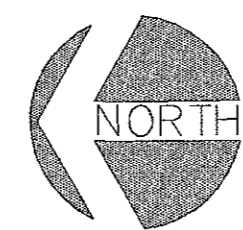


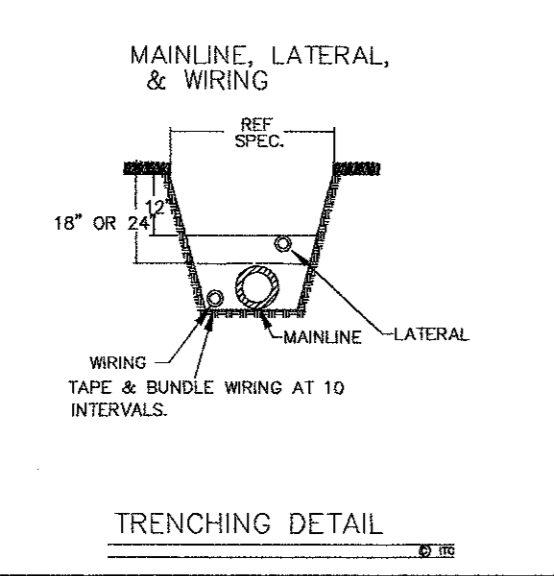
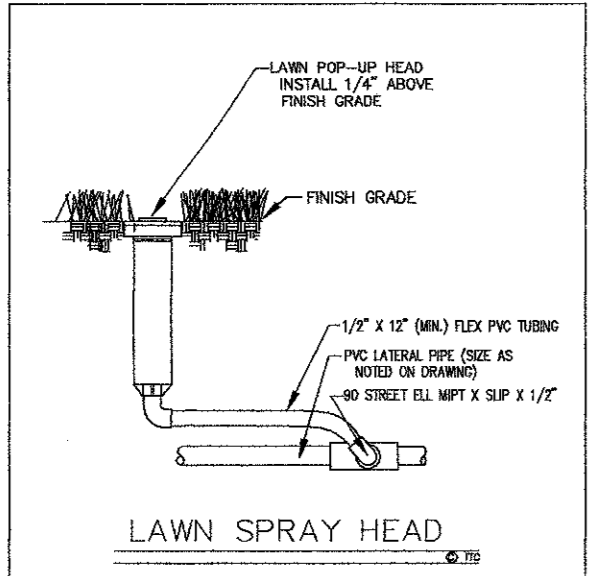
BELT LINE ROAD

BELTWAY DRIVE

**CAUTION:
OVERHEAD ELECTRICAL
POWER LINES**



**OVERFLOW PARKING
IRRIGATION PLAN**



NOTES

THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES IN THE PROJECT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST TO REPAIR ANY UTILITY DAMAGED WHILE COMPLETING THE PROJECT. COORDINATE ALL WORK WITH THE BUILDING CONTRACTOR.

THE IRRIGATION SYSTEM REPRESENTED ON THIS PLAN IS PURELY DIAGRAMMATIC AND DENOTES LINE SIZES, HEAD TYPES, AND OTHER COMPONENT INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO LOCATE AND PROPERLY INSTALL THE SYSTEM IN A LOCAL MANNER.

LOCATIONS OF ELEMENTS ON THE DRAWINGS ARE SCHEMATIC. EXACT LOCATIONS ARE TO BE VERIFIED IN THE FIELD BY THE INSTALLER. PIPE LOCATIONS ARE DRAWN OFF-SET TO CLEARLY SHOW THE INTENDED PIPE ROUTING. PIPING AND VALVES IN PAVING ARE SHOWN FOR CLARITY. INSTALL IN ADJACENT PLANTING BED OR LAWN AREA. LATERAL PIPING SHALL HAVE A MINIMUM OF 12 INCHES OF COVER. MAIN LINE AND PIPING UNDER PAVING SHALL HAVE A MINIMUM OF 18 INCHES OF COVER.

12" POP-UP SPRAY BODIES SHALL BE USED FOR SHRUB BED SPRAY HEADS LOCATED WHERE PLANT MATERIALS EXCEED 8" IN HEIGHT. SIDE INLET CONNECTIONS ON THE POP-UP BODY MAY BE USED. 6" POP-UP SPRAY BODIES SHALL BE USED WHERE PLANT MATERIALS DO NOT EXCEED 8" IN HEIGHT.

CONNECT LAWN AND HIGH-POP SPRAY HEADS TO LATERAL PIPE WITH 1/2" FLEXIBLE PVC AND SCH. 40 PVC FITTINGS AS REQUIRED, PER DETAIL SHOWN. USE WELD-ON #795 SOLVENT AND #7-70 PRIMER ON THESE CONNECTIONS.

4" POP-UP SPRAY BODIES SHALL BE USED FOR TURF AREA SPRAY HEADS THROUGHOUT THE SITE. 4" POP-UP ROTARY HEADS SHALL BE USED FOR TURF ROTARY HEADS THROUGHOUT THE SITE. CONNECT ROTARY HEADS TO LATERAL PIPING WITH LASCO "UNITIZED", O-RING SWING JOINTS, PER DETAIL SHOWN, #112-005 (3/4"), #91-010 (1"). PLACE HEADS 2" FROM EDGE OF CURB, DRIVE OR SIDEWALK.

INSTALL QUICK COUPLING VALVES IN SIX (6") INCH VALVE BOX PER DETAIL SHOWN. CONNECT QUICK COUPLING VALVES TO MAIN LINE PIPING WITH LASCO "UNITIZED", O-RING SWING JOINTS PER DETAIL SHOWN, #1-12-005. SUPPLY OWNER WITH THREE (3) COUPLER KEYS WITH SWIVEL HOSE END, #33K AND #38-0 RESPECTIVELY.

INSTALL REMOTE CONTROL VALVES IN TEN (10") INCH VALVE BOXES PER DETAIL SHOWN.

PERFORM ELECTRICAL WORK IN ACCORDANCE WITH LOCAL BUILDING CODE. ELECTRICAL SERVICE (110V) SHALL BE PROVIDED BY OTHER TRADES IN CONDUIT TO JUNCTION BOX WITHIN FIVE (5) FEET OF CONTROLLER LOCATION.

ALL 24 VOLT LEAD AND COMMON VALVE WIRING SHALL BE A MINIMUM OF UF-12 GA. SINGLE CONDUCTOR. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR PROPER WIRE SIZE. WIRE SPLICES SHALL BE PERMANENT AND WATERPROOF. ROUTE COMMON WIRE FROM CONTROLLER TO REMOTE SENSORS IN SERIES PRIOR TO CONNECTING TO REMOTE CONTROL VALVES.

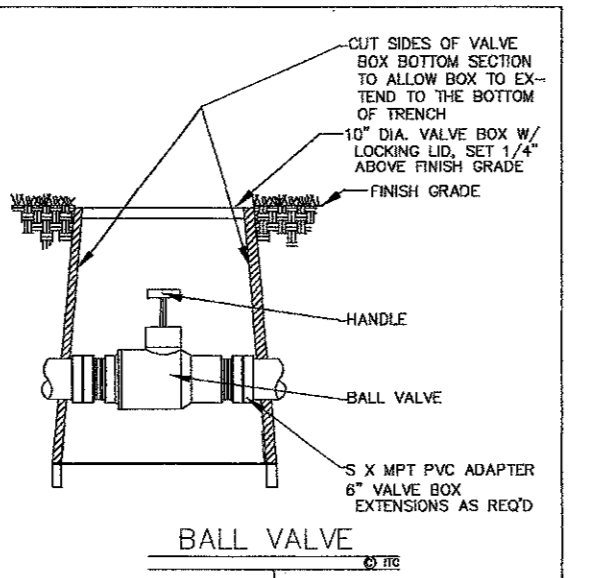
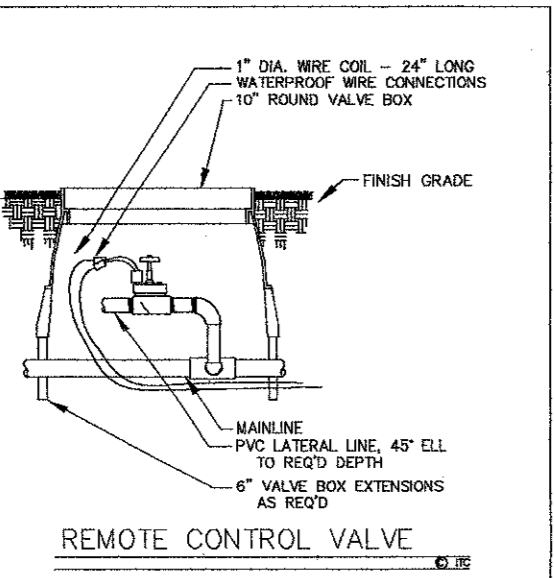
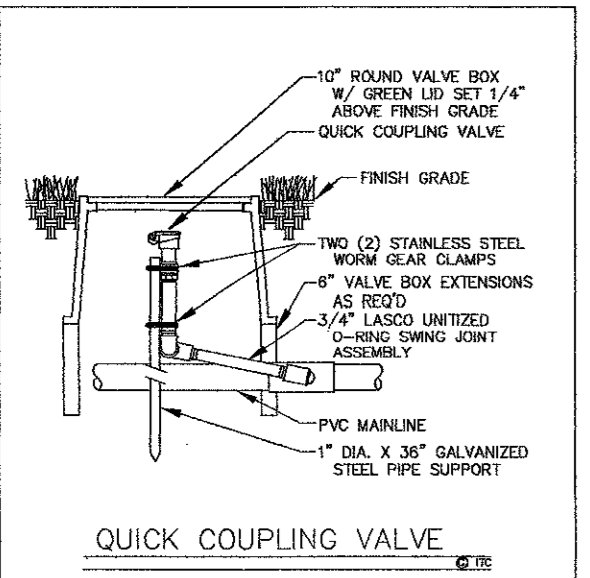
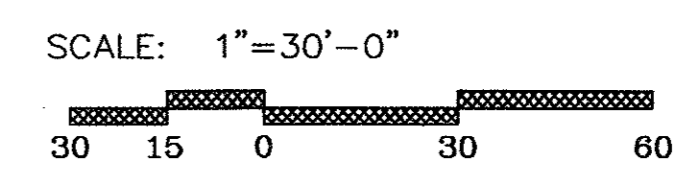
SLEEVES SHALL BE CLASS 200 PVC, SIZED AS NOTED ON PLANS AND INSTALLED BY IRRIGATION CONTRACTOR.

SIXTY (60) P.S.I. MINIMUM STATIC WATER PRESSURE IS REQUIRED FOR THE EFFICIENT OPERATION OF THE IRRIGATION SYSTEM AS DESIGNED. THE CONTRACTOR SHALL CONFIRM THAT THE MINIMUM STATIC WATER PRESSURE IS AVAILABLE, AND SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.

THE CONTRACTOR SHALL ADJUST THE IRRIGATION CONTROL VALVES, THE SPRINKLER ARC, AND RADIUS ADJUSTMENTS TO PROVIDE THE MOST BALANCED AND EFFICIENT WATER DISTRIBUTION.

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	SIZE
☐	Controller	Irritrol or equivalent	MC-12 Plus	12 station
⊗	Ball Valve	Nibco	PEB	2"
⊙	Electric Valve	Rainbird		1", 1 1/2", 2"
⊕	Quick Coupler Valve	Rainbird	1800 PRS	3/4"
○	Sprinkler Heads-Sprays	Rainbird		6", 8", 10", 12", 15", 18"
—	Main Line - PVC	200 psi PR SDR 21		Connect to existing 2" main line
---	Lateral Line	200 psi PR SDR 21		As shown
---	Sleeves	By Irrigation Contractor		Existing 2"
⊖	Water Meter	Existing 2"		(110 Volt)
⊖	Electrical Junction Box	By General Contractor		
⊖	Rain- Freeze Sensor	Rainbird or equivalent		

Valve Number ⑤ 1" E.V. Electric Valve Size
17.2 GPM Gallons per Minute



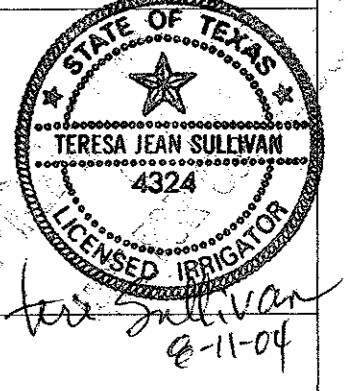
NOTE: BEWARE: UNDERGROUND UTILITIES IN PLACE INCLUDING ELECTRICAL, GAS, WATER, SEWER, TELEPHONE, AND OTHERS. CONSULT PROJECT ENGINEER PRIOR TO CONSTRUCTION. ALL UTILITIES TO BE FLAGGED AND IDENTIFIED. CONTRACTOR RESPONSIBILITY.

SHEET TITLE:
**OVERFLOW PARKING
IRRIGATION PLAN**

DR. BY: TS
CHK. BY: MS

LANDSCAPE THE SCULLIN
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REVISIONS:

DATE: AUG. 11, 2004
JOB NO. 04-892
SHEET NO.

L2

OF 2 SHEETS