION OF THE NTMWD. FURTHER, ANY COST FOR REPAIR OF DAMAGE TO THE PIPELINE OR APPURTENANCES RESULTING FROM CONSTRUCTION BY THE DEVELOPER OR CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.

GENERAL NOTES

1. Force Main to be constructed of AWWA C900, DR14, Class 200 PVC Pipe. PVC Force Main to be Green in color.

NTMWD NOTE

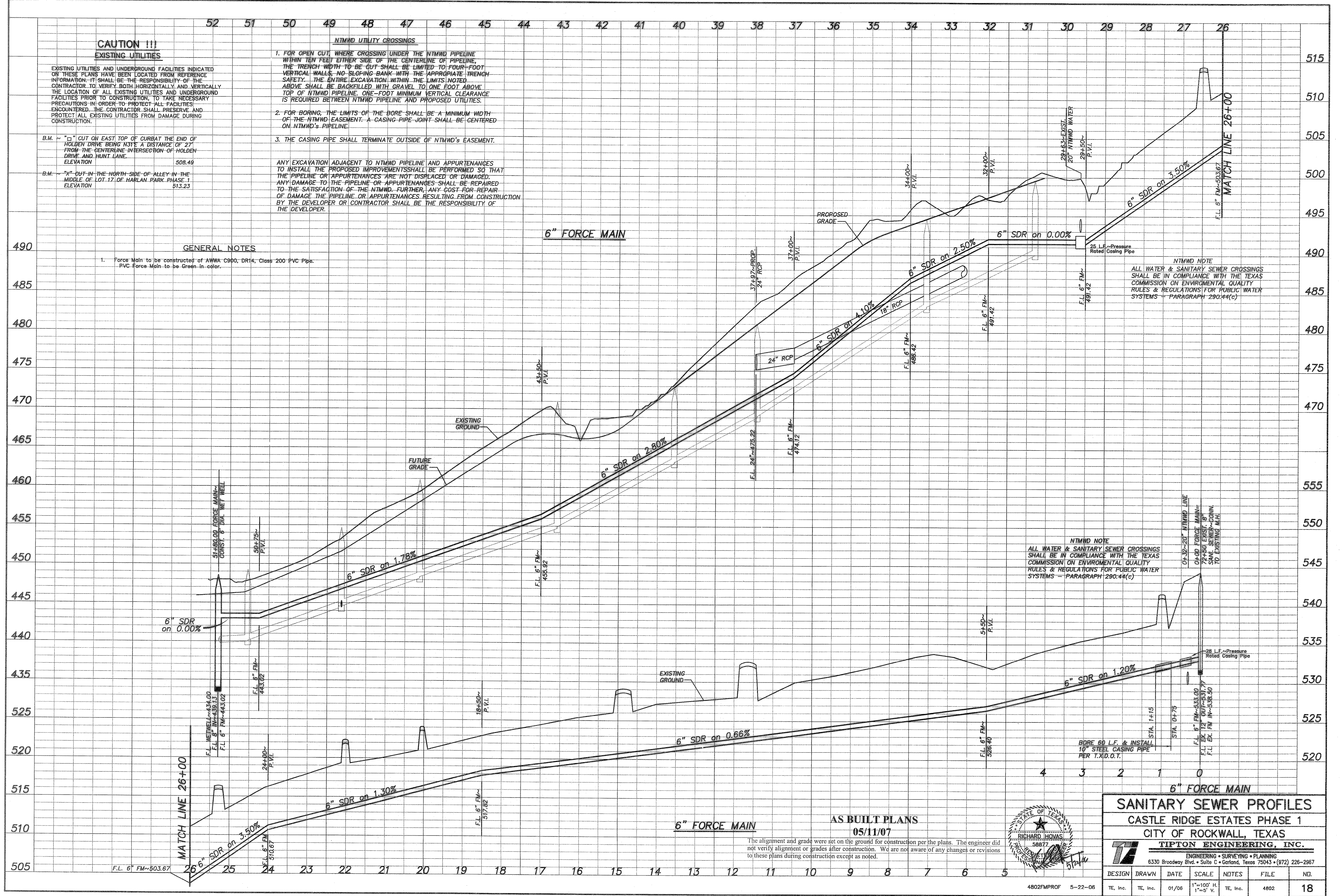
ALL WATER & SANITARY SEWER CROSSINGS SHALL BE IN COMPLIANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY RULES & REGULATIONS FOR PUBLIC WATER SYSTEMS - PARAGRAPH 290.44(c)

NTMWD NOTE

ALL WATER & SANITARY SEWER CROSSINGS SHALL BE IN COMPLIANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY RULES & REGULATIONS FOR PUBLIC WATER SYSTEMS - PARAGRAPH 290.44(c)

NTMWD NOTE

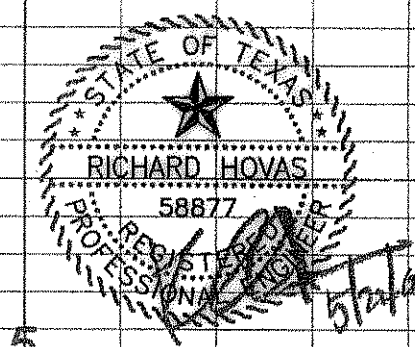
ALL WATER & SANITARY SEWER CROSSINGS SHALL BE IN COMPLIANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY RULES & REGULATIONS FOR PUBLIC WATER SYSTEMS - PARAGRAPH 290.44(c)



**6" FORCE MAIN**

**AS BUILT PLANS**  
**05/11/07**

The alignment and grade were set on the ground for construction per the plans. The engineer did not verify alignment or grades after construction. We are not aware of any changes or revisions to these plans during construction except as noted.



<b>SANITARY SEWER PROFILES</b>					
CASTLE RIDGE ESTATES PHASE 1					
CITY OF ROCKWALL, TEXAS					
<b>TIPTON ENGINEERING, INC.</b>					
ENGINEERING • SURVEYING • PLANNING 6330 Broadway Blvd. • Suite C • Garland, Texas 75043 • (972) 226-2967					
DESIGN	DRAWN	DATE	SCALE	NOTES	FILE
TE, Inc.	TE, Inc.	01/06	1"=100' H. 1"=5' V.	TE, Inc.	4802
					<b>18</b>