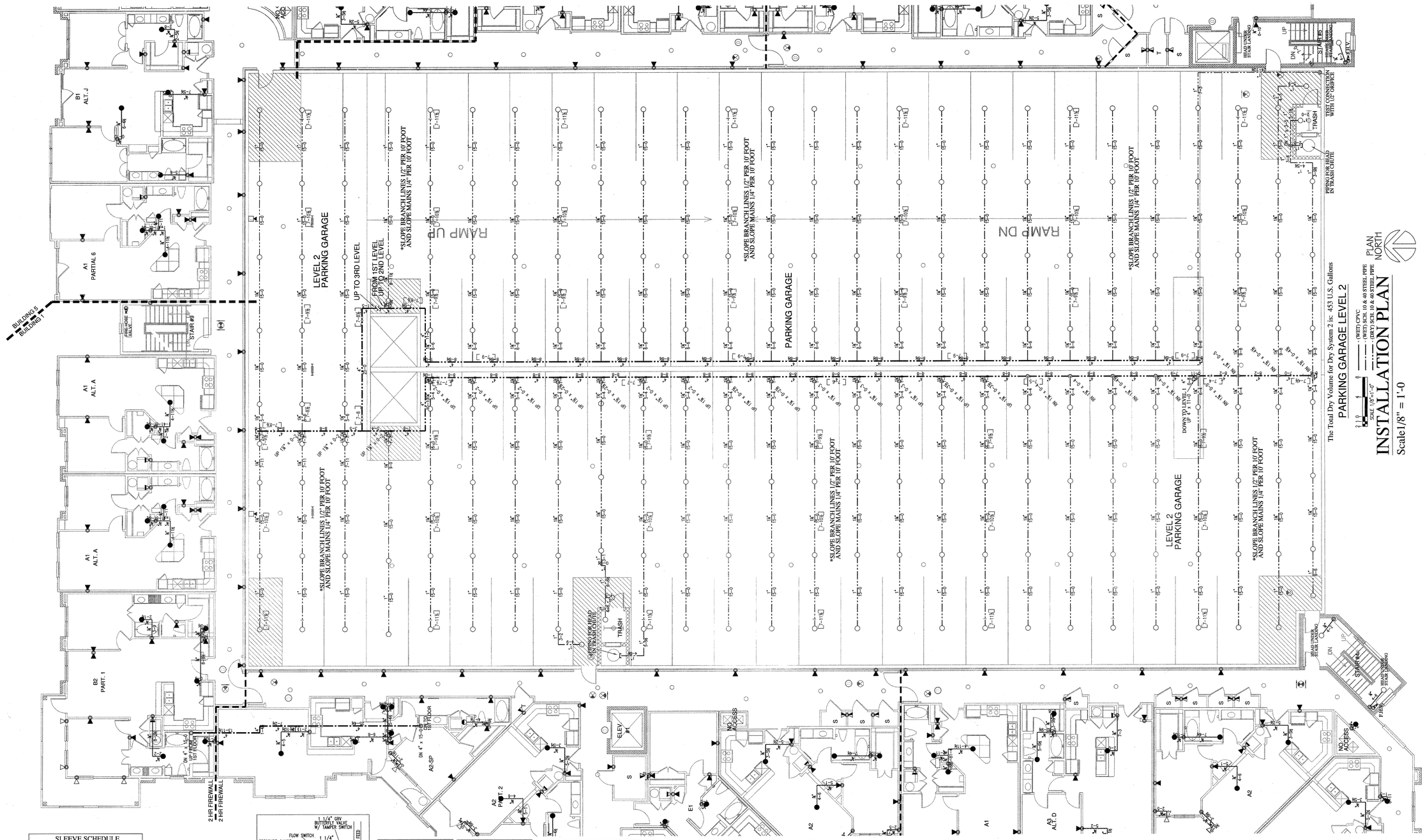


INSTALLATION PLAN

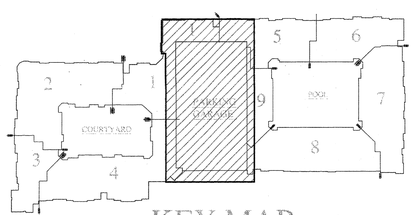
Scale1/8" = 1'-0

SPRINKLERS						
SYM	MAKE	MODEL	SIZE	ORIF	TEMP	FINISH
●	RELIABLE	F1 RSS 49 PENDENT	K4.9	1/2"	155°	WHITE
▼	RELIABLE	F1 RSS 44 HSW	K5.516	1/2"	155°	WHITE
▼	RELIABLE	F1 RSS 44 HSW	K5.516	1/2"	155°	WHITE
○	RELIABLE	F1 RSS 57PRSIDE	K4.2	1/2"	200°	BRASS
○	RELIABLE	F1 RSS 57PRSIDE	K4.2	1/2"	200°	BRASS

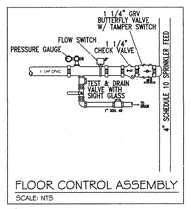
SYM	QTY PER AREA	DESCRIPTION
●	17	F2 ESC - 1000 NE LOOP 410, STE 100 - SAN ANTONIO, TX - 210-824-6044
▼	35	F2 ESC - 1000 NE LOOP 410, STE 100 - SAN ANTONIO, TX - 210-824-6044
▼	35	F2 ESC - 1000 NE LOOP 410, STE 100 - SAN ANTONIO, TX - 210-824-6044
○	215	NONE OWNER: - EMBREY PARTNERS LTD - 8000 MARBACH RD - SAN ANTONIO, TX - 210-824-6044
○		NONE

TOTAL FOR THIS SHEET: 271

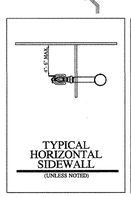
SLEEVE SCHEDULE	
PIPE SIZE	SLEEVE DIA.
1"	2"
1-1/4"	2"
1-1/2"	2-1/2"
2"	3"
2-1/2"	4"
3"	5"
4"	5"
5"	6"
6"	8"
8"	10"



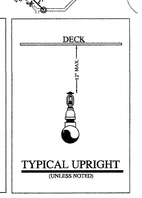
KEY MAP
N.T.S.



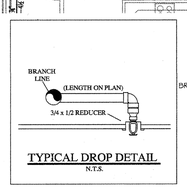
FLOOR CONTROL ASSEMBLY
SCALE: NTS



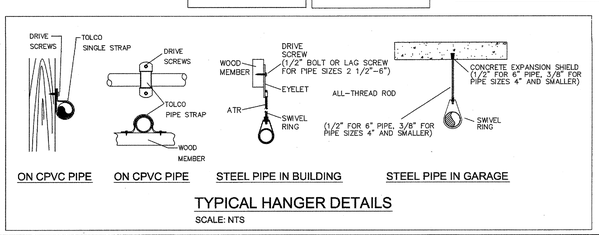
TYPICAL HORIZONTAL SIDEWALL
(UNLESS NOTED)



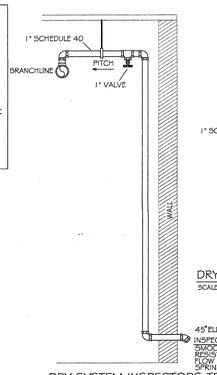
TYPICAL UPRIGHT
(UNLESS NOTED)



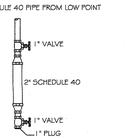
TYPICAL DROP DETAIL
N.T.S.



TYPICAL HANGER DETAILS
SCALE: NTS



DRY SYSTEM INSPECTORS TEST
SCALE: NTS



DRY SYSTEM AUXILIARY DRAIN
SCALE: NTS

LEGEND:

- SYSTEM RISER
- 4" X 2 1/2" X 2 1/2" F.D.C.
- VERTICAL PIPE (UP or DN)
- HYDRAULIC NODE POINT
- REMOTE AREA OUTLINE
- 2 1/2" HOSE VALVE
- BUTTERFLY VALVE
- HANGERS (SIZE VARIES)
- CEILING ELEVATION
- PIPE ELEVATION

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 Schedule 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 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, 14, & 20 requirements.
12. Install Black steel piping in Garage.

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

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

☒ AS-BUILT ☐ SUBMITTAL ☐ OTHER

AS-BUILT

RANGER FIRE, INC.
920 SOUTH MAIN STREET
SUITE 200
GRAPEVINE, TEXAS 76051
PHONE: 817-410-9070
TEXAS LICENSE: 0590

☐AS-BUILT ☐ SUBMITTAL ☐ OTHER

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REV #	REVISIONS:	DATE	BY

RANGER FIRE

KELLER SPRINGS LOFTS
4800 KELLER SPRINGS PKWY
ADDISON, TEXAS 75001

CONTRACT NAME:
DESCRIPTION: 2ND FLOOR
CONTRACT # 11-055

SCALE:	1/8" = 1'-0"
DRAWN BY:	C. ALEXANDER
CHECKED BY:	
DATE:	04-01-12
SHEET:	FP 10 OF 30