

**UNDERGROUND NOTES:**

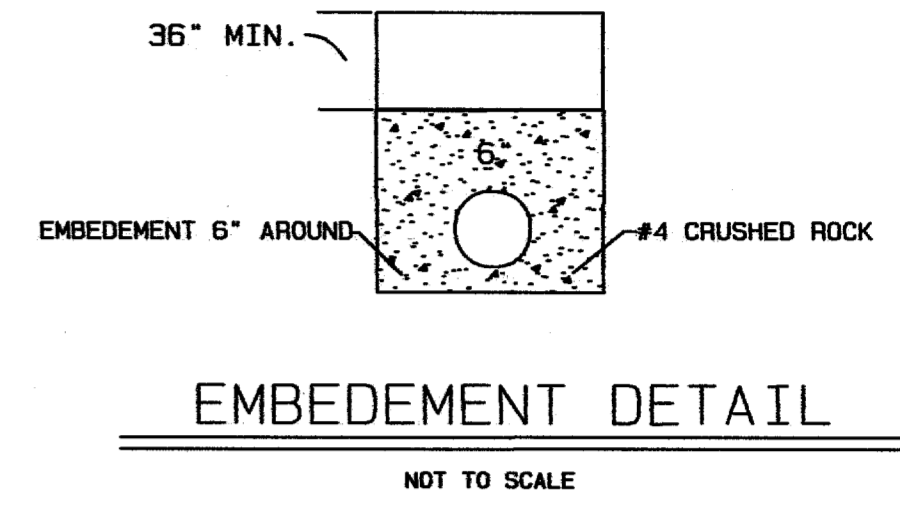
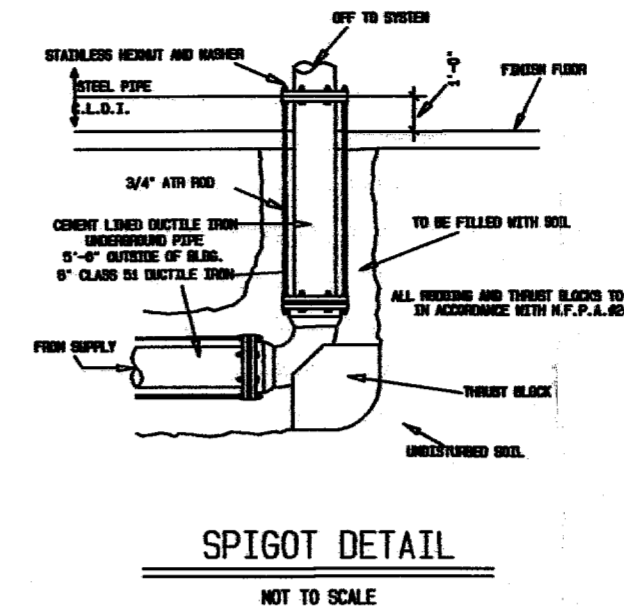
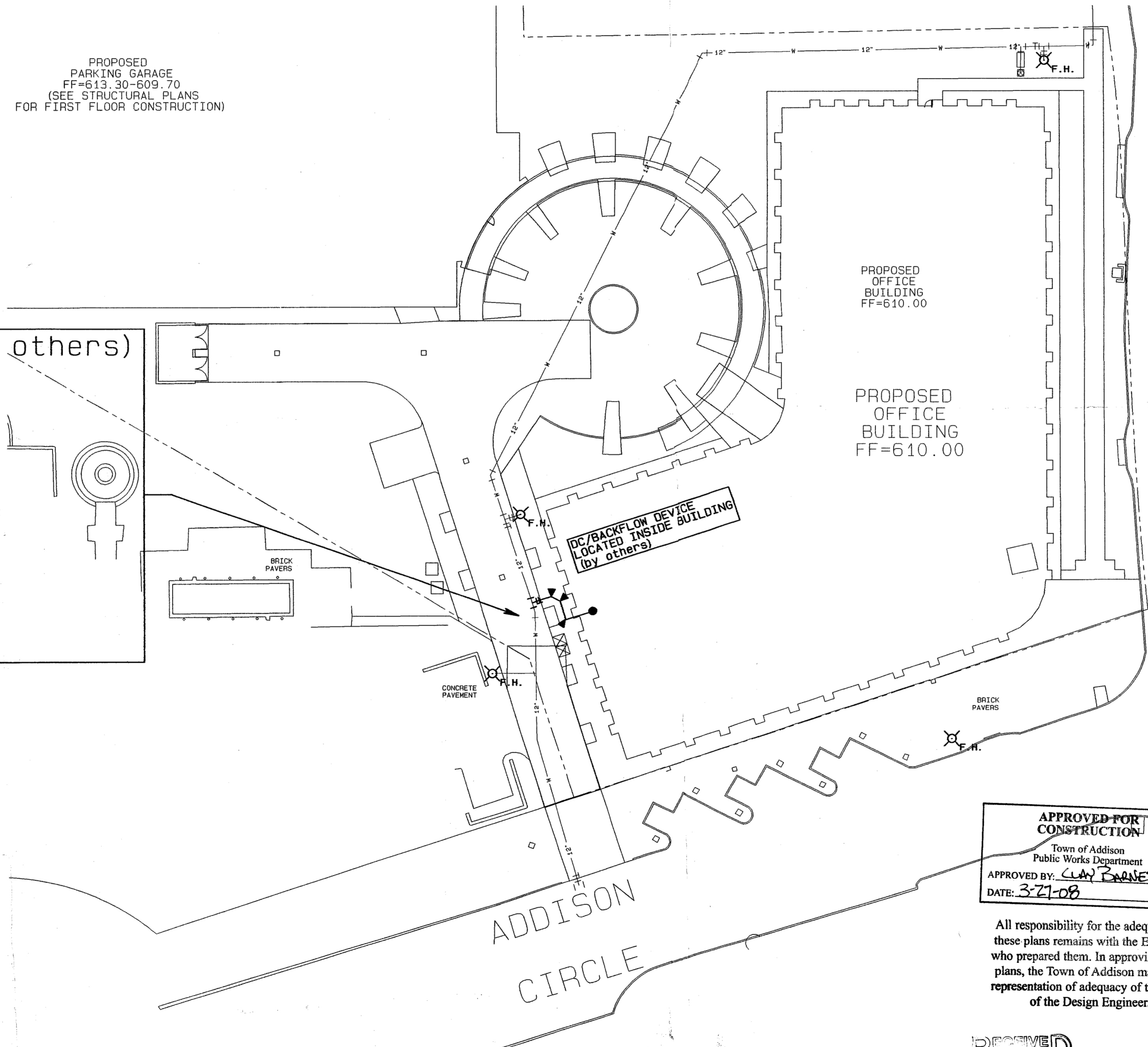
- UTILITIES TO START WORK AT THE TAP AND TERMINATE INSIDE THE BUILDING @ 1 FT. A.F.F.
1. TRI DAL LTD. TO INSTALLED UNDERGROUND FIRE SERVICE MAIN TO MEET THE REQUIREMENTS OF THE 2007 EDITION OF NFPA 13 AND NFPA 24, AND THE AUTHORITY HAVING JURISDICTION.
  2. ALL NEW INSTALLATIONS TO CONFORM TO THE CITY OF ADDISON PUBLIC WORKS, FIRE DEPARTMENT, NFPA #13, AND NFPA #24 STANDARDS.
  3. LEAD-IN PIPING TO BE AWMA C-900 PVC CLASS 200 - C909 PIPE ENTERING THE BUILDING SHALL BE CLASS 51 DUCTILE WITH POLYWRAP.
  4. ALL FITTINGS TO BE RODDED AND/OR THRUST BLOCKED IN ACCORDANCE WITH NFPA #24 AND NFPA #13.
  5. PIPE SHALL BE VISUALLY INSPECTED PRIOR TO BACKFILL AND HYDROSTATICALLY TO 200 PSI FOR 2 HOURS OR AS REQUIRED BY THE CITY STANDARD. *Line shall be chlorinated and pass bacteriological testing for coliform bacteria.*
  6. PIPING TO MAINTAIN 42 INCH MINIMUM COVER BELOW GRADE. TRENCHES ARE TO BE BACKFILLED WITH THE SPECIFIED EMBEDMENT FOR THE AREA OF JURISDICTION AND COMPACTED INTO PLACE.
  7. ALL PIPING ARE TO BE FLUSHED AND TESTED IN ACCORDANCE WITH NFPA #24.
  8. ALL PIPING AND TESTING TO BE WITNESSED BY THE LOCAL AUTHORITIES PRIOR TO BACKFILLING.

OWNER OPUS  
 ADDRESS 15455 North Dallas Parkway Suite 450  
 Addison, TX. 75001  
 PERMIT# 12451

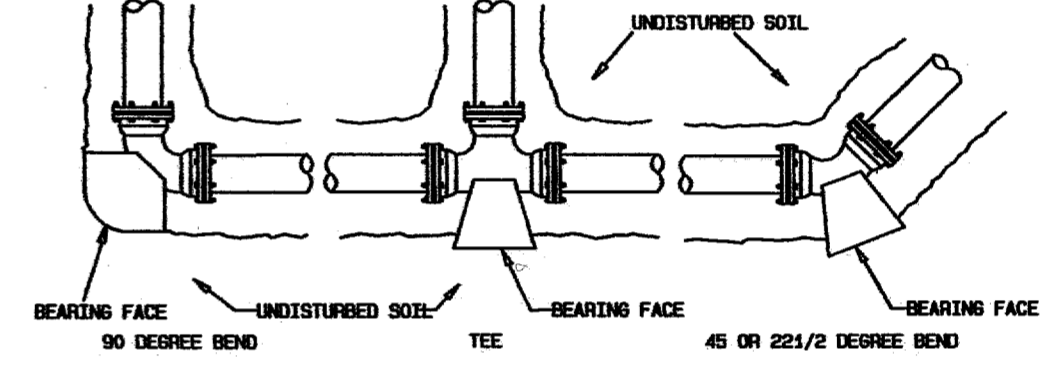
TO PROPOSED 12" WATER (by others)  
 INSTALL:  
 1- 12" X 8" TEE  
 1- 8" VALVE  
 8 L.F. OF 8" FIRELINE  
 1- 8" 45° BEND  
 4 L.F. OF 8" FIRELINE  
 1- 8" 45° BEND  
 8 L.F. OF 8" FIRELINE  
 1- 8" 90° BEND  
 7 L.F. OF 8" FIRELINE  
 1- 8" RISER TO 1' A.F.F.  
 (per city standards)

PROPOSED  
 PARKING GARAGE  
 FF=613.30-609.70  
 (SEE STRUCTURAL PLANS  
 FOR FIRST FLOOR CONSTRUCTION)

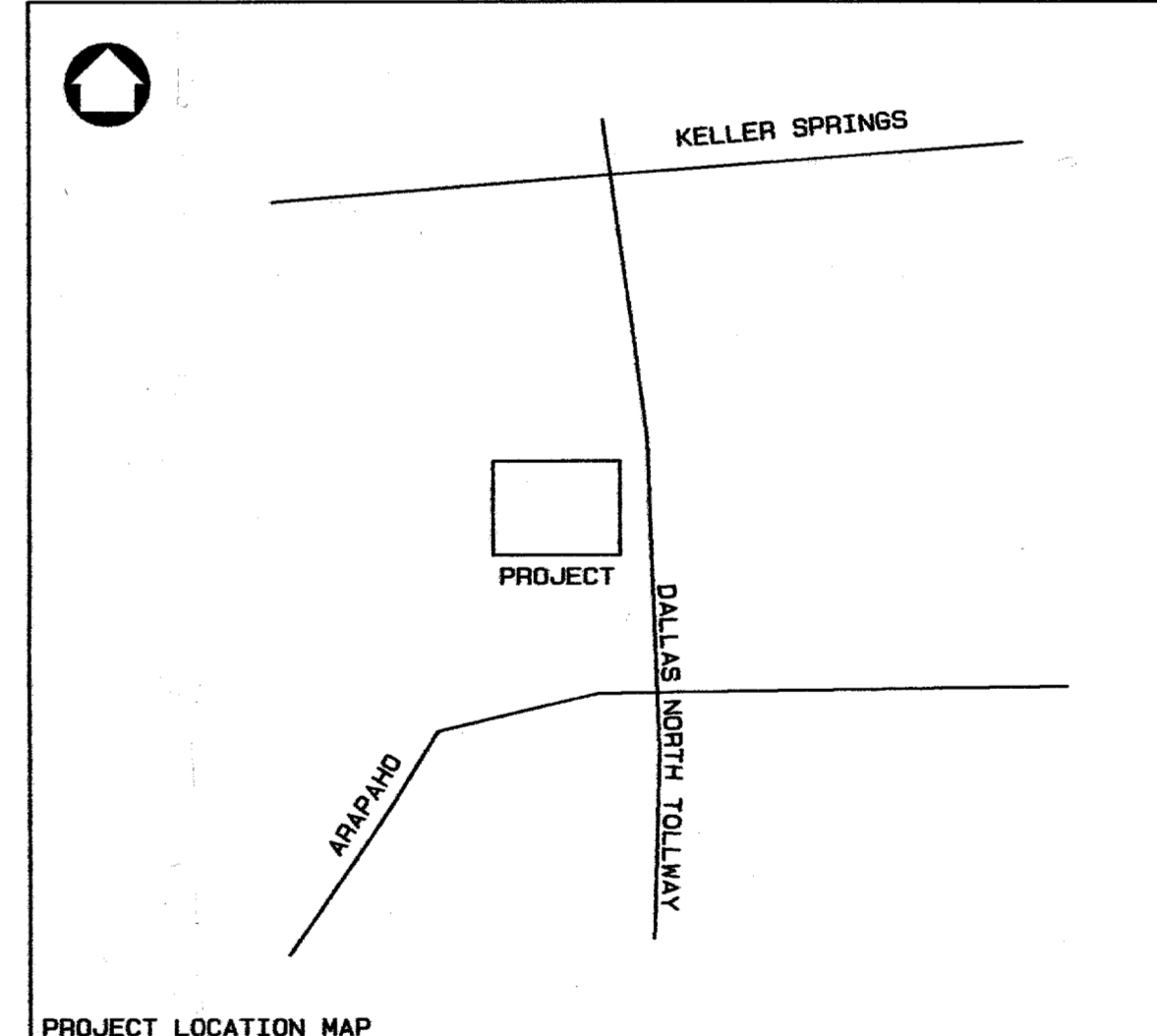
PROPOSED  
 OFFICE  
 BUILDING  
 FF=610.00



PIPE SIZE INCHES	90 DEGREE BEND SQ. FT.	45 DEGREE BEND SQ. FT.	TEES, PLUGS, CAPS AND HYDRANTS SQ. FT.
4	2	2	2
6	5	3	4
8	8	5	6
10	13	7	9
12	18	10	13
14	25	14	18
16	32	18	23
18	42	22	29
20	51	28	36
24	74	40	52



CONCRETE THRUST BLOCK DETAILS  
 NOT TO SCALE



IN LOCALITIES SUBJECT TO FREEZING CONDITIONS, IT IS THE OWNER'S RESPONSIBILITY TO PROVIDE HEAT THROUGHOUT MET PTPE SPRINKLER SYSTEMS AREAS AND IN ENCLOSURES FOR DRY PIPE DELUGE AND OTHER TYPES OF VALVES CONTROLLING WATER SUPPLIES TO SPRINKLER SYSTEMS.

THIS DRAWING AND THE INFORMATION AND DESIGN APPLICATION HEREIN CONTAINED IS THE PROPERTY OF THE UTILITY CONTRACTOR. AND/OR ITS SUBSIDIARIES AND IS LOANED UPON EXPRESS CONDITIONS THAT THE SAME BE RETURNED TO TRI DAL LTD. UPON REQUEST; ALL INFORMATION HEREIN CONTAINED SHALL BE TREATED AS SECRET AND CONFIDENTIAL; NO REPRODUCTION OF THIS DRAWING OR ANY PART THEREOF SHALL BE MADE WITHOUT WRITTEN CONSENT OF TRI DAL LTD.

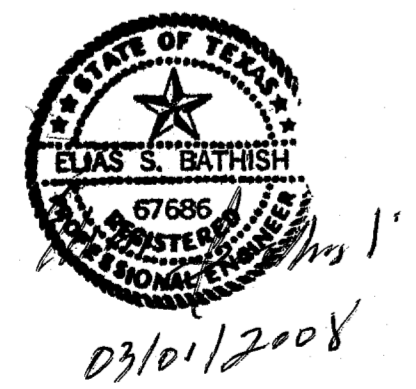
APPROVED FOR CONSTRUCTION  
 Town of Addison  
 Public Works Department  
 APPROVED BY: CLAY BARNEY  
 DATE: 3-21-08

All responsibility for the adequacy of these plans remains with the Engineer who prepared them. In approving these plans, the Town of Addison makes no representation of adequacy of the work of the Design Engineer.

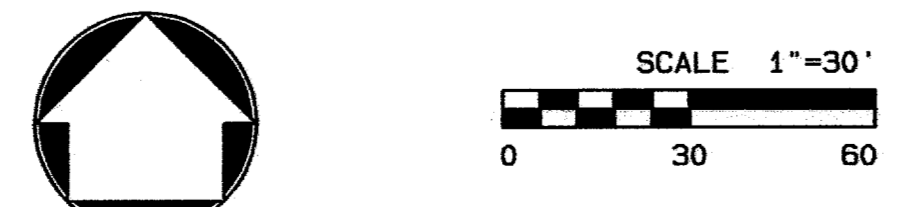
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INSTALLATION AND TESTING BY TRI DAL LTD.  
 540 Commerce  
 Southlake, Texas, 76092  
 www.tridal.com  
 817 481-2886 fax 817 481-8195

FIRE LEAD-INS DESIGNED BY EXCEL CONSULTANTS  
 5205 TACOMA  
 ARLINGTON, TX 76017  
 (817) 271-4344



CONTRACT NAME <b>Two Addison Circle 15725 North Dallas Parkway Addison TX. 75001</b>	TEXAS STATE LICENSE NO. SCR: 0415U
TRIDAL LTD. 540 Commerce Southlake, Texas, 76092 www.tridal.com 817 481-2886 fax 817 481-8195	FIRE LICENSE NO. FME-1229-U
DATE Fri Feb 29 10:58:30 2008	BY BRYCE, JAMES COLIN
SCALE AS SHOWN	DATE
DRAWING NO.	



**Two Addison Circle  
 15725 North Dallas Parkway  
 Addison TX. 75001**

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2007-10