SITE L	AYOUT PC	DINT SCHEDUL	E									PAVI	NG LAYOU [.]	T POINT SC	HEDULE		
1	N 5602.0807	E 4770.0222	101	N 5264.9757	E 4748.7946	201	N 5316.0085	E 4997.3674	301	N 5075.2626	E 4701.7249	374	N 5435.6600	E 4919.8716	474	N 5196.8406	E 4904.8344
2	N 5602.1025	E 4778.5222	102	N 5419.7491	E 4889.8346	202	N 5315.9765	E 4980.8635	302	N 5081.2419	E 4702.8255	375	N 5463.9649	E 4810.9240	475	N 5165.8720	E 4899.1935
3	N 5643.5046	E 4796.7731	103	N 5301.8454	E 4737.7122	203	N 5313.9726	E 49/8.86/4 E 4078 8771	303	N 5082.9264	E 4/20.1854 E 4718 0287	376	N 5467.0790	E 4811.1859	476	N 5165.4195	E 4904.5720
4 5	N 5606.7535	E 4786.5054	104 105	N 5254.8184 N 5252 4780	E 4737.7122 E 4764 8173	204	N 5306.9765	E 4978.8771 E 4980.8809	304 305	N 5083 9440	E 47 10.0207 E 4731 6445	378	N 5468 3206	E 4817 3116	477	N 5165.1643 N 5164 4732	E 4907.0038 E 4915 8207
6	N 5604.2930	E 4808.1170	105	N 5240.7897	E 4764.8322	206	N 5307.0084	E 4997.3674	306	N 5080.3843	E 4724.5636	379	N 5465.2065	E 4817.0496	479	N 5163.8649	E 4899.1935
7	N 5599.8108	E 4812.1058	107	N 5245.5822	E 4708.4092	207	N 5208.0085	E 4997.3674	307	N 5082.0887	E 4808.0926	380	N 5470.1802	E 4826.4862	480	N 5163.3976	E 4904.7489
8	N 5625.4460	E 4853.7970	108	N 5251.8863	E 4708.4448	208	N 5207.9717	E 4980.8413	308	N 5096.9670	E 4806.7909	381	N 5467.0661	E 4826.2243	481	N 5163.1424	E 4907.7827
9	N 5619.5048	E 4854.6349	109	N 5251.8665	E 4718.0948	209	N 5205.9679	E 4978.8452	309	N 5077.4005	E 4921.5410	382	N 5452.7003	E 4825.0157	482	N 5162.4521	E 4915.9876
10 11	N 5626.2377	E 4877.5602	110	N 5301.8454	E 4718.0936	210	N 5197.5072 N 5191 5071	E 4978 8643	310	N 5077.7388 N 5092 7111	E 4919.0420 F 4943 9689	384 384	N 5449.7003 N 5419 7003	E 4024.7033 E 4825 2570	403 484	N 5120 6182	E 4699.1935 E 4908 4916
12	N 5628.0501	E 4890 4554	112	N 5279.8760	E 4731.0452	212	N 5182.9726	E 4978.8771	312	N 5091.2987	E 4901.0185	385	N 5449.7003	E 4827.7807	485	N 5120.8697	E 4911.4810
13	N 5622.3192	E 4892.2320	113	N 5245.5822	E 4731.0452	213	N 5180.9765	E 4980.8809	313	N 5099.3342	E 4900.3155	386	N 5452.7003	E 4828.0331	486	N 5122.9190	E 4935.8410
14	N 5637.1234	E 4910.3127	114	N 5226.0790	E 4722.9902	214	N 5181.0084	E 4997.3674	314	N 5096.1883	E 4862.4456	387	N 5467.6883	E 4829.2940	487	N 5117.8289	E 4899.1935
15	N 5632.0291	E 4913.4825	115	N 5245.5822	E 4748.7765	215	N 5100.0085	E 4997.3674	315	N 5091.2576	E 4862.8769	388	N 5470.8024	E 4829.5560	488	N 5118.6258	E 4908.6659
16 17	N 5640.1540	E 4951.9952	116 117	N 5317.4160 N 5367 3157	E 4708.8146 E 4755 1610	210	N 5100.0085 N 5097 0085	E 4901.0074 E 4978 8674	310	N 5137.4786 N 5137 7337	E 4910.0493 E 4921 0800	390	N 5469.2412 N 5489 9602	E 4631.1071 E 4834 1782	409 490	N 5110.0773 N 5120 8397	E 4911.0555 F 4934 9831
17	N 5623 0700	E 4949.5950 E 4968 6825	118	N 5211 4881	E 4753.1010 E 4723.0452	218	N 5085.7220	E 4978.8674	318	N 5178.8055	E 4924.5352	391	N 5471.4232	E 4832.6188	491	N 5111.4235	E 4825.9790
10	N 5627.7370	E 4972.4533	119	N 5240.2255	E 4725.2585	219	N 5085.7154	E 4984.6080	319	N 5179.6315	E 4914.5693	392	N 5468.3091	E 4832.3568	492	N 5101.6045	E 4826.8265
20	N 5562.8456	E 5007.5662	120	N 5343.3986	E 4772.7334	220	N 5078.7068	E 4984.6144	320	N 5185.9426	E 4899.1935	393	N 5452.7003	E 4831.0437	493	N 5103.7844	E 4851.7428
21	N 5564.3614	E 5013.3715	121	N 5388.0285	E 4773.7766	221	N 5078.7100	E 4978.8674	321	N 5185.6392	E 4902.8002	394	N 5449.7003	E 4830.7913	494	N 5113.6024	E 4850.8838
22	N 5518.1218	E 5007.2628	122	N 5446.1736	E 4779.9182	222	N 5077.5097 N 5062 5724	E 4970.0074 E 4993 8674	322	N 5165.4195 N 5165.8720	E 4904.5720 E 4899 1935	395 396	N 5419.7003 N 5473 2857	E 4828.2070 E 4841 8073	495 496	N 5114.0381 N 5104 2202	E 4800.8048 E 4856 7238
23 24	N 5510.5274 N 5548 0311	E 5013.0471 E 4754 0010	123	N 5406.9444 N 5425 7003	E 477956625	224	N 5062.5939	E 5011.7712	323	N 5036.2388	E 4854.1992	390 397	N 5470.1716	E 4841.5453	497	N 5107.8311	E 4886.5224
25	N 5551.0311	E 4757.9802	125	N 5425.7003	E 4831.7829	225	N 5038.8711	E 5011.7705	325	N 5036.2388	E 4898.0778	398	N 5476.1221	E 4854.9081	498	N 5116.6528	E 4885.7506
26	N 5551.0753	E 4770.2066	126	N 5425.7003	E 4848.4699	226	N 5038.9144	E 4986.0511	326	N 5097.0162	E 4872.4113	399	N 5473.1123	E 4855.1608	499	N 5116.9143	E 4888.7392
27	N 5542.5585	E 4765.5721	127	N 5425.7003	E 4865.1632	227	N 5037.5747	E 4981.0342	327	N 5097.5826	E 4879.3885	400	N 5496.5273	E 4862.2263	500	N 5108.0925	E 4889.5110
28	N 5542.6061	E 4778.7373	128	N 5255.9918	E 4772.0825	228	N 4991.0785 N 4080 7388	E 4900.5005 E 4895 5005	328	N 5098.2798	E 4887.3581 E 4805.3326	401	N 5477.9221 N 5477.0123	E 4863.7886 E 4864.0413	501 502	N 5108.8394	E 4909.5221 E 4912 5107
29 30	N 5482.7003 N 5476 6059	E 4765.5744 E 4781 8860	129	N 5263.8957 N 5269 9581	E 4701.0318 F 4749 2137	229	N 4989.7388	E 4769.3012	330	N 5098.9203 N 5075.8170	E 4895.3320 F 4827.9038	402	N 5452 7003	E 4865,9065	503	N 5109.1009 N 5110.6632	E 4930.3674
31	N 5482.7003	E 4781.5826	131	N 5274.9405	E 4749.6329	231	N 5018.1056	E 4735.9833	331	N 5074.2243	E 4809.9740	404	N 5449.7003	E 4866.1584	504	N 5108.7796	E 4931.7858
32	N 5494.2099	E 4787.5734	132	N 5284.9053	E 4750.4712	232	N 5034.9968	E 4733.2542	332	N 5085.9033	E 4944.5645	405	N 5419.7003	E 4868.6776	505	N 5107.1085	E 4912.6850
33	N 5525.4480	E 4793.7175	133	N 5294.6453	E 4751.2906	233	N 5037.5065	E 4730.0271	333	N 5170.8299	E 4923.9090	406	N 5419.7003	E 4871.6882	506	N 5106.8471	E 4909.6964
34	N 5565.9955	E 4798.0207	134	N 5308.5276	E 4791.7552	234	N 5035.4847	E 4707.2666	334	N 5092.0594	E 4936.5198	407	N 5449.7003	E 4869.1690	507	N 5105.1039	E 4889.7725
35	N 5567.9287	E 4803.7008 E 4805.2267	135	N 5316.1660 N 5381 1131	E 4784.4603 E 7008 3081	235	N 5014 5976	E 4695 9065	336	N 4990 5475	E 4950.0204 F 4896 4149	408	N 5475 5123	E 4867 0015	508	N 5104.8425	E 4856 8981
37	N 5551 6044	E 4800.5519	130	N 5330.7586	E 4908.1692	237	N 5010.9195	E 4654.5004	337	N 5082.1755	E 4711.7228	410	N 5478.5221	E 4866.7488	510	N 5101.7920	E 4851.9171
38	N 5514.4985	E 4808.6775	138	N 5464.7003	E 4870.9200	238	N 5028.5119	E 4662.6753	338	N 5003.1641	E 4743.3153	411	N 5497.2186	E 4865.1788	511	N 5099.6131	E 4827.0122
39	N 5512.5461	E 4814.3554	139	N 5470.7003	E 4870.4161	239	N 5031.3468	E 4660.6846	339	N 5032.9145	E 4986.0410	412	N 5485.7221	E 4902.2709	512	N 5091.3539	E 4807.2820
40	N 5502.0967	E 4804.3028	140	N 5482.7003	E 4872.4190	240	N 5029.0486	E 4634.8117 E 4632 2150	340	N 5197.7269	E 5012.7392	413	N 5636.5826	E 4///.896/	513 514	N 5089.3320 N 5074 6172	E 4807.4589
41 42	N 5500.2293	E 4810.0049 E 4800 4577	141 142	N 5494.7003 N 5458 7003	E 4871.4114 E 4881 9608	241	N 5028.0393	E 4621,2242	342	N 5100 9068	E 5012.7041 E 5013 1691	414	N 5712 3800	E 4984 5960	515	N 5074.0172	E 4808.7403 E 4811.6200
43	N 5482.7003	E 4806.4789	143	N 5467.7003	E 4881.2050	243	N 5038.0233	E 4612.3511	343	N 5086.2046	E 5011.7712	416	N 5365.7199	E 4756.0763	516	N 5089.0768	E 4810.4927
44	N 5479.7003	E 4935.8674	144	N 5482.7003	E 4884.5214	244	N 5055.5949	E 4635.3186	344	N 5078.2046	E 5011.7712	417	N 5353.8467	E 4754.0646	517	N 5091.0987	E 4810.3158
45	N 5473.7003	E 4935.8674	145	N 5488.7003	E 4884.0176	245	N 5059.6321	E 4645.7016	345	N 5032.8712	E 5011.7604	418	N 5355.6131	E 4756.9266	518	N 5089.8758	E 4824.8527
46	N 5479.7003	E 4980.0890	146	N 5461.7003	E 4895.2564	246 247	N 5062.5401 N 5069 0475	E 4678.4391 E 4683 8847	346 347	N 5020.2627 N 5011 3482	E 5019.7623 E 5019.7396	419 420	N 5355.8302 N 5353 5917	E 4754.3453 E 4757 0966	519 520	N 5087.8538 N 5077 4613	E 4825.0296 E 4825.0388
47 48	N 5473.7003 N 5492 1626	E 4980.0890 E 4998 6142	147	N 5485 7003	E 4094.2407 E 4896 2516	248	N 5069.5784	E 4689.8611	348	N 5011.3482	E 4970.0791	421	N 5354.8796	E 4765.6449	520	N 5089.6206	E 4827.8865
49	N 5489.9013	E 5004.1718	149	N 5491.7003	E 4895.7477	249	N 5064.1328	E 4696.3685	349	N 4995.3234	E 4936.6476	422	N 5352.8726	E 4765.6450	522	N 5087.5986	E 4828.0634
50	N 5482.7007	E 4827.5517	150	N 5482.7422	E 4816.5190	250	N 5077.6231	E 4848.2355	350	N 4986.5506	E 4930.9641	423	N 5353.8817	E 4777.5071	523	N 5076.4200	E 4829.0414
51	N 5488.5205	E 4828.0291	151	N 5493.5856	E 4817.4312	251	N 5077.7388	E 4850.8457	351	N 4978.0939	E 4920.6121	424	N 5351.8888	E 4777.3395	524	N 5087.4937	E 4853.1680
52 53	N 5499.2925	E 4874.0363	152 153	N 5506.3176	E 4824.3636	252	N 5077.7366 N 5068 3570	E 4903.4057 E 4946 1231	352 353	N 4905.0788 N 4956 7252	E 4890.4793 F 4875 1463	425 426	N 5352.3518 N 5350 3885	E 4795.0935 E 4795 1727	525 526	N 5085.4718 N 5078 2388	E 4853.3449 E 4853 9777
53 54	N 5490.0221 N 5495 9310	E 4074.7032 F 4901 4136	153	N 5512.8325	E 4858.8304	254	N 5074.4572	E 4954.8674	354	N 5032.3786	E 4984.0342	427	N 5320.2765	E 4735.5986	527	N 5087.0684	E 4858.2244
55	N 5482.7123	E 4902.5236	155	N 5512.8450	E 4868.3506	255	N 5078.7379	E 4954.8674	355	N 4956.5682	E 4772.0418	428	N 5318.4727	E 4757.0404	528	N 5085.0464	E 4858.4013
56	N 5482.6595	E 4935.8674	156	N 5504.8811	E 4873.5670	256	N 5078.2411	E 4942.6086	356	N 4967.2555	E 4740.3982	429	N 5318.2176	E 4760.0725	529	N 5078.2388	E 4858.9968
57	N 5470.7003	E 4935.8674	157	N 5492.8835	E 4886.1149	257	N 5085.7571	E 4948.6086	357	N 4983.3954	E 4736.7168	430	N 5461.1404	E 4781.8869	530	N 5084.5162	E 4888.5622
58 50	N 5470.7003	E 4925.8668	158	N 5496.6318	E 4885.8002	258 259	N 5085.7481 N 5097 0085	E 4954.8074 E 4954 8674	308 359	N 4983.7388 N 4992 3766	E 4895.5005 E 4657 6066	431 432	N 5318.5144 N 5316 4513	E 4732.0871 E 4757 2105	532	N 5082.4942 N 5078 2388	E 4888.7391 E 4889 1114
59 60	N 5319.0293 N 5470 7072	E 4923.0074 E 4903 5317	160	N 5507 7686	E 4990.4000 F 4917 8274	260	N 5100.0085	E 4951.8674	360	N 4983.3509	E 4636.8934	433	N 5316.1963	E 4760.2425	533	N 5084.2609	E 4891.5960
61	N 5449.7003	E 4905.2957	161	N 5484.3975	E 4928.2203	261	N 5100.0085	E 4936.3681	361	N 5055.2173	E 4590.4351	434	N 5317.7487	E 4765.6469	534	N 5082.2390	E 4891.7729
62	N 5449.7003	E 4893.2535	162	N 5482.6714	E 4928.3275	262	N 5104.1871	E 4936.3670	362	N 5454.1991	E 4787.6281	435	N 5317.0119	E 4774.4054	535	N 5078.2388	E 4892.1229
63	N 5431.7003	E 4894.7650	163	N 5421.2194	E 4888.1654	263	N 5110.2016	E 4930.3674	363	N 5476.5903	E 4765.6421	436	N 5458.0794	E 4781.8869	536	N 5080.5375	E 4911.9982
64 65	N 5431.7003	E 4873.6911	164 165	N 5418.2194	E 4888.1656	264 265	N 5116.2016 N 5122 2161	E 4930.3674 E 4936 3528	364 365	N 5595.9947 N 5575 0762	E 5044.4664 E 5036.0053	437 438	N 5316.1660 N 5314 1730	E 4784.4603 E 4784 2926	537 538	N 5078.2388 N 5078 2388	E 4912.1993 E 4915 2108
60 66	N 5419.7003 N 5419 7003	E 4874.0987 E 4856 6354	165	N 5421.2194 N 5418 2194	E 4901.7400 E 4901 7400	266	N 5122.3917	E 4936.3670	366	N 4984.2023	E 4763.2482	439	N 5301.8454	E 4751.8963	539	N 5080.2823	E 4915.0320
67	N 5413.1647	E 4857.1842	167	N 5413.2194	E 4906.7400	267	N 5128.4062	E 4930.3674	367	N 4983.7388	E 4769.3012	440	N 5301.2911	E 4758.4859	540	N 5079.4647	E 4948.6086
68	N 5413.4564	E 4839.7847	168	N 5413.2194	E 4909.7400	268	N 5134.4062	E 4930.3674	368	N 4983.7388	E 4814.3829	441	N 5301.0360	E 4761.5179	541	N 5077.9624	E 4942.6086
69	N 5419.7003	E 4840.3032	169	N 5319.0293	E 4906.7402	269	N 5140.4207	E 4936.3528	369	N 4983.7388	E 4832.3829	442	N 5299.2334	E 4782.9451	542	N 5163.8460	E 4923.2767
70 71	N 5419.7003	E 4813.2214	170 171	N 5319.0293	E 4909.7402	∠/U 271	N 5145.0050 N 5144 9730	⊏ 4930.3074 F 4952 8635	37U 271	11 4909.7388 N 2989 7388	⊏ 4020.3829 F 4826 3820	443 444	N 5308 0467	⊏ 4103.0135 F 4786 7728	543 544	טטטט. N 5162 7869	⊏ 4923.1090 F 4935 8674
72	N 5413 4564	E 4012.0901 F 4791.6219	172	N 5436 1677	E 5025 9934	272	N 5146.9691	E 4954.8674	372	N 5312.1816	E 4715.1562	445	N 5298.9819	E 4785.9345	545	N 5160.7797	E 4935.8680
73	N 5476.7003	E 4818.0165	173	N 5459.8748	E 5033.7199	273	N 5151.9691	E 4954.8771	373	N 5413.4564	E 4795.1727	446	N 5297.9086	E 4798.6935	546	N 5091.2026	E 4887.9772
74	N 5476.7003	E 4827.0347	174	N 5476.1634	E 5035.3931	274	N 5153.9730	E 4952.8809				447	N 5299.8525	E 4751.7286	547	N 5091.1960	E 4890.9893
75	N 5431.7003	E 4814.2309	175	N 5515.3266	E 5041.0276	275	N 5154.0050	E 4936.3674				448	N 5299.2697	E 4758.6559	548	N 5082.3042	E 4914.8551
76 77	N 5431.7003	E 4823.2491	176 177	N 5545.2014	E 5038.5164	270 277	N 5047.7495 N 5030 0394	E 4901.0401 E 4908 0084				449 450	N 5299.0146 N 5297 2405	E 4701.0000 E 4782 7774	549 550	N 5082.5595 N 5452 7003	E 4911.8213 E 4806 9657
77 78	N 5431.7003 N 5449 7003	E 4832.2877 E 4833 8019	178	N 5253.0050 N 5252 9730	E 4930.3074 E 4952 8635	278	N 5016.4258	E 4891.5262				451	N 5296.9890	E 4785.7669	551	N 5449.7003	E 4806.7133
79	N 5449.7003	E 4842.8337	179	N 5254.9691	E 4954.8674	279	N 5015.7388	E 4889.6157				452	N 5295.9015	E 4798.6935	552	N 5466.4582	E 4808.1231
80	N 5431.7003	E 4841.3195	180	N 5259.9691	E 4954.8771	280	N 5015.7388	E 4887.3968				453	N 5265.4117	E 4761.5042	553	N 5463.3435	E 4807.8582
81	N 5464.7003	E 4841.0850	181	N 5261.9730	E 4952.8809	281	N 5017.2388	E 4886.5308				454	N 5265.1567	E 4764.5363	554	N 5413.4985	E 4806.6784
82	N 5485.7003	E 4842.8516	182 192	N 5262.0050	E 4936.3674	202 283	N 3041.7388 N 5047 7405	⊏ 4090.0778 F 4852 5170				455 156	N 5262.9434 N 5262 2627	E 4112.9516 F 4770 8434	555 556	11 0402.7003 N 5413 7085	⊑ 4009.4095 F 4203 6679
ია 84	N 5464 7003	L 4004.1000 F 4855 8672	184	N 5342 9736	E 4952 8635	284	N 5016.7388	E 4843.5182				457	N 5262.1122	E 4782.8328	557	N 5225.2690	E 4935.8678
85	N 5449.7003	E 4863.1479	185	N 5344.9697	E 4954.8674	285	N 5015.7388	E 4841.7861				458	N 5260.7779	E 4798.6935	558	N 5223.2619	E 4935.8678
86	N 5449.7003	E 4854.1162	186	N 5349.9697	E 4954.8771	286	N 5015.7388	E 4826.3829				459	N 5258.8024	E 4798.3185	559	N 5224.2842	E 4924.1622
87	N 5431.7003	E 4855.6277	187	N 5351.9735	E 4952.8809	287	N 5015.7388	E 4820.3829				460	N 5260.1192	E 4782.6652	560	N 5222.3210	E 4924.6831
88	N 5431.7003	E 4864.6594	188	N 5352.0056	E 4936.3674	288	N 5040.7845 N 5015 7200	E 4772.5803 E 4771 5277				461 462	N 5260.3707	E 4119.6157 E 1773 1370	561 562	N 5449.7003	E 4809.7239
89 90	N 5405.9392 N 5405 0444	E 4705.0423 E 4781 8860	189 190	N 5424.0085 N 5424 0085	E 4930.30/4 F 1910 2671	∠o9 290	N 5038 6992	E 4777.3594				402 463	N 5240.7897	E 4778.0285	563	N 5363 0861	E 4787.3845
91	N 5317.7487	E 4765.6469	191	N 5429.0085	E 4954.8674	291	N 4985.8824	E 4903.5005				464	N 5240.7897	E 4781.0391	564	N 5365.8394	E 4778.5131
92	N 5317.0119	E 4774.4054	192	N 5434.6677	E 4954.8674	292	N 5033.5608	E 4825.9151				465	N 5205.2442	E 4901.0878	565	N 5363.8465	E 4778.3454
93	N 5363.0861	E 4787.3845	193	N 5434.6677	E 4957.4986	293	N 5045.4231	E 4824.7839				466	N 5205.2380	E 4904.0998	566	N 5366.9220	E 4765.6442
94	N 5362.4309	E 4795.1727	194	N 5333.8258	E 4742.3182	294 205	N 5044.8920 N 5047 6142	E 4818.8068 E 4840 4652				467	N 5198.3731 N 5109 5915	E 4899.1935	567	N 5364.9150 N 5367 7610	E 4765.6443
95 96	IN 5326.0110 N 5326 8442	E 4795.1727 F 4785 2670	190 196	יאט 2325.0879 N <u>54</u> 34 6677	⊏ 4/41.9/98 F 4976 2569	290 296	N 5056.2547	E 4602.1138				469	N 5198.8330	E 4904.6601	569	N 5365.7547	E 4755.6620
97	N 5309.1906	E 4783.8735	197	N 5434.6677	E 4978.8674	297	N 5037.8028	E 4600.4981				470	N 5201.4583	E 4935.8679	570	N 5452.7003	E 4809.9763
98	N 5307.9763	E 4798.3078	198	N 5429.0085	E 4978.8674	298	N 5056.7876	E 4608.1130				471	N 5199.4513	E 4935.8679	571	N 5452.7003	E 4815.9975
99	N 5240.7897	E 4773.4761	199	N 5424.0085	E 4983.8674	299	N 5037.5680	E 4608.1377				472	N 5196.3660	E 4899.1935	572	N 5449.7003	E 4815.7451
100	N 5263.0711	E 4771.4336	200	N 5424.0085	E 4997.3674	300	N 5072.6594	E 4/01.9423				473	N 5196.9849	E 4901.7111			

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		/
573	N 5280.0596	E 4999.1368
574	N 5243.9577	E 4934.5672
575	N 5217.0131	E 4999.2584
576	N 5172.0191	E 4934.5672
577	N 5144.9700	E 4999.5326
578	N 5075.8951	E 4933.3522
579	N 5022.9468	E 4971.1807
580	N 5025.4696	E 4895.6534
581	N 5028.2660	E 4773.3384
582	N 5011.0938	E 4685.7846
583	N 5080.7443	E 4761.2253
584	N 5396.9760	E 4934.5672
585	N 5360.9828	E 4999.1368
586	N 5315.9577	E 4934.5667

CONTROL POINT SCHEDULE

POINT	DESCRIPTION	NORTHING	EASTING
1	IRON ROD	N 5303.6334	E 5407.3019
2	IRON ROD	N 4998.5600	E 5008.8120
3	PK NAIL	N 4990.3600	E 4720.6856
4	PK NAIL	N 5067.4389	E 4560.0459
5	PK NAIL	N 4886.6182	E 4670.6417
6	PK NAIL	N 4891.6282	E 5021.9600
7	PK NAIL	N 5345.3973	E 4560.2209
8	IRON ROD	N 5488.2020	E 4704.9186
9	PK NAIL	N 5174.3107	E 4880.2652
10	PK NAIL	N 5167.6427	E 4727.7085
11	IRON ROD	N 5660.0607	E 4987.3220
12	SPIKE	N 5478.4920	E 4880.8482
13	PK NAIL	N 5572.0199	E 5064.0129





- 1. All survey information provided by: Emerio Design 8285 SW Nimbus Ave, Suite 180 Beaverton, OR 97008 Phone: 503-746-8812
- 2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
- 3. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Owner's Representative. Cut no limbs or roots larger than 2" in diameter without approval of Owner's Representative. Notify Owner's Representative prior to performing any excavation within protection areas.
- 4. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled. Obtain Owner's Representative approval prior to installing any related work.
- 5. Install new utilities so that rim elevations are flush with finish grades at pavement, lawn and plant beds. Adjust rim elevations of existing utilities accordingly.
- 6. Verify existing elevations where new work abuts existing to remain. Notify Owner's Representative of any discrepancies prior to any construction.
- 7. Adjust rim elevations of existing utilities so that rims are flush with finish grade at new paving and lawns.
- 8. Blend all new elevations back to existing grade to create a uniform slope. Maximum slope, 5H:1V at lawn areas; 3H:1V at plant beds.
- 9. Construct smooth transitions between new paving improvements and existing paving to remain.

LEGEND



207

PROPERTY LINE LIMIT OF WORK

FINISH FLOOR ELEVATION (E) CONTOUR

PROPOSED CONTOUR 1-ft interval

BREAK IN PLANE Arrow indicates direction of flow

EXISTING TREES (6" DBH or greater) To Remain Refer to L0.0 for protection measures

EXISTING TREES (6" DBH or greater) To be removed Refer to L0.0 for protection measures

0' 25' 50' 100' 1" = 50'-0"







GRADING PLAN - NORTH ENLARGEMENT



SET **BID/PERMIT** iast Groadway = Engans Congon 9/401 = ¥ 541.486.738 EGISTERES m= 1 541.465.73 ATTHEW S. KOEHLER ARCHIT OREGON 11/21/03 FUS CAPE ENLARGEMEN DISTRICT Ξ NOR⁻ SCHOOL Z ACMA BEAVERTON Ц GRADING

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GRADING PLAN - CENTRAL ENLARGEMENT







To be removed Refer to L0.0 for protection measures

SENSITIVE AREA As defined by CWS

EXISTING WETLAND Per CWS

EXISTING TREES (6" DBH or greater) To Remain Refer to L0.0 for protection measures

EXISTING TREE (6" DBH or greater) To remain Refer to L0.0

UTILITY VAULTS See Civil and Electrical





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GRADING PLAN - SOUTH ENLARGEMENT

1" = 20'-0"

NOTES

See Sheet L3.0 for Site Plan notes. 2. Verify top of new curb matches existing paving finish grade.

LEGEND

LIMIT OF WORK

FINISH FLOOR ELEVATION

(E) CONTOUR

PROPOSED CONTOUR PERFORATED COLLECTOR PIPE See Civil.

BREAK IN PLANE Arrow indicates direction of flow

VERIFY EXISTING ELEVATION

VERIFY/MATCH EXISTING ELEVATION

SPOT ELEVATION

CATCH BASIN RIM ELEVATION

DECK DRAIN RIM ELEVATION

AREA DRAIN RIM ELEVATION

TRENCH DRAIN RIM ELEVATION

VALLEY GUTTER ELEVATION

MANHOLE RIM ELEVATION

TOP OF STAIRS ELEVATION BOTTOM OF STAIRS ELEVATION

TOP OF CURB ELEVATION BOTTOM OF CURB ELEVATION

TOP OF WALL ELEVATION BOTTOM OF WALL ELEVATION

STAGE TOP ELEVATION STAGE BOTTOM ELEVATION

DRAINS

TRENCH DRAIN

EXISTING TREES (6" DBH or greater) To be removed Refer to L0.0 for protection measures

SENSITIVE AREA As defined by CWS

EXISTING WETLAND Per CWS

EXISTING TREES (6" DBH or greater) To Remain Refer to L0.0 for protection measures

EXISTING TREE (6" DBH or greater) To remain Refer to L0.0

UTILITY VAULTS See Civil and Electrical

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IRRIGATION MAINLINE PLAN

VALVE SCHEDULE

JMBER	MODEL	SIZE	TYPE	GPM	PSI	PRECIP
	Rain Bird PEB-PRS-D	1"	Bubbler	2.50	21.76	0.95 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	144.82	51.42	1.19 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	11.24	33.77	1.16 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	5.14	35.47	1.66 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	55.27	51.58	2.05 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	3.00	22.59	0.96 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	75.60	49.20	1.02 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	1.00	21.40	0.89 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	144.82	51.56	1.19 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	3.25	22.39	0.94 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	49.12	50.95	1.80 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	7.80	35.19	1.87 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	6.36	37.28	4.40 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	3.00	21.96	0.95 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	57.99	51.39	1.76 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	5.00	25.39	0.94 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Rotary	31.02	51.55	0.54 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	37.64	43.82	1.42 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	3.00	23.00	0.97 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	57.40	61.77	0.34 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	10.76	36.08	3.48 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	15.18	36.42	1.69 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	28.04	52.97	0.41 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	2.50	22.98	0.90 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	2.50	22.26	0.96 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	64.88	63.08	0.37 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	62.67	63.39	0.30 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	27.09	38.02	1.22 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	2.50	25.32	0.96 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	47.15	61.54	0.30 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	47.32	61.38	0.27 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	55.34	51.23	1.89 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	1.50	21.62	0.96 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	12.44	35.49	1.76 in/h
	Rain Bird PEB-PRS-D	1"	Shrub Spray	22.78	37.58	1.79 in/h
	Rain Bird PEB-PRS-D	1"	Bubbler	2.00	21.68	0.95 in/h
	Rain Bird PEB-PRS-D	1"	Turf Rotary	3.52	43.53	0.66 in/h

SCHEDULE 40 PIPE CHART

SCHEDULE 40 PIPE SIZING CHART				
GPM	SIZE			
0-7	3/4"			
7-11	1"			
11-21	1 1/4"			
21-29	1 1/2"			
29-49	2"			
49-69	2 1/2"			
69-110	3"			

LEGEND

	PROPERTY LINE
	LIMIT OF WORK
** •	NEW TREE CENTER See Landscape Plan, Sheet L5.0
IC	IRRIGATION CONTROLLER See Specifications
	POINT OF CONNECTION See Civil
Ø	BACKFLOW PREVENTER See Civil
$\overline{\mathbb{W}}$	
ß	FLOW SENSOR 7
a.c.	QUICK COUPLER 3 ASSEMBLY
	IRRIGATION MAINLINE Size: 3" throughout, unless otherwise noted
(2)	IRRIGATION SLEEVE 6" sleeves in quantity shown in (#) ⁽¹⁾
	COMMUNICATION WIRE
\bigcirc	ZONE CONTROL VALVE ASSEMBLY 4
Valve Number GPM # Valve Size	ZONE CONTROL VALVE ASSEMBLY CALL OUT
	IRRIGATED LAWN
	IRRIGATED PLANT BED
	IRRIGATED REPAIR
	EXISTING TREE TO REMAIN

NOTES

1. All survey information provided by: Emerio Design 8285 SW Nimbus Ave, Suite 180 Beaverton, OR 97008 Phone: 503-746-8812

- 2. Existing irrigation information provided by Beaverton School District Facilities Maintenance personnel. Contact District Facilities Maintenance for further information.
- 3. Prior to any work, contact and coordinate with District Facilities Maintenance Personnel. Verify location of existing main lines and lateral lines, observe zone operation, determine existing horizontal coverage, and record zone numbers for existing irrigation controller. Record any new information gathered during observations on As-Built Drawings. Verify all information provided by District. Review all new information gathered and recorded, and any discrepancies discovered regarding existing irrigation system with Owner's Representative prior to undertaking new work. Repair any damages to existing irrigation zones impacted by construction.
- 4. Contractor to locate routing of and protect corresponding existing control wires as practicable. Contractor to replace any control wires disturbed during construction and restore full operation of all zones disturbed by new construction at no additional cost to Project.
- 5. Contractor to install new control wires from existing controller location(s) to new controller location.
- 6. Verify exact locations and routing of existing and proposed underground utilities prior to starting any excavation. Any damage to existing pipes, underground utilities or related facilities to be repaired at contractor's expense in a manner approved by Owner's Representative.
- 7. Barricade and protect trunks, limbs, roots, and root zones beyond dripline of existing trees and plant materials to remain as directed by Owner's Representative. Cut no limbs or roots larger than 2" in diameter without approval of Owner's Representative. Notify Owner's Representative prior to performing any excavation within protection areas.
- 8. Irrigation layout is schematic. It is intended that all irrigation lines with be routed through lawns and plant beds except where noted on drawing. Adjust routing of irrigation lines, heads and sleeves as necessary for any existing or proposed utilities.
- 9. Locate irrigation zone valve assemblies within plant beds where possible. Any irrigation zone valves diagrammatically located in pavement areas are to be installed in plant beds.
- 10. Install spray head 3" from adjacent pavement, walls, curbs, and planting edges; 6" from curbs in parking areas (3" if aligned with striping) unless directed otherwise by Owner's Representative.
- 11. Adjust radius on spray heads as necessary to minimize overspray while achieving full and even coverage of planted areas.
- 12. Install irrigation heads in parking lots aligned with parking wall striping, as shown on drawing.
- 13. Verify static pressure of 78 psi at point of connection. Notify Owner's Representative prior to any construction if pressure is lower than 70 psi.
- 14. Provide all necessary wiring required to make the irrigation system a fully serviceable and operational controlled installation at the completion of the project.
- 15. Locate Irrigation mainline, lateral lines, and valve boxes to avoid conflict with tree plantings.
- 16. Existing landscapes with existing irrigation prior to construction are not to be without water for longer than 10 days. Coordinate anticipated disruption of existing irrigation with Owner to allow for additional watering in advance or irrigation shutdown. It is critical all irrigation systems interrupted by construction are reconnected as soon as possible.
- 17. At Irrigation Repair, verify extent and operation of existing irrigation zone, and determine impacts due new construction. Repair as necessary all impacts due to new construction.

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NOTES

1. See Sheet L4.0 for Irrigation Plan notes and Valve Schedule.

LEGEND

	PROPERTY LINE	
	LIMIT OF WORK	
	EXISTING TREE TO REMAIN	
•	NEW TREE CENTER See Sheet L6.0	
IC	IRRIGATION CONTROLLER	1127
	POINT OF CONNECTION See Civil	
BF	BACKFLOW PREVENTER See Civil	
	MASTER VALVE 2 L6.0	
FS	FLOW SENSOR 2	
Q.C.		
	IRRIGATION MAINLINE Size: 3" throughout	
(#)	IRRIGATION SLEEVE1 6" sleeve in quantity shown in (#)	
WIRE	IRRIGATION COMMUNICATION WIRE	
$\langle 0 0 \rangle$	ZONE CONTROL VALVE ASSEMBLY 4 5	

IRRIGATION HEAD SCHEDULE

SYMBOL	MANUFACTURER/MODEL	PSI
A A A A A ES LCS RCS CS SS	Hunter PROS-12-PRS30 5` strip spray	30
8 8 8 8 9 T H F	Hunter PROS-12-PRS30 8` radius	30
○ ○ २ 4 6 6 2Q 2H 4Q 4H 6Q 6H	Hunter PROS-12-PRS30-CV short radius nozzles	30
A A A A A ES LCS RCS CS SS	Hunter PROS-12-PRS30-CV 5` strip spray	30
5 5 5 Q H F	Hunter PROS-12-PRS30-CV 5` radius	30
8 8 8 6 9 T H F	Hunter PROS-12-PRS30-CV 8` radius	30
	Hunter PROS-12-PRS30-CV 10` radius	30
	Hunter PROS-12-PRS30-CV 12` radius	30
	Hunter PROS-12-PRS30-CV 15` radius	30
	Hunter PROS-12-PRS30-CV 17` radius	30
⊕ © ⊗ ⊕ ⊉ 15 17	Hunter PROS-12-PRS30-CV ADJ	30
	Hunter MP Corner PROS-06-CV	40
	Hunter MP Strip PROS-06-CV	40
	Hunter MP1000 PROS-06-CV	40
KCR	Hunter MP2000 PROS-06-CV	40
(B) (Y) (A)	Hunter MP3000 PROS-06-CV	40
BQQ	Hunter MP3000 PROS-12-CV	40
B	Hunter MP3500 PROS-12-PRS40-CV (2)	30
⊠ 0.25 0.50	Hunter RZWS-36-CV	20

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IRRIGATION PLAN - NORTH ENLARGEMENT

NOTES

1. See Sheet L4.0 for Irrigation Plan notes and Valve Schedule.

LEGEND

	PROPERTY LINE
	LIMIT OF WORK
	EXISTING TREE TO REMAIN
•	NEW TREE CENTER See Sheet L6.0
IC	IRRIGATION CONTROLLER
	POINT OF CONNECTION See Civil
BF	BACKFLOW PREVENTER See Civil
	MASTER VALVE 2 L6.0
(FS)	FLOW SENSOR 2
Q.C.	QUICK COUPLER ASSEMBLY
	IRRIGATION MAINLINE Size: 3" throughout
(#)	IRRIGATION SLEEVE1 6" sleeve in quantity shown in (#) ^{L6.0}
WIRE	IRRIGATION COMMUNICATION WIRE
$\langle 00 \rangle$	ZONE CONTROL VALVE ASSEMBLY 4 5

IRRIGATION HEAD SCHEDULE

SYMBOL	MANUFACTURER/MODEL	PSI
A A A A A ES LCS RCS CS SS	Hunter PROS-12-PRS30 5` strip spray	30
8 8 8 8 Q T H F	Hunter PROS-12-PRS30 8` radius	30
◯ ◯ 靴 Ք ि ि ि 2Q 2H 4Q 4H 6Q 6H	Hunter PROS-12-PRS30-CV short radius nozzles	30
A A A A A ES LCS RCS CS SS	Hunter PROS-12-PRS30-CV 5` strip spray	30
5 5 6 Q H F	Hunter PROS-12-PRS30-CV 5` radius	30
8 8 8 8 9 T H F	Hunter PROS-12-PRS30-CV 8` radius	30
00 10 10 10 Q T H F	Hunter PROS-12-PRS30-CV 10` radius	30
	Hunter PROS-12-PRS30-CV 12` radius	30
	Hunter PROS-12-PRS30-CV 15` radius	30
	Hunter PROS-12-PRS30-CV 17` radius	30
6 8 10 12 15 17	Hunter PROS-12-PRS30-CV ADJ	30
$\langle \overline{1} \rangle$	Hunter MP Corner PROS-06-CV	40
LST RST SST	Hunter MP Strip PROS-06-CV	40
O	Hunter MP1000 PROS-06-CV	40
$\langle \mathbf{K} \rangle \langle \mathbf{G} \rangle \langle \mathbf{R} \rangle$	Hunter MP2000 PROS-06-CV	40
	Hunter MP3000 PROS-06-CV	40
BVA	Hunter MP3000 PROS-12-CV	40
œ	Hunter MP3500 PROS-12-PRS40-CV (2)	30
⊠ ■ 0.25 0.50	Hunter RZWS-36-CV	20

BID/PERMIT SET	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVELOPMENT PERMIT NUMBER: TBD	BUILDING PERMIT NUMBER: TBD
BATION PLAN - CENTRAL ENLARGEMENT - CENTRAL ENLARGEMENT - CENTRAL ENLARGEMENT - CENTRAL CONTRAL - CENTRAL	ERCA No Competent Strate	
IRRI	AC	- BE

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L4.2 74-18109-00 1/31/2019 REVISIONS

1. See Sheet L4.0 for Irrigation Plan notes and Valve Schedule.

LEGEND

IRRIGATION HEAD SCHEDULE

SYMBOL	MANUFACTURER/MODEL	<u>PSI</u>
▲ ▲ ▲ ▲ ▲ ES LCS RCS CS SS	Hunter PROS-12-PRS30 5` strip spray	30
8 8 8 8 9 T H F	Hunter PROS-12-PRS30 8` radius	30
○ ○ 주 주 6 6 2Q 2H 4Q 4H 6Q 6H	Hunter PROS-12-PRS30-CV short radius nozzles	30
▲ ▲ ▲ ▲ ▲ ES LCS RCS CS SS	Hunter PROS-12-PRS30-CV 5` strip spray	30
5 5 (5) Q H F	Hunter PROS-12-PRS30-CV 5` radius	30
8 8 8 8 9 T H F	Hunter PROS-12-PRS30-CV 8` radius	30
10 10 10 10 Q T H F	Hunter PROS-12-PRS30-CV 10` radius	30
	Hunter PROS-12-PRS30-CV 12` radius	30
	Hunter PROS-12-PRS30-CV 15` radius	30
	Hunter PROS-12-PRS30-CV 17` radius	30
⊕ © ⊗ ⊚ 2\5\7	Hunter PROS-12-PRS30-CV ADJ	30
$\langle \mathbb{T} \rangle$	Hunter MP Corner PROS-06-CV	40
LST RST SST	Hunter MP Strip PROS-06-CV	40
O	Hunter MP1000 PROS-06-CV	40
$\langle \mathbf{K} \rangle \langle \mathbf{G} \rangle \langle \mathbf{R} \rangle$	Hunter MP2000 PROS-06-CV	40
	Hunter MP3000 PROS-06-CV	40
\mathbf{OO}	Hunter MP3000 PROS-12-CV	40
B	Hunter MP3500 PROS-12-PRS40-CV (2)	30
0.25 0.50	Hunter RZWS-36-CV	20

dno.

- 1. All survey information provided by: Emerio Design 8285 SW Nimbus Ave, Suite 180 Beaverton, OR 97008 Phone: 503-746-8812 Date: 4/25/2018
- 2. For existing trees 6" DBH or larger proposed to be saved, see Sheet L0.0, Existing Vegetation Protection and Removal Plan.
- 3. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities, or related facilities at Contractor's expense in a manner approved by Owner's Representative.
- 4. Do not install any plant materials until Owner's Representative has reviewed and approved irrigation system installation, area coverage balancing, soil preparation and finish grading. Refine the shape and finish grade of plant beds as directed by Owner's Representative.
- 5. Protect all existing trees and plant materials to remain including limbs, trunks, roots and root zones.
- 6. Finish grade is top of topsoil. Mulch is in addition.
- 7. Prune all new plant materials as directed by Owner's Representative.
- 8. Make minor adjustments in tree spacing as necessary to accommodate the irrigation system as installed.
- 9. Where new lawn abuts existing, provide a smooth transition and make repairs as necessary to existing lawn.
- 10. Plant quantities shown are for Contractor's convenience only. Contractor is responsible to provide 100% coverage of entire area at spacing shown.
- 11. Triangle space all shrubs and groundcovers, unless otherwise noted.
- 12. At Vegetated Corridor Enhancements, native understory vegetation will be planted per CWS requirements.
- 13. All trees to be full, evenly branched, and matched (same species).
- 14. All shrubs, perennials, and grasses to be full and bushy.
- 15. Install center of plants adjacent to door swing and bumper overhang areas at a distance of 2' + 1/2 of the o.c. spacing of plant material from the face of curb.

PLANT SCHEDULE

TREES	Botanical Name
ACE CIR	Acer circinatum
ACE MAC	Acer macrophyllum
ACE WAR	Acer truncatum `Warren Red`
ALN RUB	Alnus rubra
CHI RET	Chioanthus retusus
GIN AUT	Ginkgo biloba `Autumn Gold`
NYS JFS	Nyssa sylvatica `JFS-PN Legacy :
PAR PER	Parrotia persica
QUE GAR	Quercus garryana
SEQ SEM	Sequoia sempervirens
TSU HET	Tsuga heterophylla
ZEL GRE	Zelkova serrata `Green Vase`
SHRUBS	Botanical Name
COR CAT	Cornus sanguinea `Cato`
HAM DIA	Hamamelis x intermedia `Diane
ILE INK	Ilex glabra 'Compacta'
LON PIL	Lonicera pileata
MAHAQU	Mahonia aquifolium
MYR CAL	Myrica californica
POLMUN	Polystichum munitum
PRU MOU	Prunus laurocerasus `Mt.Verno
RHO BAD	Rhododendron `Baden Baden`
RHO CHI	Rhododendron `Chionoides`
RIB KIN	Ribes sanguineum 'King Edward
RIB WHI	Ribes sanguineum `Ubric` White
SAR RUS	Sarcococca ruscifolia
SPI TOR	Spiraea betulifolia `Tor`
TAX CUS	Taxus cuspidata `Monloo`
TAX HIC	Taxus x media `Hicksii`
VIB DAV	Viburnum davidii
PERENNIALS/GRASSES/GROUNDCOVERS	Botanical Name
CAL BRA	Calamagrostis brachytricha
CAR TES	Carex testacea
COR KEL	Cornus sericea 'Kelseyi'
HEL MOE	Helenium `Moerheim Beauty`
PAN VIR	Panicum virgatum 'Rotstrahlbu:
	Pennisetum alonecuroides 'Hai
PEN HAM	i ennisetuni alopeculoides nai
	TREESACE CIRACE MACACE WARALIN RUBCHI RETGIN AUTNYS JFSPAR PERQUE GARSEQ SEMTSU HETZEL GRESHRUBSCOR CATHAM DIAILE INKLON PILMAH AQUMYR CALPOL MUNPRU MOURHO BADRHO CHIRIB KINRIB WHISAR RUSSPI TORTAX CUSTAX HICVIB DAVPERENNIALS/GRASSES/GROUNDCOVERSCAR TESCOR KELHEL MOE

1" = 50'-0"

LEGEND

Common Name

Vine Maple

 $\Diamond^{\square \circ}$

PROPERTY LINE LIMIT OF WORK

(E) TREE To remain

PROPOSED TREES 5 6 7 See Plant Schedule L6.1 L6.1 L6.1

SENSITIVE AREA Per CWS requirements

VISION CLEARANCE ZONE Per City of Beaverton standard

6', Multi-trunked

B&B or Cont.

SITE LIGHTING See Electrical

BID/PERMIT SET	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVELOPMENT PERMIT NUMBER: TBD BUILDING PERMIT NUMBER: TBD
CAN McC LANDSCAPE A TO East Research WWW.carneror F.F. MATH MATH	ARCHITECTURE & PLANNING EMMO DAMA START - Y BELANTING EMMO DAMA START - Y BELANTING INCCARTING COMMON OF BELANTING ASTER 538 538 HEW S. KOEHLER OREGON 11/21/03 PE ARCHIT

	Big Leaf Maple	B&B or Cont.	2" cal.
rren Red`	Pacific Sunset Maple	B&B or Cont.	2.5" cal.
	Red Alder	B&B or Cont.	2" cal.
	Fringe Tree	B&B or Cont.	2" cal.
mn Gold`	Autumn Gold Ginkgo	B&B or Cont.	2.5" cal.
PN Legacy 1`	Gum Drop Tupelo	B&B or Cont.	2.5" cal.
	Persian Ironwood	B&B or Cont.	2" cal.
	Oregon White Oak	B&B or Cont.	2.5" cal.
ns	Coast Redwood	B&B or Cont.	6`-8`
	Western Hemlock	B&B or Cont.	6`-8`
en Vase`	Sawleaf Zelkova	B&B or Cont.	2.5" cal.
	Common Name	Size	Spacing
ato`	Arctic Sun Dogwood	5 gal	60" o.c.
edia `Diane`	Diane Witch Hazel	15 gal, Multi-stem	As shown
a'	Compact Inkberry	5 gal	48" o.c.
	Privet Honeysuckle	2 gal	36" o.c.
I	Oregon Grape	5 gal	48" o.c.
	Pacific Wax Myrtle	7 gal	As shown
m	Western Sword Fern	2 gal	42" o.c.
`Mt.Vernon`	Mt. Vernon Laurel	2 gal	30" o.c.
en Baden`	Baden Baden Rhododendron	3 gal	36" o.c.
onoides`	Chionoides Rhododendron	3 gal	48" o.c.
King Edward VII'	King Edward VII Red Flowering Currar	5 gal	As shown
Jbric` White Icicle	White Icicle Flowering Currant	5 gal	As shown
1	Sweetbox	3 gal	36" o.c.
Tor`	Birchleaf Spirea	2 gal	36" o.c.
nloo`	Emerald Spreader Japanese Yew	2 gal	48" o.c.
sii`	Hicks Yew	4'-6', B&B or Cont	42" o.c.
	David Viburnum	3 gal	48" o.c.
	Common Name	Size	Spacing
ytricha	Korean Feather Reed Grass	2 gal	36" o.c.
	New Zealand Sedge	1 gal	24" o.c.
eyi'	Kelsey Dogwood	2 gal	42" o.c.
m Beauty`	Moerheim Beauty Helenium	1 gal	18" o.c.
lotstrahlbusch'	Rotstrahlbusch Switch Grass	2 gal	24" o.c.
ıroides 'Hameln'	Hameln Fountain Grass	1 gal	36" o.c.
Emerald Carpet`	Emerald Carpet Creeping Raspberry	1 gal	48" o.c.

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PB PLANT BED With bark mulch ĻA

SET

BID/PERMIT

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74-18109-00 1/31/2019

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VEGETATIVE CORRIDOR: VEGETATION PROTECTION NOTES

- 1. All survey information provided by: Emerio Design 8285 SW Nimbus Ave, Suite 180 Beaverton, OR 97008 Phone: 503-746-8812 Date: 4/25/2018
- 2. Identify work area limits with construction fencing as shown on plans.
- 3. Provide Tree Protection per detail 1/L5.5 during the entire duration of construction.
- 4. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Owner. Cut no limbs or roots larger than 1.5" in diameter without approval of Owner's Representative. Notify Owner's Representative prior to performing any excavation within Tree Protection Zone.
- 5. <u>Zone of Protection</u> Zone of Protection defined by Vegetation Protection Fence layout. Obtain advance written authorization from the Owner's Representative for removal or modification of fencing. There shall be no work conducted in the enclosed area, no storage, no traffic nor other activity not previously approved by Owner's Representative.
- 6. <u>Within Zone of Protection</u> Only trench-less boring at pre-authorized depths, "air spade" trenching or hand digging allowed. Do not cut roots larger than 1.5 inches diameter without approval of Owner's Representative. All root-cutting to be performed with approved root-pruning device. Make clean vertical cuts, leaving no frayed or split ends. Backfill with topsoil by no later than end of working day.
- 7. Watering Contractor to provide 1-inch water/week for all trees shown with a Zone of Protection within limits of work. Additional watering will be required if it is judged, by Owner's Representative that root removal is necessary for construction and threatens the survival of the tree. Contractor shall coordinate with Owner's Representative to determine if additional watering is needed for trees impacted by construction activities. Use of slow drip or soaker hose is required. No water runoff allowed.
- 8. Do not allow exposed roots to dry out before permanent backfill is in place; provide temporary earth cover, pack with wet bark mulch, or 4 layers of wet untreated burlap, and temporarily support and protect from damage until roots are permanently relocated and covered with backfill. Water the soil to settle backfill and eliminate voides and air pockets.

VEGETATIVE CORRIDOR: INVASIVE WEED REMOVAL NOTES

- 1. For definition of invasive weed species, refer to the Oregon Dept. of Agriculture list of noxious weeds, found at their website: https://www.oregon.gov/ODA/programs/Weeds/Pages/AboutWeeds
- 2. All invasive species removal must be done by hand; the use of herbicides is prohibited for this project. This includes removal of all invasive plant materials, roots, and seeds.
- 3. All invasive tree species are to be flush cut (cut at ground level), with all above-ground tree materials, including seeds, to be removed.

VEGETATIVE CORRIDOR: PROJECT SEQUENCE

- 1. Invasive weed removal (per CWS IPM Plan, also refer to ODA guidelines for noxious weed definitions)
- 2. Determine SF of areas requiring treatment/planting.
- 3. Lay out plantings and obtain approval from Owner's Representative prior to installation.
- 4. Install plants per Notes, Details, and Specifications.
- 5. Apply seed mix over entire planting area.
- 6. Invasive weed removal must be performed three times per growing season (once in spring, once in mid-summer, and once in early fall, with an initial inspection prior to the growing season) over a two year period following plant installation.

VEGETATIVE CORRIDOR: PLANTING SUCCESS CRITERIA

Shrubs: 100% survival at end of Warranty Seeded Areas: 90% survival at end of Warranty Invasive Weeds: Less than 10% coverage of site area

VEGETATIVE CORRIDOR: GENERAL PLANTING NOTES

- 1. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities, or related facilities at Contractor's expense in a manner approved by Owner's Representative.
- 2. Do not install any plant materials until Owner's Representative has reviewed and approved soil preparation.
- 3. Protect all existing trees and plant materials to remain, including limbs, trunks, roots and root zones.
- 4. Finish grade is top of topsoil. Mulch is in addition.
- 5. Prune all new plant materials as directed by Owner's Representative.
- 6. Plant quantities shown are derived per CWS minimum requirements, with a 75% reduction applied to total quantity due to existing plant coverage (see PHS NRA report for details).
- 7. Plant quantities shown are for Contractor's convenience only. Contractor is responsible to provide 100% coverage of entire area at spacing shown.
- 8. Plants to be spaced randomly but evenly for even distribution of species, unless otherwise noted.
- 9. Plants must be tagged either before or immediately after planting for dormant season identification.
- 10. Plants identified as requiring browser protection (marked with an asterisk " * " in the VCE Plant List) must be protected per Detail 2, Sheet L5.5.
- 11. <u>Watering</u>: During the period May 1 to September 21, provide minimum 10 gal/water/week to all plantings. Monitor and provide water as necessary to attain project plant success criteria.

VEGETATIVE CORRIDOR ENHANCEMENT SEED MIX (total area: 20,700 SF)

Botanical Name	Common Name	Percentage of Mix By Weight	Lbs./1000 SF (total 21.7)
Bromus carinatus	California Brome	50.00%	0.5
Elymus glaucus	Blue Wildrye	50.00%	0.5

VEGETATIVE CORRIDOR ENHANCEMENT PLANT LIST (total area: 20, 719 SF)

SHRUBS (* = browser protection required per Detail 2, Sheet L5.5)

Botanical Name	Common Name	Quantity	Size	Height	Spacing	Quantity To Be Installed (per approx. 1,000 SF planting unit, total of 21 units)
*Acer circinatum	Vine Maple	16	#2 cont.	24"	144-in. o.c.	0-1; (5 units @ 0 of this species, 16 units @ 1)
*Amelanchier alnifolia	Western Serviceberry	16	#1 cont.	24"	144-in. o.c.	0-1; (5 units @ 0 of this species, 16 units @ 1)
*Lonicera involucrata	Black Twinberry	14	#1 cont.	18"	48-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)
Mahonia aquifolium	Tall Oregon Grape	14	#1 cont.	6"	48-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)
*Oemleria ceraciformis	Osoberry	14	#2 cont.	24"	48-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)
*Rubus parviflorus	Thimbleberry	14	#1 cont.	18"	96-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)
*Sambucus racemosa	Red Elderberry	14	#1 cont.	18"	120-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)
Symphoricarpos albus	Snowberry	14	#1 cont.	18"	60-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)
FERNS						
Botanical Name	Common Name	Quantity	Size	Height	Spacing	Quantity To Be Installed (per 1,000 SF planting unit, total of 25 units)
Polystichum munitum	Western Sword Fern	14	#2 cont.	N/A	42-in. o.c.	0-1; (7 units @ 0 of this species, 14 units @ 1)

- 1. Allow additional spacing, minimum 6" + O.C. spacing, between plants of a different species. Cluster plants of same species while allowing extra space between plants of a different species. Coordinate with owner's representative prior to installation. See Specifications for mock-up requirements
- 2. Plant quantities provided to be evenly distributed throughout planting area. Make adjustments as directed by Owner's Representative.

SHRUB SPACING DETAIL

NOTES

MITIGATION PROTECTION SIGN SAMPLE LAYOUT

Provide Shop Drawings to Owner's Representative for review.
 Coordinate locations with Owner's Representative.

NOTES

1. See Tree Protection Notes on Sheet L0.0.

TREE PROTECTION

1. See Sheet L5.4 for General Notes.

LEGEND

PROPERTY LINE

LIMIT OF WORK

EXISTING CONTOURS

(E) TREE To remain.

PROPOSED TREE 5 6 7 CENTERS L6.1 L6.1 L6.1

L5.5

VEGETATION PROTECTION 1 FENCE L5.5

NATURAL AREA PROTECTION SIGN 4

(E) WETLAND

SENSITIVE AREA

INVASIVE WEED REMOVAL See Invasive Species Removal Notes, Sheet L5.4.

SITE PREPARATION PLAN - VEGETATIVE CORRIDOR ENHANCEMENT

1. See Sheet L5.4 for General Notes.

LEGEND

PLANTING PLAN - VEGETATIVE CORRIDOR ENHANCEMENT

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- 1. TREES PLANTED TOO DEEPLY WILL NOT BE ACCEPTED.
- 2. REMOVE TREE TIES AND STAKES ONE YEAR AFTER PLANTING UNLESS DIRECTED OTHERWISE
- 3. PROVIDE TREES PLANTED IN LAWN WITH MINIMUM 3 FOOT DIAMETER BARK AREA. HOLD BARK AWAY FROM TRUNK.
- 4. REMOVE BURLAP FROM TOP OF ROOT BALL.

TREE PLANTING ON SLOPE

CONCRETE WALK WITH FENCE AT EDGE

NTS 9

CONCRETE MOWSTRIP AND FENCE

NTS

6

FENCE FOOTING SCHEDULE

POST TYPE

END, TERMINAL,

OR GATE

LINE

FENCE HEIGHT

6'-0"

6'-0"

36"

30"

DIAMETER

(DIA)

18"

12"

(3)

NTS 🔪

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2.	S
3.	S
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3.

NOTES

COORDINATE LAYOUT AND INSTALLATION

WITH CONCRETE WORK. LOCATE FENCE

POSTS AT CONCRETE SCORE JOINTS AS

SHOWN ON PLANS WHERE APPLICABLE.

SUBMIT SHOP DRAWINGS FOR FENCE AS

SEE SPECIFICATIONS FOR FINISHES AND

SPECIFIED.

MATERIALS.

NOTES

- 1. SUBMIT SHOP DRAWINGS FOR FENCE, GATE, AND ASSEMBLIES AS SPECIFIED.
- 2. SEE SPECIFICATIONS FOR FINISHES AND MATERIALS.
- 3. CONFIRM GATE SWING IS NOT IMPEDED BY SURROUNDING GRADES OR SITE ELEMENTS PRIOR TO FABRICATION. NOTIFY OWNER'S REPRESENTATIVE OF CONFLICTS.

CHAIN LINK SWING GATE WITH PANIC HARDWARE

NTS

	IN	LINK	SWING	GATE
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N15		

TYPE 1:

CONCRETE PAVING - STANDARD OR MOWSTRIP @ LAWNS 18" SQUARE

FINISH GRADE AT LAWN SOIL MATERIAL

AT LAWN AGGREGATE BASE ROCK SUBGRADE COMPACTED

NOTES

DO NOT WRONG WAY

12" X 18"

SIGNAGE

- HEIGHT TO UNDERSIDE OF SIGN SHALL BE 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE GROUND; FREE-STANDING OBJECTS CANNOT PROTRUDE MORE THAN 12 INCHES INTO CIRCULATION PATHS. PER 2010 ADA STANDARDS 307.3.
- 2. COORDINATE FINAL LOCATION AND MOUNTING OF SIGNS WITH OWNER'S REPRESENTATIVE.
- 3. REFER TO CIVIL DRAWINGS FOR SIGNAGE LOCATED IN THE PUBLIC RIGHT-OF-WAY. ALL SIGNS SHOWN ON THIS DRAWING ARE FOR PRIVATE IMPROVEMENTS ONLY.

LEGEND

1	CONCRETE CURB PAINTED RED WITH "NO PARKING FIRE LANE" DENOTES BEGINNING AND END OF CURB PAINT.	TEXT. 6
2	CONCRETE CURB PAINTED YELLOW. DENOTES BEGINNING AND CURB PAINT.	END OF

- 3 PAINTED "STAND BACK" LINE 4 INCHES WIDE. YELLOW PAVEMENT MARKING. 5
- 4 6 INCH RED PAVEMENT MARKING WITH "NO PARKING FIRE LANE" <u>TEXT.</u> 5
- 5 TRAFFIC ARROW MARKING 4
- 6 "CARPOOL PARKING ONLY" SIGN
- 7 "DO NOT ENTER" SIGN 3 4 L6.8 L6.7
- 8 RESERVED PARKING AND VAN ACCESSIBLE SIGN 1 2 L6.8 L6.8
- 9 RESERVED PARKING SIGN 1 2 L6.8 L6.8
- 10 "LOADING ZONE" SIGN 4
- 1 "END OF LOADING ZONE" SIGN 4
- (12) CITY OF NORTH PLAINS STANDARD STOP SIGN
- 13 PAINTED "STOP" WITH STOP LINE. LETTERS AND LINES 4" WIDE. WHITE PAVEMENT MARKING.
- (14) "LEFT TURN PROHIBITED" SIGN. SEE SITE PLAN FOR WORDING. COORDINATE AND VERIFY FINAL 4 WORDING WITH OWNER'S REPRESENTATIVE.

	BID/PERMIT SET	CONDITIONAL USE USED IN USER CU2018-0016 DESIGN REVIEW NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVIE OPMENT DERMIT NUMBER: TBD	
	STRIPING AND SIGNAGE DIAGRAM	ACMA	BEAVERTON SCHOOL DISTRICT
	L7.0	74-18109-00 1/31/2019 REVISIONS	SRESERVED
NORTH		Architecture Encineering Daming Interiors	© 2018, DLR Group Architecture & Engineering inc., an Oregon corporation, ALL RIGHTS

\L6.7 /

L6.7

0' 25' 50'

1" = 50'-0"

100'

LEGEND	
	CONCRETE PAVING
PB	PLANT BED With bark mulch
LA	LAWN
NOTES	
1. See Sheet L1.0 2. B2 landscape bu	for Site Plan notes.

B2 landscape buffer to include 1 tree/30 feet, evergreen shrubs, and ground cover. Per BDC 60.05.25.13(C).

LEGEND

VERIFY 460.70

TC 427.35 BC 426.00

NOTES

2.

See Sheet L3.0 for Site Plan notes.

Verify top of new curb matches existing paving finish grade.

VERIFY EXISTING ELEVATION SPOT ELEVATION

Arrow indicates direction of flow

BREAK IN PLANE

TOP OF CURB ELEVATION BOTTOM OF CURB ELEVATION

L8.0 74-18109-00 1/31/2019 REVISIONS

SET

BID/PERMIT

DES SITE

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EGISTERED

MATTHEW'S KOEHLER FOREGON

DISTRICT

SCHOOL

ACMA BEAVERTON

OREGON 11/21/03 CAPE ARCHINE

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ALTERNATE

DEDUCTIVE

ENERGY CODE SUMMARY

ENERGY CODE STUDY, 2014 OREGON ENERGY EFFICIENCY SPECIALTY CODE
Building Envelope requirements will be met using the prescriptive approach using all wall envelope insulation and fenestration criteria or the U factor alternative to meet code. These R values and U factors are provided below.
CHAPTER 3: CLIMATE ZONES
Washington County: Climate Zone 4C
CHAPTER 5: COMMERCIAL ENERGY EFFICIENCY
Table 502.1.1: Building Envelope Requirements - Opaque Assemblies Roofs: Insulation entirely above deck Minimum: R-20 ci Provided: R-30 ci Walls, Above Grade: Metal Framed Minimum: R-13 + R7.5 ci Provided: R-21 + R10 ci Walls, Below Grade: Below Grade Wall, non-heated slabs Minimum: R-7.5 ci Provided: R7.5 ci Floors: Joist/Framing (steel), elevated Minimum: R-30 Provided: R-30 Slab-on-Grade Floors: Unheated slabs Minimum: No Requirement Provided: None Opaque Doors: Swinging Maximum: U-0.70 Provided: U-0.70
 Table 502.3: Building Envelope Requirements - Fenestration Fixed, operable, and doors with greater than 50% glazing Maximum: U-0.35 Provided: U-0.35 Metal framing, fixed: Including curtain wall / storefront Maximum: U-0.45 Provided: U-0.29 Metal framing, entrance door Maximum: U-0.80 Provided: U-0.80 Metal framing, all other (operable windows and non-entrance doors with greater than 50% glazing) Maximum: U-0.46 Provided: U-0.46 SHGC, all frame types Maximum: U-0.60 Provided: U-0.29 SHGC, skylights: Maximum: U-0.60 Provided: U-0.29 SHGC, skylights: Maximum: 0.40 Provided: U-0.29 SHGC, skylights: Maximum: 0.40 Provided: 0.36

PLUIVIDIING FIATURE COUNT

CHAPTER 29, 2014 OREGON STRUCTURAL SPECIALTY CODE

Based on Max Occupancy:

- Table 2902.1: Minimum Number of Required Plumbing Fixtures Group E Occupancy, Educational Facilities
- Note: In lieu of calculating plumbing fixture occupancy based on total possible occupants (1871 total possible) occupants in new construction per OSSC), AHJ identified that a Letter presented by Beaverton School District for ximum number of occupants be provided to calculate plumbing fixtures. See letter submitted with Building Permit Application identifying 800 max occupants in New Construction, for purposes of calculating required plumbing fixtures. Note: Egress paths and widths do not use the reduced occupancy number, but adhere to the 1871 total occupant calculation.

Required: Water Closets:

- 1 per 50 occupants for males
- 1 per 50 occupants for females Lavatories:
- 1 per 50 occupants for males
- 1 per 50 occupants for females

Designed:

- 800 Total Occupant Count
- (per District Letter outlining maximum occupancy for this school, including students, staff, and visitors) 400 males
- 400 females Calculations for requirements:
- Water Closets Required:
- Males: 400 / 50 = 8 WC required
- Females: 400 / 50 = 8 WC required
- Water Closets Provided: • Males: 16 WCs in group restrooms
- Females: 16 WCs in group restrooms
- Extra: Six additional uinsex restrooms are also in the project, for six additional WCs Lavatories Required:
- Males: 400 / 50 = 8 lavs required • Females: 400 / 50 = 8 lavs required
- Lavatories Provided:
- Males: 12 lavs in group restrooms Females: 12 lavs in group restrooms
- Extra: Six additional unisex restrooms are also in the project, for six additional lavatories

Drinking Fountains

- Drinking Fountains • Required: 1 per floor (2 per floor for ADA)
- Provided: 2 per floor (1 standing height, 1 wheelchair height)
- Extra: Bottle filler is provided in Music Wing.

BUILDING CODE SUMMARY

BUILDING CODE STUDY, 2014 OREGON STRUCTURAL SPECIALTY CODE

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION:

- CLASSIFICATION GROUP:
- Group E : Educational purposes through 12th Grade.
- Project is for Grades 6-12. • No day care facilities will be included in this project per 305.2.
- Group A-2: Assembly uses intended for food and/or drink consumption
- Commons
- Note: Staff Breakroom has an occupant load of less than 50 persons and accessory to another occupancy, so classified as Group B, per 303.1.2, 1 Group B: Office, professional or service-type transactions, including storage or records and accounts.
- Administration and Counseling Areas • Group S: Storage that is not classified as a hazardous occupancy

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY:

PLATFORM

- Definition: (Per Chapter 2) · Raised area used for the presentation of music or other entertainment; the raised area for lecturers and speakers; where there are no overhead hanging curtains, drops, scenery or stage effects other than lighting and sound. Platform is designed within the commons of this project. See drawings.
- Construction: Allowable: Per 410.4, platforms shall be constructed of materials as required for the type of construction of the building (2B) or platform is permitted to be
- constructed of fire-retardant-treated wood where the platform is not more than 30" above the main floor, and not more than 1/3 of the room floor area, and not more than 3,000 sf in area.
- Designed: Platform is not more than 30" above the main floor, less than 1/3 the room floor area, and less than 3,000sf in area. See details this drawing set. Stairway and ramp enclosure: • Ramps serving a platform are not required to be enclosed, per 410.6.2.

- OCCUPACY LOAD FACTORS Commons: 7 sf net. without fixed seats
- Classrooms: 20 sf net
- Exercise Rooms: 50 sf gross Platforms: 15 sf net
- Accessory Storage and Mechanical Equipment Rooms: 300 gross
- Auditoriums: Determined by number of fixed seats installed • Note: Existing project does not include an Auditorium. Exisitng PAC has 400 seats, but is not in the scope of work.

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS:

ALLOWABLE HEIGHT

- Allowable Stories: 3 • Increased due to automatic sprinkler protection (Table 503 and 504.2) Designed Stories: 2
- Allowable Height: 75' (Note that Zoning Requirements Limit Height to 40')
- Increased due to automatic sprinkler protection
- 55' + 20' = 75' Designed Height: 40'
- ALLOWABLE BUILDING AREA
- Allowable Building Area per floor: 52,200 sf per floor (see calculations below) • Designed Building Area per floor: 45,038 SF on Level 1, therefore no area separations required within new construction. • Note: 2 Hour Area Separation Fire Wall will occur between existing PAC and new construction.
- A = A + [A x I] + [A x I] • 14,500 (Table 503) + 8,700 (506.2) + 29,000 (506.3)
- 52,200 sf Total Allowable Area
- 14,500 sf per Table 503
- + 8,700 sf increase due to frontage
- Frontage Calculation: I = [F/P 0.25]w/30 • I = (991'-0" / 1160'-0" - 0.25) 30/30 = .60 Increase
- + 29,000 sf increase due to automatic sprinkler system (I = 2)

FIRE RATED SEPARATION REQUIREMENTS (508)

- Required Occupancy Separations: None
- Group A: Separate occupancy, no required separation per Table 508.4.
- Group B: Nonseparated occupancy, no required separation per 508.3.3.
- Group S: Accessory occupancy, no required separation per 508.2. Accessory Occupancies (ancillary to main occupancy of building) shall not occupy more than 10% of building area per story
- INCIDENTAL USES (509)
- Required, per Table 509: Furnace rooms, boiler rooms, refrigerant machinery room, laundry rooms over 100sf Provided: All project incidental uses are provided with an automatic sprinkler system
- CHAPTER 6: TYPES OF CONSTRUCTION
- CONSTRUCTION CLASSIFICATION
- 2B, with automatic sprinkler system per NFPA 13 Building elements listed in Table 601 (see below) are of noncombustible materials, except as permitted in Sectoin 603 and elsewhere in the code
- FIRE-RESISTANCE RATING REQUIREMENTS OF BUILDING ELEMENTS (Table 601 & 602)
- Primary Structural Frame
- 0 HOUR
- Bearing Walls, Exterior (Per Table 602):
- 1 HOUR, if less than 10 feet fire separation distance • 0 HOUR, if greater than or equal to 10 feet fire separation distance
- Bearing Walls, Interior 0 HOUR
- Non-bearing walls and partitions, Exterior (Per Table 602)
- 1 HOUR, if less than 10 feet fire separation distance
- 0 HOUR, if greater than or equal to 10 feet fire separation distance Non-bearing walls and partitions, Interior
- 0 HOUR, but not less than the fire-resistance rating required by other sections of this code. See shafts, etc. Floor construction and associated secondary members
- 0 HOUR Roof construction and associated secondary members
- 0 HOUR

COMBUSTIBLE MATERIAL IN TYPE 2 CONSTRUCTION Allowable materials as noted in 603.1

BUILDING CODE SUMMARY (Continued)

CHAPTER 7: FIRE AND SMOKE PROTECTION FEATURES

EXTERIOR WALLS (705)

- Buildings on the same lot shall be assumed ot have an imaginary line between them. Where a new building is to be erected on the same lot as an existing building, the location of the assumed imaginary line with relation to the existing building shall be such that the exteiror wall and opening protection of the existing building met the criteria as set forth in Sections 705.5 and 705.8. Openings per Table 705.8: Max area of exterior wall openings based on fire separation distance; unprotected, sprinklered (UP, S) 15% = 3' to <10'
 - 45% = 10' to <15'
 - 75% = 15' to <20'
- No limit = 20'+
- Parapets shall be provided on exterior walls of buildings where a fire-resistance rating is required. Parapet shall have same fire-resistance rating as the supporting wall, and the heigh of the parapet shall not be less than 30 inches above the point where the roof slope and the wall intersect. Parapet is required and provided at west Fire Wall

FIRE WALLS (706)

• Each portion of a building separated by a fire wall shall be considered a separate building. • Note: Fire Wall will occur where new construction abuts existing PAC

- Structural Stability (706.2): Fire walls shall be designed and constructed to allow collapse of the structure on either side without collapse of the wall Fire Wall Resistance-Rating (706.4):
- 2 Hours: Group E, per keynote A for Type II construction.
- Horizontal Continuity (706.5)
- Walls shall be permitted to terminate at interior surface of non-combustible exterior sheathing where the building on each side of the fire wall is protected by automatic sprinkler system (706.5, Exception 3).
- Provided: Existing PAC is sprinklered, as is the new construction. Vertical Continuity (706.6)
- Wall shall extend from foundation to at least 30" above adjacent roofs
- Exceptions:
- Stepped buildings per 706.6.1
- Fire wall shall terminate at a point not less than 30 inches above the lower roof, provided the exterior wall for a height of 15 feet above the lower roof is not less than 1-hour fire-resistance-rated construction from both sides with openings protected by fire assemblies having a fire protection rating of not less than 3/4 hour.
- Provided: Existing wall (higher roof) is 1-hour fire-resistance-rated construction with no openings above roof level. See fire-barrier on
- Construction Set Sheet A0.01 of existing PAC dated May 4, 2009. Optional: 2-hr fire rated walls can terminated at underside of roof sheathing, deck or slab provided;
- Lower roof assembly within 4' of wall is not less than 1-hr rated and entire length and span of supporting elements for the rated roof assembly has a min fire rating of 1-hr
- No openings in roof within 4'
- FIRE BARRIERS (707)
- Shaft Enclosures:
- See section 713 this sheet.
- Interior Exit Stairway Enclosures:
- Note: Interior Exit Stairway is not required since building is not higher than two stories per 1021.1.
- Note: Area under the Interior Exits Enclosures for Exit Access Stairways:
- Note: Exit access stairways are not required to be enclosed if they only serve two stories per 1009.3, Exception 1. Enclosures under interior stairways shall have walls and soffits that are protected by 1-hour fire-resistance-rated construction. See 707.3.3 for fire barrier
- separating building areas from an exit access stairway.
- *N/A:* Exit Passageway Enclosure:
- Note: Exit passageway enclosures are not required since interior exit stairways are not required, per 1022.1. N/A: Horizontal Exit:
- Note: No horizontal exits are designed in this project. Bottom of ramps exit directly to exterior, as does existing PAC exit.
- Incidental uses: See section 509 this sheet. Note, all incidental uses are protected with an automatic sprinkler sysem.
- Separated occupancies:
- See section 508 this sheet. Note, there are no separated occupancies this project that require fire barriers.
- Openings in Fire Barrier: Limited to 2% of length of the wall and maximum area of any single opening shall not exceed 15 sf. Exceptions
 - Openings not limited to 156 sf if provided with an automatic sprinkler system.
 - Openings not limited to 156 sf or 25% provision where opening protective is a fire door serving enclosures for exit access stairways, ramps, interior exit stairways / ramps.
- Openings not limited where opening protective has been tested in accordance with ASTM E 119 or UL 263 and has a minimum fire rating not less
- than the fire rating of the wall. • Fire window assemblies permitted in atrium separation walls not limited to 25% of length.
- Openings not limited where opening protective is a fire door assembly in a fire barrier separating enclosures for exit access stairways, ramps, interior exit stairways / ramps from an exit passageway in accordance with Section 1022.2.1
- FIRE PARTITIONS (708)
- N/A: Corridor Walls
- Note: 0 HOUR for E occupancies with a sprinkler system, per Table 1018.1
- N/A: Elevator Lobby • Note: An enclosed elevator lobby is not required when project is not more than three stories.
- SMOKE BARRIERS (709) AND SMOKE PARTITIONS (710)
- N/A: Project does not require smoke barriers or partitions as it does not include Group I-2 or I-3 occupancies, have areas of refuge, include underground buildings, have an elevator lobby or have multiple elevator compartments.
- HORIZONTAL ASSEMBLIES (711)

A fire-resistance rated horizontal assembly is required at the mechanical room below the egress stair, in Level 1 Area C.

- All other horizontal assemblies are nonfire-resistance-rated floor and roof assemblies and shall comply with Section 714.4.2.
- VERTICAL OPENINGS (712)
- Shaft enclosures (See 713)
- Penetrations (See 714)
- Ducts (See 717.6)
- Two-story openings: Permitted as it does not connect more than two stories.
- Note: This occurs at commons / dance balcony in this project. Stairway is an unenclosed exit access stairway.
- Unenclosed stairs and ramps: Permitted per Sections 1009.2 and 1009.3.
- SHAFT ENCLOSURES (713)
- Shaft enclosures shall be constructed as fire barriers.
- Shaft enclosures shall have a fire-resistance rating of not less than 1 HOUR where connecting less than four stories.
- Structural elements shall be protected (See 714) within a shaft enclosure. • Duct and air transfer openings (See 717)
- Enclosure at the bottom:
- For mechanical shafts: If there are openings and penetrations of the shaft enclosure to the interior of the building, the enclosure at the bottom needs to be constructed as a 1 HOUR fire barrier. • Elevator enclosures shall be constructed in accordance with Section 713, shaft enclosures. (Fire barrier, 1 hour rated)
- No elevator lobby required where an elevator shaft enclosure does not connect more than three stories.

OPENING PROTECTIVES (716)

• Fire doors shall have fire protection rating indicated in Table 716.5. Side-hinged or pivoted swinging doors shall be tested in accordance with NFPA 252 or UL10C.

- Table 716.5
- Fire walls: At area separation wall, 2 HOUR wall
- 1 1/2 HOUR: Minimum Fire Door Assembly Rating, 100 sq. in. max door vision panel with glazing marked D-H-90, sidelight or transom glazing not
- Fire barriers having a required fire-resistance rating of 1 hour: Enclosures for shafts. • 1 HOUR: Minimum Fire Door Assembly Rating, 100 sq. in. max door vision panel with glazing marked D-H-60, sidelight or transom glazing not permitted
- Other fire barriers: At enclosure under interior stairway, 1 HOUR
- 3/4 HOUR: Minimum Fire Door Assembly Rating, Maximum size tested door vision panel with glazing marked D-H-NT-45.
- Fire Partitions: Corridor Walls: Not required to be rated this project. Exterior Walls: At adjacent to area separation wall, 1 HOUR horizontal continuity
- 3/4 HOUR: Minimum Fire Door Assembly Rating, Maximum size tested door vision panel with glazing marked D-H-45.
- Smoke Barriers: N/A this project.

BUILDING CODE SUMMARY (Continued)

CHAPTER 8: INTERIOR FINISHES

CHAPTER 9: FIRE PROTECTION SYSTEMS

- Portable Fire Extinguishers Required: Portable fire extinguishes are required in the following locations, per Fire Code Section 906: Within 30 feet of commercial cooking equipment
 - In areas where flammable or combustible liquids are stored, used or dispensed. On each floor
- Special-hazard areas, including but not limited to laboratories, computer rooms, and where required by the AHJ. Provided: Within rooms noted below, in addition to general area and distance requirements outlined below. Kitchen 133
- Science Prep Room 149
- Science Classrooms 144, 145, 146, 147 Kiln Room 136A
- Computer Lab 113
- Photography Dark Room 203
- Commons Storage 134
- Mechanical Room M100 Electrical Room E101
- Required:
- Per Table 906.3 (1): Minimum rated single extinguisher shall be 2-A, Maximum floor area for each extinguisher shall be 11,250sf, Minimum distance of travel to an extinguisher shall be 75'

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- 906.5: Portable fire extinguishers shall be located in conspicuous locations where they will be readily accessible and immediately available for use. These locations shall be along normal paths of travel, unless directed otherwise by the AHJ.
- 906.8: Cabinets used to house portable fire extinguishers shall not be locked. • 906.9: Extinguishers weighing 40+ pounds shall be installed so that their tops are not more than 3.5 feet above the floor. Extinguishers weighing less than 40# may be installed so that their tops are not more than 5' above the floor. The clearance between the floor and the bottom of extinguishers shall not be less than 4"
- Provided: Provided per distances, areas, and mounting heights as noted above.
- CHAPTER 10: MEANS OF EGRESS (Also see "Code Plans Exiting" sheets for further info.)
- Ceiling height shall not be less than 7'-6".
- Headroom shall not be less than 80" for not more than 50% of the ceiling area.
- Horizontal projections shall not project horizontally more than 4" between 27" and 80" in elevation. Handrails are permitted to protrude 4.5" from wall. Required capacity of a means of egress system shall not be diminshed along the path of egress travel.
- Occupant Load: See Code Plan Exiting drawings, based on Table 1004.1.2 and Chapter 4.
- Means of Egress Sizing: See Code Plan.
- Stairways: Occupant Load x 0.2 (w/ sprinkler system and emergency voice/alarm communication system) Other Egress Components: Doors: Occupant Load x 0.15 (w/ sprinkler system and emergency voice/alarm communication system)
- Accessible Means of Egress • Elevator not required to be accessible means of egress in buildings less than four stories.
- Areas of refuge not required in buildings with sprinkler system.

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LEGEND N SOME NO	LEGEND NOTES NOTES ARE COMMON TO ALL ITES MAY NOT APPLY TO THIS SHEET		
	DE NOTES: New Construction: Level 1: 45,038 SF Level 2: 30,818 SF Total: 75,856 SF Allowable Area per Calculations: 52,200 SF (per floor) Existing PAC: Approximately 27,000 SF Note: Existing PAC will remain a separate building, designated as separated from New Construction by a 2 Fire Area Separation Wall	BID/PERMIT SET	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVELOPMENT PERMIT NUMBER: TBD BUILDING PERMIT NUMBER: TBD
	Definition of Building Area: "The area included within surrour exterior walls exclusive of vent shafts and courts. Areas of th building not provided with surrounding walls shall be included building area if such areas are included within the horizontal projection of the roof or floor above. Note: Trash Enclosure is separate building, not included in numbers above.	nding in the	ARCHINA THE, WA
$\frac{WA}{WALLF}$ $\frac{WALLF}{1}$ $\frac{2}{2} = \frac{WALLF}{FB} = FB$ $FB = FB$ $FB = FW = $	LUSEPARATION LEGEND	CODE PLAN - FIRE RATINGS - LEVEL 2	ACMA BEAVERTON SCHOOL DISTRICT
	NO. DESCRIPTION A18 FIRE EXTINGUISHER CABINET, SEMI-RECES (FEC-SR)	CP1.2 74-18109-00	03/14/19 REVISIONS HTS RESERVED
			© 2019, DLR Group Architecture & Engineering inc., an Oregon corporation, ALL RIGH

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CODE LEGEND - EGRESS (ACMA)

<u>SYM</u>	BOL LEGEND
####	- OCCUPANCY LOAD
	- ACCESSORY USE AREA (OCCUPANCY LOAD IS NOT INCLUDED IN LOADS BEYOND THIS ROOM)
0	 COMBINED OCCUPANT LOAD AT A GIVEN DOOR OR STAIR TOTAL EXIT CAPACITY OF DOOR OR STAIR (THE CAPACITY OF DOORS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDHT IN INCHES DIVIDED BY 0.2 THE CAPACITY OF STAIRS ARE DETERMINED AS FOLLOWS WIDTH IN INCHES DIVIDED BY 0.3)
	 COMBINED OCCUPANT LOAD AT A GIVEN DOOR. (SUM OF THESE EQUALS TOTAL OCCUPANT LOAD TOTAL EXIT CAPACITY OF DOOR (THE CAPACITY OF DOORS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDTH IN INCHES DIVIDED BY 0.2)
(PD) XX MIN	- PANIC DEVICE - DOOR FIRE RATING
\bigotimes	- EXIT SIGN
HAT	CH LEGEND
	FUNCTION OF SPACE FOR MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (TABLE 1004.1.2 IF NO HATCH, ASSUME EDUCATION (E)
	- ASSEMBLY (A-3) OCCUPANCY (1 OCCUPANT PER 7 NET SF OR PER 15 NET SF. SEE NOTES)
	- BUSINESS (B) OCCUPANCY (1 OCCUPANT PER 100 GROSS SF)
	- ACCESSORY STORAGE AREA, MECHANICAL EQUIPMENT ROOM (1 OCCUPANT PER 300 GROSS S ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF BUILDING AREA PER STOP
	- LIBRARY, READING ROOM OCCUPANCY (1 OCCUPANT PER 50 NET SF)

DIAGONAL DISTANCE OF 334'-6" / 3 = 111'-6" MIN SEPARATION

DIAGONAL DISTANCE OF 138'-3" / 3 = 46'-1" MIN SEPARATION

PROVIDED: DIAGONAL SEPARATION DISTANCE OF 106'-7"

COMMON PATH OF EGRESS TRAVEL

PER 1028.8, 75 FEET MAX FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF EGRESS

TRAVEL TO TWO EXITS, FOR AREAS SERVING LESS THAN 50

DIAGONAL SEPARATION DISTANCE OF 178'-7"

REQUIRED:

CENTRAL ZONE DIAGONAL DISTANCE OF 258'-6" / 3 = 86'-2" MIN SEPARATION

ENTIRE FLOOR

REQUIRED:

PROVIDED:

SOUTH ZONE

REQUIRED:

ALLOWABLE

OCCUPANTS

PROVIDED:

66'-0"

REQUIRED: DIAGONAL DISTANCE OF 138'-0" / 3 = 46'-0" MIN SEPARATION PROVIDED: DIAGONAL SEPARATION DISTANCE OF 65'-0"

1/3 THE LENGTH OF MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED, PER 1015.2.1.2

ALLOWABLE:

SEPARATION OF EXITS

NORTH ZONE

LEVEL 2 OCCUPANCY 973 TOTAL OCCUPANTS

REQUIRED 3 EXITS REQUIRED THIS LEVEL, PER OSSC 1015.1.1

PROVIDED **3 STAIRWAYS**

EGRESS STAIRWAY WIDTH TO BE MULTIPLIED BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM, PER 1005.3.1 EXCEPTION

NORTH STAIR: 8'-0" STAIRWAY

84" / 0.2 = 480 OCCUPANT CAPACITY

- CENTRAL STAIR: 4'-0" STAIRWAY

84" / 0.2 = 240 OCCUPANT CAPACITY

SECOND EXIT ACCESS DOORWAY REQUIRED OUT OF NORTH ZONE DURING AFTER HOURS ZONING. DURING FULL SCHOOL CAPACITY, THESE DOORS WOULD BE OPEN AND EGRESS FROM NORTH AREA NEED NOT BE ADDED TO EXTERIOR EXIT DOORS SOUTH OF THIS LINE

EXIT OR EXIT ACCESS DOORWAY ARRANGEMENT PER 0SSC 1015.2.2, WHERE ACCESS TO THREE OR MORE EXITS IS REQUIRED, TWO EXITS SHALL BE ARRANCED PER 1015.2.1, WHICH STATES THAT TWO EXITS ARE REQUIRED TO BE SEPARATED BY 1/3 THE DISTANCE OF OVERALL DIAGONAL DIMENSION.

PROVIDED: TWO EXITS OF SOUTH AND CENTRAL ZONES ARE DESIGNED PER 1015.2.1.

<u>SIZE OF DOORS:</u> THE MAXIMUM WIDTH OF A SWINGING DOOR LEAF SHALL BE 48 INCHES NOMINAL.

MINIMUM WIDTH BASED ON COMPONENT (DOORS): ALLOWABLE:

OCCPUANT LOAD x 0.15 INCH PER OCCUPANT 275 OCCUPANTX x 0.15 INCH = 41.25 INCHES MINIMUM WIDTH

PROVIDED: 42 INCH CLEAR WIDTH (48" PANEL DOOR MINUS JAMB AND DOOR THICKNESS)

EGRESS STAIRWAY WIDTH

TO BE MULTIPLIED BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM, PER 1005.3.1 EXCEPTION

PROVIDED: 8'-0" STAIRWAY 84" / 0.2 = 480 OCCUPANT CAPACITY

DEAD ENDS: ALLOWABLE:

PER 1018.4, EXCEPTION 2: DEAD END CORRIDOR SHALL NOT EXCEED 50'-0" PROVIDED

48'-9"

COMMON PATH OF EGRESS TRAVEL ALLOWABLE:

PER 1028.8, 75 FEET MAX FROM ANY SEAT TO A POINT WHERE AN OCCUPANT HAS A CHOICE OF TWO PATHS OF EGRESS TRAVEL TO TWO EXITS, FOR AREAS SERVING LESS THAN 50 OCCUPANTS

PROVIDED: 58'-0"

MAX EXIT ACCESS TRAVEL DISTANCE ALLOWABLE: 250' MAX, PER 1016.2

PROVIDED: 178'-9" (LEVEL 2) +27'-6" (STAIR & LANDING) +42'-9" (LEVEL 1) = 249'-0" TOTAL EXIT ACCESS TRAVEL DISTANCE

CODE LEGEND - EGRESS (ACMA)

SYMBOL LEGEND

- OCCUPANCY LOAD ### - ACCESSORY USE AREA (OCCUPANCY LOAD IS NOT INCLUDED IN LOADS BEYOND THIS ROOM) 0 - COMBINED OCCUPANT LOAD AT A GIVEN DOOR OR STAIR - TOTAL EXIT CAPACITY OF DOOR OR STAIR 0 (THE CAPACITY OF DOORS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDHT IN INCHES DIVIDED BY 0.2 THE CAPACITY OF STAIRS ARE DETERMINED AS FOLLOWS WIDTH IN INCHES DIVIDED BY 0.3) 0 - COMBINED OCCUPANT LOAD AT A GIVEN DOOR. (SUM OF THESE EQUALS TOTAL OCCUPANT LOAD) - TOTAL EXIT CAPACITY OF DOOR (THE CAPACITY OF DOORS ARE DETERMINED AS FOLLOWS: CLEAR OPENING WIDTH IN INCHES DIVIDED BY 0.2) 0 PD - PANIC DEVICE XX MIN - DOOR FIRE RATING - EXIT SIGN HATCH LEGEND FUNCTION OF SPACE FOR MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (TABLE 1004.1.2) IF NO HATCH, ASSUME EDUCATION (E) - ASSEMBLY (A-3) OCCUPANCY (1 OCCUPANT PER 7 NET SF OR PER 15 NET SF. SEE NOTES) - BUSINESS (B) OCCUPANCY (1 OCCUPANT PER 100 GROSS SF) - ACCESSORY STORAGE AREA, MECHANICAL EQUIPMENT ROOM (1 OCCUPANT PER 300 GROSS SF) ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF BUILDING AREA PER STORY - LIBRARY, READING ROOM OCCUPANCY (1 OCCUPANT PER 50 NET SF)

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	ITEM TO SALVAGE	LOCATION	DEPARTMENT TO SALVAGE	
	Simplex Fire Alarm Panel		OWNER - Elec Dept	1
	NAC Panels (2)		OWNER - Elec Dept	
	Remote Fire Alarm Annunciator		OWNER - Elec Dept	1
	Fire Alarm Accessories & Fire Pull Covers	Throughout	OWNER - Elec Dept	
	Rauland Paging Computer & Amplifier	Office	OWNER - Elec Dept	
	Rauland Wall Mounted Speakers	Throughout	OWNER - Elec Dept	A
	CPB Electrical Panel with Breakers	Work Room	CONTRACTOR to remove and hand over to Owner (Elec Dept)	В
	CPC Electrical Panel with Breakers	Cafe Mezzanine	CONTRACTOR to remove and hand over to Owner (Elec Dept)	1
	Lighting Fixture Diffusers	Throughout	OWNER - Elec Dept	
	Master Clock	Office	OWNER - Elec Dept	
	Primex Clocks	Throughout	OWNER - Elec Dept	
	Primex Receiver & GPS Antenna on Top of Roof	Main Office	OWNER - Elec Dept	
	Data Cabinets (2)		CONTRACTOR to remove and hand over to Owner (IT Dept)	
	Network Racks Mounted Gear		OWNER - IT Dept	
	Shortel Phones	Throughout	OWNER - IT Dept	
	Wireless Access Points (WAPs)	Throughout	OWNER - IT Dept	
	Lightning Arrestors	Portables	OWNER - IT Dept	
	HVAC Controls	Mechanical	OWNER - Maint HVAC Tech	
	Freon	Mechanical	OWNER - Maint HVAC Tech	
	Parts from the Aaon Rooftop	Rooftop	OWNER - Maint HVAC Tech	
	Kitchen Equipment (List of equipment available upon request)	Kitchen	OWNER - Nutrition Services	G
	Access Controls: Crash Bars, Card Readers	Throughout	OWNER - Fac Dev	н
	Wood Panel Doors (select)	Throughout	OWNER - Fac Dev	
	Copiers (2)	Throughout	OWNER - Fac Dev	
	Paper Carts (2)	Throughout	OWNER - Fac Dev	
	Water Machines	Portables	OWNER - Fac Dev	".
	Un-opened Water Bottles	Portables	OWNER - Fac Dev	
	Magnetic White Boards	Throughout	OWNER - Maintenance Dept	
	Plumbing Fixtures	Throughout	OWNER - Maintenance Dept	
	Door Hardware	Throughout	OWNER - Maintenance Dept	
	Aluminum Portable Decking & Stairs	Portables	OWNER - Maintenance Dept	
	USPS Mail Box		OWNER - Maintenance Dept	K
	Storage Shelving	Throughout	OWNER - Maintenance Dept	L
	Key Box	Health Room	OWNER - Maintenance Dept	
	Fire Extinguishers	Throughout	OWNER - Maintenance Dept	
	Custodial Equipment	Throughout	OWNER - Maintenance Dept	
	Automated External Defibrillators (AED)		OWNER - Risk Dept	
x	Artwork	Throughout	OWNER - ACMA	
\rightarrow	Wainscotting	Hallways	CONTRACTOR - select pristine pieces to install in new reception	
V	Generator	Trash Enclosure	CONTRACTOR to remove and hand over to Owner (Elect Dept)	
				.1

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

DEMOLITION GENERAL NOTES

- DEMOLITION GENERAL NOTES APPLY TO ALL DEMOLITION SHEETS. COORDINATE DEMOLITION AND PHASING EFFORTS WITH ARCHITECT AND OWNER'S REPRESENTATIVES. EVERY EFFORT
- SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS AND TO PROVIDE BUILDING USER'S SAFETY. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH OWNER'S REPRESENTATIVE. COORIDNATE DISRUPTION OF UTILITY SERVICES WITH OWNER
- AND AS SPECIFIED. INSTALL SIGNAGE AND OTHER TEMPORARY SIGNAGE TO DISCOURAGE CONTRACTORS FROM ENTERING NON-SCOPE
- AREAS DURING ALL CONSTRUCTION WORK. PROVIDE PROTECTION FOR EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
- REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
- EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT. VERIFY AND MAINTAIN LOCATION OF EXISTING POWER, SECURITY
- COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF SERVICE. COORDINATE WITH OWNER WHEN / IF DISRUPTION OF SERVICE IS EXPECTED. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING
- FROM REMOVAL OR REROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, ETC. AS REQUIRED TO MAINTAIN FIRE RATED ASSEMBLIES. MATCH FINISH OF NEW OR EXISTING ADJACENT SURFACES.
- CAP DISCONNECTED MECHAINCAL PIPING LINES WITHIN WALL OF FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
- SEE MEP DRWAINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK. AVOID DISTURBING OF SOILS WITHIN ZONE OF INFLUENCE
- AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.

EXISTING CONCRETE & ASPHALT PAVING TO BE DEMOLISHED. SEE LANDSCAPE AND CIVIL DRAWINGS $1 \rightarrow 1 \rightarrow 1$ FOR FULL EXTENT.

> EXISTING BUILDINGS TO BE DEMOLISHED

EXISTING PORTABLES TO BE DEMOLISHED

EXISTING UTILITIES TO BE REROUTED / CAPPED. SEE CIVIL & MEP SD NARRATIVES

EXISTING FENCED AREA (TRASH ENCLOSURE) TO BE DEMOLISHED

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	LEGEND NOTES A	LEGEND NOTES		
	SOME NOTES MAY DEMOLITION SHEETS. B. COORDINAT ARCHITECT SHALL BE M OPERATION EXCESSIVE COORDINAT C. COORIDNAT AND AS SPE D. INSTALL SIG DISCOURAG AREAS DUR E. PROVIDE PF EQUIPMENT CONSTRUCT CONTRACT. F. REPAIR OR DEMOLITION AND/OR COI G. EXISTING M OTHERWISE H. VERIFY AND COMMUNIC/ OF SERVICE	Y NOT APPLY TO THIS SHEET FIGN GENERAL NOTES A GENERAL NOTES APPLY TO ALL DEMOLITION TE DEMOLITION AND PHASING EFFORTS WITH AND OWNER'S REPRESENTATIVES. EVERY EFFORT ADE TO MINIMIZE DISRUPTION OF OWNER'S S AND TO PROVIDE BUILDING USER'S SAFETY. NOISE OR VIBRATION SHALL BE PRE-APPROVED AND TED WITH OWNER'S REPRESENTATIVE. TE DISRUPTION OF UTILITY SERVICES WITH OWNER CIFIED. WAGE AND OTHER TEMPORARY SIGNAGE TO DE CONTRACTORS FROM ENTERING NON-SCOPE ING ALL CONSTRUCTION WORK. ROTECTION FOR EXISTING BUILDING MATERIALS AND FROM DAMAGE DUE TO DEMOLITION OR TION-RELATED INCIDENT PERFORMED UNDER THIS REPLACE ITEMS DAMAGED AS A RESULT OF N OR CONSTRUCTION TO MATCH EXISTING FINISH NDITION. ATERIALS SHALL NOT BE REUSED UNLESS NOTED TO RAS AUTHORIZED BY ARCHITECT. MAINTAIN LOCATION OF EXISTING POWER, SECURITY, ATION AND DATA CABLES TO PREVENT INTERRUPTION COORDINATE WITH OWNER WHEN / IF DISRUPTION	BID/PERMIT SET	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVELOPMENT PERMIT NUMBER: TBD BUILDING PERMIT NUMBER: TBD
	OF SERVICE I. PATCH FLOO FROM REMO DUCTWORK RATED ASSI ADJACENT S J. CAP DISCON FLOOR. PAT EXISTING AI K. SEE MEP DF SCOPE OF V L. AVOID DISTI AROUND EX GEOTECHNI D01 D02 D03 D04 D05 D04 D05 D06 D06 D07 D08 D09	IS EXPECTED. DR, WALL AND CEILING PENETRATIONS RESULTING DVAL OR REROUTING OF NEW OR EXISTING PIPING, , CONDUIT, ETC. AS REQUIRED TO MAINTAIN FIRE EMBLIES. MATCH FINISH OF NEW OR EXISTING SURFACES. MAINGS AND CHEAINCAL PIPING LINES WITHIN WALL OR TCH AND FINISH AS REQUIRED TO MATCH NEW OR DJACENT SURFACES. WAINGS AND NOTES FOR FURTHER SEQUENCING AND YORK. JRBING OF SOILS WITHIN ZONE OF INFLUENCE ISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY CAL ENGINEER. DESCRIPTION CUT OPENING IN EXISTING EXTERIOR WALL TO ALIGN WITH NEW DOOR OPENING. SEE A1.1A, DOOR P100 & P101. FIELD VERIFY WALL ASSEMBLY TYPE. NOTE, IF RAMP DEDUCTIVE ALTERNATE IS TAKEN, DO NOT PERFORM THIS SCOPE OF DEMOLITION FOR DOOR D100. REMOVE DOOR PANEL, FRAME, AND HARDWARE. PATCH INTERIOR FINISH WALL TO MATCH ADJACENT WALL TYPE, FIELD VERIFIED. REMOVE KEY CORES PER HARDWARE SETS AND SPECIFICATION. SEQUENCE WORK WITH INSTALLATION OF NEW CORES TO MAINTAIN A SECURED BUILDING. REMOVE EXTERIOR RAMP, STAIRS, AND ASSOCIATED RAILINGS. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE EXTERIOR CANOPY ABOVE DOORS. FIELD VERIFY STEEL CHANNELS AND ANGLES, AND METAL DECK. REMOVE ENTERIOR TO DRAWING AND SPECIFICATIONS FOR REMOVAL. DEMOLISH CARPET REMOVE AND RELOCATE EXIT SIGNS AT EAST HALLWAY FOR REVISED EGRESS ROUTES. COORDI	DEMOLITION PLAN, PERFORMING ARTS	ACMA BEAVERTON SCHOOL DISTRICT
			AD1.1	74-18109-00 03/14/19 REVISIONS IS RESERVED
		KEY PLAN		CLK COUD Architecture Engineering Planning Interiors ©2019, DLR Group Architecture & Engineering inc., an Oregon corporation, ALL RIGHTs










	ROOM FINISH SCHEDULE				_ROOM FINISH SCHEDULE_												
		FLOOR	BASE			WALL	WEST	COMMENTS			FLOOR	BASE		W	ALL	WEST	COMMENTS
NUNDER			FINISH	NORTH	EAST	30011	VVEST	COMMENTS	NUNDER		FINISH	FINISH	NORTH	EAST	300TH	VVEST	COMMENTS
100	ENTRY VESTIBULE	CPT-1	RB-1	PT-1	PT-1	PT-1	PT-1		200	GALLERY	RF-1	WB-2	PT-1	- DT_1	PT-1	PT-1	
100	RECEPTION	CPT-2	RB-1	PT-4	PT-1/ PT-3/	PT-1	PT-1	SEE INTERIOR ELEVATION FOR EAST WALL	203	DARK ROOM	PC-1	RB-1	PT-6	PT-6	PT-6	PT-6	
103	BOOKKEEPING	CPT-2	RB-1	PT-1	PT-4	PT-1	PT-1		204	SW HALL	RF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
103A	STORAGE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		205 205A	OFFICE	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1 PT-1	
104		CPT-2	RB-1	PT-1	PT-1	PT-1	PT-3		205B	OFFICE	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	
106	PRINCIPAL	CPT-2	RB-1	-	PT-1	PT-1	PT-1		205C 205D	CONFERENCE	CPT-2 CPT-2	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1	PT-1 PT-1	
107	SECRETARY	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		207	CLASSROOM	RF-1	RB-1	PT-1	PT-1	PT-1/ATP-1	PT-1	
108	PRINCIPAL	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1		209 210	EXTENDED	RF-1 CPT-2	RB-1 RB-1	PT-1 PT-1/WS-1	PI-1/AIP-1 -	PI-1 PT-1	PI-1 -	
109	WORKROOM	RF-3	RB-1	PT-1	PT-1	PT-1	PT-1		2404					DT 4		DT 4	
	PRINCIPAL						1 1-1		210A 211	CLASSROOM	RF-1	RB-1 RB-1	PT-4 PT-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1/ ATP-1	
112	BREAKROOM	PC-1	RB-1	PT-3 PT-1	PT-1	PT-1	PT-1 PT-1		212	CLASSROOM	RF-1	RB-1	PT-1	PT-1	PT-1/ATP-1	PT-1	
114	FILM	PC-1	RB-1	PT-1	PT-1	PT-5	PT-1		214 216	CLASSROOM	RF-1 RF-1	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1/ ATP-1 PT-1/ ATP-1	PT-1 PT-1	
114A	FILM STUDIO	PC-1	RB-1	PT-1	PT-5	PT-5	PT-5		217	DANCE OFFICE	RF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
114B 114C	SOUND STUDIO	PC-1 PC-1	RB-1	PT-5	PT-5	PT-5	PT-5 PT-1		218 220	BOYS CHANGING	RF-3	RB-1	PT-1 PT-4	PT-4 PT-1	PT-1	PT-1 PT-1	
115	LIBRARY	CPT-2	RB-1	PT-3	PT-1	PT-1	PT-1		222	SE HALL				1 1-1		1 1-1	
115A 115B	STORAGE	SC-1	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1		234	DANCE (TAP)	WF-2	RB-1	PT-1	PT-1	PT-1/ MIRROR	PT-1	
116	ENTRY GALLERY	PC-1	WB-2	-	PT-1	PT-1	PT-1		236	DANCE	RF-5	RB-1	PT-1	PT-1	PT-1/	PT-1	
118	CONFERENCE	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-3		238		RE-5	RB-1	PT_1	PT_1	MIRROR	PT_1	
120	MUSIC HALL	PC-1	RB-1	PT-1	PT-1	PT-1	PT-1		200	DANGE				1 1-1	MIRROR	1 1-1	
121A	STORAGE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		241 242	DANCE BALCONY	RF-1	RB-1/ RB-2	PT-1 PT-1	PT-1/ PT-4 PT-1	PT-1 ρτ_1/ Δτρ_1	PT-1 PT-1	
122 122A	SMALL ENSEMBLE	SC-1	RB-1 RB-1	PT-1/ATP-1 PT-1	PT-1 PT-1	PT-1/ATP-1 PT-1	PT-1 PT-1		243	CLASSROOM	RF-1	RB-1	PT-1	PT-1	PT-1/ ATP-1	PT-1	
123	OFFICE	PC-1	RB-1	PT-1	PT-1	PT-1	PT-1		244	CLASSROOM	RF-1	RB-1	PT-1	PT-1	PT-1/ATP-1	PT-1	
124	ENSEMBLE PRACTICE	RF-2	RB-1	PT-1	PT-1	PT-1	PT-1		245 246	CLASSROOM	RF-1 RF-1	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1/ATP-1 PT-1	PT-1 PT-1/ATP-1	
124A	RECORDING	RF-2	RB-1	PT-1	PT-1	PT-1	PT-1		247	CLASSROOM	RF-1	RB-1	PT-1	PT-1/ATP-1	PT-1	PT-1	
125 126	PRACTICE	PC-1	RB-1	PT-1/ ATP-1	PT-1 PT-1/ ATP-1	PT-1	PT-1/ ATP-1 PT-1		249	TEACHER PLANNING	RF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
126A	STORAGE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		250	EXTENDED	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1/WS-1	
127	PRACTICE	PC-1	RB-1	PT-1/ ATP-1	PT-1	PT-1	PT-1/ ATP-1		251	NE HALL	RF-1	RB-1	PT-1	PT-1	PT-1	PT-1	
129	EAST VESTIBULE	CPT-1	RB-1 RB-1	PT-1/ATP-1 PT-1	PT-1 PT-1	PT-1 PT-1	PT-1/ATP-1 PT-1		BRR100	BOYS RR	TL-1	TLB-2	TL-2/ TL-3/	TL-2/ TL-3/	PT-1	TL-2/ TL-3/	SEE INTERIOR ELEVATION FOR TILE
131	EAST WEST HALL	PC-1/ PC-2	RB-1/ RB-2	WS-1/ PT-1	PT-1	PT-1/ PT-4	PT-1	PC-2, RB-2 & PT-4 AT FILM CLASSROOM	BRR101	BOYS RR	TL-1	TLB-2	TL-4/ PT-1 TL-2/ TL-3/	TL-4/ PT-1 TL-2/ TL-3/	PT-1	TL-4/ PT-1 TL-2/ TL-3/	SEE INTERIOR ELEVATION FOR TILE
131A	STORAGE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	ENTRY, SEE ELEVATIONS	DDD 000		T 1 4		TL-4/ PT-1	TL-4/ PT-1		TL-4/ PT-1	
132	CAREER CENTER	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1		BRR200	BOYSRR	IL-1	ILB-2	TL-2/ TL-3/ TL-4/ PT-1	TL-2/ TL-3/ TL-4/ PT-1	PI-1	TL-2/ TL-3/ TL-4/ PT-1	PATTERN
132A 132B	OFFICE	SC-1 CPT-2	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1		BRR201	BOYS RR	TL-1	TLB-2	TL-2/ TL-3/	TL-2/ TL-3/	PT-1	TL-2/ TL-3/	SEE INTERIOR ELEVATION FOR TILE
132C	OFFICE	CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1		C100	CUSTODIAN	SC-1	RB-1	PT-1/ FRP-2	PT-1	PT-1	PT-1/ FRP-2	
132D		CPT-2	RB-1	PT-1	PT-1	PT-1	PT-1	FRP & STAINI ESS STEEL PANELS ON	C101	MOP	SC-1	RB-1	PT-1	PT-1/FRP-2	PT-1/ FRP-2	PT-1/FRP-2	
							1 1-1	WALLS PER FOOD SERVICE DRAWINGS	C200	ACCESS	50-1	RB-1	P1-1/FRP-2	P1-1/FRP-2	P1-1	P1-1	
133A 134	STORAGE RISER &	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		E100	MDF	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	
104	COMMONS	00-1					1 1 - 1		E101 E101A	ELECTRICAL	SC-1 SC-1	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1	
136	3D ART	PC-1	RB-1	PT-1	PT-1	PT-1	PT-1		E 400	ELECTRICAL	00.4		DT 4	DT 4		DT 4	
136A	KILN	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		E102 E200	ELECTRICAL	SC-1 SC-1	RB-1 RB-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1	PT-1 PT-1	
138 140	2D ART	PC-1 CPT-1	RB-1	PT-1/ GL PT-1	PT-1	PT-1	PT-1 PT-1		E201	IDF	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	
141	COMMONS	PC-1/ PC-2/	RB-1/ RB-2	PT-1/WS-1	PT-1/ PT-4	PT-1	PT-1	PC-2, RB-2 & PT-4 AT CLASSROOM	ELEV	ELEVATOR	RF-1	-	SS	SS	SS	SS	STAINLESS STEEL PANELS INSIDE CAB
		WF-1						ENTRIES, WF-1 & WS-1 AT PLATFORM, SEE ELEVATIONS	ELEV	ELEVATOR	RF-1	-	SS	SS	SS	SS	STAINLESS STEEL PANELS INSIDE CAB
141A	STORAGE	PC-1	RB-1	PT-1	PT-1	PT-1	PT-1		GRR100	GIRLS RR	TL-1	TLB-2	PT-1	TL-2/ TL-3/	TL-2/ TL-3/	TL-2/ TL-3/	SEE INTERIOR ELEVATION FOR TILE
142	TEACHER PLANNING	PC-1	RB-1	PT-1	PT-1	PT-1/ ATP-1	PT-1				TI 4			TL-4/ PT-1	TL-4/ PT-1	TL-4/ PT-1	
143	DESIGN STUDIO	PC-1	RB-1	PT-1	PT-1	PT-1/ ATP-1	PT-1		GRR101	GIRLS RR	IL-1	ILB-2	PI-1	TL-2/ TL-3/ TL-4/ PT-1	TL-2/ TL-3/ TL-4/ PT-1	TL-2/ TL-3/ TL-4/ PT-1	PATTERN
144	SCIENCE CLASSROOM	PC-1	RB-1	PT-1/ ATP-1	PT-1	PT-1	PT-1/ ATP-1		GRR200	GIRLS RR	TL-1	TLB-2	PT-1	TL-2/ TL-3/	TL-2/ TL-3/	TL-2/ TL-3/	SEE INTERIOR ELEVATION FOR TILE
145	SCIENCE	PC-1	RB-1	PT-1/ ATP-1	PT-1	PT-1	PT-1		GRR201	GIRLS RR	TL-1	TLB-2	PT-1	TL-4/ PT-1 TL-2/ TL-3/	TL-4/ PT-1 TL-2/ TL-3/	TL-4/ PT-1 TL-2/ TL-3/	SEE INTERIOR ELEVATION FOR TILE
146	SCIENCE CLASSROOM	PC-1	RB-1	PT-1	PT-1	PT-1/ ATP-1	PT-1/ ATP-1		M100		SC_1	RB_1		TL-4/ PT-1	TL-4/ PT-1	TL-4/ PT-1	PATTERN
147	SCIENCE (CHEM)	PC-1	RB-1	PT-1	PT-1	PT-1/ ATP-1	PT-1		M100	FIRE RISER	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	
149	SCIENCE PREP	PC-1	RB-1	PT-1	PT-1	PT-1	PT-1		M102	SCIENCE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1	
151	SCIENCE HALL	PC-1	RB-1	PT-1	PT-1/WS-1	PT-1	PT-1/WS-1		UR100	WC	RF-3	RB-1	PT-1/ FRP-1	PT-1/ FRP-1	PT-1/ FRP-1	PT-1	
151A	STORAGE	SC-1	RB-1	PT-1	PT-1	PT-1	PT-1		UR101	WC	RF-3	RB-1	PT-1/ FRP-1	PT-1/ FRP-1	PT-1/ FRP-1	PT-1	
									UR102 UR103	WC	кн-3 RF-3	кв-1 RB-1	PT-1/FRP-1 PT-1/FRP-1	PT-1	PT-1/FRP-1 PT-1/FRP-1	PT-1/ FRP-1 PT-1/ FRP-1	
									UR200	WC	RF-3	RB-1	PT-1/ FRP-1	PT-1	PT-1/ FRP-1	PT-1/ FRP-1	
									UR201	WC	RF-3	RB-1	PT-1/ FRP-1	PT-1	PT-1/ FRP-1	PT-1/ FRP-1	

LEGEND NOTES

SET

RMIT

BID/PEI

JMBE 1BER:

DITION IGN REV DEVEL

CONF DESI SITE BUILI

REDARCH

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

ROOM FINISH SCHEDULE GENERAL NOTES

- A. ROOM FINISH SCHEDULE GENERAL NOTES APPLY TO ALL ROOM FINISH SCHEDULE SHEETS.
- B. SEE SPECIFICATION FOR PAINTING OF ITEMS NOT NOTED IN THE ROOM FINISH SCHEDULE.
 C. EXPOSED CONCRETE FLOOR SLABS NOT SCHEDULED TO RECEIVE A FINISH SHALL RECEIVE A HARDENER DENSIFIER
- UNLESS NOTED OTHERWISE. D. ALL GYPSUM WALLBOARD BULKHEADS SHALL BE PAINTED PT-1
- UNLESS NOTED OTHERWISE. CEILING HEIGHTS, AS NOTED ON THE REFLECTED CEILING PLANS,
- ARE MEASURED FROM FINISH FLOOR OF SCHEDULED ROOM. CONTRACTOR SHALL FURNISH AND INSTALL WALL BASE AROUND CASEWORK AND MILLWORK.
- G. WHERE FLOOR FINISH CHANGES FROM ONE ROOM TO ANOTHER, SET JOINT OF THE MATERIALS AT THE CENTER OF THE COMMUNICATING DOOR.
- H. SEE SHEET A0.4 FOR TYPICAL HALLWAY DISPLAY WALL DETAILS.
 I. SEE INTERIOR ELEVATIONS AND FINISH FLOOR PLANS FOR ACOUSTICAL WALL PANELS.

ROOM FINISH SCHEDULE SPECIFIC NOTES

FLOOR NOTES:

F1. THIN-SET CERAMIC TILE FLOORS.

F2. DEPRESS CONCRETE DECK ASSEMBLY 2-1/2 INCHES FOR WOOD ATHLETIC FLOORING. VERIFY RECESS DEPTH WITH WOOD FLOOR MANUFACTURER.

F3. NOT USED

F4. DEPRESS CONCRETE SLAB 8 1/4 INCH FOR WALK IN COOLERS IN KITCHEN. VERIFY RECESS DEPTH WITH MANUFACTURER.

F5. SEE FINISH PLANS FOR FLOOR PATTERN.

F6. SEE FINISH PLANS FOR CERAMIC TILE FLOOR PATTERN. WALL NOTES:

W1. SEE SHEET A2.2 FOR CERAMIC TILE WALL ELEVATIONS.

W2. CERAMIC TILE WAINSCOT TO 5'-0" MIN. ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE IN ELEVATIONS.

W3. PAINT THE JANITOR'S CLOSET WALLS AND PROVIDE FRP ON WET WALLS TO 5'-0" ABOVE FINISH FLOOR.

W4. PAINT EXPOSED STEEL COLUMNS PT-1, UNLESS ADJACENT TO A BRACED FRAME.

W5. PAINTED EXPOSED STEEL BRACED FRAMES PT-4.

CEILING NOTES:

C1. SEE REFLECTED CEILING PLANS FOR CEILING ACCENT PAINT COLORS AND LOCATIONS.

C2. PAINT EXPOSED STEEL DECK PT-1.

C3. PAINT EXPOSED STRUCTURE PT-1.

MISCELLANEOUS ITEMS:

M1. PAINT HANDRAILS PT-?.

M2. PAINT GUARDRAILS PT-1.

M3. PAINT MISCELLANEOUS STEEL AT STAIR (STRINGERS, HANDRAILS, STEEL PANS, ETC.) PT-1.

A0.0 74-18109-00 03/14/19



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Material Number Material 03 35 43 Concrete PC-1 POL SC-1 SEA 06 20 23 Interior F WB-1 WOO WB-2 WOO WP-S WOO 08 80 00 Glazing MR4 MR-4 MIRF 09 30 00 Tiling TL-1 TL-2 TILE TL-3 TILE	Description e Finishing LISHED CONCRETE ALED CONCRETE Finish Carpentry OD BASE OD BASE OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR	Manufacturer Manufacturer	Product WOOD BASE WOOD BASE - PAINTED	Size	PAINTED WHITE PT-1	Notes Notes CLEAR SEALER, LOW VOC AT ENTRY GALLERY AND SOUTH COMMONS WALL FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
03 35 43 Concrete PC-1 POL SC-1 SEA 06 20 23 Interior F WB-1 WOO WB-2 WOO WP-S WOO 08 80 00 Glazing MR-4 MIRI MR-5 MIRI 09 30 00 Tilling TL-1 TILE TL-3 TILE	e Finishing LISHED CONCRETE ALED CONCRETE Finish Carpentry OD BASE OD BASE OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	WOOD BASE WOOD BASE - PAINTED	4"H 4"H	PAINTED WHITE PT-1	CLEAR SEALER, LOW VOC AT ENTRY GALLERY AND SOUTH COMMONS WALL FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
PC-1 POL SC-1 SEA 06 20 23 Interior F WB-1 WOO WB-2 WOO WP-S WOO 08 80 00 Glazing MIRI MR-4 MIRI MR-5 MIRI 09 30 00 Tilling TL-1 TL-2 TILE TL-3 TILE	LISHED CONCRETE ALED CONCRETE Finish Carpentry OD BASE OD BASE OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	WOOD BASE WOOD BASE - PAINTED	4"H 4"H	PAINTED WHITE PT-1 SAND & STAIN	CLEAR SEALER, LOW VOC AT ENTRY GALLERY AND SOUTH COMMONS WALL FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
SC-1 SEA 06 20 23 Interior F WB-1 WOO WB-2 WOO WP-S WOO WS-1 WOO 08 80 00 Glazing MIRI MR-4 MIRI 09 30 00 Tillirg TL-1 TL-1 TILE TL-2 TILE TL-3 TILE	ALED CONCRETE Finish Carpentry OD BASE OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	WOOD BASE WOOD BASE - PAINTED	4"H 4"H	PAINTED WHITE PT-1 SAND & STAIN	CLEAR SEALER, LOW VOC AT ENTRY GALLERY AND SOUTH COMMONS WALL FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
06 20 23 Interior F WB-1 WOO WB-2 WOO WP-S WOO WS-1 WOO 08 80 00 Glazing MIRI MR-4 MIRI MR-5 MIRI 09 30 00 Tilling TILE TL-1 TILE TL-2 TILE	Finish Carpentry OD BASE OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	WOOD BASE WOOD BASE - PAINTED	4"H 4"H	PAINTED WHITE PT-1 SAND & STAIN	AT ENTRY GALLERY AND SOUTH COMMONS WALL FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
WB-1 WOO WB-2 WOO WP-S WOO WS-1 WOO 08 80 00 Glazing MR-4 MIRI MR-5 MIRI 09 30 00 Tiling TL-1 TILE TL-2 TILE TL-3 TILE	OD BASE OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	WOOD BASE WOOD BASE - PAINTED	4"H 4"H	PAINTED WHITE PT-1 SAND & STAIN	AT ENTRY GALLERY AND SOUTH COMMONS WALL FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
WB-2 WOO WP-S WOO WS-1 WOO 08 80 00 Glazing MR-4 MR-4 MIRI 09 30 00 Tiling TL-1 TL-1 TILE TL-2 TILE TL-3 TILE	OD BASE OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	WOOD BASE - PAINTED	4"H	PT-1	FLUSH WITH WALL ABOVE WITH 1/4 REVEAL
WP-S WOO WS-1 WOO 08 80 00 Glazing MIRI MR-4 MIRI MR-5 MIRI 09 30 00 Tiling TL-1 TL-1 TILE TL-2 TILE TL-3 TILE	OD PANELS - SALVAGED OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD	PAINTED		SAND & STAIN	REVEAL
WF-3 WOO WS-1 WOO 08 80 00 Glazing MIRI MR-4 MIRI MR-5 MIRI 09 30 00 Tiling TL-1 TL-1 TILE TL-2 TILE TL-3 TILE	OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	SALVAGED FROM EXISTING SCHOOL CORRIDORS WAINSCOT 9WOOD				
WS-1 WOO 08 80 00 Glazing MR-4 MIRI MR-5 MIRI 09 30 00 Tiling TL-1 TILE TL-2 TILE TL-3 TILE	OD SLATS, LINEAR ROR, LARGE FORMAT ROR, LARGE FORMAT	WAINSCOT 9WOOD				
08 80 00 Glazing MR-4 MIRI MR-5 MIRI 09 30 00 Tiling TL-1 TILE TL-2 TILE TL-3 TILE	ROR, LARGE FORMAT ROR, LARGE FORMAT		1100 SERIES		HEMLOCK WOOD. CLEAR	ALTERNATE SCOPE. SEE SPEC.
08 80 00 GlazingMR-4MIRIMR-5MIRI09 30 00 TilingTL-1TILETL-2TILETL-3TILE	ROR, LARGE FORMAT ROR, LARGE FORMAT				,	
MR-5 MIRI 09 30 00 Tiling TL-1 TILE TL-2 TILE TL-3 TILE	ROR, LARGE FORMAT			72" x 96"		VERTICAL INSTALL
09 30 00 Tiling TL-1 TILE TL-2 TILE TL-3 TILE				96" x 48"		HORIZONTAL INSTALL
TL-1 TILE TL-2 TILE TL-3 TILE						
TL-2 TILE TL-3 TILE	E	DAL TILE	KEY STONES MOSAIC	2" X 2" X 1/4"	TAUPE U289CC-12M	GROUT: TBD
TL-3 TILE	E	ROCA	COLOR COLLECTION	4 1/4" X 4 1/4" X	TENDER GRAY BRIGHT U761	GROUT: TBD, SEE INTERIOR ELEVS
	<u>=</u>	ROCA	COLOR COLLECTION	5/16" 4 1/4" X 4 1/4" X	TAUPE BRIGHT U789	GROUT: TBD. SEE INTERIOR ELEVS
				5/16"		FOR WALL TILE PATTERN
TL-4 TILE	Ξ	ROCA	COLOR COLLECTION	4 1/4" X 4 1/4" X 5/16"	RED PEPPER BRIGHT U739	GROUT: TBD, SEE INTERIOR ELEVS
TLB-1 TILE	EBASE	ROCA	COLOR COLLECTION	4 1/4" X 4 1/4" X	TAUPE U289CC-12M	GROUT: TBD, SEE INTERIOR ELEVS
			MOSAIC	5/16"		FOR WALL TILE PATTERN
09 64 66 Athletic F	Flooring					
RF-5 VINY	YL SPRUNG FLOORING	ROBBINS DANCE FLOORS	PRO TAP VINYL	2 1/2" THICK	HOMOGENEOUS VINYL -	
WF-2 WOO	OD SPRUNG FLOORING	ROBBINS DANCE FLOORS	PRO TAP WOOD	2 3/4" THICK	NORTHERN HARD MAPLE	
					FLOORING	
09 65 00 Resilient	t Flooring					
RF-2 RUB	BBER FLOORING	JOHNSONITE	MINERALITY	12"X24"	ВЕСКА РА9	
RF-3 SHE		JOHNSONITE	ACCZENT FLOURISH		206 STABILITY CG	
NI-4 3112		ALTRO RELIANCE 25	VINYL	6'7"W X 66'L		
RF-7 RUB						
	TE COMPOSITION TILE	ARMSTRONG	IMPERIOR TEXTURE	12 X 12 X 1/8	CLASSIC BLACK 51910	
VCT-2 VINY	YL COMPOSITION TILE	ARMSTRONG	STANDARD EXCELON	12" X 12" X 1/8"	80% SOFT COOL GREY 51860, 10% POMEGRANATE RED 51813	PATTERNS TBD
					5% FILED GREY 51927 & 5%	
VI T-1 (AI T) X		SHAW CONTRACT	HAND DRAWN COLL	6"X48"	TINT 54557	BRICK PATTERN (AI TERNATE FOR
(ALT	TERNATE)		LINE 20 0554V			VCT PER SPEC)
VLT-2 (ALT) LUX (ALT	(URY VINYL TILE TERNATE, ACCENT)	SHAW CONTRACT	COVE 0927V	9"x48"	STOKE 27855 (RED ACCENT)	BRICK PATTERN (ALTERNATE FOR VCT RED ACCENT LOCATIONS)
V	,					
09 65 13 Resilient	t Base & Accessories			4"11		
RB-2 RUB	BBER BASE	JOHNSONITE	RUBBER BASE	4 H 4"H	PAPRIKA 148	
RST-1 RES	SILIENT STAIR	JOHNSONITE	RUBBER STAIR		PAPRIKA 148, HAMMERED	NORTH AND CENTRAL STAIRS
ACC	JESSORIES		ACCESSORIES			
		1				
09 68 13 Carpet	TRY MAT	MOHAWK GROUP	FIRST STEP II	24" X 24"	OBSIDIAN 989	
CPT-2 CAR	RPET TILE	PATCRAFT	COLOR FILTER 10471	9"X36"	REFRACT 00790	INSTALL: HERRINGBONE IN LIBRAR
			(40%), BACKLIT 10468 (60%)			& EXTENDED LEARNING, STAGGER
09 72 12 Fibreglas	ss reinforced plastic panels			2/22 INCH		
PLA	ASTIC PANELS			5/32-INCH	AS SELECTED BY ARCHITECT	AT UNISEA RESTROOMS
FRP-2 FIBR	REGLASS REINFORCED	STANDARD FRP	MARLITE	3/32-INCH	AS SELECTED BY ARCHITECT	AT CUSTODIAL ROOMS
	ASTIC PANELS					

FOR REFERENCE ONLY. CONTRACTOR IS RESPONSIBLE TO REFER TO PROJECT MANUAL, FINISH PLANS AND ALL APPENDICIES FOR FULL PRODUCT SPECIFICATION AND INSTALLATION INFORMATION

Material Number	Description	Manufacturer	Pro
09 84 33 S		KINETICS	
SAW-2	PANELS, 1" thick	KINETICS	WALL PANE
	PANELS, 2"	WENGER	WALL PANE
IAP-1	PANEL	WENGER	ACOUSTICA
TAP-2	TUNABLE ACOUSTICAL PANEL	WENGER	TUNABLE ACOUSTICA
09 91 23 Pa PT-1	ainting FIELD PAINT	BENJAMIN MOORE	LOW VOC F
PT-2	ACCENT PAINT - LIGHT GRAY	BENJAMIN MOORE	PAINT LOW VOC F
РТ-3	ACCENT PAINT - DARK GRAY	BENJAMIN MOORE	PAINT LOW VOC F
- Т-4	ACCENT PAINT - RED	BENJAMIN MOORE	PAINT LOW VOC F
PT-5	PAINT - GREEN	BENJAMIN MOORE	PAINT
-Т-6	PAINT- BLACK	BENJAMIN MOORE	LOW VOC F
PT-7	PAINT - DARK BRONZE	BENJAMIN MOORE	LOW VOC F
10 11 00 Vi	isual Display Unit		1
	HANGING DISPLAY SYSTEM		CASSO DIS
	MARKER BOARD		MARKER BO
MBD-6	STANDARD MAGENTIC MARKER BOARD	CLARIDGE	STANDARD
MBD-8	STANDARD MAGENTIC MARKER BOARD	CLARIDGE	STANDARD
MBD-12	STANDARD MAGENTIC MARKER BOARD	CLARIDGE	STANDARD MARKER BO
PR TBD-4	HANGING DISPLAY SYSTEM STANDARD TACK BOARD	AS CLARIDGE	CLASSIC W
TBD-8	GENERAL TACK BOARD	CLARIDGE/FORBO	BOARD BULLETIN E
10 14 00 S GRPH-1	uper Graphic SUPER GRAPHIC AT NORTH		
GRPH-2	SUPER GRAPHIC AT COMMONS 141		
GRPH-3	SUPER GRAPHIC AT LEVEL 2 GALLERY		
GRPH-4	SUPER GRAPHIC AT SOUTH RAMP 100A		
10 19 60 C	ubicle Curtains & Tracks	MAHARAM	SKIT 51147
10 26 00 W CG-1	All and Door Protection	AMERICAN FLOOR PRODUCTS	STAINLESS
CG-2	CORNER GUARD AT GRAPHIC	AMERICAN FLOOR PRODUCTS	STAINLESS
10 28 00 Te	oilet Accessories		
MR-1	MIRROR		BOBRICK
MR-2 MR-3	MIRROR		
11 61 43 S CU-2	tage Curtains STAGE CURTAIN	BLACK SHEEP ENTERPRISES	PRISM VEL
CU-3	VELOUR CURTAIN	BLACK SHEEP ENTERPRISES	25 OZ VELC
12 21 33 H	orizontal Louver Blinds		
HLB-1	HORIZONTAL LOUVER BLINDS	LEVOLOR	1" ALUM SL
12 24 13 R RS-1	oller Window Shades WINDOW SHADE	МЕСНО	EUROTWILI
RS-2	WINDOW SHADE	MECHO	CLASSIC BL
RS-3 RS-4	WINDOW SHADE WINDOW SHADE	MECHO MECHO	ELECTROS
12 32 16 M PI -1	anufactured Casework And 064100) Architectural Casework	
PL-2	PLASTIC LAMINATE	WILSONART	7996-12 MAGNOLIA,
PL-3	PLASTIC LAMINATE	WILSONART	ORGANIC C
PL-4	PLASTIC LAMINATE	WILSONART	4945-38 CHILI POWI
SS-1	SOLID SURFACE	DUPONT	Y0337-60 CORIAN
<u>SS-2</u>			FPOXY

INISH SCHEI	DULE			
oduct	Size	Color/Finish	Notes	
TACKABLE	54" W. 50 YARD	FABRIC: HERITAGE 013		
TACKABLE	ROLL 54" W. 50 YARD	FABRIC: HERITAGE 013		2018-0016 118-0114 MBER: TE
	4' X 4'	FABRIC, GERANIUM 2084		
	4' X 8'H	FABRIC, GERANIUM 2084		
PREMIUM		0C-118 SNOWFALL WHITE		
PREMIUM		AC-26 OZARK SHADOWS		EBED ARCA
PREMIUM		2134-20 MIDSUMMER NIGHT		USAK JOHNSON E
PREMIUM		2008-10 RAVISHING RED		SEATTLE, WA
PREMIUM		2032-20 TRAFFIC LIGHT GREEN	FILM CLASSROOM AND STUDIO	ATE OF OREGO
PREMIUM		2119-10 SPACE BLACK	DARK ROOM	
PREMIUM		1547 DRAGON'S BREATH	FILM CLASSROOM AND STUDIO	
SPLAY RAIL	<u>л' х л'н</u>	WHITE	SEE DETAIL ON A10.12	
		WHITE W/SQUARE MITERED	TRAY 1'-0 POWDER COAT WHITE	
D MAGNETIC OARD	6' X 4'H	WHITE W /SQUARE MITERED WHITE TRIM	TRAY 1'-0 POWDER COAT WHITE	
D MAGNETIC	8' X 4'H	WHITE W /SQUARE MITERED WHITE TRIM	INCLUDE MAGNETIC ACCESSORY TRAY 1'-0 POWDER COAT WHITE	
D MAGNETIC	12' X 4'H	WHITE W /SQUARE MITERED WHITE TRIM	INCLUDE MAGNETIC ACCESSORY TRAY 1'-0 POWDER COAT WHITE	
VALL TRACK	4' X 4'H	WHITE WHITE W /SQUARE MITERED	SEE DETAIL ON A10.12 INCLUDE MAGNETIC ACCESSORY	
BOARD	4' X 8'H	WHITE TRIM BLANCHED ALMOND 2186	TRAY 1'-0 POWDER COAT WHITE	
		TONE ON TONE		<u> </u>
	2 STORY HEIGHT	TONE ON TONE		<u> </u>
		TONE ON TONE		
	FULL HEIGHT	MULTICOLOR MURAL		L S
			, 	
0	72"W	002 METROPOLIS	HEALTH OFFICE	
	<u>⊿'</u> Н	STAINI ESS STEEL		
GUARD	4 11	DIRECTIONAL SATIN		
S STEEL GUARD	8' H	STAINLESS STEEL, DIRECTIONAL SATIN		A C C
	1			
	24" x 36" 24" x 60"		VERTICAL INSTALL	
	60" x 24"		HORIZONTAL INSTALL	
OR 2207	62"W	BLACK	FILM CLASSBOOM DANCE	
		BLACK	CLASSROOMS	—
				109-00 1119 Ions
_ATS		POLAR BEAR		74-11 03/14 REVIS
				CHIS CHIS
.L		SLATE 6016	LIGHT FILTERING, SEE FF PLANS	All Ric
SHACKOUT SHADE		SLATE 6016	LIGHT BLOCKING, SEE FF PLANS LIGHT FILTERING, SEE ELEVS	erior
SHADE		DARK GREY 0711	LIGHT BLOCKING, SEE ELEVS	I Inte
		1		an Orec
RECON,		SOFT GRAIN FINISH	TYPICAL CASEWORK EXPOSED PANELS	J Plar
, 5012-19		LENO WEAVE FINISH, AEON SCRATCH RESISTANCE	TYPICAL CASEWORK COUNTERTOPS	
COTTON		FINE VELVET TEXTURE FINISH		
DER		MATTE FINISH	CROSSWEAVE PATTERN	up Archit
	1/2"THICK, 144' X 30" DIS	WHIPPED CREAM / MATTE		tectu
	1" THICK MINIMUM	BLACK		archi 🛛



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22 TYPICAL HALLWAY WALL SECTION A0.4 / SCALE: 1" = 1'-0"



HEAD OF WALL - 1 HR UL DESIGN:HW-D-0194



FIRESTOPPING SEALANT AT RATED WALL ASSEMBLIES AND ACOUSTICAL CAULKING AT ALL OTHER LOCATIONS - CONTINUOUS FULL DEPTH OF GWB, EACH FULL CIRCUMFERENCE, BOTH SIDES

ACOUSTICAL SEALANT BOTH SIDES OF PIPE/CONDUIT TO MAINTAIN ACOUSTICAL

FIRESTOPPING SEALANT AT RATED WALL ASSEMBLIES AND ACOUSTICAL CAULKING AT ALL OTHER LOCATIONS - CONTINUOUS FULL DEPTH OF GWB, EACH

FIRE RATED SEALANT AT RATED WALLS ACOUSTICAL CAULKING - CONTINUOUS FULL WIDTH AND HEIGHT, BOTH SIDES

DUCT LINER WHERE INDICATED

ACOUSTICAL CAULKING - CONTINUOUS

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

WALL TYPE NOTES

- SEE CP SERIES SHEETS FOR LOCATIONS OF FIRE/SMOKE RATED WALLS.
- B. THE SIDE OF THE PARTITION THAT THE WALL TYPE SYMBOL IS LOCATED ON (AS SHOWN ON THE FLOOR PLANS), INDICATES THE SIDE OF THE PARTITION TO RECEIVE DOUBLE LAYER GYPSUM BOARD AND/OR MATERIAL INDICATED BY THE WALL TYPE, IF ASSYMETRICAL WALL TYPE IS INDICATED.
- SEE FLOOR PLAN SHEETS FOR IDENTIFICATION OF INTERIOR WALL AND PARTITION TYPES D. SEE WALL SECTIONS FOR IDENTIFICATION OF EXTERIOR WALL
- TYPES SEE ROOF PLAN AND WALL SECTIONS FOR IDENTIFICATION OF ROOF TYPES
- CONSTRUCT FIRE RATED GWB PARTITIONS ACCORDING TO THE FIRE RATED ASSEMBLIES INDICATED ON THE WALL TYPE. REFER TO SPEC FOR CONTROL JOINT LOCATIONS AT DOOR
- FRAMES LOCATED IN GWB PARTITIONS.
- SEE DETAILS ON SHEET A0.4 FOR GWB PARTITION SLIP CONNECTION BELOW FLOOR AND ROOF DECKS. SEE A0.4 FOR INSTALLATION OF FIRE RETARDANT WD BLOCKING IN MTL STUD WALLS.
- SOUND WALLS ARE INDICATED BY THE STC RATING BELOW THE WALL TYPE. SEAL PERIMETER OF SOUND WALLS WITH ACOUSTICAL SEALANT.
- ALL ACOUSTICALLY RATED WALLS AND WALLS ADJACENT TO OPEN TO STRUCTURE (NON-CEILING) SPACES TO EXTEND FULL HEIGHT TO UNDERSIDE OF STRUCTURAL DECK ABOVE. SEAL WALL PERIMETER AIRTIGHT WITH NON-HARDENING CAULK, TYPICAL
- SEE STRUCTURAL DRAWINGS AND SPECIFICATION REQUIREMENTS FOR NON-STRUCTURAL METAL STUD FRAMING DESIGN INTENT. NON-STRUCTURAL METAL STUD FRAMING SPACING AND DESIGN TO BE DESIGN-BUILD AND DEFERRED PERMIT.
- USE WATER-RESISTANT GYPSUM BOARD OR CEMENTITIOUS BACKER UNITS AT BOTH SIDES OF ALL WET WALL AND TILE FINISH LOCATIONS.
- EXTERIOR WALL VENEERS SHALL BE SECURELY ATTACHED TO THE SUPPORTING FRAMING MEMBERS WITH CORROSION-RESISTANT FASTENINGS, METAL TIES OR BY OTHER APPROVED DEVICES OR METHODS. THE SPACING OF THE FASTENINGS, METAL TIES OR BY OTHER APPROVED DEVICES SHALL NOT EXCEED 24 INCHES EITHER VERTICALLY OF HORIZONTALLY, BUT WHERE UNITS EXCEED 4 SQUARE FEET IN AREA THERE SHALL BE NOT LESS THAN FOUR ATTACHMENTS PER UNIT.
- SEE SHEET A0.5 FOR TOP OF WALL ASSEMBLY DETAILS AND PROVIDE THE FOLLOWING: WHERE WALLS ARE PERPENDICULAR TO METAL DECK GROOVES
- 1. FILL METAL DECK GROVES WITH SOUND BATT INSULATION AND MANUFACTURER PROVIDED CUSTOM GASKETS: OR

2. INSULATION (SUCH AS MINERAL WOOL COMPRESSED 50%) THEN FILL METAL DECK GROOVES SOLID AND AIRTIGHT WITH GROUT, DENSE PLASTER FILLER, OR APPROVED EQUAL.

WHERE WALLS ARE PERPENDICULAR TO BEAMS:

ROCKFON PLENUM BARRIER BOARD (OR EQUAL) RECOMMENDED AT THE HEAD OF WALL LOCATIONS WHERE ACOUSTICALLY RATED WALLS ARE PERPENDICULAR TO BEAMS; FILL VOID SOLID AND AIRTIGHT WITH GROUT, DENSE PLASTER FILLER, OR APPROVED EQUAL; THEN SEAL WALL PERIMETER AIRTIGHT WITH NON HARDENING CAULK.



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12 RATED WALL AT SOFFIT, INSIDE CORNER A0.5 SCALE: 3" = 1'-0"





32 RATED WALL AT PENETRATION A0.5 SCALE: 1 1/2" = 1'-0"



(42) RATED HEAD OF WALL PARALLEL TO BEAM A0.5 SCALE: 1 1/2" = 1'-0"



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LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

FLOOR PLAN GENERAL NOTES

- A. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- B. FLOOR SPOT ELEVATIONS ARE SHOWN THUS: C. WALLS SHADED ON THE FLOOR PLANS INDICATE GROUND FACE
- MASONRY UNITS (GFCMU). EXTEND GFCMU TO 4 INCHES MINIMUM ABOVE FINISH CEILINGS AND CONTINUE WITH CMU OF SAME THICKNESS. D. WALL TYPES SHALL BE DESIGNATED ON FLOOR PLANS THUS: /
- SEE SHEET A0.3 FOR WALL TYPES. ALL INTERIOR PARTITIONS ARE WALL TYPE "S3" UNLESS NOTED OTHERWISE. IF
- ASYMMETRICAL LAYERS OF GYPSUM IS USED, SIDE OF WALL WITH WALL TAG HAS THE GREATER NUMBER OF LAYERS. ALL INTERIOR WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE
- REFLECTED CEILING PLAN NOTES. PROVISIONS SHALL BE MADE AT ALL FULL HEIGHT NON-BEARING WALLS FOR 1-INCH VERTICAL MOVEMENT OF THE BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF RESPECTIVE WALLS. SEE DETAILS ON SHEET A0.4.
- G. SEE CP SHEETS (CODE PLANS) FOR LOCATION OF WALLS OF FIRE-RESISTIVE CONSTRUCTION. ALL WALLS OF FIRE-RESISTIVE CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE. SEE DETAILS ON SHEET A0.4.
- ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH THRU-WALL FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 078413.
- SEE STRUCTURAL DRAWINGS FOR BRACING OF NON-LOAD BEARING MASONRY WALLS. FURNISH AND INSTALL FIRE-TREATED WOOD BLOCKING OR METAL BACKING PLATE IN METAL STUD PARTITIONS FOR THE
- PROPER ANCHORAGE OF ALL WALL ATTACHED ITEMS; I.E. TOILET ACCESSORIES, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKER BOARDS, TACK BOARDS, DOOR STOPS, AUDIO VISUAL BRACKETS, ETC.
- GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WHERE SHOWN ON DRAWINGS AND AS DESCRIBED IN THE SPECIFICATIONS.
- MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CJA) SHALL BE LOCATED AS SHOWN ON THE FLOOR PLAN AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WYTHE MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON THE CONCRETE FLOOR SLAB ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR AS INDICATED ON DRAWINGS.
- M. INCLUDE OWNER-FURNISHED AND INSTALLED (OFOI) AND OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI) ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMODATE THESE ITEMS. SEE SHEET 0.1 FOR
- LIST. N. COORDINATE ALL MECHANICAL CHASE SIZES WITH THE
- MECHANICAL CONTRACTOR. O. COORDINATE WITH MECHANICAL AND ELECTRICAL
- CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS. P. ARCHITECTURAL FINISH FLOOR ELEVATION 100'-0" EQUALS
- ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR 208.52 FEET. Q. FIRE RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL
- BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
- R. SCRIBE GYPSUM WALL BOARD OF WALLS AND PARTITIONS TO IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND ALL PENETRATIONS.
- PROVIDE SEISMIC BRACING FOR SUSPENDED CEILINGS AS REQUIRED BY CODE OR AS SHOWN ON THE DRAWINGS. ALL HINGE SIDE OF DOORS ARE LOCATED 4" FROM ADJACENT
- METAL STUD WALL UNO. SEE FINISH FLOOR PLANS FOR CONTROL JOINT LAYOUT A
- CONCRETE FINISH FLOORS SEE FINISH FLOOR PLANS AND INTERIOR ELEVATIONS FOR LOCATIONS AND HEIGHTS OF WALL MOUNTED ITEMS

KEYNOTES

NO. DESCRIPTION A17 CAN WASH. SEE PLUMBING.

KEY PLAN



BID/PERMIT	CONDITIONAL USE NUMBER: CU2018 DESIGN REVIEW NUMBER: DR2018-0 SITE DEVELOPMENT PERMIT NUMBER BUILDING PERMIT NUMBER: TBD	
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LEGEND NOTES

FLOOR PLAN GENERAL NOTES

- A. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- WALLS SHADED ON THE FLOOR PLANS INDICATE GROUND FACE MASONRY UNITS (GFCMU). EXTEND GFCMU TO 4 INCHES MINIMUM ABOVE FINISH CEILINGS AND CONTINUE WITH CMU OF
- D. WALL TYPES SHALL BE DESIGNATED ON FLOOR PLANS THUS: //
- SEE SHEET A0.3 FOR WALL TYPES. ALL INTERIOR PARTITIONS ARE WALL TYPE "S3" UNLESS NOTED OTHERWISE. IF ASYMMETRICAL LAYERS OF GYPSUM IS USED, SIDE OF WALL WITH WALL TAG HAS THE GREATER NUMBER OF LAYERS. E. ALL INTERIOR WALLS SHALL EXTEND TO UNDERSIDE OF FLOOR
- OR ROOF DECK ABOVE UNLESS NOTED OTHERWISE. SEE PROVISIONS SHALL BE MADE AT ALL FULL HEIGHT NON-BEARING
- WALLS FOR 1-INCH VERTICAL MOVEMENT OF THE BUILDING STRUCTURE WITHOUT TRANSFER OF COMPRESSIVE LOADS TO WALL. FILL IRREGULARITIES BETWEEN TOP OF WALL AND DECK ABOVE WITH FIRE SAFING INSULATION OR FIRE STOPPING MATERIALS AS REQUIRED TO MEET FIRE RATING OF
- SEE CP SHEETS (CODE PLANS) FOR LOCATION OF WALLS OF FIRE-RESISTIVE CONSTRUCTION. ALL WALLS OF FIRE-RESISTIVE CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE. SEE DETAILS ON SHEET A0.4.
- THRU-WALL FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTIVE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 078413. SEE STRUCTURAL DRAWINGS FOR BRACING OF NON-LOAD
- FURNISH AND INSTALL FIRE-TREATED WOOD BLOCKING OR METAL BACKING PLATE IN METAL STUD PARTITIONS FOR THE PROPER ANCHORAGE OF ALL WALL ATTACHED ITEMS; I.E. TOILET ACCESSORIES, CASEWORK, MILLWORK, WALL-MOUNTED FIXTURES, MARKER BOARDS, TACK BOARDS, DOOR STOPS,
- GYPSUM BOARD AND PLASTER SURFACES SHALL BE ISOLATED WITH CONTROL JOINTS WHERE SHOWN ON DRAWINGS AND AS
- MASONRY CONTROL JOINTS (CJ) AND CONTROL JOINTS ABOVE (CJA) SHALL BE LOCATED AS SHOWN ON THE FLOOR PLAN AND BUILDING ELEVATIONS, AND WHERE LARGE PLUMBING VENTS OR RISERS OCCUR IN SINGLE WYTHE MASONRY WALLS, AND WHERE MASONRY WALLS BEARING ON THE CONCRETE FLOOR SLAB ABUT MASONRY WALLS BEARING ON CONCRETE FOOTINGS OR
- M. INCLUDE OWNER-FURNISHED AND INSTALLED (OFOI) AND OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI) ITEMS IN THE CONSTRUCTION SCHEDULE, AND COORDINATE WITH OWNER TO ACCOMODATE THESE ITEMS. SEE SHEET 0.1 FOR
- N. COORDINATE ALL MECHANICAL CHASE SIZES WITH THE
- CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS
- ARCHITECTURAL FINISH FLOOR ELEVATION 100'-0" EQUALS ACTUAL SITE REFERENCE ELEVATION OF FINISH FLOOR 208.52
- Q. FIRE RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR
- IRREGULARITIES OF DECK ABOVE. SEAL TIGHTLY AROUND ALL
- REQUIRED BY CODE OR AS SHOWN ON THE DRAWINGS. ALL HINGE SIDE OF DOORS ARE LOCATED 4" FROM ADJACENT
- SEE FINISH FLOOR PLANS FOR CONTROL JOINT LAYOUT A
- CONCRETE FINISH FLOORS SEE FINISH FLOOR PLANS AND INTERIOR ELEVATIONS FOR LOCATIONS AND HEIGHTS OF WALL MOUNTED ITEMS

NO.	DESCRIPTION
A02	AUDIO / VIDEO RACK. SEE AV DRAWINGS AND SPECS.
A04	CASEWORK. SEE INTERIOR ELEVATIONS AND DETAILS.
A06	SINK. SEE PLUMBING DRAWINGS.
A08	DANCE BALCONY CASEWORK. ALTERNATE. SEE INTERIOR ELEVATIONS AND DETAILS.
108	TALL LOCKABLE STORAGE CABINET
131	FILM DRYING CABINET, OFCI
139	WALL MOUNTED BALLET BARRE
179	8'H MIN. MIRROR WALL, WITH CURTAINS TO COVER

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- AREA B	DISTRICT

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PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 CG-1 CG-1 RB-1 RB-1	CG-1 TLB-1
37 TYPICAL ELEVATIONS - GROUP RR ENTRY WALL	38 GROUP RR EXIT WALL
A2.2 SCALE: 1/4" = 1'-0"	A2.2 SCALE: 1/4" = 1'-0"



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KEY PLAN





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		LEGEND NOTES		
•	LEGEND NOTES AF	RE COMMON TO ALL NOT APPLY TO THIS SHEET	BID/PERMIT SET	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVELOPMENT PERMIT NUMBER: TBD BUILDING PERMIT NUMBER: TBD
	NO. BR-1&2	KEYNOTES DESCRIPTION BRICK VENEER, MISSION BR-1 (75%) AND SMOOTH BR-2 (25%) TEXTURE, NORMAN SIZE	STERE	DARCHINSON EC
•	EJ GL-1 GL-2 HM-1 I06	BRICK EXPANSION JOINT, TYPICAL. INSTALLER TO VERIFY LOCATION OF ALL JOINTS. GLAZING, CLEAR GLAZING, DIFFUSED LAYER HOLLOW METAL DOOR, PAINTED DARK TO MATCH BRICK PROVIDE WINDOW BLINDS/SHADES PER DISTRICT STANDARD LIGHT FIXTURE, WALL MOUNTED, PER	SUAL STATE	OF OREGO
•	MWP-1 MWP-2 MWP-3 MWP-4	ELECTRICAL CUPPED METAL TILE PANEL, MILLED STEEL COLOR METAL COMPOSITE WALL PANEL, FLAT PROFILE, ANODIZED CLEAR COLOR BREAK METAL PANEL, WEATHERED ZINC COLOR WHEN ADJACENT TO MWP-1 OR DARK BRONZE WHEN ADJACENT TO BRICK BR-1 MECHANICAL SCREEN, COLOR MATCHING MWP-2		
	<u> </u>	MECHANICAL SCREEN		STRICT
¢			IONS	
•			ELEVAT	N SCHO
•			TERIOR	MA AVERTO
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			A5.2	RESERVED
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			2	Architec © 2019, DLR (



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	KEYNOTES				
NO. DESCRIPTION					
BR-1&2	BRICK VENEER, MISSION BR-1 (75%) AND SMOOTH BR-2 (25%) TEXTURE, NORMAN SIZE				
EJ	BRICK EXPANSION JOINT, TYPICAL. INSTALLER TO VERIFY LOCATION OF ALL JOINTS.				
GL-1	GLAZING, CLEAR				
GL-2	GLAZING, DIFFUSED LAYER				
HM-1	HOLLOW METAL DOOR, PAINTED DARK TO MATCH BRICK				
MWP-1	CUPPED METAL TILE PANEL, MILLED STEEL COLOR				
MWP-2	METAL COMPOSITE WALL PANEL, FLAT PROFILE, ANODIZED CLEAR COLOR				
MWP-4	MECHANICAL SCREEN, COLOR MATCHING MWP-2				

LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

		-	
A5.4	EXTERIOR ELEVATIONS	ALSO RECISE	BID/PERMIT SET
74-18109-00 03/14/19 REVISIONS	ACMA	ED AR A. JOHNSO EATTLE, W 6279 E OF OF	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVEL OPMENT PERMIT NI IMERE: TRD
S RESERVED	BEAVERTON SCHOOL DISTRICT	ALLE AO	BUILDING PERMIT NUMBER: TBD

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41 WEST ELEVATION - AREA B - CLERESTORY A5.5 SCALE: 1/8" = 1'-0"

- CUT THROUGH CLASSROOM WING IN FOREGROUND

E







MWP-2

Cut Through — Building in Foreground







LEGEND NOTES A SOME NOTES MA	LEGEND NOTES		
		BID/PERMIT SET	CONDITIONAL USE NUMBER: CU2018-0016 DESIGN REVIEW NUMBER: DR2018-0114 SITE DEVELOPMENT PERMIT NUMBER: TBD BUILDING PERMIT NUMBER: TBD
	KEYNOTES	c.	ED ARO
NO.	DESCRIPTION	TER	A A A A A A A A A A A A A A A A A A A
BR-1&2	BRICK VENEER, MISSION BR-1 (75%) AND SMOOTH BR-2 (25%) TEXTURE, NORMAN SIZE	ST LISA	K. JOHNSON
BR-4	BRICK VENEER, SMOOTH TEXTURE, STANDARD SIZE	•/ si	EATTLE, WA
EJ	BRICK EXPANSION JOINT, TYPICAL. INSTALLER TO VERIFY LOCATION OF ALL JOINTS.	STAT	- all
MWP-1	CUPPED METAL TILE PANEL, MILLED STEEL COLOR		OFOR
MWP-2	METAL COMPOSITE WALL PANEL, FLAT PROFILE, ANODIZED CLEAR COLOR		
MWP-3	BREAK METAL PANEL, WEATHERED ZINC COLOR WHEN ADJACENT TO MWP-1 OR DARK BRONZE WHEN ADJACENT TO BRICK BR-1		






















































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					DOOR AND	FRAME S	CHEDU	LE									DOOR AND	FRAME S	CHEDL	ILE_			
	PANEL FRAME										PANEL		1	1	FRA	ME							
DOOR NO.	NO. OF PANELS	WIDTH	HEIGHT	THICKN ESS	MATERIAL	GLAZING		MATERIAL	TYPE	FIRE RAT'G	COMMENTS	DOOR NO.	NO. OF PANELS V	NIDTH	HEIGHT	THICKN ESS	MATERIAL	GLAZING	TYPE	MATERIAL	TYPE	FIRE RAT'G	COMMENTS
001	2	3' - 0"	7' - 0" 7' - 0"	0' - 0 1/2'	" GATE			GATE				141A	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GLC	D3	HM-PT-2	HM1	45 MIN	
002	2	10' - 0"	7 - 0 7' - 0"	0' - 0 1/2	GATE GATE			GATE			CHAIN LINK	142	1 3	3' - 0"	7 - 0 7' - 0"	0 - 1 3/4 0' - 1 3/4"	WD-R	GL-C GL-C	D1	AL-PT-4	16		
004	2	3' - 0"	7' - 0"	0' - 0 1/2'	" GATE			GATE				143A	1 3	8' - 6"	7' - 0"	0' - 1 3/4"	HM-PT-7		D3	HM-PT-7	EF1		
100	2	3' - 0"	7' - 0"	0' - 1 3/4'	" WD " AL DT 1	GL-B	D2	HM-PT-2	HM2			144	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
100A	2	3' - 0"	7'-0"	0' - 1 3/4'	AL-PT-1	GL-4 GL-4	D2	AL-PT-1	R		CARD READER,	145A	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	HM-PT-7	GL-C	D3	HM-PT-7	EF1		
4000	0	01 01	71 01				D 0				ADA BUTTON	146	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
100C	2	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" AL-PT-1 " AL-PT-1	GL-D GL-D	D2 D2	AL-PT-1 AL-PT-1	1		CARD READER.	147 147Δ	1 3	3' - 0" 3' - 0"	7' - 0"	0' - 1 3/4"	WD HM_PT_7	GL-C	D1 D3	HM-PT-2			
1005		01 01									ADA BUTTON	149	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-B	D0	HM-PT-2	HM1		
100E	1	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" HM-P1-7 " AL-PT-1		D3	HM-PT-1	EF1 17		CARD READER	149A	1 3	8' - 6"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
102	•			0 10/1							ADA BUTTON	149B 151	1 3 2 4	3' - 0" 1' - 0"	7' - 0" 7' - 0"	0' - 1 3/4" 0' - 1 3/4"	WD	GL-B	D1 D3	HM-PT-2	HM1 HM2		
102A	1	3' - 0"	7' - 0" /' - 3"	0' - 1 3/4'	" WD	GL-D	D1	HM-PT-2	HM1			151A	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		0.5" UNDERCUT
1020		0-0	ч - О		OTE						COILING	151B	2 3	3' - 0"	7' - 0"	0' - 1 3/4"	AL-PT-1	GL-2	D2	AL-PT-1			CARD READER
103	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		20	HM_PT_2	HM1		COUNTER DOOR	201 201A	1 3	3' - 0"	7 - 0 7' - 0"	0 - 1 3/4 0' - 1 3/4"	WD	GL-C	D3	HM-PT-2	HM1		LIGHT TIGHT
103A	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1		0.5" UNDERCUT	203	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		LIGHT TIGHT
103B		3' - 0"	4' - 3"		STL		D7	STL				205 2054	1 3	3' - 0" 3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
											COUNTER DOOR	205A	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-B	D1	HM-PT-2	HM1		
104	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1			205C	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-B	D1	HM-PT-2	HM1		
105	1	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " WD		D3 D3	HM-PT-2	HM1 HM1		0.5" UNDERCUT	205D 205E	1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4" 0' - 1 3/4"	WD WD	GL-B	D1 D3	HM-PT-2	HM1 HM1		
108	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1			206	2 4	4' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM2		
108A	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1			207	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
109	1	3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD	GL-D	D1 D3	HM-PT-2	HM1 HM1			209 210A	1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4" 0' - 1 3/4"	WD WD	GL-C GL-B	D1	HM-PT-2	HM1 17		
112	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1			211	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
113	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D1	HM-PT-2	HM1			212	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
114 114A	1	3 - 0"	7 - 0"	0' - 1 3/4	WD-R	GL-C GL-B	D1	HM-PT-2	HM1			214 216	1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4"	WD	GL-C GL-C	D1 D1	HM-PT-2	HM1 HM1		
114B	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD	GL-B	D1	HM-PT-2	HM1			217	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
114C	1	3' - 6"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " WD	GL-E	D1	HM-PT-2	HM1		STC-53 RATED	218	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
114D	1	3' - 0"	7 - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1			220	2 4	s - 0 1' - 0"	7 - 0 7' - 0"	0 - 1 3/4 0' - 1 3/4"	WD		D3	HM-PT-2	HM1 HM2		
115	2	3' - 0"	7' - 0"	0' - 1 3/4'	" WD	GL-B	D1	HM-PT-2	HM2			234	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD-R	GL-C	D1	AL-PT-4	16		
115A 115B	1	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " WD		D3 D3	HM-PT-2 HM-PT-2	HM1 HM1			236 238	1 3	3' - 0" 3' - 0"	7' - 0"	0' - 1 3/4"	WD-R	GL-C	D1	AL-PT-4	16		
118	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1			230	1 3	3 - 0"	7' - 0"	0' - 1 3/4"	WD-IX	GL-C	D1	HM-PT-2	HM1		
120	1	3' - 0"	7' - 0"	0' - 1 3/4'	" HM-PT-7		D3	HM-PT-7	EF1			243	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
121A 122	2	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " WD	GL-E	D3	HM-PT-2	HM2 HM2		0.5" UNDERCUT	244 245	1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4"	WD WD	GL-C	D1	HM-PT-2	HM1 HM1		
122A	1	3' - 6"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1		0.5" UNDERCUT	246	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
122B	2	3' - 0"	7' - 0"	0' - 1 3/4'	" WD	GL-E	D1	HM-PT-2	HM2			247	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD	GL-C	D1	HM-PT-2	HM1		
123	1	3 - 0 3' - 6"	7 - 0 7' - 0"	0 - 1 3/4	" WD	GL-E	D3	HM-PT-2	HM1			249	1 3	3' - 0" 1' - 0"	7' - 0" 7' - 0"	0' - 1 3/4"	WD	GL-C	D1 D3	HM-PT-2	HM1 HM2		
124A	1	3' - 6"	7' - 0"	0' - 1 3/4'	" WD	GL-E	D1	HM-PT-2	HM1		STC-53 RATED	251A	1 4	1' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM2		
125	1	3' - 6" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " WD	GL-E	D1	HM-PT-2	HM1 HM2		STC-53 RATED	C100	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		1" UNDERCUT
126A	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM1		STC-53 RATED	C101 C200	1 3	3' - 0"	7 - 0" 7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		0.5" UNDERCUT
126B	2	3' - 0"	7' - 0"	0' - 1 3/4'	" WD		D3	HM-PT-2	HM2			E100	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
1260	2	3' - 0" 3' - 6"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD	GL-E	D3 D1	HM-PT-2	HM2 HM1		STC-53 RATED	E101 E101A	1 3 1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4" 0' - 1 3/4"	HM-PT-7		D3 D3	HM-PT-7	EF1 HM1		
129	1	3' - 6"	7' - 0"	0' - 1 3/4'	" WD	GL-E	D1	HM-PT-2	HM1		STC-53 RATED	E101B	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
130A	2	3' - 0"	7' - 0"	0' - 1 3/4'	" AL-PT-1	GL-2	D2	AL-PT-1	EF2		CARD READER, ADA BUTTON	E102	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
130B	2	3' - 0"	7' - 0"	0' - 1 3/4'	" AL-PT-1	GL-2	D2	AL-PT-1	EF2		CARD READER,	E200 E201	1 3 1 3	5 - 0" 3' - 0"	<i>i</i> - 0" 7' - 0"	0 - 1 3/4" 0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
1314	1	3' _ ∩"	7' _ ∩"	0' - 1 2/4	" \\\/ח		۶U		НМ1		ADA BUTTON	M100	2 3	3' - 0"	7' - 0"	0' - 1 3/4"	HM-PT-7		D3	HM-PT-7	EF1		
131B	1	3' - 0"	7' - 0"	0' - 1 3/4	" WD		D3	HM-PT-2	HM1	45 MIN		M101	1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4"	HM-PT-7		D3	HM-PT-7	EF1	45 MINI	
132	1	3' - 0"	7' - 0"	0' - 1 3/4'	WD-R	GL-C	D1	AL-PT-4	16			P100	2 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM2	90 MIN	J.J JINDERUUI
132A 132B	1	3' - 0" 3' - 0"	7' - 0" 7' - 0"	U' - 1 3/4' 0' - 1 3/4'	" WD	GL-B	D3 D1	HM-PT-2 HM-PT-2	HM1 HM1			P101	2 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM2	90 MIN	
132C	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD	GL-B	D1	HM-PT-2	HM1			PAC-100 PAC-101	2 3 2 3	s' - U" ' 3' - N" '	/ - 0" 7' - 0"	0' - 1 3/4" 0' - 1 3/4"	EXIST				EXIST		CARD READER
132D	1	3' - 0"	7' - 0"	0' - 1 3/4'	WD	GL-B	D1	HM-PT-2	HM1			PAC-102	2 3	3' - 0"	7' - 0"	0' - 1 3/4"	EXIST		EXIST	EXIST	EXIST		DEMOLISHED
132E 133	1	3' - 0" 24' - 0"	7' - 0" 9' - 0"	0' - 1' 3/4	STL		D3 D5	STL	EFI		OVERHEAD	PAC-103	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	EXIST		EXIST	EXIST	EXIST		
100.0		01 01					D 0				COILING DOOR	PAC-104 PAC-105	1 3	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4"	EXIST		EXIST	EXIST	EXIST		
133A 133B	1	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " WD	GL-B	D3 D1	HM-PT-2	HM1 HM1			PAC-106	2 3	3' - 0"	7' - 0"	0' - 1 3/4"	EXIST		EXIST	EXIST	EXIST		
133C	1	3' - 6"	7' - 0"	0' - 1 3/4'	" HM-PT-7		D3	HM-PT-7	EF1		CARD READER	PAC-107	1 3	<u>3' - 0"</u>	7' - 0"	0' - 1 3/4"	EXIST		EXIST		EXIST		
133D		3' - 0"	4' - 6"		STL		D6	STL				UR101	1 3	3' - 0"	7 - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
											COUNTER DOOR	UR102	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
133E	1	2' 0"	7' 0"				۶٦					UR103	1 3	3' - 0" ⁻ 3' - 0" -	7' - 0" 7' - 0"	0' - 1 3/4"	WD WD		D3	HM-PT-2	HM1		
133F 134	2	3 - 0" 3' - 0"	7 - 0" 7' - 0"	0 - 1 3/4	" WD		D3	HM-PT-2	HM2			UR201	1 3	3' - 0"	7' - 0"	0' - 1 3/4"	WD		D3	HM-PT-2	HM1		
136	1	3' - 0"	7' - 0"	0' - 1 3/4'	" WD-R	GL-C	D1	AL-PT-4	16				I										
136A	1	3' - 0" 3' - 0"	7' - 0" 7' - 0"	0' - 1 3/4'	" WD " hm_pt_7		D3	HM-PT-2	HM1 FF1	45 MIN													
138	1	3' - 0"	7' - 0"	0' - 1 3/4	"_WD-R	GL-C	D1	AL-PT-4	16														
138A	1	3' - 0"	7' - 0"	0' - 1 3/4'	" HM-PT-7		D3	HM-PT-7	EF1														
140A 140B	2 2	3 - 0" 3' - 0"	7' - 0" 7' - 0"	0 - 1 3/4 0' - 1 3/4'	AL-PT-1	GL-2 GL-2	D2 D2	AL-P1-1 AL-PT-1	вв BB		CARD READER.												
4.400			71 ^"	0			D 2				ADA BUTTON												
1400	2	3' - 0"	7 - 0"	U - 1 3/4	AL-P1-1	GL-B	02	AL-P1-1			ADA BUTTON												
140D	2	3' - 0"	7' - 0"	0' - 1 3/4'	" AL-PT-1	GL-B	D2	AL-PT-1	1														

LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

DOOR AND FRAME SCHEDULE GENERAL NOTES

- ALL HOLLOW METAL FRAMES SET IN MASONRY AND CONCRETE WALLS SHALL BE GROUT SOLID. SEE DETAIL XX/AX.X FOR GROUTING EXTERIOR DOOR FRAMES WITH SECURITY/ACCESS CONTROL HARDWARE AND SPECIFICATION SECTION 08XXXX FOR FURTHER REQUIREMENTS.
- B. ALL HOLLOW METAL FRAMES SET IN METAL STUD WALLS SHALL BE FILLED WITH MINERAL WOOL BLANKET INSULATION. C. ALL EXTERIOR FRAMES SHALL BE INSTALLED WITH 1/4" SHIM AND
- SEALANT AROUND PERIMETER OF FRAME. D. MASONRY LINTELS AND STEEL LINTELS ARE SHOWN ON
- STRUCTURAL DRAWINGS. GLASS TYPES FOR DOORS ARE INDICATED IN THE NOTES COLUMNS OF THE DOOR AND FRAME SCHEDULE OR IN THE SPECIFICATIONS. GLASS TYPES FOR FRAMES ARE INDICATED ON THE FRAME ELEVATIONS OR IN THE SPECIFICATIONS.
- EXTERIOR FRAME TYPES ARE INDICATED WITH THE HEXAGON SYMBOL. FOR COILING DOORS AND COUNTER DOORS, WIDTH AND HEIGHT DIMENSIONS SHOWN IN DOOR AND FRAME SCHEDULE REPRESENT FURNISHED OPENING SIZE. CONTRACTOR TO COORDINATE EXACT
- SIZE OF DOOR WITH MANUFACTURER. . FRAME MANUFACTURER SHALL COORDINATE LOCATIONS OF ALL CONCEALED CONDUIT AND J-BOXES REQUIRED FOR SECURITY SYSTEM HARDWARE PRIOR TO MANUFACTURING OF HOLLOW METAL FRAMES AND COORDINATE WITH SECURITY HARDWARE AND DEVICES.

DOOR AND FRAME MATERIALS

- COLOR LEGEND: AL ALUMINUM STOREFRONT FRAME ALUMINUM COLOR AL-B ALUMINUM STOREFRONT FRAME DARK BRONZE COLOR AL-R ALUMINUM STOREFRONT FRAME ACCENT RED COLOR EXIST EXISTING DOORS AND/OR FRAMES, TO BE FIELD VERIFIED CTG CLEAR TEMPERED GLAZING TTG TRANSLUCENT TEMPERED GLAZING HOLLOW METAL DOOR OR FRAMES HM DARK BRONZE PAINT HM-R HOLLOW METAL DOOR OR FRAMES, ACCENT RED PAINT
- WD WOOD DOORS, CLEAR SEALED, SPECIES PER SPEC WD-R WOOD DOORS, ACCENT RED PAINT, SPECIES PER SPEC

GLAZING NOTES

- EXTERIOR: GL-1 IGU - LOW-E-COATED, CLEAR INSULATING GLASS, NON-TEMPERED GL-2 IGU - LOW-E-COATED, CLEAR INSULATING GLASS, TEMPERED GL-3 IGU - LOW-E-COATED, CLEAR INSULATING GLASS, WITH DECORATIVE INTERLAYER, NON-TEMPERED GL-4 IGU - LOW-E-COATED, CLEAR INSULATING GLASS, TEMPERED AND LAMINATED INTERIOR: GL-A MONOLITHIC GLASS, CLEAR FLOAT GLASS, NON-TEMPERED GL-B MONOLITHIC GLASS, CLEAR FLOAT GLASS, TEMPERED GL-C MONOLITHIC GLASS, TRANSLUCENT FLOAT GLASS, TEMPERED
- GL-D MONOLITHIC GLASS, CLEAR, HIGH IMPACT RESISTANT GLASS, TEMPERED AND LAMINATED
- GL-E IGU ACOUSTIC GLAZING, CLEAR INSULATING GLASS, TEMPERED



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BID/PERMIT

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LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

GLASS PANELS GL-1 UNLESS OTHERWISE NOTED

BID/PERMIT SET	Conditional USE Number: CU2018-0016 Design Review Number: DR2018-0114 Site Development Permit Number: TBD Building Permit Number: TBD

















2" TYP. 1



















A9.6 SCALE: 3" = 1'-0"





Group

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NUMBEI JMBER:

UI ITONAL GN REVIE DEVELOF

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RESILIENT FLOORING PER FINISH SCHEDULE

TYPE, PER FINISH PLAN CONTINUOUS EXTRUDED ALUMINUM COVER PLATE

DANCE FLOOR ASSEMBLY



CARPET OR WALK-OFF MAT PER FINISH PLANS TRANSITION STRIP. NON FERROUS METAL, CONT, SET IN BED OF MASTIC CONCRETE OR RESILIENT FLOORING WHERE OCCURS PER FINISH PLANS





15 HEAD DETAIL AT SAW-1 A10.11 SCALE: 3" = 1'-0"



- ALUMINUM J-TRIM

WALL PLANE

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	Sig	n Schedule			S	ign Schedule	
Room Number	Room Name	Sign Type	Sign Remarks	Room Number	Room Name	Sign Type	Sign Remarks
LEVEL 1				204	SW HALL	21.2	NORTH SIDE OF DOUBLE DOORS
100	ENTRY VESTIBULE	23		205	SPED	17.1	
102	RECEPTION	23 & 22	@ DOOR 102	205A	OFFICE	14.1	
103	BOOKKEEPING	17		205B	OFFICE	14.1	
103A	STORAGE	13		205C	DOUBLE OFFICE	15.1	
104		17.1		205D	CUNFERENCE	13.1	
105		17		207	CLASSROOM	17.1	
107		13		209		17.1	
100		14		210A 211		13	
109		1/		211		17.1	
112	BREAKROOM	17		212	CLASSROOM	17.1	
112		17 1		214	CLASSROOM	17.1	
114	FILM	17.1		210		17.1	
114A		13		218	BOYS CHANGING	17.1	
114B	FILM STORAGE	13	@ BOTH DOOR LOCATIONS	220	GIRLS CHANGING	17	
114C	SOUND STUDIO	13		222	SF HALL	21.2	
115	LIBRARY	17.1		234	DANCE (TAP)	17.1	
115A		17.1		236	DANCE	17.1	
115B	STORAGE	13.1		238	DANCE	17.1	
118	CONFERENCE	13.1		241	DANCE BALCONY	22	@ ELEVATOR
121	MUSIC HALL	21.2	EAST OF OPENING AT ENTRY	242	CLASSROOM	17.1	
			FROM RAMP 120	243	CLASSROOM	17.1	
121A	STORAGE	13		244	CLASSROOM	17.1	
122	SMALL ENSEMBLE	17.1	@ BOTH DOOR LOCATIONS	245	CLASSROOM	17.1	
122A	STORAGE	13		246	CLASSROOM	17.1	
123	OFFICE	14		247	CLASSROOM	17.1	
124	ENSEMBLE PRACTICE	17.1		249	TEACHER PLANNING	13.1	
124A	RECORDING	17.1		251	NE HALL	21.2	SOUTH SIDE OF DOUBLE DOORS
125	PRACTICE	17.1		BRR200	BOYS RR	1	
126	LARGE ENSEMBLE	17.1	@ BOTH DOOR LOCATIONS	BRR201	BOYS RR	1	
126A	STORAGE	17	@ BOTH DOOR LOCATIONS	C200	CUSTODIAL/ROOF	17 & 19.5	
127	PRACTICE	17.1			ACCESS		
129	PRACTICE	17.1		E200	ELECTRICAL	17	
131A	STORAGE	17		E201	IDF	17	
132	CAREER CENTER	17.1	INTERIOR, WEST OF DOOR 132 ON	GRR200	GIRLS RR	1.1	
			HALLWAY SIDE	GRR201	GIRLS RR	1.1	
132A	STORAGE	13		UR200	WC	6	
132B	OFFICE	14.1		UR201	WC	6	
1320	OFFICE	14.1					
132D		14.1					
133	KITCHEN STODAGE	17	@ BOTH MAIN DOOR LOCATIONS				
133A		17					
134	STORAGE	17					
136	3D ART	17 1					
136A		17.1					
138	2D ART	17.1	INTERIOR				
141	COMMONS	17 & 19.4	LOCATE AT SOUTH WALL OF 140				
			WEST VESTIBULE				
141A	STORAGE	17					
142	TEACHER PLANNING	13.1					
143	DESIGN STUDIO	17.1	INTERIOR				
144	SCIENCE CLASSROOM	17.1					
145	SCIENCE	17.1	AT HALLWAY SIDE ONLY				
146	SCIENCE CLASSROOM	17.1					
147	SCIENCE (CHEM)	17.1	AT HALLWAY SIDE ONLY				
149	SCIENCE PREP	17					
149A	PREP STORAGE	17					
151	SCIENCE HALL	21.2	AT SOUTH SIDE OF DOUBLE				
			DOORS				
151A	SIORAGE	17					
BRR100	BOYS RR	1					
BRR101	BOYS RR	1					
C100	CUSTODIAN	17					
C101	MOP	17					
E100	MDF	17					
E101	ELECTRICAL	17					
E101A	EMERGENCY	17					
E102		17					
		1 1					
		1.1					
		1.1	EXTERIOR				
		1/					
M102		13.∠ 17					
		6 1					
	WC	6					
	WC	6					
	WC	6					
	110	0					
201	ΡΗΟΤΟ	17 1					
203		17.1					





Calibri Regular & Bold : All Interior & Exterior Directional Signage ABCDEFGHIJKLMNOPQRS TUVWXYZ abcdefghijklmnopqrstuv wxyz ABCDEFGHIJKLMNOPQRS TUVWXYZ 0123456789



SIGNAGE GENERAL NOTES:

- A. ALL SIGNS TO BE PLACED ON CIRCULATION SIDE OF ROOM CALLOUT U.N.O. LOCATE SIGNS PER SCHEDULE ON SIGN SCHEDULE SHEET
- C. REFER TO BSD TECHNICAL STANDARD, DIVISION 10: SPECIALTIES

Welcome

All visitors are required to enter through the front entrance and check in at the Main Office. Those who do not are subject to arrest.

Bienvenido

Se requiere que todos los visitantes entren por la entrada principal y se reporten a la Oficina. Aquellos que no lo hagen están sujetos a arresto.

BEAVERTON SCHOOL DISTRICT

SIGN 23 VISITOR CHECK-IN STICKER (5" X 7")

45 VISITOR SIGN - TYPE 23 A10.14 NO SCALE



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LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

CASEWORK AND MILLWORK GENERAL NOTES

- A. CASEWORK AND MILLWORK GENERAL NOTES APPLY TO ALL CASEWORK/MILLWORK SHEETS. B. ELEVATIONS DENOTED AS MILLWORK ARE SPECIFIED UNDER
- DIVISION 06. ALL OTHERS SHALL BE SPECIFIED UNDER DIVISION 12 SECTION, UNLESS NOTED OTHERWISE. ALL BASE CABINETS TO BE 2'-0" DEEP UNITS, UNLESS NOTED
- OTHERWISE. D. ALL WALL CABINETS TO BE 1'-2" DEEP UNITS, UNLESS NOTED
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- K. FIELD VERIFY ALL DIMENSIONS OF CABINET LOCATIONS IN THE BUILDING PRIOR TO FABRICATION. PROVIDE LOCKS AT ALL DOORS AND DRAWERS.
- M. PROVIDE FINISHED ENDS AT ALL EXPOSED ENDS OF CASEWORK
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- SHADE LOCATIONS. U.N.O, SEE FINISH FLOOR PLANS FOR HLB-1, HORIZONTAL
- LOUVER BLIND LOCATIONS. XX-X DENOTES FINISH MATERIAL,

REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES

NO.	DESCRIPTION
A18	FIRE EXTINGUISHER CABINET, SEMI-RECESSED (FEC-SR)
159	FLAT SCREEN TV (OFCI) WITH RECESSED WALL MOUNT (CFCI). SEE DETAIL ON SHEET A10.12.
PTD	PAPER TOWEL DISPENSER, OFCI

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XX-X DENOTES FINISH MATERIAL, REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES

NO.	DESCRIPTION
A01	FUME HOOD
A15	REFRIGERATOR.
A18	FIRE EXTINGUISHER CABINET, SEMI-RECESSED (FEC-SR)
l12	GOGGLE SANITIZING CABINET
l15	FUME HOOD
l16	EMERGENCY SHOWER & EYE WASH
159	FLAT SCREEN TV (OFCI) WITH RECESSED WALL MOUNT (CFCI). SEE DETAIL ON SHEET A10.12.
166	RESIDENTIAL DISHWASHER. SEE SPEC 113110.
190	UNDERCOUNTER ICE MAKER. SEE SPEC 113110.
PTD	PAPER TOWEL DISPENSER, OFCI





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- XX-XDENOTES FINISH MATERIAL,
REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES							
NO.	DESCRIPTION						
A60	WALL MOUNTED SHORT THROW PROJECTOR						
120	SINK (SEE PLUMBING)						
131	FILM DRYING CABINET, OFCI						
PTD	PAPER TOWEL DISPENSER, OFCI						



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- XX-X DENOTES FINISH MATERIAL, REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES

NO.	DESCRIPTION
A02	AUDIO / VIDEO RACK. SEE AV DRAWINGS AND SPECS.
A60	WALL MOUNTED SHORT THROW PROJECTOR
139	WALL MOUNTED BALLET BARRE



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LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

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KEYNOTES						
NO.	DESCRIPTION					
101	SOUND ABSORBING WALL UNIT (SAW)					
103	MARKER BOARD (MBD)					
105	WALL MOUNTED PROJECTOR					
106	PROVIDE WINDOW BLINDS/SHADES PER DISTRICT STANDARD					
108	TALL LOCKABLE STORAGE CABINET					
120	SINK (SEE PLUMBING)					
140	STUDENT STORAGE CUBBIES/OPEN PROJECT STORAGE SLOTS					
142	COUNTER WORKSPACE, OPEN BELOW					
143	COUNTERTOP WITH CASEWORK BELOW, SEE INTERIOR ELEVATIONS FOR TYPES					
152	VERTICAL STORAGE SLOTS					
189	TACKBOARD (TBD)					
LAV	LAVATORY					
MR-1	MIRROR, 2' X 3'					
PTD	PAPER TOWEL DISPENSER, OFCI					



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24 ELECT. OUTLET WALL AT 3D ART - TYP A11.6 SCALE: 1/4" = 1'-0"

LEGEND NOTES

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CASEWORK AND MILLWORK GENERAL NOTES

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- SHADE LOCATIONS. P. U.N.O, SEE FINISH FLOOR PLANS FOR HLB-1, HORIZONTAL LOUVER BLIND LOCATIONS.

XX-X DENOTES FINISH MATERIAL, REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES			
NO.	DESCRIPTION		
A60	WALL MOUNTED SHORT THROW PROJECTOR		
124	METAL SHELVING, OFCI		
PTD	PAPER TOWEL DISPENSER, OFCI		



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A11.7 SCALE: 1/4" = 1'-0"

A11.7 SCALE: 1/4" = 1'-0"

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XX-X DENOTES FINISH MATERIAL, REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES

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A60	WALL MOUNTED SHORT THROW PROJECTOR
147	MUSIC INSTRUMENT STORAGE CABINETS. SEE SPEC 123216.













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- FIELD VERIFY ALL DIMENSIONS OF CABINET LOCATIONS IN THE BUILDING PRIOR TO FABRICATION.
- PROVIDE LOCKS AT ALL DOORS AND DRAWERS. M. PROVIDE FINISHED ENDS AT ALL EXPOSED ENDS OF CASEWORK
- AND MILLWORK.
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- ONLY. SEE FINISH FLOOR PLANS FOR RS-1 AND RS-2 ROLLER SHADE LOCATIONS.
- P. U.N.O, SEE FINISH FLOOR PLANS FOR HLB-1, HORIZONTAL LOUVER BLIND LOCATIONS.

DENOTES FINISH MATERIAL, REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES

NO.	DESCRIPTION
A60	WALL MOUNTED SHORT THROW PROJECTOR
147	MUSIC INSTRUMENT STORAGE CABINETS. SEE SPEC 123216.
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LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

CASEWORK AND MILLWORK GENERAL NOTES

- . CASEWORK AND MILLWORK GENERAL NOTES APPLY TO ALL CASEWORK/MILLWORK SHEETS.
- ELEVATIONS DENOTED AS MILLWORK ARE SPECIFIED UNDER DIVISION 06. ALL OTHERS SHALL BE SPECIFIED UNDER DIVISION 12 SECTION, UNLESS NOTED OTHERWISE. ALL BASE CABINETS TO BE 2'-0" DEEP UNITS, UNLESS NOTED
- OTHERWISE. ALL WALL CABINETS TO BE 1'-2" DEEP UNITS, UNLESS NOTED OTHERWISE.
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- XX-XDENOTES FINISH MATERIAL,
REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1

KEYNOTES

	-
NO.	DESCRIPTION
A09	LOCKER ROOM BENCH, 6' WIDE
A10	LOCKER ROOM BENCH, ADA
A12	DOUBLE TIERED LOCKERS
A20	RESIDENTIAL WASHER. SEE SPEC 113110.
A21	RESIDENTIAL DRYER. SEE SPEC 113110.





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CASEWORK AND MILLWORK GENERAL NOTES

A. CASEWORK AND MILLWORK GENERAL NOTES APPLY TO ALL CASEWORK/MILLWORK SHEETS.

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LEGEND NOTES

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LEGEND NOTES ARE COMMON TO ALL SOME NOTES MAY NOT APPLY TO THIS SHEET

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- XX-X
 DENOTES FINISH MATERIAL, REFER TO COLOR & MATERIAL SCHEDULE ON SHEET A0.1
 - KEYNOTES

NO.DESCRIPTIONA13DRINKING FOUNTAIN

















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KEYNOTES

NO.	DESCRIPTION
A18	FIRE EXTINGUISHER CABINET, SEMI-RECESSED (FEC-SR)



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- P. U.N.O, SEE FINISH FLOOR PLANS FOR HLB-1, HORIZONTAL LOUVER BLIND LOCATIONS.

(XX-X) DENOTES FINISH MATERIAL,

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- REFER	KEYNOTES
NO.	DESCRIPTION
A15	REFRIGERATOR.
162	FREESTANDING RESIDENTIAL REFRIGERATOR. SEE SPEC 113110.
166	RESIDENTIAL DISHWASHER. SEE SPEC 113110.
167	COPIER/PRINTER, OFCI

RECESSED BOOKDROP

RESIDENTIAL MICROWAVE. SEE SPEC 113110.

CIRCULATION DESK WITH BOOK DISPLAY





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RECEPTION DESK - LOW SECTION A11.16 SCALE: 1" = 1'-0"



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S0 1	DRAWING INDEX AND ABBREVIATIONS	/ X	x	/ X	<u> </u>	x	1
S0 2	GENERAL STRUCTURAL NOTES	X	X	X	X X	X	_
S0 3	GENERAL STRUCTURAL NOTES CONT	X	X	X	<u>х</u>	X	-
S0.4	SPECIAL INSPECTION AND TESTING	X	X	X	<u>х</u>	X	-
S0.5	SPECIAL INSPECTION AND TESTING	X	X	X	<u>Х</u>	X	-
S0.6	SPECIAL INSPECTION AND TESTING	X	X	X	X	X	-
S0.7	SPECIAL INSPECTION AND TESTING	Х	X	X	Х	X	-
S0.8	FLOOR LIVE LOADING PLANS	-	X	X	Х	X	-
S1.1	FOUNDATION PLAN - OVERALL	Х	X	X	Х	X	-
S1.1A	FOUNDATION PLAN - AREA A	Х	Х	Х	Х	X	-
S1.1B	FOUNDATION PLAN - AREA B	Х	Х	Х	Х	X	-
S1.1C	FOUNDATION PLAN - AREA C	Х	Х	Х	Х	X	-
S1.2	FRAMING PLAN, LEVEL 2 - OVERALL	Х	Х	X	Х	X	
S1.2A	FRAMING PLAN, LEVEL 2 - AREA A	Х	Х	Х	Х	X	
S1.2B	FRAMING PLAN, LEVEL 2 - AREA B	Х	X	X	Х	X	
S1.2C	FRAMING PLAN, LEVEL 2 - AREA C	Х	X	Х	Х	X	
S1.3	FRAMING PLAN, ROOF - OVERALL	Х	Х	X	Х	X	_
S1.3A	FRAMING PLAN, ROOF - AREA A	Х	Х	X	Х	X	_
S1.3B	FRAMING PLAN, ROOF - AREA B	Х	X	X	Х	X	-
S1.3C	FRAMING PLAN, ROOF - AREA C	Х	X	X	Х	X	-
S2.1	RAMP DEDUCTIVE ALTERNATE	-	-	X	X	X	
S3.1	BRACED FRAME ELEVATIONS	X	X	X	X	X	-
S3.2	BRACED FRAME ELEVATIONS	X	X	X	X	X	-
S3.3	BRACED FRAME ELEVATIONS	X	X	X	X	X	-
S3.11	BRACED FRAME DETAILS	X	X	X	X 	X	-
S3.12	BRACED FRAME DETAILS	X	X	X	X 	X	-
53.13	BRACED FRAME DETAILS	X	X	X	Χ	X	-
53.14	BRACED FRAME DETAILS	-	- V	- V	- 		
55.1 85.2							-
SD.2							-
S5.5 S5.4		× X	X X	X	×		-
S6 1		X	X	X	×		-
S6 2	STEEL DETAILS	X	X	X	×	X	
S6.3	STEEL DETAILS	X	X	X	×	X	
S6 4	STEEL DETAILS	X	X	X	<u>х</u>	X	-
S6.5	STEEL DECK DETAILS	X	X	X	<u>Х</u>	X	-
S6.6	STEEL DETAILS	X	X	X	X	X	-
S6.7	STEEL DETAILS	X	X	X	X	X	-
S6.8	STEEL DETAILS	Х	X	X	Х	X	-
S6.9	STEEL JOIST DETAILS	Х	X	X	Х	X	-
S6.10	STEEL DETAILS	Х	X	X	Х	X	-
S6.11	SCREEN WALL DETAILS	-	-	-	Х	X	1
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LIST OF ABBREVIATIONS

A.B.	ANCHOR BOLT	LVL	LAMINATED VENEER LUMBER BEAM
ACI	AMERICAN CONCRETE INSTITUTE	MAX.	MAXIMUM
ADD'L.	ADDITIONAL	MBMA	METAL BUILDING MANUFACTURERS
AESS	ARCHITECTURAL EXPOSED		ASSOCIATION
AISC	CONSTRUCTION INCORPORATED		MANUFACIURER
ALT.	ALTERNATE	MIN.	
ALUM.	ALUMINUM	MISC.	MISCELLANEOUS
ARCH.	ARCHITECT	MPH	MILES PER HOUR
ASCE	AMERICAN SOCIETY OF CIVIL	MT	MAGNETIC PARTICLE TESTING
	ENGINEERS	(N)	NEW
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	N.I.C.	NOT IN CONTRACT
AWS	AMERICAN WELDING SOCIETY	NOM.	NOMINAL
BLDG.	BUILDING	NO.	NUMBER
BOT.	BOTTOM	N.T.S.	NOT TO SCALE
BRBF	BUCKLING RESTRAINED BRACED	0.C.	ON CENTER
	FRAME	O.D.	OUTSIDE DIAMETER
C.G.	CENTER OF GRAVITY	OPP.	OPPOSITE
C.I.P.	CAST IN PLACE	OM1	OPEN WEB JOIST
C.J.	CONTROL JOINT	PAF	POWDER ACTUATED FASTENER
C.J.P.	COMPLETE JOINT PENETRATION	PART.	PARTITION
CL	CENTERLINE	P/C	PRECAST
CLR.	CLEAR	PCF	POUNDS PER CUBIC FOOT
CMU	CONCRETE MASONRY UNIT	PERIM.	PERIMETER
COL.	COLUMN	PL	PLATE
CONC.	CONCRETE	PP	PARTIAL PENETRATION
CONN.	CONNECTION	PSF	POUNDS PER SQUARE FOOT
CONST.	CONSTRUCTION	PSL	PARALLEL STRAND LUMBER
CONT.	CONTINUOUS	PSI	POUNDS PER SQUARE INCH
db	BAR DIAMETER	P/T	POST-TENSIONED
DBA	DEFORMED BAR ANCHOR	P.T.	PRESSURE TREATED
DET.	DETAIL	PVC	POLYVINYL CHLORIDE
DIA., Ø	DIAMETER	R, RAD.	RADIUS
DIAG.	DIAGONAL	RCSC	RESEARCH COUNCIL ON
D.L.	DEAD LOAD	DEE	
514/0		REF.	REFERENCE
DWG.	DRAWING	DET	
DWG. ELEC.	ELECTRICAL	RET.	RETURN
DWG. ELEC. EL.	ELECTRICAL ELEVATION	RET. REINF.	RETURN REINFORCING
DWG. ELEC. EL. EQ.	DRAWING ELECTRICAL ELEVATION EQUAL	RET. REINF. REQ'D. REQ'MTS	RETURN REINFORCING REQUIRED
DWG. ELEC. EL. EQ. EXIST., (E)	ELECTRICAL ELEVATION EQUAL EXISTING	RET. REINF. REQ'D. REQ'MTS.	RETURN REINFORCING REQUIRED REQUIREMENTS
DWG. ELEC. EL. EQ. EXIST., (E) EXP.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION	RET. REINF. REQ'D. REQ'MTS. SCHED.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL
DWG. ELEC. EQ. EXIST., (E) EXP. EXT. FDN.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FT.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FT. FTG.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FIR. FT. FTG. GA.	ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SPECIFICATION
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FIR. FIR. FT. FTG. GA. GALV.	ELECTRICAL ELEVATION EQUAL EXISTING EXTERIOR EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SS	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SLAB ON GRADE SPECIFICATION SQUARE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FLR. FT. FTG. GA. GALV. GL	ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GLULAM	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATION
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ.	ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SLISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SPECIFICATION SQUARE STAINLESS STEEL STEEL STUD MANUFACTURERS ASSOCIATION STANDARD
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS	ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FIOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED HORIZONTAL HOLLOW STRUCTURAL STEEL	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA STD. STRUCT.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SPECIFICATION SQUARE STAINLESS STEEL STEEL STUD MANUFACTURERS ASSOCIATION STANDARD STRUCTURAL
 DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIR. FIR. FTG. GA. GALV. GL HORIZ. HSS IBC 	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXTERIOR EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA STD. STRUCT. SYM.	RETURN REINFORCING REQUIRED REQUIREMENTS SCHEDULE SLIP CRITICAL STRUCTURAL COMPOSITE LUMBER SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SPECIFICATION SQUARE STAINLESS STEEL STEEL STUD MANUFACTURERS ASSOCIATION STRUCTURAL SYMMETRICAL
 DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS IBC ICBO 	DRAWING ELECTRICAL ELEVATION EQUAL EXUSTING EXTERIOR EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA STD. STRUCT. SYM. THRU	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALSTRUCTURALSTRUCTURALHROUGH
 DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS IBC ICBO 	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXTERIOR EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOT FOOT GAUGE GAUGE GALVANIZED GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA STD. STRUCT. SYM. THRU T&G	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTELL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALSTMMETRICALTHROUGHTONGUE AND GROOVE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIR. FIR. FT. FTG. GA. GALV. GL HORIZ. HORIZ. HSS IBC ICBO	DRAWING ELECTRICAL ELEVATION EQUAL EXISTING EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA SSMA STD. STRUCT. STRUCT. SYM. THRU T&G	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALHROUGHTONGUE AND GROOVETRANSVERSE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HORIZ. HSS IBC ICBO	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GLULAM HORIZONTAL HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA SSMA STD. STRUCT. STRUCT. SYM. THRU T&G TRANS.	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALHROUGHTONGUE AND GROOVETRANSVERSETRUSS JOIST
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS IBC ICBO I.D. I.D. I.D.	DRAWING ELECTRICAL ELEVATION EQUAL EXISTING EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA SSMA SSMA STD. SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTRUCTURALSTRUCTURALSTRUCTURALSTRUCTURALSTRUCTURALSTANDARDSTRUCTURALTONGUE AND GROOVETRANSVERSETRUSS JOISTLIGHT GAUGE TUBE STEEL
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.N.	DRAWING ELECTRICAL ELEVATION EQUAL EXISTING EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GLULAM HORIZONTAL HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH INTERIOR	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA SSMA SSMA STD. SSMA STD. SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALHROUGHTONGUE AND GROOVETRANSVERSEILIGHT GAUGE TUBE STEELLIGHT GAUGE TUBE STEELTYPICAL
 DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS IBC ICBO I.D. I.D. INT. K KSF 	DRAWING ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SS SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS TYP. U.N.O.	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALSYMMETRICALTONGUE AND GROOVETRANSVERSEIRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISE
 DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FLR. FT. FTG. GA. GALV. GL HORIZ. HSS IBC ICBO I.D. I.D. INT. K KSF KSI 	DRAWING ELECTRICAL ELEVATION EQUAL EXUSTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH INTERIOR KIPS KIPS PER SQUARE FOOT KIPS PER SQUARE INCH	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SS SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS TYP. U.N.O. U.T.	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTRUCTURALSTRUCTURALTHROUGHTONGUE AND GROOVETRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISEULTRASONIC TESTING
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FIR. FTG. GA. GALV. GL HORIZ. HORIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.D. KSF KSI LB.	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GLULAM HORIZONTAL HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INSIDE DIAMETER INCH INTERIOR KIPS PER SQUARE FOOT KIPS PER SQUARE INCH	RET. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SS SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS TYP. U.N.O. U.T. VERT.	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESUP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTRUCTURALSTRUCTURALHROUGHTONGUE AND GROOVETRANSVERSEILIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISEULTRASONIC TESTINGVERTICAL
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FIR. FIR. FT. FTG. GA. GALV. GL HORIZ. HORIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.D. I.D. I.S KSI ISC I.D. I.D. I.D. I.D.	DRAWING ELECTRICAL ELEVATION EQUAL EXISTING EXISTING EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HORLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH INTERIOR KIPS FURS KIPS PER SQUARE FOOT KIPS PER SQUARE FOOT KIPS PER SQUARE INCH	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS TYP. U.N.O. U.T. VERT. V.I.F.	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTRUCTURALSTMMETRICALTHROUGHTONGUE AND GROOVETRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISEULTRASONIC TESTINGVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICALVERTICAL
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FIR. FIR. FT. FTG. GA. GALV. GL HORIZ. GL HORIZ. ICBO ICBO ICBO I.D. I.D. I.D. I.D. I.D. I.D. I.S KSI IBC I.CBO I.D. I.D. I.D. I.D. I.D. I.D. I.D. I.D	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH INTERIOR KIPS FRISU SQUARE FOOT KIPS PER SQUARE INCH POUND LIVE LOAD	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS TYP. U.N.O. U.T. VERT. V.I.F. W/	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTRUCTURALSTRUCTURALHROUGHTONGUE AND GROOVETRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISEULTRASONIC TESTINGWITH
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FIR. FIR. FT. FTG. GA. GALV. GL HORIZ. HORIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.D. I.D. I.S KSF KSI LB. L.L. LLH LLV	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXISTING EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOT FOOT FOOTING GAUGE GALVANIZED GLULAM HORIZONTAL HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INCH INTERIOR KIPS KIPS PER SQUARE FOOT KIPS PER SQUARE FOOT KIPS PER SQUARE FOOT LONG LEG HORIZONTAL LONG LEG HORIZONTAL	RET.REINF.REQ'D.REQ'MTS.SCHED.S.C.SCLSIM.SLRSS.O.G.SPEC.SQ.SSMASTD.STRUCT.SYM.THRUT>XP.J.N.O.U.N.O.U.T.VERT.V.I.F.WWF	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTRUCTURALSTRUCTURALHROUGHTRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISEULTRASONIC TESTINGVERTICALWITHWIDE FLANGE
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIN. FIR. FIC. FTG. GA. GALV. GL HORIZ. HORIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.D. I.S KSI ICBO I.D. I.D. I.S KSI ICBO	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GALVANIZED GALVANIZED GALVANIZED INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL STEEL INCH INTERNATIONAL STEEL INCH INTERIOR KIPS PER SQUARE FOOT KIPS PER SQUARE INCH POUND LIVE LOAD LONG LEG HORIZONTAL LONG LEG HORIZONTAL LONG LEG VERTICAL	RET.REINF.REQ'D.REQ'MTS.SCHED.S.C.SCLSIM.SLRSS.O.G.SPEC.SQ.SSMASTD.STRUCT.SYM.THRUT>XANS.TJTSTYP.U.N.O.U.T.VERT.V.I.F.W/WFW/0	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALSYMMETRICALHROUGHTONGUE AND GROOVETRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALVILESS NOTED OTHERWISEULTRASONIC TESTINGVERTICALVERTICALVERTICALWITHWIDE FLANGEWITHOUT
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIR. FIR. FTG. GA. GALV. GL GALV. GL HORIZ. HOSRIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.CBO I.D. KSF IBC ICBO I.D. I.D. I.S IBC ICBO	DRAWING ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH INTERIOR KIPS KIPS PER SQUARE FOOT KIPS PER SQUARE INCH POUND LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL	RET.REINF.REQ'D.REQ'MTS.SCHED.S.C.SCLSIM.SLRSS.O.G.SPEC.SQ.SSMASTRUCT.SYM.THRUT>YP.U.N.O.U.T.VERT.V.I.F.W/WFW/OW.P.	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMLARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTANDARDSTANDARDSTANDERSTHROUGHTONGUE AND GROOVETRANSVERSETRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALUNLESS NOTED OTHERWISEULTRASONIC TESTINGVERTICALWITHWIDE FLANGEWITHOUTWORK POINT
DWG. ELEC. EL. EQ. EXIST., (E) EXP. EXT. FDN. FIN. FIR. FIR. FTG. GA. GALV. GL HORIZ. GL HORIZ. HSS IBC ICBO I.D. I.D. I.D. I.D. I.CBO I.D. KSF IBC ICBO I.D. I.D. I.D. I.D. I.D. I.D. I.D. I.D	DRAWING ELECTRICAL ELECTRICAL ELEVATION EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GALUAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS INSIDE DIAMETER INCH INTERIOR KIPS KIPS PER SQUARE FOOT KIPS PER SQUARE INCH POUND LIVE LOAD LONG LEG HORIZONTAL LONG LEG HORIZONTAL LONG LEG VERTICAL	RET.REINF.REQ'D.REQ'MTS.SCHED.S.C.SCLSIM.SLRSS.O.G.SPEC.SQ.SSSSMASTD.STRUCT.SYM.THRUT>YP.U.N.O.U.T.VERT.V.I.F.W/WFW/S	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSQUARESPECIFICATIONSQUARESTAINLESS STEELSTRUCTURALSTRUCTURALSYMMETRICALTHROUGHTONGUE AND GROOVETRANSVERSEIRUSS JOISTLIGHT GAUGE TUBE STEELTYPICALVILRESS NOTED OTHERWISEULTRASONIC TESTINGVERTICALWIDE FLANGEWITHWIDE FLANGEWITHOUTWORK POINTVENDIOL OPPOCEDURE
DWG. ELEC. EQ. EXIST., (E) EXP. EXT. FDN. FIR. FT. FTG. GALV. GL HORIZ. IBC ICBO I.D. INT. K KSF KSI LLH LLV LOC. LONG. LVF	DRAWING ELECTRICAL ELECTRICAL ELEVATION EQUAL EQUAL EXISTING EXPANSION EXTERIOR FOUNDATION FINISH FLOOR FOOT FOOTING GAUGE GALVANIZED GALVANIZED GALVANIZED GLULAM HORIZONTAL HOLLOW STRUCTURAL STEEL INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INTERNATIONAL BUILDING CODE INSIDE DIAMETER INCH INTERIOR KIPS KIPS PER SQUARE FOOT KIPS PER SQUARE INCH POUND LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL LONG IEG VERTICAL LONGITUDINAL LAMINATED STRAND LUMBER BEAM	RET. REINF. REQ'D. REQ'MTS. SCHED. S.C. SCL SIM. SLRS S.O.G. SPEC. SQ. SS SSMA STD. STRUCT. SYM. THRU T&G TRANS. TJ TS TYP. U.N.O. U.T. VERT. V.I.F. W/ WF W/O W.P. WPS	RETURNREINFORCINGREQUIREDREQUIREMENTSSCHEDULESLIP CRITICALSTRUCTURAL COMPOSITE LUMBERSIMILARSEISMIC LOAD RESISTING SYSTEMSLAB ON GRADESPECIFICATIONSQUARESTAINLESS STEELSTEEL STUD MANUFACTURERS ASSOCIATIONSTANDARDSTRUCTURALSYMMETRICALTHROUGHTONGUE AND GROOVETRANSVERSEILIGHT GAUGE TUBE STEELIVPICALUNLESS NOTED OTHERWISEULTRASONIC TESTINGVERTICALWIDE FLANGEWITHWIDE FLANGEWITHOUTWORK POINTWELDING PROCEDUREWITH OUTWITH OUT



STRUCTURAL DRAWINGS ARE A PORTION OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO BE USED WITH ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS FROM THESE DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK.

THESE GENERAL NOTES SUPPLEMENT THE PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.

CODE REQUIREMENTS:

CONFORM TO THE 2014 OREGON STRUCTURAL SPECIALTY CODE (OSSC), BASED ON THE 2012 INTERNATIONAL BUILDING CODE (IBC).

TEMPORARY CONDITIONS:

THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES.

CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

RETAINING WALLS WHICH TIE TO UPPER SLABS SHALL NOT BE BACKFILLED UNTIL THE UPPER SLABS REACH FULL STRENGTH UNLESS ADEQUATE BRACING IS PROVIDED AT THE TOP OF THE WALL.

EXISTING CONDITIONS:

ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY SIGNIFICANT DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS.

ASSUMED FUTURE CONSTRUCTION: VERTICAL: NONE HORIZONTAL: NONE

DESIGN CRITERIA:

DESIGN WAS BASED ON THE STRENGTH AND DEFLECTION CRITERIA OF THE OSSC. IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS AND ALLOWABLES WERE USED FOR DESIGN, WITH LIVE LOADS (L.L.) REDUCED PER OSSC:

	GRAVITY SYSTEM CRITERIA					
ROOF LIVE/SNOW LOAD	27 PSF L.L. (ALSO SEE SNO	W LOAD CRITERIA BELOW)				
FLOOR LIVE LOADS:	UNIFORM LOAD	CONCENTRATED LOAD				
1st FLOOR CORRIDORS AND STAIRS	100 PSF L.L.	2,000 LBS. (300 LBS. AT STAIRS)				
CORRIDORS ABOVE 1st FLOOR	100 PSF L.L.	2,000 LBS.				
TYPICAL CLASSROOMS/OFFICE	80 PSF L.L.	-				
ASSEMBLY AREAS/LOBBY/COMMONS	100 PSF L.L.	2,000 LBS.				
DANCE CLASSROOMS	100 PSF L.L.	2,000 LBS.				
LIBRARY AND MEDIA ROOM	150 PSF L.L.	2,000 LBS.				
MECHANICAL ROOMS	125 PSF L.L.	REF PLANS				
STORAGE ROOMS	125 PSF L.L.	2,000 LBS				
VERTICAL FLOOR DEFLECTION (CLADDING DESIGN)	1" OR L/360 WHICHEVER IS LESS L LOAD; 0.375" OR L/600 WHICHEVER IS	ONG TERM DEAD LOAD PLUS LIVE S LESS AT BRICK VENEER SUPPORTS				
VERTICAL FLOOR DEFLECTION (INTERIOR)	L/360 LIVE LOAD PER	ROSSC TABLE 1604.3				
NOTES:	1. LIVE LOADS REDUCED PER OSSC.					
	2. MEMBER DESIGNED FOR MORE CF CONCENTRATED LOAD.	RITICAL OF UNIFORM OR				
	SNOW CRITERIA					
		CORDANCE WITH OSSC				
GROUND SNOW LOAD	2007 SNOW LOAD AN	ALYSIS FOR OREGON				
FLAT ROOF SNOW LOAD	Pf = 1	1 PSF				
SNOW EXPOSURE FACTOR	Ce =	= 1.0				
SNOW LOAD IMPORTANCE FACTOR	ls =	1.1				
THERMAL FACTOR	Ct =	1.0				
	GEOTECHNICAL CRITERIA					
DESIGN BASED ON REPORT BY:	GRI, INC. DATEI	D JUNE 25, 2018				
RETAINING WALLS - CANTILEVERED	35 PCF (EQUIVALEN	T FLUID PRESSURE)				
RETAINING WALLS - BRACED AT	55 PCE (EQUIVALEN					
TOP RETAINING WALLS - SEISMIC	TRIANGULAR LOAD OF 0H (PSF) AT T	OP OF WALL TO 7H (PSF) AT BASE OF				
	WALL; (H=W.					
BRACED AT TOP OF WALL	WALL; (H=W	ALL HEIGHT)				
ALLOWABLE SOIL PRESSURE:						
SPREAD FOOTINGS	2,500	PSF				
SHORT TERM LOADING	3,750	PSF				
	WIND CRITERIA					
RISK CATEGORY	I	1				
MAIN WIND FORCE RESISTING SYSTEM	Vult = 130 MPH ULTIMATE DESIG	N WIND SPEED (3-SECOND GUST)				
COMPONENTS AND CLADDINGS	Vult = 130 MPH ULTIMATE DESIG	N WIND SPEED (3-SECOND GUST)				
EXPOSURE CATEGORY	E	3				
GUST/INTERNAL PRESSURE	GCpi =	+/- 0.18				
	SEISMIC CRITERIA					
		INTARY)				
)				
		- 1				
	L					
	IE =	04 - 0.40				
	5s = 1.00	51 = 0.43				
SITE COEFFICIENT	Fa = 1.10	Fv = 1.57				
DESIGN SPECTRAL ACCELERATION	SDS = 0.74	SD1 = 0.45				
ANALYSIS PROCEDURE		LYSIS PER ASCE 7-10, SECTION 12.9				
SEISMIG FORGE RESISTING SYSTEM (SFRS)	SIEEL BUCKLING-RESTRAINED BRACED FRAMFS	STEEL BUCKLING-RESTRAINED BRACED FRAMFS				
RESPONSE MODIFICATION FACTOR	R = 8	R = 8				
SEISMIC RESPONSE COEFFICIENT						
-	Cs = 0.137	Cs = 0.137				
DYNAMIC DESIGN BASE SHEAR	Cs = 0.137 625 KIPS	Cs = 0.137 625 KIPS				
DYNAMIC DESIGN BASE SHEAR	Cs = 0.137 625 KIPS	Cs = 0.137 625 KIPS rbo = 1.3				
DYNAMIC DESIGN BASE SHEAR REDUNDANCY FACTOR DESIGN INFLASTIC STORY DRIFT	Cs = 0.137 625 KIPS rho = 1.3	Cs = 0.137 625 KIPS rho = 1.3				
DYNAMIC DESIGN BASE SHEAR REDUNDANCY FACTOR DESIGN INELASTIC STORY DRIFT RATIO	Cs = 0.137 625 KIPS rho = 1.3 Δ/h = 0.01	Cs = 0.137 625 KIPS rho = 1.3 Δ/h = 0.01				

GENERAL STRUCTURAL NOTES

SEISMIC FORCE-RESISTING SYSTEM:

THE SEISMIC FORCE-RESISTING SYSTEM (SFRS) FOR THE COMPLETED STRUCTURE IS AS FOLLOWS:

THE NEW STEEL FRAMED BUILDING CONSISTS OF RIGID AND SEMIRIGID DIAPHRAGMS WHICH TRANSFER LATERAL FORCES TO STEEL BUCKLING-RESTRAINED BRACED FRAMES.

REFERENCE SHEETS S300 SERIES SHEETS FOR SFRS ELEVATIONS AND DETAILS. REFERENCE PLANS FOR ADDITIONAL SFRS COMPONENTS AND DETAILS.

REFER TO THE GENERAL STRUCTURAL NOTES AND PROJECT SPECIFICATIONS FOR DETAILING, INSTALLATION, TESTING AND INSPECTION REQUIREMENTS FOR MEMBERS THAT ARE PART OF THE SEISMIC FORCE **RESISTING SYSTEM (SFRS).**

DESIGN AND DETAILING WAS BASED ON CRITERIA FOR SEISMIC DESIGN CATEGORY D

STRUCTURAL OBSERVATION:

THE STRUCTURAL ENGINEER OF RECORD (SER) WILL PERFORM STRUCTURAL OBSERVATION BASED ON THE REQUIREMENTS OF THE OSSC AT THE STAGES OF CONSTRUCTION LISTED BELOW. CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE AND ACCESS FOR THE SER TO PERFORM THESE OBSERVATIONS.

STRUCTURAL OBSERVATIONS						
ITEM	OBSERVED BY (2)		COMMENTS			
	AOR	SER	COMMENTS			
PRIOR TO FIRST CONCRETE POUR		Х	REF. NOTES 1,3,4,5			
PRIOR TO FIRST CONCRETE DECK POUR		Х	REF. NOTES 1,3,4,5			
DURING INITIAL STEEL ERECTION		Х	REF. NOTES 1,3,4			
AS REQUIRED TO ADDRESS STRUCTURAL ISSUES		Х	REF. NOTES 1,3,4			

FOOTNOTES:

CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SER IN ADVANCE. SER - STRUCTURAL ENGINEER OF RECORD. 2. **AOR - ARCHITECT OF RECORD.**

- 3. A FIELD REPORT WILL BE SUBMITTED TO THE BUILDING DEPARTMENT FOLLOWING EACH SITE VISIT.
- STRUCTURAL OBSERVATION IS FOR THE GENERAL CONFORMANCE OF THE STRUCTURAL DRAWING, SPECIAL INSPECTION IS STILL REQUIRED.
- 5. AFTER REINFORCING STEEL HAS BEEN INSTALLED.

SPECIAL INSPECTION AND TESTING:

SPECIAL INSPECTION WILL BE PROVIDED BY THE OWNER BASED ON THE REQUIREMENTS OF THE OSSC AS SUMMARIZED IN THE SPECIAL INSPECTION AND TESTING PROGRAM ON SHEETS S0.4, S0.5, S0.6, AND S0.7. CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE AND ACCESS FOR THE SPECIAL INSPECTOR TO PERFORM THESE INSPECTIONS.

SUBMITTALS:

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION OF ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING:

SUBMITTALS						
ITEM	SUBMITTAL (1,4)	DEFERRED SUBMITTAL (2,4)	COMMENTS			
CONCRETE MIX DESIGNS	X					
CONCRETE REINFORCEMENT	X					
CONCRETE ANCHORAGES	Х					
EMBEDDED STEEL ITEMS	X					
STRUCTURAL STEEL	X					
STEEL WELDING PROCEDURES	Х					
STEEL DECKING	X					
STEEL FASTENERS	Х					
EXTERIOR LIGHT GAUGE METAL FRAMING		Х				
CURTAIN WALL, WINDOW WALL AND OTHER		v				
GLAZING SYSTEMS		^				
SKYLIGHTS		X				
STAIRS, LADDERS, AND RAILINGS		Х				
MEP EQUIPMENT ANCHORAGE AND BRACING		X	REF. NOTES			

FOOTNOTES:

1. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION OF STRUCTURAL ITEMS. IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF OREGON. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ARE SUBJECT TO REVIEW AND ACCEPTANCE OF THE STRUCTURAL ENGINEER.

2. DESIGN DRAWINGS, SHOP DRAWINGS, AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF OREGON, AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. CALCULATIONS SHALL BE INCLUDED FOR ALL CONNECTIONS TO THE STRUCTURE, CONSIDERING LOCALIZED EFFECTS ON STRUCTURAL ELEMENTS INDUCED BY THE CONNECTION LOADS. DESIGN SHALL BE BASED ON THE REQUIREMENTS OF THE OSSC AND AS NOTED UNDER "DESIGN CRITERIA".

3. THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS OF MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT, MACHINERY, AND ASSOCIATED PIPING WITH THE STRUCTURE. CONNECTIONS TO STRUCTURE SHALL CONFORM TO ASCE 7-10 CHAPTER 13. BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE OF OREGON, AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION.

4. FIELD ENGINEERED DETAILS DEVELOPED BY THE CONTRACTOR THAT DIFFER FROM OR ADD TO THE STRUCTURAL DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF OREGON AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO CONSTRUCTION.

5. THE USE OF REPRODUCTIONS OR PHOTOCOPIES OF THE CONTRACT DRAWINGS SHALL NOT BE PERMITTED. WHEN CAD OR REVIT FILES ARE PROVIDED TO THE CONTRACTOR OR SUBCONTRACTORS, IT IS THE **RESPONSIBILITY OF THE DETAILERS TO REMOVE ALL INFORMATION NOT DIRECTLY RELEVANT TO THE** CREATION OF THE PLACING DRAWINGS AS WELL AS ALL REFERENCES TO THE OUTSIDE SOURCE FILES.

CONCRETE:

CONCRETE MIX DESIGNS							
USE	f'c (PSI)	TEST AGE (DAYS)	MAX. W/CM RATIO (NOTE 1)	MAX. AGGREGATE SIZE			
MISC. CONCRETE, CURBS, SIDEWALKS, ETC.	3,000	28	0.50	1"			
EXPOSED SLABS ON GRADE OR SLAB ON DECK (NOTE 3)	4,000	28	0.42	1"			
INTERIOR SLABS ON GRADE	4,000	28	0.50	1"			
STEM WALLS, SPREAD FOOTINGS AND WALL FOOTINGS	4,000	28	0.45	1"			
CONCRETE ON METAL DECK, U.N.O.	4,000	28	0.50	3/4"			
BRACED FRAME FOOTINGS	5,000	28	0.45	1"			

TABLES NOTES:

1.	VERIFY WATE
2.	ESTABLISH W

PORTLAND CEMENT CONTENT MAY BE REPLACED UP TO 20% WITH FLY ASH CONFORMING TO ASTM C618 (INCLUDING TABLE 2A) TYPE F OR TYPE C OR UP TO 50% WITH SLAG CEMENT CONFORMING TO ASTM C989, PROVIDED THAT THE MIX STRENGTH IS SUBSTANTIATED BY TEST DATA. FOR MIX DESIGNS WITH f'c = 5,000 PSI OR LESS, SLAG CEMENT MAY BE SUBSTITUTED FOR FLY ASH AT A 1:1 RATIO WITHOUT TEST DATA. WHEN SLAG CEMENT IS SUBSTITUTED IN HIGHER STRENGTH MIXES OR AT DIFFERENT RATIO, THE MIX STRENGTH MUST BE SUBSTANTIATED BY TEST DATA.

A WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494 USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS SHALL BE INCORPORATED IN CONCRETE DESIGN MIXES. A HIGH-RANGE WATER-REDUCING (HRWR) ADMIXTURE CONFORMING TO ASTM C494 TYPE F OR G MAY BE USED IN CONCRETE MIXES PROVIDING THAT THE SLUMP DOES NOT EXCEED 10". AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN CONCRETE MIXES FOR ALL CONCRETE EXPOSED TO WEATHER. THE AMOUNT OF ENTRAINED AIR BY VOLUME SHALL BE AS FOLLOWS ± 1.5%:

	CONCRETE MIX AIR CONTENT					
MAX. AGGREGATE SIZE	CONCRETE SUBJECT TO FREEZE/THAW	CONCRETE SUBJECT TO CONT. MOISTURE AND/OR DEICING CHEMICALS				
3/8"	6.0%	7.5%				
1/2"	5.5%	7.0%				
3/4"	5.0%	6.0%				
1"	4.5%	6.0%				
1-1/2"	4.5%	5.5%				

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS ALONG WITH TEST DATA COMPLIANT WITH ACI 318-11 OSSC SECTION 1905 A MINIMUM OF TWO WEEKS PRIOR TO PLACING CONCRETE. NO WATER MAY BE ADDED TO CONCRETE IN THE FIELD UNLESS SPECIFICALLY APPROVED IN WRITING BY THE CONCRETE SUPPLIER IN CONJUNCTION WITH THE CONCRETE MIX DESIGN.

SLEEVES, OPENINGS, CONDUIT, AND OTHER EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER BEFORE PLACING CONCRETE. CONDUITS EMBEDDED IN SLABS SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE THIRD OF THE THICKNESS OF THE SLAB AND SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS ON CENTER.

WHERE NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE. THE EXISTING CONCRETE SURFACE SHALL BE CLEANED AND ROUGHENED TO A MINIMUM 1/4" AMPLITUDE PER ACI 318 SECTION 11.6.9. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED CONCRETE EDGES, UNLESS NOTED OTHERWISE.

VERIFY ALL BLOCK OUTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS.

EXPOSED SLABS:

REFERENCE ARCHITECTURAL DRAWINGS FOR SLABS ON GRADE AND SLABS ON DECK THAT ARE INTENDED TO BE EXPOSED TO VIEW. IN ADDITION TO THE REQUIREMENTS ABOVE UNDER CONCRETE NOTES, FINE AGGREGATE GRADING SHALL CONFORM TO ASTM C33 AND COMBINED AGGREGATE GRADING SHALL CONFORM TO ACI 302.1R. CONCRETE SHRINKAGE SHALL BE LESS THAN 0.04% AT 28 DAYS WHEN TESTED PER ASTM C157. SHRINKAGE TEST DATA TO BE SUBMITTED FOR APPROVAL WITH THE MIX DESIGN.

THE CONTRACTOR SHALL PROTECT EXPOSED SLABS FROM DAMAGE DUE TO EQUIPMENT AND OTHER UNINTENDED LOADING DURING CONSTRUCTION.

REFERENCE SLAB ON GRADE DETAILS AND THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION ON SUBGRADE REQUIREMENTS. REFERENCE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS INCLUDING CURING, FINISHING AND VAPOR BARRIER.

SHORING AND RE-SHORING:

SHORING AND RE-SHORING DESIGN IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL CONFORM TO 347R-14 AND ACI 347.2R-05. SHORING AND SUPPORTING FORMWORK SHALL NOT BE REMOVED FROM HORIZONTAL MEMBERS BEFORE CONCRETE STRENGTH IS AT LEAST 70 PERCENT OF DESIGN STRENGTH, AS DETERMINED BY FIELD CURED CYLINDERS.

CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE OSSC. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD CYLINDER TESTS PER ASTM C39. MIX DESIGNS SHALL BE AS FOLLOWS:

CONCRETE	MIX	DESIGNS

ER-CEMENTITIOUS MATERIAL RATIO WITH FLOOR COVERING MANUFACTURER FOR LOORS WITH MOISTURE SENSITIVE FLOOR COVERINGS.

ATER-CEMENTITIOUS MATERIAL RATIO PER ACI 318-11 CHAPTER 5.

3. REFERENCE EXPOSED SLAB GENERAL NOTES FOR ADDITIONAL MIX REQUIREMENTS.

CONCRETE ELEMENTS SUBJECT TO FREEZE/THAW INCLUDE ALL EXTERIOR SLABS.

REINFORCING STEEL:

ALL DEFORMED BAR REINFORCEMENT MAY BE ASTM A615 GRADE 60 OR ASTM A706 GRADE 60. ASTM A615 REINFORCEMENT MAY BE SUBSTITUTED FOR ASTM A706 REINFORCEMENT PROVIDED THAT THE ACTUAL YIELD STRENGTH BASED ON MILL TESTS DOES NOT EXCEED 78,000 PSI AND THE RATIO OF ACTUAL TENSILE STRENGTH TO ACTUAL YIELD STRENGTH IS NOT LESS THAN 1.25. MILL TESTS CERTIFICATIONS FOR SUBSTITUTED BARS SHALL BE SUBMITTED TO THE SPECIAL INSPECTOR AND EOR PRIOR TO PLACEMENT.

SMOOTH WELDED WIRE FABRIC (WWF) SHALL BE ASTM A1064, UNLESS NOTED OTHERWISE. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706. WELDING SHALL COMPLY WITH AWS D1.4. COLUMN SPIRALS SHALL BE PLAIN OR DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 ANNEALED IRON WIRE.

BARS IN BEAMS AND SLABS SHALL BE SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL OR PLASTIC CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STANDARD PRACTICE, MSP-1, REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315. SHOP DRAWINGS SHALL INCLUDE ELEVATIONS OF ALL BEAMS, WALLS AND COLUMNS SHOWING BAR LOCATIONS. LAP ALL REINFORCING BARS PER THE TYPICAL LAP SPLICE LENGTH SCHEDULES, EXCEPT AS NOTED ON DRAWINGS. USE LAP LENGTH FOR SMALLER BAR WHEN SPLICING DIFFERENT BAR SIZES. BARS SPLICED WITH NONCONTACT LAPS SHALL BE SPACED NO FARTHER THAN 1/5TH THE LAP LENGTH OR 6 INCHES. MECHANICAL SPLICES NOTED ON THE PLANS SHALL BE DAYTON SUPERIOR BAR-LOCK (ICC ESR-2495) OR TAPER-LOCK COUPLERS (IAPMO ES-0319) OR APPROVED WITH A CURRENT EVALUATION APPROVAL REPORT.

	TYP. WALL AND SLAB LAP SPLICE LENGTH SCHEDULE (IN.)						
	WALL VERTICAL AND SLAB WALL HORIZONTAL AND BOTTOM BARS (NOTE 7) SLAB TOP BARS (NOTE 7)						
BAR SIZE	f'c =	f'c =	f'c =	f'c =	f'c =	f'c =	
SIZE	3,000	4,000	5,000	3,000	4,000	5,000	
	PSI	PSI	PSI	PSI	PSI	PSI	
#3	18	16	14	24	20	18	
#4	30	26	24	38	34	30	
#5	36	32	30	48	42	38	
#6	44	38	34	58	50	44	
#7	70	62	54	92	78	70	
#8	86	74	68	112	98	88	
#9	104	92	82	136	118	106	
#10	126	108	98	164	142	126	
#11	148	128	116	192	166	150	

TYP. FOUNDATION AND MAT LAP SPLICE LENGTH SCHEDULE (IN.)						
	BOTTO	OTTOM BARS (NOTE 7) T		ТОР	TOP BARS (NOTE 7)	
BAR SIZE	f'c = 3,000 PSI	f'c = 4,000 PSI	f'c = 5,000 PSI	f'c = 3,000 PSI	f'c = 4,000 PSI	f'c = 5,000 PSI
#3	18	14	14	22	20	18
#4	22	20	18	28	26	22
#5	28	24	22	36	32	28
#6	34	28	26	42	38	34
#7	48	42	38	62	54	48
#8	54	48	42	70	62	54
#9	62	54	48	80	70	62
#10	70	60	54	90	78	70
#11	78	68	60	104	90	82

TABLE NOTES

- MINIMUM LAP SPLICES NOTED ARE FOR NON-LATERAL LOAD RESISTING ELEMENTS. FOR REBAR LAPS SPLICES AT LATERAL LOAD RESISTING ELEMENTS, REFERENCE PLANS AND ELEVATIONS.
- 2. ASTM A615 OR ASTM A706, GRADE 60 DEFORMED REINFORCING BARS
- 3. MINIMUM CLEAR COVER AND BAR SPACING of 4db TO BE PROVIDED. 4. NORMAL WEIGHT CONCRETE, FOR LIGHT-WEIGHT CONCRETE MULTIPLY TABLE VALUES BY 1.3.
- 5. UNCOATED BARS, FOR EPOXY-COATED BARS MULTIPLY TABLE VALUES BY 1.5.
- 6. COMBINATIONS OF EFFECTS DUE TO CONCRETE STRENGTH, CONCRETE WEIGHT, AND EPOXY COATING ARE CUMULATIVE. 7. SLAB, FOUNDATION AND MAT TOP BARS ARE BARS CAST ABOVE MORE THAN 12" OF FRESH CONCRETE. ALL OTHER SLAB BARS MAY BE CONSIDERED BOTTOM BARS.

REINFORCING STEEL SHALL HAVE PROTECTION AS FOLLOWS

REINFORCING STEEL CONCRETE COVER			
USE	CLEAR COVER		
BEAMS, JOISTS AND COLUMNS	1-1/2" (TO STIRRUPS OR TIES)		
SLABS	3/4"		
PARKING SLABS AND EXPOSED SLABS	1-1/2" (TOP), 1" (BOTTOM)		
WALLS: INTERIOR FACES	3/4"		
	1-1/2" (#5 AND SMALLER)		
EXPOSED TO EARTH OR WEATHER	2" (#6 AND LARGER)		
CONCRETE CAST AGAINST AND EXPOSED TO EARTH 3"			

CONCRETE WALL REINFORCING: CONCRETE WALL REINFORCEMENT TO BE AS FOLLOWS, U.N.O.:

CONCRETE WALL REINFORCING						
WALL THICKNESS	WALL THICKNESS HORIZONTAL BARS VERTICAL BARS LOCATION					
6"	#4 @ 12" o.c.	#4 @ 12" o.c.	AT CL OF WALL			
8"	#4 @ 10" o.c.	#4 @ 10" o.c.	AT CL OF WALL			
10"	#4 @ 16" o.c.	#4 @ 16" o.c.	AT EACH FACE			
12"	#4 @ 12" o.c.	#4 @ 12" o.c.	AT EACH FACE			

CONCRETE REINFORCING DETAILS:

CONTINUE HORIZONTAL WALL BARS THROUGH PILASTERS, COLUMNS AND INTERSECTING WALLS. AT SLAB AND WALL OPENINGS PROVIDE A MINIMUM OF TWO #5 BARS OVER, UNDER AND AT THE SIDES OF THE OPENINGS. EXTEND THESE BARS LAP DISTANCE OR A MINIMUM OF 2'-0" PAST THE OPENING. PROVIDE ONE #5 FOR SINGLE-LAYER REINFORCING AND TWO #5 FOR DOUBLE-LAYER REINFORCING, 4'-0" LONG, DIAGONALLY AT EACH CORNER OF ALL OPENINGS. REFER TO TYPICAL DETAILS FOR DISPOSITION OF CORNER BARS AND BARS IN SMALL WALL SECTIONS. SLAB BARS SHALL BE HOOKED INTO WALLS, OR HOOKED DOWELS SHALL BE PROVIDED TO MATCH SLAB REINFORCING. PROVIDE TWO #4, 4'-0" LONG DIAGONALLY AT EACH RE-ENTRANT CORNER IN SLABS. PROVIDE HOOKED DOWELS FROM FOOTINGS TO MATCH VERTICAL WALL REINFORCING, UNLESS NOTED OTHERWISE. SHOP DRAWINGS SHALL INCLUDE ALL SPECIAL REINFORCEMENT LISTED ABOVE.

GENERAL STRUCTURAL NOTES CONT.

CONCRETE ACCESSORIES: HEADED SHEAR STUDS SHALL BE NELSON HEADED ANCHORS WITH FLUXED ENDS (ICC ESR-2856) OR APPROVED. DEFORMED BAR ANCHORS (DBA) SHALL BE NELSON, TYPE D2L (ICC ESR-2907), OR APPROVED. STUDS AND DBA SHALL BE AUTOMATICALLY END-WELDED WITH THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH

THEIR RECOMMENDATIONS.

POST-INSTALLED ANCHORS SHALL BE OF THE TYPE AND PRODUCT SPECIFIED ON THE DRAWINGS OR AS FOLLOWS:

POST INSTALLED CONCRETE ANCHORS				
TYPE	APPROVED ANCHORS			
EXPANSION	HILTI KWIK BOLT TZ (ICC ESR-1917)			
CONCRETE SCREW	HILTI KWIK HUS-EZ (ICC ESR-3027)			
EPOXY ADHESIVE	HILTI HIT-HY 200 (ICC ESR-3187)			

ALL ANCHORS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND PRODUCT EVALUATION REPORTS. EMBEDMENTS SPECIFIED ON DRAWINGS ARE "EFFECTIVE" EMBEDMENTS. REFERENCE MANUFACTURER LITERATURE FOR CORRESPONDING ACTUAL EMBEDMENT DEPTHS.

REQUESTS FOR ANCHOR SUBSTITUTIONS SHALL BE SUBMITTED TO THE EOR IN WRITING ALONG WITH EVIDENCE OF EQUAL OR GREATER CAPACITY TO THE SPECIFIED CONNECTION. DO NOT CUT REINFORCING IN NEW OR **EXISTING CONCRETE DURING INSTALLATION.**

INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER AS CERTIFIED THROUGH ACI/CRSI AND IN ACCORDANCE WITH ACI 318-11 SECTION D.9.2.2. PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE EOR PRIOR TO INSTALLATION.

ANCHORS EXPOSED TO EARTH OR WEATHER SHALL BE PROTECTED FROM CORROSION BY HOT-DIP GALVANIZING OR USE OF STAINLESS STEEL. PERMANENTLY EXPOSED EMBEDDED PLATES AND ANGLES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION, UNLESS NOTED OTHERWISE.

NO LOADS OR WELDS SHALL BE PLACED ON EMBEDDED PLATES OR ANGLES FOR A MINIMUM OF 7 DAYS AFTER CASTING. IN ACCORDANCE WITH ACI 318-11 SECTION D.2.2 ADHESIVE ANCHORS SHALL NOT BE INSTALLED FOR A MINIMUM OF 21 DAYS AFTER CASTING.

STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL BE:

STRUCTURAL STEEL			
MATERIAL GRADE	SHAPE		
ASTM A992, GRADE 50	WIDE FLANGE SHAPES		
ASTM A572, GRADE 50 PLATES WHERE NOTED			
ASTM A36	CHANNELS, PLATES AND ANGLES, EXCEPT AS NOTED		
ASTM A500, GRADE C (FY=50KSI)	HOLLOW STRUCTURAL SECTIONS (TUBES)		
ASTM A53. GRADE B (FY=35 KSI) PIPES			

DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH THE "AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" WITH "COMMENTARY" AND THE "CODE OF STANDARD PRACTICE", WITH EXCEPTIONS NOTED IN SPECIFICATIONS. REFERENCE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR MEMBERS PART OF THE SEISMIC FORCE RESISTING SYSTEM (SFRS).

BOLTS SHALL CONFORM TO THE ASTM AND RCSC SPECIFICATIONS FOR JOINTS USING A325 OR A490 HIGH STRENGTH BOLTS. BOLTS SHALL BE SNUG-TIGHT UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS USED AS PART OF THE SEISMIC FORCE RESISTING SYSTEM (SFRS) NOTED ON THE DRAWINGS AND DETAILS SHALL BE FULLY TENSIONED AND ALL FAYING SURFACES SHALL BE PREPARED AS REQUIRED FOR CLASS A OR BETTER SLIP-CRITICAL JOINTS.

WELDING SHALL CONFORM TO THE AWS CODES FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH A WELDED PROCEDURE SPECIFICATION (WPS) AS REQUIRED IN AWS D1.1 AND APPROVED BY THE STRUCTURAL ENGINEER. THE WPS VARIABLES SHALL BE WITHIN THE PARAMETERS ESTABLISHED BY THE FILLER-METAL MANUFACTURER. FOR MEMBERS INCLUDED IN THE SEISMIC FORCE RESISTING SYSTEM (SFRS), REQUIREMENTS OF AWS D1.8 (SEISMIC SUPPLEMENT) SHALL APPLY

ALL WELDS USED IN MEMBERS AND CONNECTIONS THAT ARE PART OF THE SEISMIC FORCE RESISTING SYSTEM (SFRS) SHALL BE MADE WITH A FILLER METAL THAT HAS A MINIMUM CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LBS AT 0 DEGREES F, AS DETERMINED BY AWS CLASSIFICATION OR MANUFACTURER CERTIFICATION. ALL COMPLETE JOINT PENETRATION WELDS DESIGNATED AS DEMAND CRITICAL SHALL BE MADE WITH FILLER METAL THAT HAS A MINIMUM CVN TOUGHNESS OF 20 FT-LBS AT MINUS 20 DEGREES F, AND 40 FT-LBS AT 70 DEGREES F. FOR COMPLETE JOINT PENETRATION WELDS ASSOCIATED WITH MEMBER SPLICES AND CONNECTIONS NOT PART OF THE SFRS, WELDS SHALL BE MADE WITH FILLER METAL THAT HAS A MINIMUM CVN TOUGHNESS OF 20 FT-LBS AT 40 DEGREES F.

FOR MEMBERS AND CONNECTIONS THAT ARE PART OF THE SEISMIC FORCE RESISTING SYSTEM, DISCONTINUITIES CREATED BY ERRORS OR BY FABRICATION OR ERECTION OPERATIONS, SUCH AS TACK WELDS, ERECTION AIDS, AIR-ARC GOUGING, AND FLAME CUTTING, SHALL BE REPAIRED AS REQUIRED BY THE STRUCTURAL ENGINEER.

WELDS SHALL BE MADE USING E70XX ELECTRODES AND SHALL BE 3/16" MINIMUM, UNLESS OTHERWISE NOTED. WELDING SHALL BE BY AWS CERTIFIED WELDERS.

PROVIDE WEEP HOLES AT EXTERIOR CLOSED SECTIONS WHERE MOISTURE MAY ACCUMULATE.

STEEL DECK:

STEEL FLOOR DECK SHALL BE A COMPOSITE TYPE WITH RIBS AT 12" o.c. OF THE SIZE AND GAUGE INDICATED ON THE PLANS. STEEL FLOOR DECK SHALL BE VENTED AS REQUIRED BY THE DECK MANUFACTURER BASED ON THE FLOOR COVERING OR COATING BEING USED. STEEL ROOF DECK SHALL BE 1-1/2" TYPE B OR 3" TYPE N OF THE GAUGE SHOWN ON THE PLANS. STEEL DECK SHALL CONFORM TO ASTM A653 DESIGNATION SS, GRADE 50 (Fy = 50 KSI). THE GALVANIZED COATING SHALL CONFORM TO ASTM A653, G 60 (G90 WHERE LEFT PERMANENTLY EXPOSED TO WEATHER).

MINIMUM DECK GAUGES ARE SHOWN ON PLANS AND ARE BASED ON 3-SPAN, UN-SHORED CONDITIONS. FOR OTHER SPAN CONDITIONS, DECK MANUFACTURER SHALL EVALUATE AND INDICATE SHORING AS REQUIRED. MINIMUM PROPERTIES SHALL BE AS FOLLOWS:

FLOOR DECK PROPERTIES						
DECK TYPE & GAUGE I (IN^4/FT) +S (IN^3/FT) -S (IN^3/FT)						
W3 - 20 GAUGE 0.907 0.510 0.528						

ROOF DECK PROPERTIES					
DECK TYPE & GAUGE	l (IN^4/FT)	+S (IN^3/FT)	-S (IN^3/FT)		
B - 20 GAUGE	0.219	0.230	0.237		
B - 20 GAUGE ACCOUSTICAL CELLULAR	0.416	0.279	0.382		

WELDED OR MECHANICAL DECK CONNECTIONS SHALL BE PROVIDED AT ALL SUPPORTS AND SIDELAPS AS INDICATED ON THE PLANS. DECK DESIGN IS BASED ON VERCO IN ACCORDANCE WITH IAPMO ES EVALUATION REPORT ER-0217. EQUAL PRODUCT(S) MAY BE SUBMITTED FOR REVIEW AND APPROVAL BY EOR.

DO NOT HANG OR SUSPEND STRUCTURAL ITEMS DIRECTLY FROM ROOF DECK. NON-STRUCTURAL ITEMS SUSPENDED FROM THE DECK SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

STEEL FRAMING DEFLECTION DURING CONCRETE OVER METAL DECK PLACEMENT:

METAL DECK, BEAMS, AND GIRDERS WILL DEFLECT DURING PLACEMENT OF CONCRETE. CONTRACTOR SHALL ACCOUNT FOR THIS DISPLACEMENT BY PROVIDING ADDITIONAL CONCRETE AT CENTER OF SPANS. THE INTENT IS TO CONSTRUCT LEVEL FLOORS WITHIN EACH BAY, OR STRAIGHT SLOPES ON ROOF BAYS, AND TO PROVIDE THE MINIMUM THICKNESS OF CONCRETE OVER METAL DECK THAT IS CALLED FOR PLANS.



