

	DESIGN NOTES:	
	1. BUILDING STRUCTURE IS NON-COMBUSTIBLE CONCRETE AND STEEL CONSTRUCTION.	CHINN
ICH LINE RESTRAINT	2. SPRINKLER DEFLECTOR AND LOCATIONS SHALL BE DESIGNED IN ACCORDANCE WITH NFPA #13 - 2016.	SILLININ
	3. ALL SEISMIC BRACING AND HANGER ASSEMBLIES TO BE INSTALLED IN ACCORDANCE TO NFPA #13 - 2016. PER NFPA 13 SECTION 9.3.6.5 BRANCHLINES WITH HANGER RODS LESS THAN 6"SHALL NOT REQUIRE BRANCH LINE END OF	
0	LINE RESTRAINT AND LATERAL BRACES. 4. THREADED PIPE TO BE SCH-40 ANSI, ASTM A53, OR A135, BLACK WET SYSTEM.	18802 80th Avenue S Kent, WA 98032
0	- ROLL GROOVED PIPING: 1.5" TO 4' - SCH 10, ANSI/ASTM A795, BLACK WET SYSTEM	Phone: (425) 203-9800 Fax: (425) 203-9801
NNECTION	- ROLL GROOVED PIPING: 6" & 8" - SCH 10, ASTM A-135, BLACK WET SYSTEM 5. THREADED PIPE TO BE SCH-40 ANSI, ASTM A53, OR A135, GALV. DRY SYSTEM.	WA CL# SHINNMI060QP
NNECTION	- ROLL GROOVED PIPING: 1.5" TO 4' - SCH 10, ANSI/ASTM A795, GALV DRY SYSTEM	www.shinnmechanical.com
NT	- ROLL GROOVED PIPING: 6" & 8" - SCH 10, ASTM A-135, GALV DRY SYSTEM 6 THREADED FITTINGS TO BE DUCTILE/MALLEABLE IRON, 125#	
E (PIV)	- GROOVED FITTINGS - VICTAULIC FIRELOCK OR EQUAL - WELDED OUTLETS - BY MERITS OR EQUAL	
	7. WORKING PRESSURE: - ALL PIPE FITTINGS TO BE LISTED FOR PRESSURES OVER 200 PSI	PROJECT:
N PIPING (SITE PLAN)	- SCH. 10 & 40 PIPE RATED FOR 300 PSI - FIRELOCK FITTINGS & COUPLINGS ARE RATED FOR 365 PSI	PIERCE COLLEGE
G BY OTHERS (SITE PLAN)	8. A REMOTE F.D.C. IS PROVIDED AND INSTALLED BY OTHERS	PUYALLUP NEW
G BY SHINN MECH. (SITE PLAN) ABOVE FINISHED	9. LIGHT HAZARD OCCUPANCY (0.1/1500) - CLASSROOMS, OFFICES, RESTROOMS, CORRIDORS/HALLWAYS, CONFERENCE ROOMS, LOUNGE & ATTIC SPACE.	STEM BUILDING
	10. OH GR 1 (0.15/1500) MECHANICAL ROOMS	1601 39th AVE SE Puyallup, WA 98374
W POINTS	11. OH GR II (0.2/1500) - LAB SPACES	
	12. A REDUCTION IN THE REMOTE AREA IS USED WHERE Q.R. SPRINKLER HEADS ARE INSTALLED	
INSTALL NEW WET AND DRY	DESIGN CRITERIA: PER NFPA 13 (2016), AND CITY OF PUYALLUP FIRE MARSHAL.	
STANDPIPES BASED ON, NFPA 14 BOVE FINISHED FLOOR IN THE	1LEVEL 0 - BOILER ROOM	
	ORDINARY GROUP I HAZARD DESIGN DENSITY: 0.15 GPM / 1500 SF WET SYSTEM, QR HEADS	
(BY OTHERS)	DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1 -3 * 10 / 2 + 55 = 40% REDUCTION, 1500 SF * 40% = 600 SF 1500 SF - 600 SF = 900 SF	CONTRACTOR:
CONTRACTOR TO BE STATE DERGROUND PIPING PER WAC	2LEVEL 1 - FAB LAB	Absher Construction
	ORDINARY GROUP II HAZARD DESIGN DENSITY: 0.20 GPM / 1500 SF WET SYSTEM, QR HEADS	P.O. Box 280
ER SECTION 212.80.18 OF THE AC)	DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1 -3 * 15 / 2 + 55 = 33% REDUCTION, 1500 SF * 33% = 495 SF	Puyallup, WA 98371 PRECON DIRECTOR Blaine Wolfe
LY THRUST BLOCKED PER NFPA T LINE.	1500 SF - 495 SF = 1005 SF 3LEVEL 1 - CLOSELY SPACED HEADS	Phone: (253) 845-9544
VORK STARTS AT 12" ABOVE	LIGHT HAZARD DESIGN DENSITY: 0.10 GPM / 7 HEADS	
	WET SYSTEM 4LEVEL 1 - CLASSROOM 101 / 102	
IS:	LIGHT HAZARD DESIGN DENSITY: 0.10 GPM / 1555 SF	
CAP) AND OR PLASTIC BAGS ON ALL COLLISION BY OTHER TRADES AND	WET SYSTEM, QR HEADS DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1 -3 * 15 / 2 + 55 = 33% REDUCTION, 1500 SF * 33% = 495 SF	KEY PLAN:
CTION MEASURES TO BE REMOVED CE.	1500 SF - 495 SF = 1005 SF 5LEVEL 2 - EAST ENTRY - HIGH BAY AREA	
	LIGHT HAZARD DESIGN DENSITY: 0.10 GPM / 1335 SF	
	WET SYSTEM 6LEVEL 2 - GENERAL BIOLOGY LAB	
ESIGNED, INSTALLED & TESTED IN DITION, AS AMENDED BY THE STATE	ORDINARY GROUP II HAZARD DESIGN DENSITY: 0.20 GPM / 1005 SF	
FIRE DEPT. INSTALLED SHALL BE UL LISTED OR	WET SYSTEM, QR HEADS DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1 -3 * 10 / 2 + 55 = 40% REDUCTION, 1500 SF * 40% = 600 SF	REVISIONS:
	1500 SF - 600 SF = 900 SF	7-11-23 FM 1 Review-Notes
ENSURE THAT THE STRUCTURE CAN ER PIPE AND SEISMIC LOADS.	7LEVEL 2 - CLASSROOM 201 / 202 LIGHT HAZARD DESIGN DENSITY: 0.10 GPM / 1555 SF	added
ING TEMPERATURES ABOVE 40°F TO EM FROM FREEZING, FIRE	WET SYSTEM, QR HEADS DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1 -3 * 15 / 2 + 55 = 33% REDUCTION, 1500 SF * 33% = 495 SF	2 Review-Notes added
E CENTRAL HEATING SYSTEM	1500-SE-495-SE=1005-SE	∧ 3-26-24 Added
L BE LISTED IN ACCORDANCE WITH	8LEVEL 2 - EAST DOOR OVER HANG LIGHT HAZARD DESIGN DENSITY: 0.10 GPM / FULL SYSTEM	3 Anti-freeze system
MENT, WIRING AND SERVICES TO BE	ANTI-FREEZE SYSTEM 51.76 GAL. TOTAL 9LEVEL 3 - ORGANIC CHEMISTRY LAB	
N ON THE DRAWINGS	9LEVEL 3 - ORGANIC CHEMISTRY LAB ORDINARY GROUP II HAZARD DESIGN DENSITY: 0.20 GPM / 976 SF	
EM (BY OTHERS)	WET SYSTEM, QR HEADS DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1	AHJ:
ATICALLY TESTED AT 200PSI OR 50 R IS GREATER FOR 2 HRS.	-3 * 10 / 2 + 55 = 40% REDUCTION, 1500 SF * 40% = 600 SF 1500 SF - 600 SF = 900 SF	CITY OF PUYALLUP
LERS TO BE LOCATED AT LEAST 12" WAY FROM LIGHTS (0-250W)	10LEVEL 3 - EARTH SCIENCE LAB B ORDINARY GROUP II HAZARD	
PROVIDED WITH A HANGER	DESIGN DENSITY: 0.20 GPM / 976 SF WET SYSTEM, QR HEADS DESIGN AREA REDUCTION PER NFPA 13 (2016) SECTION 11.2.3.2.3.1	NICET STAMP:
OR/EXTERIOR HORN & STROBE. ALL YS BY A CENTRAL STATION (BY	-3 * 10 / 2 + 55 = 40% REDUCTION, 1500 SF * 40% = 600 SF 1500 SF - 600 SF = 900 SF	FPET NICET #106245 LEVEL IV, MSME
VIDED & LOCATED ON SIDE OF	11LEVEL 4 - MECHANICAL PENTHOUSE ORDINARY GROUP 1 HAZARD	CERTIFICATE OF COMPETENCY FIRE PROTECTION SPRINKLER SYSTEMS Hussein A. A. Huballa
OTHERS) IEADS TO BE CENTER OF 2X2 TILES.	DESIGN DENSITY: 0.15 GPM / 418 SF WET SYSTEM	8321-1119-C Level 3 Shinn Mechanical, Inc. SHINNMI060QP
		03/26/2024 Signature Date 12/31/24
DETAIL		DATE: 03/26/2024
DETAIL R 00 & DETAILS R 01		JOB NUMBER: 22-3688
R 02 R 03 PLAN	Heavenly Hands Ferrucci Jr High	DESIGNER: Ben Bernard PM:
	Pierce College Health Education Wildwood Park Dr 22	· · ····
TILITIES COMPUTER MODEL	Center College Way	
	Arts and Allied Arts arts and Allied Arts arts arts arts arts arts arts arts a	
	Manorwood Dr	SITE PLAN AND NOTES
OTAL FOR ALL PAGES	Pierce College Drouillet	
ACTOR THR TEMP FINISH QTY	Puyallup Parking Lot A D Anatural & Social	
5.6 1/2" 155°F BRONZE 309 8.0 3/4" 155°F CHROME 165	Science Division	
5.6 1/2" 155°F CHROME 228 5.6 1/2" 155°F CHROME 8	Employee Parking of Pa	FP-0.0
2.8 1/2" 200°F CHROME 4 5.6 1/2" 155°F BRONZE 11	Ave SE 39th Ave SE 39th Ave SE 39th Ave SE	
5.6 1/2" 155"F BRONZE 11 TOTAL 725		











