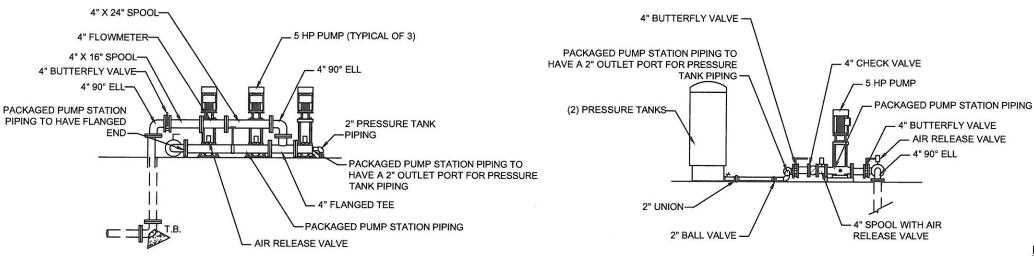


ELEVATION \bigcirc \bigcirc \bigcirc SCALE: 1/4"= 1'-0"



(HOROZONTAL) BEARING AREA OF THRUST BLOCKS IN SQUARE FEET									(VERTICAL) VOLUME OF THRUST BLOCK IN CUBIC YARDS			
FITTING SIZE	TEE, WYE, DEAD END, AND HYDRANT	STRADDLE BLOCK	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN		45° BEND	22-1/2* BEND	11-1/4* BEND	90° BEND	45° BEND	22-1/2* BEND	11-1/4 BEND
				A-1	A-2	DEIND	DENU	DENU	BEIND	BEND	BEIND	BEND
4	1.0	1.6	1.4	1.9	1.4	1.0	-	I	-	-	-	_
6	2.1	3.7	3.0	4.3	3.0	1.6	1.0	_	1.3		-	-
8	3.8	6.5	5.3	7.6	5.4	2.9	1.5	1.0	2.3	1.1	_	-
10	5.9	10.2	8.4	11.8	8.4	4.6	2.4	1.2	3.7	1.8	_	_
12	8.5	14.7	12.0	17.0	12.0	6.6	3.4	1.7	5.5	2.8	1.2	-
14	11.5	-	16.3	23.0	16.3	8.9	4.6	2.3	7.6	3.9	1.7	-
16	15.0	26.1	21.3	30.0	21.3	11.6	6.0	3.0	9.9	5.1	2.3	0.9
18	19.0	-	27.0	38.0	27.0	14.6	7.6	3.8	-	-	-	_
20	23.5	40.8	33.3	47.0	33.3	18.1	9.4	4.7	-	-	-	_
24	34.0	58.8	48.0	68.0	48.0	26.2	13.6	6.8		_		_

ABOVE VOLUMES BASED ON TEST PRESSURE OF 150 PSI AND THE WEIGHT OF CONCRETE = 4050 POUNDS PER CUBIC YARD TO COMPUTE FOR DIFFERENT TEST PRESSURES, USE THE FOLLOWING EQUATION:

VOLUME = (TEST PRESSURE / 150) x (TABLE VALUE)

















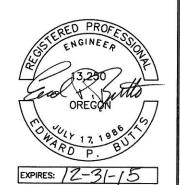
NOTES: 1. CONCRETE BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.

- 2. ALL CONCRETE TO BE CLASS 2400 MINIMUM.
 3. INSTALL ISOLATION MATERIAL BETWEEN PIPE AND/OR FITTINGS BEFORE POURING CONCRETE BLOCKING.
 4. CONCRETE SHALL BE KEPT CLEAR OF ALL JOINTS AND ACCESORIES.

THRUST BLOCK DETAIL SCALE: NTS

NOTE: EXTERIOR PIPING DESIGNED BY





SHEET:

APARTMENTS

RIDGE

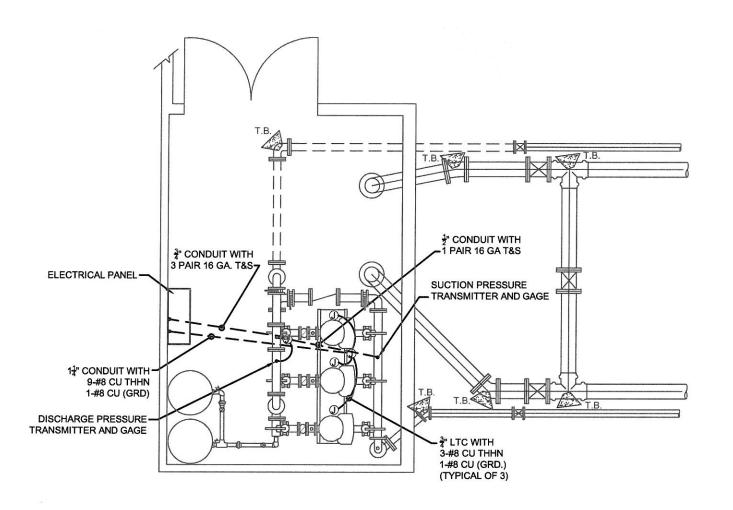
RIVER

PREPARED FOR: MULTI-TECH ENGINEERING

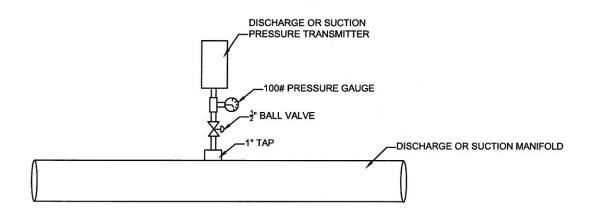
DESIGN: EDWARD P. BUTTS, P.E. DRAWN: BROOKE SALTARELLO DATE: APRIL 17, 2015 DRAWING: SCALE: AS SHOWN

REVISIONS:

Date

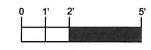


ELECTRICAL PLAN SCALE: 1/4"= 1'-0"



TYPICAL PRESSURE TRANSMITTER AND GAUGE ASSY. SCALE: NTS

NOTE: EXTERIOR PIPING DESIGNED BY **OTHERS**



ELECTRICAL LEGEND:

SINGLE POLE SWITCH

3-WAY SWITCH

KEY OPER. SWITCH DUPLEX RECEPTACLE INSTALLATION HEIGHT=42" OFF FLOOR

(UNLESS OTHERWISE INDICATED) SPECIAL RECEPTACLE

MOTOR

WEATHERPROOF RECEPTACLE LF-1 LIGHTING FIXTURE-TYPE AS INDICATED

LIGHT FIXTURE-TYPE AS INDICATED

DESIGNATES SEAL-OFF

THERMOSTAT

1 P

PHOTOCELL

JUNCTION BOX

UNDER SLAB CONDUIT

EXPOSED OR OVERHEAD CONDUIT CONDUIT UP INTO EQUIP.

CAPPED CONDUIT END

LIQUITITE FLEXIBLE COND. LTC TWISTED AND SHIELDED CONDUCTORS

I.C. INSTRUMENTATION CABLE

APARTMENTS RIDGE RIVER

PREPARED FOR: MULTI-TECH ENGINEERING

DESIGN: EDWARD P. BUTTS, P.E. DRAWN: BROOKE SALTARELLO

DATE: APRIL 17, 2015

DRAWING:

SCALE: AS SHOWN

REVISIONS: Date

SHEET:



