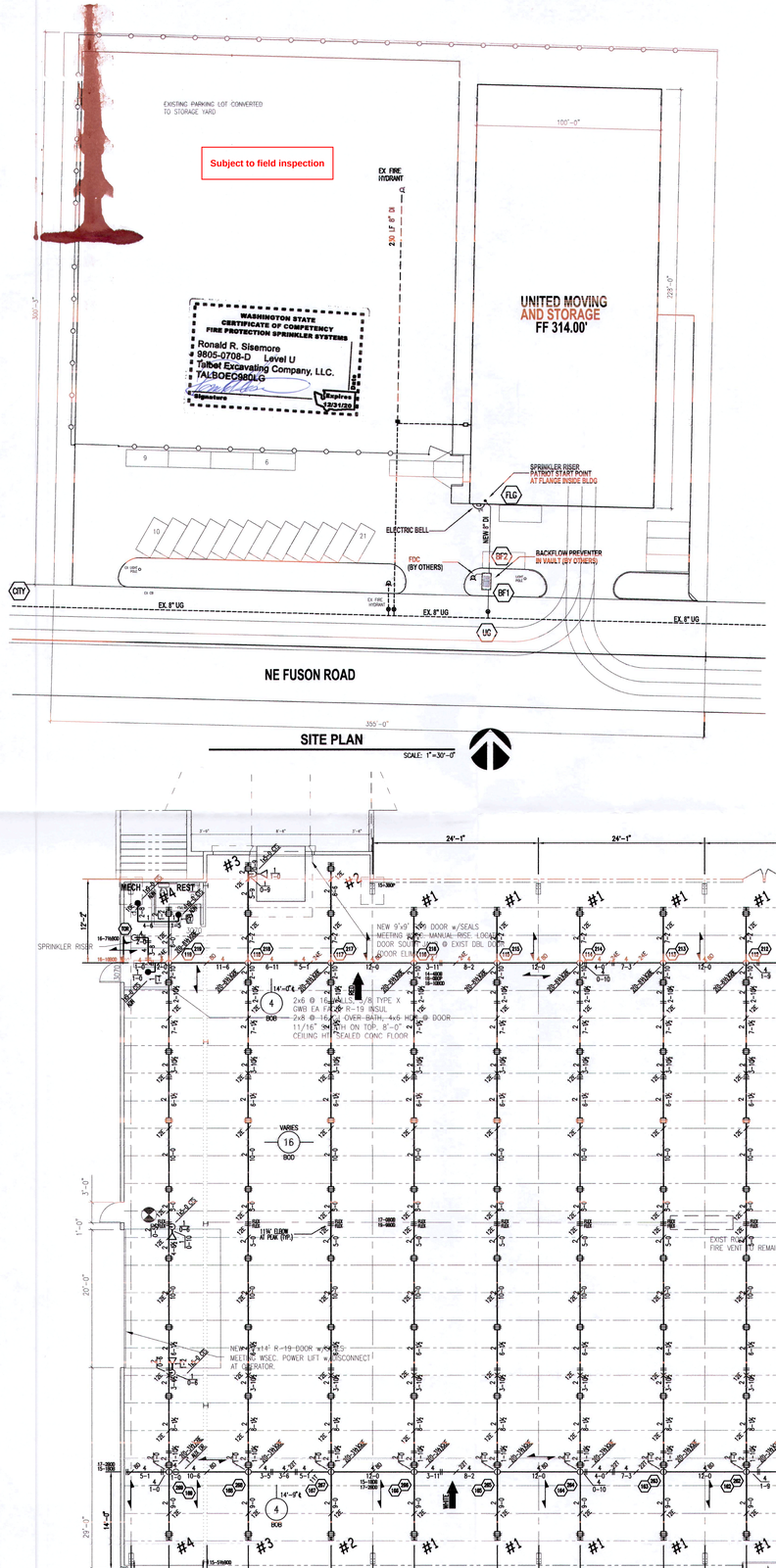
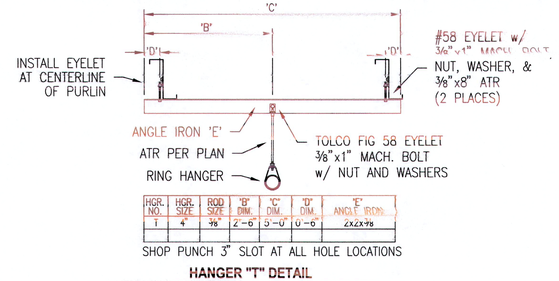


SITE PLAN

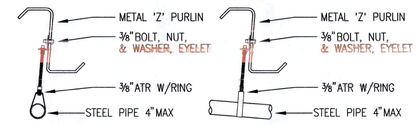
SCALE: 1"=30'-0"



HGR. NO.	HGR. SIZE	ROD SIZE	'B' DIM.	'C' DIM.	'D' DIM.	'E' ANGLE IRON
1	4"	3/8	2'-6	3'-0	0'-6	2X2X3/8

HANGER "T" DETAIL

NO SCALE



HANGER "E" DETAIL

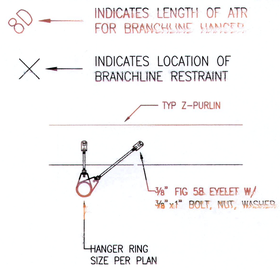
NO SCALE

FLOW TEST

STATIC	74 (62 ADJUSTED FOR SITE)
RESIDUAL	20
FLOW	2394
SOURCE	KITSAP
LOCATION	SR303 & FUSON RD
DATE	7/31/02

U.G. NOTES

1. THIS SITE PLAN IS FOR REFERENCE ONLY. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION.
2. ALL UNDERGROUND PIPING IS BY OTHERS.
3. UNDERGROUND INSTALLER MUST HOLD STATE OF WASHINGTON LEVEL "U" LICENSE.
4. ALL UNDERGROUND PIPING TO BE INSTALLED, RESTRAINED, FLUSHED, AND TESTED PER NFPA 13 & 24.
5. MINIMUM BURY IS 4'-0".
6. PATRIOT START POINT AT FLANGE INSIDE BUILDING.

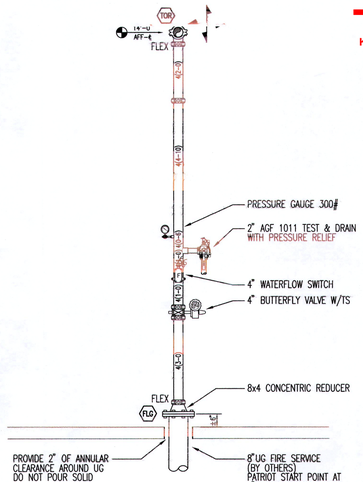


BRANCHLINE RESTRAINT MAXIMUM SPACING PER TABLE 9.3.6.4(a)

PIPE SIZE	Cp=0.655
1"	36' O.C.
1¼"	39' O.C.
1½"	41' O.C.
2"	45' O.C.

LINE RESTRAINT DETAIL

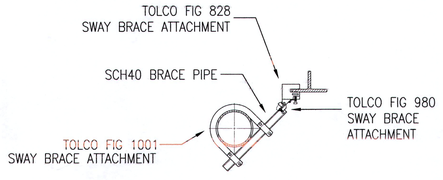
NO SCALE



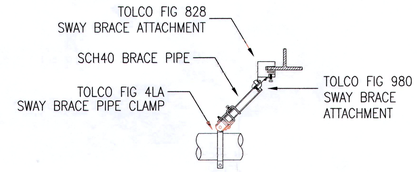
A FP1

RISER DETAIL

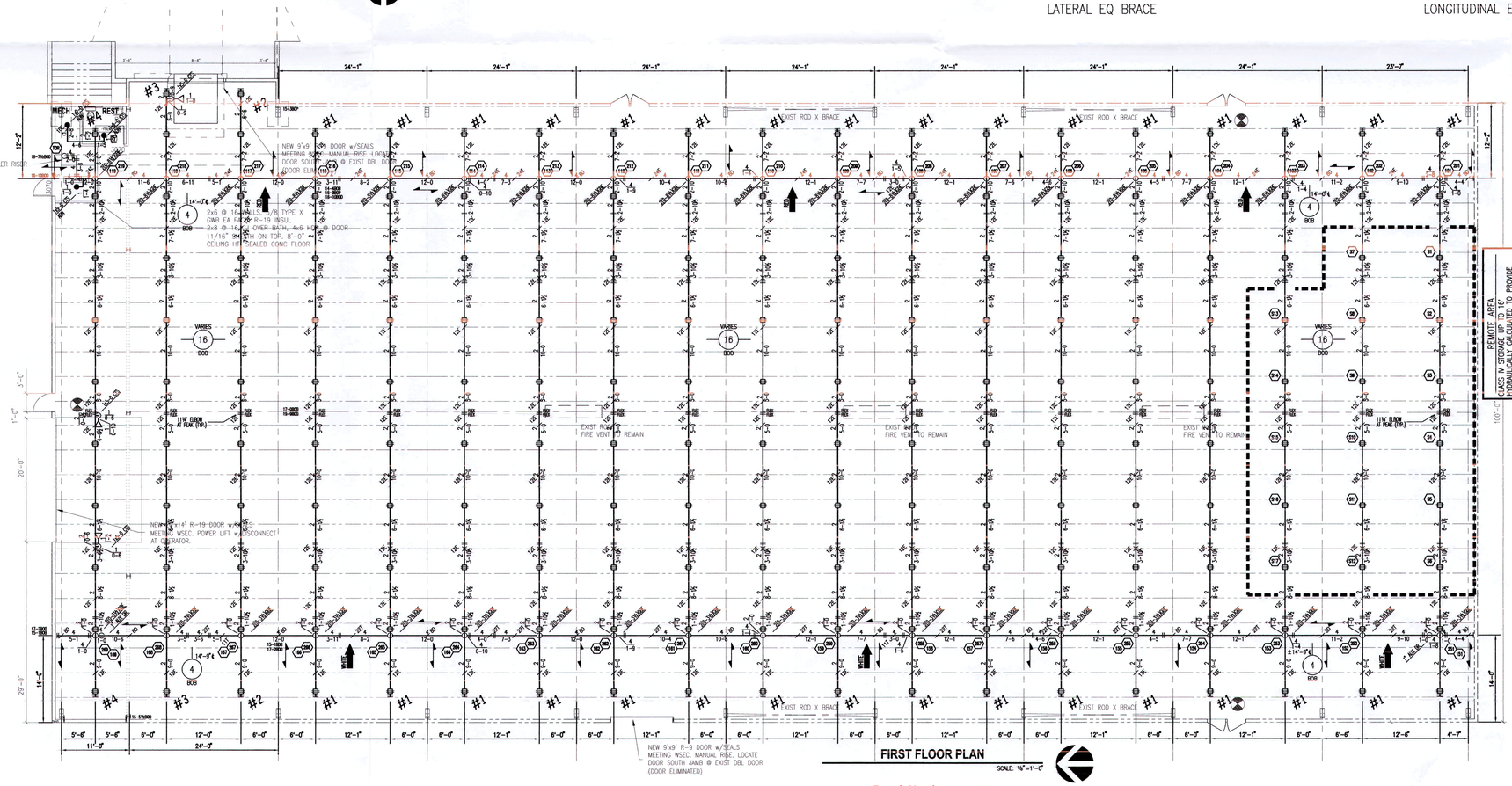
SCALE: ½"=1'-0"



LATERAL EQ BRACE



LONGITUDINAL EQ BRACE



FIRST FLOOR PLAN

SCALE: ⅛"=1'-0"

Permit Number: 20-03749

Reviewed for Code Compliance
Kitsap County Building Department
Kitsap County Fire Marshal

HANGER LEGEND

A	"U" HOOK
B	COACH SCREW ROD
D	BM. CLAMP W/ "STRAP
E	EYELET
F	FLUSH SHELL
G	CEILING FLANGE
H	SIDE BEAM BRACKET
K	SHORT CLIP
M	ALL THREAD ROD
N	TOGGLE NUT
P	POWDER DRIVEN STUD
R	EXPANSION BOLT
S	PIPE SPIKE
T	TRAPEZE
U	
V	
W	
X	
Y	
Z	

APPROVAL REQUIRED
KITSAP COUNTY

TEMP RATING
SPRINKLER: 165° 212° 286° 360° 500°
ORIFICE: 1/2" 17/32" 1/4" 1" 1 1/2"
SPRING: STD. INTER. HIGH
SPRING DOWN: 1/2" 1" 1"

FITTING LEGEND

P	PIPE-O-LET
SN	GROOVED SHAPED NIPPLE
TSN	THREADED SHAPED NIPPLE
ADN	ADJUSTABLE DROP NIPPLE
FLG	FLANGE
RC	REDUCING COUPLING
	STRUCTURE TO CENTER LINE OF PIPE IN INCHES
	2 - WAY EARTHQUAKE BRACE
	4 - WAY EARTHQUAKE BRACE

SPRINKLER LEGEND

ORIFICE SIZES	SPRINKLER ORIFICE SIZES AND TYPE	ORIFICE	TEE SIZE
½ ⅝ ¾ 1 1¼	SPRAY	½	1 1/2"
½ ⅝	SPRAY	¾	1"
½ ⅝ ¾ 1	SIDEWALL	½	1 1/2"
1"	DRY TYPE	1	1"

SPRINKLER HEAD LEGEND

SYM	MANUF.	MODEL	SIN#	TYPE	HEAD WRENCH	THREAD SIZE	ORIFICE SIZE	HEAD FINISH	ESCUTCH FINISH	TEMP	QTY
⊕	RELIABLE	G	R1027	550	D	¾"	K=8.2	BRONZE	–	286°	192
◁	RELIABLE	G	R1126	HORZ. SIDEWALL	D	½"	K=5.60	BRONZE	–	165°	3
●	RELIABLE	F1FR56	0A1414	RECESSED PENDENT	QR2	½"	K=5.6	CHROME	CHROME	155°	3
									TOTAL		198

STATE CERTIFICATION

QUALITY CONTROL BY: DH DATE: 10.04.19
APPROVED FOR FABRICATION BY: DATE:

GENERAL NOTES

1. ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED.
2. PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS & DIMENSIONS SHOWN TRUELY (T-T) WHICH ARE END TO END.
3. EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2013 EDITION.
4. PIPE HANGERS AND METHOD OF HANGING TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2013 EDITION.
5. PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2013 EDITION
6. JOINING OF PIPE AND FITTINGS, BRAZED & WELDED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2013 EDITION.
7. ENTIRE TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
8. ALL WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE PROVIDED BY OTHERS.
9. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.
10. FLUSHING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.

DESIGN CRITERIA

1. CLASS IV STORAGE UP TO 20' HIGH USING HIGH TEMP SPRINKLERS = .295/2000
   DENSITY REDUCTION FOR 16' MAX. HIGH STORAGE PER 14.2.4.3
   DESIGN DENSITY = .2124/2000

PIPE NOTES

1. ALL WELDED PIPE TO BE SCH.10 BLACK.
2. ALL THREADED PIPE TO BE SCH.40 BLACK.

REVISIONS

NO	DATE	BY	DESCRIPTION

CONTRACT WITH:
FPH CONSTRUCTION
2540 CASCADES PASS BLVD, STE 200
BREMERTON, WA 98312
KERRY CHAMBERLIN 360.509.4626

PROJECT NAME:
UNITED MOVING
1740 NE FUSON ROAD
BREMERTON, WA 98311

PATRIOT FIRE PROTECTION, INC.
2707 70TH AVENUE EAST
TACOMA, WA 98424
PATRIFP099CF
WWW.PATRIOTFIRE.COM
RONS@patriotfire.com
TEL: (253) 926-2280
FAX: (253) 922-6150

DESIGNER	RON SHEARER	SHEET	FP1
DATE	10.04.19	1 OF 1	
JOB NO.	11-2193		