

TACOMA
3825 S WARNER ST
TACOMA, WA 98409
VMF NGDV-EV UPGRADE

USPS FACILITIES R&A TEAM
 475 L'ENFANT PLAZA SW
 WASHINGTON DC, 20260-0004

FINANCE NUMBER:
 PROJECT NUMBER:
 DATE:

548330-005
 E10234
 Jan 26, 2024

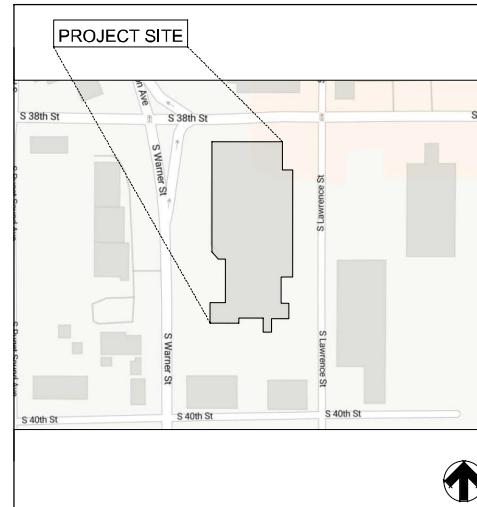
90% DESIGN SUBMITTAL



VICINITY MAP

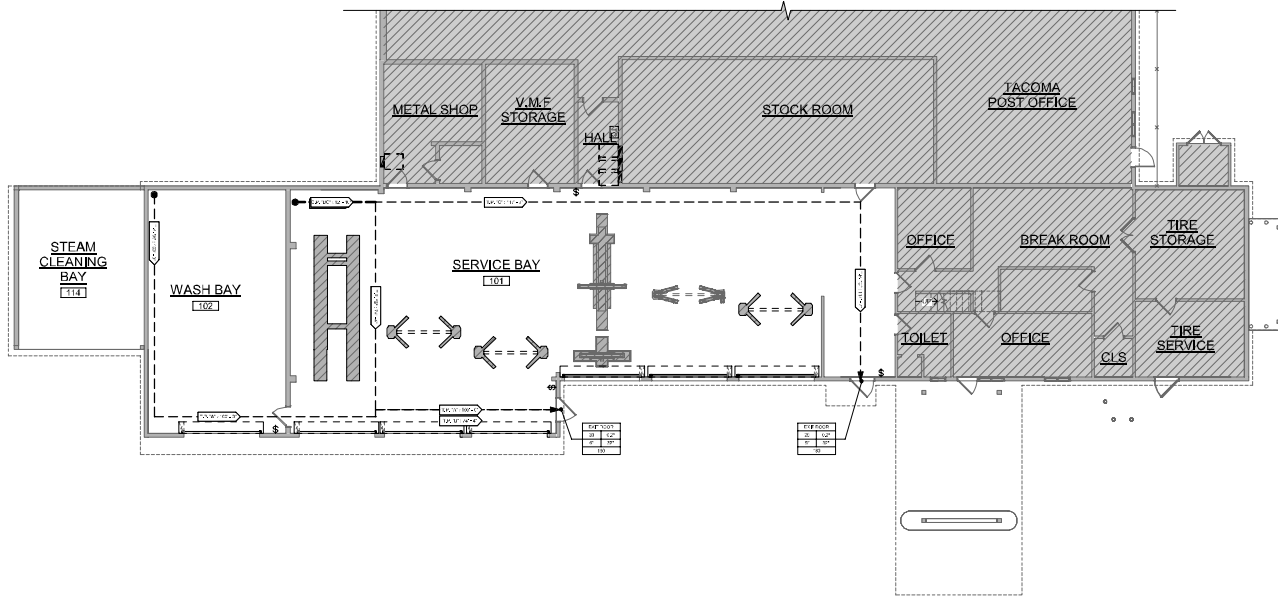


LOCATION MAP



DATE & TIME: 1/26/2024 11:03:29 AM

1 FIRST FLOOR LIFE SAFETY PLAN
 G003 SCALE: 1/8" = 1'-0"



GENERAL NOTES
 REFER TO G.002 FOR GENERAL NOTES

LEGEND

- NOT IN SCOPE
- COMMON PATH OF TRAVEL
- EXIT ACCESS PATH OF TRAVEL

EXIT IDENTIFICATION SYMBOL

EXIT
 GUARDRAIL OR OTHER OBSTACLE
 HAZARDOUS CONDITION
 CYCLE OR CONVEYER
 HAZARDOUS CONDITION
 GUARDRAIL OR OTHER OBSTACLE
 HAZARDOUS CONDITION
 CYCLE OR CONVEYER

EGRESS TRAVEL PATH & DISTANCE SYMBOL

EXIT
 PATHWAY
 DISTANCE TO EXIT
 DISTANCE TO EXIT
 DISTANCE TO EXIT
 DISTANCE TO EXIT

PLAN NORTH

0' 4' 8' 16'
 1/8" = 1'-0"

EGRESS ANALYSIS
 (CONTINUED FROM AREA OF WORK)

ROOM NUMBER	NO. OF OCCUPANTS	EGRESS ROUTE	EGRESS DISTANCE TO EXIT	EGRESS TIME TO EXIT	EGRESS DISTANCE TO EXIT	EGRESS TIME TO EXIT	EGRESS DISTANCE TO EXIT	EGRESS TIME TO EXIT
01	10	STAIR	10'	1.00	10'	1.00	10'	1.00
02	10	STAIR	10'	1.00	10'	1.00	10'	1.00
03	10	STAIR	10'	1.00	10'	1.00	10'	1.00
04	10	STAIR	10'	1.00	10'	1.00	10'	1.00
05	10	STAIR	10'	1.00	10'	1.00	10'	1.00
06	10	STAIR	10'	1.00	10'	1.00	10'	1.00
07	10	STAIR	10'	1.00	10'	1.00	10'	1.00
08	10	STAIR	10'	1.00	10'	1.00	10'	1.00
09	10	STAIR	10'	1.00	10'	1.00	10'	1.00
10	10	STAIR	10'	1.00	10'	1.00	10'	1.00

GENERAL NOTES

- 1. THE CONTRACTOR SHALL FURNISH STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS...
2. DESIGN INFORMATION...
3. ALL WORK SPECIFIED...
4. THESE CONTRACT DRAWINGS SHALL BE AVAILABLE ON SITE...

DEMOLITION NOTES

- 1. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY DEMOLITION PROCESS...
2. DEMOLITION INCLUDES THE FOLLOWING...
3. REMOVE AND LEGALLY DISPOSE OF ITEMS CALLED OUT TO BE REMOVED...
4. PROTECT EXISTING UTILITIES TO REMAIN AGAINST DAMAGE AND SOILING...
5. CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION PROJECT MANAGER...
6. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK WITH STARTING AND ENDING DATES...
7. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE...
8. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP ALL INDICATED UTILITY SERVICES...
9. CONTRACT DEMOLITION OPERATIONS TO PREVENT INJURY TO PERSONS AND DAMAGE TO ADJACENT BUILDINGS...
10. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, OIL, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS...
11. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS...
12. IF NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED...
13. FILING BELOW-GROUND AREAS COMPRISED BY BELT-BELOW-GROUND AREAS AND VIBES RESULTING FROM DEMOLITION OF PAVEMENTS...
14. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALLS, AND OTHER ADJACENT OCCUPANCY OR USE...

GENERAL PLAN AND SURVEY NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED...
2. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SECTION OF THESE NOTES ENTITLED 'GRADING PLAN NOTES'...
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REGULATIONS AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITY...
4. ALL WORK WITHIN THE BOUNDS OF WHAT SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS...
5. CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE OWNERS REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION...
6. ALL WORK SHALL BE COMPLETED IN A NEAT AND ORDERLY MANNER...
7. THE PROJECT CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE A CONTRACTUAL RELATIONSHIP...
8. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR SAFETY...
9. DETAILS, NOTES AND OTHER REFERENCES...
10. CONDUCT CONSTRUCTION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALLS, OR OTHER ADJACENT OCCUPANCY...
11. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE BASED ON THE CENTER PROVIDED...
12. ALL DIMENSIONS, GRADES, AND UTILITIES LOCATIONS SHOWN ON THESE PLANS WERE BASED ON OWNERS PROVIDED DATA...
13. THE CONTRACTOR SHALL VERIFY ALL LOCATING CONDITIONS PRIOR TO CONSTRUCTION...
14. ALL EXTERIOR CONCRETE CURBS SHALL HAVE JOINTS PER AC308...
15. ALL UTILITY BENCHMANS AND OTHER REFERENCE POINTS...
16. HOIST DEPTH OF SITE AREAS 30'...

CONCRETE NOTES AND SPECIFICATIONS

- 1. ALL EXTERIOR CONCRETE CURBS SHALL BE A MINIMUM OF 18" HIGH...
2. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, OIL, AND DEBRIS...
3. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS...
4. IF NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED...
5. ALL EXTERIOR CONCRETE CURBS SHALL HAVE JOINTS PER AC308...
6. ALL CONCRETE PANELS SHALL BE SQUARE WITH A LENGTH TO WIDTH RATIO NO GREATER THAN 1.5 TO 1...
7. ALL JOINTS INCLUDING SPAN JOINTS SHALL BE SEALED WITH A SEALING MATERIAL...
8. CONCRETE SHALL BE LOW-SHrinkAGE WELL-GRADED PER ASTM C93 AND THE LOCAL DOT SPECIFICATIONS...
9. CONTRACTOR SHALL HAVE A MINIMUM OF 10 YEARS EXPERIENCE WITH SUCCESSFUL PLACEMENT OF CONCRETE UTILITIES...

GENERAL UTILITY NOTES

- 1. CONTRACTOR SHALL VERIFY THE LOCATION, INVERT, ELEVATION, AND CONDITION OF EXISTING UTILITIES...
2. CONTRACTOR SHALL VERIFY THE SITE LOCATION, INVERT, ELEVATION, AND CONDITION OF EXISTING UTILITIES...
3. WHERE PLANS PROVIDED FOR PROPOSED WORK TO BE CONNECTED TO, OR CROSS OVER AN EXISTING SERVICE...
4. UTILITY SERVICE PROVIDER RULES AND REQUIREMENTS TAKE PRECEDENCE OVER INFORMATION HEREIN...

GRADING PLAN NOTES

- 1. AT A MINIMUM, ALL TEST AREAS SHALL BE COMPACTED TO 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY PER ASTM TEST DATA...

DUST CONTROL NOTES

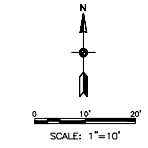
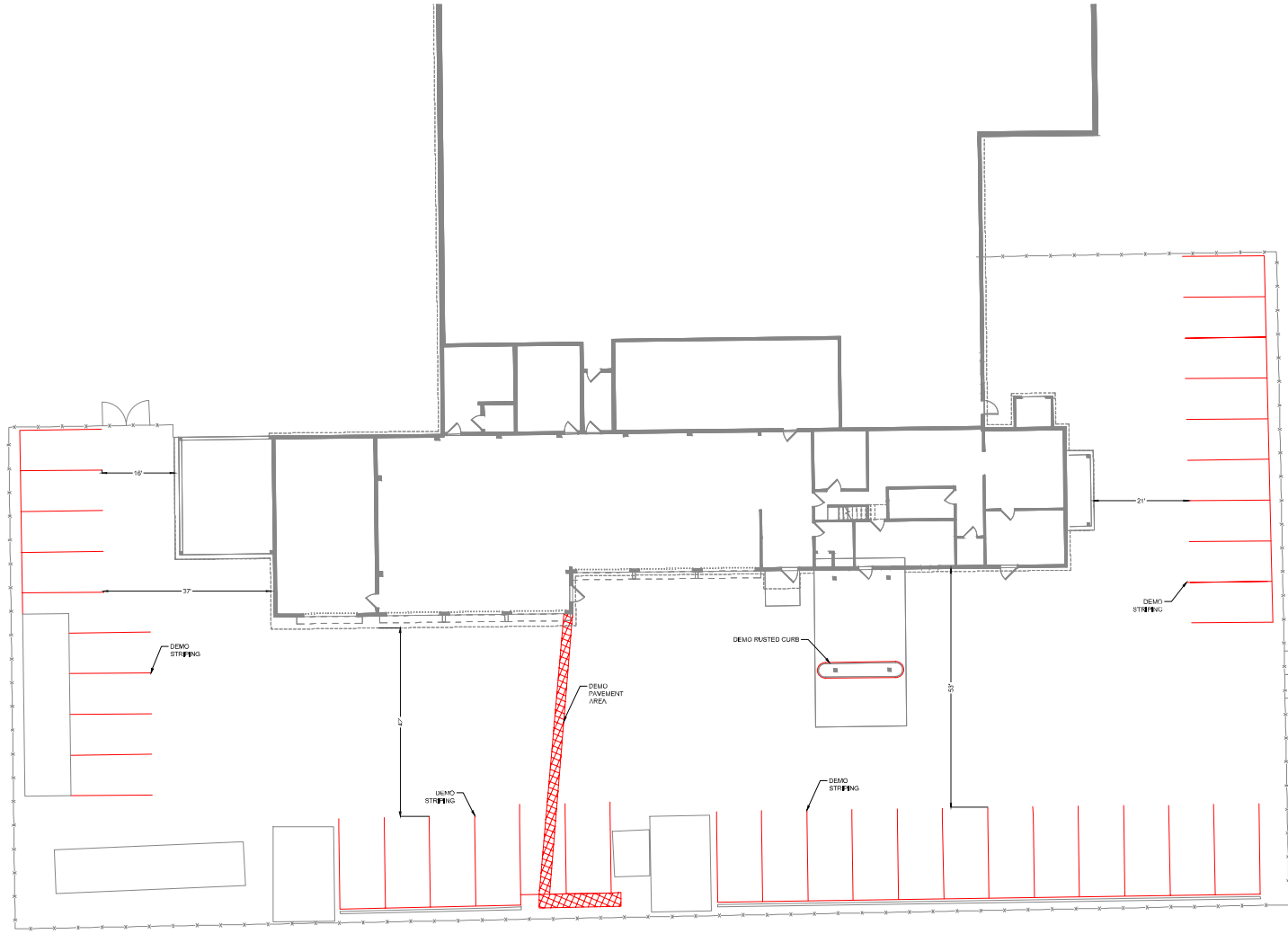
- 1. DUST CONTROL SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION...
2. DUST CONTROL BY LOCAL JURISDICTIONS...
3. SUGGESTED METHODS OF CONSTRUCTION DUST CONTROL...
4. ALL DIMENSIONS, GRADES, AND UTILITIES LOCATIONS SHOWN ON THESE PLANS...
5. CONCRETE SHALL BE LOW-SHrinkAGE WELL-GRADED PER ASTM C93 AND THE LOCAL DOT SPECIFICATIONS...
6. HOIST DEPTH OF SITE AREAS 30'...

SPILLS AND CONTAMINATION



- 1. CONTRACTOR SHALL IDENTIFY AND ISOLATE SUBCONTRACTORS WHO MAY USE OR HANDLE HAZARDOUS OR TOXIC MATERIALS...
2. REMOVE LIQUIDS FROM EMPTY BOTTLES AND CANS...
3. DO NOT POUR WATERS, STORM DRAINS OR INTO THE GROUND...
4. AMV USE PRODUCTS...
5. AMV USE PRODUCTS...
6. AMV USE PRODUCTS...
7. AMV USE PRODUCTS...
8. AMV USE PRODUCTS...
9. AMV USE PRODUCTS...
10. CONTAMINATED SOILS...
11. CONTRACTOR SHALL TAKE PREVENTIVE MEASURES FOR WATER DECHARGES FROM CONSTRUCTION SITES...
12. PLUMBING RUNOFF INTO A SANITARY SEWER...
13. COVERING AREAS OF COMPACTION WITH TYPERS OR OTHER METHODS...

SHEET INDEX table with columns: SHEET NUMBER, SHEET NAME, and corresponding sheet numbers.

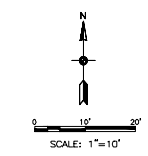
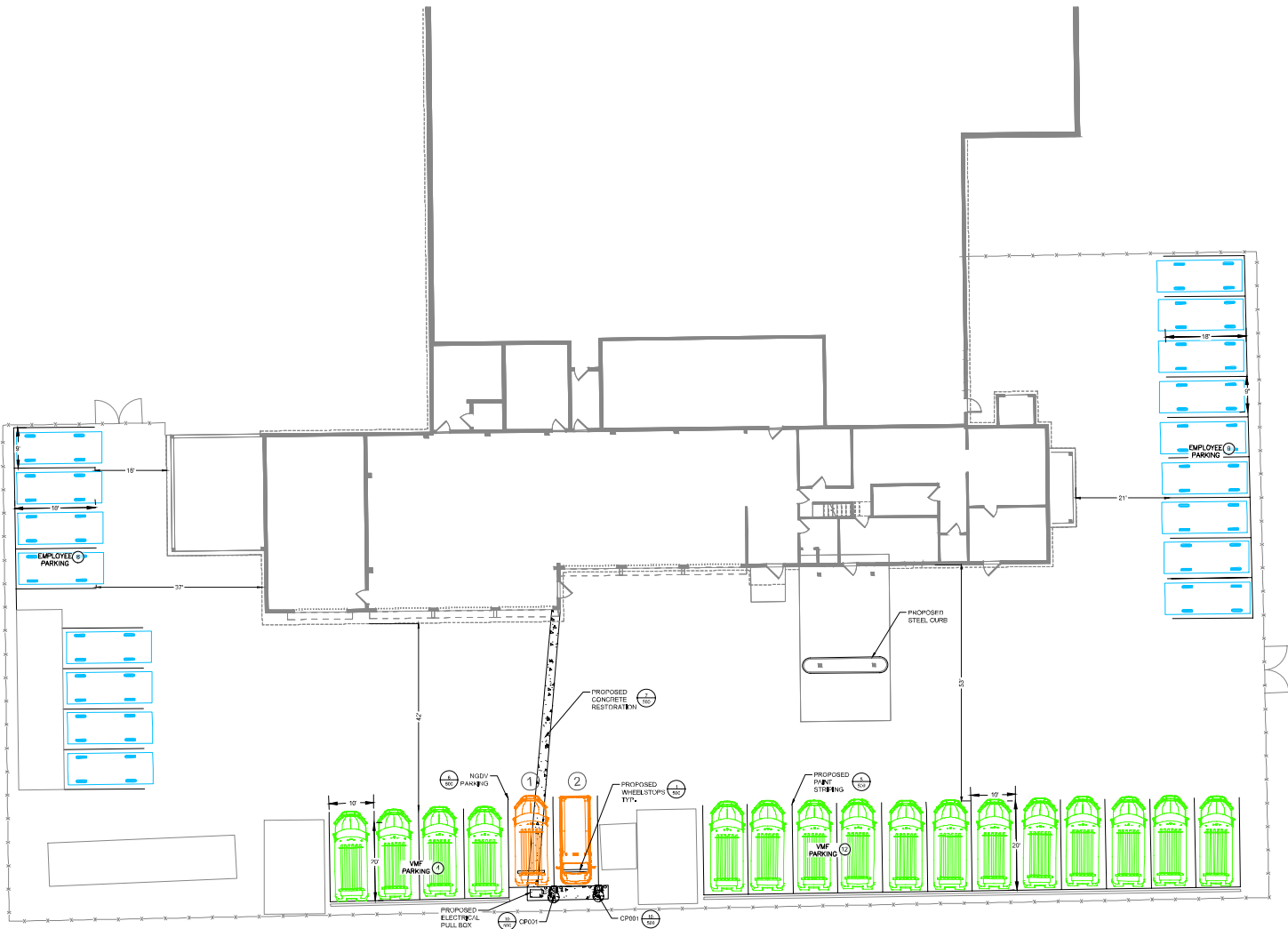
Vertical banner for KORE, wsp, UNITED STATES POSTAL SERVICE, and 90% DESIGN SUBMITTAL.



LEGEND

	EXISTING GRASS AREA
	EXISTING BUILDING
	EXISTING FENCE
	EXISTING POINT STRIPING
	EXISTING GATE
	DEMO STRIPING
	DEMO PAVEMENT

- NOTES:**
- NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT AND BOUNDARY LINES ARE DERIVED ON THIS DATABASE.
 - A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. ANY RISKS SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION, DRILLING, OR STORE AND SERVICE CONNECTIONS. THESE EXCLOURED FROM THE SCOPE OF SERVICE AND ARE NOT SHOWN HEREON.
 - COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTACT US TO LIST AVAILABLE BEARINGS AND COORDINATES SHOWN HEREON IF ANY. ARE BASED ON THE WORKING ON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983.
 - ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NVD 88) (GEOID 12EL).
 - FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION. BEARINGS TO BE COORDINATED WITH OWNER AND ENGINEER.
 - CONTRACTOR TO REPAIR ALL REPAIRABLE CRACKS ALONG EXISTING CONCRETE.
 - CONTRACTOR TO REPAIR ALL EXISTING ROLLERS ON SITE.



LEGEND

- EXISTING GRASS AREA
- EXISTING BUILDING
- EXISTING PAINT STRIPING
- EXISTING FENCE
- EXISTING GATE
- PROPOSED PAINT STRIPING
- PROPOSED PAVEMENT RESTORATION
- VMF PARKING
- EMPLOYEE PARKING
- VMF CHARGER PARKING

NOTES:

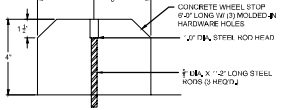
1. NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT AND BOUNDARY LINES ARE DERIVED ON THIS DATABASE.
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3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO ESTABLISH BEARING AND COORDINATES SHOWN HEREON IF ANY. ARE BASED ON THE WORKING STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983.
4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NVD 88) (GEOID 128L).
5. FINAL LOCATIONS TO BE FIELD VERIFIED PRIOR TO FINAL INSTALLATION IN ACCORDANCE WITH OWNER AND ENGINEER.
6. CONTRACTOR TO REPAIR ALL SEEBABLE CRACKS ALONG EXISTING CONCRETE.
7. CONTRACTOR TO REPAIR ALL EXISTING ROLL-OVERS ON SITE.

PARKING SPACES

PARKING TYPE	PROVIDED	KIT No.
EMPLOYEE PARKING	17	
VMF PARKING	16	
VMF CHARGING PARKING	2	CP001

DIMENSION SUMMARY TABLE		
VEHICLE TYPE	PARKING ORIENTATION	
REVERSE INCH SPACES	4'-4"	2'-4"
SEV COSTS SPACES	3'-4"	2'-4"
EMPLOYEE/RETAIL	3'-4"	3'-4"

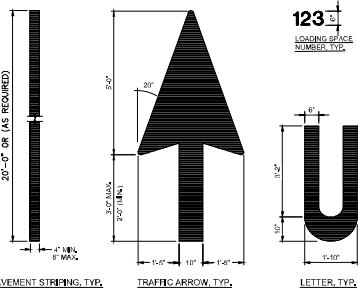
REFER TO DIMENSION TABLE FOR LETTERS
DIMENSION REFERS TO ANY VERTICAL OBSTRUCTION
OR THE EDGE OF TRANSVERSE STRIPING



- NOTES:**
- SEE SITE PLAN FOR LOCATION AND QUANTITY OF WHEEL STOPS.
 - SEE SITE PLAN AND THE PARKING DIMENSIONS FOR THE CURVE PARKING ORIENTATIONS AS DESCRIBED IN THE DIMENSION TABLE ABOVE.
 - WHEN APPLICABLE TO CONCRETE PAVEMENTS, WHEEL STOPS SHALL BE ANCHORED TO CONCRETE WITH 1/4" x 1/2" DROP-IN ANCHORS, 1" EMBEDMENT W/ 1/4" THREADED ROD, WHEEL STOP MATERIAL AND INSTALLATION SHALL BE PER BARGO PRODUCTS STANDARDS AND SPECIFICATIONS OR APPROVED EQUIVALENT.

1 CONCRETE WHEEL STOP

NTS

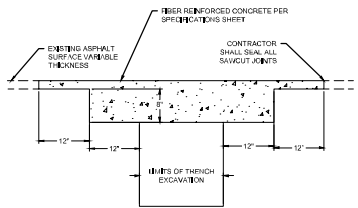


PAVEMENT STRIPING, TYP. TRAFFIC ARROW, TYP. LETTER, TYP.

- NOTE:**
- USE NON-REFLECTIVE WHITE PAINT FOR STRIPES, USE YELLOW PAINT ON CONCRETE OR OTHER SURFACES WHERE WHITE PAINT DOES NOT PROVIDE SUFFICIENT CONTRAST.

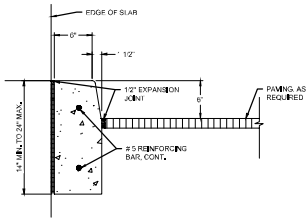
5 PAVEMENT MARKINGS

NTS



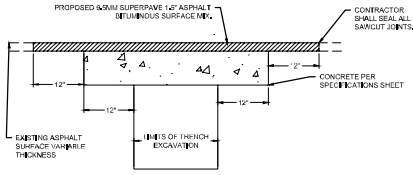
7 CONCRETE RESTORATION SECTION

NTS



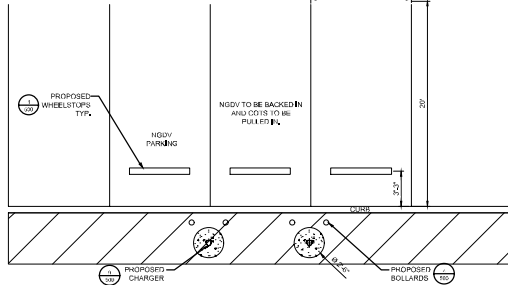
8 CURBS

NTS



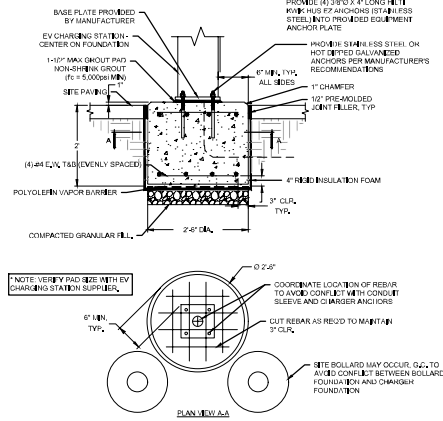
2 PAVEMENT RESTORATION SECTION

NTS



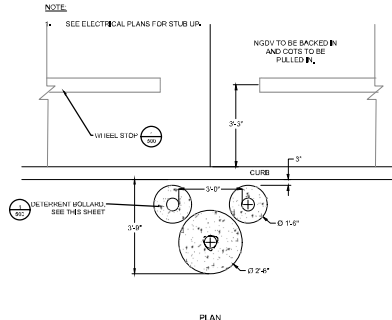
6 STANDARD NGDV PARKING DETAIL

NTS



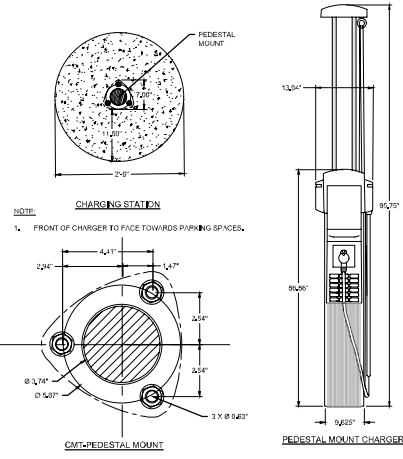
9 CHARGING STATION FOUNDATION DETAIL

NTS



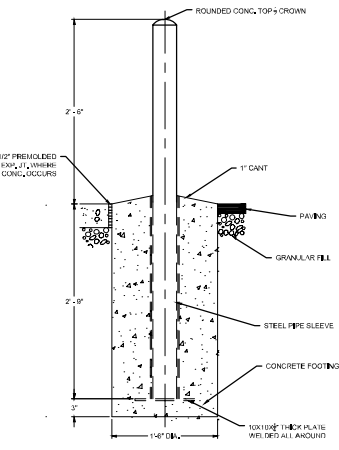
3 EV CHARGING STATION BOLLARD PROTECTION

NTS



10 CHARGING STATION DETAIL

NTS



4 TYP. SITE PIPE BOLLARD

NTS

- NOTES:**
- CONTRACTOR SHALL UTILIZE GALVANIZED COATED OR FULLY PAINT STEEL PIPE WITH AN EXTERIOR FINISH TO MATCH THE PAVEMENT SURFACE. TOUCH UP AFTER INSTALLATION SUCH AS SCRUBbing OR BURNING UNDESIRABLE FINISHES (OR REPAIRS) IF ACCORDANCE WITH MANUFACTURERS PREPARATION REQUIREMENTS, PROVIDE A YELLOW (BLUE FOR ADA) BOLLARD COVER SUCH AS A STREET SMART SOLUTIONS POST GUARD, CONTOUR-TOP COVER BY US-POSTMAN.COM OR APPROVED EQUAL DETERRENT BOLLARD.
 - BOLLARD PROTECTION MAY NOT BE REQUIRED AT ALL FACILITIES, DETAIL IS DEPENDENT ON SITE CONDITIONS AND FINAL LAYOUT AT THE FACILITY.
 - INCREASE DEPTH OF EXTERIOR BOLLARDS AS REQUIRED BY LOCAL Frosting.

ROOM FINISH SCHEDULE- 1ST FLOOR																
NO.	ROOM NAME	FLOOR MATERIAL	FLOOR FINISH	WALLS				CEILING				REMARKS				
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH					
101	BRIDGE BAY	CONC.	EPOXY	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	
102	WASH BAY	CONC.	EPOXY	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	EPOXY CONC.	P-1	

LIFT SCHEDULE						
SERVILE BAY NUMBER	EXISTING LIFT		NEW LIFT		REMARKS	
	LIFT TYPE	CAPACITY	LIFT NUMBER	CAPACITY		

ROOM FINISH GENERAL NOTES

- REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

ROOM FINISH SCHEDULE REMARKS

- PRESSURE CLEANING AND EXISTING FLOOR AND WALL SURFACE, PATCH & REPAIR CHIPPED & CRACKED SURFACE. PREP FLOOR TO RECEIVE FLOOR FINISH AS REQUIRED PER MANUFACTURER.

DOOR SCHEDULE REMARKS

- CONTRACTOR TO FIELD VERIFY EXISTING OPENING DIMENSIONS.
- REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
- CONTRACTOR TO FIELD VERIFY SURROUNDING AREAS OF DOOR OPENING. RETROFIT/RELOCATE EXISTING UTILITIES/DEVICE ASSEMBLIES AS REQUIRED FOR PROPER INSTALLATION & OPERATION OF NEW DOOR.
- PAINT BOTH SIDES AND EDGES OF ALL EXISTING HOLLOW METAL DOORS WITH #6 PER USFS STANDARDS.

LIFT SCHEDULE REMARKS

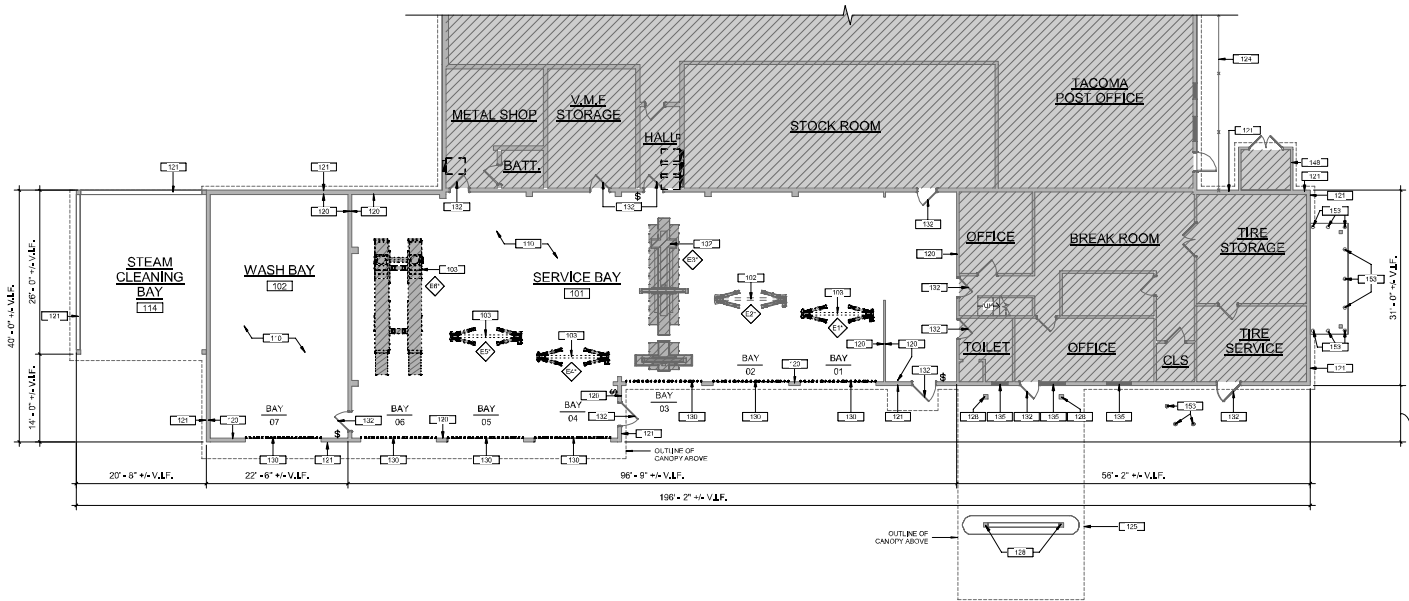
- REFER TO SPECIFICATION FOR LIFT MODEL INFORMATION.
- REFER TO SHEET A000 FOR LIFT DETAILS.

REFINISHED DOOR SCHEDULE					
NO.	DOOR		FRAME		REMARKS
	MATERIAL	FINISH	MATERIAL	FINISH	
101	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
102	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
103	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
104	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
105	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
106	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
107	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
108	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
109	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
110	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4
111	EXBL	P-6	EXBL	P-6	1, 2, 3, & 4

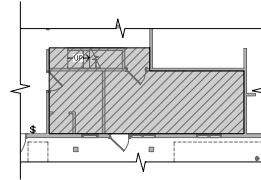
NEW OVERHEAD DOOR SCHEDULE									
NO.	SIZE			TYPE	DOOR		FRAME		REMARKS
	WIDTH	HEIGHT	THICKNESS		MATERIAL	FINISH	MATERIAL	FINISH	
N101	12'-0"	12'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3
N102	12'-0"	12'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3
N103	12'-0"	12'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3
N104	12'-0"	14'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3
N105	12'-0"	14'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3
N106	12'-0"	14'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3
N107	12'-0"	14'-0"	3/4"	COILING	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	STL	FACTORY FINISHED & FIELD PAINTED TO MATCH EXBL	1, 2, & 3

90% DESIGN SUBMITTAL
 SCHEDULES
 DATE: JAN 26, 2024
 PROJECT: TACOMA
 SHEET NUMBER: E1024
 TACOMA
 3825 S WARNER ST
 TACOMA, WA 98409
 UNITED STATES
 POSTAL SERVICE
 KORTE
 WSP USA INC.
 10010 BROADVIEW
 FT. COLLINS, CO 80526
 90% DESIGN SUBMITTAL, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

1 OVERALL FIRST FLOOR DEMOLITION PLAN
AD100 SCALE: 1/8" = 1'-0"



2 OVERALL MEZZANINE DEMOLITION PLAN
AD100 SCALE: 1/8" = 1'-0"



DEMO GENERAL NOTES

- ITEMS BELOW APPLY TO DASHED LINES AS INDICATED ON THE DEMOLITION PLAN UNLESS OTHERWISE NOTED.
- THE BUILDING AREAS ADJACENT TO THE AREA OF CONSTRUCTION WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION FOR THE SAFETY AND PROTECTION OF ALL PERSONS IN THE BUILDING UNDER CONSTRUCTION FOR THE DURATION OF THE PROJECT.
 - EXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT BE CONSTRUED AS "AS-SHOWN". THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
 - IN THE EVENT THAT QUESTIONABLE ENVIRONMENTAL MATERIALS ARE SUSPECTED OR IDENTIFIED BY THE CONTRACTOR, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO DETERMINE THE EXTENT OF MATERIAL AND THE COURSE OF ACTION.
 - ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ELEMENTS WITHIN THE AREA OF DEMOLITION THAT ARE TO BE REMOVED, SHALL BE CUT AND CAPPED AND MADE SAFE BY A SUBCONTRACTOR TRADESMAN APPROPRIATE TO THE SCOPE PRIOR TO DEMOLITION AND REMOVAL WORK OCCURRING BY THE DEMOLITION SUBCONTRACTOR.
 - ALL DASHED PARTITIONS, WALL FURRING, SURFACE APPLIED MATERIALS OR FINISHES (I.E. WALL COVERINGS, WOOD PANELING, ETC.) PIPE AND CHASE FURRING IN INTERIOR SPACES AND AT PERIMETER WALLS SHALL BE REMOVED FULL HEIGHT INCLUDING DOORS AND FRAMES, ETC. WITHIN THE PARTITIONS.
 - REMOVE ALL FLOOR AND BASE MATERIALS AND MASTIC, PREPARE FLOOR AND WALL SURFACES TO RECEIVE NEW FLOOR AND BASE FINISH MATERIALS.
 - EXCEPT AS NOTED, REMOVE ALL CEILING SYSTEMS, INCLUDING, BUT NOT LIMITED TO:
 - ACOUSTICAL CEILING AND GRID SYSTEMS (SUSPENDED OR OTHERWISE), INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS,
 - SUSPENDED GYPSUM AND / OR PLASTER CEILING, INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS,
 - CEILING SYSTEMS ABOVE FINISHED / EXPOSED CEILING,
 - GYPSUM BOARD AND / OR PLASTER SOFFITS, CEILING RETURNS AND / OR DRAPERY POCKETS, ETC.
 - REMOVE ALL CASEWORK, EQUIPMENT, & MISCELLANEOUS ITEMS, INCLUDING BUT NOT LIMITED TO:
 - SHELVING BRACKETS, STANDARDS, CABINETS, COUNTERTOPS, UNISTRUT SUPPORTS, AND WALL ATTACHMENTS, ETC. UNLESS NOTED OTHERWISE,
 - OWNER HAS FIRST RIGHT OF SALVAGE TO ANY MATERIALS OR EQUIPMENT REMOVED UNDER THIS CONTRACT. OWNER WILL NOTIFY CONTRACTOR AS TO WHERE DESIGNATED AREAS AVAILABLE FOR STORAGE OF SALVAGED ITEMS.
 - REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY OF LOAD/DEFLECTION RATIO.
 - OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT OPERATIONAL ELEMENTS AND SAFETY RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITY TO PERFORM IN A MANNER INTENDED OR RESULTING IN A DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.
 - VISUAL REQUIREMENTS: DO NOT CUT WORK WHICH IS EXPOSED ON THE EXTERIOR OR EXPOSED IN OCCUPIED SPACES OF THE BUILDING IN A MANNER RESULTING IN A REDUCTION OF VISUAL QUALITIES OR RESULTING IN SUBSTANTIAL EVIDENCE OF THE DEMOLITION WORK, AS JUDGED BY THE ARCHITECT TO BE CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER.
 - LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT UPON EXISTING STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOADS ATTRIBUTABLE TO MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OPERATIONS AND SHORING AND BRACING.
 - VIBRATION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD INDUCE VIBRATION INTO ANY ELEMENT OF THE STRUCTURE, WHICH WOULD PRODUCE ANY HAZARD UNLESS OTHERWISE APPROVED BY CONTRACTING OFFICER.
 - FIRE: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
 - WATER: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
 - AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE UNCONTROLLED DUST, FUMES, OR OTHER DAMAGING AIR POLLUTION.

KEYNOTES LEGEND- DEMO	
MARK	DESCRIPTION
102	EXISTING LIFT TO REMAIN, NOT IN CONTRACT (N.I.C.)
103	EXISTING LIFT TO BE REPLACED/INSTALLED BY OTHERS (N.I.C.) PATCH AND REPAIR FLOOR AS REQUIRED, CONTRACTOR TO VERIFY SEQUENCE OF CONSTRUCTION.
110	EXISTING FLOOR FINISH TO BE REMOVED, CLEAN AND PREP EXISTING CONCRETE SUBSTRATE FOR NEW FLOOR FINISH, PATCH AND REPAIR SURFACE AS REQUIRED, PRESSURE WASH/CLEAN EXISTING TRENCH DRAINS AND COVER PLATES AS REQUIRED, PREPARE EXISTING STRIPPED OCCUPATION AREAS TO RECEIVE NEW FINISH.
120	PREPARE INTERIOR WALL SURFACES AND ASSOCIATED EXISTING LOUVERS TO RECEIVE NEW FINISH, CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED, CONTRACTOR TO VERIFY LOUVER QUANTITY.
121	PRESSURE WASH EXTERIOR WALL SURFACES, PREPARE EXISTING LOUVERS TO RECEIVE NEW FINISH, CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED, CONTRACTOR TO VERIFY QUANTITY OF LOUVERS.
124	EXISTING FENCE TO REMAIN, N.I.C.
125	PRESSURE WASH/CLEAN EXISTING CANOPY, PATCH/REPAIR SURFACE AS REQUIRED.
126	EXISTING COLUMN TO BE PRESSURE WASH/CLEANED, PREPARE FOR NEW FINISH AS REQUIRED.
130	EXISTING OVERHEAD SECTIONAL DOOR AND ALL RELATED HARDWARE TO BE REMOVED, PREPARE OPENING AS REQUIRED TO RECEIVE NEW DOOR.
132	PREPARE EXISTING DOOR AND FRAME TO RECEIVE NEW FINISH, CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED, TYP.
135	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY, TYP.
148	PRESSURE WASH/CLEAN EXISTING STRUCTURE, PATCH/REPAIR SURFACE AS REQUIRED.
153	PREPARE EXISTING SKYLIGHT TO RECEIVE NEW FINISH, CLEAN, PREP, AND PATCH/REPAIR AS REQUIRED, TYP.

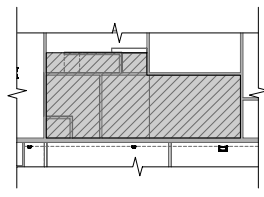
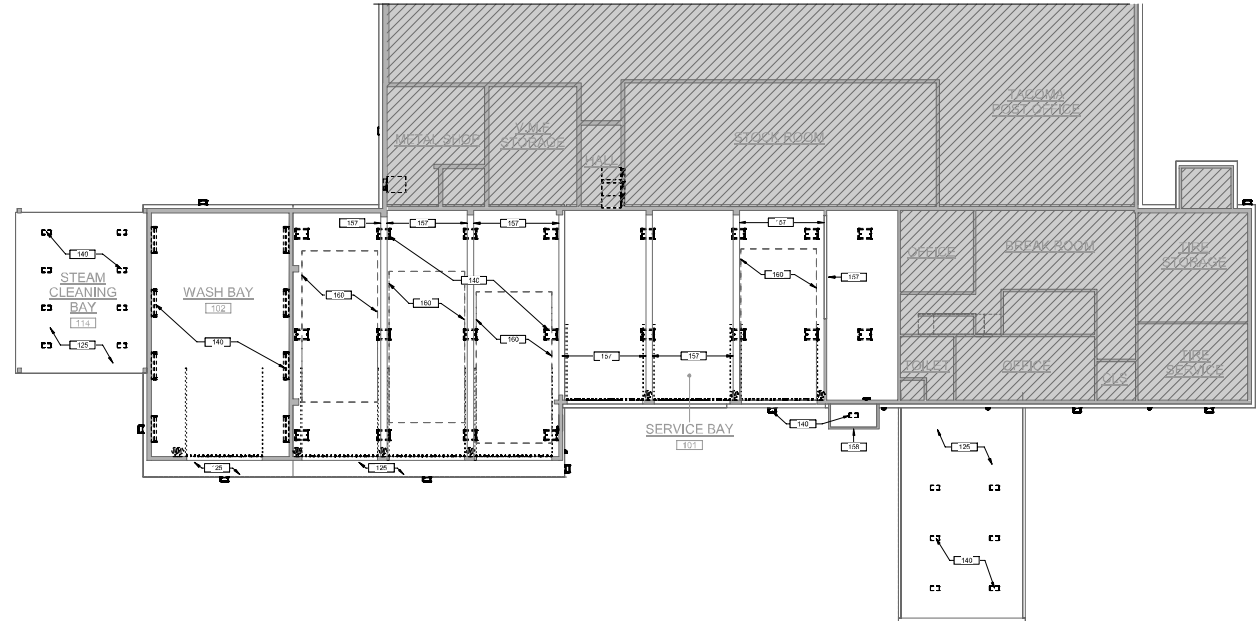
LEGEND

- NOT IN SCOPE
- INDICATES ELEMENTS TO BE DEMO'D, SEE KEYNOTES FOR DETAILS
- LIFT TAG
- INDICATES EXISTING LIFTS, INDICATES LIFTS NOT IN SCOPE



1 OVERALL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN
AD150 SCALE: 1/8" = 1'-0"

2 OVERALL MEZZANINE DEMOLITION REFLECTED CEILING PLAN
AD150 SCALE: 1/8" = 1'-0"



DEMO GENERAL NOTES

- ITEMS BELOW APPLY TO DASHED LINES AS INDICATED ON THE DEMOLITION PLAN UNLESS OTHERWISE NOTED.
- THE BUILDING AREAS ADJACENT TO THE AREA OF CONSTRUCTION WILL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION FOR THE SAFETY AND PROTECTION OF ALL PERSONS IN THE BUILDING UNDER CONSTRUCTION FOR THE DURATION OF THE PROJECT.
 - EXISTING CONDITIONS ARE BASED ON INFORMATION OBTAINED FROM EXISTING DRAWINGS AND FIELD SURVEY AND SHALL NOT BE CONSIDERED AS "AS-BUILT." THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
 - IN THE EVENT THAT QUESTIONABLE ENVIRONMENTAL MATERIALS ARE SUSPECTED OR IDENTIFIED BY THE CONTRACTOR, THE OWNERS REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY TO DETERMINE THE EXTENT OF MATERIAL AND THE COURSE OF ACTION.
 - ALL MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION ELEMENTS WITHIN THE AREA OF DEMOLITION THAT ARE TO BE REMOVED, SHALL BE CUT AND CAPPED AND MADE SAFE BY A SUBCONTRACTOR TRADESMAN APPROPRIATE TO THE SCOPE PRIOR TO DEMOLITION AND REMOVAL WORK OCCURRING BY THE DEMOLITION SUBCONTRACTOR.
 - ALL DASHED PARTITIONS, WALL FURRING, SURFACE APPLIED MATERIALS OR FINISHES (I.E. WALL COVERINGS, WOOD PANELING, ETC.), PIPE AND CHASE FURRING IN INTERIOR SPACES AND AT PERIMETER WALLS SHALL BE REMOVED FULL HEIGHT INCLUDING DOORS AND FRAMES, ETC. WITHIN THE PARTITIONS.
 - REMOVE ALL FLOOR AND BASE MATERIALS AND MASTIC. PREPARE FLOOR AND WALL SURFACES TO RECEIVE NEW FLOOR AND BASE FINISH MATERIALS.
 - EXCEPT AS NOTED, REMOVE ALL CEILING SYSTEMS, INCLUDING, BUT NOT LIMITED TO:
 - ACOUSTICAL CEILING AND GRID SYSTEMS (SUSPENDED OR OTHERWISE), INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS,
 - SUSPENDED GYPSUM AND / OR PLASTER CEILING, INCLUDING ALL SUPPORTING / SUSPENSION SYSTEMS,
 - CEILING SYSTEMS ABOVE FINISHED / EXPOSED CEILING,
 - GYPSUM BOARD AND / OR PLASTER SOFFITS, CEILING RETURNS AND / OR DRAPERY POCKETS, ETC.
 - REMOVE ALL CASEWORK, EQUIPMENT, & MISCELLANEOUS ITEMS, INCLUDING BUT NOT LIMITED TO:
 - SHELVING BRACKETS, STANDARDS, CABINETS, COUNTERTOPS, LINENRUIT SUPPORTS, AND WALL ATTACHMENTS, ETC. UNLESS NOTED OTHERWISE.
 - OWNER HAS FIRST RIGHT OF SALVAGE TO ANY MATERIALS OR EQUIPMENT REMOVED UNDER THIS CONTRACT. OWNER WILL NOTIFY CONTRACTOR AS TO WHERE DESIGNATED AREAS AVAILABLE FOR STORAGE OF SALVAGED ITEMS.
 - REQUIREMENTS OF STRUCTURAL WORK: DO NOT CUT STRUCTURAL WORK IN A MANNER RESULTING IN A REDUCTION OF LOAD-CARRYING CAPACITY OF LOAD/DEFLECTION RATIO.
 - OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT OPERATIONAL ELEMENTS AND SAFETY-RELATED COMPONENTS IN A MANNER RESULTING IN A REDUCTION OF CAPACITIES TO PERFORM IN A MANNER INTENDED OR RESULTING IN A DECREASED OPERATIONAL LIFE, INCREASED MAINTENANCE, OR DECREASED SAFETY.
 - VISUAL REQUIREMENTS: DO NOT CUT WORK WHICH IS EXPOSED ON THE EXTERIOR OR EXPOSED IN OCCUPIED SPACES OF THE BUILDING IN A MANNER RESULTING IN A REDUCTION OF VISUAL QUALITIES OR RESULTING IN SUBSTANTIAL EVIDENCE OF THE DEMOLITION WORK JUDGED BY THE ARCHITECT TO BE CUT AND PATCHED IN A VISUALLY UNSATISFACTORY MANNER.
 - LOADING: DO NOT SUPERIMPOSE LOADS AT ANY POINT UPON EXISTING STRUCTURE BEYOND DESIGN CAPACITY INCLUDING LOADS ATTRIBUTABLE TO MATERIALS, CONSTRUCTION EQUIPMENT, DEMOLITION OPERATIONS AND SHORING AND BRACING.
 - VIBRATION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD INDUCE VIBRATION INTO ANY ELEMENT OF THE STRUCTURE.
 - FIRE: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE ANY FIRE HAZARD UNLESS OTHERWISE APPROVED BY CONTRACTING OFFICER.
 - WATER: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE EXCESSIVE WATER RUN-OFF, AND WATER POLLUTION.
 - AIR POLLUTION: DO NOT USE MEANS, METHODS, TECHNIQUES, OR PROCEDURES WHICH WOULD PRODUCE UNCONTROLLED DUST, FUMES, OR OTHER DAMAGING AIR POLLUTION.

KEYNOTES LEGEND-DEMO

MARK	DESCRIPTION
125	PRESSURE WASH/CLEAN EXISTING CANOPY, PATCH/REPAIR SURFACE AS REQUIRED.
140	EXISTING LIGHT FIXTURES/ELECTRICAL EQUIPMENT AND ALL RELATED HARDWARE TO BE REMOVED. CONTRACTOR TO VERIFY EXISTING FIXTURE QUANTITY, REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
157	PREPARE EXISTING BEAM TO RECEIVE NEW FINISH. CLEAN, PREP AND PATCH/REPAIR AS REQUIRED. TYP.
158	PRESSURE WASH/CLEAN EXISTING AWNING.
160	ALL UTILITIES, FIXTURES, MECHANICAL SYSTEMS OR ANY OBSTRUCTIONS WITHIN LIFT SERVICE AREAS SHALL BE RELOCATED ABOVE 15'-3" AFF.

LEGEND

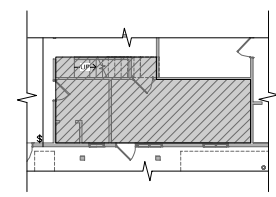
- [Hatched Box] NOT IN SCOPE
- [Dashed Line] INDICATES ELEMENTS TO BE DEMO. SEE KEYNOTES FOR DETAILS

PLAN NORTH

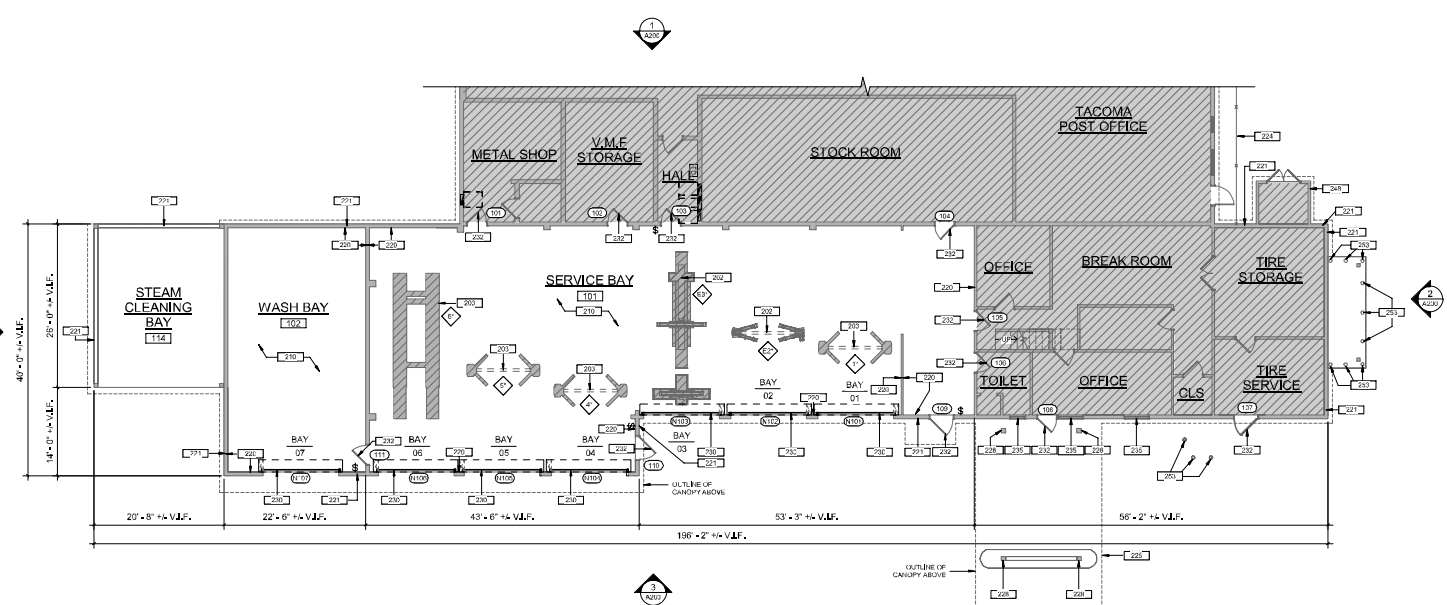
GENERAL NOTES

REFER TO G.002 FOR GENERAL NOTES

KEYNOTES LEGEND	
MARK	DESCRIPTION
202	EXISTING LEFT TO REMAIN, NOT IN CONTRACT (N.I.C.)
203	EXISTING LEFT TO BE REPLACED/INSTALLED BY OTHERS (N.I.C.). PATCH AND REPAIR FLOOR AS REQUIRED. CONTRACTOR TO VERIFY SEQUENCE OF CONSTRUCTION.
210	INSTALL NEW FLOOR SURFACE. CLEAN AND PREPARE EXISTING SUBSTRATE FOR NEW FLOOR FINISH. PRESSURE WASH/CLEAN EXISTING TRENCH DRAIN AND COVER PLATES AS REQUIRED. REPAIR/STRIP/REPLACE CIRCULATION AREAS TO MATCH EXISTING.
220	PAINT INTERIOR WALL SURFACES AND ASSOCIATED EXISTING COVERS. CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT. TYP. WALL. CONTRACTOR TO VERIFY LOUVER QUANTITY. LOUVER COLOR TO MATCH WALL COLOR. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
221	POWER WASH EXTERIOR WALL SURFACES. PAINT EXTERIOR COVERS. CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT. LOUVER COLOR TO MATCH EXISTING. CONTRACTOR TO VERIFY QUANTITY OF LOUVERS.
224	EXISTING FENCE TO REMAIN, N.I.C.
225	PRESSURE WASH/CLEAN EXISTING CANOPY, PATCH/REPAIR SURFACE AS REQUIRED.
228	PRESSURE WASH/CLEAN EXISTING COLUMN. PREPARE FOR NEW FINISH AS REQUIRED.
230	NEW ROLLUP DOOR ASSEMBLY. PAINT TO MATCH EXISTING. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
232	EXISTING DOOR AND FRAME TO BE PAINTED. CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW FINISH. PAINT ALL SIDES AND EDGES OF DOORFRAME. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION. TYP.
236	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WINDOW AND FRAME ASSEMBLY. TYP.
248	PRESSURE WASH/CLEAN EXISTING STRUCTURE. PATCH/REPAIR SURFACE AS REQUIRED.
253	PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USPS STANDARDS. CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. TYP.



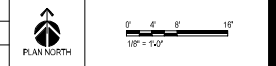
2 OVERALL PROPOSED MEZZANINE FLOOR PLAN
SCALE: 1/8" = 1'-0"



1 OVERALL PROPOSED FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

LEGEND

	NOT IN SCOPE
	INDICATES ELEMENTS TO BE DEMOD. SEE KEYNOTES FOR DETAILS
	LIFT TAG
	INDICATES EXISTING LIFTS
	INDICATES LIFTS NOT IN SCOPE



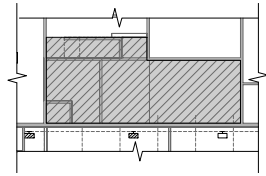
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90% DESIGN SUBMITTAL
 UNITED STATES POSTAL SERVICE
 TACOMA
 3825 S WARNER ST
 TACOMA, WA 98469
 PROJECT: TACOMA
 SHEET: 100-100-001-001
 DATE: JAN 26, 2024
 E:\1024

GENERAL NOTES

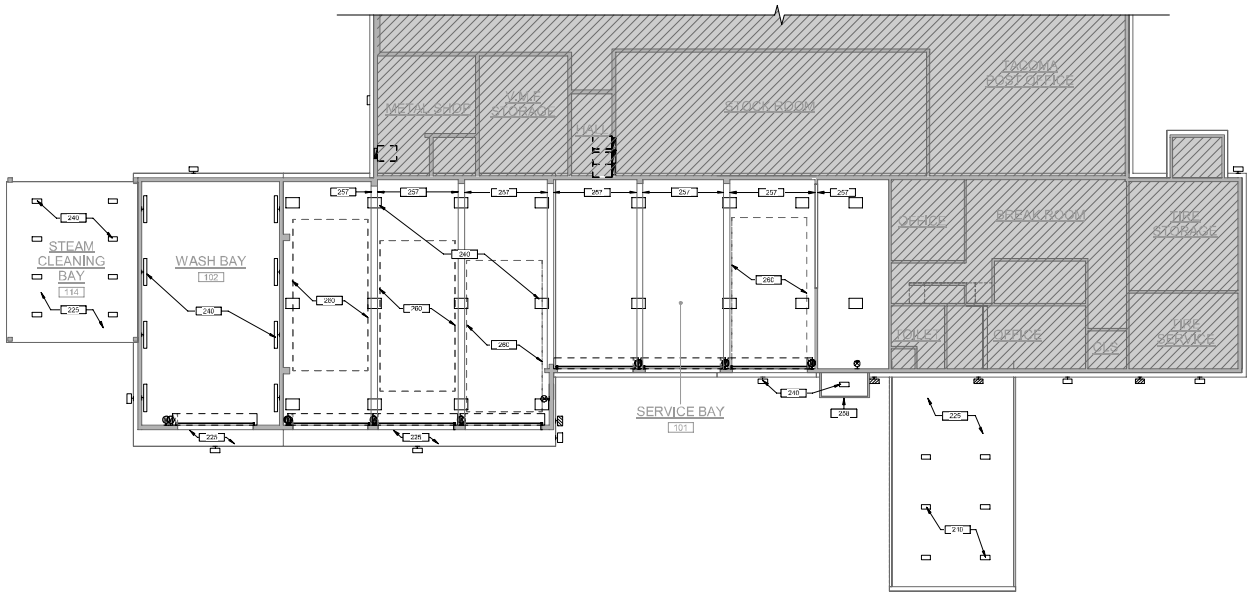
REFER TO G.002 FOR GENERAL NOTES

KEYNOTES LEGEND	
MARK	DESCRIPTION
225	PRESSURE WASH/CLEAN EXISTING CANOPY, PATCH/REPAIR SURFACE AS REQUIRED.
240	NEW LIGHT FIXTURE ASSEMBLY/ELECTRICAL EQUIPMENT. TYP. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
257	PAINT EXISTING BEAM/UNIT CEILING. CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH. COLOR TO BE PAINT TYP.
228	PRESSURE WASH/CLEAN EXISTING AWNING.
280	ALL UTILITIES, FIXTURES, MECHANICAL SYSTEMS OR ANY OBSTRUCTIONS WITHIN LIFT SERVICE AREAS SHALL BE RELOCATED ABOVE IS +3' A.F.F.



2 OVERALL PROPOSED MEZZANINE REFLECTED CEILING PLAN

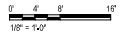
A150 SCALE: 1/8" = 1'-0"



1 OVERALL PROPOSED FIRST FLOOR REFLECTED CEILING PLAN

A150 SCALE: 1/8" = 1'-0"

LEGEND
 NOT IN SCOPE



DATE & TIME: 1/26/2024 11:03:22 AM

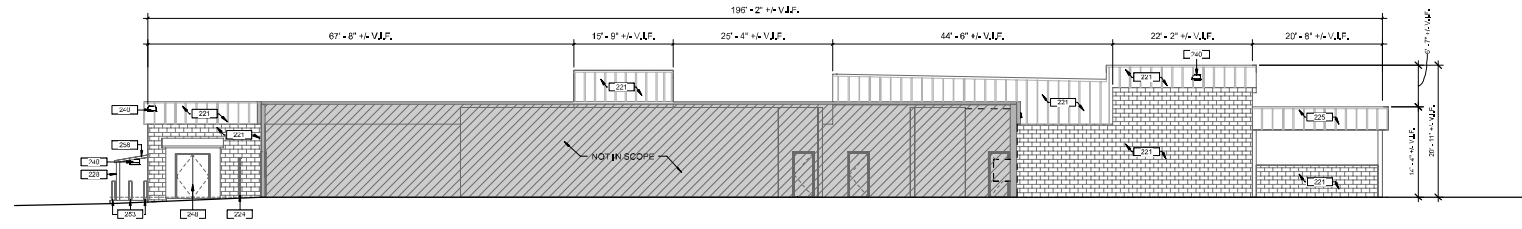
90% DESIGN SUBMITTAL
 UNITED STATES POSTAL SERVICE
 TACOMA
 3825 S WARNER ST
 TACOMA, WA 98409
 WSP USA, INC.
 1001 BROADWAY
 FT. COCKER, WA 98003
 E1024
 PROJECT: TACOMA
 SHEET: A150

GENERAL NOTES

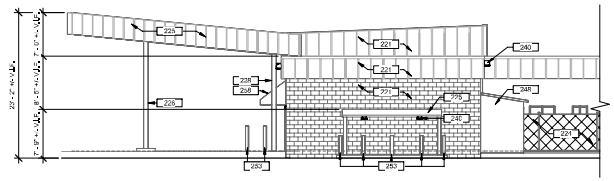
REFER TO G.002 FOR GENERAL NOTES

KEYNOTES LEGEND	
MARK	DESCRIPTION
221	POWER WASH EXTERIOR WALL SURFACES. PAINT EXTERIOR LOWERS, CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW PAINT. COVER COLOR TO MATCH EXISTING. CONTRACTOR TO VERIFY QUANTITY OF LOWERS.
224	EXISTING FENCE TO REMAIN, N/LC.
225	PRESSURE WASH/CLEAN EXISTING CANOPY; PATCH/REPAIR SURFACE AS REQUIRED.
228	PRESSURE WASH/CLEAN EXISTING COLUMN; PREPARE FOR NEW FINISH AS REQUIRED.
230	NEW ROLLUP DOOR ASSEMBLY; PAINT TO MATCH EXISTING; REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
232	EXISTING DOOR AND FRAME TO BE PAINTED; CLEAN, PREP AND PRIME AS REQUIRED FOR NEW FINISH; PAINT ALL SIDES AND EDGES OF DOOR/FRAME; REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION, TYP.
235	WASH/CLEAN INTERIOR AND EXTERIOR OF EXISTING WOODEN AND FRAME ASSEMBLY, TYP.
240	NEW LIGHT FIXTURE ASSEMBLY/ELECTRICAL EQUIPMENT, TYP; REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
248	PRESSURE WASH/CLEAN EXISTING STRUCTURE; PATCH/REPAIR SURFACE AS REQUIRED.
253	PAINT EXISTING BOLLARD SAFETY YELLOW TO COMPLY WITH USER STANDARDS; CLEAN, PREP, AND PRIME AS REQUIRED FOR NEW FINISH, TYP.
258	PRESSURE WASH/CLEAN EXISTING AWNING.

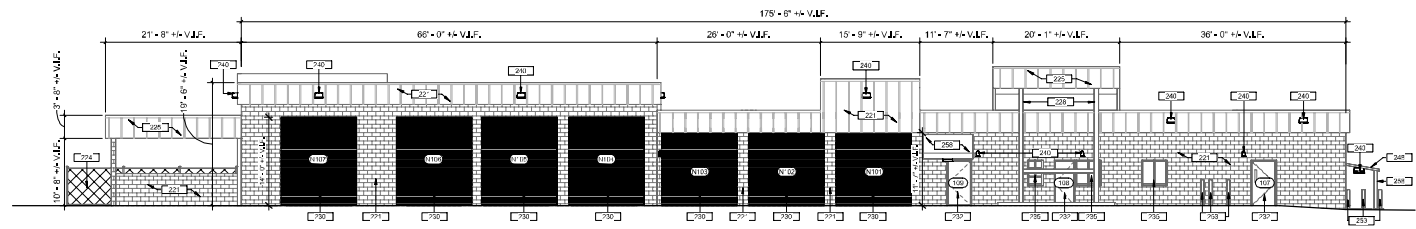
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



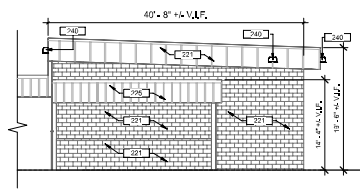
2 EAST ELEVATION
SCALE: 1/8" = 1'-0"



3 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

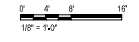


4 WEST ELEVATION
SCALE: 1/8" = 1'-0"



LEGEND

▨ NOT IN SCOPE



DATE & TIME: 1/26/2024 11:03:25 AM

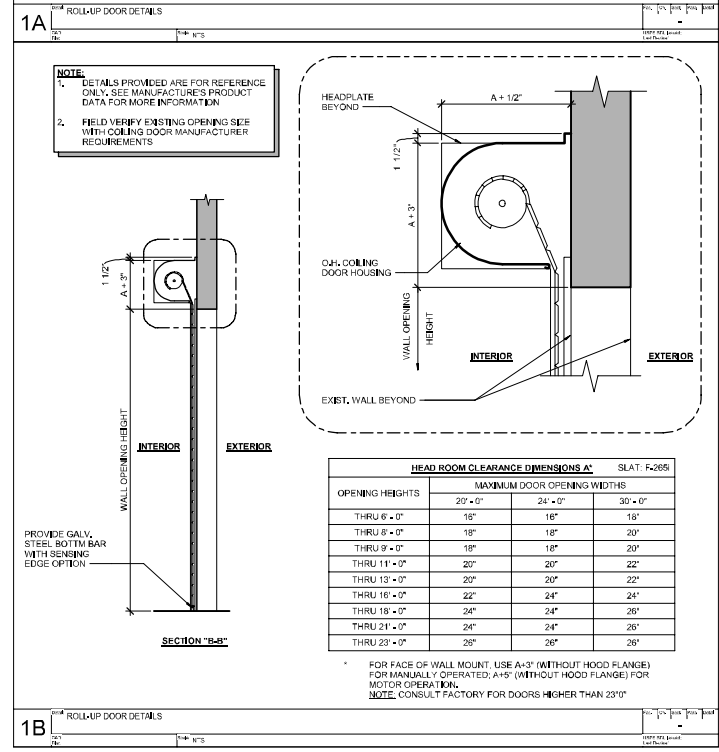
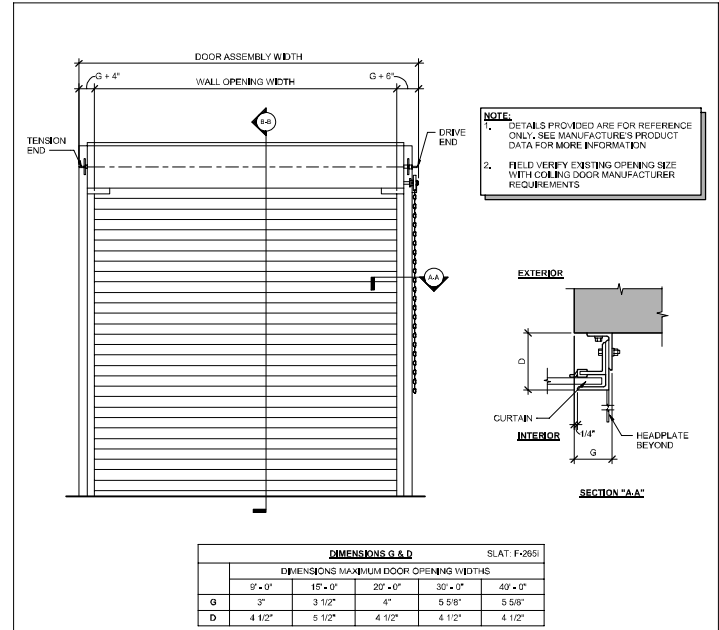
A200 EXTERIOR ELEVATIONS
 DATE: JAN 26, 2024
 PROJECT: TACOMA
 USER: [unreadable]

90% DESIGN SUBMITTAL

UNITED STATES POSTAL SERVICE

TACOMA
 3825 S WARNER ST
 TACOMA, WA 98469

KORTE
 ARCHITECTS

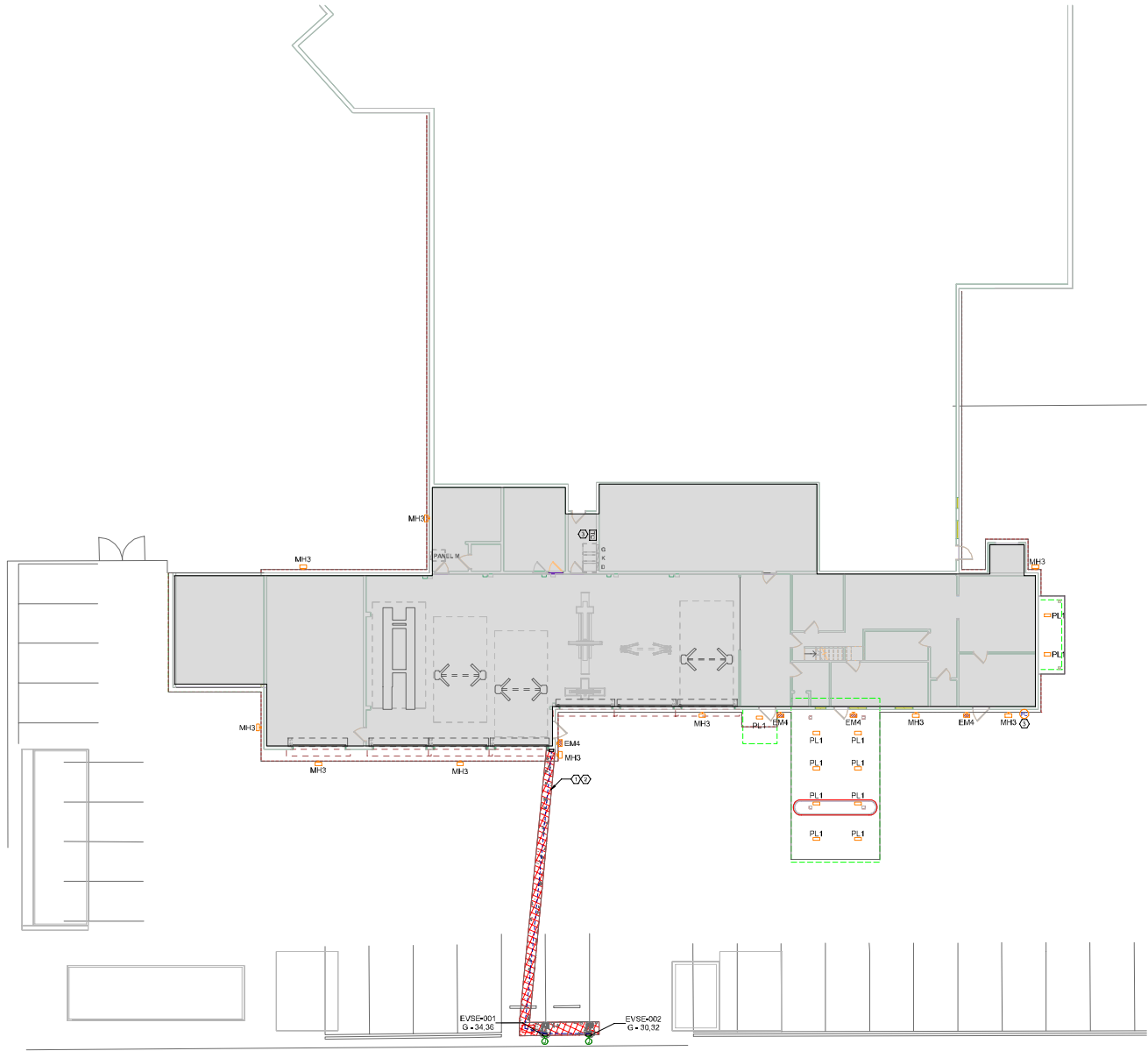


DATE & TIME 1/26/2024 2:28:59 PM

1 SITE ELECTRICAL PLAN



ES100 SCALE: 1" = 10'-0"

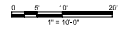


GENERAL NOTES

- A. REFER TO E-001 FOR SYMBOLS LEGEND.
- B. PROTECT EXISTING TO REMAIN CONDITIONS FROM DAMAGE DURING DEMOLITION AND/OR NEW CONSTRUCTION OPERATIONS.
- C. EXISTING CIRCUITING TO REMAIN SHALL BE RECONNECTED AS REQUIRED WHERE AFFECTED BY DEMOLITION OR NEW WORK TO MAINTAIN THE CONTINUITY OF THE CIRCUIT.
- D. ROUTING SHOWN ON PLANS DOES NOT ACCOUNT FOR EXISTING UTILITIES OR RACEWAYS THAT MAY BE PRESENT; COORDINATE ALL EXCAVATION WITH GENERAL CONTRACTOR AND CIVIL CONTRACTOR.
- E. PROVIDE HAND HOLES PER NEC FOR POWER.
- F. ALL BUILDING ENTRY POINTS SHALL BE COORDINATED WITH GENERAL CONTRACTOR/USPS FOR PHASING AND EXACT LOCATION.
- G. PROVIDE CONCRETE DUCTBANK FOR AREAS UNDER VEHICLE TRAFFIC OR PARKING.
- H. ALL CONDUIT SIZING AND ROUTING SHOWN FOR PROCUREMENT AND COORDINATION PURPOSES AND SHALL BE VERIFIED WITH FINAL EQUIPMENT DIMENSIONS.
- I. ALL UNDERGROUND WIRING SHALL BE INSTALLED IN PVC CONDUIT AND BURIED AT A DEPTH OF NOT LESS THAN 2 FT. BELOW GRADE. SEAL CONDUIT TERMINATING BELOW GRADE TO PREVENT ENTRY OF DIRT OR MOISTURE. PROVIDE RED DETECTABLE WARNING TAPE 12 INCHES ABOVE ALL UNDERGROUND CONDUIT ROUTINGS. SPLICES SHALL BE TERMINATED ABOVE GRADE. PROVIDE PVC ELBOWS AND CONDUIT TURNING UP FROM GRADE.
- J. COORDINATE WITH GC AND ALL TRADES TO DISCONNECT AND MAKE SAFE ANY POWERED EQUIPMENT THAT SHALL BE DEMOLISHED.
- K. MAINTAIN AT LEAST 12" SEPARATION BETWEEN 480V AND 208V CONDUIT WHERE POSSIBLE.
- L. REFER TO E100 FOR LIGHTING CIRCUITING INFORMATION.
- M. REFER TO E500 FOR EXTERIOR LIGHTING CONTROL INFORMATION.
- N. REFER TO E500 FOR ELECTRIC VEHICLE CHARGER DETAIL.
- O. ALL THE EXTERIOR AND CANOPY LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH.

LEGEND NOTES

- 1. TRANSITION ELECTRICAL RACEWAYS FOR CHARGERS OVERHEAD FROM UTILITY ROOM TO UNDERGROUND. PROVIDE PULL BOXES AS NECESSARY PER NEC AND COORDINATE LOCATION WITH EXISTING UTILITIES AND STRUCTURE. COORDINATE EXCAVATION PATHWAYS WITH GC. COORDINATE PHASING OF EXCAVATIONS/SWITCHING FOR ELECTRICAL WORK WITH GC AS TO NOT AFFECT NEW PAVEMENT AND STRIPING WORK.
- 2. REFER TO DETAILS 1 AND 2 ON E500 FOR UNDERGROUND ELECTRICAL RACEWAY REQUIREMENTS.
- 3. CANOPY AND EXTERIOR WALL MOUNTED LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH. REFER SHEET E500 FOR SITE LIGHTING CONTROL DETAILS.



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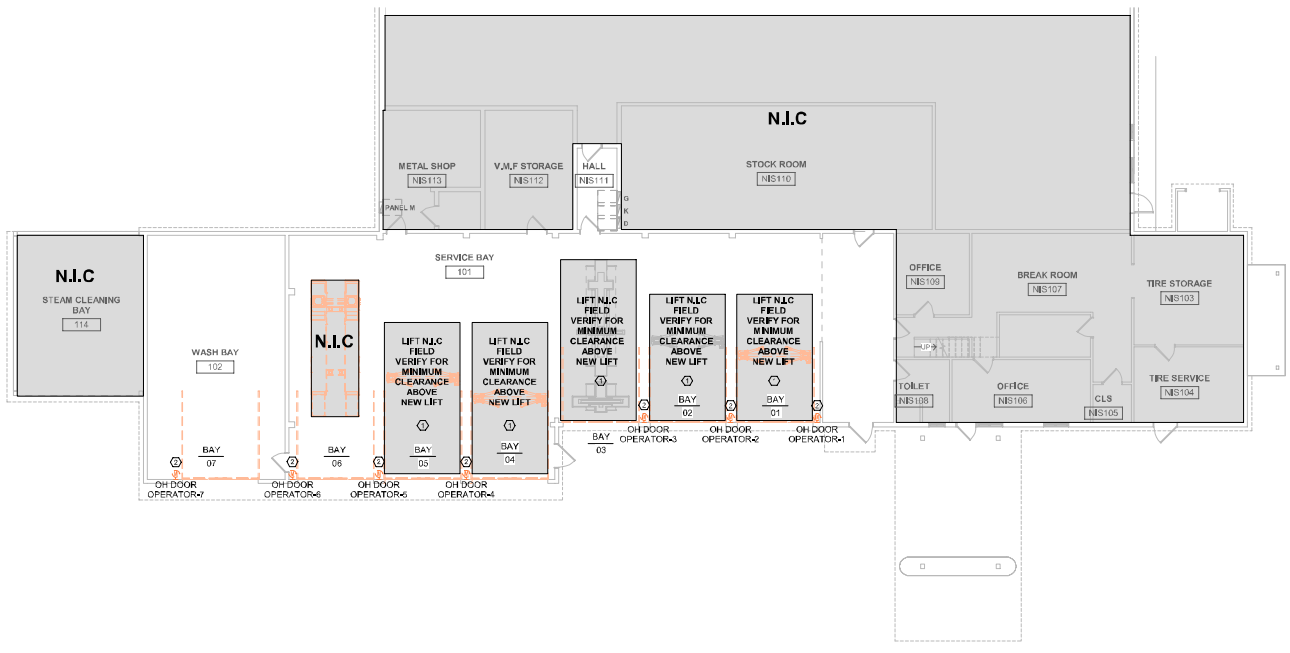


TACOMA VMF
3825 S WARNER ST
TACOMA, WA 98469



90% DESIGN SUBMITTAL

ES100 ELECTRICAL SITE PLAN
SCALE: AS NOTED DATE: JAN 26, 2024
PROJECT: TACOMA VMF
USPS PER Number: PROJECT NUMBER



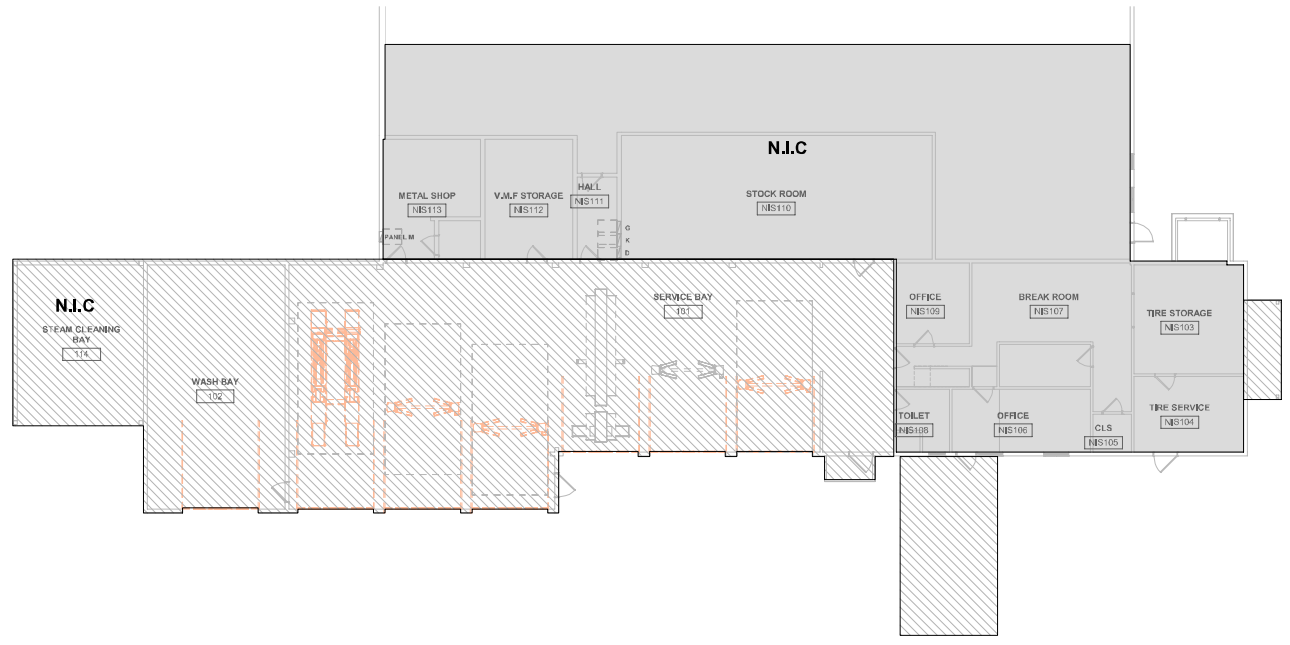
DEMO NOTES - POWER

- A. DEMOLITION DRAWINGS ARE BASED ON EXISTING PLANS AND LIMITED FIELD INVESTIGATION.
- B. PROVIDE DEMOLITION WORK SHOWN ON THE DRAWINGS AND RELATED AND INCIDENTAL DEMOLITION WORK REQUIRED TO COMPLETE NEW CONSTRUCTION WORKS.
- C. FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE START OF DEMOLITION OPERATIONS, BRING ANY DISCREPANCIES WHICH MAY SIGNIFICANTLY AFFECT DEMOLITION OR NEW CONSTRUCTION WORK TO THE ATTENTION OF THE ENGINEER FOR REVIEW.
- D. PROTECT EXISTING CONSTRUCTION TO REMAIN FROM DAMAGE DURING DEMOLITION AND/OR NEW CONSTRUCTION OPERATIONS.

LEGEND NOTES

- 1. COORDINATE WITH GENERAL CONTRACTOR TO DISCONNECT AND MAKE SAFE ANY EQUIPMENT ABOVE THIS LIFT, EQUIPMENT AND UTILITY ROUTING SHALL BE ADJUSTED TO INCREASE CLEARANCE ABOVE LIFT AREA TO 100% A.F.F. MINIMUM. FIELD VERIFY EXTENT OF WORK (CONDUITS, ETC.) THAT SHALL BE MODIFIED TO ACCOMMODATE MIN. CLEARANCE HEIGHT DURING PREPROPOSAL MEETING.
- 2. DISCONNECT DEMO EXISTING OVERHEAD DOOR CONNECTIONS AND ASSOCIATED CONDUITS, CONNECT NEW OVERHEAD DOOR TO EXISTING PANEL AND CIRCUIT BREAKERS SAVED FROM DEMOLITION. GC HAS TO FIELD VERIFY THAT THE EXISTING CIRCUIT BREAKER ARE PROPER WORKING CONDITION, IF NOT REPLACE WITH NEW CIRCUIT BREAKER.

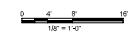
1 DEMOLITION PLAN - POWER
SCALE: 1/8" = 1'-0"



DEMO NOTES - LIGHTING

- A. LIGHT FIXTURES AND ASSOCIATED LIGHTING CIRCUITRY & CONTROLS WITHIN THE INDICATED LIGHTING DEMOLITION AREAS TO BE REMOVED, CONTRACTOR SHALL REMOVE CONDUITORS BACK TO SOURCE, REFER TO NEW WORK LIGHTING PLANS PRIOR TO START OF DEMOLITION, TRACE LIGHTING BACK TO PANEL AND VERIFY CIRCUIT NUMBERS, ONLY VERTICAL CONDUIT HIDDEN IN BLOCK OR FINISHED WALLS MAY BE RE-USED TO MINIMIZE PATCHWORK, DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND PREPARE PANELS FOR NEW CIRCUIT.
- B. DISCONNECT AND REMOVE LIGHT SWITCHES AND ASSOCIATED WIRING AND CONDUIT ON EXISTING WALLS THAT ARE TO REMAIN WITHIN INDICATED LIGHTING DEMOLITION AREAS, REMOVE BRANCH CIRCUITS BACK TO EXISTING PANELS AND MARK AS "SPARE", LIGHTING CONTROLS TO BE REPLACED IN NEW WORK PHASE, PLACE NEW LIGHTING CONTROLS DEVICES IN LOCATION TO MINIMIZE PATCH WORK.
- C. DISCONNECT EXTERIOR BUILDING MOUNTED LIGHTS, COORDINATE WITH GC TO PATCH AFTER DEMOLITION.

2 DEMOLITION PLAN - LIGHTING
SCALE: 1/8" = 1'-0"



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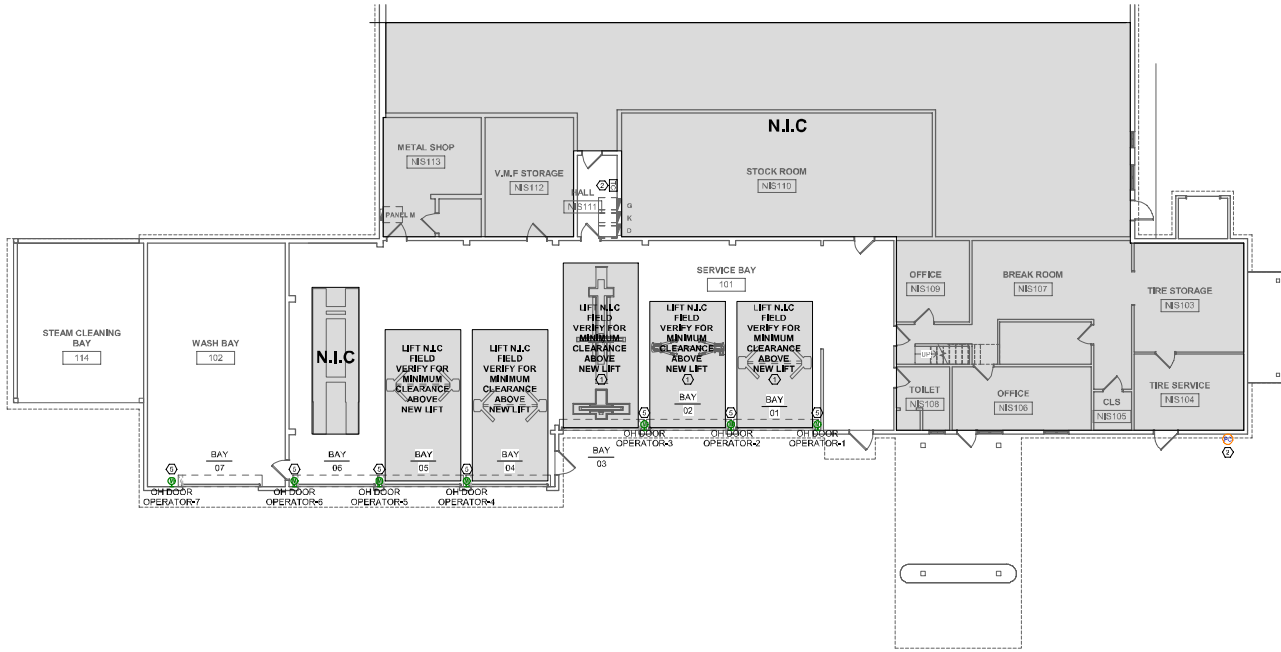


TACOMA V.M.F.
3825 S WARNER ST
TACOMA, WA 98469



90% DESIGN SUBMITTAL

ED100 ELECTRICAL DEMOLITION
SHEET HAS NOTED DATE: JUN 26, 2024
PROJECT: TACOMA V.M.F.
UPR File Number: E10234



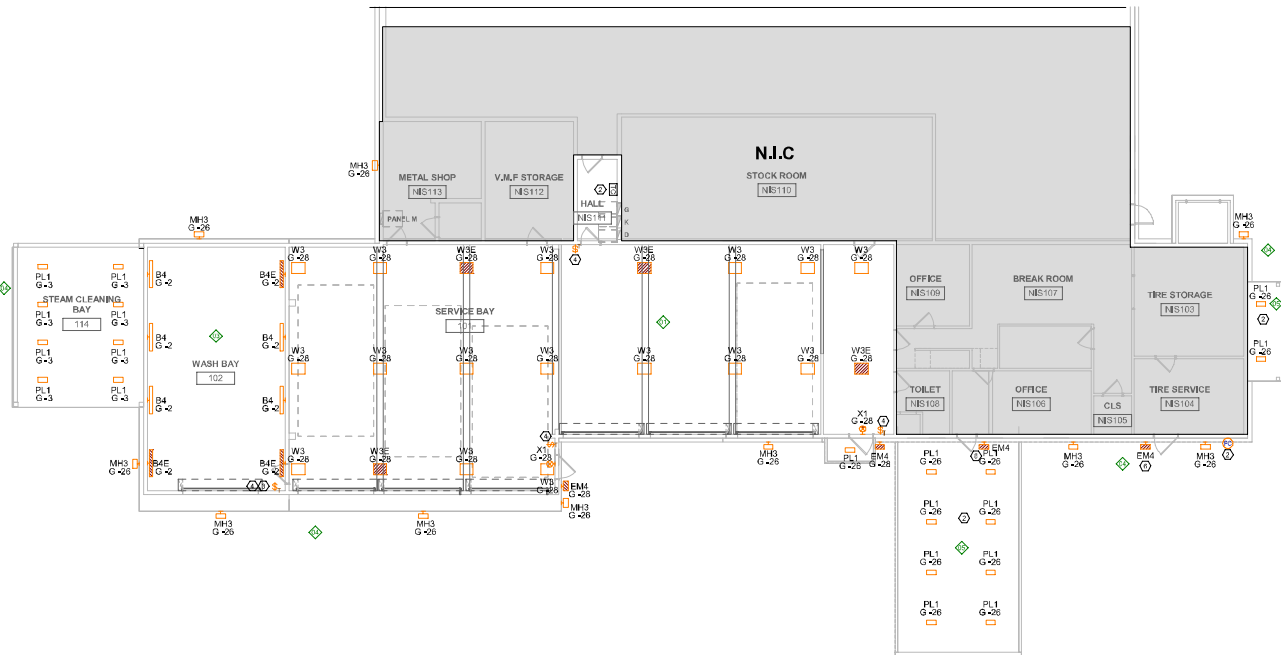
GENERAL NOTES

- A. REFER TO E001 FOR SYMBOL LEGEND, ABBREVIATIONS, AND NOTES.
- B. REFER TO E400 FOR ONE-LINE DIAGRAMS, AND PANEL SCHEDULES.
- C. REFER TO E401 FOR LIGHTING FIXTURE SCHEDULE AND LIGHTING CONTROLS SCHEDULE.
- D. REFER TO E500 FOR DETAILS.
- E. COORDINATE WITH GENERAL CONTRACTOR FOR FINAL LIGHT LOCATIONS WITH VERIFIED EXISTING BUILDING DIMENSIONS AND FINAL LIFT LOCATIONS TO MAINTAIN CLEARANCES AROUND AND ABOVE LIFT FOR VEHICLES.

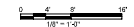
LEGEND NOTES

- 1. COORDINATE WITH GENERAL CONTRACTOR TO DISCONNECT AND MAKE SAFE ANY EQUIPMENT ABOVE THIS LIFT. EQUIPMENT AND UTILITY ROUTING SHALL BE ADJUSTED TO INCREASE CLEARANCE ABOVE LIFT AREA TO 12'-3" A.F.F. MINIMUM. FIELD VERIFY EXTENT OF WORK (CONDUITS, ETC.) THAT SHALL BE MODIFIED TO ACCOMMODATE MIN. CLEARANCE HEIGHT DURING PREPROPOSAL MEETING.
- 2. CANOPY AND EXTERIOR WALL MOUNTED LIGHTS ARE CONTROLLED BY PHOTOCELL AND TIME SWITCH. REFER SHEET E500 FOR SITE LIGHTING CONTROL DETAILS.
- 3. PROVIDE NEMA 6P ENCLOSURES FOR LIGHTING CONTROL DEVICES IN WASH BAY.
- 4. TIME SWITCH FOR HIGH OUTPUT PROGRAMMED FOR MAXIMUM OF 4 HRS. REFER TO LIGHTING CONTROL SCHEDULE ON E500 FOR MORE INFORMATION.
- 5. DISCONNECT, DEMO EXISTING DOOR OPERATOR AND MOTOR UNITS. INSTALL NEW DOOR OPERATOR AND MOTOR UNITS IN SAME LOCATIONS AS EXISTING UNITS AND CONNECT TO EXISTING PANEL AND CIRCUIT BREAKERS. REFER TO SHEET E500 FOR MOTOR DETAILS.
- 6. CIRCUIT NEW BATTERY-BACKED EMERGENCY LIGHT FIXTURE TO EXISTING INTERIOR LIGHTING CIRCUIT. PROVIDE UNSWITCHED HOT CONDUCTOR TO SENSERONAL POWER LOSS.

1 POWER FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 LIGHTING PLAN
SCALE: 1/8" = 1'-0"



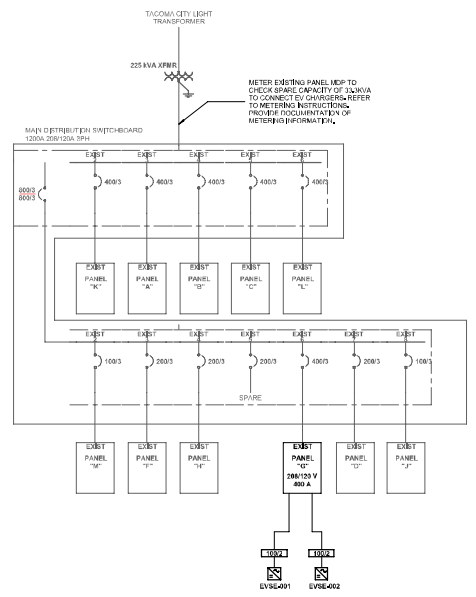
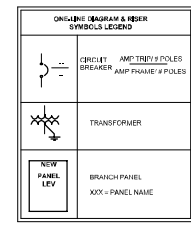
COPPER WIRE & CONDUIT SCHEDULE									
TAG	AMPACITY	PHASE		NEUTRAL		GROUND		CONDUIT	
		NO. WIRES	SIZE (AWG OR KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	QTY.	SIZE
20	20	3	#12	-	-	1	#12	1	3/4"
20N	20	3	#12	-	-	1	#12	1	3/4"
30	30	3	#10	-	-	1	#10	1	3/4"
30N	30	3	#10	-	-	1	#10	1	3/4"
80Z	80	2	#3	-	-	1	#6	1	1"
80N	80	3	#4	-	-	1	#6	1	1 1/2"
100Z	100	2	#1	-	-	1	#6	1	1 1/4"

ALUMINUM WIRE & CONDUIT SCHEDULE									
TAG	AMPACITY	PHASE		NEUTRAL		GROUND		CONDUIT	
		NO. WIRES	SIZE (AWG OR KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	NO. WIRES	SIZE (AWG/KCMIL)	QTY.	SIZE
110	110	3	#10	-	-	1	#4	1	1 1/2"
110N	110	3	#10	-	-	1	#4	1	2"
125	125	3	#10	-	-	1	#4	1	2"
125N	125	3	#10	-	-	1	#4	1	2"
150	150	3	#10	-	-	1	#4	1	2"
150N	150	3	#10	-	-	1	#4	1	2"

NOTES:
 1. SIZES BASED ON THHN/THWN/THWN-2 CONDUCTORS AND PVC/EMT CONDUIT SIZES IN NEC TABLE 3, EXTERIOR CONDUCTORS SHALL BE 80% RATED.
 2. AMPACITY BASED ON 90°C RATING.
 3. FEEDERS SERVING TRANSFORMERS DO NOT REQUIRE A GROUND. FOR TRANSFORMERS GEC, MATCH SIZE OF EGC SHOWN ON FEEDER SCHEDULE.
 4. COMPACT STRANDED ALUMINUM CONDUCTORS MAY BE USED FOR CONDUCTORS #10 AND LARGER IF EQUIPPED WITH COMPRESSION LUGS AND INSTALLED PER MANUFACTURERS' INSTRUCTIONS.

ELECTRICAL LOAD ANALYSIS (R/F TACOMA VMF)	
UTILITY PROVIDER	TACOMA POWER
UTILITY CONTACT	Jordan Whiteley JWhiteley@CityofTacoma.org 253-244-8057
VMF FED BY MAIN BUILDING	YES
EXISTING MAIN BUILDING TRANSFORMER SIZE (IF APPLICABLE)	225KVA
VMF DISTRIBUTION VOLTAGE	208/120 V
EXISTING VMF TRANSFORMER SIZE	N/A
EXISTING VMF DISTRIBUTION SIZE	1200 A
VMF BUILDING CAPACITY (80% OF MCB)	960 A
MAX KW AVAILABLE	225 KW
EXISTING PEAK LOAD MONTH	85 KW
NEC EXISTING LOAD FACTOR OF 25% PEAK	21,25 KW
REMAINING CAPACITY	118,75 KW
ADDED CHARGER LOAD	(2) CHARGERS AT 16,640 W EACH =33,280W (208V 1Ø)
UTILITY UPGRADE NEEDED	NO
FEEDER FROM MAIN BUILDING UPGRADE NEEDED (IF APPLICABLE)	NO
NOTES	PEAK CONSUMPTION INFORMATION OBTAINED FROM BILLS

NOTE: SCOPE OF WORK IS RENOVATION OF EXISTING BUILDING, ONLY NEW/ADDED LOADS ARE SHOWN ON PANEL SCHEDULES.



1 ELECTRICAL ONE-LINE DIAGRAM
 SCALE: NTS

TRANSFORMER SCHEDULE										
IDENTIFICATION	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PHASE	MOUNTING STYLE	LOCATION	K-RATING	WINDINGS	TEMPERATURE RATING	NOTES
NOTE: STOCK OPTIONS HAVE BEEN SPECIFIED DUE TO CONSTRUCTION SCHEDULE.										

LIFTS ELECTRICAL REQUIREMENTS SCHEDULE																				
NAME	DESCRIPTION	LOCATION	HP	VOLTAGE	PHASE	MCA	MOCP	ENCLOSURE TYPE	FURNISHED BY	INSTALLED BY	DISCONNECT			CONTROL DEVICE			FEEDER INFORMATION			REMARKS
											TYPE	SIZE	LOCATION	FURNISHED BY	WIRED BY	TYPE	PANEL	CIRCUIT	(L.C.) QTY	

OVERHEAD DOOR ELECTRICAL REQUIREMENT SCHEDULE																								
NAME	DESCRIPTION	LOCATION	HP	VOLTAGE	PHASE	MCA	MOCP	ENCLOSURE TYPE	FURNISHED BY	INSTALLED BY	DISCONNECT			CONTROL DEVICE			FEEDER INFORMATION			REMARKS				
											TYPE	SIZE	LOCATION	FURNISHED BY	WIRED BY	TYPE	PANEL	CIRCUIT	(L.C.) QTY		LINE	(GND) QTY	GROUND	(GNDT) QTY
OH DOOR OPERATOR#1	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	1	2	#6	1	#12	1	EX
OH DOOR OPERATOR#2	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	50	2	#6	1	#12	1	EX
OH DOOR OPERATOR#3	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	52	2	#6	1	#12	1	EX
OH DOOR OPERATOR#4	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	48	2	#6	1	#12	1	EX
OH DOOR OPERATOR#5	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	44	2	#6	1	#12	1	EX
OH DOOR OPERATOR#6	MODEL RHX	SERVICE BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	46	2	#6	1	#12	1	EX
OH DOOR OPERATOR#7	MODEL RHX	WASH BAY	0.5	120 V	1	4 A	15 A	NEMA 4	E,C	E,C	E,C	15A/1P	OPERATOR CONTROLS	E,M	E,M	C,B	G	5	2	#6	1	#12	1	EX

NOTE: IF EXISTING CB HAS RATING EQUAL TO OR GREATER THAN 15A, USE EXISTING CB

EVSE SCHEDULE											
EVSE #	EV KIT #	DESCRIPTION	LOCATION	PHASE	VOLTS	POWER OUTPUT	ELECTRICAL OUTPUT (VA)	CB RATING	POLES	FEEDER INFORMATION	REMARKS
EVSE-001	CP001	208V 1Ø - 80A (100A BREAKER)	EXTERIOR	1	208 V	50 A	16,640	100 A	2	G	34.36
EVSE-002	CP001	208V 1Ø - 80A (100A BREAKER)	EXTERIOR	1	208 V	80 A	16,640	100 A	2	G	30.32

LIGHTING FIXTURE SCHEDULE								CATALOG NUMBER	
TYPE	COUNT	DESCRIPTION	MOUNTING	COLOR TEMP.	LUMENS	VA	VOLTAGE	MANUFACTURER	CATALOG NUMBER
B4	5	4' WALL MOUNTED LED LIGHT WITH GASKETE, POLYESTER POWDER COATED, FLAT POLY CLEAR DIFFUSER, MEDIUM DISTRIBUTION, RIMK WALL MOUNTED KIT, WET LOCATION, NEMA 4X RATED, WHITE FINISH.	WALL+12 AFF	4,000K	17933	122	120 V	LITHONIA	FEX L48 1800LM FPCL MD MVOLT GZ10 40K 80CRI RMKX NLTAR RSBG10 DWHXD CR
B4E	3	4' WALL MOUNTED LED LIGHT WITH GASKETE, POLYESTER POWDER COATED, FLAT POLY CLEAR DIFFUSER, MEDIUM DISTRIBUTION, RIMK WALL MOUNTED KIT, WET LOCATION, NEMA 4X RATED, WHITE FINISH, PROVIDE WITH BATTERY PACK.	WALL+12 AFF	4,000K	17933	122	120 V	LITHONIA	FEX L48 1800LM FPCL MD MVOLT GZ10 40K 80CRI RMKX NLTAR RSBG10 DWHXD CR E15WVCP
EM4	4	WALL MOUNTED EMERGENCY EXIT DISCHARGE LIGHT, SELF DIAGNOSTIC LITHIUM IRON PHOSPHATE BATTERY, FIELD CONFIGURABLE THROW OPTICS.	WALL+8 AFF	-	-	12	120 V	LITHONIA	APP CBL DBB7XD UVOLT LTTP SDRT PCT CW
MH3	10	WALL MOUNTED LED LIGHT, TYPE 4 DISTRIBUTION, WHITE FINISH, IP65 RATED, WET LOCATION LISTED.	WALL+15 AFF	4,000K	3053	29	120 V	LITHONIA	MRWLED P2 40K SRM MVOLT PRDRSDXD
PL1	20	EXTERIOR SURFACE MOUNTED LED CANOPY LIGHTS, DIE CAST ALUMINUM HOUSING, TYPE 5 MEDIUM DISTRIBUTION, IP65 RATED, WET LOCATION LISTED.	SURFACE +14' 8" AFF	4,000K	11564	107	120 V	LITHONIA	DSXSC LED 30C 1000 40K TSM MVOLT SRM DWHXD
W3	16	2'X2' HIGH BAY SUSPENDED LED LIGHT, TEXTURED ACRYLIC LENS, WIDE DISTRIBUTION, SUPER DURABLE WHITE COLOR FINISH, DIE CAST ALUMINUM HOUSING, THERMOSET POWDER COAT FINISH, WET LOCATION LISTED, IP65 RATED.	CABLE +18' AFF	4,000K	148590	97	120 V	LITHONIA	XB L24 15000LM ATWVD MVOLT GZ10 40K 80CRI NLTAR2 RMS0D45 DHVXD
W3E	4	2'X2' HIGH BAY SUSPENDED LED LIGHT, TEXTURED ACRYLIC LENS, WIDE DISTRIBUTION, SUPER DURABLE WHITE COLOR FINISH, DIE CAST ALUMINUM HOUSING, THERMOSET POWDER COAT FINISH, WET LOCATION LISTED, IP65 RATED, PROVIDE WITH SELF-DIAGNOSTIC BATTERY PACK.	CABLE +18' AFF	4,000K	148590	97	120 V	LITHONIA	XB L24 15000LM ATWVD MVOLT GZ10 40K 80CRI NLTAR2 RMS0D45 DHVXD E15WVCP
X1	2	8'X16' FACE WALL MOUNTED SELF POWERED AND SELF-DIAGNOSTICS LED EXIT LIGHT, WHITE HOUSING COLOR, RED COLORED LETTERS, NICKEL CADMIUM BATTERY.	ABOVE DOOR	N/A	N/A	1	120 V	LITHONIA	LOM S W 3 R 120/277/ELN SD

NOTES:
 1. LIGHTING FIXTURE SCHEDULE IS BASIS OF DESIGN AND SUBSTITUTIONS BASED ON SPECIFICATIONS SECTION 26 01 00 IS ACCEPTABLE, HOWEVER, ANY SUBSTITUTES CHOSEN SHALL MEET CONSTRUCTION DEADLINE, CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 2. IC TO PROVIDE MOUNTING HARDWARE FOR WALL/CEILING/DEPENDENT MOUNT.
 3. PROVIDE WITH LUMINAIRE MOUNTED OCCUPANCY SENSORS AS PER SCHEDULE.

LIGHTING CONTROL DEVICE SCHEDULE					
DESCRIPTION	MANUFACTURER	MODEL	COUNT	NOTES	
PHOTOCELL	INTERMATIC OR TORC	44141C OR 2012	1		
TIME CLOCK	INTERMATIC OR TORC	ET7000 OR 2LC SERIES	1		
TIME SWITCH	HLIGHT ACILITY	HP00 MA JSL	4		

NOTES:
 LIGHTING CONTROL SCHEDULE IS BASIS OF DESIGN AND SUBSTITUTIONS BASED ON SPECIFICATIONS SECTION 26 06 23 IS ACCEPTABLE, HOWEVER, ANY SUBSTITUTES CHOSEN SHALL MEET CONSTRUCTION DEADLINE, CONTRACTOR SHALL REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS														
TAG	SPACE TYPE	NORMAL BUSINESS HOURS			AFTER BUSINESS HOURS			CONTROL SYSTEM TYPE	OCCUPANCY SENSOR		PHOTOCELL CONTROL	MANUAL OVERRIDE DEVICE	DURATION	EMERGENCY FIXTURES CONTROLLED
		LIGHTING	RECEPTACLES	LIGHTING	RECEPTACLES	TYPE / LOCATION	SETPPOINT							
01	VEHICLE SERVICE BAY	OCCUPANCY SENSOR ACTIVATES TO 50%, OFF AFTER 20 MINUTES OF INACTIVITY	N/A	NO CHANGE	N/A	STANDALONE	DUAL-TECH / INTEGRAL	AUTO ON TO 50% / OFF IN 20 MIN	N/A	TIMER SWITCH - HIGH OUTPUT	4 HRS	NO		
03	WASH BAY	OCCUPANCY SENSOR ACTIVATES TO 50%, OFF AFTER 20 MINUTES OF INACTIVITY	N/A	NO CHANGE	N/A	STANDALONE	DUAL-TECH / INTEGRAL	AUTO ON TO 50% / OFF IN 20 MIN	N/A	TIMER SWITCH - HIGH OUTPUT	4 HRS	NO		
04	EXTERIOR LIGHTING	CONTROLLED VIA PHOTOCELL ONLY	N/A	FOR THE TIME BETWEEN 1 HOUR AFTER BUSINESS HOURS AND 1 HOUR PRIOR TO BUSINESS HOURS, CONTROLLED BY PHOTOCELL AND OCCUPANCY SENSOR	N/A	STANDALONE	TIME CLOCK/PHOTOCELL/OCCUPANCY SENSOR	AUTO ON TO 100% / OFF IN 20 MIN	YES	ON/OFF VIA ASTRONOMICAL TIME CLOCK, PHOTOCELL, AND OCCUPANCY CONTROLS	OFF HOURS	N/A		
05	EXTERIOR CANOPY	CONTROLLED VIA PHOTOCELL ONLY	N/A	FOR THE TIME BETWEEN 1 HOUR AFTER BUSINESS HOURS AND 1 HOUR PRIOR TO BUSINESS HOURS, CONTROLLED BY PHOTOCELL AND OCCUPANCY SENSOR	N/A	STANDALONE	TIME CLOCK/PHOTOCELL/OCCUPANCY SENSOR	AUTO ON TO 100% / OFF IN 20 MIN	YES	ON/OFF VIA ASTRONOMICAL TIME CLOCK, PHOTOCELL, AND OCCUPANCY CONTROLS	OFF HOURS	N/A		

NOTES:
 1. SETPOINTS AND TIME SCHEDULES MUST BE VERIFIED WITH OWNER PRIOR TO PROGRAMMING.
 2. PROVIDE QUANTITY AND COVERAGE PATTERN OF OCCUPANCY/OCCUPANT SENSORS WHERE REQUIRED BY THIS SCHEDULE TO COVER ENTIRE ROOMSPACE CONTROLLED, QUANTITY AND LOCATION OF SENSORS INDICATED ON DRAWINGS IS FOR COORDINATION AND PREPARE PURPOSES, AND SHALL BE VERIFIED BY SELECTED MANUFACTURER PRIOR TO SUBMISSION OF SHOP DRAWINGS.
 3. PROVIDE NUMBER OF FIELD POWER PACKS TO CONTROL ALL LIGHTING ZONES AND CIRCUITS SHOWN ON PLANS.
 4. PROVIDE UNMOUNTED 1/8" CONDUCTOR TO FIXTURES WITH INTEGRAL BATTERY PACKS TO REDUCE POWER LOSS.
 5. NO DAYLIGHT INTERFERENCE IN THIS PRODUCT DUE TO UNIFORMITY OF CEILING/GLOSS/REFLECTORS FROM WINDOWS.
 6. WASH BAYS WHICH HAVE BEEN INSTALLED ARE CONSIDERED TO HAVE BEEN REPORTED INTO VEHICLE SERVICE BAYS. ENVIRONMENT IS CONSIDERED TO BE THE SAME AS VEHICLE SERVICE BAYS.
 7. WIRELESS CONTROLS INCORPORATED FOR WORK BAY HIGH BAY FIXTURES, PROVIDE HEAD END EQUIPMENT, POWER TO EQUIPMENT, AND PROGRAMMING AS NECESSARY TO PROVIDE A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
 8. EACH MANUAL COUNTDOWN TIMER MUST BE DIGITAL TYPE RATED AT 48' AFF TO ALLOW FOR LIGHTING FOR THE HEAD/OUTPUT LEVEL. LUMINAIRE TUBE TO BE INSTALLED FOR UP TO 60 HOURS WITH OCCUPANCY DETECTION SWITCH MUST BE LABELED FOR IDENTIFICATION AS DIRECTED BY USPS PERSONNEL.

EXISTING: G

LOCATION: HALL 111
 MAIN BUS: 400 A
 VOLTAGE: 208/208 WYE

FED FROM:
 WIRING: BY 1/0
 ENCLOSURE: NEMA 1
 BUS TYPE: CLIPPER
 MOVING: NECESSARY
 PANEL LOGS: N/A

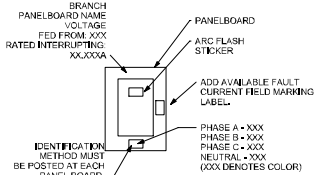
NEUTRAL BUS: YES
 GROUND BUS: YES
 A/C AVAILABLE: 208/3 A

CKT NO.	DESCRIPTION	HP	POLES	A	B	C	POLES	HP	DESCRIPTION	CKT NO.
1	ON DOOR OPERATOR-1	20	1	373	274		1	20	LIGHTS	1
2	LIGHT	20	1	373	274	375	0	20	LIGHTS	2
3	ON DOOR OPERATOR-2	20	1	373	274		1	20	LIGHTS	3
4	LIGHT	20	1	373	274	375	0	20	LIGHTS	4
5	LIGHTS	20	1	373	274	375	0	20	LIGHTS	5
6	LIGHTS	20	1	373	274	375	0	20	LIGHTS	6
7	LIGHTS	20	1	373	274	375	0	20	LIGHTS	7
8	LIGHTS	20	1	373	274	375	0	20	LIGHTS	8
9	LIGHTS	20	1	373	274	375	0	20	LIGHTS	9
10	FIELD CANOPY	20	1	373	274		1	20	LIGHTS	10
11	LIGHTS	20	1	373	274		1	20	LIGHTS	11
12	LIGHTS	20	1	373	274		1	20	LIGHTS	12
13	LIGHTS	20	1	373	274		1	20	LIGHTS	13
14	LIGHTS	20	1	373	274		1	20	LIGHTS	14
15	NOTE 1	20	2	0	0	0	0	20	LIGHTS	15
16	NOTE 1	20	2	0	0	0	0	20	NOTE 1	16
17	NOTE 1	20	2	0	0	0	0	20	NOTE 1	17
18	PHOTOCELL CONTROL	20	2	0	0	0	0	20	NOTE 1	18
19	RECEPTACLES	20	1	148	0	0	0	20	NOTE 1	19
20	RECEPTACLES	20	1	148	0	0	0	20	NOTE 1	20
21	WASH COMPACTOR	20	3	148	0	185	0	185	LIGHTS	21
22	WASH COMPACTOR	20	3	148	0	185	0	185	LIGHTS	22
23	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	23
24	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	24
25	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	25
26	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	26
27	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	27
28	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	28
29	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	29
30	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	30
31	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	31
32	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	32
33	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	33
34	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	34
35	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	35
36	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	36
37	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	37
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62	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	62
63	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	63
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70	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	70
71	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	71
72	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	72
73	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	73
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82	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	82
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84	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	84
85	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	85
86	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	86
87	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	87
88	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	88
89	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	89
90	PUMP TRAIL	20	3	0	0	0	2	185	LINE-401	90
91	PUMP TRAIL	20	3	0	0</					

EVSE-###
 208V/120/90A/100CB
 FED FROM: PANEL NAME=CKT#

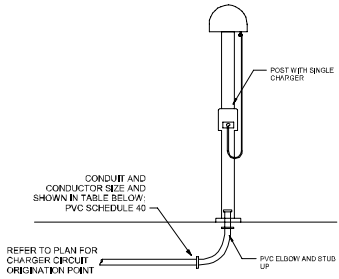
NOTE: PROVIDE LABEL ON EVSE, AFFIX LABEL TO EVSE STATION WHERE IT IS EASY TO READ. AVOID DIRECT SUNLIGHT IF POSSIBLE. REFERENCE SECTION 260500 - COMMON WORK RESULTS FOR ELECTRICAL FOR CURRENT LABELING STANDARDS FOR BREAKERS, PREFERRED LABEL TYPE IS INDUSTRY STANDARD ENGRAVED THREE-LAYER LAMINATED PHENOLIC PLASTIC LABELS.

6 EVSE TYPICAL LABEL
 SCALE: NTS



GENERAL NOTES:
 A. WHEN MORE THAN ONE NORMAL VOLTAGE SYSTEM SUPPLIES THE PREMISES THE FOLLOWING MUST BE APPLIED PER NFPA 70:
 1. ALL DISTRIBUTION EQUIPMENT AS DEFINED BY NFPA 70 SHALL BE IDENTIFIED BY SYSTEM.
 2. IDENTIFICATION OF BRANCH CIRCUITS MUST BE IDENTIFY BY COLOR CODING, TAGGING, MARKING TAPE, OR APPROVED MEANS AND SHALL BE PERMANENTLY POSTED AT BRANCH CIRCUIT PANELBOARD OR SIMILAR BRANCH CIRCUIT DISTRIBUTION EQUIPMENT.
 B. CONTENTS OF LABELS SHOW IN DETAIL ARE EXAMPLES ONLY. REFER TO SPECIFICATIONS FOR EXACT REQUIREMENTS OF EACH LABEL.

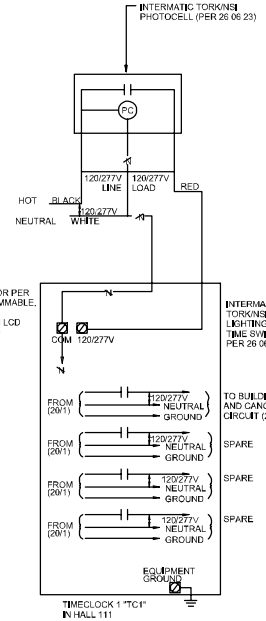
7 PANEL IDENTIFICATION DETAIL
 SCALE: NTS



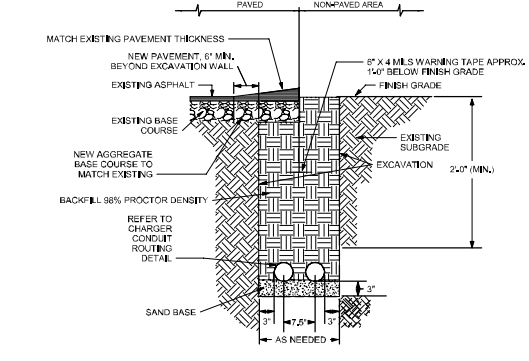
EV CHARGER HARDWARE LIST	
Type	Count
SINGLE CIRCUIT POST	2

CHARGE POINT CP6011B POWER FACTOR AND EFFICIENCY INFORMATION IS NOT AVAILABLE, TO SIMPLY DESIGN CHARGER OUTPUT VALUES PROVIDED BY MANUFACTURER (N/A) HAVE BEEN CONVERTED TO VIA USING A POWER FACTOR AND EFFICIENCY OF 1. THE CHARGER OUTPUT VALUE IS CONSIDERED TO BE THE MAXIMUM POSSIBLE OUTPUT TO THE EV.
 REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR VOLTAGE SHOWN ON EVSE SCHEDULE FOR ELECTRICAL CONNECTIONS. PROVIDE OUTPUT SETTING AT 90A AT EACH CHARGER. USPS TO PROVIDE COMMISSIONING AND ENERGY MANAGEMENT SYSTEM.

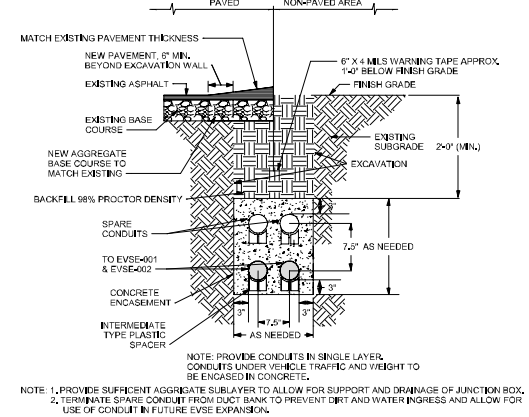
4 CHARGER CONDUIT ROUTING
 SCALE: NTS



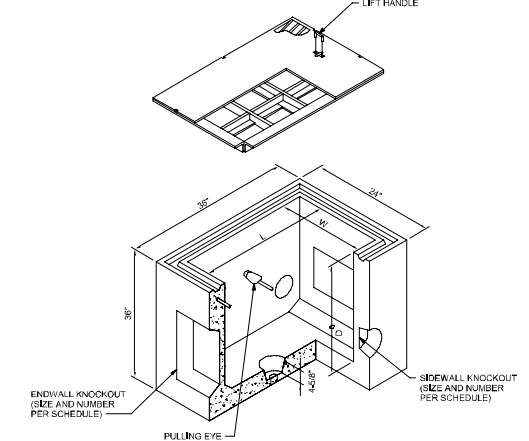
5 SITE LIGHTING CONTROLS
 SCALE: NTS



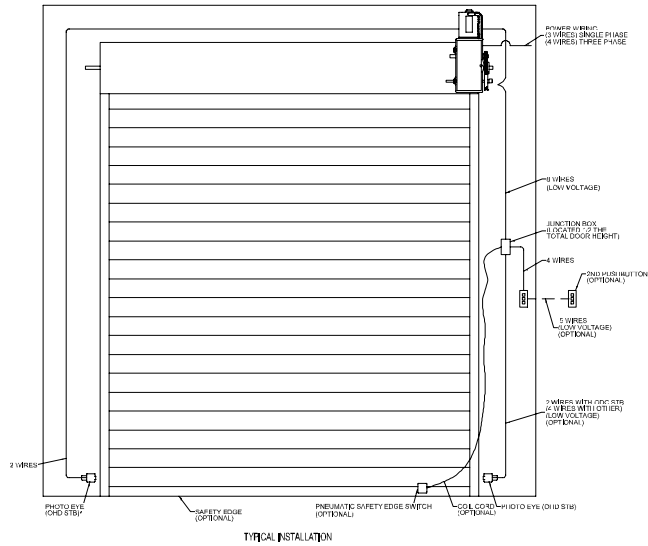
1 DIRECT BURY DETAIL
 SCALE: NTS



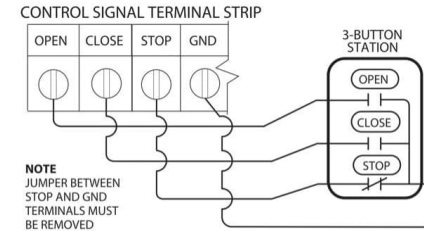
2 DUCT BANK DETAIL
 SCALE: NTS



3 PULLBOX DETAIL
 SCALE: NTS



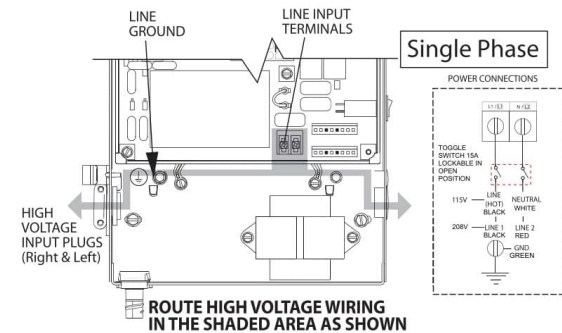
3 OVERHEAD DOOR ELECTRICAL CONNECTION DETAIL
 E501 SCALE: NTS



WALL CONTROLS MUST BE LOCATED SO THAT THE DOOR IS WITHIN SIGHT OF THE USER AND IS FAR ENOUGH FROM THE DOOR OR POSITIONED SUCH THAT THE USER IS PREVENTED FROM COMING IN CONTACT WITH THE DOOR WHILE OPERATING CONTROLS.

TERMINAL	WIRE	FUNCTION	CONNECTOR TYPE
Terminal Block 1	OPEN	Causes Door to Open From Closed Position. Closing Door to Inhibit.	Normally Open Dry Contact (NO)
Terminal Block 2	CLOSE	Causes Door to Close From Open Position.	Normally Open Dry Contact (NO)
Terminal Block 3	STOP	Causes Inoperative Motor to Stop. Prevents the operator from continuing.	Normally Open Dry Contact (NO)
Terminal Block 4	GND	Common ground connection for Open, Close, Stop & Stop inputs.	Normally Closed Dry Contact (NC)

1 OVERHEAD DOOR OPERATOR PUSH BUTTON DETAIL
 E501 SCALE: NTS



2 OVERHEAD DOOR OPERATOR MOTOR DETAIL
 E501 SCALE: NTS

EXHIBITS

- NGDV CHECKLIST
- CIVIL AUTO-TURN - NGDV
- CIVIL AUTO-TURN - FIRETRUCK
- UNITED STATES POSTAL SERVICE - FACILITIES FORM ECC-EZ
- LIGHTING CALCULATIONS
- EMERGENCY LIGHTING CALCULATIONS
- PHOTOS



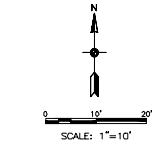
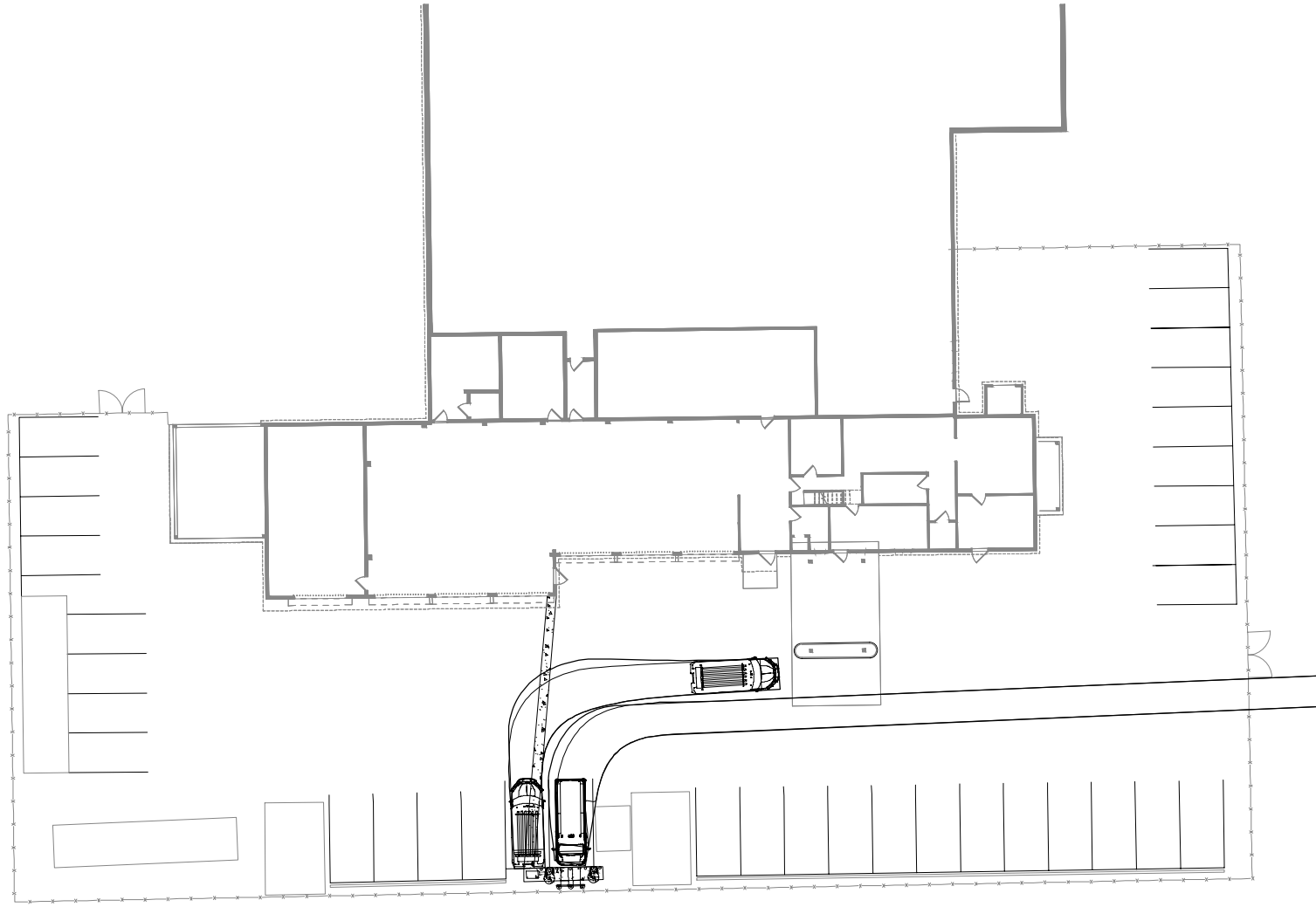
Design Checklist

Facility Name: **548330-005-984-TACOMA VMF**
 City, State, Zip: **TACOMA, WA, 98409**
 Project Phase: **90% Design**
 Reviewer (Individual/Firm Names): **WSP**
 Telephone Number: **314-206-4444**
 Date: **01/26/24**

NOTES:

- This checklist shall be utilized for the design and construction of facilities being modified due to the installation of charging stations.
- Design/Build entity shall submit completed checklist with each design submission. Solicitation A/E to review list submitted and return as part of the design review with comments or corrections. The design A/E for Design-Bid-Build projects shall submit completed checklist with each design submission.
- Items identified with an asterisk (*) are high priority in the early preliminary design review stages.

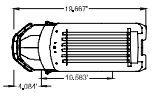
Item No.	✓	Priority	Item	Comment
1	✓	*	Parking stall sizes meet dimensional requirements.	
2	N/A	*	Employees have a direct and safe walking route from exiting vestibule to vehicle parking space.	N/A for VMF program
3	N/A	*	Carriers loading area meets dimensional requirements.	N/A for VMF program
4	✓	*	Protection bollards for charging station meets design requirements.	Refer to Standard Detail.
5	N/A	*	Dock height requirements have been met for vehicles backing and loading from rear.	Refer to manual for vehicle type requirements (NGDV, COTS)
6	✓	*	Vehicles are placed closest to operational areas.	
7	✓	*	Vehicle minimum aisle drive width meets requirements.	
8	✓	*	Vehicle counts, vehicle type and charging station requirements have been included in chart as required.	
9	✓	*	Prioritize dual port chargers over single port chargers, if applicable to supplier.	N/A for VMF program
10	✓	*	Prioritize shared circuit over independent wiring, if applicable to supplier.	N/A for VMF program
11	✓	*	Maintain 9.6 kW charging minimum applied per charge port (11.5 kW charger run at 208 V)	Refer to Electrical Infrastructure Design Requirements
12	✓	*	Identification of which 208 V or 240 V system is included	
13	✓	*	Design is based on most cost-effective system meeting all design requirements.	Considerations for part availability and lead times including electrical infrastructure such as transformers, distribution panels, and other equipment can be included in decision making if annotated and communicated.
14	N/A	*	Contingency factor has been included as required.	N/A for VMF program
15	✓	*	Prioritization to single supplier at each site.	Set for VMF program
16	✓	*	Prioritization to single supplier's kit at each site.	Set for VMF program
17	N/A	*	Phasing plan has been developed to support deployment of vehicles using existing building power. COTS BEV vehicles should be prioritized in the phasing plan.	N/A for VMF program
18	N/A	*	Separate utility integrated power meter has been included in the design to support electric vehicles.	
19	✓	*	Compliance has been met for labeling standards for parking spots, EVSE equipment and circuit labeling.	
20	✓	*	Required schedules have been included.	Refer to "Additional Standard Detail Requirements".
21	N/A	*	Approval has been given by USPS Project Manager and/or Operational team for any deviation to standards prior to EV parking lot design reviews.	
22	N/A	*	Traffic flow arrows are depicted on the drawing.	



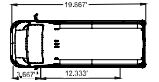
- LEGEND**
- EXISTING BUILDING
 - EXISTING PAINT STRIPING
 - EXISTING FENCE
 - EXISTING LIGHT POST
 - EXISTING CURB INLET
 - EXISTING MANHOLE
 - EXISTING TREE
 - EXISTING HATCHING PAVEMENT (STRIPING)
 - EXISTING GRASS AREA
 - NGDV PATH
 - COTS PATH
 - PROPOSED PAINT STRIPING
 - PROPOSED CONCRETE RESTORATION

- NOTES:**
1. NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT AND BOUNDARY LINES ARE DERIVED ON THIS DATABASE.
 2. A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. ANY UTILITIES SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION. (UNDESIRABLE STORM AND SEWER CONNECTIONS WERE EXCLUDED FROM THE SCOPE OF SURVEY AND ARE NOT SHOWN HEREON).
 3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA. CONTRACTOR TO ESTABLISH BEARINGS AND COORDINATES SHOWN HEREON BY ANY AND BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983.
 4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) (GEOID 128).
 5. NOT FOR CONSTRUCTION, FOR TRAFFIC FLOW SUPPORT ONLY.

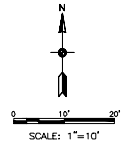
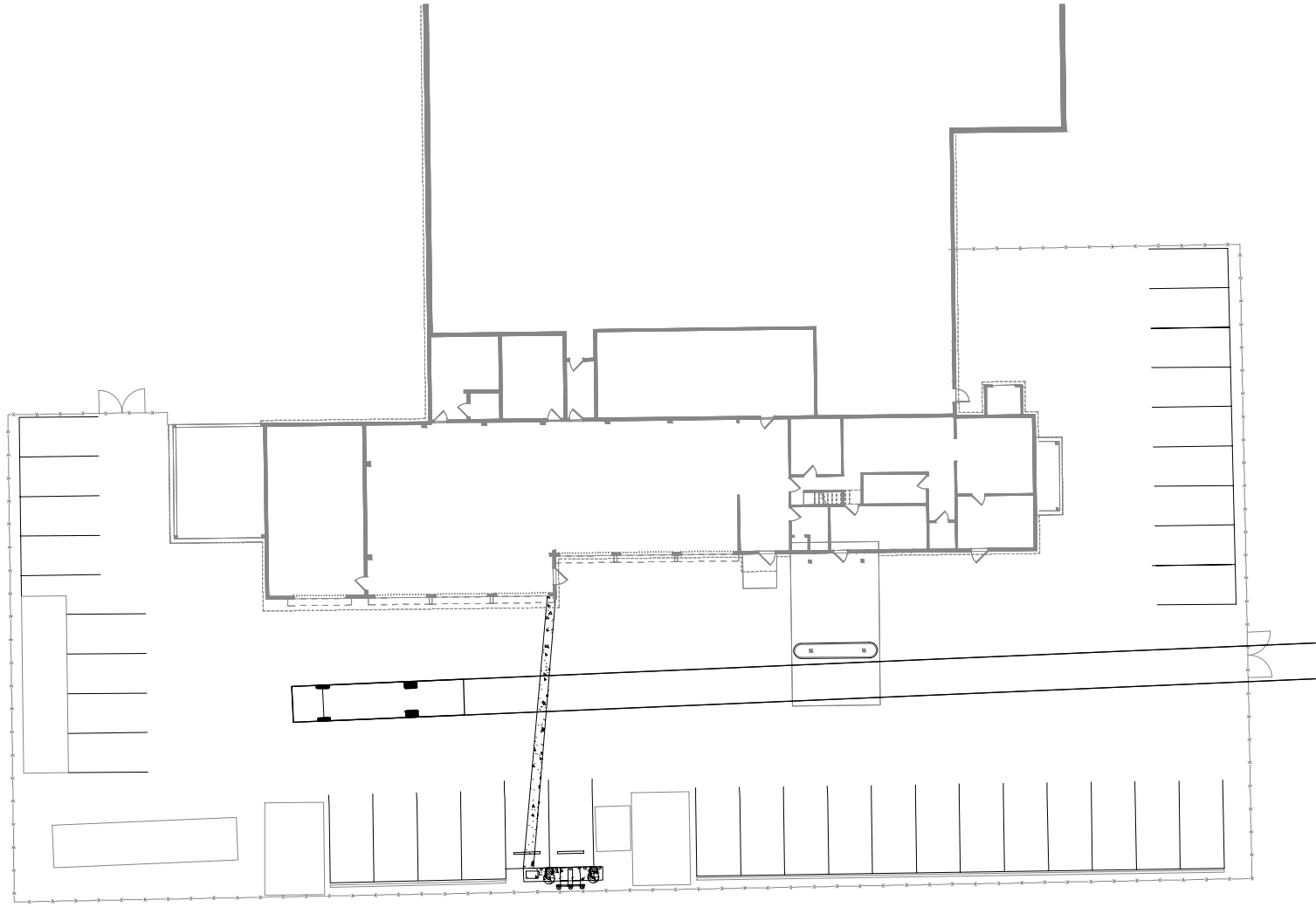
VEHICLE PROFILE



NGDV		19.667 FT	
OVERALL LENGTH	19.667 FT	OVERALL LENGTH	19.667 FT
OVERALL WIDTH	4.264 FT	OVERALL WIDTH	4.264 FT
OVERALL BODY HEIGHT	10.567 FT	OVERALL BODY HEIGHT	10.567 FT
CURB TO CURB TURNING RADIUS	22.000 FT	CURB TO CURB TURNING RADIUS	22.000 FT



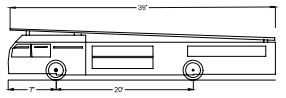
COTS		19.667 FT	
OVERALL LENGTH	19.667 FT	OVERALL LENGTH	19.667 FT
OVERALL WIDTH	4.264 FT	OVERALL WIDTH	4.264 FT
OVERALL BODY HEIGHT	12.233 FT	OVERALL BODY HEIGHT	12.233 FT
CURB TO CURB TURNING RADIUS	22.000 FT	CURB TO CURB TURNING RADIUS	22.000 FT



- LEGEND**
- EXISTING GRASS AREA
 - EXISTING BUILDING
 - EXISTING PAINT STRIPING
 - EXISTING FENCE
 - EXISTING GATE
 - EXISTING BOLLARD
 - EXISTING AC UNIT
 - EXISTING TRAFFIC FLOW
 - EXISTING HANDICAP SYMBOL
 - EXISTING TREE
 - PROPOSED PAINT STRIPING
 - PROPOSED PAVEMENT RESTORATION
 - FIRE TRUCK PATH

- NOTES:**
1. NO TITLE SEARCH OR PROPERTY BOUNDARY SURVEY WAS COMPLETED FOR THIS PROJECT AND BOUNDARY LINES ARE DERIVED ON THIS DATABASE.
 2. A SUBSURFACE UTILITY INVESTIGATION HAS NOT BEEN PERFORMED BY WSP. ANY UTILITIES SHOULD BE CONTACTED PRIOR TO COMMENCING ANY EXCAVATION, BELOW-GRADE STORM AND SEWER CONNECTIONS WERE EXCLUDED FROM THE SCOPE OF SRINCEP AND AHP NOT SHOWN HEREON.
 3. COORDINATES SHOWN BASED ON PUBLICLY AVAILABLE DATA, CONTRACTOR TO ESTABLISH BEARINGS AND COORDINATES SHOWN HEREON BY AHP ARE BASED ON THE WASHINGTON STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NORTH AMERICAN DATUM OF 1983.
 4. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) (SEE D 128).
 5. NOT FOR CONSTRUCTION, FOR TRAFFIC FLOW SUPPORT ONLY.

VEHICLE PROFILE



AERIAL FIRE TRUCK

OVERALL LENGTH	26.00 FT
OVERALL WIDTH	6.40 FT
OVERALL BODY HEIGHT	7.00 FT
MINIMUM BODY GROUND CLEARANCE	6.75 FT
TRUCK WIDTH	6.15 FT
LOCK-TO-LOCK TURN	500 S
MAXIMUM WHEEL ANGLE	45.0°



United States Postal Service – Facilities Form ECC-EZ

Energy Compliance Certification for Low to Moderate Energy-Impact R&A Projects

Use this form ECC-EZ to certify compliance to USPS energy standards for all projects that cost from \$5000 to \$1 million and have low/moderate energy impact. Upload completed form to the project's eFMS Energy Work Summary prior to construction award. Do NOT use this form ECC-EZ for projects that have high energy impact (including new space) and therefore require form ECC-S instead, such as:

- Any addition and/or deletion to conditioned sf
- Central plant (chiller/ boiler/air handler) in building ≥ 20k sf
- Comprehensive HVAC in building ≥ 20k sf
- Comprehensive lighting in building ≥ 20k sf
- Other significant energy impact (contact Facilities HQ Energy & Sustainability Program Management (ESPM) Group for guidance)
- Roof replacement in building ≥ 40k sf
- Compressed air systems / components for mail processing
- Major energy-impacting project in building ≥ 75k sf
- Project cost ≥ \$1 million

PROJECT TYPE

Which of these apply to your project? (check all that apply):

- HVAC hardware (e.g., DX unit, pump, ductwork)
- HVAC controls (e.g., thermostat, DDC, actuator)
- Lighting and/or lighting control
- Building envelope (e.g., window, roof, wall, door, dock seal): specify _____
- Other (contact Facilities HQ ESPM Group for guidance): specify _____

- Chiller Boiler Air handler
- Air compressor to support mechanization
- Water heater

BASIC FACILITY AND PROJECT DATA

Project Manager Carolyn Heckert Project or FSSP # 548330-005
 Site name 984 - TACOMA VMF Site Finance ID E10234
 Street address 3825 S WARNER ST District PACIFIC
 City, State, ZIP TACOMA, WA 98409 Area _____
 Project Description VMF Interior work area lighting upgrade
 Estimated \$ _____ Scheduled construction completion date _____

“BEFORE” AND “AFTER” EQUIPMENT (NAMEPLATE) DATA

<input type="checkbox"/> HVAC	OLD: _____	age: _____	Efficiency/lage _____	Refrigerant & Energy SavingsKWH _____
	NEW: _____	efficiency: _____		
<input checked="" type="checkbox"/> Lighting	OLD: _____	Quantity _____	Avg foot candles _____	Other(kwh/yr saved by Installing new fixtures) _____
	NEW: _____	45 Approx _____	25 _____	11,250 kwh approx. for Service Bay
	LED fixture type W3 _____	20 _____	50 _____	7,215 kwh/yr saved for Service Bay - higher brightness
<input type="checkbox"/> Roof	OLD: _____	Type/Material _____	Roof Size (sf) _____	Insulation R-Value _____
	NEW: _____			Other (BTU/yr savings) _____
Is the new roof Energy Star qualified? <input type="checkbox"/> NO <input type="checkbox"/> YES				
<input type="checkbox"/> Other	OLD: _____	_____		
	NEW: _____	_____		

COMPLIANCE TO STANDARDS

Which of these statements applies to this project? This project complies with all USPS Standard Design Criteria (SDC).
 A deviation from USPS Standard Design Criteria (SDC) is authorized for this project.

fixtures specified based on lead time/schedule

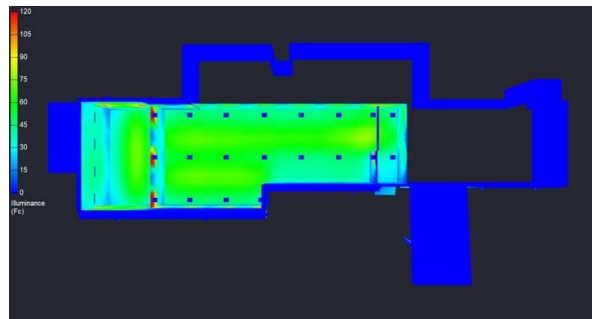
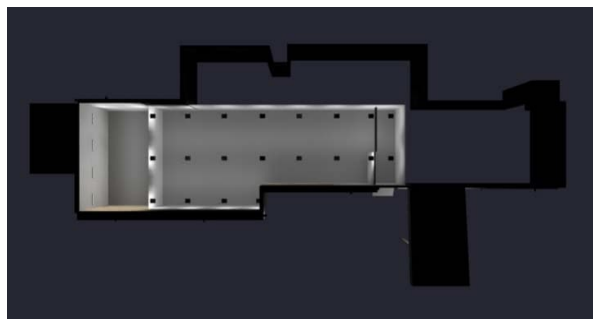
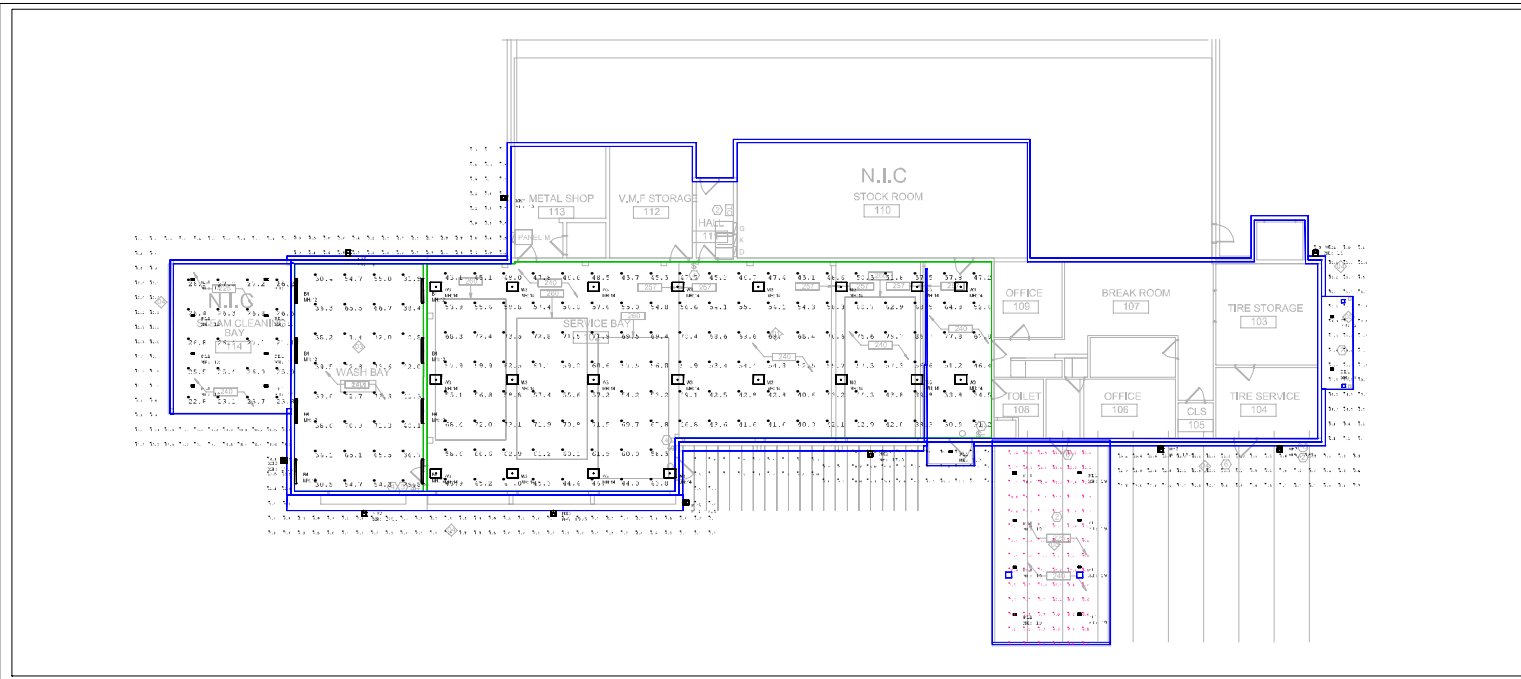
PROJECT MANAGER CERTIFICATION

Name _____ Date _____
 Signature _____ Date _____

TEAM LEADER APPROVAL

Name _____
 Signature _____ Date _____

Upload completed form in PDF format to the project's eFMS Energy Work Summary prior to construction award. More information may be requested at the discretion of Facilities HQ Energy & Sustainability Program Management Group.



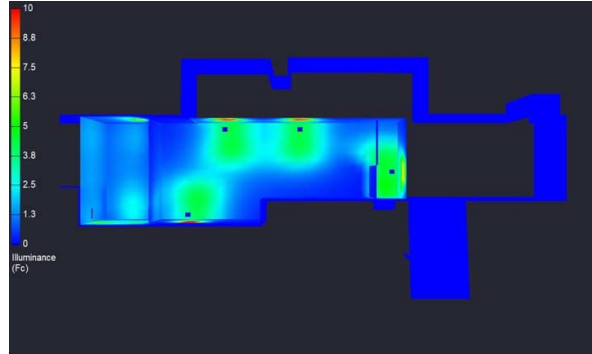
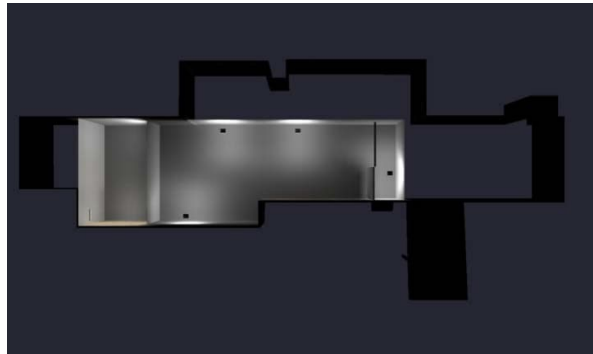
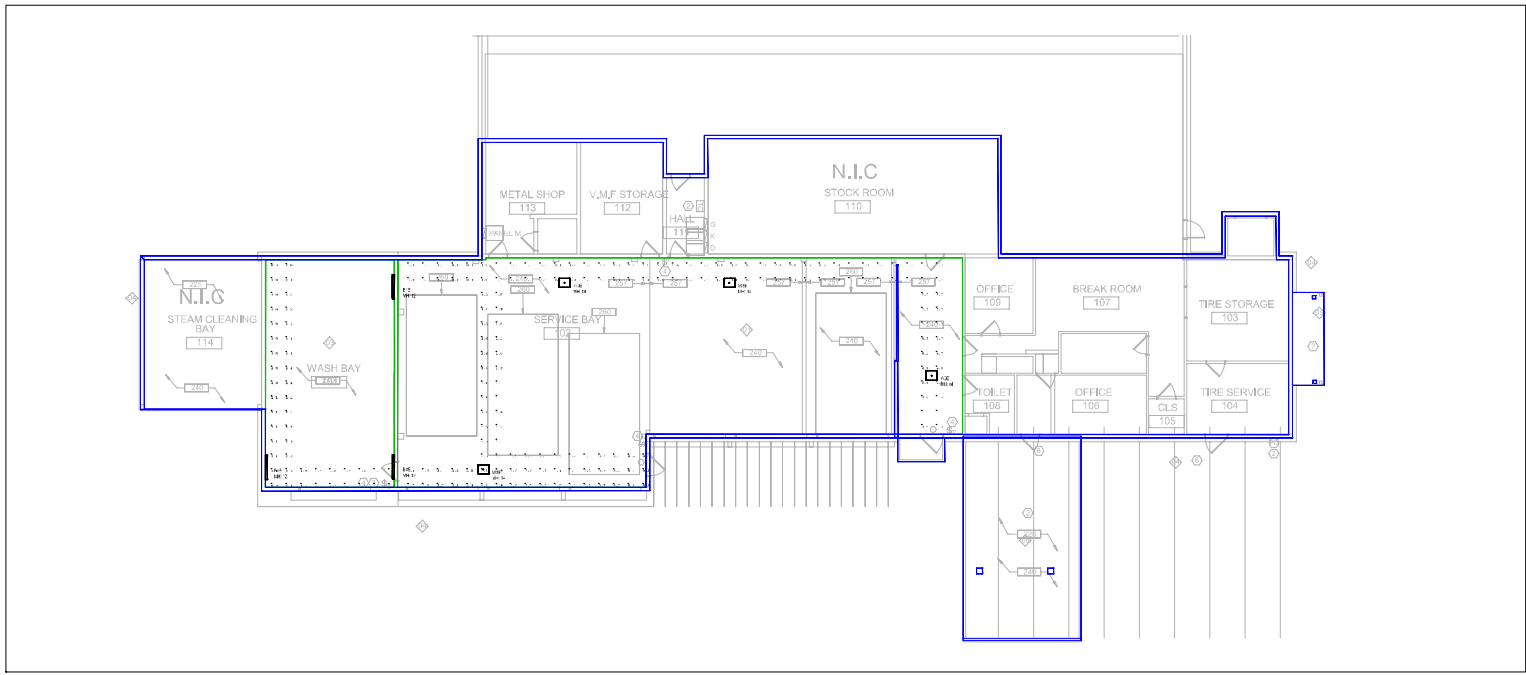
Tag	Symbol	Qty	Label	Description	Lum. Watts	Lum. Lumens	LLF	Fixture Name
B4		8	B4_PEX148 1800LM PROJ. 40K 41	PEX148 1800LM PROJ. 40K 40K 80CR DW-RXD	12184	17339	0.800	B4_PEX148 1800LM PROJ. 40K 40K 80CR DW-RXD.es
W3		18	W3_PLL1 DSASCLD 30C 530 40K 150	W3_PLL1 DSASCLD 30C 530 40K 150 VOLT	2517	3253	0.800	W3_PLL1 DSASCLD 30C 530 40K 150 VOLT.es
W3		20	W3_XB L24 1500LM ATWD 40K	XB L24 1500LM ATWD 40K 80CR	9722	14861	0.800	W3_XB L24 1500LM ATWD 40K 80CR.es

Label	Calc. Type	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z (Grids)	Plane Height	Target Light Level
Canopy Extension_East	Illuminance	Fc	16.05	26.2	2.3	9.24	10.07	0		
Canopy Extension_South east	Illuminance	Fc	8.30	13.6	2.7	5.41	5.04	0		
Canopy South	Illuminance	Fc	15.40	26.4	6.6	7.35	3.69	0		
Main Canopy South	Illuminance	Fc	11.18	17.7	4.4	2.54	4.02	0		
North west Extension	Illuminance	Fc	3.38	6.6	1.3	1.72	3.42	0		
SERVICE BAY_102_Workplane	Illuminance	Fc	35.44	66.7	30.9	1.76	2.81	1		
South Extension	Illuminance	Fc	3.69	9.8	1.5	2.36	6.53	0		
Steam Cleaning Bay	Illuminance	Fc	25.83	27.2	2.68	1.13	1.19	0		
WASH BAY_104_Workplane	Illuminance	Fc	51.25	73.6	25.8	1.23	2.47	1		
West Extension	Illuminance	Fc	12.20	26.8	5.3	2.52	3.82	0		

- NOTES
1. ILLUMINANCE CALCULATIONS ARE BASED ON PUBLISHED CALCULATION METHODS AND ARE FOR REFERENCE ONLY. FIELD MEASURED RESULTS MAY DIFFER FROM CALCULATED RESULTS AND ARE DEPENDANT ON A VARIETY OF FACTORS INCLUDING, BUT NOT LIMITED TO: THE FOLLOWING: MANUFACTURER'S PHOTOMETRY DATA, LINE VOLTAGE, LUMINAIRE PERFORMANCE, TEMPERATURE, AND ACTUAL CONDITION OF FINISHES AND ENVIRONMENT.
 2. REFLECTANCE ASSUMPTIONS:
 CEILING REFLECTANCE = 40%
 WALL REFLECTANCE = 50%
 FLOOR REFLECTANCE = 14%
 3. CEILING HEIGHT IS 20'-03" AFF
 4. ILL. LLF CALCULATED BASED ON LINEAR INTERPOLATION TO 50,000 HOURS FROM MANUFACTURERS REPORTED LIFE.

Revisions	1	Issued	NOTES

Drawn By:
 Created By:
 Date: 2/20/2024
 Scale:



Tag	Symbol	Qty	Label	Description	Lum. Watts	Lum. Lumens	LLF	Filename
B4F		3	B4 FFX L48 18X0.0LM PFC0 MD 40K	PEX L48 18X0.0LM PFC0 MD 40K 80CRI DW/HD	121.84	17339	0.774	B4 FFX L48 18X0.0LM PFC0 MD 40K 80CRI DW/HD.es
W3C		2	W3 FFX L24 15X0.0LM AT/VD 40K	XPS L24 15X0.0LM AT/VD 40K 80CRI	37.28	14861	0.185	W3 FFX L24 15X0.0LM AT/VD 40K 80CRI.es

Label	Calc. Type	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z (Ceiling Plane Height)	Target Light Level
Egress Bay_Egress Path	Illuminance	Fc	2.45	5.2	0.3	8.77	17.23	0	
Wash Bay_Egress Path	Illuminance	Fc	1.32	2.6	0.3	7.47	2.99	0	

- NOTES
1. ILLUMINANCE CALCULATIONS ARE BASED ON PUBLISHED CALCULATION METHODS AND ARE FOR REFERENCE ONLY. FIELD MEASURED RESULTS MAY DIFFER FROM CALCULATED RESULTS AND ARE DEPENDANT ON A VARIETY OF FACTORS INCLUDING, BUT NOT LIMITED TO: THE FOLLOWING MANUFACTURER'S PHOTOMETRY DATA, LINE VOLTAGE, LUMINAIRE PERFORMANCE, TEMPERATURE, AND ACTUAL CONDITION OF FINISHES AND ENVIRONMENT.
 2. REFLECTANCE ASSUMPTIONS:
 CEILING REFLECTANCE = 40%
 WALL REFLECTANCE = 50%
 FLOOR REFLECTANCE = 14%
 3. CEILING HEIGHT IS 20'-03" AFF
 4. LLF CALCULATED BASED ON LINEAR INTERPOLATION TO 30,000 HOURS FROM MANUFACTURERS REPORTED LIFE.

Rev	Notes
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Revisions

Drawn By: _____
 Checked By: _____
 Date: 7/20/2024
 Scale: _____



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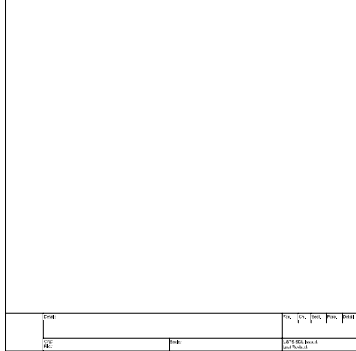
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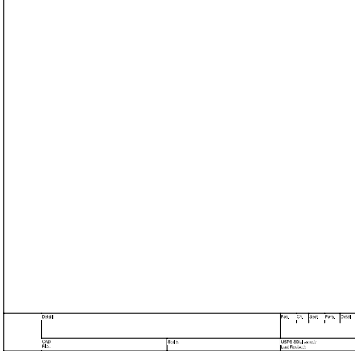
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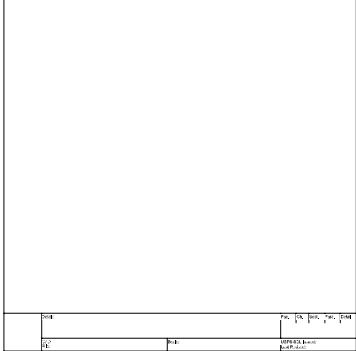
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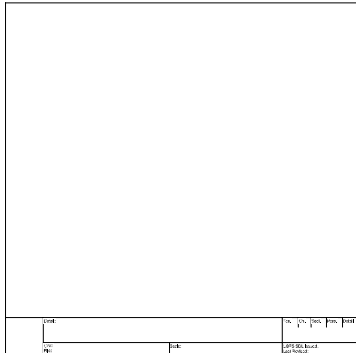
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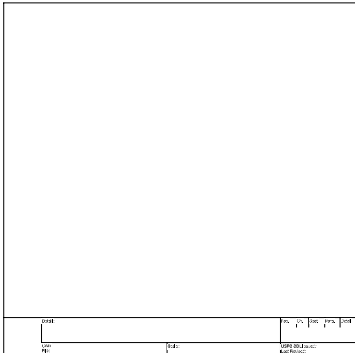
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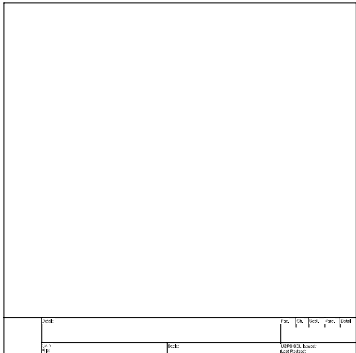
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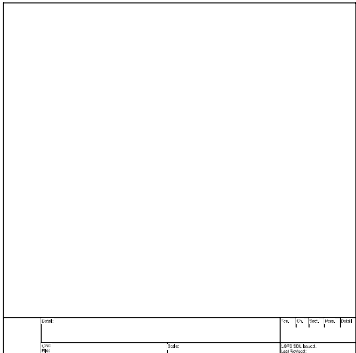
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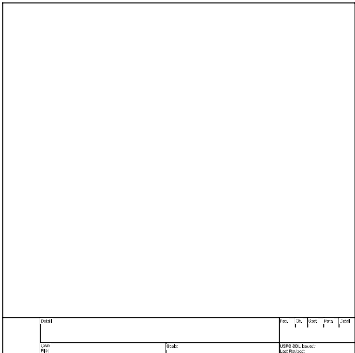
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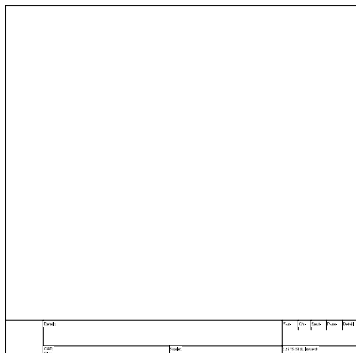
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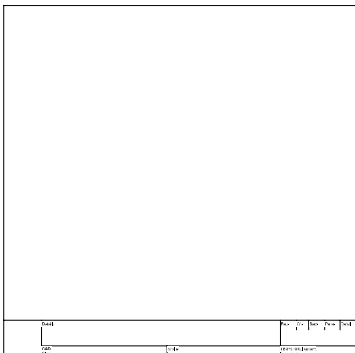
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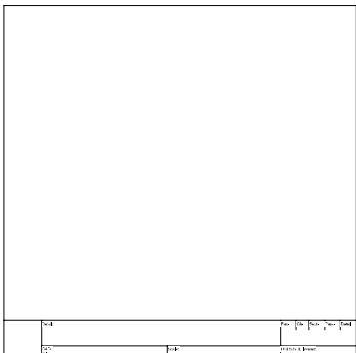
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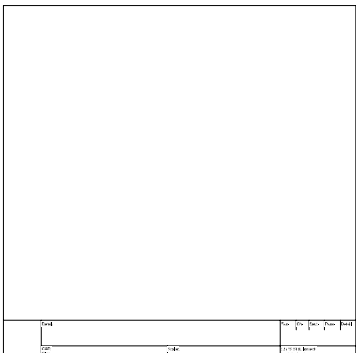
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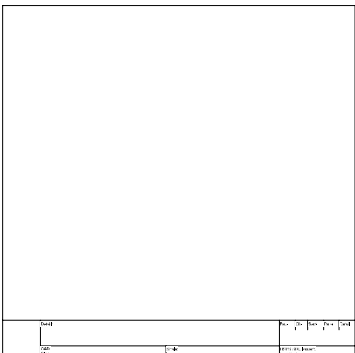
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