RANGER FIRE, INC.
920 SOUTH MAIN STREET
SUITE 200
GRAPEVINE, TEXAS 76051
PHONE: 817-410-9070
TEXAS LICENSE: 0990

CONFIDENTIALITY STATEMENT

This drawing, the invention and design contained, is the property of Ranger Fire and is not to be used in connection with any work other than specified, nor reproduced or disclosed to others without the written permission of Ranger Fire. Visual contact with these plans shall constitute prima facie evidence of acceptance of these restrictions.

REV #	REVISIONS:	DATE:	BY

☐ AS-BUILT ☐ SUBMITTAL ☐ OTHER

SPRINKLERS

SYM	MAKE	MODEL	K	ORIFICE	THDS	FINISH	ESCUTCHEON	QTY
○	RELIABLE	F1 RES 49 PENDENT	SIN	.906	1/2"	155° WHITE	P2 RSC	1020
●	RELIABLE	F1 RES 4 HSW	R3516	4.9	1/2"	155° WHITE	P2 RSC	17
◆	RELIABLE	F1 RES 4 HSW	R3531	4.4	1/2"	175° CHROME	P2 RSC	4
◇	RELIABLE	FQOE QRT HSW	R3534	5.6	1/2"	200° CHROME	C2 RSC	9
▲	RELIABLE	F1 RES 4 HSW	R3531	4.4	1/2"	155° WHITE	P2 RSC	57
▽	RELIABLE	F1 RES 4 HSW	R3531	4.4	1/2"	175° CHROME	P2 RSC	4
○	RELIABLE	FPLR UPRIGHT	R1425	5.6	1/2"	200° CHROME	P2 RSC	178

TOTAL FOR THIS SHEET: 245

GENERAL CONTRACTOR:
- EMBARRY PARTNERS LTD — 1020 NE LOOP 410 STE 700 — SAN ANTONIO, TX — 210-824-6044
- EMBARRY PARTNERS LTD — 1020 NE LOOP 410 STE 700 — SAN ANTONIO, TX — 210-824-6044

OWNER: 178

C. ALEXANDER
DRAWN BY:
CHECKED BY:

DATE: 04-01-12

DWG #: FP 5 OF 30

CONTRACT # 11-055 | DESCRIPTION: 1st FLOOR

KELLER SPRINGS LOFTS
4800 KELLER SPRINGS PKWY
ADDISON, TEXAS 75001

RANGER FIRE

CONTRACT NAME:

SCALE: 1/8" = 1'-0"

AS-BUILT

I have reviewed these plans and certify that they comply with the adopted NFPA standards.

Ranger Fire, Inc.
1000 South Main Street
Suite 150
Grapevine, Texas 76051
Phone:817-410-9070
SCR- 0590

RME SIGNATURE: Matthew B. Claxton
PRINTED RME NAME: Matthew B. Claxton
RME NUMBER: 0778
DATE: 7-31-13

☒ AS-BUILT ☐ SUBMITTAL ☐ OTHER

RESIDENTIAL BUILDING INFO	
OCCUPANCY: R-2 / A-3	
GROSS BLDG AREA: 424,139 S.F.	
TYPE OF CONSTRUCTION: V-A	
GARAGE BUILDING INFO	
OCCUPANCY: S-2	
GROSS BLDG AREA: 181,834 S.F.	
TYPE OF CONSTRUCTION: 2-B	

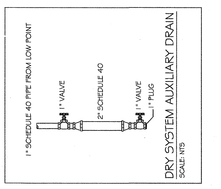
GENERAL NOTES:

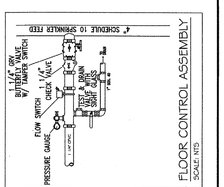
1. Ranger Fire's work shall consist of all necessary labor and material to design and install new automatic fire sprinkler systems in the referenced (9) Apartment Buildings and attached Parking Garage.
2. Ranger Fire excludes all electrical and ceiling work.
3. All design and installation shall conform to NFPA 13, 13R, 14, 20, & and the City of Addison requirements.
4. All material to be UL/FM approved for fire services.
5. All new plastic piping shall be Scheduled 40 CPVC with CPVC plastic fittings (u.o.n.). All steel piping shall be Black Sch. 10 with grooved fittings for the mains and Black Sch. 40 with threaded fittings for the branchlines.
6. Owner or tenant is responsible for maintaining adequate heat to prevent the system from freezing (Min. 40 degrees F.).
7. Sprinkler equipment room and equipment components shall be properly identified.
8. Install signage on sprinkler equipment room door stating "Sprinkler Valve Room" in at least 4 inches in height.
9. All hangers shall be in accordance with NFPA 13 requirements.
10. All systems shall be tested at 200 psi for 2 hours and witnessed by a representative of the Addison Fire Department. Any leaks shall be repaired.
11. The system has been hydraulically calculated per NFPA 13, 13R, & 20 requirements.
12. Install Black steel piping in Parking Garage.

LEGEND:

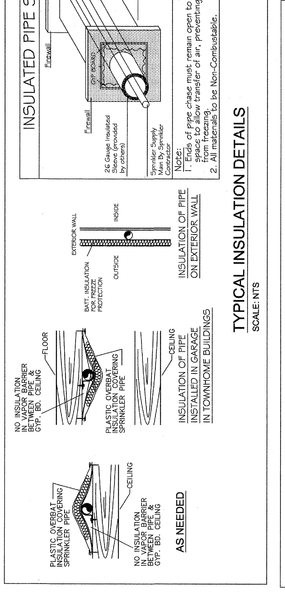
- SYSTEM RISER
- 4" X 2 1/2" X 2 1/2" F.D.C.
- VERTICAL PIPE (UP or DN)
- HYDRAULIC NODE POINT (BST)
- REMOTE AREA OUTLINE
- 2 1/2" HOSE VALVE
- BUTTERFLY VALVE
- HANGERS (SIZE VARIES)
- CEILING ELEVATION (12'-0")
- ℄ PIPE ELEVATION [20'-9]

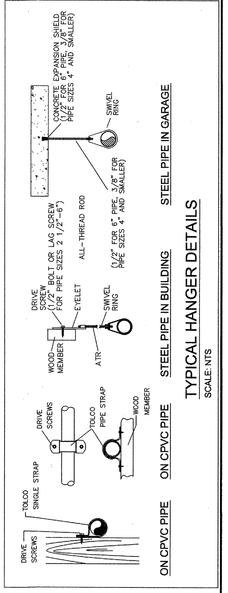
DRY SYSTEM AUXILIARY DRAIN
SCALE: NTS

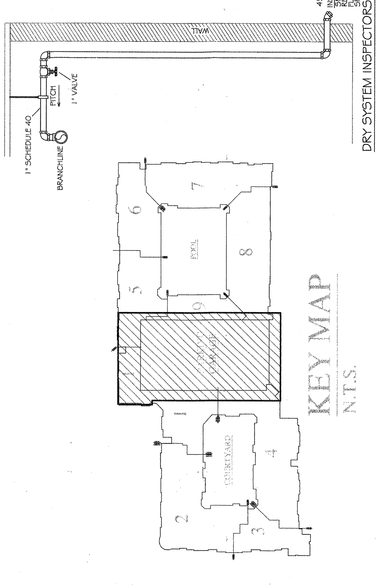


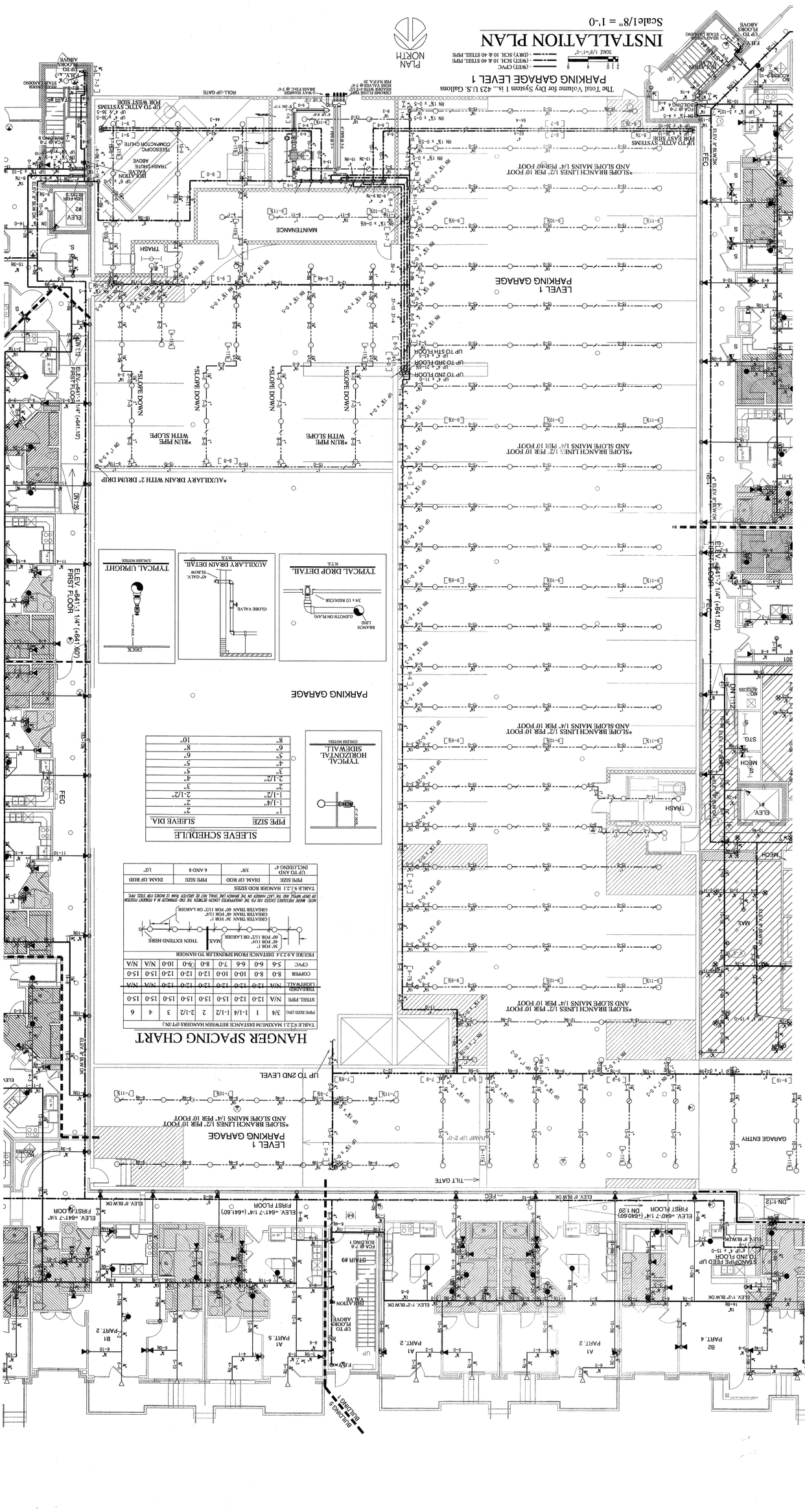


FLOOR CONTROL ASSEMBLY
SCALE: NTS








INSTALLATION PLAN
Scale:1/8" = 1'-0
PARKING GARAGE LEVEL 1
The Total Volume for Dry System 1 is... 423 U.S. Gallons
(WET) CPVC
(WET) SCH. 10 & 40 STEEL PIPE
(DRY) SCH. 10 & 40 STEEL PIPE
SCALE 1/8"=1'-0"
PLAN NORTH
LEVEL 1
PARKING GARAGE
*SLOPE BRANCH LINES 1/2" PER 10' FOOT AND SLOPE MAINS 1/4" PER 10' FOOT
*AUXILIARY DRAIN WITH 2" DRUM DRIP
*RUN PIPE WITH SLOPE
*SLOPE DOWN
*SLOPE DOWN TO AUX. DRAIN
MAINTENANCE
TRASH
ROLL-UP GATE
TILT GATE
RAMP UP 2'-0"
GARAGE ENTRY
UP TO ATTIC SYSTEMS FOR EAST SIDE
UP TO ATTIC SYSTEMS FOR WEST SIDE
UP TO 2ND LEVEL
UP TO 3RD FLOOR
UP TO 5TH FLOOR
UP TO ROOF
ELEV. =641'-11 1/4" (+641.10')
FIRST FLOOR
ELEV. =641'-7 1/4" (+641.60')
FIRST FLOOR
ELEV. =640'-7 1/4" (+640.60')
FIRST FLOOR
ELEV. 1'-2" BLW DK
ELEV. 8" BLW DK
2 HR FIREWALL
BUILDING 5
BUILDING 1
STAIR #8
STAIR #9
STAIR #10
STAIR #11
STAIR #12
STAIR #13
STAIR #14
STAIR #15
STAIR #16
STAIR #17
STAIR #18
STAIR #19
STAIR #20
STAIR #21
STAIR #22
STAIR #23
STAIR #24
STAIR #25
STAIR #26
STAIR #27
STAIR