

LANDSCAPE CONSTRUCTION DOCUMENTS  
FOR  
**Addison SNK**  
**Mixed Use Development**  
TOWN OF ADDISON, TEXAS

PW # 2006-002

PREPARED FOR: SNK DEVELOPMENT INC.  
2522 MCKINNEY AVE., SUITE 201  
DALLAS, TEXAS 75201



PREPARED BY: LINDA TYCHER AND ASSOCIATES  
11411 N. CENTRAL EXPRESSWAY, SUITE V  
DALLAS, TEXAS 75243  
PHONE: (214) 750-1210  
FAX: (214) 361-8727

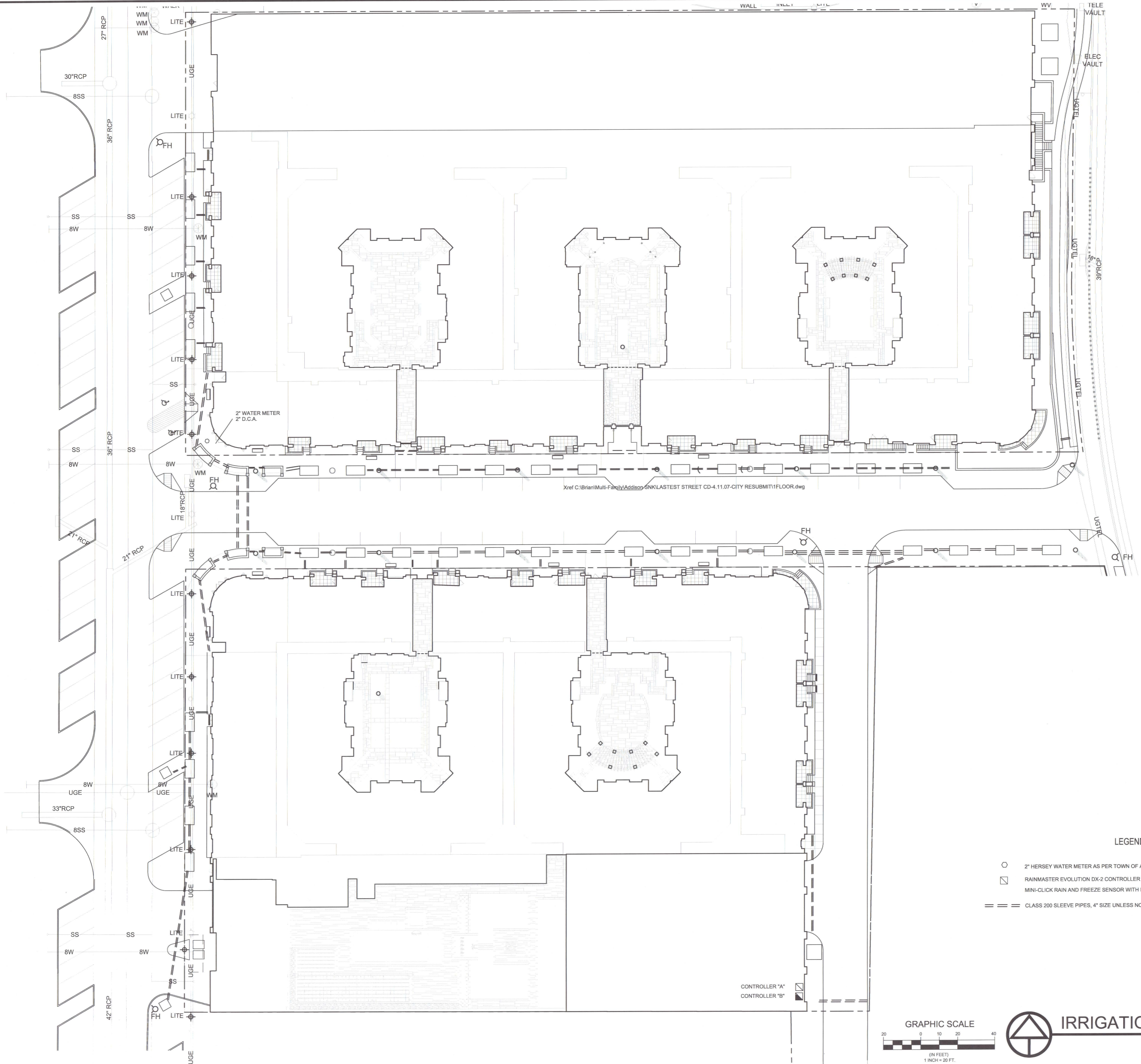
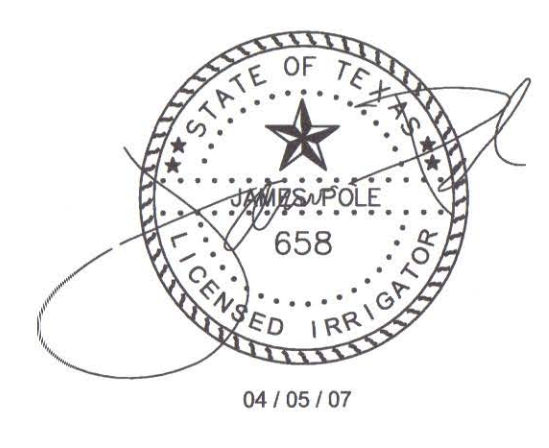
SHEET NO.	DESCRIPTION
LS-1	LANDSCAPE LAYOUT AND MATERIALS PLAN
LS-2	LANDSCAPE GRADING PLAN
LS-3	LANDSCAPE PLANTING PLAN
LS-4	LANDSCAPE HARDSCAPE DETAILS
LS-5	LANDSCAPE NOTES AND DETAILS
IR-1	IRRIGATION SLEEVING PLAN
IR-2	IRRIGATION PLAN
IR-3	IRRIGATION DETAILS

SNK  
LANDSCAPE  
CONST. PLANS  
SNK ALLEGRO 2006-02



XNS



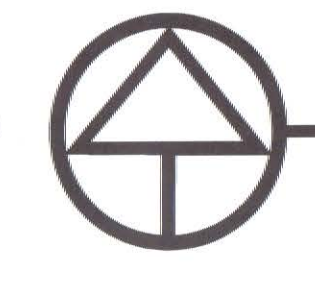
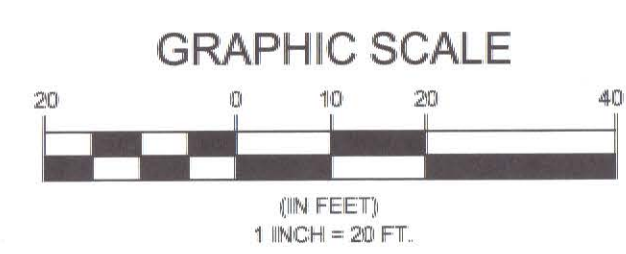


Xref C:\Brian\Multi-Family\Addison\SNK\LASTEST STREET CD-4.11.07-CITY RESUBMIT1\FLOOR.dwg

**LEGEND**

- 2" HERSEY WATER METER AS PER TOWN OF ADDISON SPECIFICATIONS
- ◻ RAINMASTER EVOLUTION DX-2 CONTROLLER WITH STAINLESS STEEL PEDESTAL WITH MINI-CLICK RAIN AND FREEZE SENSOR WITH HUNTER BYPASS SWITCH.
- === CLASS 200 SLEEVE PIPES, 4" SIZE UNLESS NOTED OTHERWISE

CONTROLLER "A"  
 CONTROLLER "B"



**IRRIGATION SLEEVING PLAN**

SCALE: 1"=20'-0"

**PROJECT TITLE:**  
**SNK ADDISON**  
**MIXED USE DEVELOPMENT**  
 Addison, Texas

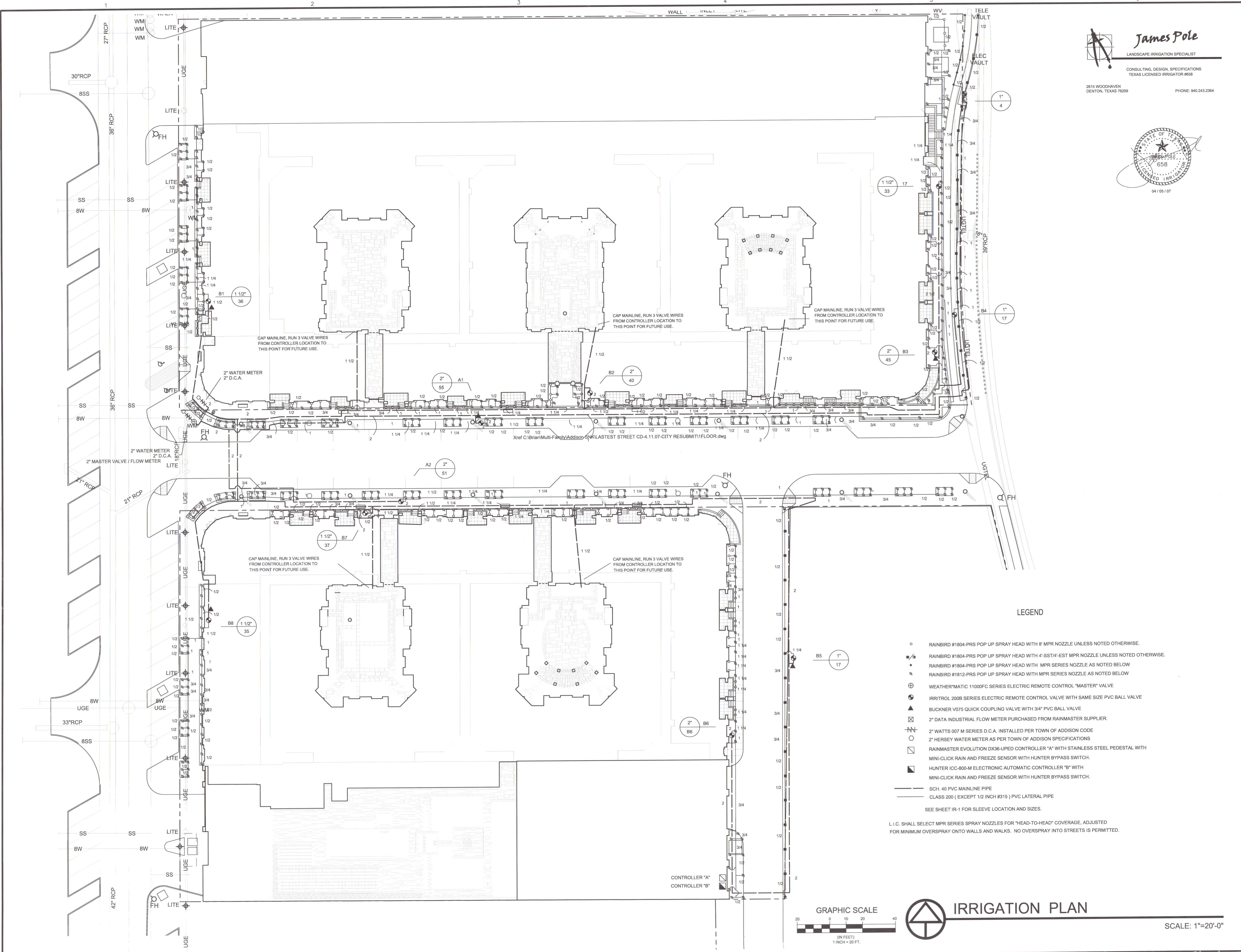
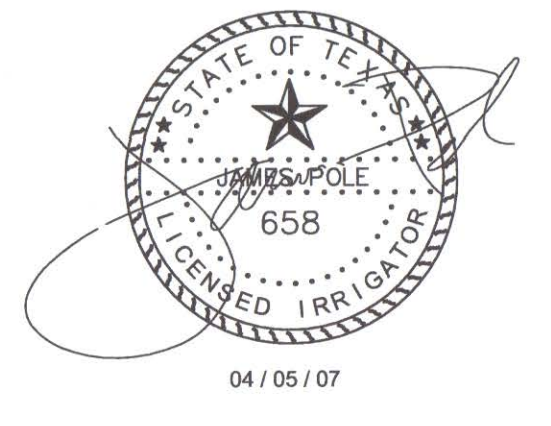
Date	Revision

Job No.	Print Date: 5/2/07
Drawn By: B.D.	Scale:
Checked By: L.T.	
Project Mgr. L.T.	

Sheet Title  
**IRRIGATION SLEEVING PLAN**

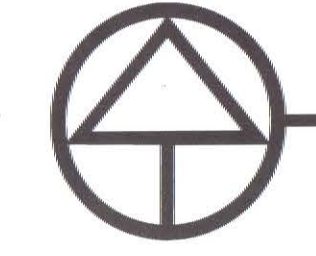
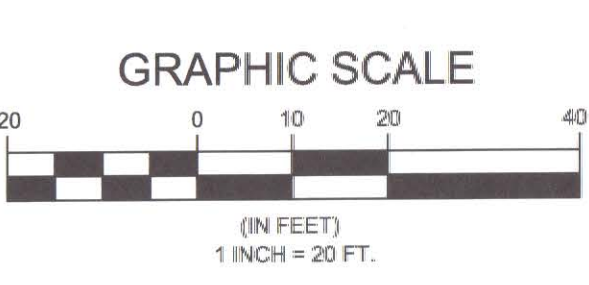
Dwg. No.  
**IR-1**





**LEGEND**

- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH 8" MPR NOZZLE UNLESS NOTED OTHERWISE.
  - RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH 4"-SST/4"-EST MPR NOZZLE UNLESS NOTED OTHERWISE.
  - RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH MPR SERIES NOZZLE AS NOTED BELOW
  - ✱ RAINBIRD #1812-PRS POP UP SPRAY HEAD WITH MPR SERIES NOZZLE AS NOTED BELOW
  - ⊕ WEATHERMATIC 11000FC SERIES ELECTRIC REMOTE CONTROL "MASTER" VALVE
  - ⊕ IRRITROL 200B SERIES ELECTRIC REMOTE CONTROL VALVE WITH SAME SIZE PVC BALL VALVE
  - ▲ BUCKNER V075 QUICK COUPLING VALVE WITH 3/4" PVC BALL VALVE
  - ⊠ 2" DATA INDUSTRIAL FLOW METER PURCHASED FROM RAINMASTER SUPPLIER.
  - ⊞ 2" WATTS 007 M SERIES D.C.A. INSTALLED PER TOWN OF ADDISON CODE
  - 2" HERSEY WATER METER AS PER TOWN OF ADDISON SPECIFICATIONS
  - ⊠ RAINMASTER EVOLUTION DX36-UPED CONTROLLER "A" WITH STAINLESS STEEL PEDESTAL WITH MINI-CLICK RAIN AND FREEZE SENSOR WITH HUNTER BYPASS SWITCH.
  - ⊠ HUNTER ICC-800-M ELECTRONIC AUTOMATIC CONTROLLER "B" WITH MINI-CLICK RAIN AND FREEZE SENSOR WITH HUNTER BYPASS SWITCH.
  - SCH. 40 PVC MAINLINE PIPE
  - CLASS 200 ( EXCEPT 1/2 INCH #315 ) PVC LATERAL PIPE
- SEE SHEET IR-1 FOR SLEEVE LOCATION AND SIZES.
- L.I.C. SHALL SELECT MPR SERIES SPRAY NOZZLES FOR "HEAD-TO-HEAD" COVERAGE, ADJUSTED FOR MINIMUM OVERSPRAY ONTO WALLS AND WALKS. NO OVERSPRAY INTO STREETS IS PERMITTED.



**IRRIGATION PLAN**

SCALE: 1"=20'-0"

PROJECT TITLE:  
**SNK ADDISON  
 MIXED USE DEVELOPMENT**  
 Addison, Texas

Date	Revision

Job No.	Print Date:
Drawn By:	5/2/07
Checked By:	Scale:
Project Mgr.:	

Sheet Title:  
**IRRIGATION PLAN**

Dwg. No.  
**IR-2**



**Town of Addison Irrigation Specifications**

Revised 02/21/07

These revised specifications supersede any and all others. However, any discrepancies between the approved construction plans and those of the Town **MUST** be brought to the attention of the Town's designated representative for a final determination. The contractor will present the Town's representative an as-built plan at the final walk-through, along with three Buckner V075 quick coupling keys with hose-end swivels.

1. All work is to be accomplished by or directly supervised at all times by an on-site Irrigator licensed by the State of Texas.
2. The contractor shall verify the water pressure before the installation begins. If the static pressure is different than that of the design pressure, contact the designer and Town's representative immediately so changes can be made. Send a fax to the Parks dept. at 972-450-2834 with the current dated and timed static pressure reading. Design head to head with no single head coverage. Use appropriate size nozzles for a given landscape area so as not to spray onto or over paved surfaces or structures. Do not exceed manufacturer's recommendations.
3. The irrigation installer is responsible for resetting head and/or box height due to settling and after turf, groundcover, shrubs, trees, and mulch is added to the landscape areas. The irrigation contractor must supply a workmanship warranty for (1) year from date of acceptance.
4. Plans are diagrammatic and field adjustments are often necessary. For this reason, prior to trenching, valve locations and head layout with flags needs to be done and approved by the Town's irrigation inspector. Not doing so may result in the relocation of heads and/or valves at the irrigation contractor's expense.

**5. Water Taps:** Water taps will be 2" in size. All parts must conform to the Town of Addison Water Department specifications and are the responsibility of the irrigation contractor to provide. Inspection of taps by the Water Department Representative must occur. Excavation and tap permits are required. Contact the Town of Addison Water Department at (972) 450-2871.

**6. Water Meters:** Only Master or Hersey meters with two (2) brass flanges are acceptable. Meter lay lengths must be in accordance with the Town of Addison Water Department's specifications, housed in appropriate size (to be determined by the Town's Irrigation Inspector) concrete box with lid. New stainless steel bolts and nuts must be used in the installation along with new neoprene gaskets. The box should be level with the final grade using concrete pavers to support and prevent sinking. Backfill inside the box, 3" below meter base with at least 6" of fine (1/2") pea gravel. Connection to main must be approved and inspected by the Town's Water Department Inspector and all tap materials are to be purchased at the expense of the contractor and must comply with the Town of Addison's specifications.

**7. Backflow Devices:** Only Watts 007 M series inline check valve assemblies with the stainless steel ball valve handles and nuts are to be used. Irrigation contractor shall provide and install brass plugs for the test cocks. Connect to the flange using teflon taped copper nipple of sufficient length to center the DCA within its housing. The device will be housed in an appropriate size, (to be determined by the Town's Irrigation Inspector) rectangular concrete box with lid using concrete pavers for proper stability and height adjustment. The irrigation contractor shall be responsible for the DCA testing in accordance with State of Texas law, using a Licensed Backflow Assembly Tester registered with the Town of Addison Water Department.

**8. Sleeves:** All paving must have Town approved sleeve sizes and quantities present. It is the responsibility of the irrigation contractor to notify the Town's Irrigation Inspector of any area where sleeves should be present but are not and provide such materials at his cost. Any paving installed without sleeves will necessitate a bore and subsequent materials at the irrigation contractor's expense. All sleeves 2" and smaller will be Schedule 40 PVC with size and location noted on the plan. Larger sizes will be Class 200. All piping underneath paving, including sidewalks, must be sleeved. All sleeves are to be belled end PVC pipe. A minimum length of 12 inches of sleeve material must extend beyond the pavement.

**9. Glue and Primer:** Use Turftite brand glue on laterals and IPS Grey Heavy Body on main lines and a good quality purple primer on all . Avoid excessive use and wipe excess glue off of all joints and fittings with a clean rag.

**10. Pipe:** All main line pipe 2 inches and smaller is to be Schedule 40 belled PVC; larger sizes are to be Class 200 belled PVC with a minimum depth of 14" and a maximum depth of 16". Put not more than two (2) pipes in any one trench and separate the main line from the lateral line with at least two (2) inch of cover. Class 200 belled PVC lateral piping is to be used with a minimum depth of 12" and a maximum depth of 14".

**11. Fittings:** No crosses are permitted. Separate tees, 45's, elbows and other fittings by at least 12 inches. Reduction tees are preferred over use of single reducer bushings. Multiple reducer bushings will not be accepted. Only Spears and/or Lasco fittings are permitted. Allow 18 inches outside of sleeve before the first fitting. No 45 degree elbows on 1 inch and larger pipe are allowed.

**12. Valves:**  
**A. Master Valves:** Every point of connection to the water supply system shall have a Weathermatic 11000 FCR series valve as the Master Valve, housed in a standard (large) Ametek rectangular plastic valve box with 4 to 6 inches of small (1/2") pea gravel placed underneath the valve in such a manner as to prevent soil infiltration into the box. Use concrete pavers or bricks placed under edges of valve box for stability. Note: Valve box must not rest on pipe. Blue wire shall be used as the station wire for the Master Valve.

**B. Station Valves:** Only Irritrol 200B series valves are permitted. A Ball Valve will be installed before every station or zone valve. They are to be located within a standard (large) Ametek rectangular plastic valve boxes with 4 to 6 inches of (1/2") pea gravel placed underneath the valve in such a manner as to prevent soil infiltration into the box. The pea gravel should be 2 inches from the bottom of the valve body. A minimum of 3" of valve box must extend below bottom of valve. If necessary, use valve box extensions.

**C. Ball Valves:** Female threaded plastic Spears or Lasco ball valves with positive T-handle cut off must be installed on every 200 feet of mainline for isolation purposes. A ball valve is also required to be installed before every station valves. Use 10" Ametek valve box with a minimum of 3" extending below bottom of valve and fill to bottom of valve with 1/2" pea gravel. Use bricks or concrete box.

**D. Quick Coupler Valves:** Use only Buckner V075 single lug 3/4" quick coupling valves with a metal top. They are to be connected to a threaded fitting, Teflon tape and appropriate length of gray schedule 80 nipples and schedule 40 fittings are to be used for the swing joint. Secure to 18 inch by 1/2 inch steel rebar with a stainless steel worm screw clamp. House QCV in a 10 inch round plastic Ametek valve box. Install Spears ball valve prior to each QCV. Bricks or pavers need to be installed under edges of valve boxes for stability. Backfill bottom of box with 1/2" pea gravel half way up body of valve.

**E. Flowmeters:** Purchase from a Rain Master supplier and install appropriately sized Data Industrial flowmeter. Follow all installation instructions as approved by Rain Master. The irrigation contractor must also purchase from Rain Master and install shielded Rain Master EV-Cab-Sen flow meter cable and install within continuous 3/4" or larger gray PVC conduit with 6 inch or larger J-boxes placed every 200 feet or where 360 degrees of fittings are installed; only sweep fittings are permitted. Only a continuous run of cable is allowed; no splices will be allowed except at the point of connection to the flow meter. Connections at the flow meter must first be soldered and then water proofed within a 3-M DBY connector. Note: certain Rain Master requirements must also be met regarding installation order and distances of separation between DCA, flow meter, master valve and the first fitting. It is the responsibility of the irrigation contractor to adhere to these requirements. At final walk through, proper operation of the flow meter at the Rain Master controller must be demonstrated by the irrigation contractor.

**13. Heads:** All heads will be installed using polyethylene green nipples (3/4"x6" for rotors and 1/2"x6" for pop-ups) screwed into threaded fittings unless noted otherwise. No swing joints on 4" pop-ups or rotors will be allowed.

**A. Pop-ups** - Only Rainbird 1800 series are permitted. Install 3/4 inch above the finished grade.

**a. 4 inch pop-ups** - turf, tree bubblers within turf areas (use Hunter PCN 10 bubbler nozzles on spray heads).

**b. 6 inch pop-ups** with no side inlet: very low ground cover (less than 6 inches at mature height).

**c. 12 inch pop-ups** with side inlet: Ground cover and low growing shrubs. The ground cover and shrubs should not be more than 12" at maturity. The Town Inspector reserves the right to determine if and when side inlets installed using funny pipe verses the bottom inlet will be allowed. When authorized, use Hardie Blue Line Pipe with Toro barb fittings.

d. Use 1/2" Sch 80 risers with shrub adapter and Hunter PCN 10 bubbler nozzles for all tree wells with tree grates. Risers shall be a minimum of 2' below bottom of tree grates with nozzle 2" above mulch.

**B. Rotors** - Only Hunter 1-20 Series are permitted, unless noted otherwise. Install 3/4" above finished grade.

**14. Risers:** Use Sch 80 PVC with Weathermatic LXS Series shrub head adapters with a 1/2"x6" green poly cut-off nipple screwed into the threaded fitting in the ground. The irrigation inspector reserves the right to determine placement of risers versus pop-ups.

**15. Wiring:** All wires will be 14 gauge UF. Station wires will be red. Common wires will be white. Master valve wire will be blue. Anytime the wiring changes direction, such as at an elbow or a tee, allow a loop of at least 12 inches alongside the fitting at that location. Only continuous wire runs are permissible. Wire should follow the main line where possible and lay along a single side not crossing over lateral lines. Wire is to be placed under mainline with 2" of dirt between wire and pipe.

**16. Wire Connectors:** Use only DBY connectors for all field wire splices other than at the valves themselves. Allow at least 36 inches of pigtailed wire at each splice. Use King One Step tan colored connectors for all valve splices. All valve box splices are to be housed in standard (large) Ametek rectangular plastic valve boxes. All field splices are to be in 10 inch round Ametek plastic valve boxes or standard, large rectangular Ametek plastic valve boxes at the discretion of the Town's representative.

**17. Backfilling:** Prior to any backfilling of trenches, an inspection by the Town's irrigation representative must take place and any necessary changes implemented; otherwise manual excavation to enable proper inspection will be necessary. Use clean and approved topsoil to backfill all pipe to a depth. All heads and boxes are to be backfilled to grade with clean topsoil. No rocks greater than 1 inch are allowed. Compact trenches to alleviate settling. Minimal depth of coverage is 12 inches.

**18. Valve sequencing** must be performed by the contractor and in an order approved by the Town Irrigation Inspector. At least 12 inches of extra station wiring within the bottom of the pedestal is necessary for each zone and must be of neat and orderly appearance.

**19.** Any deficiencies in coverage noted by the Town's irrigation inspector will be rectified at the cost of the contractor.

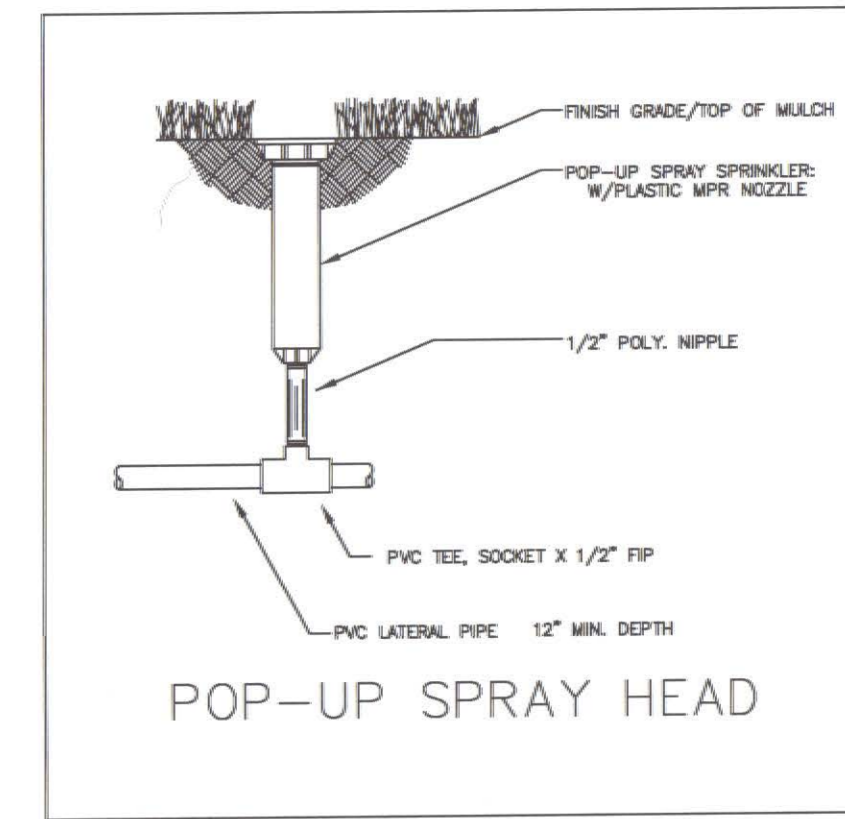
**20. Controller:** A Town irrigation representative will determine the type of controller to be used. All controllers shall have a concrete pad of 36"x36"x6". Pad will be set at 3" above final grade. Install the controller after the concrete pad is completely cured (two days). Use only appropriately sized stainless steel bolts, washers and nuts to secure the controller to the concrete pad. All wiring is to enter the pedestal via appropriately sized PVC sweep elbows extending at least 1" thru and 6" out from under the pad. Control/master valve wiring, flow meter wiring and 120-V service wiring are to be separated with each having its own access elbow. An additional spare 3/4" sweep elbow for phone service is to be installed as well. All national and local codes must be followed during the installation.

**A. A/C controller** - Only Irritrol MC Plus controllers will be acceptable. Both Mini-click rain and freeze sensors will be installed and placed where they can operate properly. All non-Rain Master controllers must be permanently wired for quick attachment to a Rain Master remote control unit.

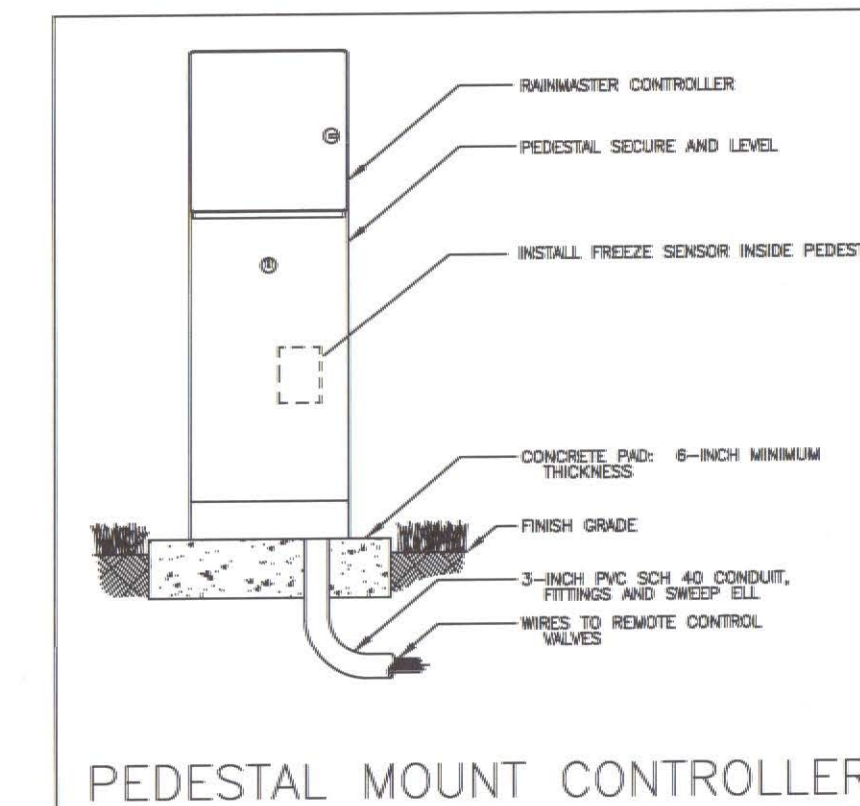
**B. Battery and/or Solar Operated Controllers** - Only LEIT controllers will be acceptable. Install rain or freeze sensors on these controllers with SKIT8821-4 installation kit. Install on galvanized thick wall poles and set controller panel to height above finished grade to be determined by Town's representative.

**C. Rain Master:** Only an approved size Rain Master Evolution DX-2 controller with a stainless steel pedestal and heavy duty transient protection is permitted. The controller must include all necessary hardware to ensure reliable communication and operation with the Town's central control located at 16801 Westgrove. Installation must include the following Rain Master hardware, purchased only from a Rain Master supplier: DX-03 sensor board, DX-PH phone communication option, Data Industrial flow meter (same size as the mainline), and shielded EV-CAB-SEN flow meter cable. It is the irrigation contractor's responsibility to entail the cost of and work in conjunction with South Western Bell Telephone to establish a dedicated phone service and install an interface within the pedestal at each controller location via direct burial cable within 1" PVC conduit. The entire installation must conform to Rain Master specifications and be approved by the Town's irrigation inspector prior to and be inspected during installation. Such specifications will include grounding and pad configurations and distances of separation from water meter to DCA to master valve to flow meter and by an approved method. For part numbers and pricing of any Rain Master equipment, contact Mark Stricker of John Deere Landscapes at 972-881-0205. For technical questions, call John DuBose of RainMaster at 214-632-2289.

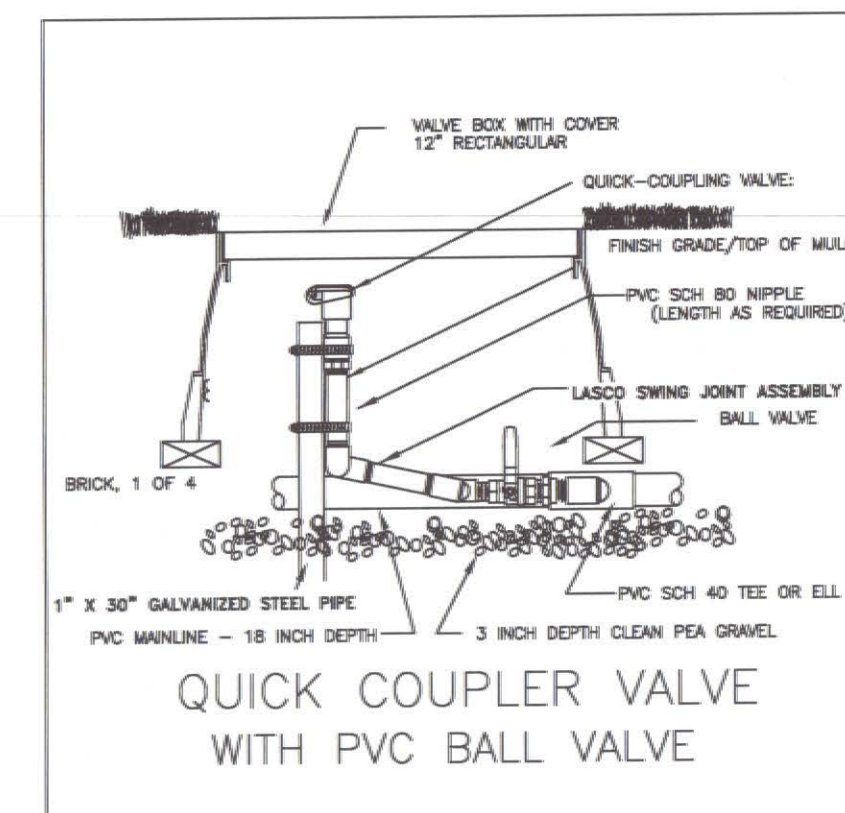
**21.** Communication is the key. **If you are unsure, CALL** Ron Lee, the Operations Manager of the Addison Parks Department (972) 450-2863.



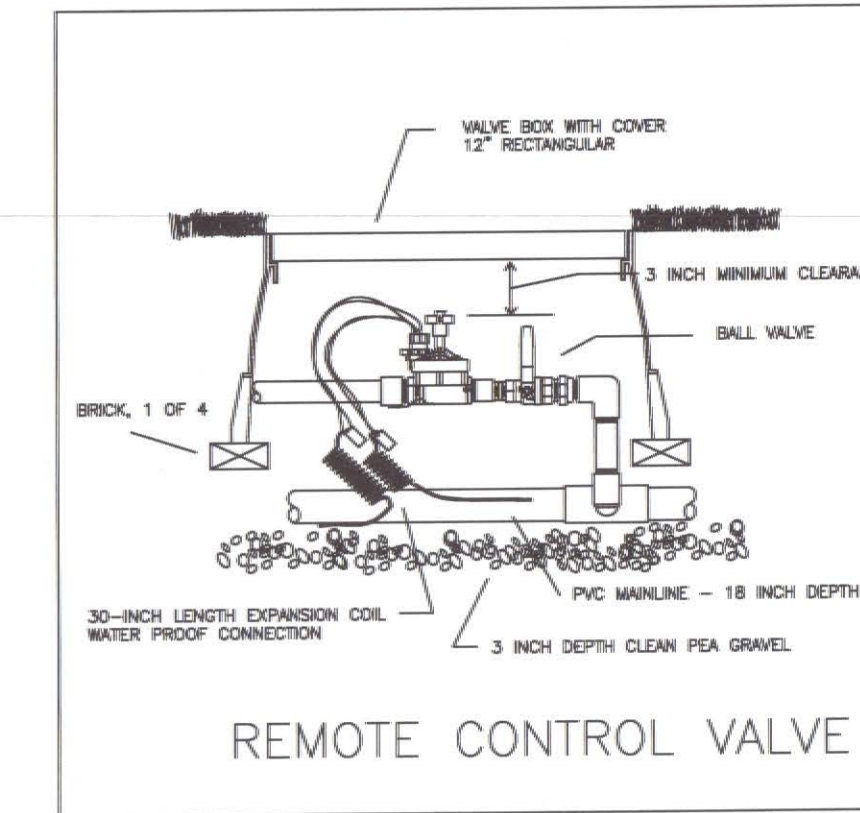
POP-UP SPRAY HEAD



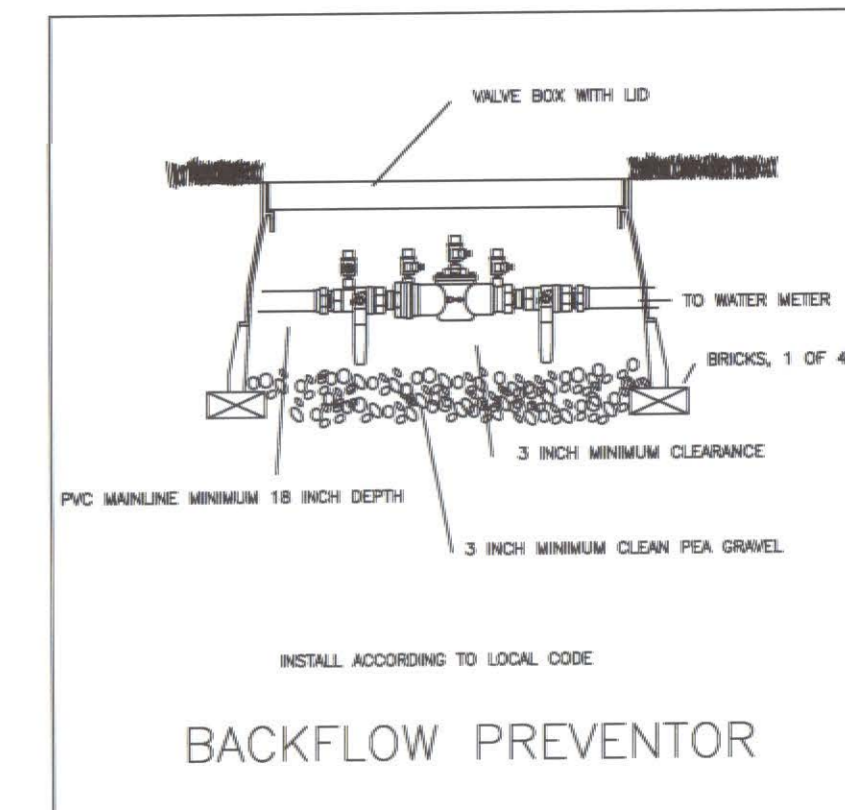
PEDESTAL MOUNT CONTROLLER



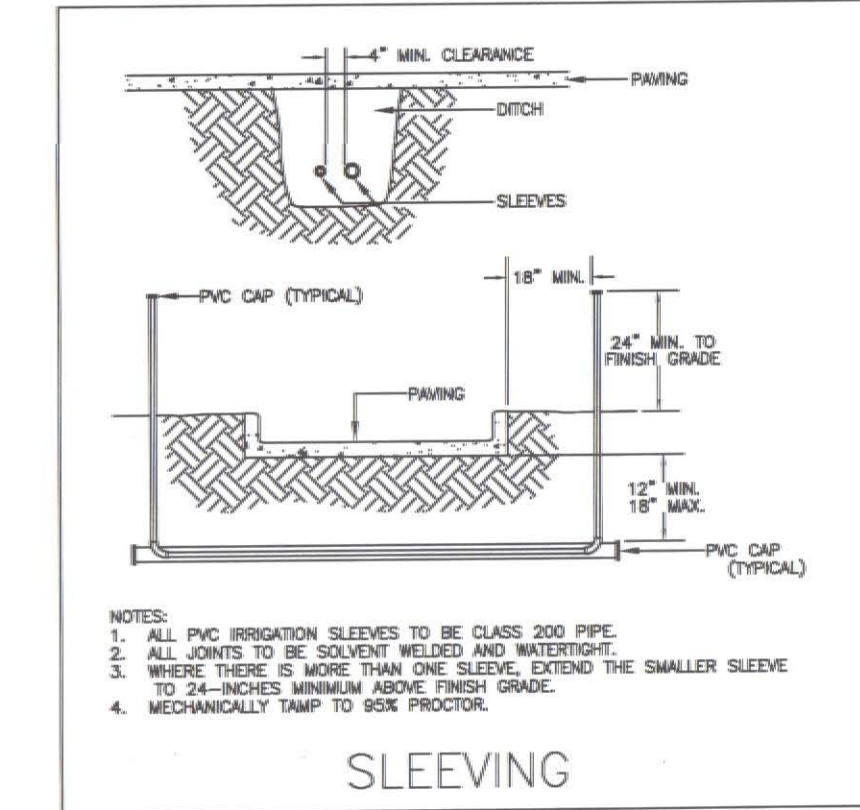
QUICK COUPLER VALVE WITH PVC BALL VALVE



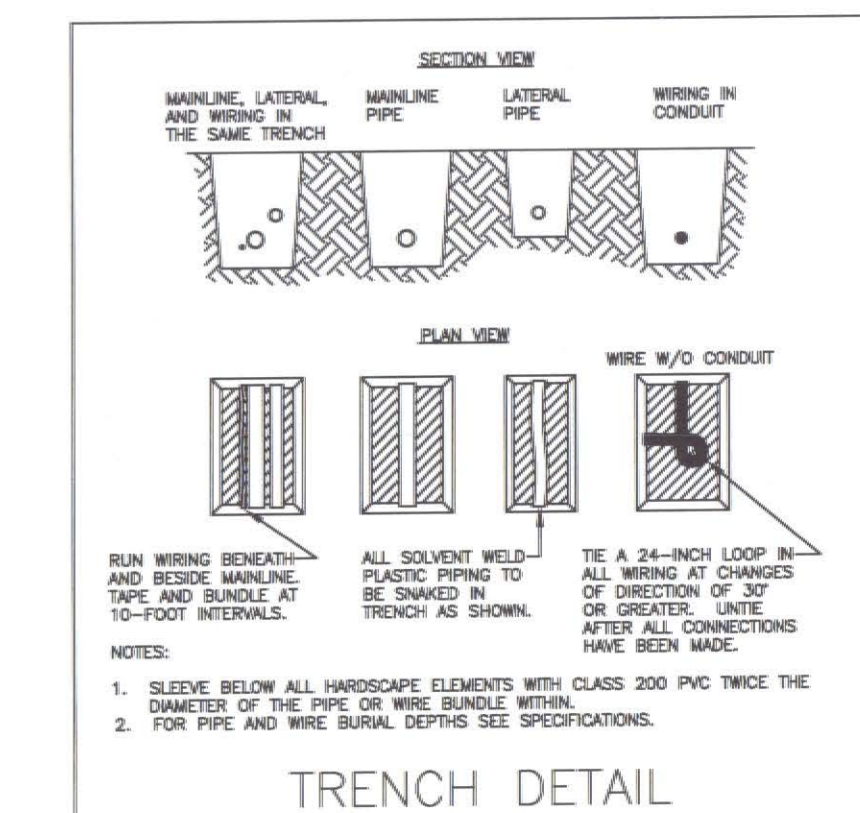
REMOTE CONTROL VALVE



BACKFLOW PREVENTOR



SLEEVEING



TRENCH DETAIL

**INSTALLATION NOTES**

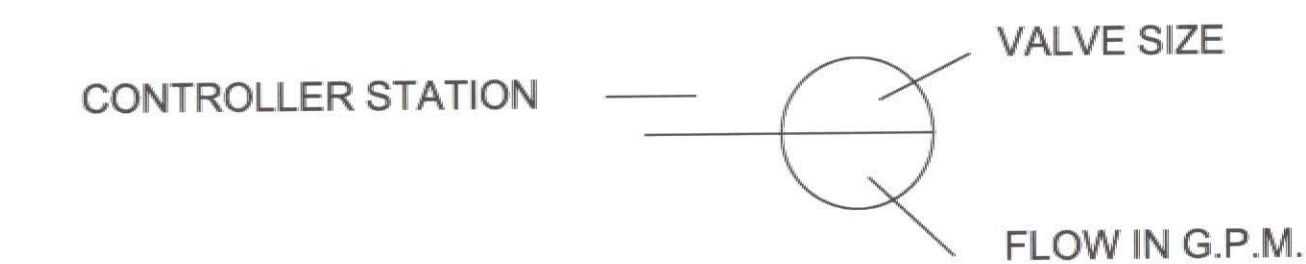
REFERENCE TOWN OF ADDISON IRRIGATION SPECIFICATIONS REVISED 02/21/07.

1. COORDINATE IRRIGATION INSTALLATION WITH PLANTING PLAN AND SITE CONDITIONS TO PROVIDE COMPLETE COVERAGE WITH MINIMUM OVERSPRAY. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER.
2. CONFIRM STATIC WATER PRESSURE OF 60 PSI AT LEAST 7 DAYS BEFORE BEGINNING WORK. IF STATIC WATER PRESSURE IS LESS THAN STATED ABOVE, DO NOT PROCEED UNTIL DIRECTED SO BY THE LANDSCAPE ARCH.
3. THE IRRIGATION CONTRACTOR WILL SECURE ALL REQUIRED PERMITS AND PAY ALL ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES HEREIN.
4. LATERAL PIPE SHALL BE INSTALLED AT A MINIMUM DEPTH OF 12 INCHES. MAINLINE PIPE AND WIRES SHALL BE INSTALLED AT A MINIMUM DEPTH OF 18 INCHES.
5. UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY ONLY. INSTALL THESE PIPES IN ADJACENT LANDSCAPED AREAS.
6. ELECTRIC POWER SHALL BE PROVIDED WITHIN FIVE FEET OF CONTROLLER LOCATION BY GENERAL CONTRACTOR. I.C. TO PROVIDE FINAL HARD-WIRE TO CONTROLLER.
7. 24 VOLT WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR "IRRIGATION WIRE". WIRE SPLICES SHALL BE KING ONE STEP TYPE AT CONTROL VALVES AND DBT TYPE FOR FIELD SPLICES. "IRRIGATION WIRE". COMMON WIRE SHALL BE WHITE. MASTER VALVE WIRE SHALL BE BLUE. FLOW METER WIRE SHALL BE RAINMASTER EV-CAB-SEN INSTALLED INSIDE A CONTINUOUS 3/4" GRAY PVC CONDUIT.
8. VALVE BOXES SHALL BE INSTALLED FLUSH WITH GRADE, SUPPORTED BY BRICKS IF NEEDED, WITH 3 INCHES OF CLEAN PEA GRAVEL LOCATED BELOW THE VALVE. USE 12" x 17" RECTANGULAR VALVE BOXES FOR ELECTRIC VALVES AND QUICK COUPLING VALVES UNLESS NOTED OTHERWISE. D.C.A. SHALL BE INSTALLED IN A CONCRETE BOX ACCORDING TO LOCAL CODES.
9. USE LASCO O-RING SWING JOINT ASSEMBLIES TO CONNECT ALL ROTARY HEADS AND QUICK COUPLERS.
10. ALL SPRAY HEADS SHALL BE CONNECTED WITH A 1/2" x 6" GREEN POLYETHYLENE NIPPLE. NO SWING JOINTS WILL BE PERMITTED.
11. PROVIDE TWO QUICK COUPLER KEYS WITH SWIVEL HOSE ELLS.
12. CONTRACTOR IS TO CONTACT APPROPRIATE AUTHORITIES AND LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
14. THE CONTRACTOR SHALL PROVIDE A RAINMASTER DX-03 SENSOR BOARD, DX-PH PHONE COMMUNICATION OPTION, SOUTH WESTERN BELL TELEPHONE DATA LINE AND PROVIDE COMPLETE COMMUNICATION WITH THE OWNERS CENTRAL CONTROL SYSTEM.

**LEGEND**

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- RAINBIRD #1804-PRS POP UP SPRAY HEAD WITH 4"-SST/4"-EST MPR NOZZLE UNLESS NOTED OTHERWISE.
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- SEE SHEET IR-1 FOR SLEEVE LOCATION AND SIZES.

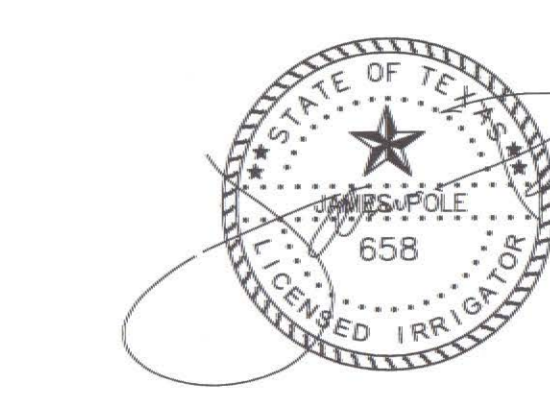
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CONTROLLER STATION

VALVE SIZE

FLOW IN G.P.M.



**James Pole**  
 LANDSCAPE IRRIGATION SPECIALIST

CONSULTING, DESIGN, SPECIFICATIONS  
 TEXAS LICENSED IRRIGATOR #658

2615 WOODHAVEN DENTON, TEXAS 76209 PHONE: 940.243.2364

04/05/07

CONSULTANT:  
**LINDA TYCNER & ASSOCIATES**  
 11411 N. CENTRAL EXPRESSWAY, SUITE V  
 DALLAS, TEXAS 75243  
 (214) 750-1210

PROJECT TITLE:  
**SNK ADDISON MIXED USE DEVELOPMENT**  
 Addison, Texas

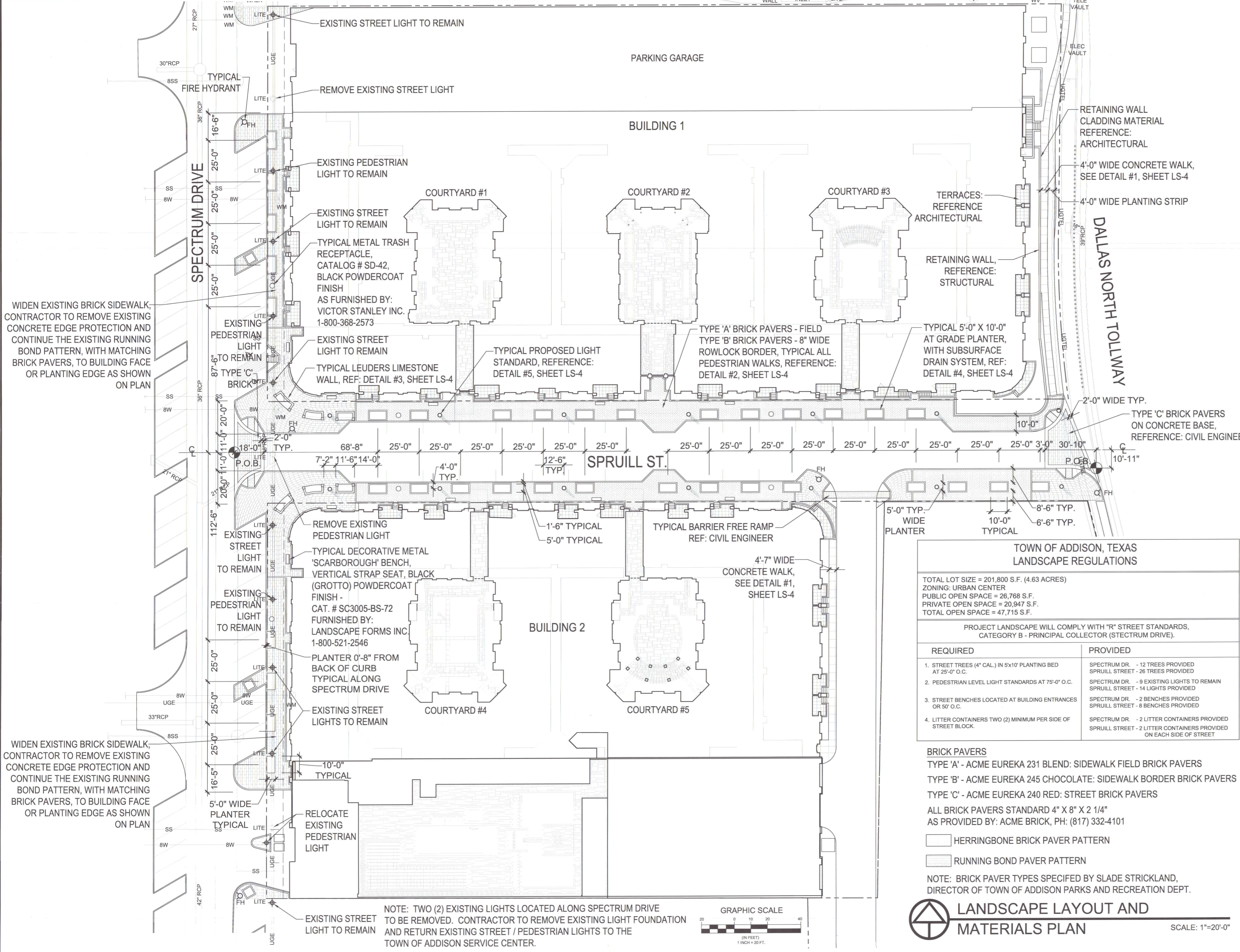
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Job No.	Print Date:
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L.T.	
Project Mgr.	
L.T.	

Sheet Title  
**IRRIGATION DETAILS**

Dwg. No.  
**IR-3**

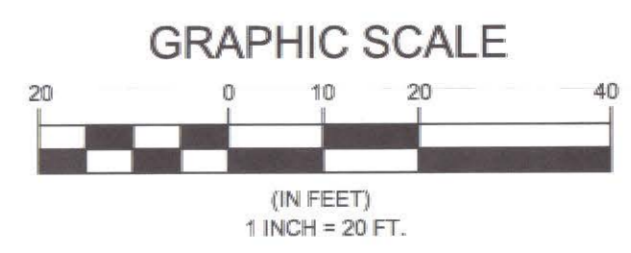




WIDEN EXISTING BRICK SIDEWALK, CONTRACTOR TO REMOVE EXISTING CONCRETE EDGE PROTECTION AND CONTINUE THE EXISTING RUNNING BOND PATTERN, WITH MATCHING BRICK PAVERS, TO BUILDING FACE OR PLANTING EDGE AS SHOWN ON PLAN

WIDEN EXISTING BRICK SIDEWALK, CONTRACTOR TO REMOVE EXISTING CONCRETE EDGE PROTECTION AND CONTINUE THE EXISTING RUNNING BOND PATTERN, WITH MATCHING BRICK PAVERS, TO BUILDING FACE OR PLANTING EDGE AS SHOWN ON PLAN

NOTE: TWO (2) EXISTING LIGHTS LOCATED ALONG SPECTRUM DRIVE TO BE REMOVED. CONTRACTOR TO REMOVE EXISTING LIGHT FOUNDATION AND RETURN EXISTING STREET / PEDESTRIAN LIGHTS TO THE TOWN OF ADDISON SERVICE CENTER.



TOWN OF ADDISON, TEXAS LANDSCAPE REGULATIONS	
TOTAL LOT SIZE = 201,800 S.F. (4.63 ACRES) ZONING: URBAN CENTER PUBLIC OPEN SPACE = 26,768 S.F. PRIVATE OPEN SPACE = 20,947 S.F. TOTAL OPEN SPACE = 47,715 S.F.	
PROJECT LANDSCAPE WILL COMPLY WITH "R" STREET STANDARDS, CATEGORY B - PRINCIPAL COLLECTOR (SPECTRUM DRIVE).	
REQUIRED	PROVIDED
1. STREET TREES (4" CAL.) IN 5'x10' PLANTING BED AT 25'-0" O.C.	SPECTRUM DR. - 12 TREES PROVIDED SPRUILL STREET - 26 TREES PROVIDED
2. PEDESTRIAN LEVEL LIGHT STANDARDS AT 75'-0" O.C.	SPECTRUM DR. - 9 EXISTING LIGHTS TO REMAIN SPRUILL STREET - 14 LIGHTS PROVIDED
3. STREET BENCHES LOCATED AT BUILDING ENTRANCES OR 50' O.C.	SPECTRUM DR. - 2 BENCHES PROVIDED SPRUILL STREET - 8 BENCHES PROVIDED
4. LITTER CONTAINERS TWO (2) MINIMUM PER SIDE OF STREET BLOCK.	SPECTRUM DR. - 2 LITTER CONTAINERS PROVIDED SPRUILL STREET - 2 LITTER CONTAINERS PROVIDED ON EACH SIDE OF STREET

**BRICK PAVERS**  
 TYPE 'A' - ACME EUREKA 231 BLEND: SIDEWALK FIELD BRICK PAVERS  
 TYPE 'B' - ACME EUREKA 245 CHOCOLATE: SIDEWALK BORDER BRICK PAVERS  
 TYPE 'C' - ACME EUREKA 240 RED: STREET BRICK PAVERS  
 ALL BRICK PAVERS STANDARD 4" X 8" X 2 1/4"  
 AS PROVIDED BY: ACME BRICK, PH: (817) 332-4101

- HERRINGBONE BRICK PAVER PATTERN
- RUNNING BOND PAVER PATTERN

NOTE: BRICK PAVER TYPES SPECIFIED BY SLADE STRICKLAND, DIRECTOR OF TOWN OF ADDISON PARKS AND RECREATION DEPT.

**LANDSCAPE LAYOUT AND MATERIALS PLAN**

SCALE: 1"=20'-0"

CONSULTANT:  
**LINDA TYCHER & ASSOCIATES**  
 LINDA TYCHER & ASSOCIATES, INC.  
 1000 W. GARDENWAY, SUITE 100  
 DALLAS, TEXAS 75241  
 (214) 750-1210



PROJECT TITLE:  
**SNK ADDISON  
 MIXED USE DEVELOPMENT**  
 Addison, Texas

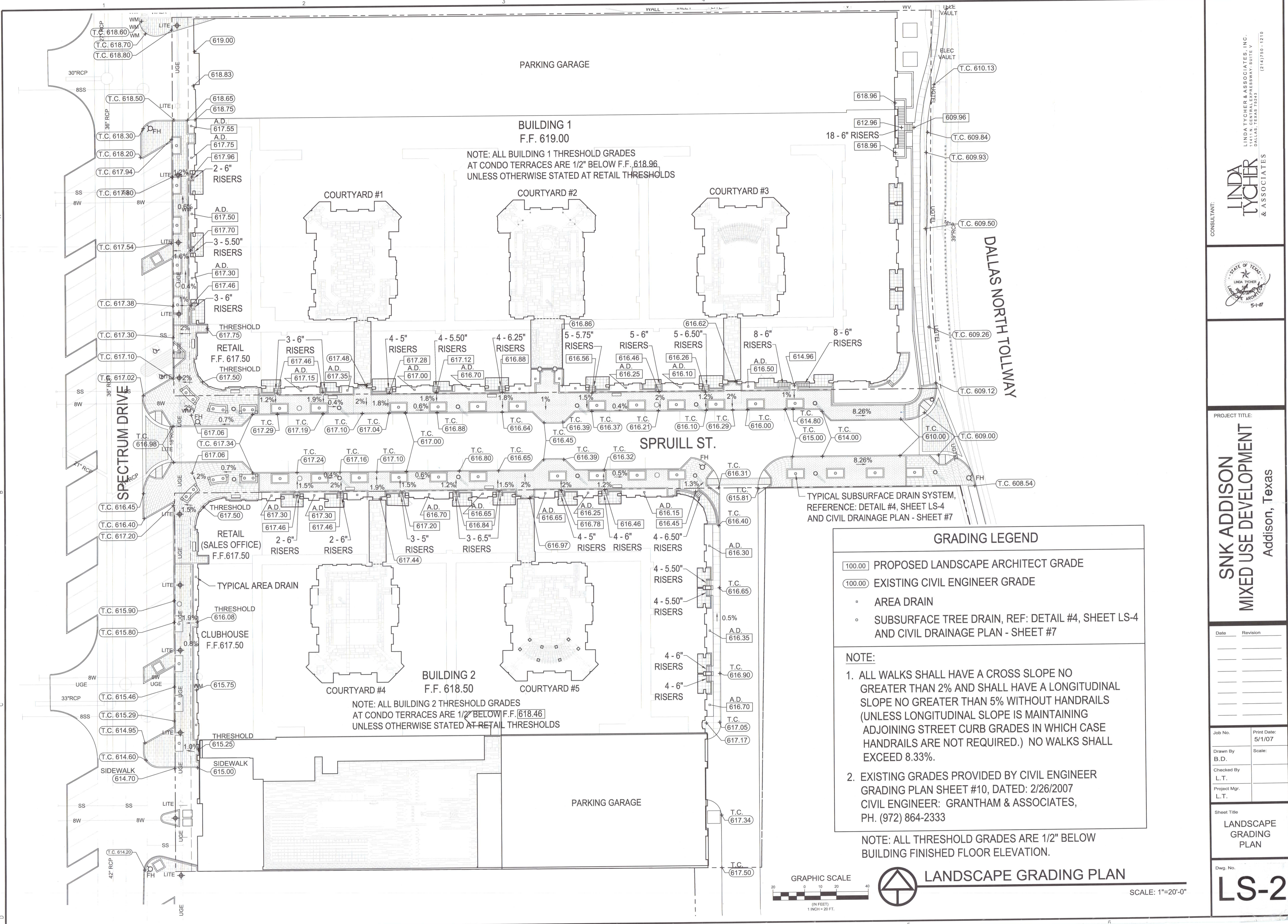
Date	Revision

Job No.      Print Date:  
 B.D.            5/1/07  
 Drawn By      Scale:  
 L.T.  
 Checked By  
 L.T.  
 Project Mgr.  
 L.T.

Sheet Title  
**LANDSCAPE  
 LAYOUT AND  
 MATERIALS  
 PLAN**

Dwg. No.  
**LS-1**





PARKING GARAGE

**BUILDING 1**  
F.F. 619.00

NOTE: ALL BUILDING 1 THRESHOLD GRADES AT CONDO TERRACES ARE 1/2" BELOW F.F. 618.96 UNLESS OTHERWISE STATED AT RETAIL THRESHOLDS

COURTYARD #1

COURTYARD #2

COURTYARD #3

COURTYARD #4

**BUILDING 2**  
F.F. 618.50

COURTYARD #5

NOTE: ALL BUILDING 2 THRESHOLD GRADES AT CONDO TERRACES ARE 1/2" BELOW F.F. 618.46 UNLESS OTHERWISE STATED AT RETAIL THRESHOLDS

PARKING GARAGE

SPRUILL ST.

DALLAS NORTH TOLLWAY

SPECTRUM DRIVE

TYPICAL SUBSURFACE DRAIN SYSTEM, REFERENCE: DETAIL #4, SHEET LS-4 AND CIVIL DRAINAGE PLAN - SHEET #7

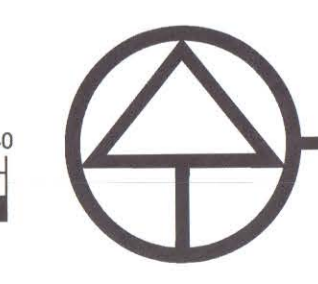
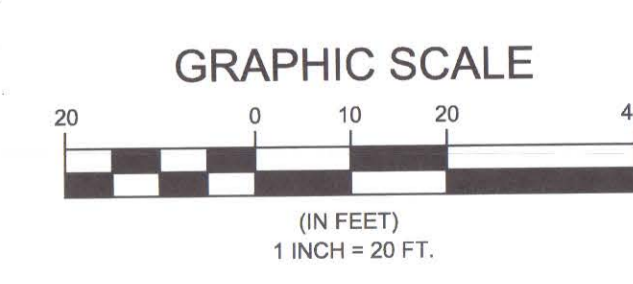
**GRADING LEGEND**

- 100.00 PROPOSED LANDSCAPE ARCHITECT GRADE
- 100.00 EXISTING CIVIL ENGINEER GRADE
- AREA DRAIN
- SUBSURFACE TREE DRAIN, REF: DETAIL #4, SHEET LS-4 AND CIVIL DRAINAGE PLAN - SHEET #7

**NOTE:**

1. ALL WALKS SHALL HAVE A CROSS SLOPE NO GREATER THAN 2% AND SHALL HAVE A LONGITUDINAL SLOPE NO GREATER THAN 5% WITHOUT HANDRAILS (UNLESS LONGITUDINAL SLOPE IS MAINTAINING ADJOINING STREET CURB GRADES IN WHICH CASE HANDRAILS ARE NOT REQUIRED.) NO WALKS SHALL EXCEED 8.33%.
2. EXISTING GRADES PROVIDED BY CIVIL ENGINEER GRADING PLAN SHEET #10, DATED: 2/26/2007 CIVIL ENGINEER: GRANTHAM & ASSOCIATES, PH. (972) 864-2333

NOTE: ALL THRESHOLD GRADES ARE 1/2" BELOW BUILDING FINISHED FLOOR ELEVATION.



**LANDSCAPE GRADING PLAN**

SCALE: 1"=20'-0"

CONSULTANT:  
**LINDA TYCHER & ASSOCIATES, INC.**  
LINDA TYCHER ARCHITECT, SUITE V  
DALLAS, TEXAS 75243  
(214)750-1210



PROJECT TITLE:  
**SNK ADDISON MIXED USE DEVELOPMENT**  
Addison, Texas

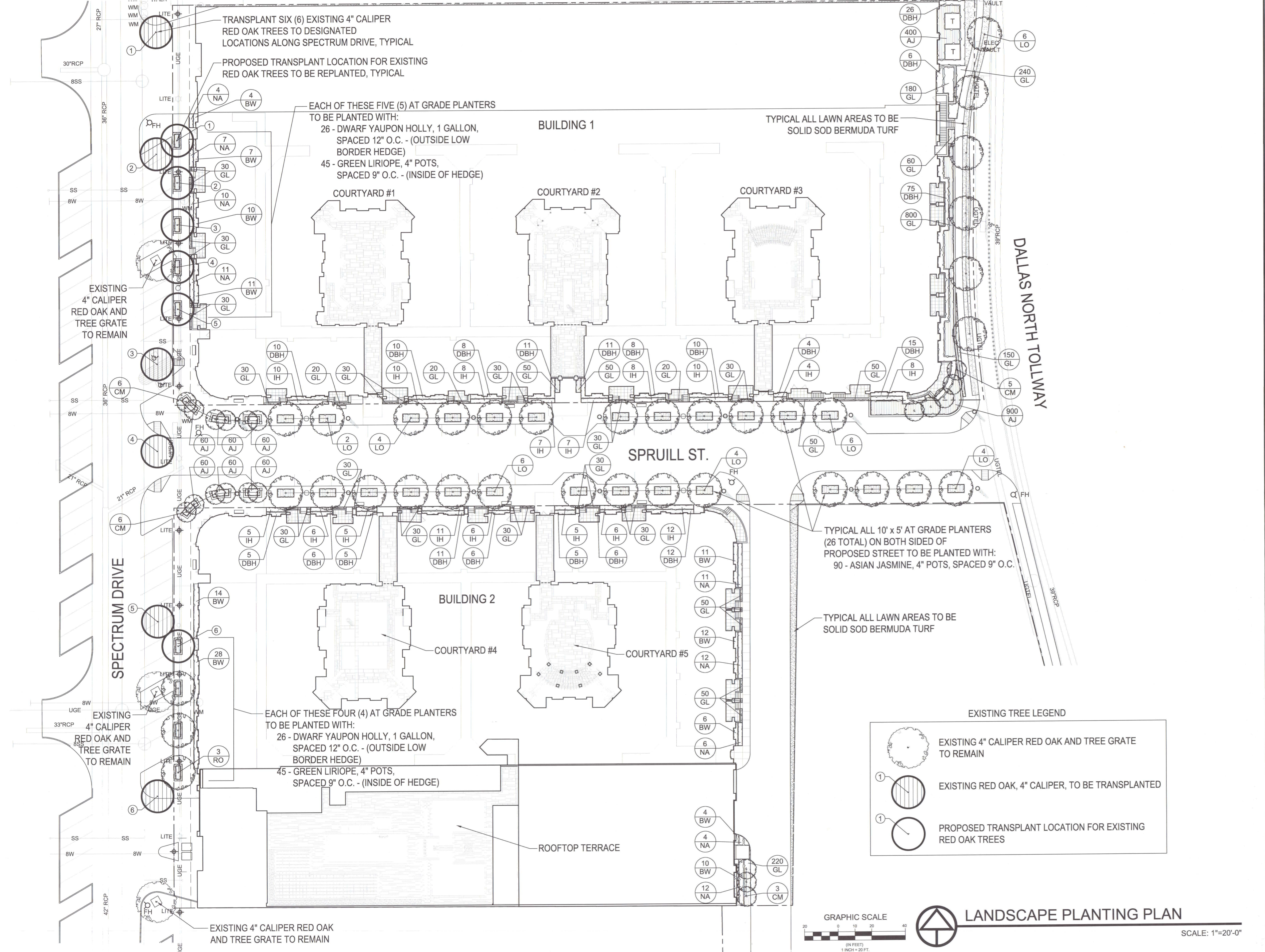
Date	Revision

Job No.      Print Date:  
B.D.            5/1/07  
Checked By    Scale:  
L.T.             
Project Mgr.    L.T.

Sheet Title  
**LANDSCAPE GRADING PLAN**

Dwg. No.  
**LS-2**





TRANSPLANT SIX (6) EXISTING 4" CALIPER RED OAK TREES TO DESIGNATED LOCATIONS ALONG SPECTRUM DRIVE, TYPICAL

PROPOSED TRANSPLANT LOCATION FOR EXISTING RED OAK TREES TO BE REPLANTED, TYPICAL

EACH OF THESE FIVE (5) AT GRADE PLANTERS TO BE PLANTED WITH:

26 - DWARF YAUPON HOLLY, 1 GALLON, SPACED 12" O.C. - (OUTSIDE LOW BORDER HEDGE)

45 - GREEN LIRIOPE, 4" POTS, SPACED 9" O.C. - (INSIDE OF HEDGE)

TYPICAL ALL LAWN AREAS TO BE SOLID SOD BERMUDA TURF

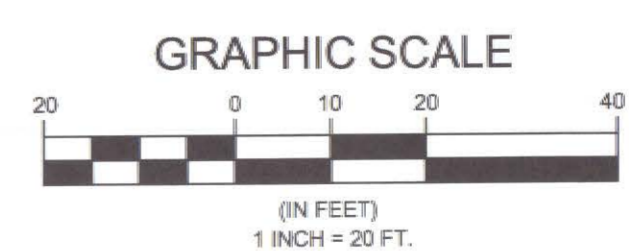
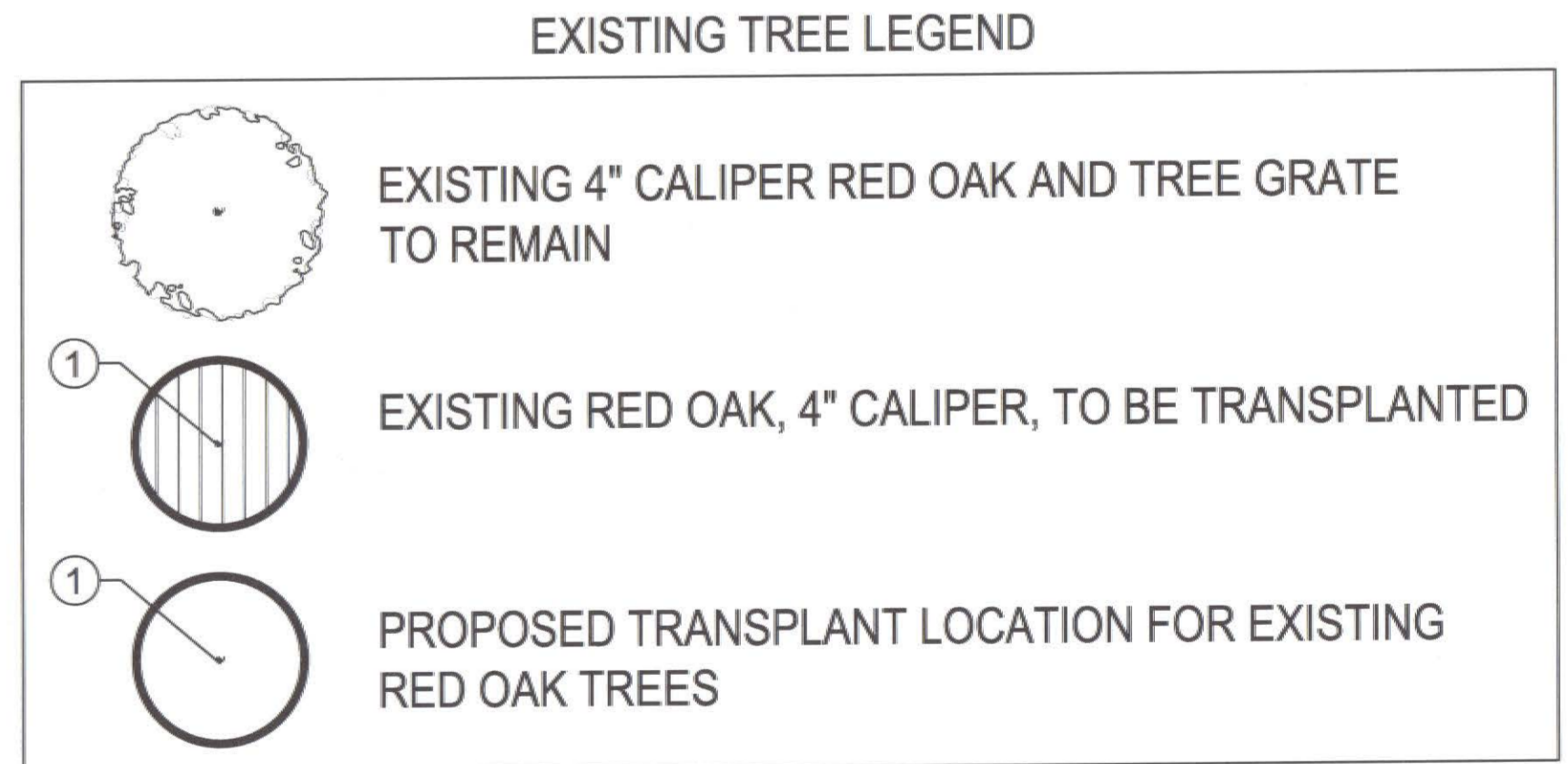
TYPICAL ALL 10' x 5' AT GRADE PLANTERS (26 TOTAL) ON BOTH SIDED OF PROPOSED STREET TO BE PLANTED WITH: 90 - ASIAN JASMINE, 4" POTS, SPACED 9" O.C.

TYPICAL ALL LAWN AREAS TO BE SOLID SOD BERMUDA TURF

EACH OF THESE FOUR (4) AT GRADE PLANTERS TO BE PLANTED WITH:

26 - DWARF YAUPON HOLLY, 1 GALLON, SPACED 12" O.C. - (OUTSIDE LOW BORDER HEDGE)

45 - GREEN LIRIOPE, 4" POTS, SPACED 9" O.C. - (INSIDE OF HEDGE)



LANDSCAPE PLANTING PLAN

SCALE: 1"=20'-0"

LINDA TYCHER & ASSOCIATES, INC.  
1441 N. CENTRAL EXPRESSWAY, SUITE V  
DALLAS, TEXAS 75245 (214) 750-1210

CONSULTANT: **LINDA TYCHER & ASSOCIATES**

PROJECT TITLE:  
**SNK ADDISON MIXED USE DEVELOPMENT**  
Addison, Texas

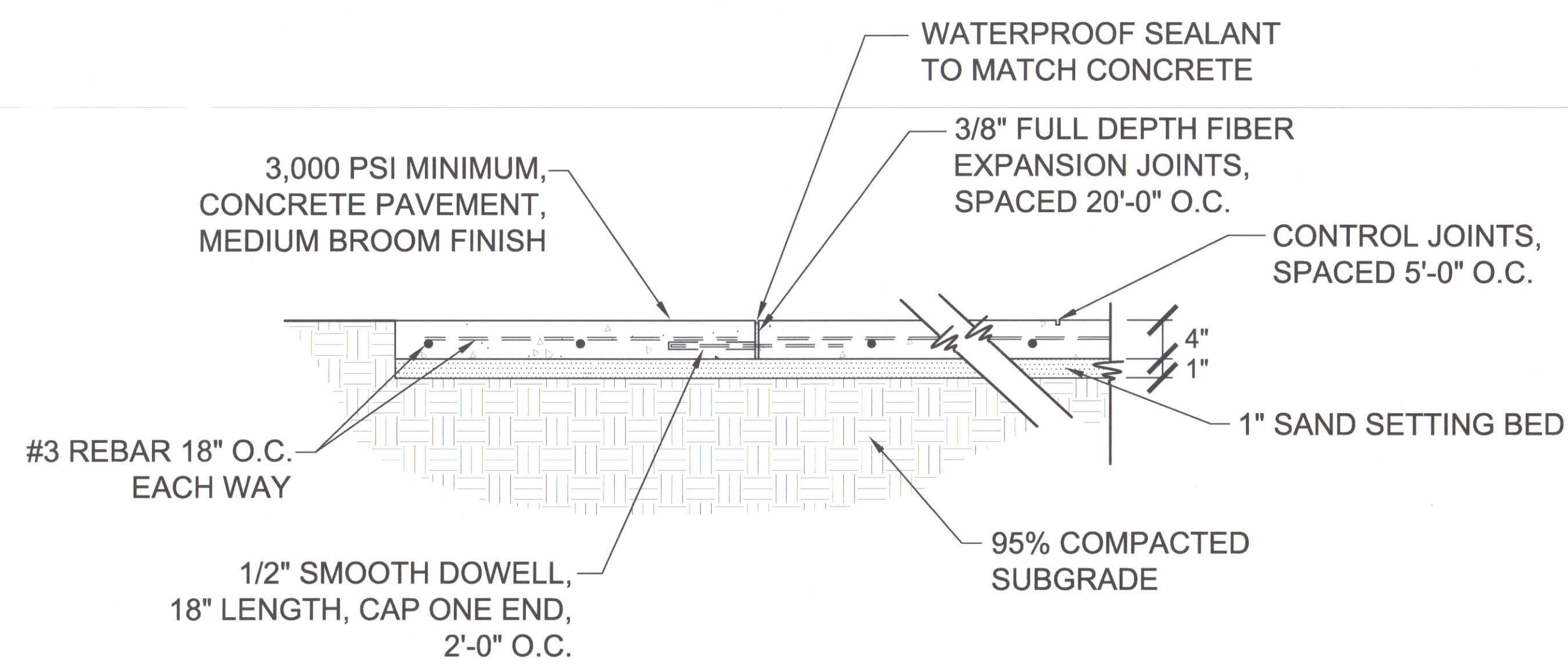
Date	Revision

Job No.	Print Date:
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Checked By:	Project Mgr.:
Project Mgr.:	

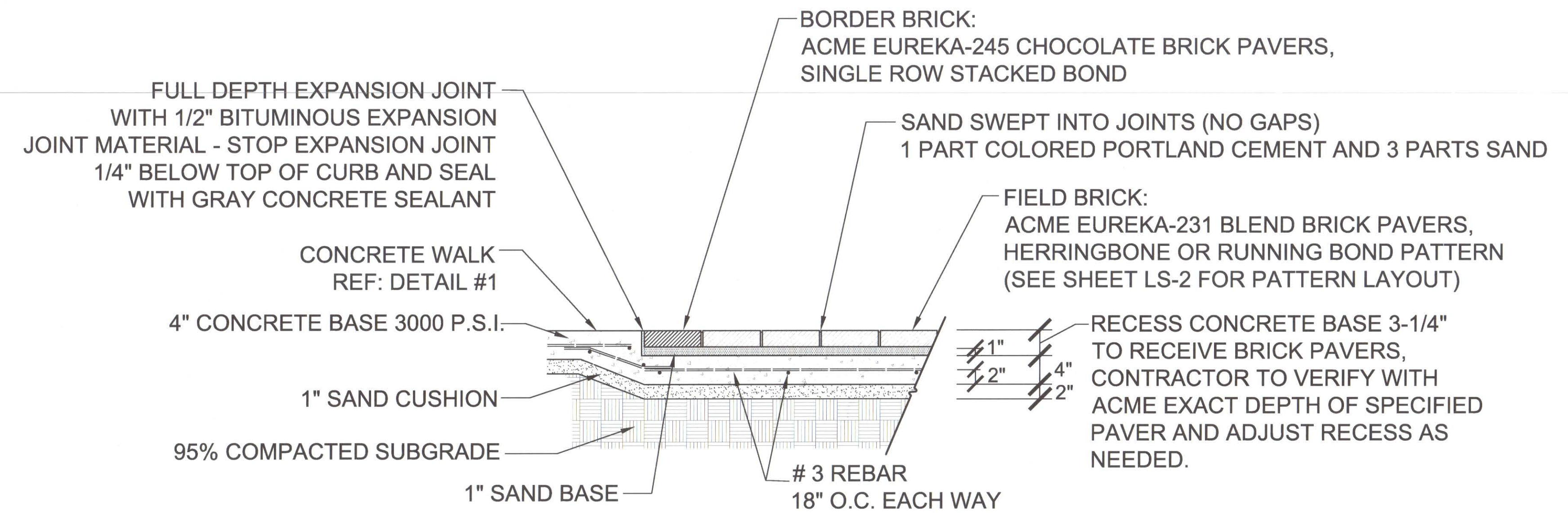
Sheet Title:  
**LANDSCAPE PLANTING PLAN**

Dwg. No.: **LS-3**

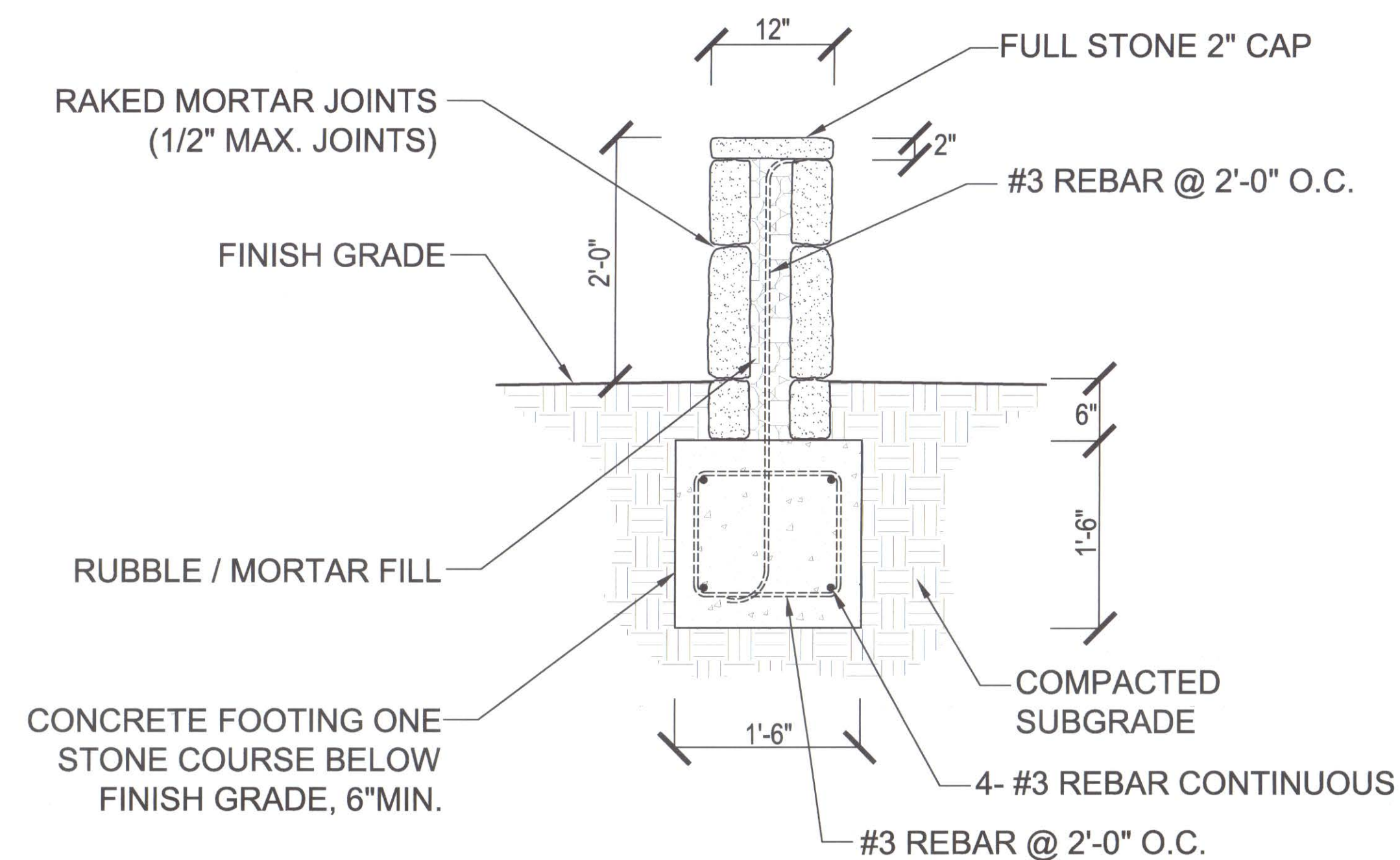




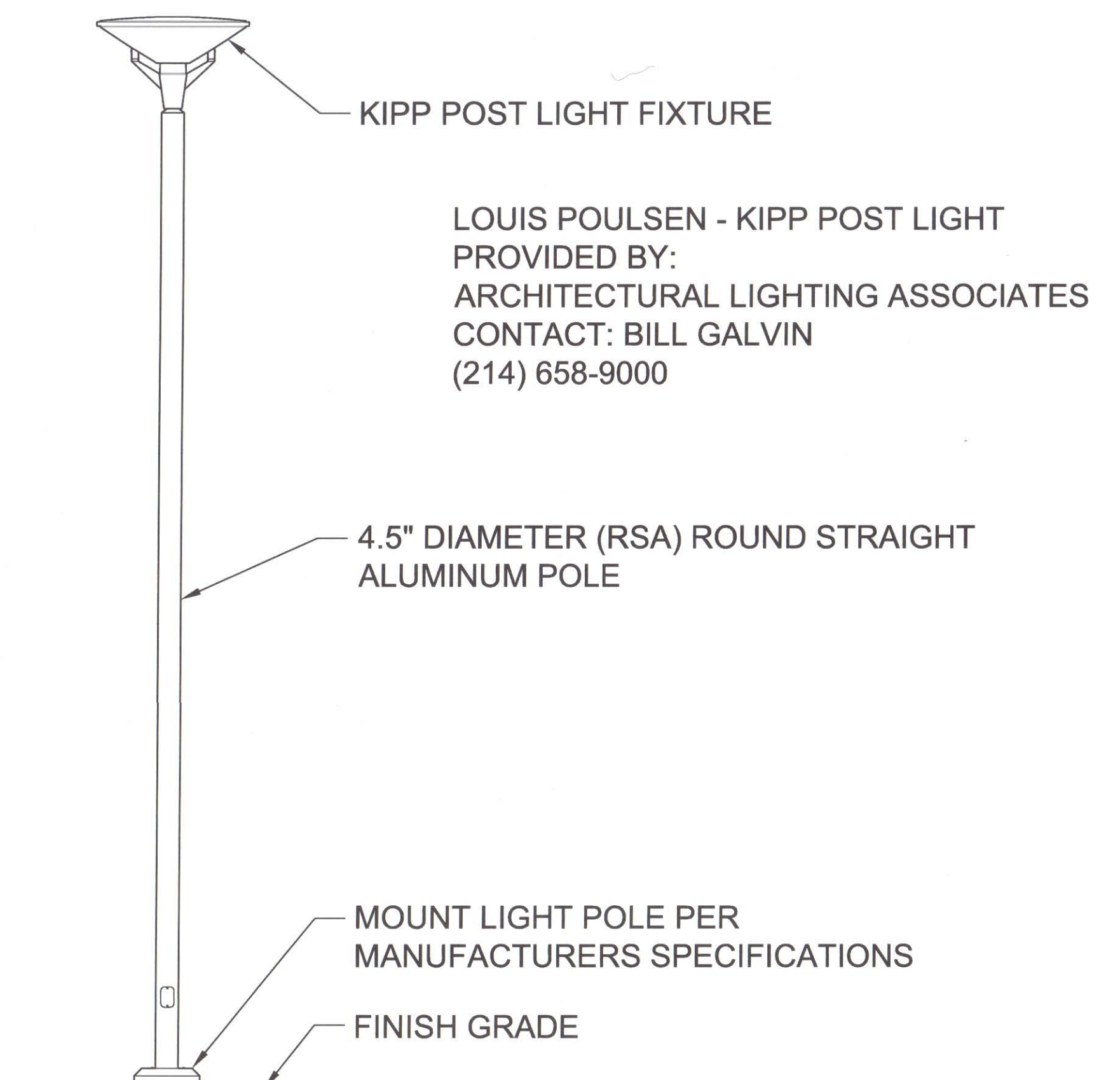
**1** TYPICAL CONCRETE WALK SECTION  
SCALE: 1"=1'-0"



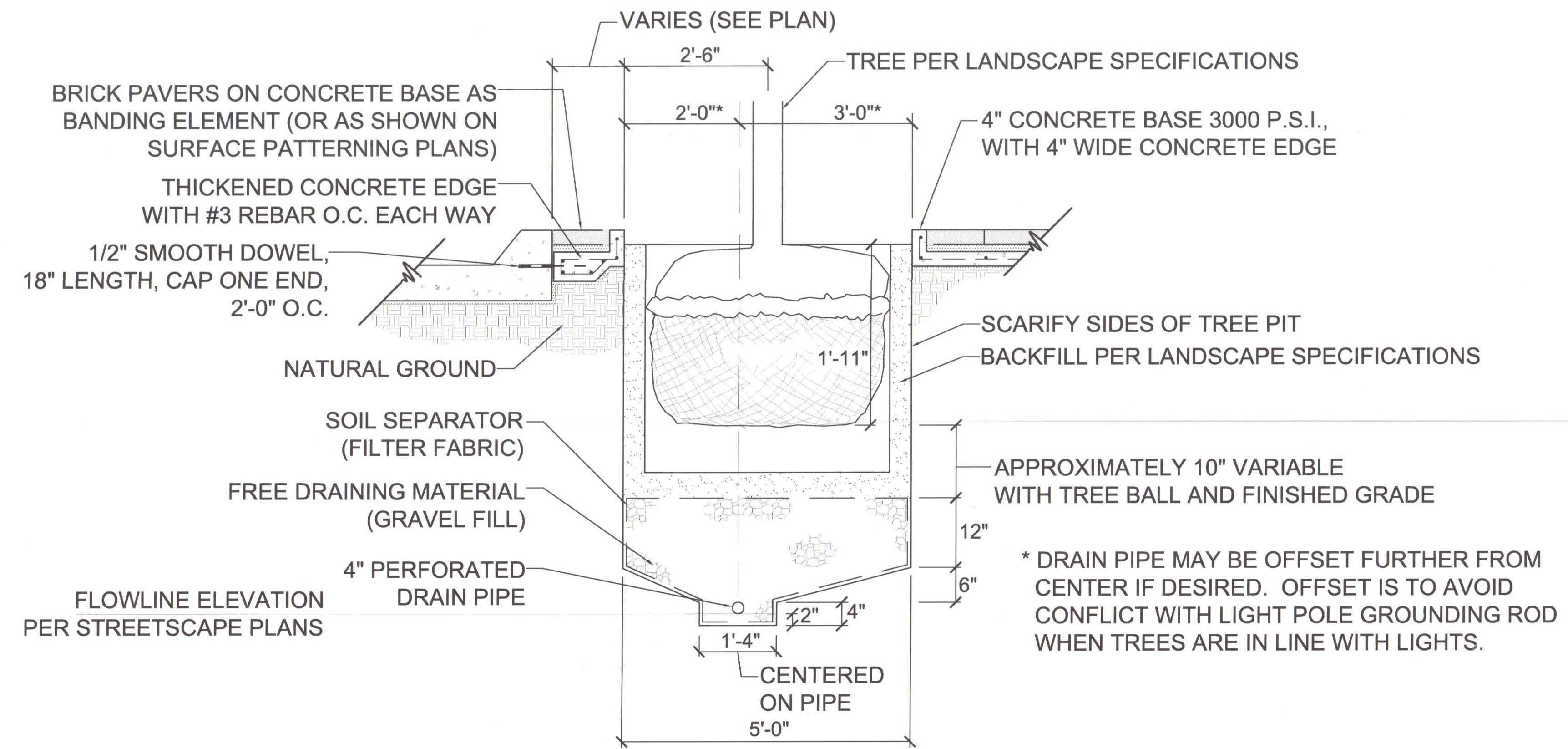
**2** BRICK PAVERS ON CONCRETE BASE  
FOR PEDESTRIAN WALKWAYS - BRICK PAVERS,  
STANDARD 4" X 8" X 2-1/4" AS SUPPLIED BY:  
ACME BRICK, PH: (817)332-4101  
SCALE: 1"=1'-0"



**3** LEUDERS LIMESTONE WALL SECTION  
SCALE: 1"=1'-0"



**5** TYPICAL LIGHT STANDARD DETAIL  
TO BE USED ALONG SPRULL AVENUE  
SCALE: 1/2" = 1'-0"



**4** SUBSURFACE DRAIN SYSTEM DETAIL  
TO BE USED ON ALL STREET TREES  
(SECTION PERPENDICULAR TO CURB)  
SCALE: N.T.S.

NOTE:  
1. FOR TREE DRAIN PLAN, REFERENCE: CIVIL DRAINAGE PLAN - SHEET #7  
2. FOR TREE DRAIN LOCATIONS, REFERENCE: LANDSCAPE GRADING PLAN, SHEET LS-2

CONSULTANT:  
**LINDA TYCHER & ASSOCIATES**  
LINDA TYCHER & ASSOCIATES, INC.  
11411 N. CENTRAL EXPRESSWAY, SUITE V  
DALLAS, TEXAS 75243  
(214) 750-1210



PROJECT TITLE:  
**SNK ADDISON  
MIXED USE DEVELOPMENT**  
Addison, Texas

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Checked By:	
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Project Mgr.:	
L.T.	

Sheet Title:  
**HARDSCAPE  
DETAILS**

Dwg. No.  
**LS-4**



