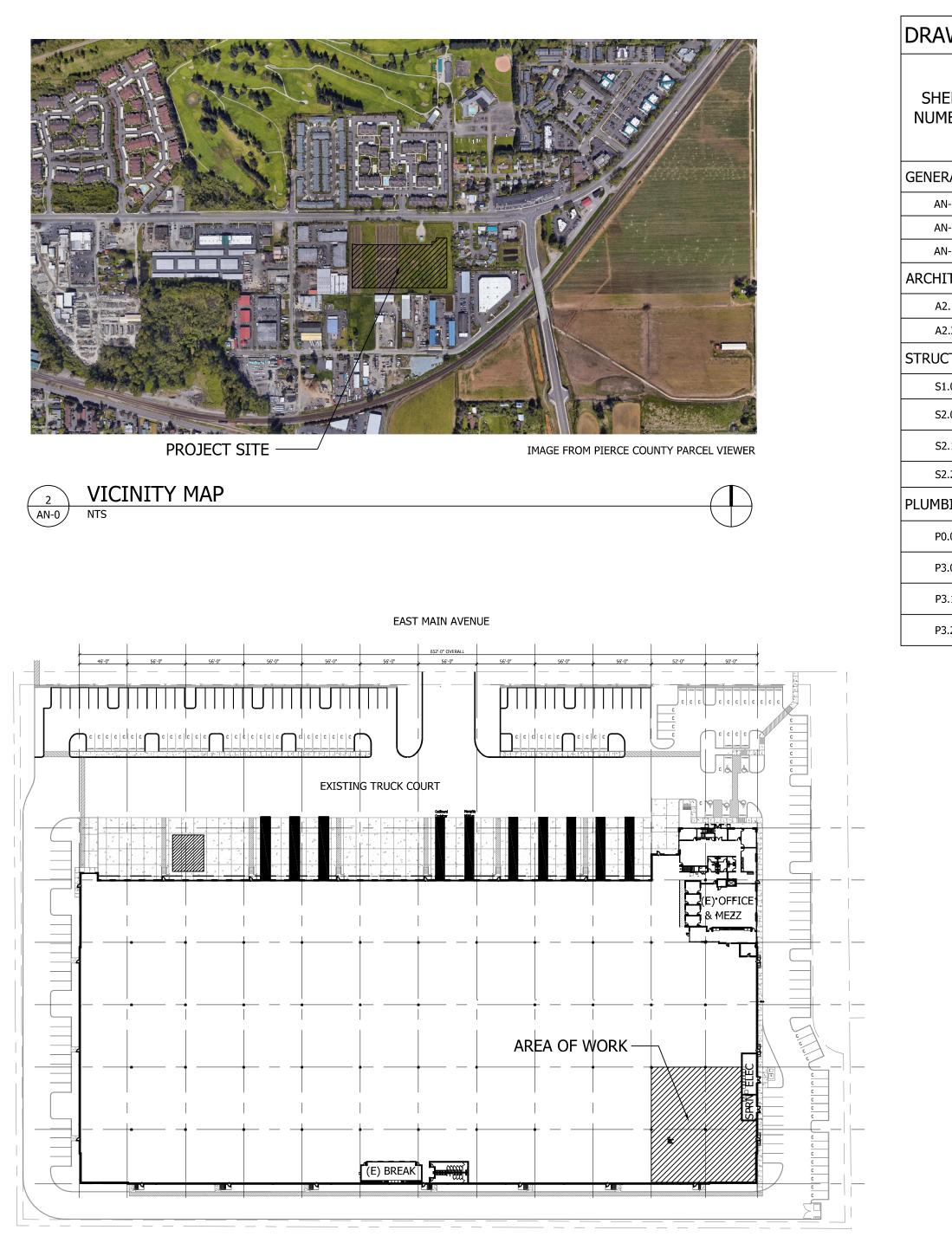
RED DOT CORPORATION RED DOT SHOP TI - TEST LAB AREA PERMIT 2504 EAST MAIN AVENUE PUYALLUP, WA 98372







WIN	WING INDEX					
EET 1BER	SHEET TITLE	SHEET ISSUE DATE	REVISION ISSUE DATE	DRAWING REVISION NUMBER		
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N-1	LIFE SAFETY PLAN	8/23/2024				
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1.0	OVERALL FOUNDATION PLAN	8/23/2024				
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2.1	2.1 ENVIRONMENTAL CHAMBER STRUCTURAL DETAILS					
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PROJECT DIRECTORY

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APPLICABLE CODES

2021 INTERNATIONAL BUILDING CODE (IBC)

2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)

2021 INTERNATIONAL FIRE CODE (IFC)

2021 UNIFORM PLUMBING CODE (UPC)

2021 INTERNATIONAL MECHANICAL CODE (IMC)

2021 INTERNATIONAL FUEL GAS CODE (IFGC)

2020 NATIONAL ELECTRICAL CODE (NEC)

2021 WASHINGTON STATE ENERGY CODE

2021 WASHINGTON STATE AMENDMENTS 2017 ICC/ANSI A117.1 - ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

PARKING REQUIREMENTS FOR REFERENCE ONLY

	TOTAL (SF)	RATIO	STALLS REQ'D	ADA STALLS REQ'D	STALLS PROVIDED	
MANUFACTURE/BREAK	19,340	1/500	39			
OFFICE NEW & EXIST	15,064	1/300	51			ſ
TESTING/PROTOTYPE	14,511	1/1,000	15			ſ
STORAGE/CIRCULATION	151,774	1/3,000	51			
TOTAL	200,689		156	6	190	ſ

Does the change of use in the proposed area of work from open storage mechanical equipment to a test lab area with office space change the amount of employees for this use as well as square footage of each use?

The provided parking requirements table has not changed since the civil construction permit from 2023 (PRCTI20230447). Please update the table to be accurate with the proposed square footage per use and parking required and provided.

Providing a floor plan that color codes the areas based on use (office (new&existing), testing/prototype, storage/circulation, manufacturing) as well as providing the existing parking count will assist staff in determining if parking requirements are being met. [construction plan set, AN-0]



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APPROVED BY:	
AIT NOVED DI.	Initials
	Date

BUILDING INFORMATION SITE ADDRESS: 2504 EAST MAIN AVENUE PUYALLUP, WA 98372 0420264065 PARCEL NUMBER: LEGAL DESCRIPTION SECTION 26 TOWNSHIP 20 RANGE 04 QUARTER 31 LOT COMB 2020-09-17-0229 BEG AT NE COR OF ACKERSONS 2ND ADD ON E LI OF R. NIX DLC TH N 88 DEG 50 MIN 04 SEC W 800 FT TH N 00 DEC MIN 31 SEC E 532.66 FT TH S 89 DEG 01 MIN 50 SEC E 799.95 T TH S 00 DEG 30 MIN 22 SEC W 535.4 FT TO POB EASE OF REC COMB OF 04-20-26-3-700 & 4-038 SEG 2021-0156 JP 09/30/20 JP ZONING: ML LIMITED MANUFACTURING CONSTRUCTION TYPE: IIIB FIRE PROTECTION: FULLY SPRINKLERED BUILDING TOTAL FLOOR AREA: 198,146 SF OCCUPANCY TYPE: F-1 (MANUFACTURING) / B (OFFICE) PROPOSED SUITE AREA: 4,297 SF OFFICE (NEW) (B) 4,829 SF MEZZANINE OFFICE (NEW) (B) 3,220 SF OFFICE (EXISTING) (B) 2,718 SF MEZZANINE OFFICE (EXISTING) (B) 185,625 SF MANUFACTURING (F-1) (10,292 SF TEST LAB AREA) 200,689 SF TOTAI **PROJECT DESCRIPTION** INSTALLATION OF PRE-MANUFACTURED VEHICLE ENVIRONMENTAL CHAMBER, RE-LOCATED EXISTING MEZZANINE PLATFORM STRUCTURE, NON-POTABLE WATER AND GAS LINES, SUMP PUMPS AND BOOSTER PUMP. LIGHTING REQUIREMENTS EXISTING LIGHTING UNCHANGED FOR THIS PERMIT **ENERGY REQUIREMENTS** FOR REFERENCE ONLY EXISTING WORK MEETS OR EXCEEDS WA STATE ENERGY REQUIREMENTS PER 2015 WSEC. SHELL IS A SEMI-HEATED BUILDING AS DEFINED BY THE 2015 WASHINGTON STATE ENERGY CODE. WAREHOUSE SPACE TO BE HEATED BY GAS FIRED UNIT HEATERS WITH A MAXIMUM OUTPUT OF 8 BTUH/SF; COOLING IS NOT PROVIDED. OFFICE SPACE IS FULLY CONDITIONED. NEW DEMISING WALL BETWEEN CONDITIONED / SEMI-CONDITIONED SPACES MEETS WSEC PRESCRIPTIVE STANDARD. ROOF: CALCULATED RIGID INSULATION VALUE: R-35, CONTINUOUS ABOVE DECK. SLAB INSULATION IS EXCLUDED. **EXISTING BUILDING ENERGY CODE COMPLIANCE** FOR REFERENCE ONLY THE EXISTING BUILDING IS SEMI-HEATED WAREHOUSE DESIGNED AND APPROVED PER THE 2015 WASHINGTON STATE ENERGY CODE. TENANT IMPROVEMENTS INCLUDE FULL CONDITIONING OF OFFICE AREAS AND REMOTE WAREHOUSE BREAKROOM AND RESTROOM AREAS IN COMPLIANCE WITH THE 2018 WASHINGTON STATE ENERGY CODE, COMMERCIAL PROVISIONS, USING THE COMPONENT PERFORMANCE APPROACH. SEE ENVELOPE SUMMARY ON ENERGY CODE COMPLIANCE SHEET AN-4 FOR ADDITIONAL INFORMATION. **HEATING:** OFFICE AREAS HEATED BY FORCED AIR HVAC SYSTEM BY DESIGN BUILD CONTRACTOR (DEFFERED SUBMITTAL)

EXISTING RIGID INSULATION VALUE: R-35,

CONTINUOUS ABOVE DECK

ROOF INSULATION:

ADA STALLS

PROVIDED

5

WALLS TO 12'-0" AFF: R=21, U=0.090 WALLS TO 12'-0" AFF TO ROOF: R=25, U=0.038 SLAB ON GRADE: NO INSULATION HM MAN DOORS: U= 0.37 MAX **ROLL-UP DOORS:** MIN R= 17.5, U= 0.057 **VERTICAL FENESTRATION, FIXED:** U= 0.38 MAX, SHGC= 0.40 MAX **STOREFRONT ENTRANCES:** U= 0.60 MAX, SHGC= 0.40 MAX SKYLIGHTS: U= 0.50 , SHGC= 0.35

PRCTI20241500



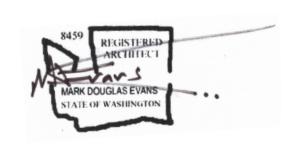
RED DOT CORPORATION 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI TEST LAB AREA

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description: No: PERMIT SUBMITTAL PERMIT RESUBMITTAL PERMIT RESUBMITTAL 2 MANUFACTURING PERMIT MANUFACTURING RESUBMIT TEST LAB AREA PERMIT

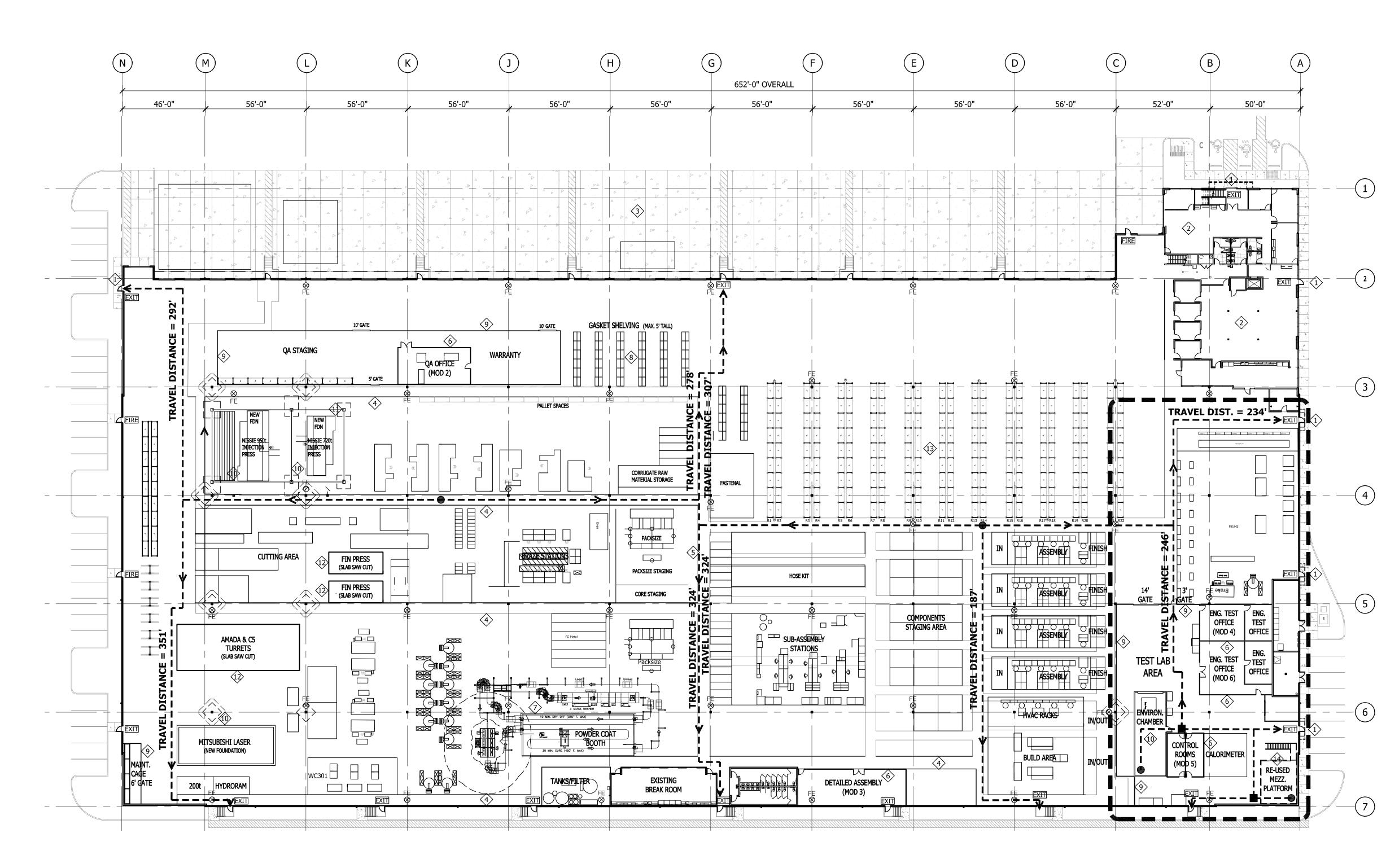
12/22/2022 02/03/2023 02/17/2023 04/06/2023 04/26/2023 08/23/2024



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GENERAL INFORMATION & SITE PLAN





LIFE SAFETY PLAN

GENERAL NOTES

3. FULLY SPRINKLERED

- 1. GC TO PROVIDE REQUIRED PORTABLE FIRE EXTINGUISHERS IN OCCUPANCIES AND LOCATIONS AS REQUIRED PER SECTION 906 IN THE INTERNATIONAL FIRE CODE. MOUNTING HEIGHTS TO MEET THE PROVISIONS OF ANSI A117.1 - 308 (48" MAX). CABINET SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, CORRIDORS, PASSAGEWAYS, OR AISLES. LOCATE CABINET(S) 75-FOOT MAXIMUM TRAVEL DISTANCE TO REACH THE EXTINGUISHER, (1) 2A EXTINGUISHER TO COVER MAXIMUM FLOOR AREA OF 3,000 SF. LOCATIONS TO
- BE REVIEWED WITH OWNER AND ARCHITECT PRIOR TO INSTALLATION.CENTER LOCATION OF NEW WALL CONSTRUCTION ON EXISTING COLUMNS, PIER, JOISTS OR WINDOW MULLION, AS SHOWN.

EGRESS CODE SUMMARY

- A. MAX. TRAVEL DISTANCE B OCCUPANCY: 300' W/ SPRINKLERS (TABLE 1017.2) MAX. TRAVEL DISTANCE F-1 AND S-1 OCCUPANCY: 400' (SEC 1017.2.2)
 1. ONE STORY HEIGHT (YES SEE 4/A8.1)
 2. 24' MIN. CLEAR HEIGHT (32' PROVIDED)
- MAX. COMMON PATH OF EGRESS TRAVEL: 100' (TABLE 1006.2.1)
 MAX. COMMON PATH OF EGRESS TRAVEL: 75' (>30 OL WITHOUT SPRINKLERS) (TABLE 1006.2.1)

OCCUPANT LOAD:

(IBC 1004.1 TABLE 1004.1.2)	
ASSEMBLY (SHOP BREAKROOM) - A-2 (NEW)	1,160 SQ FT / 15 = 78
ASSEMBLY (CONFERENCE, BREAKROOM) - B (NEW)	1,146 SQ FT / 15 = 77
1ST FLOOR OFFICE - B (NEW)	3,551 SQ FT / 150 = 24
MEZZANINE OFFICE - B (NEW)	4,429 SQ FT / 150 = 30
OFFICE - B (EXISTING)	5,938 SQ FT / 150 = 40
MANUFACTURING & TESTING - F-1 (NEW)	32,691 SQ FT / 200 = 164
TEMPORARY STORAGE & CIRCULATION - F-1 (NEW)	151,774 SQ FT / 500 = 304
TOTAL	200,689 SQ FT = 717

EXIT REQUIREMENTS:

EXIT (EXIT)

FIRE

 \otimes

	100(2.1)					
IBC 1006 TABLE 1006.2.1 &	•	NUMBER PROVIDED				
OFFICE	2	2				
WAREHOUSE	2	6				
LEGEND						

EXISTING PARTITION TO REMAIN

NEW PARTITION

INTERNALLY ILLUMINATED EXIT SIGNAGE W/ BATTERY BACKUP PER IBC SECTION 1013, CONFIRM OPERATION OF EXISTING. ADD NEW WHERE NOT EXISTING. ARROW = DIRECTION INDICATOR, IF REQUIRED. PROVIDE TACTILE EXIT SIGN ADJACENT TO EACH EXIT DISCHARGE DOOR COMPLYING WITH ICC A117.1, AS SUMMARIZED ON 703/AN-3. ADD NEW WHERE NOT EXISTING.

NOTE: EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR IS MORE THAN 100' OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS.

EXISTING FIRE DEPARTMENT ACCESS DOOR PROVIDED AT INTERVALS LESS THAN 100' SPACING AROUND PERIMETER OF BUILDING

SURFACE MOUNTED FIRE EXTINGUISHER

- DIRECTION OF TRAVEL

/--- PATH OF EGRESS

COMMON PATH OF TRAVEL TERMINATION POINT

KEY NOTES 🚸

- 1. EXISTING ACCESSIBLE ENTRANCE/EXIT
- 2. EXISTING CONDITIONED OFFICE SPACE
- 3. EXISTING TRUCK COURT
- 4. TAPED CIRCULATION/EGRESS AISLE, 6' WIDE UNO.
- 5. TAPED CIRCULATION/EGRESS AISLE, 12' WIDE
- 6. DESIGN/BUILD MODULAR WALL SYSTEM ASSEMBLY UNDER SEPARATE PERMIT

7. POWDER COAT PAINT BOOTH AND CONVEYER ASSEMBLY UNDER SEPARATE

- 8. GASKET SHELVING, MAXIMUM 5' HIGH UNDER SEPARATE PERMIT
- 9. CHAIN LINK FENCING

PERMIT

- 10. ENVIRONMENTAL CHAMBER ON NEW FOUNDATION AND SLAB. SEE AHBL STRUCTURAL CALCULATIONS REPORT AND STRUCTURAL DRAWING SHEETS S1.0, S2.0 AND S2.1 FOR LOCATION, SLAB AND ANCHORAGE DETAILS.
- 11. NEW CRANE FOUNDATIONS (6) UNDER SEPARATE PERMIT
- 12. NEW SLAB SAW CUT ISOLATION JOINTS UNDER SEPARATE PERMIT
- 13. RACKING UNDER SEPARATE PERMIT
- 14. RE-USED STEEL MEZZANINE PLATFORM STRUCTURE. SEE AHBL STRUCTURAL CALCULATIONS REPORT AND STRUCTURAL DRAWING SHEET S2.2 FOR MEMBER SIZES AND EXISTING PHOTO.



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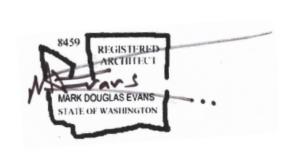
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MANUFACTURING PER	MIT
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TEST LAB AREA PERM	11

Date: 12/22/2022 02/03/2023 02/17/2023 04/06/2023 04/26/2023 08/23/2024

SEAL

PROJECT:

CLIENT



CITY STAMP.

LIFE SAFETY PLAN



GENERAL NOTES

- THE WORK SHALL CONFORM TO THE APPLICABLE BUILDING CODE AND OTHER ORDINANCES, CODES AND REGULATIONS LISTED IN THE SPECIFICATIONS OR ON THE DRAWINGS AND REQUIRED BY LOCAL BUILDING AUTHORITIES. THE GOVERNING CODES. RULES AND REGULATIONS ARE COLLECTIVELY REFERRED TO AS "THE CODE." THE CONTRACTOR SHALL REPORT ANY INCONSISTENCIES, CONFLICTS OR OMISSIONS DISCOVERED TO THE ARCHITECT FOR
- INTERPRETATION PRIOR TO PERFORMING THE WORK. THE GENERAL CONTRACTOR SHALL CONTACT BUILDING MANAGEMENT TO DETERMINE THE RULES OF THE BUILDING RELATIVE TO CONSTRUCTION; WHE AND HOW DELIVERIES CAN BE MADE, WHAT PHASES AND TYPES OF CONSTRUCTION MAY BE DONE ON REGULAR OR OVERTIME BASIS AND IN GENERAL ANY SPECIAL BUILDING REOUIREMENTS WHICH WILL AFFECT TH COST OF ALL WORK BORNE BY THE GENERAL CONTRACTOR. ALL WORK SHAL CONFORM TO ALL BASE BUILDING STANDARD SPECIFICATIONS AND BUILDING REGULATIONS, WHICH THE CONTRACTOR SHALL OBTAIN PRIOR TO SUBMISSION OF BID
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUB-CONTRACTORS' RECEIPT OF COMPLETE SETS OF THESE DOCUMENTS, AS WELL AS ALL FUTURE ADDENDA, BULLETINS, FIELD DIRECTIVES AND CHANGE
- THE AIA STANDARD DOCUMENT "A201" TITLED "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" SHALL BE CONSIDERED PART OF THE GENERAL CONDITIONS OF THIS WORK
- THE CONTRACTOR SHALL COORDINATE WITH THE BUILDING MANAGEMENT THE STORAGE OF MATERIALS AND SHALL PROVIDE PROTECTION AS NECESSARY TO PREVENT VANDALISM AND LOSS OF MATERIALS BY THEFT OR DAMAGE SUSTAINED DUE TO EXPOSURE TO INAPPROPRIATE ENVIRONMENTAL CONDITIONS AND WILL REPAIR & REPLACE DAMAGE OR LOSSES AT THE CONTRACTOR'S EXPENSE WITHOUT CHARGE TO THE OWNER.
- WHERE ADJACENT AREAS BEYOND THE IMMEDIATE CONSTRUCTION AREA WILL BE OCCUPIED DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL A. CONFORM TO OWNERS AND TENANT REQUIREMENTS FOR HOURS OF CONSTRUCTION OPERATIONS, ACCESS TO TENANT SPACES AND
 - ALLOWABLE NOISE LEVEL DURING TENANT BUSINESS HOURS B. CONSTRUCTION OPERATIONS SHALL NOT BLOCK HALLWAYS ACCESSIBL
 - ROUTES OR MEANS OF EGRESS FOR TENANTS OF BUILDING. CONSTRUCTION OPERATIONS SHALL NOT CAUSE INTERRUPTIONS OF ELECTRICAL SERVICES TO THE TENANTS OF THE BUILDING WITHOUT PRIOR NOTIFICATION AND APPROVALS. PROPERLY PROTECT ALL FLOORS, MAIL CHUTES AND STAIR DOORS IN PUBLIC AREAS SUBJECT TO CONSTRUCTION TRAFFIC. SHOE WIPING MATS WILL BE INSTALLE AT ALL OPENINGS BETWEEN CONSTRUCTION AREAS AND ALL PUBLIC SPACES. ALL ACTIVE AREAS SHALL BE KEPT CLEAN AND FREE FROM
 - DFBRIS D. ERECT AND MAINTAIN TEMPORARY BRACING, LIGHTS, DUSTPROOF PARTITIONS, BARRICADES, FENCES AND WARNING SIGNS AS NECESSARY TO PREVENT INJURY. NOISE. DUST AND INCONVENIENCE TO OTHER TENANTS, THE PUBLIC, AND TO PREVENT DAMAGE TO
 - ADJACENT CONSTRUCTION WHICH IS TO BE LEFT IN PLACE. CONTRACTOR SHALL FOLLOW THE RECOMMENDED CONTROL MEASURES OF THE SHEET METAL AND AIR CONDITIONING NATIONAL CONTRACTORS ASSOCIATION (SMACNA) IAQ GUIDELINES FOR OCCUPIED BUILDINGS UNDER CONSTRUCTION, 2ND EDITION 2007 ANSI/SMACNA 008-2008 (CHAPTER 3), ? PROTECT STORED ON-SITE
 - AND INSTALLED ABSORPTIVE MATERIALS FROM MOISTURE DAMAGE F. IF PERMANENTLY INSTALLED AIR HANDLERS ARE USED DURING CONSTRUCTION, FILTRATION MEDIA WITH A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8 MUST BE USED AT EACH RETURN AIR GRILLE.
- ALL CUTTING, CHASING, DRILLING OR DEMOLITION OF WALLS, SLABS, ETC REOUIRING THE USE OF JACKHAMMERS OR OTHER HEAVY HAND OR POWER TOOLS SHALL BE PERFORMED AFTER REGULAR BUSINESS HOURS ON AN OVERTIME BASIS IF NECESSARY, UNLESS THE BUILDING MANAGEMENT AND ANY AFFECTED TENANTS PROVIDE A WRITTEN WAIVER EXPRESSLY PERMITTIN
- OTHERWISE THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REOUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL PROVIDE PUBLIC PROTECTION, AS NECESSARY AND REQUIRED BY GOVERNING AGENCIES
- HAVING JURISDICTION, UNTIL CLIENT ACCEPTANCE OF THE PREMISES. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF ALL BRACING, SHORING, ENCLOSURES, BARRIERS OR SCAFFOLDING REOUIRED TO PROVIDE A SAFE WORKING ENVIRONMENT AS
- DICTATED BY SITE CONDITIONS AND THE PROGRESS OF WORK. 10. DURING THE ENTIRE CONSTRUCTION PERIOD, ALL EXITS, EXIT LIGHTING, FIRE PROTECTION DEVICES AND ALARMS SHALL BE CONTINUOUSLY MAINTAINED IN CONFORMANCE WITH LOCAL BUILDING CODE AND OTHER GOVERNING ENTITY REQUIREMENTS. UNO, ALL EXISTING, SERVICES AND DEVICES SHALL REMAIN ACTIVE.
- 11. THE CONTRACTOR SHALL PROTECT THE PROPERTY OF THE CLIENT AND THE BUILDING OWNER, INCLUDING, BUT IS NOT LIMITED TO, WINDOWS, FLOOR AND CEILING FINISHES, PUBLIC TOILETS, ELEVATORS, DOORS & BUCKS, ELECTRICAL AND AIR-CONDITIONING EQUIPMENT. THE CONTRACTOR SHAL PROTECT ADJOINING PROPERTY. DAMAGE CAUSED BY THE CONTRACTOR'S WORK OR WORKMEN MUST BE MADE GOOD, IN A TIMELY FASHION. PATCHING AND REPLACEMENT OF DAMAGED WORK SHALL BE PERFORMED AT THE COST OF THE CONTRACTOR. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL SUB-CONTRACTORS. IF THE CONTRACTOR FAILS TO COMPLETE THE REPAIRS IN A TIMELY FASHION, SAID REPAIRS WILL BE MADE BY A CONTRACTOR SELECTED BY THE OWNER'S REPRESENTATIVE AND BACK CHARGED ACCORDINGLY.
- THE CONTRACTOR SHALL INDEMNIFY AND SAVE HARMLESS THE LANDLORD. THE TENANT, AND ARCHITECT AGAINST ANY AND ALL CLAIMS AND DEMANDS FOR THE DAMAGE TO THE PROPERTY OF ANY PERSON, FIRM OR INDIVIDUAL OR FOR PERSONAL INJURIES (INCLUDING DEATH) ARISING OUT OF, OR SUFFERED WHILE ENGAGED IN, OR CAUSED, IN WHOLE OR IN PART. BY THE EXECUTION OF THE WORK; THE CONTRACTOR SHALL WELL AND TRULY DEFEND THE LANDLORD, TENANT AND ARCHITECT AND SHALL PAY ALL MONIES AWARDED FOR SUCH DAMAGES OR INJURIES (INCLUDING DEATH), AL COSTS INCLUDING ATTORNEY'S FEES SUSTAINED, AND SHALL OBTAIN A FULL ACQUAINTANCE AND RELEASE IN FAVOR OF THE LANDLORD, TENANT AND ARCHITECT, UNLESS SUCH LIABILITY RESULTS SOLELY FROM THE NEGLIGENCE
- OF THE LANDLORD, TENANT, ARCHITECT, ITS AGENTS OR EMPLOYEES. THE ARCHITECT SHALL NOT BE HELD RESPONSIBLE FOR THE PERFORMANCE O 13. ANY WORK, NOR FOR THE MEANS AND METHODS OF CONSTRUCTION CHOSEN BY THE CONTRACTOR OR ANY SUB-CONTRACTORS, NOR SHALL THE ARCHITECT GUARANTEE THE PERFORMANCE OF THEIR CONTRACTS.
- THE CONTRACTOR SHALL PERFORM DAILY CLEANING OF THE JOB SITE DURING THE CONSTRUCTION PERIOD AND SHALL PROTECT FINISHED WORK FROM DAMAGE. IMMEDIATELY PRIOR TO TENANT OCCUPANCY. THE CONTRACTOR SHALL PERFORM FINAL CLEANING OF THE WORK AREA INCLUDING, BUT NOT LIMITED TO, WET WIPING OF FURNITURE, AND CASEWORK, WASHING AND WAXING OF VCT FLOORING AND THE VACUUMING OF CARPET. ALL CLEANING SHALL BE IN ACCORDANCE WITH
- MANUFACTURERS' RECOMMENDATIONS THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF AL SUB-CONTRACTORS AND SHALL PERFORM SUCH MISCELLANEOUS WORK AS MAY BE NECESSARY FOR THEM TO COMPLETE THEIR WORK. IT IS EXPECTED THAT THE CONTRACTOR SHALL ALSO CLOSELY COORDINATE THE WORK WITH THAT OF ALL OTHER VENDORS RETAINED BY THE CLIENT TO ASSURE THAT ALL SCHEDULES ARE MET AND THAT WORK PROCEEDS WITHOUT DELAY.
- 16. BIDDERS, BEFORE SUBMITTING PROPOSALS, SHALL VISIT AND CAREFULLY EXAMINE THE AREA AFFECTED BY THE WORK TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND THE DIFFICULTIES THAT WILL AFFECT THE EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR. EOUIPMENT, OR MATERIALS, REOUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN REASONABLY FORESEEN HAD SUCH AN EXAMINATION BEEN MADE. THE GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS ON THE JOB SITE AND REPORT ANY AND ALL DISCREPANCIES AND/OR UNUSUAL CONDITIONS TO THE ARCHITECT PRIOF
- TO FINALIZING BIDS OR COMMENCEMENT OF ANY CONSTRUCTION. THE GENERAL CONTRACTOR SHALL MAKE KNOWN ANY AND ALL LIMITATIONS EXCLUSIONS, OR MODIFICATIONS TO THE PROJECT DURING THE BID SELECTIONS PERIOD. ANY AND ALL LIMITATIONS, EXCLUSIONS, OR MODIFICATIONS NOT ITEMIZED IN THE BID PROPOSAL DOCUMENTS ARE PRESUMED "INCLUDED", IN WHICH CASE NO ADDITIONAL MONIES WILL BE ALLOCATED FOR THIS WORK.
- EXISTING CONSTRUCTION AND DIMENSIONS SHOWN ARE PER EXISTING DRAWINGS. ALL EXISTING INFORMATION MUST BE VERIFIED IN THE FIELD NEITHER THE OWNER NOR THE ARCHITECTS ARE RESPONSIBLE FOR ACCURACY OF EXISTING INFORMATION. EXISTING CONSTRUCTION CONDITIONS IN AREAS WHERE NEW WORK IS NOT PLANNED MAY BE NOT COMPLETELY SHOWN.
- WITHIN ONE (1) WEEK (5 BUSINESS DAYS), OF THE AWARD OF THIS 19. CONTRACT, PRIOR TO MOBILIZATION FOR ANY WORK, THE CONTRACTOR SHALL FURNISH A CONSTRUCTION SCHEDULE SHOWING CHRONOLOGICALLY THE PHASES OF THE WORK, AND ALL RELATED WORK FOR THE COMPLETION OF THE PROJECT. THIS SCHEDULE SHALL INDICATE ALL ORDERING LEAD TIMES. LENGTH OF TIME FOR EACH PHASE, ITS START AND COMPLETION, WITH A PROJECTED COMPLETION DATE.
- 20. CONTRACTOR AND SUBCONTRACTORS SHALL ATTEND JOB MEETINGS REQUIRED BY THIS CONTRACT. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FOR ALL SITE DEVELOPMENT
- WORK, PAY ALL FEES FOR PERMITS AND CHECK ALL GOVERNING AUTHORITIES' SPECIFICATIONS FOR BUT NOT LIMITED TO, GUTTERS, SIDEWALKS, POLES, AND OTHER STRUCTURES, INCLUDING THE REMOVAL OR RELOCATION OF EXISTING UTILITIES OR OTHER PHYSICAL OBJECTS SHOWN ON PLANS OR NOTED OTHERWISE.

SEPARATE PERMITS, WHEN REQUIRED AND/OR WHEN WORK ITEMS ARE DESIGN/BUILD IN NATURE, SHALL BE OBTAINED BY THE CONTRACTOR FOR MECHANICAL, PLUMBING, FIRE SPRINKLERS, ELECTRICAL AND FIRE ALARM. DESCRIPTIVE, DETAILED DESIGN AND REOUIRED SUBMITTAL DOCUMENTS INFORMATION SHALL BE PROVIDED FOR REVIEW BY THE REGULATING AUTHORITIES AND BY THE OWNER/TENANT/ARCHITECT FOR APPROVAL PRIOR TO ANY WORK BEING PERFORMED. SEE SPECIFICATIONS FOR REOUIREMENT FOR DESIGN/BUILD FIRE SPRINKLER SYSTEM. SUBMIT PLAN TO AND OBTAIN PERMIT FROM THE AUTHORITY HAVING JURISDICTION FOR FIRE SPRINKLER SYSTEM INSTALLATION OR MODIFICATION. ALL WORK SHALL COMPLY WITH CURRENT GOVERNING CODES.

DURING ALL PHASES OF CONSTRUCTION.

SUCH APPROVAL HAS BEEN DENIED.

RELATED TO THESE MATERIALS.

EOUIPMENT.

MATERIALS.

- ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH CURRENT GOVERNING CODES. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED AS TO PERMIT WORK WHICH IS NOT CONFORMING TO CURRENT GOVERNING CODES.
- THE CONTRACTOR SHALL CREATE AND IMPLEMENT AN EROSION AND SEDIMENTATION CONTROL PLANFOR ALL SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROJECT. THE PLAN MUST CONFORM TO THE EROSION AND SEDIMENTATION
- REQUIREMENTS OF THE 2003 EPA CONSTRUCTION GENERAL PERMIT OR LOCAL STANDARDS AND CODES, WHICHEVER IS MORE STRINGENT. ALL REOUIRED PERMITS MUST BE OBTAINED FROM THE FIRE DEPARTMENT PRIOR TO START OF CONSTRUCTION. ALL COSTS FOR INSPECTIONS AND/OR TESTS SHALL BE THE RESPONSIBILITY
- OF THE CONTRACTOR, UNO THE CONTRACTOR SHALL PAY THE EXPENSES FOR ALL TRANSPORTATION, HOISTING AND ELEVATOR USE CHARGES ON ALL MATERIALS OR EOUIPMENT TO THE POINT OF USE, AND SHALL BE RESPONSIBLE FOR ALL UNLOADING, CHECKING AND STORAGE OF THE SAME IN CONNECTION WITH THIS
- CONTRACT. OF THE INEVITABLE WASTE THAT IS GENERATED, AS MANY OF THE WASTE MATERIALS AS ECONOMICALLY FEASIBLE SHALL BE REUSED, SALVAGED, OR RECYCLED. WASTE DISPOSAL IN LANDFILLS SHALL BE MINIMIZED. CONTRACTOR SHALL COORDINATE WASTE MATERIALS HANDLING AND SEPARATION FOR ALL TRADES. CONTRACTOR SHALL PROVIDE SEPARATION HANDLING, TRANSPORTATION, RECYCLING, SALVAGE, AND LANDFILLING FOR ALL DEMOLITION AND WASTE MATERIALS. RECYCLABLE MATERIALS CAN BE COMMINGLED IN DUMPSTERS ON-SITE AS LONG AS PROVISION IS MADE FOR HAULING TO A TRANSFER STATION WHERE SEPARATION WILL OCCUR. TRANSFER STATION MUST PROVIDE DOCUMENTATION REPORT TYPES OF MATERIALS SEPARATED BY LOAD AND PERCENTAGE OF EACH LOAD. FINAL
- DIVERSION GOALS: A MINIMUM 75% OF TOTAL PROJECT WASTE SHALL BE DIVERTED FROM LANDFILL. THE FOLLOWING WASTE CATEGORIES, AT A MINIMUM, SHALL BE DIVERTED FROM LANDFILL.

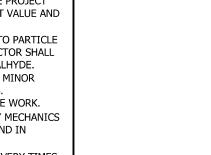
DESTINATION OF SORTED MATERIALS MUST ALSO BE REPORTED.

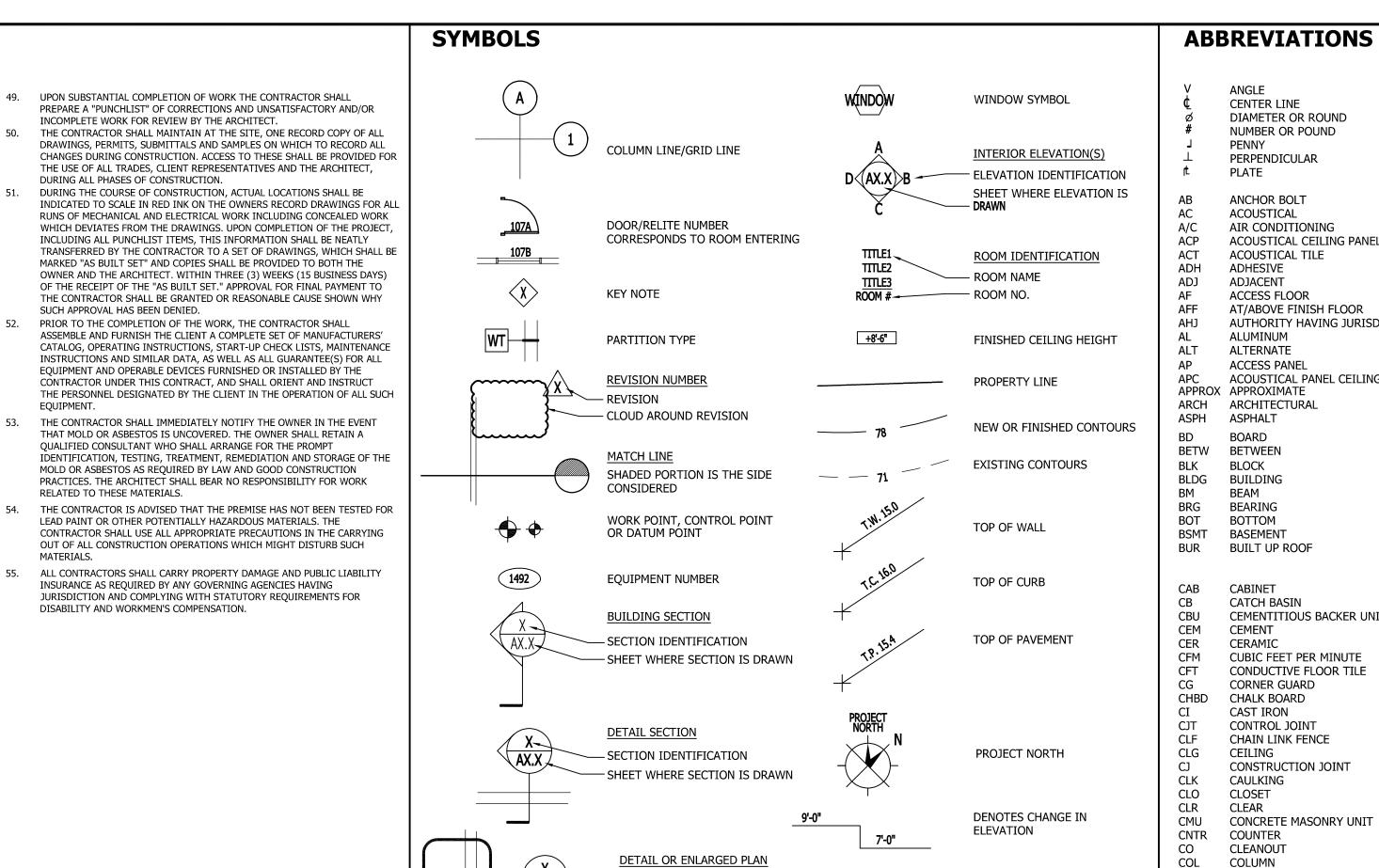
- a. CLEAN DIMENSIONED WOOD, PALLET WOOD . PLYWOOD, OSB, AND PARTICLEBOARD
- CONCRETE CARDBOARD, PAPER, PACKAGING
- METALS GYPSUM DRYWALL (UNPAINTED)
- ACOUSTIC TILE
- PAINT GLASS

22.

- PLASTICS CARPET AND PAD
- BEVERAGE CONTAINERS
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS, MAINTAIN AND PAY ALL COSTS FOR TEMPORARY WATER, PLUMBING, POWER, LIGHTING, HEATING OR VENTILATION REQUIRED TO PROPERLY CONDUCT THE WORK DIMENSIONS ARE TO FACE OF STUD, CONCRETE, OR MASONRY UON. DO NOT SCALE THESE DRAWINGS; WRITTEN DIMENSIONS SHALL GOVERN. SHOULD ANY DIMENSIONAL DISCREPANCIES BE ENCOUNTERED. CLARIFICATIONS SHALL BE OBTAINED FROM THE OFFICE OF THE ARCHITECT
- 29. LARGE SCALE DETAILS SHALL GOVERN OVER SMALLER SCALE PLANS AND ELEVATIONS. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURERS' RECOMMENDATIONS. ANY DIFFICULTIES ARE TO BE REPORTED TO THE
- ARCHITECT IMMEDIATELY THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL WARRANTEE ALL WORK PERFORMED BY HIM DIRECTLY FOR A MINIMUM PERIOD OF ONE (1) YEAR AS SPECIFIED IN THE CONSTRUCTION CONTRACT. ALL DEFECTS OCCURRING IN THE GUARANTEED PERIOD SHALL BE CORRECTED AT NO ADDITIONAL COST.
- THE CLIENT, ARCHITECT, CONSULTANTS AND ALL INSPECTORS FROM PERTINENT AGENCIES SHALL BE PERMITTED ACCESS TO THE JOB SITE AT ALL TIMES DURING NORMAL WORKING HOURS. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND
- EQUIPMENT NECESSARY TO EXECUTE ALL WORK, EXCEPT WHERE NOTED AS NOT IN CONTRACT (N.I.C.). MINOR DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER
- CONSTRUCTION OF ANY PART OF THE WORK, SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS, UNLESS OTHERWISE AGREED UPON. WHERE THE CONTRACT, CONSTRUCTION NOTES OR DRAWINGS CALL FOR ANY WORK OF A MORE STRINGENT NATURE THAN THAT REOUIRED BY THE BUILDING CODE, OR ANY OTHER ENTITY HAVING JURISDICTION OVER THE WORK, THE WORK OF THE MORE STRINGENT NATURE CALLED SHALL BE FURNISHED IN ALL CASES. FOR ALL MATERIALS PURCHASED THE CONTRACTOR SHALL FURNISH
- MATERIALS WHICH YIELD THE HIGHEST PERCENT OF PRE-CONSUMER (POST INDUSTRIAL) AND POST-CONSUMER RECYCLED CONTENT. THE CONTRACTOR SHALL FURNISH THESE MATERIALS WITHIN THE PARAMETERS OF THE BUDGET AND SHALL NOT PURCHASE ANY COST-ADDING MATERIAL OR PAY A PREMIUM (MORE THAN FAIR MARKET VALUE) WITHOUT PROJECT MANAGER AND OWNER ACKNOWLEDGEMENT AND APPROVAL. FOR ALL MATERIALS PURCHASED THE CONTRACTOR SHALL FURNISH
- MATERIALS MANUFACTURED WITHIN A 500 MILE RADIUS OF THE PROJECT SITE WHERE AVAILABLE, WITHIN BUDGET, WITHIN FAIR MARKET VALUE AND DO NOT PRESENT RISK TO THE PROJECT SCHEDULE. FOR ALL NEW WOOD PRODUCTS INCLUDING BUT NOT LIMITED TO PARTICLE
- BOARD, MDF, PLYWOOD, OSB AND WOOD DOORS, THE CONTRACTOR SHALL FURNISH MATERIALS THAT CONTAIN NO ADDED UREA-FORMADALHYDE DETAILS ARE INTENDED TO SHOW THE INTENT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT FIELD CONDITIONS.
- REQUIRED MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK. ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER BY MECHANICS AND TRADESPERSONS SKILLED IN THEIR RESPECTIVE TRADES AND IN ACCORDANCE WITH THE BEST TRADE PRACTICES.
- 40. THE CONTRACTOR SHALL CONFIRM THE AVAILABILITY AND DELIVERY TIMES FOR ALL SPECIFIED MATERIALS & EOUIPMENT REOUIRED TO PERFORM THE WORK UPON RECEIPT OF THE CONTRACT DOCUMENTS. SHOULD THE AVAILABILITY OF SPECIFIED ITEMS POSE A DELAY TO THE ON-TIME COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROPOSE AN EQUIVALENT SUBSTITUTION TO BE REVIEWED BY THE ARCHITECT IF SUCH A DELAY IS NOT ACCEPTABLE.
- SUBSTITUTION OF ALL EQUALS SHALL BE ONLY AS APPROVED BY THE ARCHITECT. WHERE THE TERM "OR EQUAL" IS USED THE ARCHITECT SHALL BE THE SOLE JUDGE OF EQUALITY BASED UPON THE INFORMATION FURNISHED BY THE CONTRACTOR. SUBSTITUTIONS MUST BE ACCEPTED IN WRITING BEFORE THEY MAY BE USED. THE CONTRACTOR SHALL PREPARE SUBMITTALS FOR REVIEW BY THE
- ARCHITECT, FOR ALL MATERIALS AND EOUIPMENT SPECIFIED. IF THE CONTRACTOR, THE OWNER, OR THE OWNER'S REPRESENTATIVE SUBSTITUTE A MATERIAL, METHOD OF ATTACHMENT, REVISES A CONSTRUCTION DETAIL, OR IN ANY WAY ALTERS THE WORK SUCH THAT IT NO LONGER CONFORMS TO THESE DOCUMENTS, WITHOUT THE WRITTEN ACCEPTANCE OF THE ARCHITECT, SUCH ACTION WILL RELIEVE THE ARCHITECT OF ANY RESPONSIBILITY OR LIABILITY INCLUDING, BUT NOT LIMITED TO, AESTHETIC CONSEQUENCES, SUBSEQUENT FAILURE(S) AND PERSONAL OR PROPERTY
- DAMAGE ATTRIBUTABLE TO THIS CHANGE. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. 14. SUBMITTALS THAT CONTAIN EXCESSIVE ERRORS OR ARE INCOMPLETE OR
- INADEOUATE MAY BE RETURNED WITHOUT ACTION. COSTS INCURRED FOR THE RESULTANT DELAYS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. REVIEW OF SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR OF
- OBLIGATIONS OR RESPONSIBILITIES FOR DEVIATIONS FROM THE REQUIREMENTS OF THESE CONTRACT DOCUMENTS, UNLESS THE ARCHITECT IS NOTIFIED AND SPECIFICALLY APPROVES OF, THE DEVIATIONS AT THE TIME OF SUBMISSION. REVIEW OF SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR'S
- OBLIGATION FOR COORDINATION NOR WAIVE RESPONSIBILITY FOR ERRORS AND OMISSIONS IN THE SUBMITTALS, INCLUDING "FIELD MEASURE." CHANGES IN THE SCOPE OF WORK OR IN CONSTRUCTION DETAILS. WHETHER DUE TO FIELD CONDITIONS OR OMISSIONS BY THE CONTRACTOR ARCHITECT OR OWNER, SHALL BE DOCUMENTED BY THE ARCHITECT AND
- APPROVED, PRIOR TO EXECUTION. 48. THE PRESENCE OF A REPRESENTATIVE OF THE ARCHITECT ON THE JOB SITE DOES NOT IMPLY CONCURRENCE WITH OR THE APPROVAL OF ANY WORK. THE CONTRACTOR SHALL CALL TO THE ATTENTION OF THE ARCHITECT, IN

WRITING, ALL SPECIFIC ITEMS FOR WHICH ARCHITECT'S REVIEW IS REQUIRED.





DETAIL OR ENLARGED PLAN - DETAIL IDENTIFICATION - SHEET WHERE DETAIL IS DRAWN

, AX.X 🛌

____ FINISH SYMBOL

DTL DETAIL DWR DRAWER DOWNSPOU DW DISHWASHER DWG DRAWING EAST EACH EXPANSION I EB EXPANSION . ELEVATION EL ELEC ELECTRIC ELEV ELEVATOR ΕM ENTRY MAT EMER EMERGENCY ENCL ENCLOSURE ELECTRICAL EP EWC ELECTRIC W/ EPX EPOXY EQUAL EQ

CONC

CONT

CORR

CPT

CT

CTR

DBL

DEPT

DF

DIA

DIAG

DIM

DN

DR

DS

ΕA

EJ

DISP

CY

CONSTR CONSTRUCT

EQUIP EQUIPMENT ESTIMATE EST EXPANSION EX EXIST EXISTING EXT EXTERIOR FA FIRE ALARM FBO FURNISHED I FCIC FURNISHED I INSTALLED B

FCTY FACTORY FLOOR DRAII FD FDN FOUNDATION FIRE EXTING FFC FIRE EXTING FACTORY FIN FIN FINISH FLOOR FL FLG FLASHING

	ANGLE	FLUOR	FLUORESCENT
	CENTER LINE DIAMETER OR ROUND	FM FOC	FACTORY MUTUAL FACE OF CONCRETE
	NUMBER OR POUND	FOF	FACE OF FINISH
	PENNY PERPENDICULAR	FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR
	PLATE	FOIO	FURNISHED BY OWNER
		FOC	INSTALLED BY OWNER
	ANCHOR BOLT ACOUSTICAL	FOS FS	FACE OF STUD FULL SIZE
	AIR CONDITIONING	FT	FEET
	ACOUSTICAL CEILING PANEL ACOUSTICAL TILE	FTG FTIC	FOOTING FURNISHED BY TENANT
	ADHESIVE		INSTALLED BY CONTRACTOR
	ADJACENT ACCESS FLOOR	FTIO	FURNISHED BY TENANT INSTALLED BY OWNER
	AT/ABOVE FINISH FLOOR	FURR	FURRING
	AUTHORITY HAVING JURISDICTION ALUMINUM	FUT FUTURE-	FUTURE FUTURE ROUGH IN ONLY
	ALTERNATE	RIO	
	ACCESS PANEL ACOUSTICAL PANEL CEILING	GA	GAGE
	APPROXIMATE	GALV	GALVANIZED
	ARCHITECTURAL ASPHALT	GB GC	GRAB BAR GENERAL CONTRACTOR
	BOARD	GL	GLASS OR GLAZING
	BETWEEN	glb GND	glu-lam beam Ground
	BLOCK BUILDING	GR	GRADE
	BEAM	GWB	GYPSUM WALL BOARD
	BEARING BOTTOM	HB HC	Hose Bib Hollow Core or Handicap
	BASEMENT	HDR	HEADER
	BUILT UP ROOF	HDWD	HARDWOOD
		HDWE HM	HARDWARE HOLLOW METAL
	CABINET CATCH BASIN	HORIZ	HORIZONTAL
	CEMENTITIOUS BACKER UNIT	HR HT	HOUR HEIGHT
	CEMENT CERAMIC	HTG	HEATING HEATING (VENTILATION)
	CUBIC FEET PER MINUTE	HVAC	HEATING/VENTILATION/ AIR CONDITIONING
	CONDUCTIVE FLOOR TILE CORNER GUARD	HWH	HOT WATER HEATER
	CHALK BOARD CAST IRON	IBC	INTERNATIONAL BUILDING CODE
	CONTROL JOINT	ID	INSIDE DIAMETER/ DIMENSION
	CHAIN LINK FENCE CEILING	IEC	INTERNATIONAL ELECTRIC
	CONSTRUCTION JOINT	IFC	CODE COUNCIL INTERNATIONAL FIRE CODE
	CAULKING CLOSET	IG IHM	INSULATED GLAZING INSULATED HOLLOW METAL
	CLEAR	IN	INCH
	CONCRETE MASONRY UNIT COUNTER	INCL INSUL	INCLUDE INSULATION
	CLEANOUT COLUMN	INT	INTERIOR
	CONCRETE	IPC	INTERNATIONAL PLUMBING COD
l	CONSTRUCTION CONTINUOUS	JAN	JANITOR
	CORRIDOR	JT	JOINT
	CARPET CERAMIC TILE	KIT KO	KITCHEN KNOCK OUT
	CENTER	KS	KNEE SPACE
	CUBIC YARD	LAM	LAMINATE
	DOUBLE DEPARTMENT	LAV	LAVATORY
	DRINKING FOUNTAIN(W/O COOLER)	LB LF	LAG BOLT LINEAL FOOT
	DIAMETER DIAGONAL	LG	LENGTH
	DIMENSION	LH LINO	LEFT HAND LINOLEUM
	DISPENSER DOWN	LKR LT	LOCKER LIGHT
	DOOR OR DRAIN DETAIL		
	DRAWER	MACH MATL	MACHINE MATERIAL
	DOWNSPOUT DISHWASHER	MAX	MAXIMUM
	DISHWASHER DRAWING	MECH MEZZ	MECHANICAL MEZZANINE
	EAST	MFR	MANUFACTURER
	EACH	MH MIN	MANHOLE MINIMUM
	EXPANSION BOLT EXPANSION JOINT	MIR	MIRROR
	ELEVATION	MISC MLD	MISCELLANEOUS MOLDING
	ELECTRIC ELEVATOR	MRGWB	MOISTURE RESISTANT GWB
	ENTRY MAT	MTD MTL	MOUNTED METAL
	Emergency Enclosure or Enclosed	MULL	MULLION
	ELECTRICAL PANEL	N	NORTH
	ELECTRIC WATER COOLER EPOXY	NIC NO/#	NOT IN CONTRACT NUMBER
	EQUAL EQUIPMENT	NOM	NOMINAL NOT TO SCALE
	ESTIMATE	NTS OA	NOT TO SCALE OVERALL
	EXPANSION EXISTING	OC	ON CENTER
	EXTERIOR	OD	OUTSIDE DIAMETER/ DIMENSION
	FIRE ALARM	OFF	OFFICE
	FURNISHED BY OTHERS	oh oph	OVERHEAD OPPOSITE HAND
	FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR	OPNG	OPENING
	FACTORY FLOOR DRAIN	OPP	
	FOUNDATION	PERP PFN	PERPENDICULAR PREFINISHED
	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	PL PLAM	PLATE OR PROPERTY LINE PLASTIC LAMINATE
	FACTORY FINISH	PLYWD	PLYWOOD
	FINISH FLOOR	PNL PNT	PANEL PAINT
	FLASHING	PR	PAIR

PAINT SYSTEM PS POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PSI PRESSURE TREATED PT PAPER TOWEL DISPENSER PTD PTD/R PAPER TOWEL DISPENSER AND RECEPTACLE PTN PARTITION PAPER TOWEL RECEPTACLE PTR PVMT PAVEMENT QT QUARRY TILE RISER RETURN AIR RA RADIUS RAD ROD & SHELF R&S RESILIENT BASE RB RCP REFLECTED CEILING PLAN ROOF DRAIN RD RD/O ROOF DRAIN OVERFLOW REBAR REINFORCING BAR RFF REFERENCE REFR REFRIGERATOR REINF REINFORCED REQ'D REQUIRED REV REVISION RIGHT HAND OR ROBE HOOK RH RESIL RESILIENT RM ROOM RO ROUGH OPENING RESILIENT TILE RUB RUBBER RAIN WATER RW RAIN WATER LEADER RWL SOUTH SOLID CORE SC SEAT COVER DISPENSER SCD SCHD SCHEDULE SOAP DISPENSER SD SECT SECTION SOUARE FEE SE SHTG SHEATHING SIM SIMILAR SNK SINK SEALER SLR SND SANITARY NAPKIN DISPENSER SNR SANITARY NAPKIN RECEPTACLE SPEC SPECIFICATION SQUARE SO SST STAINLESS STEEL SSK SERVICE SINK STONE/STONE TILE STA STATION STC SOUND TRANSMISSION CLASS STD STANDARD STL STEEL STOR STORAGE STRUCTURA STRL SUSP SUSPENDED SHEET VINYL SV SYM SYMMETRICA TREAD TOWEL BAR T&B TOP & BOTTOM TEMPERED GLASS TG THK THICK TIG TEMPERED INSULATED GLAZING TOP OF TO TOC TOP OF CONCRETE TOP TOP OF PAVEMENT TOS TOP OF STEEL TOP OF SLAB TOSL TOW TOP OF WALL TOILET PAPER DISPENSER TPD TOILET PAPER HOLDER TPH TPTN TOILET PARTITION TUBULAR STEEL TS TELEVISION ΤV TYP TYPICAL UNDERWRITERS LABORATORY UL UNF UNFINISHED UNLESS OTHERWISE NOTED UON UR URINAL VARIES VAR VINYL COMPOSITION TILE VCT VERT VERTICAL VEST VESTIBULE VIN VINYL VINYL WALL COVERING VWC WEST WITH W/ WITHOUT W/O WC WATER CLOSET WD WOOD WF WIDE FLANGE WG WIRE GLASS WHSE WAREHOUSE WP WATER PROOF WATER RESISTANT WR WSCT WAINSCOT WEIGHT WΤ XFMR TRANSFORMER YD YARD

ST

TB

W



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PRCTI20241500



RED DOT

CORPORATION 495 ANDOVER PARK EAST **TUKWILA, WA 98188**

RED DOT SHOP TI TEST LAB AREA

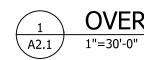
2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description PERMIT SUBMITTAL PERMIT RESUBMITTA PERMIT RESUBMITTAL 2 MANUFACTURING PERMIT MANUFACTURING RESUBMIT TEST LAB AREA PERMIT

Date:
12/22/2022
02/03/2023
02/17/2023
04/06/2023
04/26/2023
)8/23/2024

GENERAL NOTES & ABBREVIATIONS

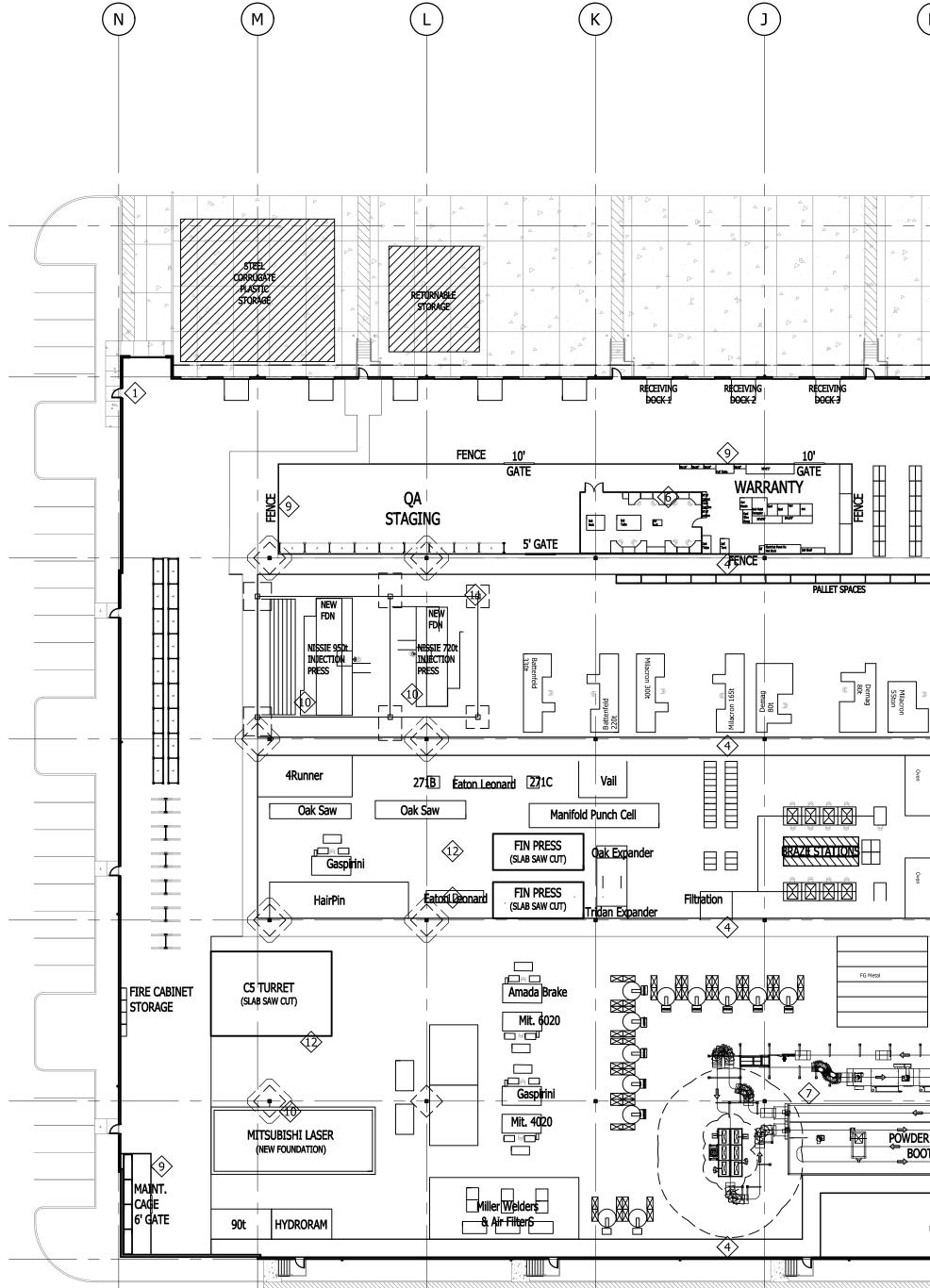




(N)

(M)

OVERALL SHOP PLAN



(L)

MATCH I INF	G	E	D	
P D A D A D A D A D A D A D A D A D A D			SHIPPING SHIPPING SHIPPING	
GASKET- SHELVING (NAX. 5' TALL)				EXISTING OFFICE
	Gate	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	<	
				GATE/FENCE GATE/FENCE ENG. TEST OFFICE (MOD 4) ENG. TEST OFFICE ENG. TEST OFFICE (MOD 6)
ER COAT				

SHOP PLAN NOTES

THE RED DOT SHOP LAYOUT PLAN INCLUDES THE FOLLOWING CATEGORIES OF USE:

- MANUFACTURING:
- MACHINES AND PROCESSES TO PRODUCE MANUFACTURED PARTS. AREAS INDICATED IN GRAY INCLUDE EQUIPMENT/MACHINE AND OPERATORS TO COMPLETE THE WORK (MANUFACTURING).
- <u>GENERAL CIRCULATION:</u> AREA FOR FORKLIFT TRAFFIC, EMPLOYEE WALKWAYS, MOVEMENT OF 2. COMPONENTS FROM ONE WORK CENTER TO THE NEXT (GENERAL CIRCULATION).
- WAREHOUSE STORAGE STORAGE AND RACKING OF FINISHED COMPONENTS (RACKING/STORAGE 3. WAREHOUSE).
- TESTING AND PROTOTYPING: TESTING AND PROTOTYPING OF FUTURE MANUFACTURED COMPONENTS. 4. THE TESTING AREA IS WHERE PROTOTYPES WILL BE TESTED TO VERIFY NEW PARTS MEET THE REQUIREMENTS OF CUSTOMERS BEFORE UNITS GO INTO PRODUCTION. THIS IS A COMBINATION OF BENCH TOP TESTING AND COMPLETE VEHICLE TESTING. FOR VEHICLE TESTING, CUSTOMERS SEND A VEHICLE FOR FITTING AND INSTALLATION OF PROTOTYPE UNITS IN THEM TO TEST IN REAL WORK CONDITIONS (TESTING AND PROTOTYPING).

SHOP PLAN KEY NOTES 🚸

- 1. EXISTING ACCESSIBLE ENTRANCE/EXIT
- 2. EXISTING CONDITIONED OFFICE SPACE
- 3. EXISTING TRUCK COURT

(1)

(2)

(3)

-(4)

- (5)

-(6)

-(7)

- 4. TAPED CIRCULATION/EGRESS AISLE, 6' WIDE UNO.
- 5. TAPED CIRCULATION/EGRESS AISLE, 12' WIDE
- MODULAR WALL SYSTEM UNDER SEPARATE PERMIT
- 7. POWDER COAT PAINT BOOTH AND CONVEYER SYSTEM UNDER SEPARATE PERMIT
- 8. GASKET SHELVING, MAXIMUM 5' HIGH FOR GROUP A PLASTICS PER FIRE SPRINKLER REPORT
- 9. CHAIN LINK FENCING UNDER SEPARATE PERMIT
- 10. ENVIRONMENTAL CHAMBER ON NEW FOUNDATION AND SLAB. SEE AHBL STRUCTURAL CALCULATIONS REPORT AND STRUCTURAL DRAWING SHEETS S1.0, S2.0 AND S2.1 FOR LOCATION, SLAB AND ANCHORAGE DETAILS.
- 11. NEW CRANE FOUNDATIONS (6) UNDER SEPARATE PERMIT
- 12. NEW SLAB SAW CUT ISOLATION JOINTS UNDER SEPARATE PERMIT
- 13. RACKING UNDER SEPARATE PERMIT
- 14. RE-USED STEEL MEZZANINE PLATFORM STRUCTURE. SEE AHBL STRUCTURAL CALCULATIONS REPORT AND STRUCTURAL DRAWING SHEET S2.2 FOR MEMBER SIZES AND EXISTING PHOTO.



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RED DOT

CORPORATION 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI TEST LAB AREA

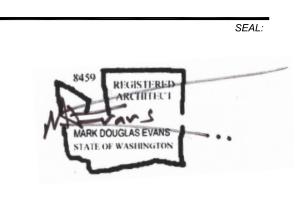
2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description:	No:
PERMIT SUBMITTAL	
PERMIT RESUBMITTAL	
PERMIT RESUBMITTAL	. 2
MANUFACTURING PER	MIT
MANUFACTURING RES	UBMIT
TEST LAB AREA PERMI	Т

Date: 12/22/2022 02/03/2023 02/17/2023 04/06/2023 04/26/2023 08/23/2024

PROJECT:

CLIENT.

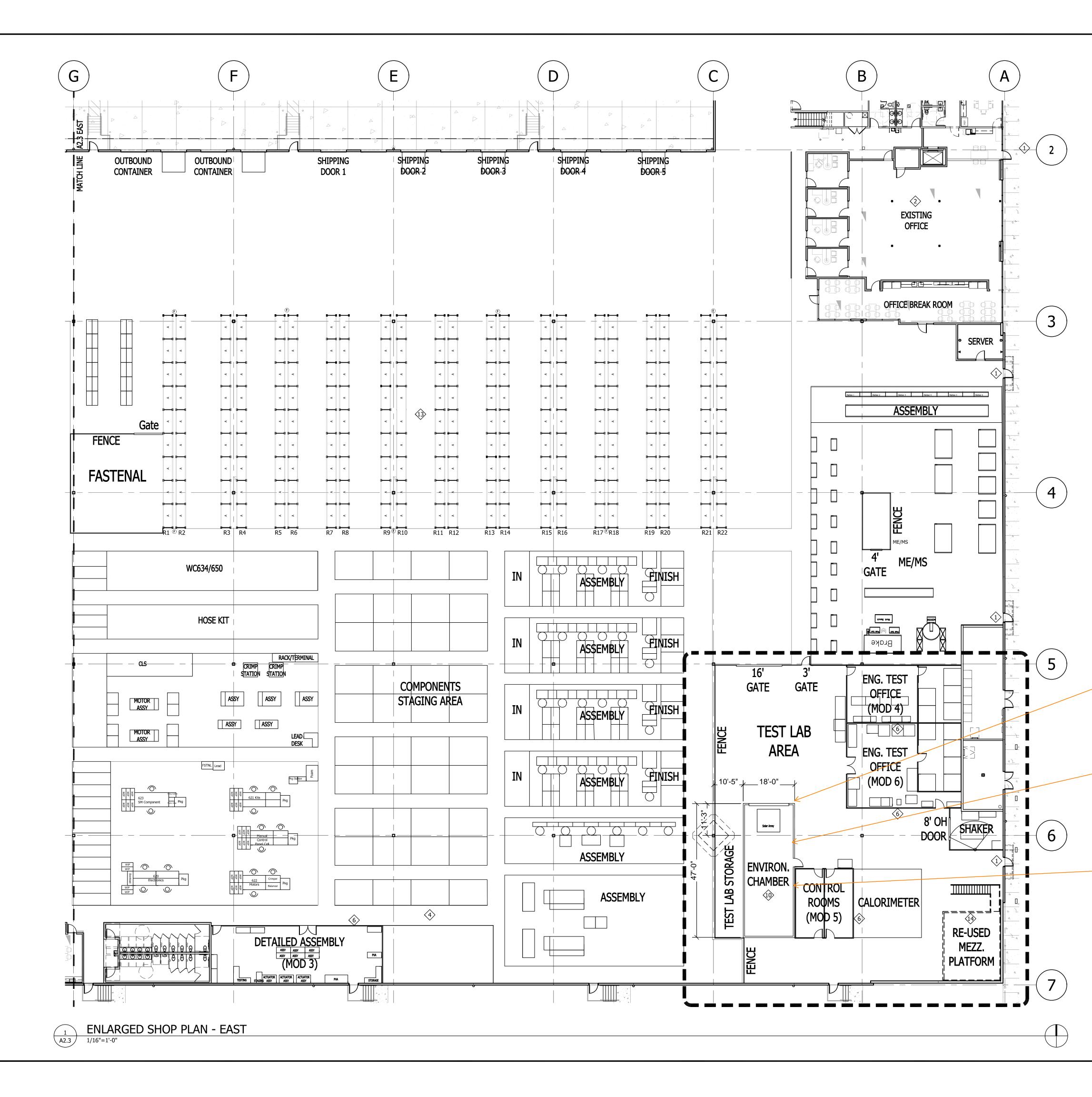


CITY STAMP:

OVERALL SHOP PLAN

Proj. No: 21.0000440.000 Reviewed By:

A2.1



SHOP PLAN NOTES

THE RED DOT SHOP LAYOUT PLAN INCLUDES THE FOLLOWING CATEGORIES OF USE:

MANUFACTURING:

- . MACHINES AND PROCESSES TO PRODUCE MANUFACTURED PARTS. AREAS INDICATED IN GRAY INCLUDE EQUIPMENT/MACHINE AND OPERATORS TO COMPLETE THE WORK (MANUFACTURING).
- <u>GENERAL CIRCULATION:</u> 2. AREA FOR FORKLIFT TRAFFIC, EMPLOYEE WALKWAYS, MOVEMENT OF COMPONENTS FROM ONE WORK CENTER TO THE NEXT (GENERAL CIRCULATION).
- WAREHOUSE STORAGE:
 STORAGE AND RACKING OF FINISHED COMPONENTS (RACKING/STORAGE WAREHOUSE).
- <u>TESTING AND PROTOTYPING:</u>
 TESTING AND PROTOTYPING OF FUTURE MANUFACTURED COMPONENTS. THE TESTING AREA IS WHERE PROTOTYPES WILL BE TESTED TO VERIFY NEW PARTS MEET THE REQUIREMENTS OF CUSTOMERS BEFORE UNITS GO INTO PRODUCTION. THIS IS A COMBINATION OF BENCH TOP TESTING AND COMPLETE VEHICLE TESTING. FOR VEHICLE TESTING, CUSTOMERS SEND A VEHICLE FOR FITTING AND INSTALLATION OF PROTOTYPE UNITS IN THEM TO TEST IN REAL WORK CONDITIONS (TESTING AND PROTOTYPING).

SHOP PLAN KEY NOTES 🚸

- 1. EXISTING ACCESSIBLE ENTRANCE/EXIT
- 2. EXISTING CONDITIONED OFFICE SPACE
- 3. EXISTING TRUCK COURT
- 4. PAINTED CIRCULATION/EGRESS AISLE, 6' WIDE UNO.
- 5. PAINTED CIRCULATION/EGRESS AISLE, 12' WIDE
- 6. MODULAR WALL SYSTEM UNDER SEPARATE PERMIT
- 7. POWDER COAT PAINT BOOTH AND CONVEYER ASSEMBLY UNDER SEPARATE PERMIT
- 8. GASKET SHELVING, MAXIMUM 5' HIGH PER FIRE SPRINKLER REPORT
- 9. CHAIN LINK FENCING
- 10. ENVIRONMENTAL CHAMBER ON NEW FOUNDATION AND SLAB. SEE AHBL STRUCTURAL CALCULATIONS REPORT AND STRUCTURAL DRAWING SHEETS S1.0, S2.0 AND S2.1 FOR LOCATION, SLAB AND ANCHORAGE DETAILS.
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- 14. RE-USED STEEL MEZZANINE PLATFORM STRUCTURE. SEE AHBL STRUCTURAL CALCULATIONS REPORT AND STRUCTURAL DRAWING SHEET S2.2 FOR MEMBER SIZES AND EXISTING PHOTO.

The calculations provided indicate that the shear value for the #8 screws is based on plywood. Please provide the specifications for the Environmental Chamber, including details about the wall construction.

(Construction Set, Sheet A2.3)

The details on Sheet S2.1 and within the engineering calculations indicate pillars for vibration stabilization, which appear to function as a lift and/or create isolated loads. Please verify what has been installed on-site.

(Construction Set, Sheet A2.3)

No mechanical plans have been provided. According to the details on Sheet S2.1 and the calculations, there are mechanical components associated with the Environmental Chamber. Please provide the mechanical engineering specifications for what has been installed on-site, including the Calorimeter if it is part of the mechanical installation or provide an as-building inspection report that indicates the equipment installed and that they meet current code standards.

(Construction Set, Sheet A2.3)



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RED DOT SHOP TI TEST LAB AREA

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description:	No:
PERMIT SUBMITTAL	
PERMIT RESUBMITTA	_
PERMIT RESUBMITTA	_ 2
MANUFACTURING PER	MIT
MANUFACTURING RES	UBMIT
TEST LAB AREA PERM	IT

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PROJECT:

CLIENT.

TEST LAB AREA PERMIT

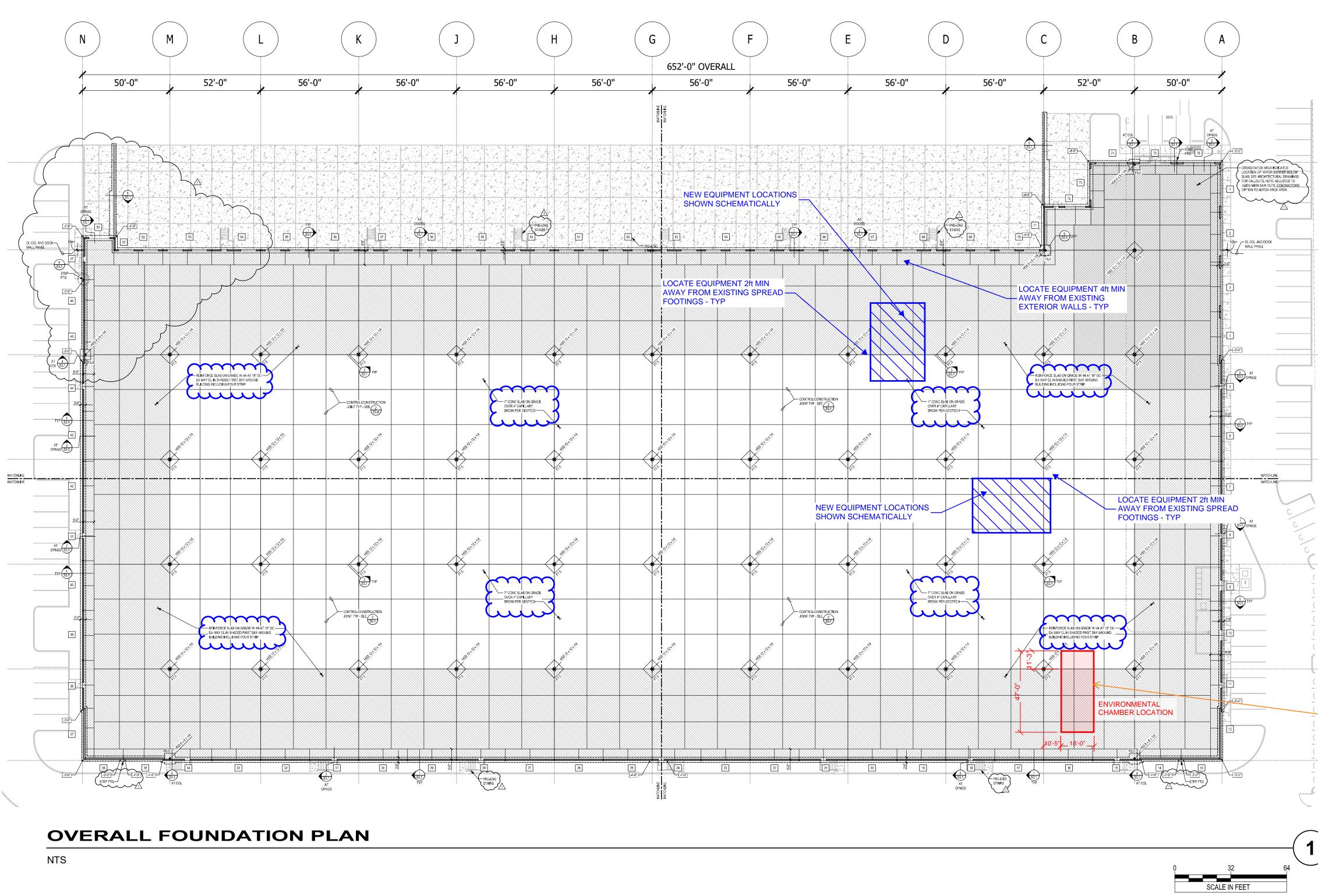
08/23/2024

SEAL: 8459 REGISTERED ARCTITECT MARK DOUGLAS EVANS STATE OF WASHINGTON

CITY STAMP:

ENLARGED SHOP PLAN - EAST





FO	FOOTING SCHEDULE							
MARK	SIZE	REINFORCING	REMARKS					
F6.0	6'-0" x 6'-0" x 1'-2"	(7) #5 EACH WAY AT BOTTOM OF FOOTING						
F7.5	7'-6" x 7'-6" x 1'-4"	(7) #6 EACH WAY AT BOTTOM OF FOOTING						

FOOTINGS SCHEDULE NOTES:

- 1. TOP OF FOOTING ELEVATION = -1'-0" UNLESS NOTED OTHERWISE ON PLAN.
- 2. FOOTING DESIGN BASED ON 2500 PSF ALLOWABLE SOIL BEARING PRESSURE.
- 3. EQUALLY SPACE REINFORCING IN EACH DIRECTION.
- 4. PROVIDE 3" CLEAR TO REINFORCING AT BOTTOM OF FOOTING.

FOUNDATION NOTES:

- 1. SEE SHEET S0.1 AND S0.2 FOR GENERAL NOTES. SEE SHEET S0.4 FOR TYPICAL DETAILS. SEE SHEET S0.3 FOR TESTING AND INSPECTION NOTES.
- 2. SEE GEOTECHNICAL ENGINEERING REPORT FOR ALL FOUNDATION AND SLAB SUPPORT REQUIREMENTS. THIS INCLUDES ALL EXCAVATION, FILL AND FILL PLACEMENT REQUIREMENTS.
- 3. SEE ARCHITECTURAL/MECHANICAL DRAWINGS FOR DRAINS, SLOPES, AND OTHER FLOOR DEPRESSIONS NOT SHOWN.
- 4. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, ELEVATIONS, AND WALLS NOT SHOWN.
- 5. VERIFY ALL WINDOW AND DOOR WIDTH AND HEIGHTS WITH ARCHITECTURAL DRAWINGS.
- 6. SEE ARCHITECTURAL DRAWINGS FOR STUD SIZE, SPACING, AND CALLOUTS AT NON-STRUCTURAL WALLS. 7. FOR TYPICAL CONNECTION OF NON-LOAD BEARING WALLS TO SLAB, USE POWER
- ACTUATED FASTENERS AT 16" O.C. 8. PANEL DIMENSIONS SHOWN ARE TO CENTERLINE OF PANEL JOINT. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL PANEL DIMENSIONS.
- 9. ELEVATIONS OF PANELS ARE SHOWN STARTING ON SHEET S5.1 THROUGH S5.6.
- 10. UNLESS NOTED OTHERWISE, TILT-UP PANEL ELEVATIONS SHOW PANELS VIEWED FROM INSIDE OF BUILDING LOOKING TOWARDS BUILDING EXTERIOR.
- 11. POUR STRIP CONTROL JOINTS, LOCATE AT PANEL JOINTS AND MIDWAY BETWEEN. AT TURNS IN POUR STRIP ADD JOINTS FROM MAIN SLAB TO OUTSIDE WALL.
- 12. SEE 1/S3.2 FOR TRASH ENCLOSURE. SEE ARCHITECTURAL SITE PLAN FOR LOCATION.

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TILT-UP CONCRETE WALL. FOR REINFORCING REQUIREMENTS AND JOINT LOCATIONS, SEE TILT-UP CONCRETE PANEL ELEVATIONS ON SHEETS S5.1 THRU S5.6.

PANEL JOINT BETWEEN TILT-UP CONCRETE WALL PANELS.

There are two details provided on Sheet 2.0 that reflect a thickened footings around the Environmental chamber. Clarify and identify these details on the plans and verify that this has been installed in the location of the chamber.

(Construction Set, Sheet A2.3)

★ ★ (7



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PRCTI20241500



RED DOT CORPORATION 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI TEST LAB AREA

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description: PERMIT SUBMITTAL PERMIT RESUBMITTAL PERMIT RESUBMITTAL 2 MANUFACTURING PERMIT TEST LAB AREA PERMIT

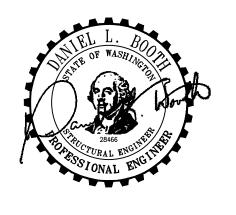
12/22/2022 02/03/2023 02/17/2023 04/06/2023 08/23/2024

Date

PROJECT:

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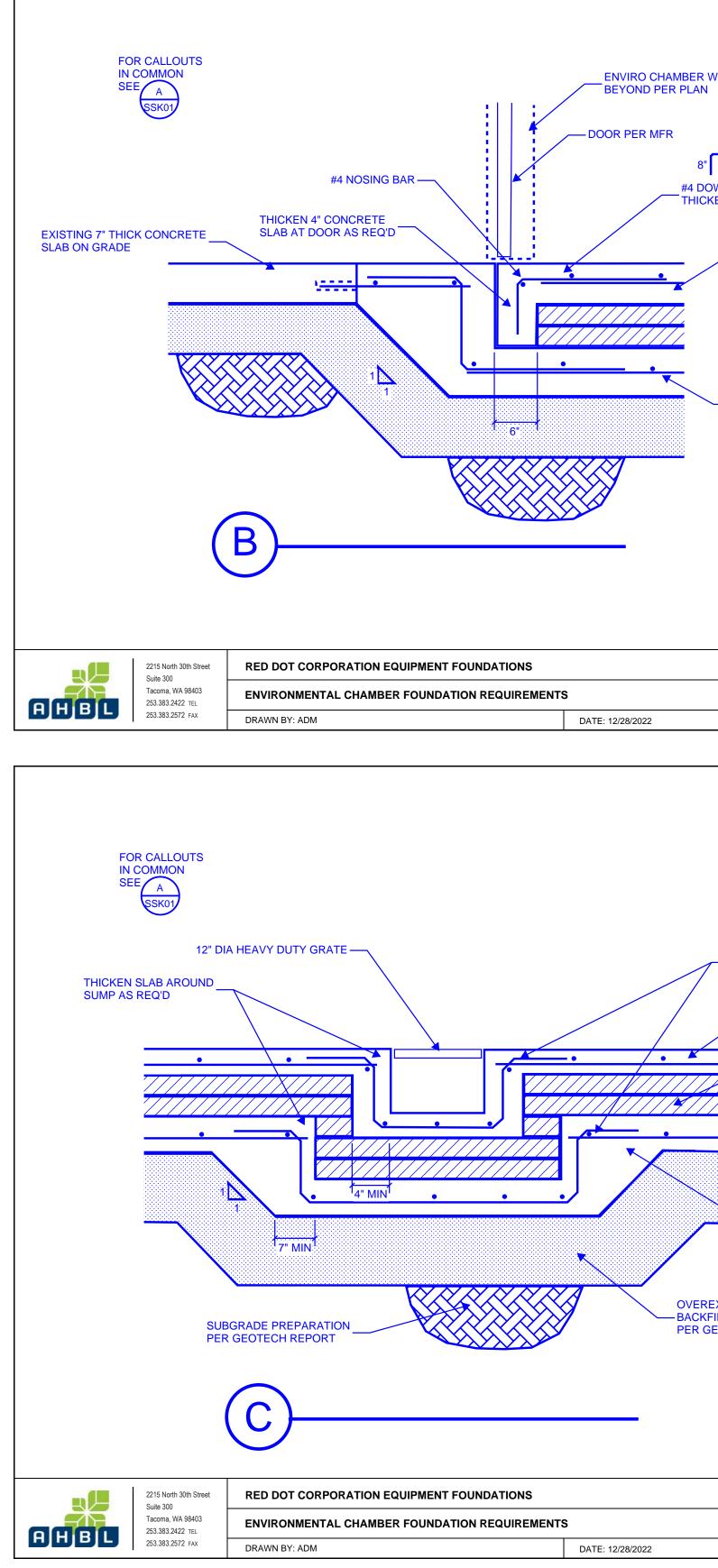


OVERALL FOUNDATION PLAN

Proj. No: 21.0000440.000 Reviewed By:

S1.0



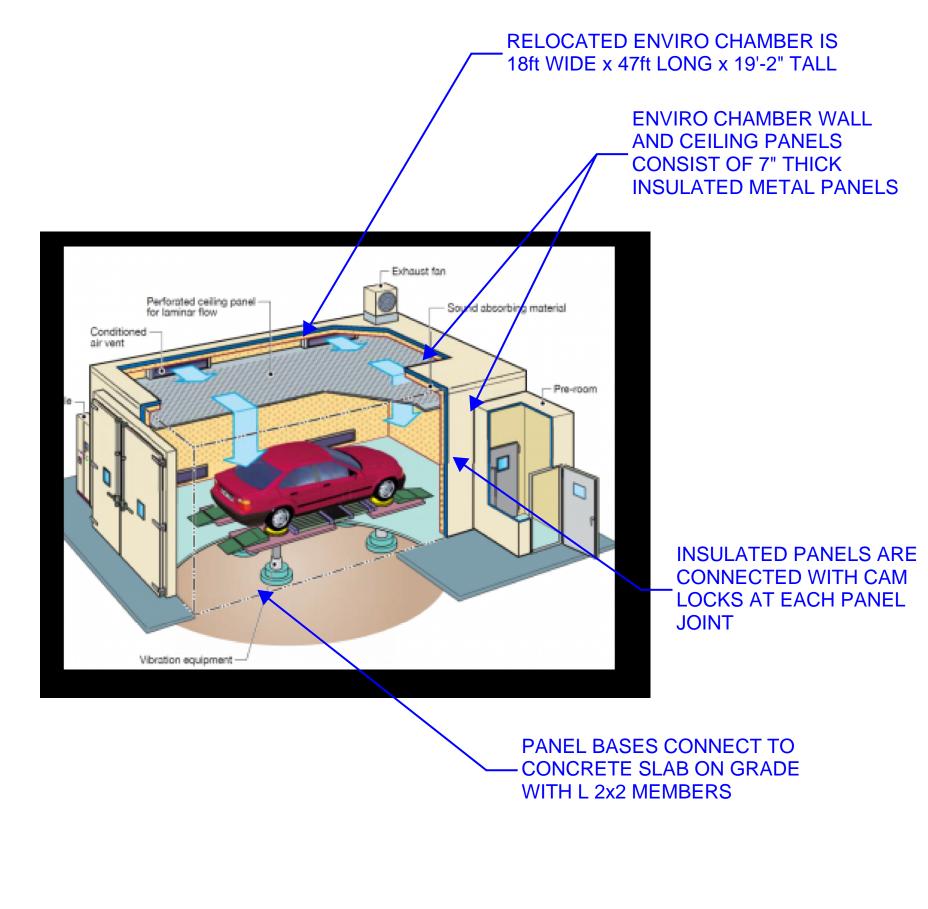


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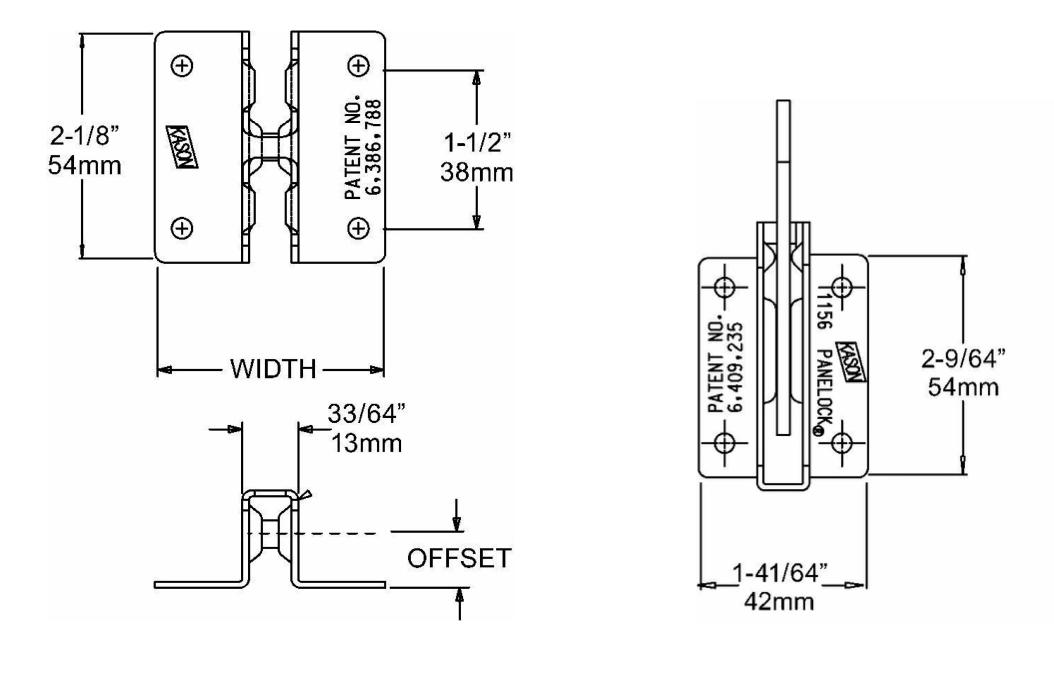
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Nelco Architecture, Inc.

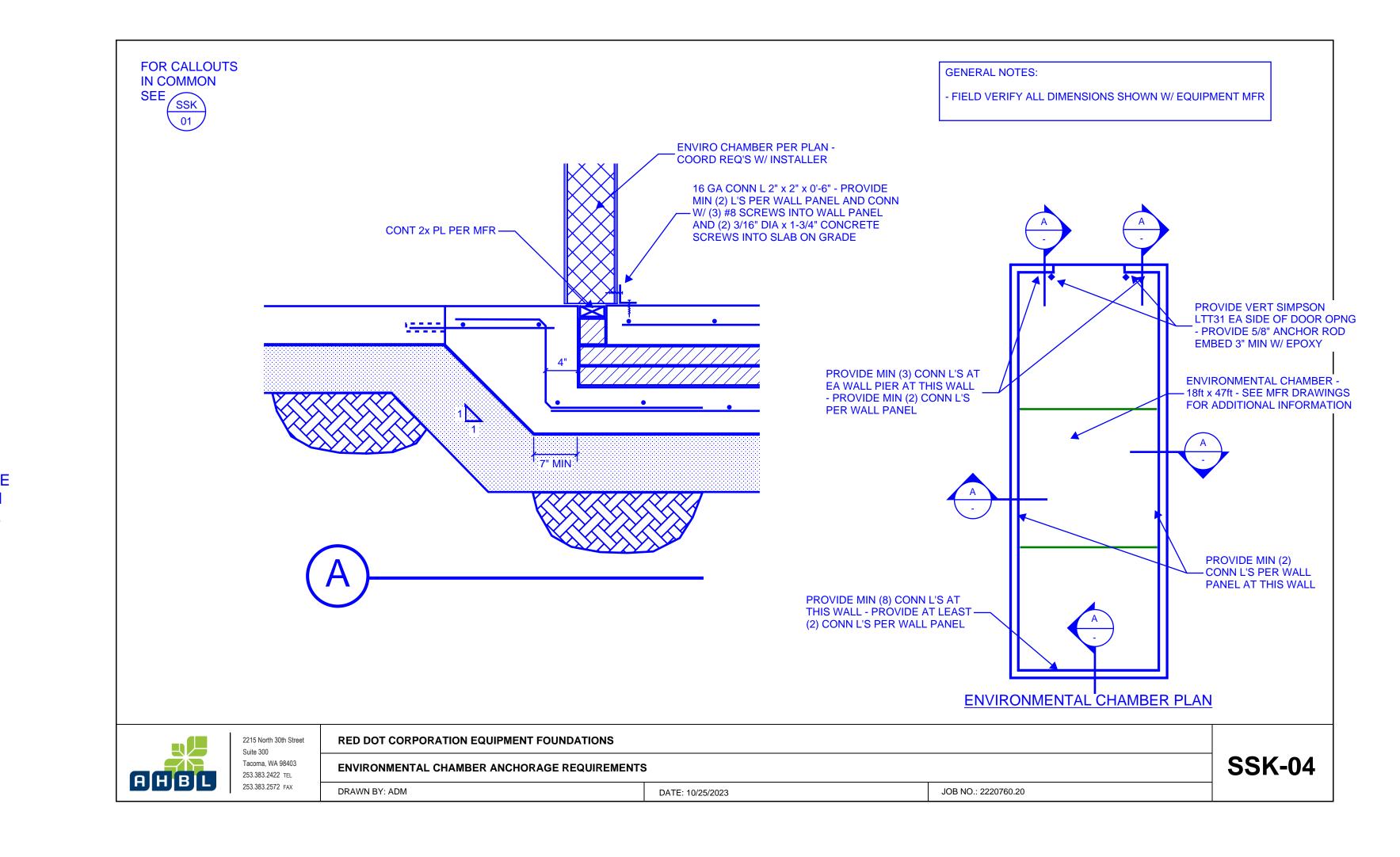
	1200 Fifth Ave. Suite 1300 Seattle, WA 98101 Phone: (206) 408-8500
GENERAL NOTES: - FIELD VERIFY ALL DIMENSIONS SHOWN W/ EQUIPMENT MFR - MIN CONCRETE STRENGTH (f'c) 6,000 psi - VERIFY ANCHORAGE REQUIREMENTS W/ EQUIPMENT MFR - VERIFY SUBGRADE REQUIREMENTS AND SURFACE PREPARATION WITH GEOTECH AND EQUIPMENT MFR.	WWW.NELSONWORLDWIDE.COM
NECESSARY TO MEET SLAB DEFLECTION REQUIREMENTS.	
CRETE SLAB ON ,000 psi MIN) - REINF AT 12"oc AT CL SLAB	
	PRCTI20241500
E SLAB W/ #4 EA _ SLAB	RedDOT
	RED DOT CORPORATION
	495 ANDOVER PARK EAST TUKWILA, WA 98188 PROJECT:
	RED DOT SHOP TI TEST LAB AREA
JOB NO.: 2220760.20	2504 EAST MAIN AVENUE PUYALLUP, WA 98372 Description: No: Date:
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YRENE INSULATION SIVE STRENGTH = MIL VAPOR BARRIER	TACOMA · SEATTLE · SPOKANE · TRI-CITIES 2215 North 30th Street, Suite 300 Tacoma, WA 98403 253.383.2422 TEL 253.383.2572 FAX www.ahbl.com WEB
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CRETE SLAB PEINF W/ #4 EA AT CL SLAB	TO A STONAL ENGINE
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1 ENVIRONMENTAL CHAMBER DIAGRAM S2.1 SCALE: NTS



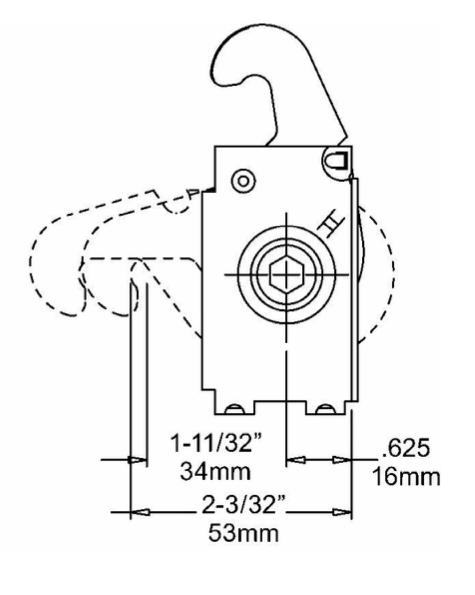


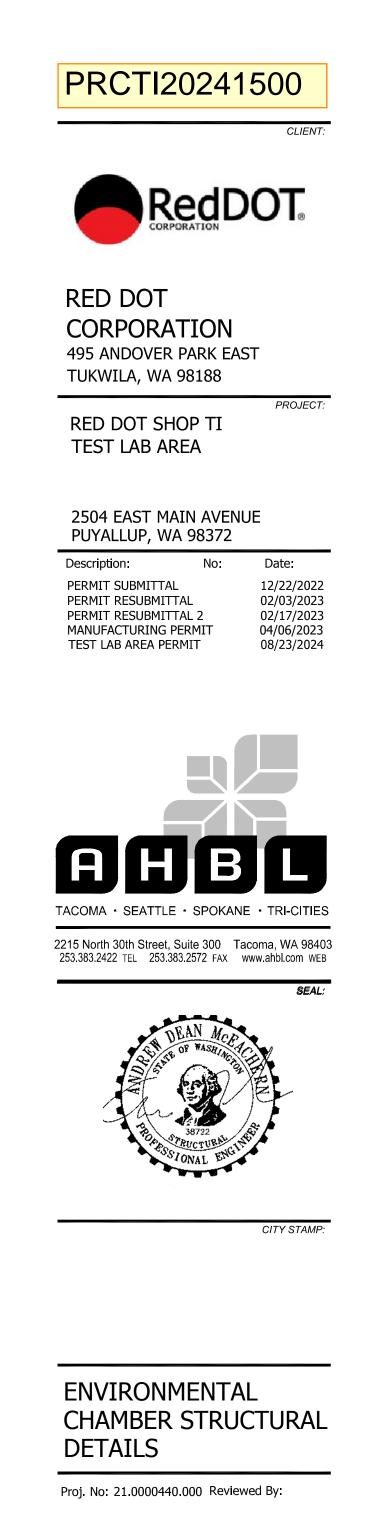




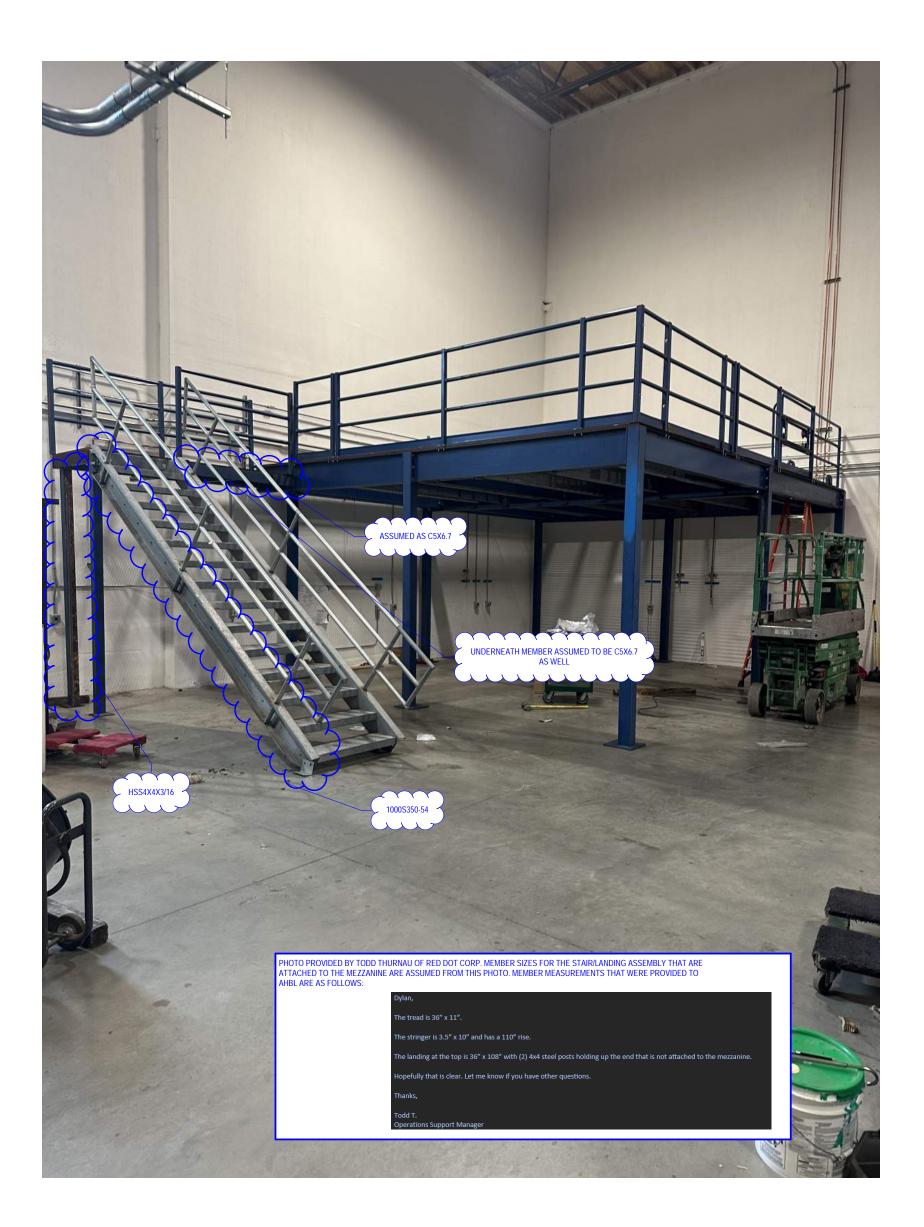
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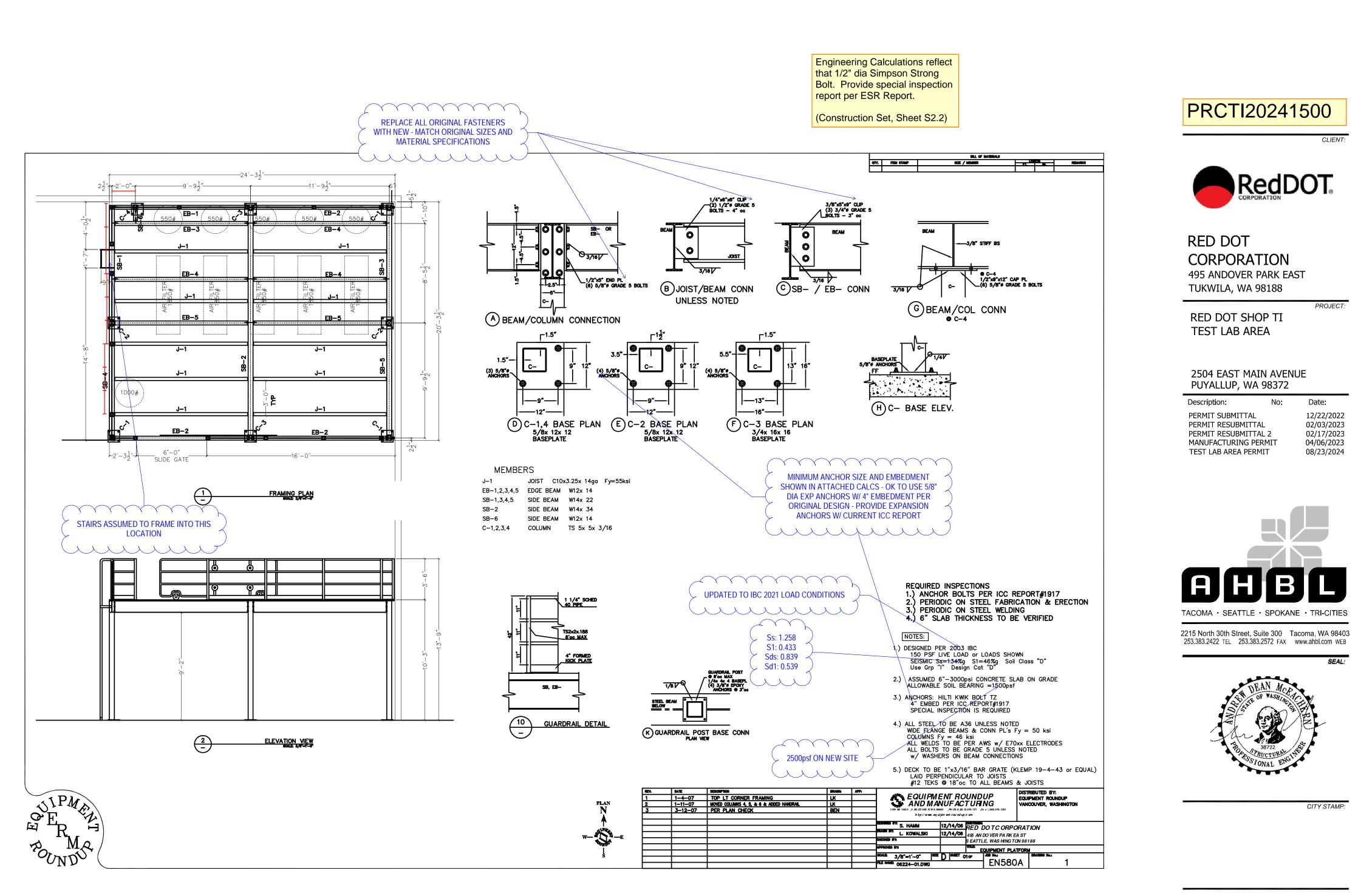


S2.1





1 CAMLOCK FASTENER DETAILS A2.3 SCALE: NTS





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MEZZANINE PLATFORM STRUCTURAL DETAILS

1.	DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT
2.	EXISTING PIPING AND EQUIPMENT TO REMAIN IS SHOWN LIGHT. NEW PIPING AND EC IS SHOWN HEAVY. EXISTING PIPING AND EQUIPMENT TO BE REMOVED IS SHOWN CROSSHATCHED.
3.	ARCHITECTURAL DRAWINGS SHALL BE REVIEWED FOR PROJECT SCOPE AND AREA OF WORK SHALL INCLUDE DEMOLITION AND REMOVAL OF EXISTING PLUMBING FIXTURES REQUIRED. PLUMBING IN EXISTING WALLS AND UNDER GROUND SHALL BE REMOVED CAPPED AS REQUIRED. RECONNECT EXISTING PIPING TO FIXTURES AND EQUIPMENT DEMOLITION AREA AS REQUIRED TO MAINTAIN A COMPLETE AND OPERABLE SYSTEM.
4.	THE OWNER RESERVES FIRST CHOICE TO KEEP EXISTING EQUIPMENT AND MATERIAL COORDINATE WITH OWNER AND DELIVER DESIGNATED EQUIPMENT AND MATERIALS RE UNDER THIS CONTRACT TO OWNERS DESIGNATED STORAGE AREA. REMAINING EQUIPM MATERIAL REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.
5.	REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, MU HEIGHTS, AND PLUMBING ROUGH-IN LOCATIONS. THIS SHALL INCLUDE, BUT NOT BE TO, ALL HANDICAPPED FIXTURES. OBTAIN EXACT FLOOR DRAIN AND FLOOR SINK LO FROM FOOD SERVICE DRAWINGS. ROUGH-IN LOCATIONS FOR KITCHENS, BARS, ETC TAKEN FROM APPROVED FOOD SERVICE SHOP DRAWINGS.
6.	ITEM DESIGNATIONS INDICATED ARE FOR PURPOSES OF THESE DOCUMENTS ONLY. CONTRACTOR SHALL VERIFY WITH OWNER ACTUAL DESIGNATION INFORMATION TO BE FOR EACH ITEM OF PLUMBING EQUIPMENT PRIOR TO NAMEPLATE ORDER RELEASE.
7.	THE PLUMBING DETAILS SHALL BE INCORPORATED INTO THE ASSOCIATED WORK AND GENERAL GUIDANCE AS TO THE INSTALLATION INTENT WHETHER REFERENCED TO OR IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY COMPONENTS F COMPLETE INSTALLATION AND ENSURE THAT ALL INSTALLATIONS ARE IN ACCORDANC THE EQUIPMENT'S LISTING AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTION
8.	REFER TO APPROVED FOOD SERVICE DRAWINGS AND SCHEDULES FOR KITCHEN AND LAYOUTS, PLUMBING REQUIREMENTS AND DETAILS. PROVIDE PIPING, VALVES, FIXTURI INDIRECT WASTE, PRESSURE REDUCING VALVES, ETC (NOT PROVIDED BY KITCHEN E CONTRACTOR) AS REQUIRED TO MAKE A COMPLETE AND OPERABLE SYSTEM (INCLUID DRAIN PIPING, VENTILATOR CONTROL PANEL PIPING, REFRIGERANT PIPING, BEER AND LINE RACEWAYS, DRAIN PIPING FROM REFRIGERATION FAN COILS, ETC). EXPOSED PI ABOVE COUNTER HEIGHT SHALL BE CHROME PLATED. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER AT CARBONATORS. VACUUM BREAKER AND PRESSURE REDUCE VALVES FOR HOOD HOT AND COLD WATER ARE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY DIVISION 22 (PLUMBING). COORDINATE WITH KITCHIEQUIPMENT CONTRACTOR ACCORDINGLY. PROVIDE SHUT–OFF VALVES AND CHECK VA EACH BRANCH LINE TO HOSE REELS, SOAP DISPENSERS AND EACH HOT AND COLD FAUCET THAT HAS A HOSE CONNECTION. PIPE 3/4" COLD WATER TO FILTER (BY K

- 10. PROVIDE SHEET METAL DRAIN PAN UNDER GRAVITY OR PUMPED DRAIN PIPING WHE OCCURS ABOVE KITCHENS, FOOD SERVICE PREP. FUTURE TENANT KITCHENS, OR FU SERVICE CORRIDORS. PIPE 3/4" DRAIN FROM DRAIN PAN TO OVER NEAREST FLOOP
- 11. PROVIDE SHEET METAL DRAIN PAN UNDER PIPING WHERE PIPING OCCURS ABOVE \imath ELECTRICAL ROOMS, IT CENTER, OR ELECTRICAL SWITCH GEAR. PIPE 3/4" DRAIN F PAN TO OVER NEAREST FLOOR SINK.
- 12. REFER TO APPROVED FOOD SERVICE DRAWINGS FOR HOT AND COLD WATER HOSE LOCATIONS UNDER HAND SINKS IN KITCHEN AREAS.
- REFER TO FOOD SERVICE DRAWINGS FOR SPECIFICATION OF MOP/SERVICE SINK IN KITCHEN AND PANTRY AREAS. WHERE FOOD SERVICE DRAWINGS DO NOT SPECIFY FIXTURE. USE PLUMBING FIXTURE SPECIFICATION FOR SERVICE SINK.

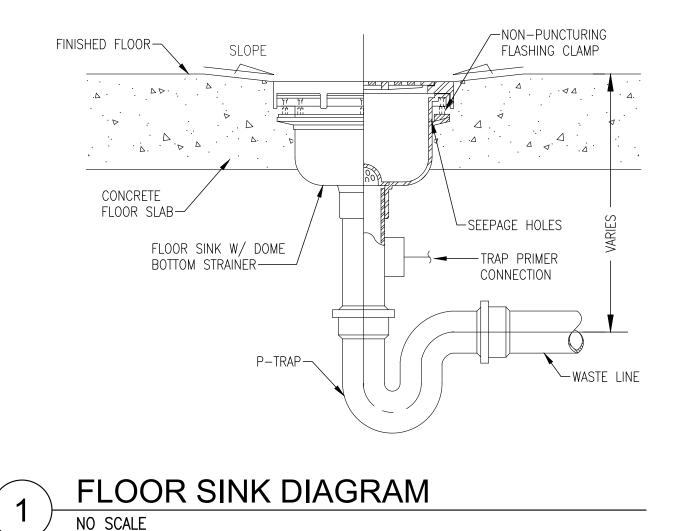
		PLUM
ITEM	FIXTURE	MFR
A	3 STAGE PARTS WASHER	_

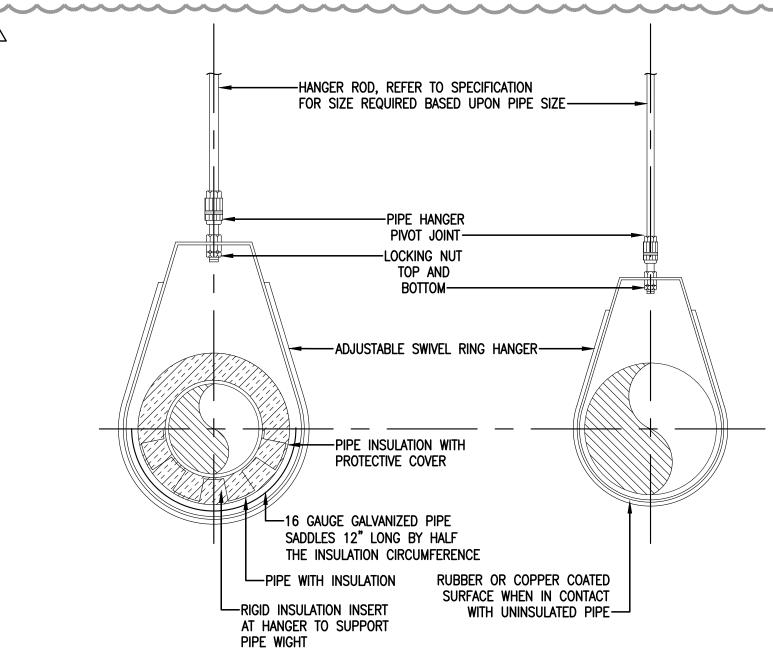
1.	INSTALL	SERVICE,	SHUT	OFF	AND	CHECK	VALVES,	COC

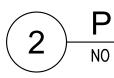
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<u>BP-1</u>

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	MOTOR					1					
TAG	SYSTEM SERVED	MANUFACTURER MODEL NUMBER	FLOW (GPM)	HEAD (FT)	HP (HP)	RPM (RPM)	FLA (AMPS)	V PH	$\mathbf{\hat{s}}$	FIXTURE	
<u>SP-1</u>	FLOORSINK	ZOELLER MODEL 152	53	15	4/10	1750	8.0	120/1	3	3 STAGE PARTS WASHER	
<u>SP-2</u>	BATHROOM	ZOELLER 900SERIES M53	43	19	3/10	1550	9.6	115/1		NOTE: FIXTURE VALUE NOTED IS PLUMBING CODE.	5







DI LIMRING GENERAL NOTES

		FLUMBING GENERAL NOTES
DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK.		
EXISTING PIPING AND EQUIPMENT TO REMAIN IS SHOWN LIGHT. NEW PIPING AND EQUIPMENT IS SHOWN HEAVY. EXISTING PIPING AND EQUIPMENT TO BE REMOVED IS SHOWN CROSSHATCHED.	14.	SEISMIC RESTRAINTS SHALL BE PROVIDED PER THE LATEST ADOPTED STANDARD BUILDING CODE AND THE SMACNA SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE PROPOSED RESTRAINTS, STRUCTURAL ATTACHMENT METHODS, AND RESTRAINT LOCATIONS TO THE ARCHITECT FOR REVIEW. THE SUBMITTED DOCUMENTS SHALL BE PREPARED AND STAMPED BY A STRUCTURAL
ARCHITECTURAL DRAWINGS SHALL BE REVIEWED FOR PROJECT SCOPE AND AREA OF WORK. WORK SHALL INCLUDE DEMOLITION AND REMOVAL OF EXISTING PLUMBING FIXTURES AS	4.5	ENGINEER LICENSED IN THE PROJECT STATE.
REQUIRED. PLUMBING IN EXISTING WALLS AND UNDER GROUND SHALL BE REMOVED AND CAPPED AS REQUIRED. RECONNECT EXISTING PIPING TO FIXTURES AND EQUIPMENT NOT IN DEMOLITION AREA AS REQUIRED TO MAINTAIN A COMPLETE AND OPERABLE SYSTEM.	15.	COORDINATE SPRINKLER/STANDPIPE DRAIN REQUIREMENTS AND LOCATIONS WITH FIRE PROTECTION DIVISION OF WORK.
THE OWNER RESERVES FIRST CHOICE TO KEEP EXISTING EQUIPMENT AND MATERIALS. COORDINATE WITH OWNER AND DELIVER DESIGNATED EQUIPMENT AND MATERIALS REMOVED UNDER THIS CONTRACT TO OWNERS DESIGNATED STORAGE AREA. REMAINING EQUIPMENT AND	16.	REFER TO CIVIL DRAWINGS FOR INVERT AT SITE UTILITY POINTS OF CONNECTION. PROVIDE OFFSET AND INCREASER FOR STORM DRAIN OR SEWER AS REQUIRED FOR CONNECTION TO CIVIL.
MATERIAL REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.	17.	GREASE TRAP INSTALLATION SHALL CONFORM WITH APPLICABLE COUNTY REQUIREMENTS. MANHOLE SPACING SHALL NOT EXCEED 10'-0" ON CENTER. PROVIDE QUANTITY AS REQUIRED
REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, MOUNTING HEIGHTS, AND PLUMBING ROUGH-IN LOCATIONS. THIS SHALL INCLUDE, BUT NOT BE LIMITED	10	TO COMPLY WITH MAXIMUM SPACING. COORDINATE WITH CIVIL DIVISION OF WORK.
TO, ALL HANDICAPPED FIXTURES. OBTAIN EXACT FLOOR DRAIN AND FLOOR SINK LOCATIONS FROM FOOD SERVICE DRAWINGS. ROUGH—IN LOCATIONS FOR KITCHENS, BARS, ETC TO BE TAKEN FROM APPROVED FOOD SERVICE SHOP DRAWINGS.	18.	PROVIDE TRAP PRIMERS FOR AREAS OF INFREQUENT USE, INCLUDING FLOOR DRAINS IN RESTROOMS AND MECHANICAL ROOMS, EQUAL TO PRECISION PRODUCTS CO. "PRIME-RITE," WITH DISTRIBUTION UNITS FOR MULTIPLE FLOOR DRAINS AND FLOOR SINKS. TRAP PRIMER SHALL BE ACCESSIBLE AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. PROVIDE LINE
ITEM DESIGNATIONS INDICATED ARE FOR PURPOSES OF THESE DOCUMENTS ONLY. CONTRACTOR SHALL VERIFY WITH OWNER ACTUAL DESIGNATION INFORMATION TO BE PROVIDED FOR EACH ITEM OF PLUMBING EQUIPMENT PRIOR TO NAMEPLATE ORDER RELEASE.		SIZE SHUT-OFF VALVE AHEAD OF EACH TRAP PRIMER AND PRIMER LINE SHALL BE INSTALLED ON A COLD WATER LINE LESS THAN 2" DIAMETER. ALL ELECTRONIC TYPE TRAP PRIMERS SHALL BE PPP "PRIME-TIME ELECTRONIC TRAP PRIMING MANIFOLD" WITH FOUR (4) TO 30 OUTLETS, VACUUM BREAKER, 24 HOUR CLOCK, MANUAL OVERRIDE, SOLENOID VALVE,
THE PLUMBING DETAILS SHALL BE INCORPORATED INTO THE ASSOCIATED WORK AND PROVIDE GENERAL GUIDANCE AS TO THE INSTALLATION INTENT WHETHER REFERENCED TO OR NOT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY COMPONENTS FOR A COMPLETE INSTALLATION AND ENSURE THAT ALL INSTALLATIONS ARE IN ACCORDANCE WITH THE EQUIPMENT'S LISTING AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTION.		CALIBRATED MANIFOLD WITH 1/2" OUTLET COMPRESSION FITTINGS. PROVIDE 3/4" SHUT-OFF VALVE ON INLET. (ELECTRONIC TRAP PRIMERS TO BE LOCATED IN MECHANICAL ROOMS AND WHERE NOTED. PROVIDE RECESSED MOUNT IN STUD WALLS AND SURFACE MOUNT ON CONCRETE AND BLOCK WALLS.)
REFER TO APPROVED FOOD SERVICE DRAWINGS AND SCHEDULES FOR KITCHEN AND BAR LAYOUTS, PLUMBING REQUIREMENTS AND DETAILS. PROVIDE PIPING, VALVES, FIXTURES,	19.	REFER TO FLOW CONTROL VALVE DETAIL FOR NOMINAL GPM AT EACH HOT WATER RETURN BRANCH LINE CONNECTION.
INDIRECT WASTE, PRESSURE REDUCING VALVES, ETC (NOT PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR) AS REQUIRED TO MAKE A COMPLETE AND OPERABLE SYSTEM (INCLUDING HOOD DRAIN PIPING, VENTILATOR CONTROL PANEL PIPING, REFRIGERANT PIPING, BEER AND SYRUP LINE RACEWAYS, DRAIN PIPING FROM REFRIGERATION FAN COILS, ETC). EXPOSED PIPING	20.	HOT WATER RETURN PIPING BRANCH LINES TO DROP DOWN IN WALL AND CONNECT TO HOT WATER SUPPLY AT STOPS, OR AT TEMPERING STATIONS. REFER TO DETAIL SHEET FOR DIAGRAMS SHOWING CONNECTIONS.
ABOVE COUNTER HEIGHT SHALL BE CHROME PLATED. PROVIDE REDUCED PRESSURE TYPE BACKFLOW PREVENTER AT CARBONATORS. VACUUM BREAKER AND PRESSURE REDUCING	21.	ARRANGE WATER HEATERS AND PIPING TO PROVIDE EASE OF DISASSEMBLY AND MAINTENANCE.
VALVES FOR HOOD HOT AND COLD WATER ARE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY DIVISION 22 (PLUMBING). COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR ACCORDINGLY. PROVIDE SHUT-OFF VALVES AND CHECK VALVES ON	22.	PLUMBING RISERS, DRAIN STACKS, AND BRANCH PIPING OFF MAINS SHALL BE COORDINATED WITH MECHANICAL DUCTWORK, MECHANICAL PIPING, AND FIRE PROTECTION PIPING SYSTEMS.
EACH BRANCH LINE TO HOSE REELS, SOAP DISPENSERS AND EACH HOT AND COLD WATER FAUCET THAT HAS A HOSE CONNECTION. PIPE 3/4" COLD WATER TO FILTER (BY KITCHEN EQUIPMENT CONTRACTOR) WITH SHUT-OFF VALVE PIPING FROM FILTER TO EQUIPMENT ROUTED IN WALL.	23.	INSTALL PIPING HIGH AS POSSIBLE. AS IN THE CASE OF WAREHOUSE AREAS, IN ORDER TO ALLOW FOR SHELVING AND RACKING SYSTEMS OR OTHER SPECIAL CONDITIONS THAT MAY ARISE.
PROVIDE STAINLESS STEEL WASTE PIPE AND P-TRAP AT ALL BARS, SODA STATIONS, WAITRESS STATIONS, AND BEVERAGE STATIONS ABOVE GRADE (SCHEDULE 40 PVC FOR BELOW GRADE).	24.	WHERE REMOTE CHILLER IS TO BE PROVIDED WITH AN ELECTRIC WATER COOLER, PIPE $1/2$ " COLD WATER WITH SHUT-OFF VALVE TO REMOTE CHILLER AND INTERCONNECT WITH FOUNTAIN.
RUN-OUTS SHALL BE MINIMUM 20'-0" OF STAINLESS STEEL DRAIN PIPE, OR TO THE MAIN DRAIN OF AREA SERVED.	25.	INDUSTRIAL COLD WATER PIPING SERVING LANDSCAPE PLANTERS AND TREES SHALL BE SUPPLIED THROUGH BACKFLOW PREVENTER BY LANDSCAPE SECTION. REFER TO LANDSCAPE DRAWINGS FOR FINAL STUB-UP AND TERMINATION SERVING ALL PLANTERS AND STATIONS.
PROVIDE SHEET METAL DRAIN PAN UNDER GRAVITY OR PUMPED DRAIN PIPING WHERE PIPING OCCURS ABOVE KITCHENS, FOOD SERVICE PREP, FUTURE TENANT KITCHENS, OR FOOD SERVICE CORRIDORS. PIPE 3/4" DRAIN FROM DRAIN PAN TO OVER NEAREST FLOOR SINK.	26.	FUTURE TENANT ROUGH—IN FOR GREASE, WASTE, GAS, WATER AND VENT PIPING SHALL BE MINIMUM $\pm 2^{\prime}$ –0" BELOW STRUCTURE. (ROUGH—IN HEIGHT SHALL BE COORDINATED WITH ARCHITECT AND WITH OTHER DIVISIONS OF WORK.)
PROVIDE SHEET METAL DRAIN PAN UNDER PIPING WHERE PIPING OCCURS ABOVE ANY ELECTRICAL ROOMS, IT CENTER, OR ELECTRICAL SWITCH GEAR. PIPE 3/4" DRAIN FROM DRAIN PAN TO OVER NEAREST FLOOR SINK.	27.	GREASE WASTE PIPING SHALL PITCH AT 2% PER FOOT WHERE INVERT ALLOWS.
REFER TO APPROVED FOOD SERVICE DRAWINGS FOR HOT AND COLD WATER HOSE BIBB LOCATIONS UNDER HAND SINKS IN KITCHEN AREAS.	28.	GREASE WASTE PIPING BELOW GRADE SHALL BE URECON PRE-INSULATED SCHEDULE 40 PVC PIPE WITH SOLVENT WELD JOINTS, MANUFACTURED FROM VIRGIN TYPE 1, GRADE 1 PVC CONFORMING TO ASTM RESIN SPECIFICATION D 1784 AND SHALL BE FULLY COMPATIBLE AND

EDULE 40 PVC E 1 PVC MPATIBLE AND INTERCHANGEABLE WITH COMMERCIAL PVC. PIPES SHALL BE INSULATED BY URECON "UIP" VOID FREE INSULATION PROCESS WITH AN INTEGRAL CONDUIT AND SHALL INCLUDE FOR THERMOCABLE HEAT TRACE SYSTEM AT 105°, CONSTANT WATT, 208V/1~. (2", 3" AND 4" PIPE = 1 RUN OF C13-240 CABLE, 6" PIPE = 2 RUNS OF C10-240 CABLE) INSULATION

TOTAL: 16 2

THICKNESS SHALL BE 2". INSULATION SHALL BE WRAPPED WITH A 50 mm POLYETHYLENE BLACK TAPE. INSTALLATION SHALL BE PER MANUFACTURER'S GUIDE LINES. URECON SHALL PROVIDE INSULATION KIT FOR ALL FITTINGS. (URECON PRE-INSULATED PIPE 780-985-3636). CONTRACTOR SHALL VERIFY THE NUMBER OF CONTROL BOXES AND COMPONENTS WITH URECON MANUFACTURER REPORT FOR COMPLETE AND OPERABLE SYSTEM. GREASE WASTE PIPE ABOVE GRADE SHALL BE NO-HUB CAST IRON, INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE A SELF-REGULATING TEMPERATURE MAINTENANCE SYSTEM EQUAL TO RAYCHEM 8XL2-CR FOR 105°F DESIGN TEMPERATURE. STRAIGHT TRACED AND INSTALLED UNDER 1" PREFORMED FIBERGLASS PIPE INSULATION WITH VAPOR BARRIER. PROVIDE POWER CONNECTION KIT, TEE CONNECTION KITS AND END SEAL KIT AND SPLICE KITS AS REQUIRED INSTALLATION AND TESTING SHALL COMPLY IN ALL RESPECTS WITH MANUFACTURER'S INSTALLATION AND TESTING PROCEDURES. SUBMIT TEST REPORT TO ARCHITECT FOR REVIEW. SYSTEM SHALL BE 208V/1~ SERVICE. PROVIDE GLASS TAPE TO TAPE HEATING CABLE TO THE PIPE, ALSO PROVIDE "ELECTRIC TRACED" LABEL AND LOCATE PER MANUFACTURER'S RECOMMENDATIONS.

- 29. PROVIDE A 6mm POLYETHYLENE SLEEVE EQUAL TO IPS WATER-TITE FOR COPPER DOMESTIC WATER PIPE BELOW SLAB.
- 30. HOT AND COLD WATER SHUT-OFF VALVES AND HOT WATER RETURN THROTTLING VALVES SHALL BE LOCATED TO BE EASILY ACCESSED.
- 31. PROVIDE STAINLESS STEEL BASKET AT KITCHEN AND BAR FLOOR SINKS. DRAIN SPECIALTIES MODEL NUMBER DS-200.
- 32. PROVIDE WALL CLEANOUTS AT SINKS AND URINALS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE ADOPTED STANDARD PLUMBING CODE.
- 33. REFER TO MIXING VALVE DETAIL FOR LAVATORY/SINK TEMPERED WATER DETAIL. PROVIDE THERMOSTATIC TYPE MIXING VALVE AS INDICATED.
- 34. MINIMUM DISTANCE FOR CONNECTIONS AT THE BASE OF SOVENT STACKS ARE 5'-O" FOR 6" STACK. 4'-2" FOR 5" STACK. 3'-4" FOR 4" STACK AND 2'-6" FOR 3" STACK. THIS DISTANCE SHALL APPLY TO ALL CONNECTIONS, INCLUDING FIXTURE BRANCHES.
- 35. THE CAST IRON SOVENT SYSTEM SHALL BE MANUFACTURED AND DISTRIBUTED BY CONNIE MANUFACTURING COMPANY OR APPROVED EQUAL. THE INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED DRAINAGE AND SPECIFICATIONS, AND IN COMPLIANCE WITH THE CAST IRON SOVENT DESIGN MANUAL. SOVENT AERATOR AND DEAERATOR FITTINGS SHALL BE IN COMPLIANCE WITH STANDARD ASME/ANSI B16.4519897, SPONSORED AND PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS. SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
- 36. VENTS THROUGH ROOF SHALL BE MINIMUM 10'-0" FROM ANY OUTSIDE AIR INTAKES AND BUILDING OPENINGS.
- 37. EQUIPMENT AND PIPING LOCATIONS SHOWN FROM BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY SIZE AND LOCATIONS PRIOR TO START OF WORK. IF SYSTEMS ARE NOT AS SHOWN IN DRAWINGS, REPORT DEVIATIONS TO ARCHITECT/ENGINEER WITHIN 48 HOURS OF DISCOVERY.
- 38. WHERE PIPING IS TO BE REMOVED TO A POINT, IT SHALL BE CAPPED OFF AND PROTECTED (WHERE APPLICABLE) FOR CONNECTION TO NEW WORK. INSULATION ON EXISTING PIPING SHALL BE REPAIRED OR REPLACED EQUAL TO NEW CONDITION.
- 39. PIPING CONNECTING TO REMOVED EQUIPMENT SHALL BE REMOVED TO A POINT SO AS NOT TO INTERFERE WITH NEW CONSTRUCTION.
- MBING FIXTURE SCHEDULE ROUGH-IN SIZE MODEL NO. NOTES TW HW CW VENT WASTE ELECTRICAL 1" _

OCKS, STOPS, AIR CUSHIONS, VACUUM BREAKERS, AND SAFETY DEVICES.

PLUMBING FIXTURE COUNT SUMMARY PER UPC 2018 TABLE 702.1 TOTAL FIXTURES TOTAL TOTAL EXISTING ADDED WSFU REMOVED DFU WSFU DFU WASHER 0 0 1 1 16 2 16 2

NOTED IS ESTIMATE BASED ON FLOW RATE BEING ESTIMATED. IT IS NOT A STANDARD FIXTURE AS LISTED BY

PU	MP SC	HEDU	Ē	<u> </u>		
	CAPACITY	FLOW	MAXIMUM	MOTOR		
MANUFACTURER MODEL NUMBER	(GALLONS)	(GPM)			V PH	
QUARK ELECTRONIC WATER BOOSTER	6	200	90	1 THRU 15	208/1	

PIPE (4" AND LOWER) HANGER DIAGRAM NO SCALE

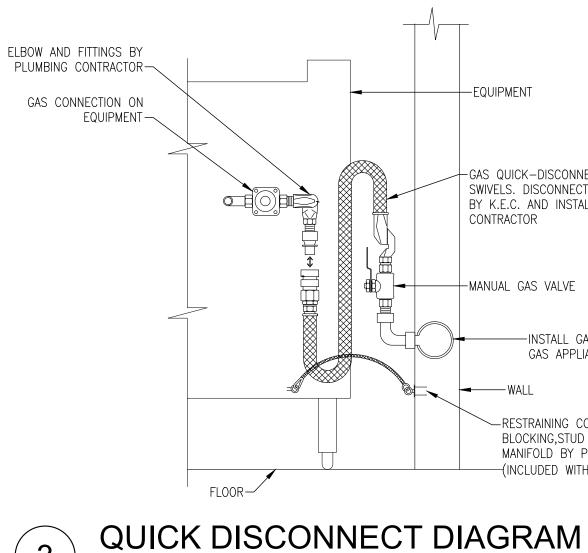
FIRE PROTECTION

- CALCULATIONS. PREPARATION OF SHOP DRAWINGS. FIELD INSTALLATION. COORDINATION AND COMPLETION IN ACCORDANCE WITH PROJECT REQUIREMENT AND APPLICABLE CODES AND STANDARDS.
- 2. PENETRATION OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED, FIRE STOPPING SHALL BE U.L. APPROVED MATERIAL.
- INSTALLATION OF THE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLAN AND SPECIFICATIONS, INCLUDING WATER SUPPLY INFORMATION HAVE BEEN APPROVED BY LOCAL FIRE DEPT. THE WORK OF THE SECTION SHALL BE INSTALLED UNDER SUPERVSION AND CONTROL OF A LICENSED FIRE
- SPRINKLER ENGINEER/CONTACTOR.
- APPLY AND PAY FOR ALL PERMITS, FEES, INSPECTIONS SHALL COMPLY WITH WITH THE REQUIREMENTS OF NFPA-13, NFPA-72 (FIRE ALARM/MONITORING) INSURANCE CARRIER, LOCAL FIRE DEPT. AND ALL LOCAL ORDINANCES

F	PIPING MATERIAL SCHEDULE				
SERVICE	MATERIALS COMPLY WITH LATEST UPC MATERIAL REQUIREMENTS. (NOTE: ALL PIPING ABOVE GRADE SHALL BE LABELED ACCORDINGLY)				
DOMESTIC WATER (ABOVE GRADE)	TYPE 'L' HARD COPPER ASTM B88, FITTINGS: WROUGHT COPPER, CAST BRASS, CAST BRONZE, JOINTS: 95/5 LEAD FREE SOLDER, INSULATION: FIBERGLASS.				
NATURAL GAS (INDOOR ABOVE GRADE)	BLACK STEEL SCHEDULE 40, FITTINGS AND JOINTS: THREADED UP TO $2-1/2$ ", WELDED ABOVE $2-1/2$ "				
NATURAL GAS (OUTDOOR BELOW GRADE)	POLYETHYLENE D2513 MIN 14 AWG TRACER OR MAGNETIC TAPE PER AWWA STANDARD, FITTINGS AND JOINTS: CTS, IPS, NPS OR SDR SHALL MATCH.				
NATURAL GAS (OUTDOOR ABOVE GRADE)	BLACK STEEL SCHEDULE 40, FITTINGS AND JOINTS: THREADED UP TO $2-1/2$ ", WELDED ABOVE $2-1/2$ "				

SYSTEM DISINFECTION NOTICE

DOMESTIC WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION STANDARDS AWWA C651 FOR PIPING MAINS. ALL PIPING SHALL BE FLUSHED AND DISINFECTED UPON COMPLETION.



3

NO SCALE

AUTO

BMS

BOH

BOS

BTU

CFH

CFM

DDC

DDCFP

DIA (~)

EMCS

GPH

GPM

HOA

MBH

MPG

4

NO SCALE

40. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND PATCHING OF DAMAGED ARCHITECTURAL COMPONENTS TO REMAIN DURING THE REMOVAL OF DESIGNATED SYSTEMS. COORDINATE REPAIR REQUIREMENTS WITH ARCHITECT.

1 N	10.	TI	CE	

CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE FIRE SPRINKLER SYSTEM DESIGN, LAYOUT, HYDRAULIC

----EQUIPMENT

GAS QUICK-DISCONNECT WITH DOUBLE SWIVELS. DISCONNECT HOSE PROVIDE BY K.E.C. AND INSTALLED BY PLUMBING CONTRACTOR

GAS APPLIANCE DIAGRAM — WALL

-RESTRAINING CORD TO BE SECURED TO WALL BLOCKING,STUD OR GAS MANIFOLD BY PLUMBING CONTRACTOR -(INCLUDED WITH EQUIPMENT CONTRACTOR.

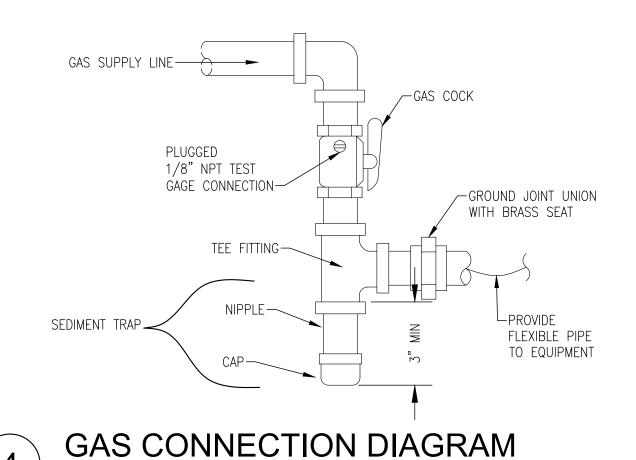
	SHEET INDEX			
ISSUE				
2023-10-16 CITY COMMENTS 2023-04-12 ISSUE FOR PERMIT				
X X	SHEET NUMBER	SHEET DESCRIPTION		
•••	P0.0	PLUMBING INDEX NOTES, SCHEDULES & DIAGRAMS		
•	P3.0	PLUMBING SITE PLAN – NON POTABLE WATER & GAS		
•	P3.1	PLUMBING ENLARGED PLAN – NON POTABLE WATER & GAS		
••	P3.2	PLUMBING ENLARGED PLAN – NON POTABLE WATER & GAS		
$\overleftarrow{\Lambda}$				

PLUMBING ABBREVIATION LIST

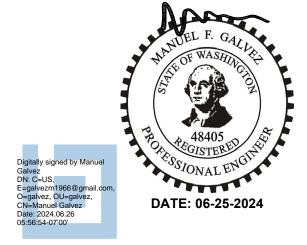
ACCESS DOOR / AREA DRAIN ABOVE FINISH FLOOR ACCESS PANEL	MCA MCC	MINIMUM CIRCUIT AMPS MOTOR CONTROL CENTER
	MH MIN	MANHOLE MINIMUM
BELOW FINISHED FLOOR BUILDING MANAGEMENT SYSTEM BACK OF HOUSE	MOCP	MAXIMUM OVER CURRENT PROTECTION
BOTTOM OF STEEL BRITISH THERMAL UNIT	NA NEC NFPA	NOT APPLICABLE NATIONAL ELECTRICAL CODE NATIONAL FIRE PROTECTION
DEGREES CELSIUS CUBIC FEET PER HOUR CUBIC FEET PER MINUTE	NIC NPSHA	ASSOCIATION NOT IN CONTRACT NET POSITIVE SUCTION HEAD
CHROME PLATED	NPSHR	AVAILABLE NET POSITIVE SUCTION HEAD
DIRECT CURRENT DIRECT DIGITAL CONTROL DIRECT DIGITAL CONTROL FIELD	NPT NPW	REQUIRED NATIONAL PIPE THREAD NON POTABLE WATER
PANEL DRINKING FOUNTAIN DIAMETER	OFCI	OWNER FURNISHED/CONTRACTOR INSTALLED
DOWN	Ρ	PUMP
EXISTING EFFICIENCY ENERGY MANAGEMENT CONTROL	PA PD PDI	PRESSURE AVAILABLE PRESSURE DROP PLUMBING DRAINAGE INSTITUTE
SYSTEM EXPANSION TANK ELECTRIC WATER COOLER	PH POC POD	PHASE POINT OF CONNECTION POINT OF DISCONNECT
DEGREES FAHRENHEIT FLOOR CLEAN OUT	POS PRV PSI	PROVIDE BY OTHER SECTION PRESSURE REDUCING VALVE POUND PER SQUARE INCH
FIRE HYDRANT FULL LOAD AMPS FEET PER MINUTE	PSIA PSIG	POUND PER SQUARE INCH ABSOLUTE POUND PER SQUARE INCH GAUGE
FEET PER SECOND FEET / FLUSH TANK	RPM	REVOLUTIONS PER MINUTE
FIXTURE UNITS FLUSH VALVE	S SEER SH	SINK, SOIL SEASONAL ENERGY EFFICIENCY RATIO SHOWER / STATIC HEAD
GALLONS GALLONS PER HOUR GALLONS PER MINUTE	SOV SP SQ FT (?)	SHUT–OFF VALVE STATIC PRESSURE SQUARE FEET
HEIGHT	SS	SERVICE SINK / STAINLESS STEEL
HEAD HAND OFF AUTO	T TAB	TEMPERATURE TESTING AND BALANCING
HORSEPOWER HOUR	TDH TEL	TOTAL DEVELOPED HEAD TOTAL EQUIVALENT LENGTH
HAND SINK HERTZ	TOS TP	TOP OF STEEL TRAP PRIMER
INTERNATIONAL BUILDING CODE	TS TW	TEMPERING STATION TEMPERED WATER
ICERT ELEVATION INTERNATIONAL FIRE CODE	TYP	TYPICAL
INTERNATIONAL FUEL GAS CODE INTERNATIONAL MECHANICAL CODE	U CMC	URINAL UNIFORM MECHANICAL CODE
INCH INTERNATIONAL PLUMBING CODE	UNO CMC	UNLESS NOTED OTHERWISE UNIFORM PLUMBING CODE
KILOWATT	V	VENT, VOLTS
LENGTH, LAVATORY LAVATORY POUNDS	W WC WFU	WIDTH, WASTE, WATT WATER CLOSET WATER FIXTURE UNITS
MAXIMUM	WG WH	WATER GAUGE WATER HEATER
1000 BRITISH THERMAL UNITS PER HOUR MEDIUM PRESSURE GAS	WP WPD	WATER PRESSURE WATER PRESSURE DROP

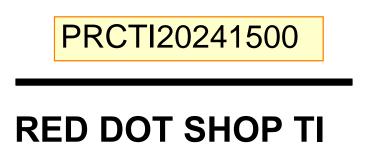
PLUMBING SYMBOL LIST

ABBREVIATION	SYMBOL	DESCRIPTION
	-	SHEET NOTE
	\triangle	REVISION NUMBER
NPW		NON POTABLE WATER
SOV	——————————————————————————————————————	SHUT-OFF VALVE
PRV	X	PRESSURE REDUCING VALVE
GC	X	GAS COCK
		PIPE DOWN
	0	PIPE UP
	O	PIPE TEE UP
		PIPE TEE DOWN
]	PIPE CAP









PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

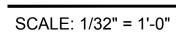
PLUMBING INDEX **NOTES, SCHEDULES &** DIAGRAMS

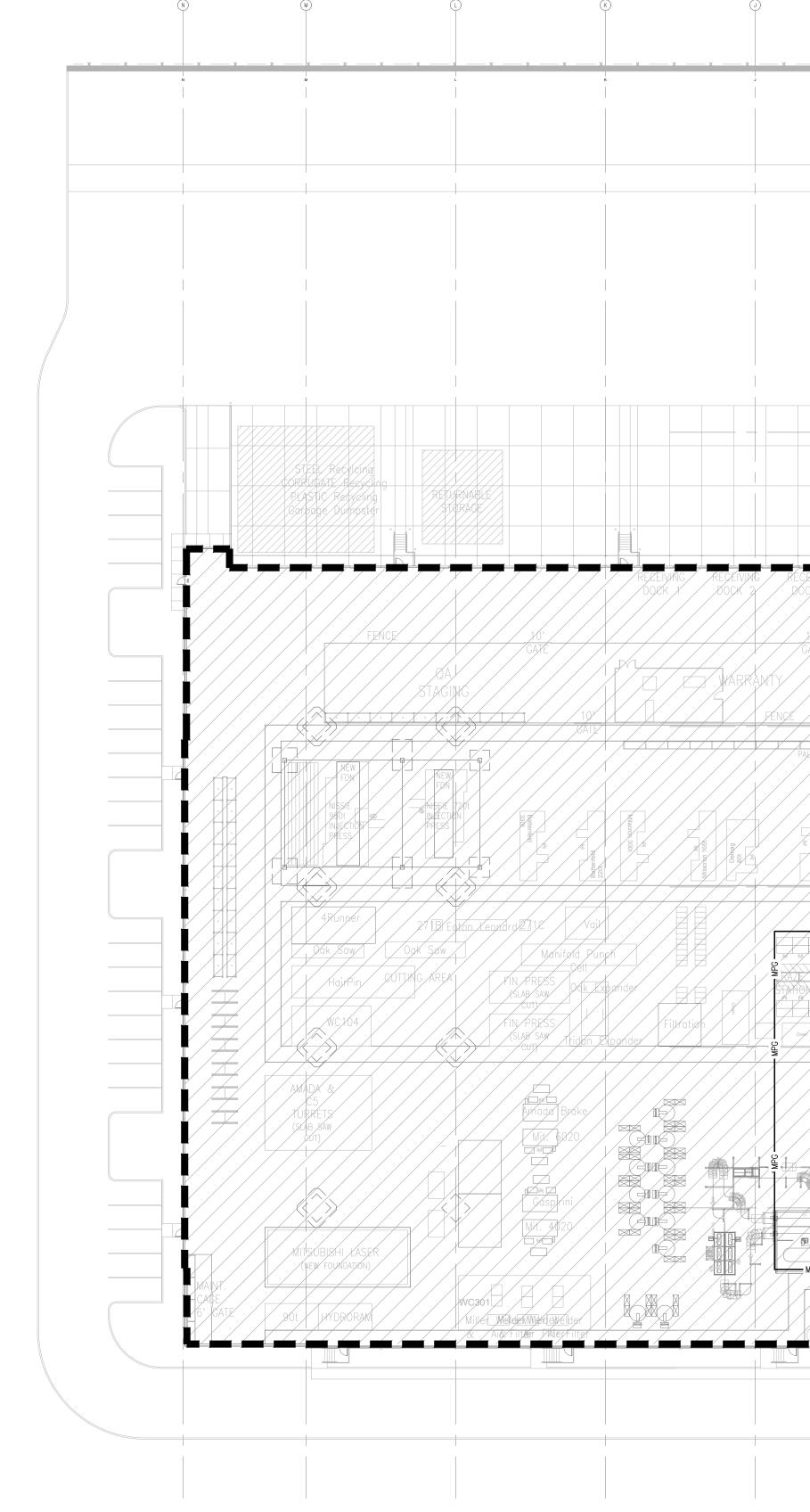
ISSUANCE					
No.	Description	Date			
	PERMIT SET	06/25/2024			
1	CITY COMMENTS	10/16/2023			

PROJECT INFORMATION	
PROJECT NUMBER:	
PROJECT LEAD: 2213	
DRAWN/ CHECKED BY: 2213	



PLUMBING SITE PLAN - NON POTABLE WATER & GAS

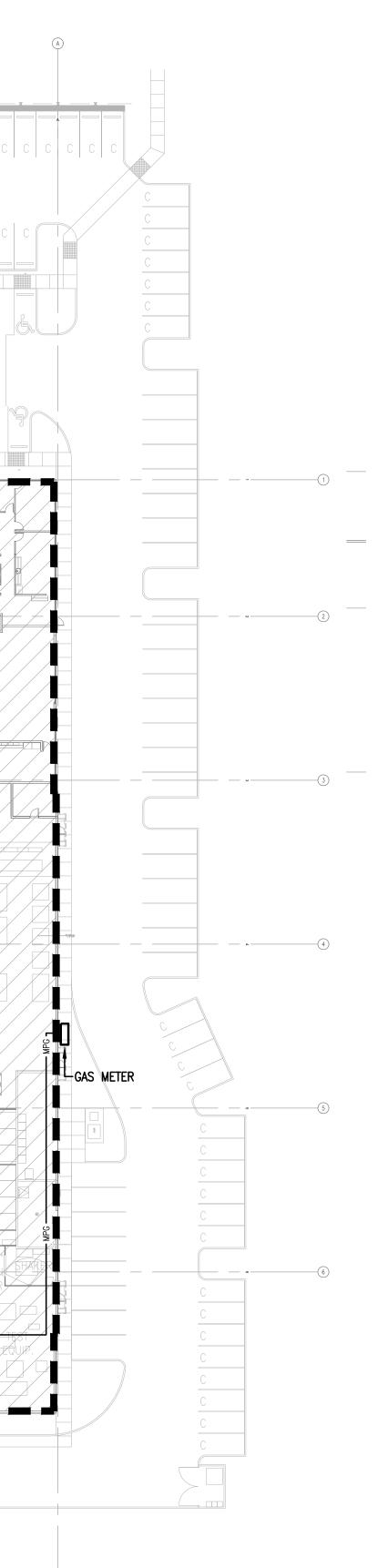




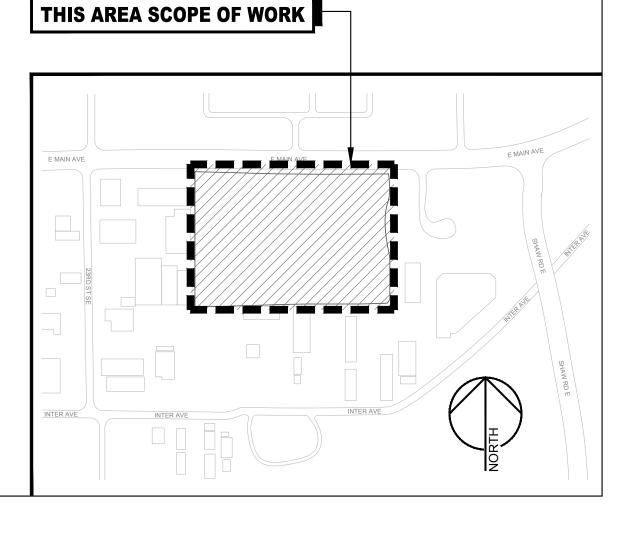
	CORRUGATE RAW MATERIAL STORAGE RACE R1 62	

NOTICE

- 1. CONTRACTOR TO COORDINATE ALL UTILITY CONNECTIONS WITH CIVIL PLANS AND LOCAL UTILITIES.
- 2. PLAN SHOWN FOR REFERENCE ONLY. REFER TO CIVIL AND ARCHITECTURAL PLANS.
- 3 REFER TO OWNER AND LANDSCAPE DESIGN FOR ANY LANDSCAPE REQUIREMENTS.
- 4. FIELD VERIFY AVAILABLE SITE PRESSURE PRIOR TO START OF WORK.

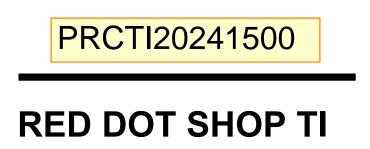












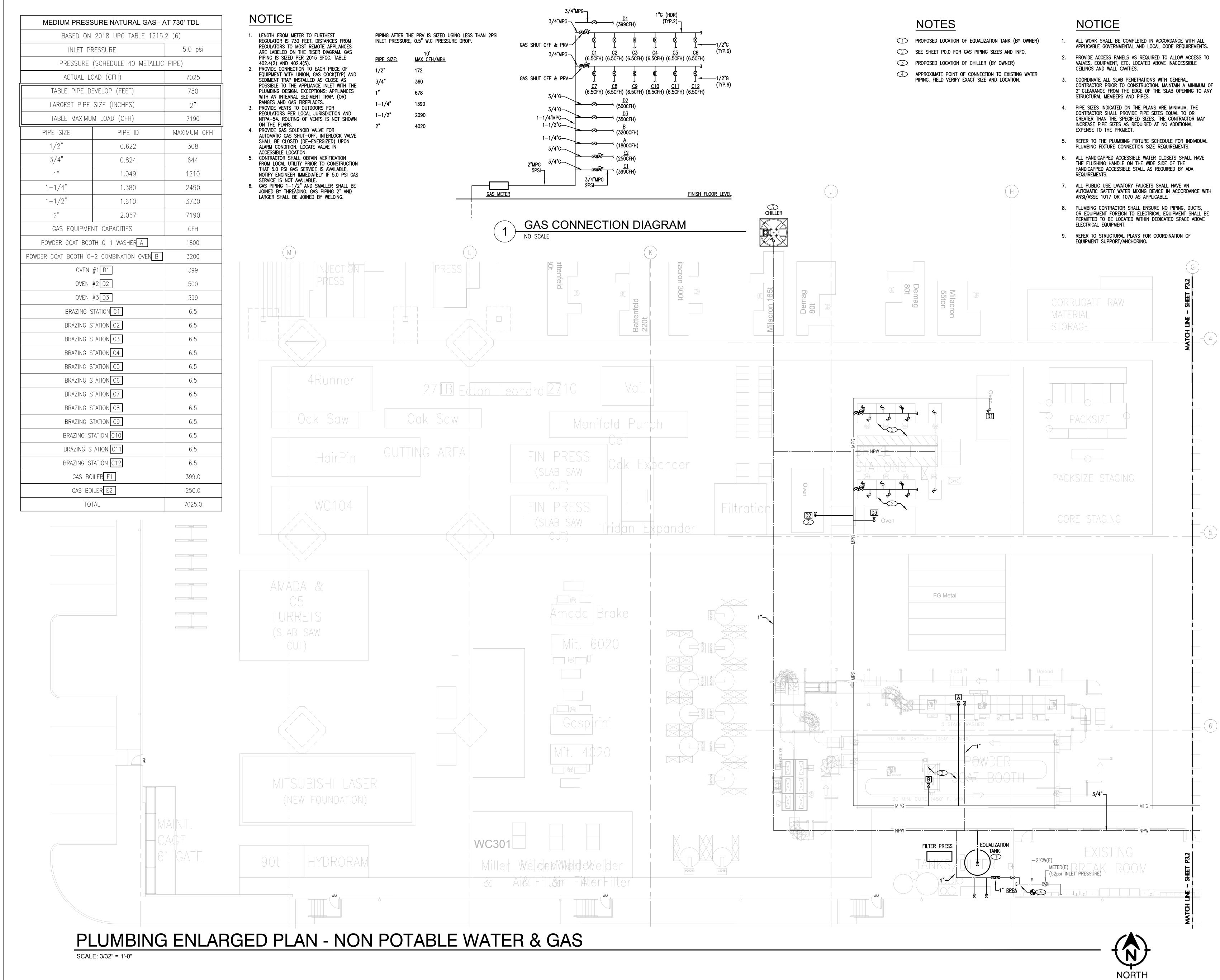
PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

PLUMBING SITE PLAN -NON POTABLE WATER & GAS

<u> </u>					
ISSUANCE					
No.	Description	Date			
	PERMIT SET	06/25/2024			
	•	•			

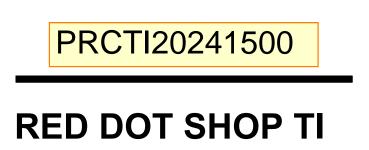
PROJECT INFORMATION	
PROJECT NUMBER:	
PROJECT LEAD: 2213	
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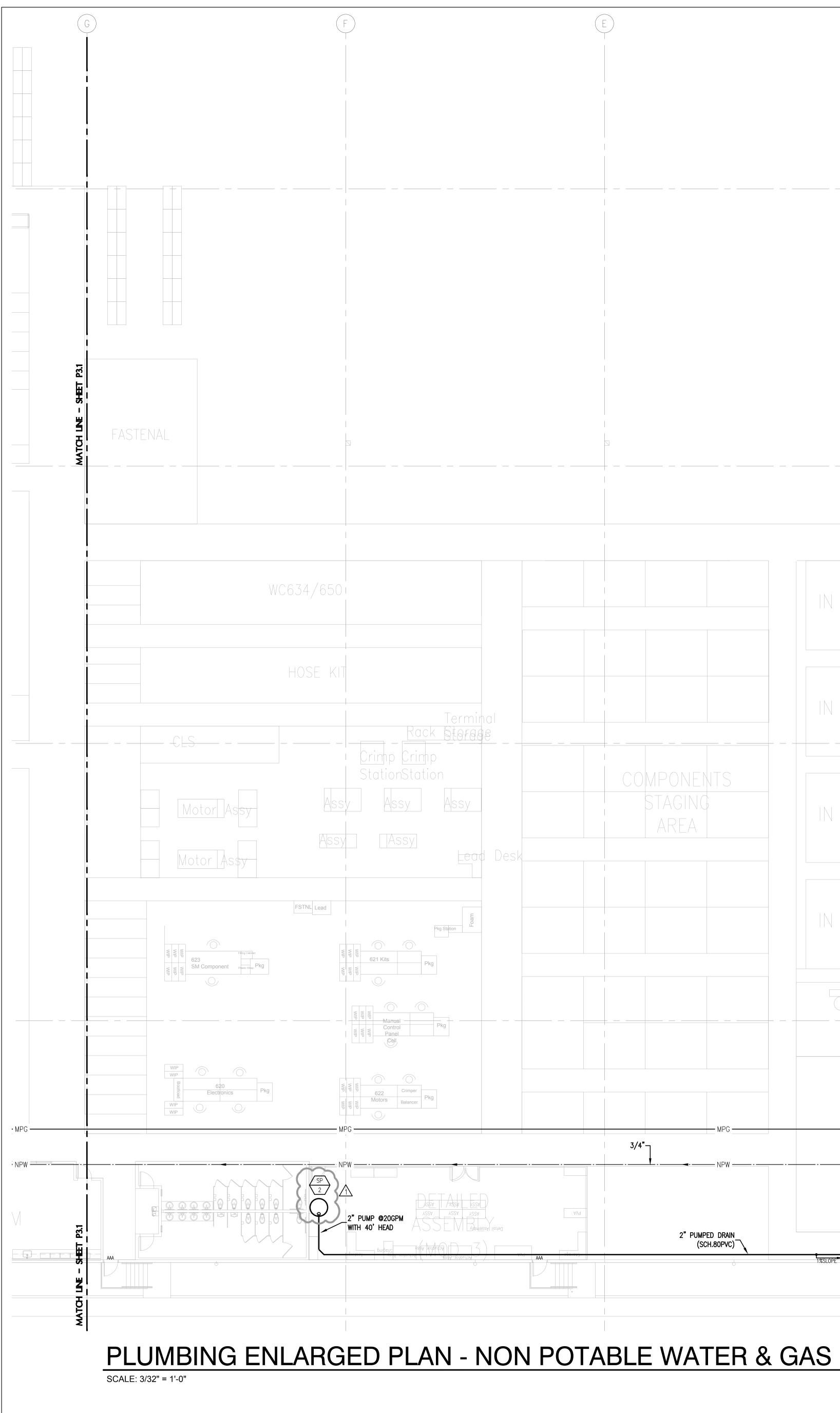
PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS

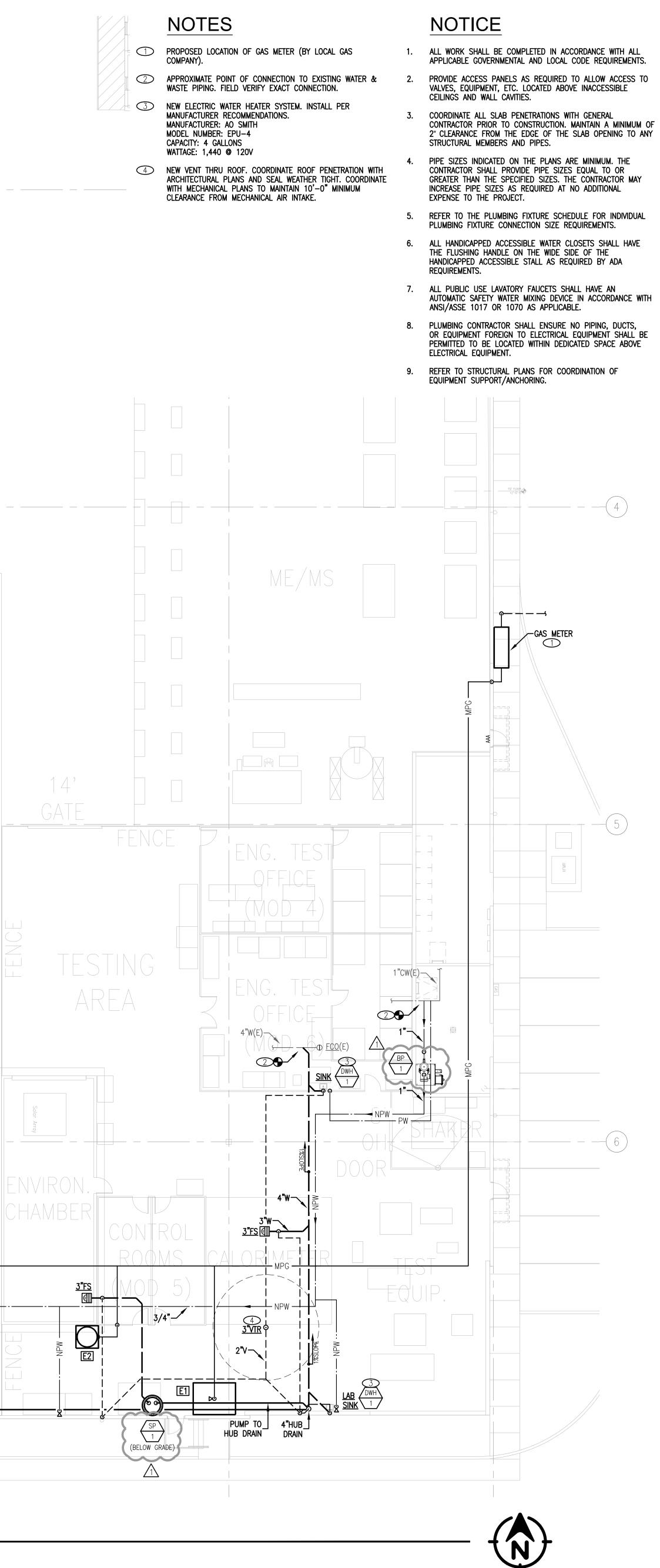
ISSUANCE					
No.	Description	Date			
	PERMIT SET	06/25/2024			

PROJECT INFORMATION PROJECT NUMBER: PROJECT LEAD: 2213 DRAWN/ CHECKED BY: 2213





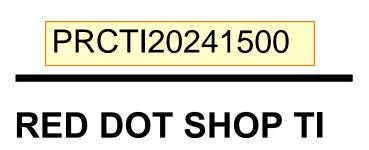
E					C
	☑ 				□
				ASSEMBLY	FINISH
					FINISH
	STA	ONENTS AGING REA			FINISH
					FINISH
				ASSEMBLY	
	3/4"	MPG		BUILD AREA	MPG / O U T NPW
AVq					
		2" PUMPED DRAIN (SCH.80PVC)	1%SLOPE		



NORTH







PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

PLUMBING ENLARGED **PLAN - NON POTABLE** WATER & GAS

ISSUANCE		
No.	Description	Date
	PERMIT SET	06/25/2024
1	CITY COMMENTS	10/16/2023

PROJECT INFORMATION PROJECT NUMBER: PROJECT LEAD: 2213 DRAWN/ CHECKED BY: 2213

