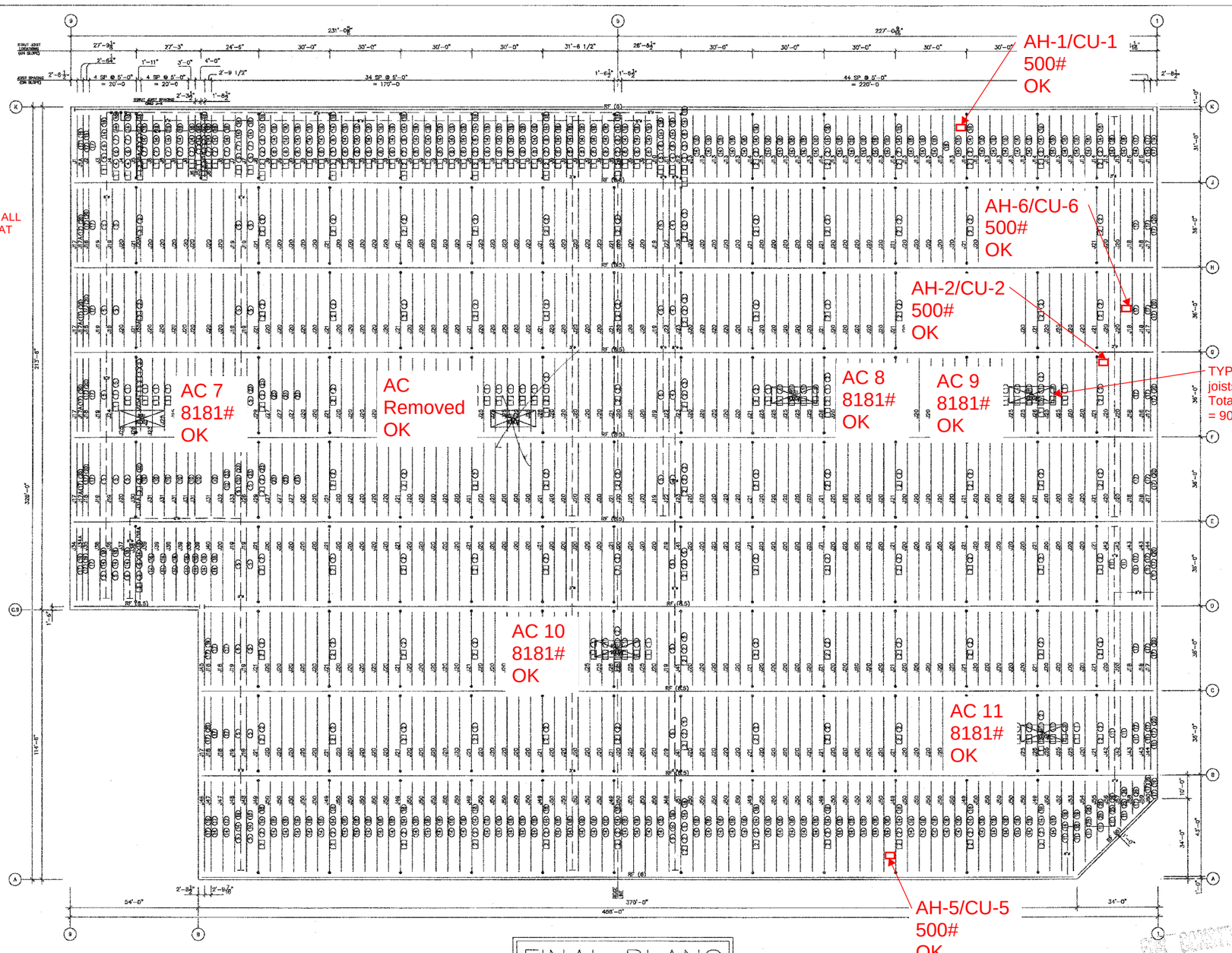
City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

Reviewed 2/15/2022 DLSubject to field inspectors approvals.

THE APPROVED CONSTRUCTION PLANS AND ALL DOCUMENTS MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.



SPECIAL DRAWING NOTES:

1 = 100% STRESS REVERSAL.
2 = MINIMUM BOTTOM CHORD MATERIAL = 2.5" x 2.5" x .25" NO FILLS WITHIN 1'-0 FROM END OF BOTTOM.

SPECIAL JOIST LOADS:

No.	Cat	T/B	Type	Dir	Load1	Dist1	Load2	Dist2	Ref	Remarks
1	DL	T	ConV	Y	3800	30% load per joist			L	(2;1950#) RTU
2	DL	B	Dist	X	33900				L	STRUT
	WL	B	Dist	Y	31100				L	STRUT
3	DL	T	Uni	Y	35		35		L	8" PIPE
4	DL	T	Uni	Y	70		70		L	8"+8" PIPE
5	DL	T	Uni	Y	22		22		L	6" PIPE
6	DL	T	ConV	Y	2080				L	(4;520#) PIPE
7	DL	T	ConV	Y	1560				L	(3;520#) PIPE
8	DL	T	ConV	Y	1040				L	(2;520#) PIPE
10	DL	T	ConV	Y	325				L	6" PIPE
11	DL	T	ConV	Y	175				L	SMALL PIPES
14	SL	T	Uni	Y	0	4'-8"	104	0"	R	DRIFT(Main)
17	WL	T	Uni	Y	-220		-220		L	Full Strip Uplift
18	WL	T	Uni	Y	-101	10'-0"	-101	0"	R	Addnl Strip Uplift
19	SL	T	Uni	Y	0	2'-11"	64	0"	R	Corner Drift (Main)
	SL	T	Uni	Y	40		40		L	Side Drift
20	SL	T	Uni	Y	40		40		L	Uniform Drift Load
23	SL	T	Uni	Y	207		207		L	Condenser Drift
25	WL	T	Uni	Y	-76	14'-2"	-76	0"	R	Addnl Strip Lift (Skew)
28	SL	T	Uni	Y	104		104		L	Skew Drift

OTHER DRAWING NOTES:

1. SEE SHEET J1.0 FOR ERECTION NOTES.
2. TOP END OF ALL JOIST (U.N.O.) IS TOWARD THE BOTTOM SHEET, NOTED OTHERWISE AT BAY A-B AND BAY D-E, OF JOIST TOWARD THE TOP OF THIS SHEET.
   X INDICATES TAGGED END
   JOISTS:
   JOIST FLANGE WIDTHS = 5 1/2" MIN. TO 8 1/2" MAX.
   JOIST FLANGE WIDTHS = 5" MIN. TO 6" MAX.
   BRIDGING FLANGE WIDTHS = 6"
3. [illegible] INDICATES SPRINKLER MAIN
   SPRINKLER MAIN WEIGHTS: 4"ø = 17 PLF; 6"ø = 32 PLF; 8"ø = 54 PLF
   "SPRINKLER MAINS MUST BE CENTERED BETWEEN JOIST."
4. STRUT LOADS:
   INDICATES STRUT JOIST WITH BOTTOM CHORD EXTENSIONS.
   BOTTOM CHORD OF STRUT JOIST IS TO HAVE A MINIMUM AREA = 2.38 sq.in., MINIMUM THICKNESS = 3/16 in. MINIMUM CHORD REQUIREMENTS CONTROL ANGLE SIZE.
   ALL STRUT JOIST DESIGNED FOR 33 KIPS BOTTOM CHORD AXIAL LOAD.
5. DESIGN LOADS:
   LIVE LOAD = 25 PSF (LIVE LOAD)
   DEAD LOAD = 1.5 PSF (ROOF)
   DEAD LOAD = 2.5 PSF (JOIST & BRIDGING BY SMI)
   COLLATERAL LOAD = 8.0 PSF OR (6.5 + SPRINKLER LOAD)
   GROSS WIND UPLIFT = 26.3 PSF (TYP. U.N.O.)
   GROSS WIND UPLIFT = 48.3 PSF (AT 10'-0" EDGE ZONES)
   NET WIND UPLIFT = 33.3 PSF (TYP. U.N.O.)
   NET WIND UPLIFT = 43.3 PSF (AT 10'-0" EDGE ZONES)
   "INCREASE ALL DESIGN LOADS BY 1.5%"
6. DESIGN NOTES:
   NET UPLIFT = -119 PLF
   TOP CHORDS ARE LATERALLY SUPPORTED BY THE DECK FOR DEAD PLUS LIVE LOADS ONLY.
   TOP CHORDS ARE UNSUPPORTED IN UPLIFT CONDITIONS ONLY.
   1/3 STRESS INCREASE IN WIND & SEISMIC STRESSES ALLOWED.
   DEFLECTION = L/240
   JOIST PANELS TO ALIGN PER BAY.
   HOLD DEFAULT END PANELS FOR NON-STRUT JOIST FOR BOX LENGTH.
   ALL JOIST ARE 24" DEEP.
   ALL JOIST SEATS TO BE 2 1/2" DEEP, 4" LONG, AND BOLTED.(U.N.O.)
   NO BOLTING @ SKEWED FRAME, WELD SEATS.
   ALL SEAT SLOTS TO BE 9/16" x 2" LONG W/3 1/4" GAUGE.
   ALL BRIDGING IS TO BE BOLTED.(OR FIELD WELDED AS NEEDED)
7. JOIST LOADING:
   UNITS = PLF TOTAL LOAD/LIVE LOAD/UPLIFT
   TYPICAL JOIST TYPE IS, 24KS192/127/-119

APPROVER:
ALL CLOUDED AREAS SHOWN AS "SUPPLY" OR "VERIFY" ON THE DRAWINGS ARE ESSENTIAL TO SMI JOIST FOR MEETING DELIVERY SCHEDULES. FAILURE TO SUPPLY INFORMATION WILL CAUSE DELAYS IN RELEASING THE JOB FOR PRODUCTION. THOSE AREAS TO BE VERIFIED THAT ARE NOT MARKED SHALL BE ASSUMED TO BE CORRECT AS SHOWN. ALSO, CHANGES MADE AFTER THE APPROVED DRAWINGS HAVE BEEN RECEIVED BY SMI JOIST WILL CAUSE FURTHER DELAYS IN THE JOB SCHEDULE.

SMI JOIST-AR
3565 Hwy 32 North
Nups, AR 71801
(800)643-1577

SMI JOIST-SC
550 Tayler Street
Conyon, SC 29033
(800)763-0026

SMI JOIST-FL
RT. 5 BOX #2
Starke, FL 32091
(800)706-6478

SMI JOIST-NV
8200 Woolery Way
Fernley, NV 89408
(888)643-1577

Job Name	COSTCO WHOLESALE (WE0010167-01,02)
Location	PUYALLUP, WA
Architect	
Customer	VARCO-PRUDEN BUILDINGS
Customer P.O. Number	

FOR INFORMATION CALL OR E-MAIL:
(877) 363-2086
frank.wood@cmcsg.com

Date: J2.0 OF 3
SMI JOB NO.: 22-00-0299

Drawing History

No.	Date	Description	Det	Chk
6				
5				
4				
3				
2				
1	7/00	Approval	FWW	SJ

FINAL PLANS
O.K. FIELD USE
DATE 8/22/00

ROOF JOIST ERECTION PLAN
MAIN BUILDING
~~SCALE: 1/16" = 1'-0"~~

21-027651
SK-1
Puyallup, WA (#660)
Location Sketch
12-14-21 MMH

S&S Pkg SPAN Rec'd 2021-12-15