

CURVE DATA:					
NUMBER	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	35.00	45°00'00"	27.49	N 67°10'14" W	26.79
C2	35.00	45°27'50"	27.77	N 67°24'09" W	27.05

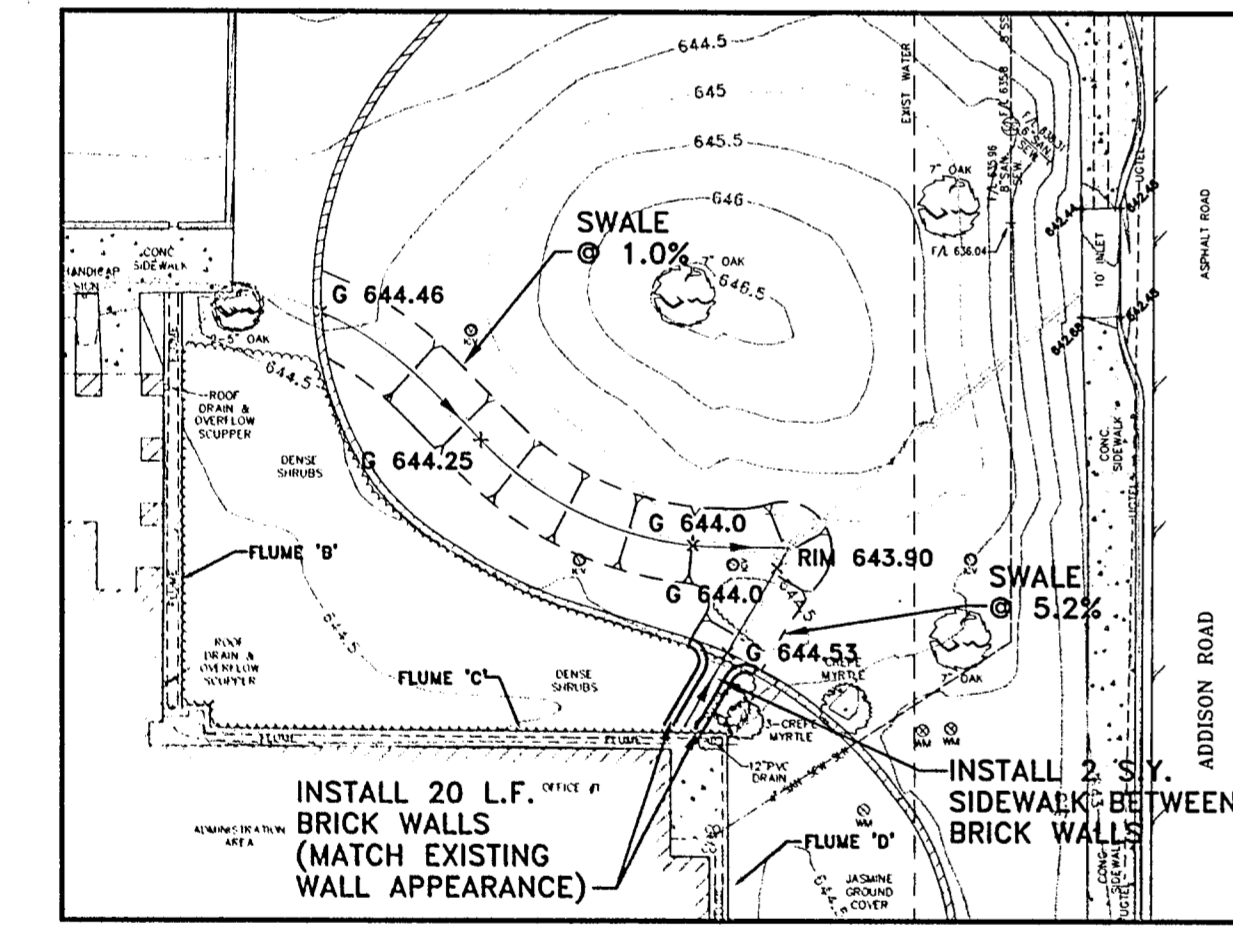
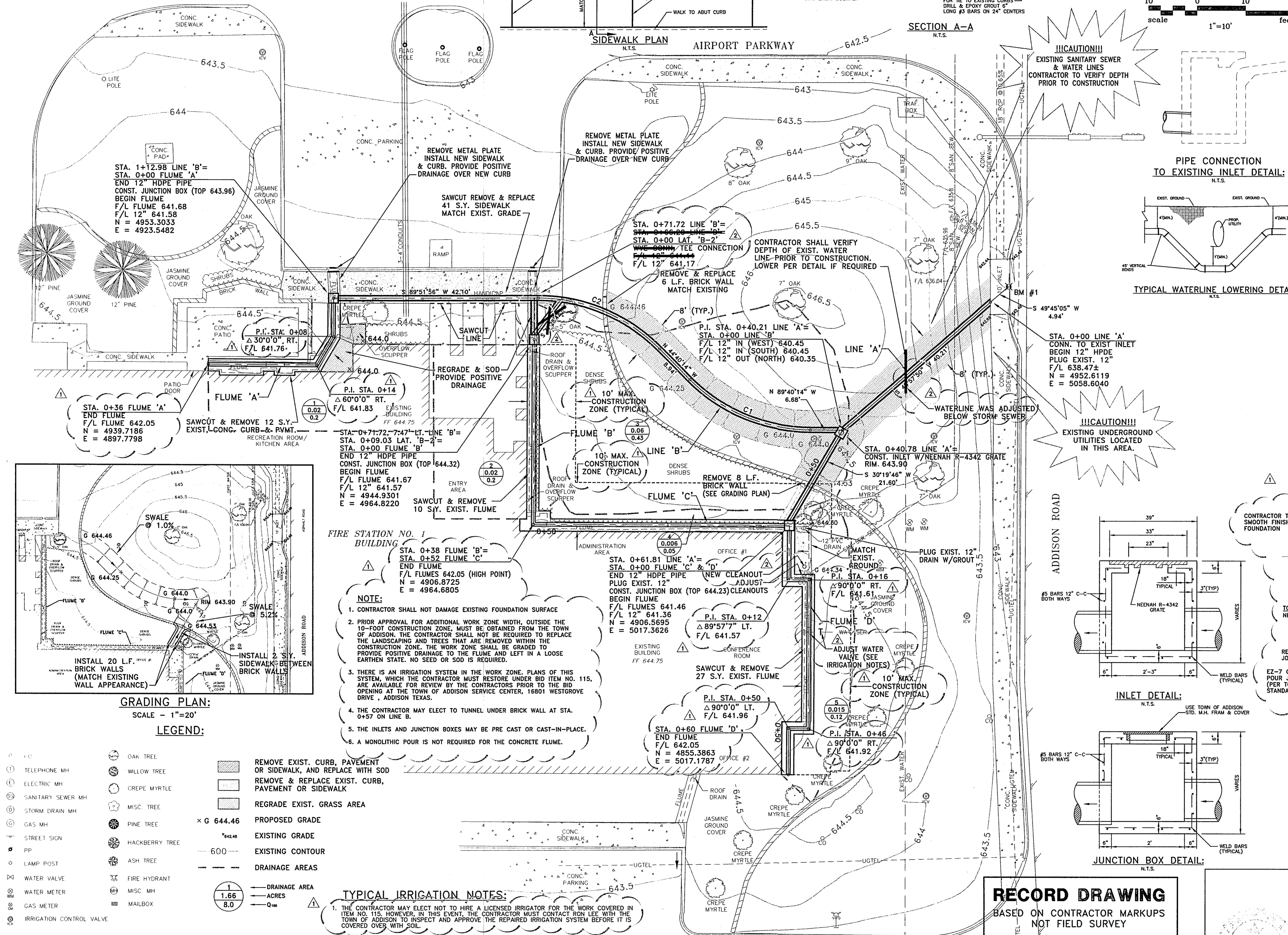
NO.	DATE	REVISION	APPROV.
1	8-27-02	REVISED PER ADDENDUM NO. 1	BG
2	3-27-03	REVISED PER CONTRACTOR'S MARK-UPS	BG
3			

**GENERAL NOTES:**

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS AND THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENT (NCTCOG) STANDARDS AND SPECIFICATIONS AS NOTED. IN THE EVENT OF A CONFLICT, THE TOWN OF ADDISON STANDARDS AND SPECIFICATIONS SHALL GOVERN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PUBLIC SAFETY DURING CONSTRUCTION AND WILL PROVIDE THE NECESSARY TRAFFIC BARRICADES AND WARNING SIGNAGE TO PROTECT THE CONSTRUCTION SITE. ALL BARRICADES, WARNING SIGNS, LIGHTS, DEVICES, ETC. FOR THE GUIDANCE AND PROTECTION OF TRAFFIC AND PEDESTRIANS MUST CONFORM TO THE 1980 TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AS CURRENTLY AMENDED, BY THE TEXAS DEPARTMENT OF TRANSPORTATION. NO SEPARATE PAY ITEM.
- NO PERSON SHALL OPEN, TURN OFF, INTERFERE WITH, ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN BELONGING TO THE TOWN UNLESS DULY AUTHORIZED TO DO SO BY THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT. ARRANGEMENTS FOR CONSTRUCTION WATER SHALL BE MADE THROUGH THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT.
- CONTRACTOR SHALL MAINTAIN ADEQUATE SANITARY FACILITIES FOR USE BY WORKERS THROUGHOUT CONSTRUCTION.
- NO TRAFFIC SIGNS ARE TO BE RELOCATED OR REMOVED WITHOUT PRIOR APPROVAL OF THE TOWN OF ADDISON PUBLIC WORKS DEPARTMENT.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING FACILITIES RESULTING FROM CONSTRUCTION WORK SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES, AGENT OR REPRESENTATIVES IN PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS BEFORE CONSTRUCTION BEGINS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN NEAT AND ACCURATE PLANS OF RECORD.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE SITE DRAINAGE THROUGHOUT THE DURATION OF THIS PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS BEFORE CONSTRUCTION BEGINS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THAT ELECTRIC POWER AND TELEPHONE POLES ARE NOT DISTURBED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL KEEP EXCAVATED TRENCHES FREE OF GROUNDWATER DURING CONSTRUCTION. IF NECESSARY, THE CONTRACTOR SHALL UTILIZE DEWATERING IN ORDER TO CONTROL GROUNDWATER DURING CONSTRUCTION SUCH THAT IT DOES NOT AFFECT HIS CONSTRUCTION WORK. (NO SEPARATE PAY ITEM).
- EXISTING FACILITIES ARE SHOWN IN APPROXIMATE LOCATIONS PER INFORMATION AND RECORDS AVAILABLE. CONTRACTOR SHALL UNCOVER AND VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL KEEP PROJECT WORK SITE CLEAN AND ORDERLY. IT WILL BE UNACCEPTABLE TO ALLOW TRASH TO BLOW ONTO ADJACENT PROPERTIES. STRICT ATTENTION WILL BE PAID TO THIS ITEM. IF CONTRACTOR FAILS TO ADEQUATELY MAINTAIN THIS STIPULATION, OWNER RESERVES THE RIGHT TO STOP WORK UNTIL TRASH IS CLEANED UP. THIS STOPPAGE OF WORK WILL NOT EXTEND THE ORIGINAL CONTRACTED TIME.

**GENERAL PAVING NOTES:**

- PRIOR TO FINAL ACCEPTANCE, ALL PAVT. SURFACES SHALL BE CLEARED OF ALL DISCOLORATION SUCH AS TIRE MARKS OR OTHER DISFIGUREMENT.
- THE CONTRACTOR SHALL BEGIN CONSTRUCTION WITHIN FIVE (5) CALENDAR DAYS OF THE ISSUANCE OF THE NOTICE TO PROCEED AND GIVE NOTICE TO THE TOWN, IN WRITING, BEFORE WORK BEGINS ON THE PROJECT.
- SUBGRADES SHALL BE PROOF ROLLED. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR PROOF ROLLING. IT SHALL BE CONSIDERED SUBSIDIARY TO OTHER BID ITEMS.
- THE CONTRACTOR SHALL FURNISH, AT HIS OWN COST, THE FOLLOWING TESTING SERVICES BY A REPUTABLE INDEPENDENT TESTING LABORATORY APPROVED BY THE TOWN: (A) FIELD DENSITY TESTS OF SUBGRADE OR BASE AT LOCATIONS SPECIFIED BY THE INSPECTOR. (B) PAVEMENT TESTING DONE ACCORDING TO SECTION 5.8.6. PAVEMENT TESTING, OR THE NOTCOG SPECS (COMPRESSIVE STRENGTH).
- THE CONTRACTOR SHALL PAY EXTRA ATTENTION TO ITEM 6.2.5 "BACKFILL" OF THE NOTCOG SPECIFICATIONS. THE OWNER WILL EXPECT ALL TRENCHES TO BE BACKFILLED WITH PROPER CARE AND ANY SETTLEMENT TO BE REMEDIATED IN A TIMELY FASHION.



**GRADING PLAN:**  
SCALE - 1"=20'

**LEGEND:**

- |                            |                  |  |
|----------------------------|------------------|--|
| ○ TELEPHONE MH             | ○ OAK TREE       | ■ REMOVE EXIST. CURB, PAVEMENT OR SIDEWALK, AND REPLACE WITH SOD |
| ⊖ ELECTRIC MH              | ○ WILLOW TREE    | ■ REMOVE & REPLACE EXIST. CURB, PAVEMENT OR SIDEWALK             |
| ⊖ SANITARY SEWER MH        | ○ CREPE MYRTLE   | ■ REGRADE EXIST. GRASS AREA                                      |
| ⊖ STORM DRAIN MH           | ○ MISC. TREE     | × G 644.46 PROPOSED GRADE  |
| ⊖ GAS MH                   | ○ PINE TREE      | ○ 642.46 EXISTING GRADE  |
| ⊖ STREET SIGN              | ○ HACKBERRY TREE | --- 600 EXISTING CONTOUR   |
| ○ PP                       | ○ ASH TREE       | --- DRAINAGE AREAS   |
| ○ LAMP POST                | ○ FIRE HYDRANT   | ○ 1.66 ACRES   |
| ○ WATER VALVE              | ○ MISC. MH       | ○ 8.0 ACRES  |
| ○ WATER METER              | ○ MAILBOX        |  |
| ○ GAS METER                |                  |  |
| ○ IRRIGATION CONTROL VALVE |                  |  |

**UTILITY CONTACTS:**

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OR HER OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY.

CONTRACTOR SHALL CONTACT 1-800-DIG-TESS (344-8377) PRIOR TO ANY EXCAVATION.

**TYPICAL IRRIGATION NOTES:**

- THE CONTRACTOR MAY ELECT NOT TO HIRE A LICENSED IRRIGATOR FOR THE WORK COVERED IN ITEM NO. 115. HOWEVER, IN THIS EVENT, THE CONTRACTOR MUST CONTACT IRON LEE WITH THE TOWN OF ADDISON TO INSPECT AND APPROVE THE REPAIRED IRRIGATION SYSTEM BEFORE IT IS COVERED OVER WITH SOIL.
- PRIOR TO DEMOLITION OR CONSTRUCTION ACTIVITIES, EXISTING IRRIGATION SYSTEMS SHALL BE TURNED ON TO LOCATE HEADS, VALVES, AND PIPE. THESE SHALL BE MARKED WHERE DEMOLITION AND CONSTRUCTION WILL IMPACT THE SYSTEM. DEFICIENCIES IN THE SYSTEM SHALL BE NOTED AND REPORTED TO THE SYSTEM OWNER. A PHOTOGRAPHIC OR VIDEO RECORD SHALL BE MADE IF APPROPRIATE.
- PIPING SHALL BE CUT, CAPPED AND MARKED AT THE LIMITS OF CONSTRUCTION.
- AT THE COMPLETION OF CONSTRUCTION, THE LICENSED IRRIGATOR SHALL RESTORE AND TEST THE IRRIGATION SYSTEM FOR PROPER FUNCTION. THE TEST SHALL BE CONDUCTED IN THE PRESENCE OF THE TOWN'S PUBLIC WORKS INSPECTOR AND THE SYSTEM OWNER.
- MAINTAIN/REPAIR EXISTING IRRIGATION SYSTEMS TO ENSURE WATERING OCCURS ON EXISTING GRASS AND LANDSCAPING.

**BENCHMARK:**

1. '□' FOUND ON C/L INLET, WEST SIDE OF ADDISON RD. SOUTHWEST CORNER OF THE INTERSECTION OF AIRPORT PKWY. AND ADDISON RD. ELEV. = 642.53 (PER PLAN SHEET 4 OF AIRPORT PKWY. PLANS.) N = 4955.3837 E = 5062.3745

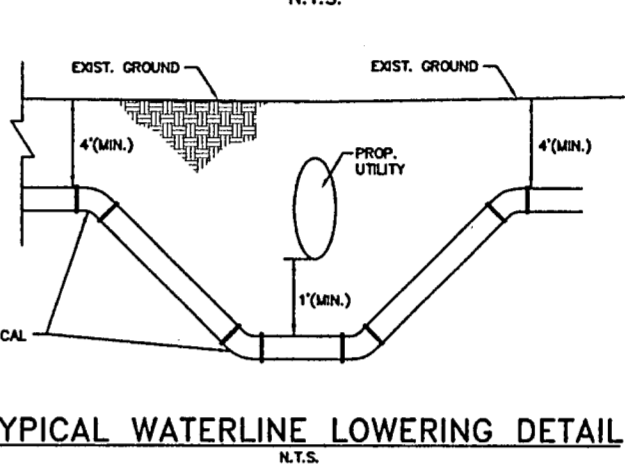
**RECORD DRAWING**

BASED ON CONTRACTOR MARKUPS  
NOT FIELD SURVEY

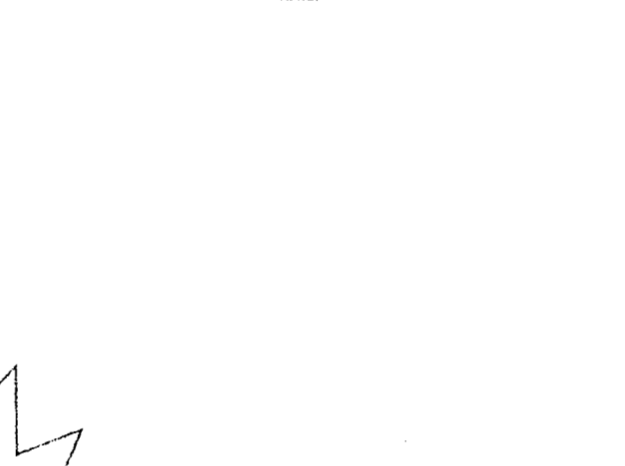
**REINFORCED CONCRETE NOTES:**

- ALL LAPS AND EXTENSIONS OF REINFORCING BARS SHALL BE 36 BAR DIAMETERS UNLESS NOTED OTHERWISE
- TACK WELD GRATES IN PLACE
- PIPE MAY BE PLACED IN ANY WALL, BUT SHALL NOT ENTER ANY CORNER OR BOTTOM.
- CONC. SHALL BE A MIN. OF 4,000 P.S.I.

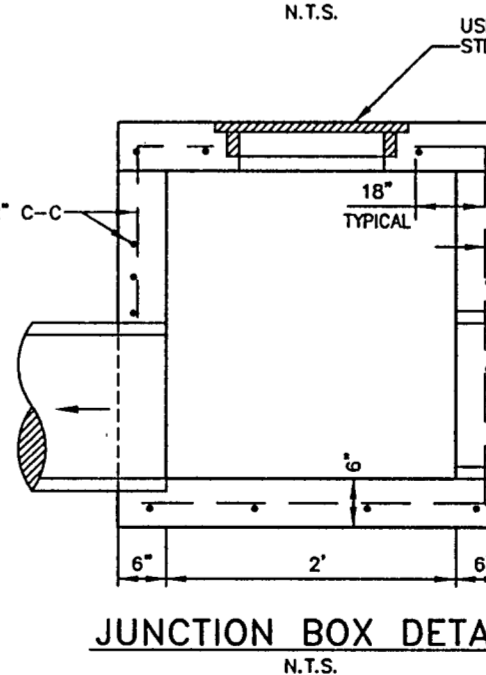
**PIPE CONNECTION TO EXISTING INLET DETAIL:**



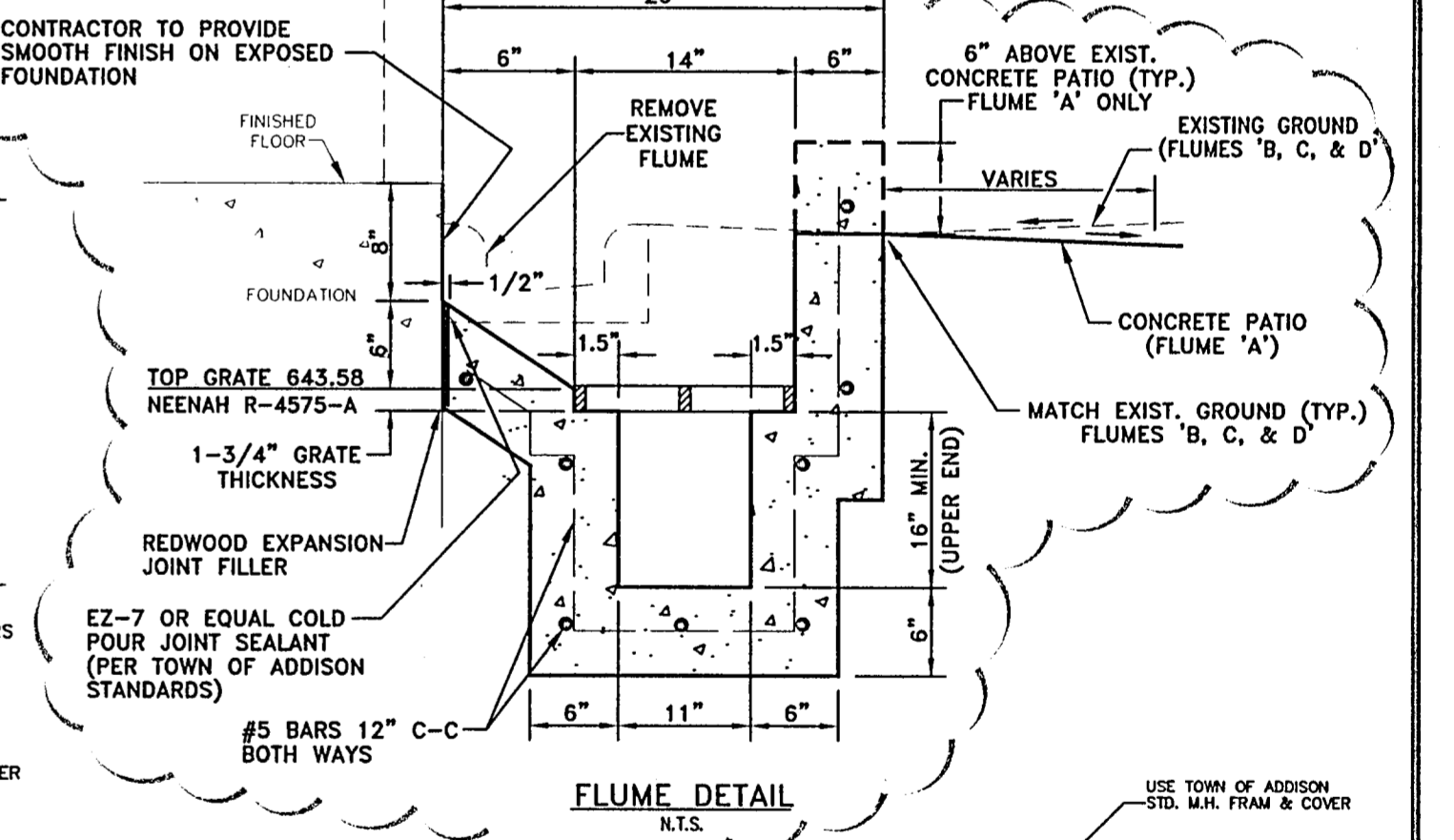
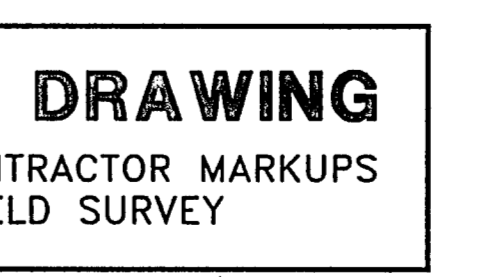
**TYPICAL WATERLINE LOWERING DETAIL:**



**INLET DETAIL:**



**JUNCTION BOX DETAIL:**



**FLUME CONNECTION TO JUNCTION BOX DETAIL:**

DATE:	JUNE, 2002	SCALE:	1"=10'	JOB NO.:	02-314
DRAWN:	GBW/DESIGN	BRG/REVIEWED:		DWG.:	314DRNPLN

**ADDISON FIRE STATION NO. 1  
DRAINAGE IMPROVEMENTS  
STORM SEWER PLAN**

**TOWN OF ADDISON**

Grantham, Burge & Waldbauer  
Engineers, Inc.  
1919 S. SHILOH ROAD, SUITE 500, L.B. 27 GARLAND, TEXAS 75042 (972) 840-1916 (FAX) (972) 840-2156 (CELL)

SHT. 1 OF 2