RED DOT CORPORATION RED DOT SHOP TI - PAINT BOOTH INSTALLATION

NELSON

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2504 EAST MAIN AVENUE PUYALLUP, WA 98372



EAST MAIN AVENUE	
652'-0" OVERALL 46'-0" 56'-0" 56'-0" 56'-0" 56'-0" 56'-0" 56'-0" 56'-0" 56'-0"	0" 56-0" 52'-0" 50'-0"
EXISTING TRUCK COURT	
Outsoad Memorial Content of the Cont	
	(E) OFFICE R MEZZ
SOPE OF MOSTAL	
(E) BREAK	
SITE/BUILDING PLAN NTS	

	DRAWING	S INDEX			
	SHEET NUMBER	SHEET TITLE	SHEET ISSUE DATE	REVISION ISSUE DATE	DRAWING REVISION NUMBER
3	GENERAL	······································	~~~~	~~~~	·
ξ	AN-0	COVER SHEET	12/22/2022	04/06/2023	3
	WAN-1	LIFE SAFETY PLAN	12/22/2022	02/03/2023	
	AN-3	GENERAL NOTES AND ABBREVIATIONS	12/22/2022		
	ARCHITECTUR	RAL			
	A2.1	OVERALL MANUFACTURING SHOP FLOOR PLAN	12/22/2022	02/17/2023	2
	A2.2	ENLARGED SHOP FLOOR PLAN - WEST	02/03/2023	02/17/2023	2
	A3.1	PAINT BOOTH SHOP DRAWINGS	12/22/2022	02/03/2023	1
	A3.3	PAINT BOOTH SHOP DRAWINGS	02/03/2023		
\wedge	A3.3	PAINT BOOTH SHOP DRAWINGS	02/03/2023		
/3	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PAINT BOOTH COUVEYOR CUT-SHEETS & DETAILS	02/03/2023	m	mm
۶	A3.5	EXHAUST PIPING ROOF PENETRATION DETAILS	04/06/2023		3
U	PLOMBING				
	P0.0	PLUMBING INDEX, NOTES, DIAGRAMS	02/03/2023	02/17/2023	2
	P3.0	PLUMBING SITE PLAN - WATER & GAS	02/03/2023	02/17/2023	2
	P3.1	PLUMBING ENLARGED PLAN - WATER & GAS	02/03/2023	02/17/2023	2
	P3.2	PLUMBING ENLARGED PLAN - WATER & GAS	02/03/2023	02/17/2023	2

PARKING REQUIREMENTS

	TOTAL (SF)	RATIO	STALLS REQ.	ADA STALLS REQ.	STALLS PROVIDED	ADA STALLS PROVIDED
MANUFACTURE/BREAK	19,340	1/500	39			
OFFICE NEW & EXIST	15,064	1/300	51			
TESTING/PROTOTYPE	14,511	1/1,000	15			
STORAGE/CIRCULATION	151,774	1/3,000	51			
TOTAL	200,689		156	6	190	5

PROJECI	DIKECI	ORY
LIENT:	RED DOT (CORPORATION
	ATTNI	TODD THUD

495 ANDOVER PARK EAST TUKWILA, WA 98188 206.394.3527 TODDTHURNAU@REDDOTCORP.COM ARCHITECT: **NELSON WORLDWIDE** MARK EVANS 1200 FIFTH AVE, #1300 SEATTLE, WA 98101 206.408.8519 MEVANS@NELSONWW.COM DREW McEACHERN 2215 NORTH 30TH ST, SUITE 300 TACOMA, WA 98403 253 383 2422 DMCEACHERN@AHBL.COM GENERAL CONTRACTOR: POE CONSTRUCTION ATTN: CLAY JOHNSON 1519 WEST VALLEY HIGHWAY NORTH, CUITE 103 AUBURN, WA 98001 206.406.3422 APFLUEGER@AHBL.COM

APPLICABLE CODES

2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2018 INTERNATIONAL FIRE CODE (IFC)
2018 UNIFORM PLUMBING CODE (UPC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 INTERNATIONAL FUEL GAS CODE (IFGC)
2018 NATIONAL ELECTRICAL CODE (NEC)
2018 WASHINGTON STATE AMENDMENTS
2018 WASHINGTON STATE ENERGY CODE

2018 IBC SECTION 429 WASHINGTON STATE AMENDMENTS

2017 ICC/ANSI A117.1 - ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

BUILDING INFORMATION

SITE ADDRESS:

2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

PARCEL NUMBER:

0420264065

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
OF R. NIX DLC TH N 88 DEG 50 MIN 04 SEC W 800 FT TH N 00 DE
30 MIN 31 SEC E 532.66 FT TH S 89 DEG 01 MIN 50 SEC E 799.95
FT 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

APPROVED BY:

REA: 198,146 SF F-1 (MANUFACTURING) / B (OFFICE) 4,297 SF OFFICE (NEW) (B)

PROPOSED SUITE AREA: 4,297 SF OFFICE (NEW) (B)
4,829 SF MEZZANINE OFFICE (NEW) (B)
3,220 SF OFFICE (EXISTING) (B)

200,689 SF TOTAL

2,718 SF MEZZANINE OFFICE (EXISTING) (B) 185,625 SF MANUFACTURING (F-1)

PROJECT DESCRIPTION

OCCUPANCY TYPE:

INSTALLATION OF MANUFACTURING EQUIPMENT AND MACHINES, CRANE STRUCTURE, ASSEMBLY AND TESTING WORK STATIONS AND STORAGE RACKING WITHIN EXISTING WAREHOUSE BUILDING. THIS SUBMITTAL IS SPECIFICALLY FOR INSTALLATION OF A POWDER COAT PAINT BOOTH AND ASSOCIATED CONVEYANCE SYSTEM. STRUCTURAL DESIGN OF ROOF PENETRATIONS FOR THE PAINT BOOTH MECHANICAL EXHAUST PIPING IS INCLUDED IN THIS RESUBMITTAL.

DEFERRED SUBMITTALS

FIRE SPRINKLER, FIRE ALARM, GENERATOR, EMERGENCY RADIO, STORAGE TANKS, RACKING, BUILDING SIGNS, MODULAR UNITS, FIRE SUPRESSION FOR PAINT BOOTH,

LIGHTING REQUIREMENTS

SCOPE OF WORK TO MEET OR EXCEED CURRENT WA STATE LIGHTING REQUIREMENTS.

ENERGY REQUIREMENTS

SCOPE OF WORK TO MEET OR EXCEED CURRENT WA STATE ENERGY REQUIREMENTS.

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 TO BE FULLY CONDITIONED,

NEW DEMISING WALL BETWEEN CONDITIONED / SEMI-CONDITIONED SPACES MEETS WSEC PRESCRIPTIVE STANDARD, SEE 3/A8.1.

ROOF: CALCULATED RIGID INSULATION VALUE: R-35, CONTINUOUS ABOVE DECK.

SLAB INSULATION IS EXCLUDED.

ENERGY CODE COMPLIANCE (EXISTING BUILDING)

THE EXISTING BUILDING IS SEMI-HEATED WAREHOUSE DESIGNED AND APPROVED PER THE 2015 WASHINGTON STATE ENERGY CODE. THIS TENANT IMPROVEMENT INCLUDES 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:

SUBMITTAL)

U= 0.38 MAX, SHGC= 0.40 MAX

U= 0.60 MAX, SHGC= 0.40 MAX

OFFFICE AREAS TO BE HEATED BY FORCED AIR HVAC SYSTEM BY DESIGN BUILD CONTRACTOR (DEFFERED

ROOF INSULATION: EXISTING RIGID INSULATION VALUE: R-35, CONTINUOUS ABOVE DECK

 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

STOREFRONT ENTRANCES:

VERTICAL FENESTRATION, FIXED:

SKYLIGHTS: U= 0.50 , SHGC= 0.35

COVID-19 DRAWING DISCLAIMER

THESE DRAWINGS DO NOT REFLECT THE GUIDELINES SET FORTH BY THE WORLD HEALTH ORGANIZATION AND CENTER FOR DISEASE CONTROL OR OTHER GOVERNMENTAL AGENCY GUIDELINES RELATED TO COVID-19.





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Description: No: Date:

PERMIT SUBMITTAL 12/22/2022
PERMIT RESUBMITTAL 02/03/2023
PERMIT RESUBMITTAL 2 02/17/2023
PERMIT RESUBMITTAL 3 3 04/06/2023

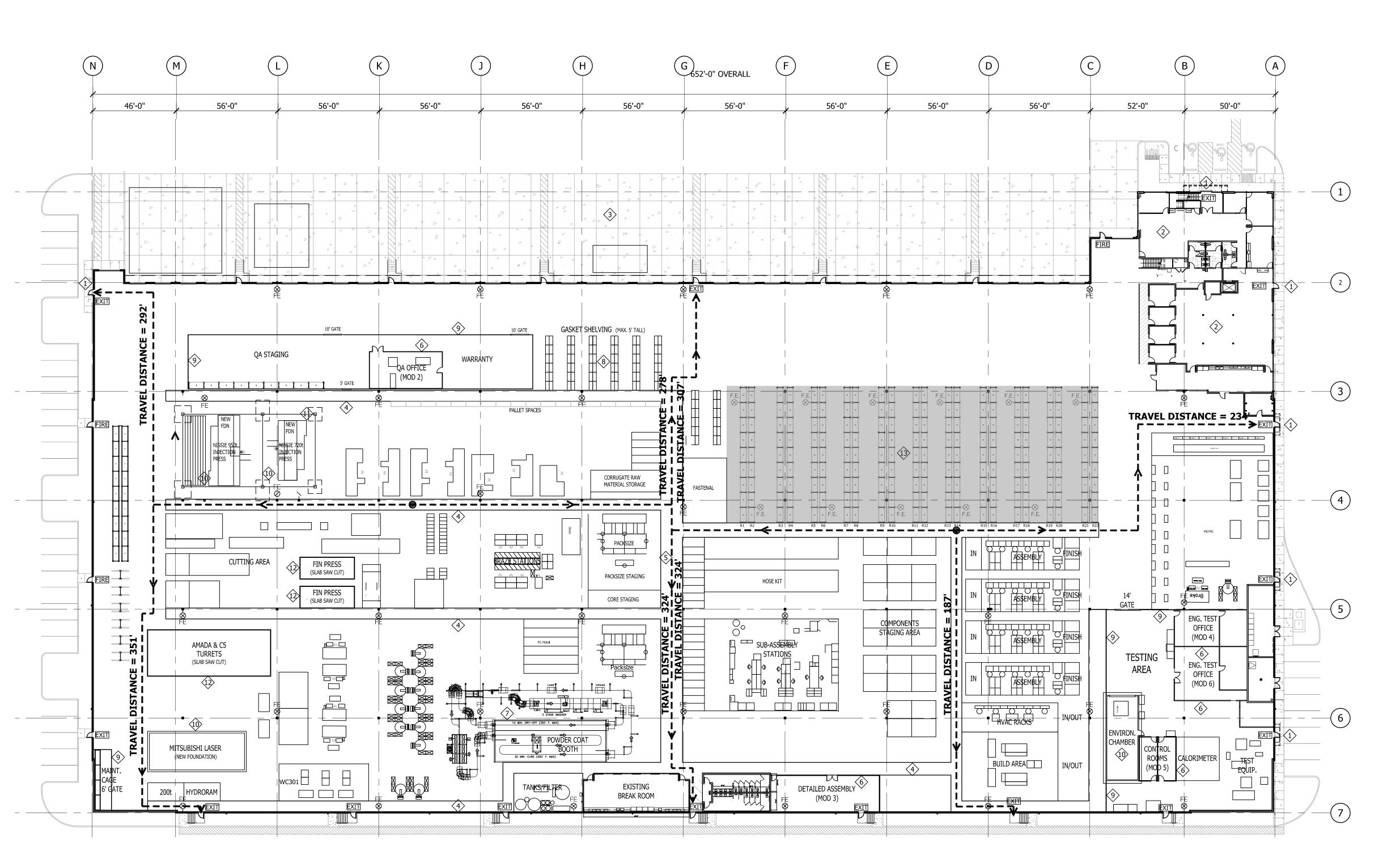
REGISTERED ARCHITECT

GENERAL INFORMATION AND SITE PLAN

STATE OF WASHINGTO

Proj. No: 21.0000440.000 Reviewed By:

AN-0



LIFE SAFETY PLAN

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GENERAL NOTES

- 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.
- 2. 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) 3. FULLY SPRINKLERED
- B. 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	= 7
ASSEMBLY (CONFERENCE, BREAKROOM) - B (NEW)	1,146 SQ FT / 15	= 7
1ST FLOOR OFFICE - B (NEW)	3,551 SQ FT / 150	= 2
MEZZANINE OFFICE - B (NEW)	4,429 SQ FT / 150	= 3
OFFICE - B (EXISTING)	5,938 SQ FT / 150	= 4
MANUFACTURING & TESTING - F-1 (NEW)	32,691 SQ FT / 200	= 16
TEMPORARY STORAGE & CIRCULATION - F-1 (NEW)	151,774 SQ FT / 500	= 30
TOTAL	200,689 SQ FT	= 71

EXIT REQUIREMENTS: (IBC 1006 TABLE 1006.2.1 & 1006.3.1)

NUMBER REQ'D NUMBER PROVIDED OFFICE WAREHOUSE

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

— COMMON PATH OF TRAVEL TERMINATION POINT

KEY NOTES \otimes

- 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. MODULAR WALL SYSTEM UNDER SEPARATE PERMIT
- 7. POWDER COAT PAINT BOOTH AND CONVEYER ASSEMBLY PER SHOP DRAWINGS, CUT-SHEETS AND DETAILS ON SHEETS A3.1, A3.2, A3.3 AND A3.4
- 8. GASKET SHELVING, MAXIMUM 5' HIGH FOR GROUP A PLASTICS PER FIRE SPRINKLER REPORT
- 9. CHAIN LINK FENCING UNDER SEPARATE PERMIT
- 10. NEW FOUNDATION AND SLAB UNDER SEPARATE PERMIT
- 11. NEW CRANE FOUNDATIONS (6) UNDER SEPARATE PERMIT
- 12. NEW SLAB SAW CUT ISOLATION JOINTS UNDER SEPARATE PERMIT
- 13. RACKING UNDER SEPARATE PERMIT ONE FIRE EXTINGUISHER PER ROW.



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PERMIT SUBMITTAL 12/22/2022 PERMIT RESUBMITTAL 2 PERMIT RESUBMITTAL 2
PERMIT RESUBMITTAL 3

ARCHITECT MARK DOUGLAS EVANS STATE OF WASHINGTON

LIFE SAFETY PLAN

Proj. No: 21.0000440.000 Reviewed By:

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; WHEN 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 REQUIREMENTS WHICH WILL AFFECT THE COST OF ALL WORK BORNE BY THE GENERAL CONTRACTOR. ALL WORK SHALL 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 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.

THE CONTRACTOR SHALL COORDINATE WITH THE BUILDING MANAGEMENT

WHERE ADJACENT AREAS BEYOND THE IMMEDIATE CONSTRUCTION AREA WIL 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

- CONSTRUCTION OPERATIONS SHALL NOT BLOCK HALLWAYS ACCESSIBLE 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 INSTALLED AT ALL OPENINGS BETWEEN CONSTRUCTION AREAS AND ALL PUBLIC SPACES. ALL ACTIVE AREAS SHALL BE KEPT CLEAN AND FREE FROM
- 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) IAO 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
- 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 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 PERMITTING 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 REQUIREMENT 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 REQUIRED 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, LECTRICAL AND AIR-CONDITIONING EQUIPMENT. THE CONTRACTOR SHALL 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 ACOUAINTANCE 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 OF 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 ALL 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, EQUIPMENT, OR MATERIALS, REQUIRED 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 PRIOR 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.
- 18. 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 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 FLECTRICAL AND FIRE ALARM DESCRIPTIVE, DETAILED DESIGN AND REQUIRED 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 REQUIREMENT 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.

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 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 REQUIRED 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 EQUIPMENT 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 DESTINATION OF SORTED MATERIALS MUST ALSO BE REPORTED.

DIVERSION GOALS: A MINIMUM 75% OF TOTAL PROJECT WASTE SHALL BE DIVERTED FROM LANDFILL. THE FOLLOWING WASTE CATEGORIES, AT A

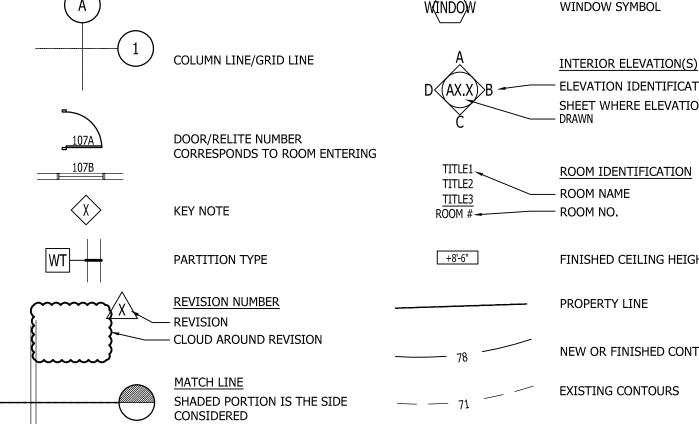
- MINIMUM, SHALL BE DIVERTED FROM LANDFILL.
- a. CLEAN DIMENSIONED WOOD, PALLET WOOD b. PLYWOOD, OSB, AND PARTICLEBOARD
- d. CARDBOARD, PAPER, PACKAGING METALS
- GYPSUM DRYWALL (UNPAINTED) ACOUSTIC TILE
- PAINT GLASS
- PLASTICS CARPET AND PAD BEVERAGE CONTAINERS
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS, 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. LARGE SCALE DETAILS SHALL GOVERN OVER SMALLER SCALE PLANS AND FI FVATIONS
- 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 PROPE 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.
- THE CONTRACTOR SHALL CONFIRM THE AVAILABILITY AND DELIVERY TIMES FOR ALL SPECIFIED MATERIALS & EQUIPMENT REQUIRED 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 SHAL 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 EQUIPMENT SPECIFIED. IF THE CONTRACTOR, THE OWNER, OR THE OWNER'S REPRESENTATIVE SUBSTITUTES 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. SUBMITTALS THAT CONTAIN EXCESSIVE ERRORS OR ARE INCOMPLETE OR INADEQUATE MAY BE RETURNED WITHOUT ACTION. COSTS INCURRED FOR THE RESULTANT DELAYS WILL BE THE RESPONSIBILITY OF THE
- 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. 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.

- 49. UPON SUBSTANTIAL COMPLETION OF WORK THE CONTRACTOR SHALL PREPARE A "PUNCHLIST" OF CORRECTIONS AND UNSATISFACTORY AND/OR
- INCOMPLETE WORK FOR REVIEW BY THE ARCHITECT. THE CONTRACTOR SHALL MAINTAIN AT THE SITE, ONE RECORD COPY OF ALL DRAWINGS, PERMITS, SUBMITTALS AND SAMPLES ON WHICH TO RECORD ALL CHANGES DURING CONSTRUCTION. ACCESS TO THESE SHALL BE PROVIDED FOR THE USE OF ALL TRADES, CLIENT REPRESENTATIVES AND THE ARCHITECT, DURING ALL PHASES OF CONSTRUCTION.
- DURING THE COURSE OF CONSTRUCTION, ACTUAL LOCATIONS SHALL BE INDICATED TO SCALE IN RED INK ON THE OWNERS RECORD DRAWINGS FOR ALL RUNS OF MECHANICAL AND ELECTRICAL WORK INCLUDING CONCEALED WORK WHICH DEVIATES FROM THE DRAWINGS, UPON COMPLETION OF THE PROJECT. INCLUDING ALL PUNCHLIST ITEMS, THIS INFORMATION SHALL BE NEATLY TRANSFERRED BY THE CONTRACTOR TO A SET OF DRAWINGS, WHICH SHALL BE MARKED "AS BUILT SET" AND COPIES SHALL BE PROVIDED TO BOTH THE OWNER AND THE ARCHITECT, WITHIN THREE (3) WEEKS (15 BUSINESS DAYS) OF THE RECEIPT OF THE "AS BUILT SET." APPROVAL FOR FINAL PAYMENT TO THE CONTRACTOR SHALL BE GRANTED OR REASONABLE CAUSE SHOWN WHY SUCH APPROVAL HAS BEEN DENIED.
- PRIOR TO THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL ASSEMBLE AND FURNISH THE CLIENT A COMPLETE SET OF MANUFACTURERS' CATALOG, OPERATING INSTRUCTIONS, START-UP CHECK LISTS, MAINTENANCE INSTRUCTIONS AND SIMILAR DATA, AS WELL AS ALL GUARANTEE(S) FOR ALL EQUIPMENT AND OPERABLE DEVICES FURNISHED OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT, AND SHALL ORIENT AND INSTRUCT THE PERSONNEL DESIGNATED BY THE CLIENT IN THE OPERATION OF ALL SUCH
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER IN THE EVENT THAT MOLD OR ASBESTOS IS UNCOVERED. THE OWNER SHALL RETAIN A QUALIFIED CONSULTANT WHO SHALL ARRANGE FOR THE PROMPT IDENTIFICATION, TESTING, TREATMENT, REMEDIATION AND STORAGE OF THE MOLD OR ASBESTOS AS REQUIRED BY LAW AND GOOD CONSTRUCTION PRACTICES. THE ARCHITECT SHALL BEAR NO RESPONSIBILITY FOR WORK RELATED TO THESE MATERIALS.
- THE CONTRACTOR IS ADVISED THAT THE PREMISE HAS NOT BEEN TESTED FOR LEAD PAINT OR OTHER POTENTIALLY HAZARDOUS MATERIALS. THE CONTRACTOR SHALL USE ALL APPROPRIATE PRECAUTIONS IN THE CARRYING OUT OF ALL CONSTRUCTION OPERATIONS WHICH MIGHT DISTURB SUCH
- ALL CONTRACTORS SHALL CARRY PROPERTY DAMAGE AND PUBLIC LIABILITY INSURANCE AS REQUIRED BY ANY GOVERNING AGENCIES HAVING JURISDICTION AND COMPLYING WITH STATUTORY REQUIREMENTS FOR DISABILITY AND WORKMEN'S COMPENSATION.

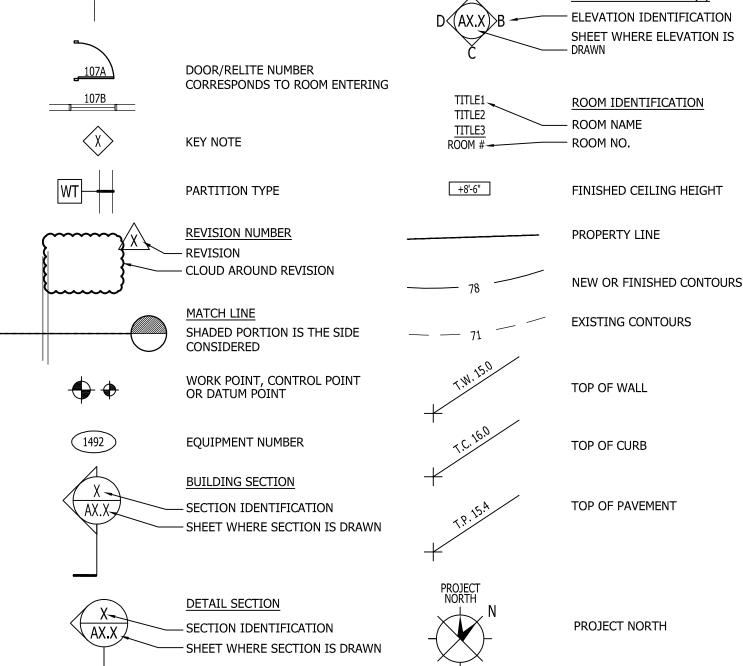
SYMBOLS



DETAIL OR ENLARGED PLAN

- SHEET WHERE DETAIL IS DRAWN

DETAIL IDENTIFICATION



DENOTES CHANGE IN

ELEVATION

_ FINISH SYMBOL

ABBREVIATIONS

ANGLE

¢ ø #	CENTER LINE DIAMETER OR ROUND	FM FOC	FACTORY MUTUAL FACE OF CONCRETE	PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH
# _]	NUMBER OR POUND	FOF	FACE OF FINISH	PT	PRESSURE TREATED
Ţ	PENNY PERPENDICULAR	FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR	PTD PTD/R	PAPER TOWEL DISPENSER PAPER TOWEL DISPENSER
μ	PLATE	FOIO	FURNISHED BY OWNER	•	AND RECEPTACLE
4 D	ANGLIOR ROLT	FOC	INSTALLED BY OWNER	PTN	PARTITION
AB AC	ANCHOR BOLT ACOUSTICAL	FOS FS	FACE OF STUD FULL SIZE	PTR PVMT	PAPER TOWEL RECEPTACLE PAVEMENT
A/C	AIR CONDITIONING	FT	FEET		
ACP	ACOUSTICAL CEILING PANEL	FTG	FOOTING	QT	QUARRY TILE
ACT ADH	ACOUSTICAL TILE ADHESIVE	FTIC	FURNISHED BY TENANT INSTALLED BY CONTRACTOR	R	RISER -
ADJ	ADJACENT	FTIO	FURNISHED BY TENANT	RA	RETURN AIR
AF	ACCESS FLOOR		INSTALLED BY OWNER	RAD	RADIUS
AFF	AT/ABOVE FINISH FLOOR AUTHORITY HAVING JURISDICTION	FURR FUT	FURRING FUTURE	R&S RB	ROD & SHELF RESILIENT BASE
AHJ AL	ALUMINUM	FUTURE-	FUTURE ROUGH IN ONLY	RCP	REFLECTED CEILING PLAN
ALT	ALTERNATE	RIO		RD	ROOF DRAIN
APC	ACCESS PANEL	GA	GAGE	RD/O REBAR	ROOF DRAIN OVERFLOW REINFORCING BAR
APC APPROX	ACOUSTICAL PANEL CEILING APPROXIMATE	GALV	GALVANIZED	REF	REFERENCE
ARCH	ARCHITECTURAL	GB	GRAB BAR	REFR	REFRIGERATOR
ASPH	ASPHALT	GC GL	GENERAL CONTRACTOR GLASS OR GLAZING	REINF REQ'D	REINFORCED REQUIRED
BD BETW	BOARD BETWEEN	GLB	GLU-LAM BEAM	REV	REVISION
BLK	BLOCK	GND	GROUND	RH	RIGHT HAND OR ROBE HOOK
BLDG	BUILDING	GR GWB	GRADE GYPSUM WALL BOARD	RESIL RM	RESILIENT ROOM
BM	BEAM	GWD	GTF30M WALL BOARD	RO	ROUGH OPENING
BRG BOT	BEARING BOTTOM	НВ	HOSE BIB	RT	RESILIENT TILE
BSMT	BASEMENT	HC HDR	HOLLOW CORE OR HANDICAP HEADER	RUB RW	RUBBER RAIN WATER
BUR	BUILT UP ROOF	HDWD	HARDWOOD	RWL	RAIN WATER LEADER
		HDWE	HARDWARE		
CAB	CABINET	HM HORIZ	HOLLOW METAL HORIZONTAL	S	SOUTH
CB	CATCH BASIN	HR	HOUR	SC SCD	SOLID CORE SEAT COVER DISPENSER
CBU CEM	CEMENTITIOUS BACKER UNIT CEMENT	HT	HEIGHT	SCHD	SCHEDULE
CER	CERAMIC	HTG	HEATING	SD	SOAP DISPENSER
CFM	CUBIC FEET PER MINUTE	HVAC	HEATING/VENTILATION/ AIR CONDITIONING	SECT SF	SECTION SQUARE FEET
CFT CG	CONDUCTIVE FLOOR TILE CORNER GUARD	HWH	HOT WATER HEATER	SHTG	SHEATHING
CG CHBD	CHALK BOARD	IBC	INTERNATIONAL BUILDING CODE	SIM	SIMILAR
CI	CAST IRON	ID	INSIDE DIAMETER/	SNK	SINK
CJT CLF	CONTROL JOINT		DIMENSION	SLR SND	SEALER SANITARY NAPKIN
CLF	CHAIN LINK FENCE CEILING	IEC	INTERNATIONAL ELECTRIC		DISPENSER
CJ	CONSTRUCTION JOINT	IFC	CODE COUNCIL INTERNATIONAL FIRE CODE	SNR	SANITARY NAPKIN
CLK	CAULKING	IG	INSULATED GLAZING	SPEC	RECEPTACLE SPECIFICATION
CLO CLR	CLOSET CLEAR	IHM IN	INSULATED HOLLOW METAL	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT	INCL	INCH INCLUDE	SST	STAINLESS STEEL
CNTR	COUNTER	INSUL	INSULATION	SSK ST	SERVICE SINK STONE/STONE TILE
CO COL	CLEANOUT COLUMN	INT	INTERIOR	STA	STATION
CONC	CONCRETE	IPC	INTERNATIONAL PLUMBING CODE	STC	SOUND TRANSMISSION
	CONSTRUCTION	JAN	JANITOR	STD	CLASS STANDARD
CONT CORR	CONTINUOUS CORRIDOR	JT	JOINT	STL	STEEL
CPT	CARPET	KIT	KITCHEN	STOR	STORAGE
CT	CERAMIC TILE	KO	KNOCK OUT	STRL SUSP	STRUCTURAL SUSPENDED
CTR CY	CENTER CUBIC YARD	KS	KNEE SPACE	SV	SHEET VINYL
		LAM	LAMINATE	SYM	SYMMETRICAL
DBL	DOUBLE	LAV	LAVATORY	Т	TREAD
DEPT DF	DEPARTMENT DRINKING FOUNTAIN(W/O COOLER)	LB	LAG BOLT	TB	TOWEL BAR
DIA	DIAMETER	LF LG	LINEAL FOOT LENGTH	T&B TG	TOP & BOTTOM TEMPERED GLASS
DIAG	DIAGONAL	LH	LEFT HAND	THK	THICK
DIM DISP	DIMENSION DISPENSER	LINO	LINOLEUM	TIG	TEMPERED INSULATED
DISF	DOWN	LKR LT	LOCKER LIGHT	ТО	GLAZING TOP OF
DR	DOOR OR DRAIN	LI	LIGITI	TOC	TOP OF CONCRETE
DTL DWR	DETAIL DRAWER	MACH	MACHINE	TOP	TOP OF PAVEMENT
DS	DOWNSPOUT	MATL MAX	MATERIAL MAXIMUM	TOS TOSL	TOP OF STEEL TOP OF SLAB
DW	DISHWASHER	MECH	MECHANICAL	TOW	TOP OF WALL
DWG	DRAWING	MEZZ	MEZZANINE	TPD	TOILET PAPER DISPENSER
E	EAST	MFR MH	MANUFACTURER MANUFOLE	TPH TPTN	TOILET PAPER HOLDER TOILET PARTITION
EA	EACH	MIN	MANHOLE MINIMUM	TS	TUBULAR STEEL
EB EJ	EXPANSION BOLT EXPANSION JOINT	MIR	MIRROR	TV	TELEVISION
EL	ELEVATION	MISC	MISCELLANEOUS MOLDING	TYP	TYPICAL
ELEC	ELECTRIC	MLD MRGWB	MOISTURE RESISTANT GWB	UL	UNDERWRITERS LABORATORY
ELEV EM	ELEVATOR ENTRY MAT	MTD	MOUNTED	UNF	UNFINISHED
EMER	EMERGENCY	MTL MULL	METAL MULLION	UON UR	UNLESS OTHERWISE NOTED URINAL
ENCL	ENCLOSURE OR ENCLOSED		MOLLION	OIX	ONIVAL
EP EWC	ELECTRICAL PANEL ELECTRIC WATER COOLER	N	NORTH	VAR	VARIES
EPX	EPOXY	NIC NO/#	NOT IN CONTRACT NUMBER	VCT VERT	VINYL COMPOSITION TILE VERTICAL
EQ	EQUAL	NOM	NOMINAL	VEST	VESTIBULE
EQUIP EST	EQUIPMENT ESTIMATE	NTS	NOT TO SCALE	VIN	VINYL
EX	EXPANSION	OA	OVERALL	VWC	VINYL WALL COVERING
EXIST	EXISTING	OC OD	ON CENTER OUTSIDE DIAMETER/	W	WEST
EXT	EXTERIOR		DIMENSION	W/	WITH
FA	FIRE ALARM	OFF	OFFICE OVERNIEAD	W/O WC	WITHOUT WATER CLOSET
FBO	FURNISHED BY OTHERS	OH OPH	OVERHEAD OPPOSITE HAND	WD	WOOD
FCIC	FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR	OPNG	OPENING	WF	WIDE FLANGE
FCTY	FACTORY	OPP	OPPOSITE	WG WHSE	WIRE GLASS WAREHOUSE

PFN

PLAM

PNL

PNT

PLYWD

FINISH

FLOOR

FLASHING

FDN

FEC

FIN

FLG

FLOOR DRAIN

FOUNDATION

FIRE EXTINGUISHER

FACTORY FINISH

FIRE EXTINGUISHER CABINET

PLYWOOD

PANEL

PAINT

PAIR

PERPENDICULAR

PLASTIC LAMINATE

PLATE OR PROPERTY LINE

PREFINISHED

WSCT WAINSCOT

XFMR TRANSFORMER

YARD

WT WEIGHT

WP

WR

YD

WATER PROOF

WATER RESISTANT

FLUOR

FLUORESCENT

NELSON

Nelco Architecture, Inc.

PAINT SYSTEM

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RED DOT CORPORATION 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI PAINT BOOTH INSTALLATION

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PERMIT SUBMITTAL

GENERAL NOTES & ABBREVIATIONS

Proj. No: 21.0000440.000 Reviewed By:

SHOP PLAN NOTES

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

1. MACHINES AND PROCESSES TO PRODUCE MANUFACTURED PARTS.
AREAS INDICATED IN GRAY INCLUDE EQUIPMENT/MACHINE AND
OPERATORS TO COMPLETE THE WORK (MANUFACTURING).

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).

TESTING AND PROTOTYPING:

4. 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).

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SHOP PLAN KEY NOTES $\ \, \otimes \ \,$

- 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. MODULAR WALL SYSTEM UNDER SEPARATE PERMIT
- 7. POWDER COAT PAINT BOOTH AND CONVEYER ASSEMBLY PER SHOP DRAWINGS, CUT-SHEETS AND DETAILS ON SHEETS A3.1, A3.2, A3.3 AND A3.4
- 8. GASKET SHELVING, MAXIMUM 5' HIGH FOR GROUP A PLASTICS PER FIRE SPRINKLER REPORT
- 9. CHAIN LINK FENCING UNDER SEPARATE PERMIT
- 10. NEW FOUNDATION AND SLAB UNDER SEPARATE PERMIT
- 11. NEW CRANE FOUNDATIONS (6) UNDER SEPARATE PERMIT
- 12. NEW SLAB SAW CUT ISOLATION JOINTS UNDER SEPARATE PERMIT
- 13. RACKING UNDER SEPARATE PERMIT



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PERMIT SUBMITTAL PERMIT RESUBMITTAL	\bigwedge	12/22/2022 02/03/2022
PERMIT RESUBMITTAL	2 2	02/03/2023

MARK DOUGLAS EVANS
STATE OF WASHINGTON

PAINT BOOTH DEFERRED PERMIT NOTE

STRUCTURAL DESIGN OF PAINT BOOTH MECHANICAL EXHAUST PIPE ROOF PENETRATIONS IS DEFERRED. PAINT BOOTH OPERATION IS NOT PERMITTED UNTIL STRUCTURAL DESIGN IS COMPLETE, APPROVED AND EXHAUST PIPING INSTALLED AND INSPECTED PER APPROVED STRUCTURAL DETAIL(S).

 $\overbrace{2}$

MANUFACTURING SHOP LAYOUT PLAN

Proj. No: 21.0000440.000 Reviewed By:

MANUFACTURING SHOP LAYOUT PLAN
1"=30'-0"

(M)

(K)

(9)

QA OFFICE

FILTRATION

SPOT WELDERS

ROCK TABLE (MOD 2)

INJECTION MOLDING 30 MACHINE

FORMING

MANIFOLD PUNCH

COPPER TUBE MACHINES

27 [B] ND EATON LEONARD 27 [C] ND
FORMING BENDING FORMING

FIN PRESS (SLAB SAW CUT)

FIN PRESS

(SLAB SAW CUT)

BRAKE
PRESSES

WELD GELLS WC301

10' GATE

INJECTION MOLDING MACHINES

PAR™∈STORAGE FOR PAINT BOOTH

PAINT BOOTH INSTALLATION AREA DACKETE

TANKS / PILITERS

WARRANTY

COMPRESSORS

CORRUGATE RAW MATERIAL STORAGE

BOX MACHINE

PACKSIZE STAGING

GROUP A PLASTICS STORAGE AREA

REPURNABLE STORAGE

STAGING

OAK SAW

4RUNNER

OAK SAW

WC104 HAIR PIN MACHINE

BRAKE PRESS

AMADA & C5

TURRETS (SLAB SAW CUT)

(12)

MITSUBISHI LASER

(NEW FOUNDATION)

200t HYDRORAM

(E)

* INCOMING PARTS *

WORK CENTER 634/650

HOSE KIT

FILING
623 SM CBINET
623 SM COMPONENT PKG

RACK/TERMINAL
CRIMP
CRIMP
STATION STATION

S S S MOTORS SPLAGER PKG

STATION FOAM

COMPONENTS STAGING AREA

4

(D)

* FINISHED GOODS *

TASSEMBILY LINE TO THE FINISH BUILD TABLES TO THE BUILD TABLES

COMPONENT SUILO TABLES SUILO TABLES

NAC RACKS

BUILD AREA

(B)

M/CHINE SCOM

OFFICE BREAK ROOM

Sedon 1 Status 2 Sedon 5 Sedon 6 Sedon 5 Sedon 6

MANUFACTURING

ENGINEERING _

MACHINE

SHOP

Brake

CALORI-METER

TEST EQUIP.

14' GATE

AREA

ENVIRON.

MACHINIST DESKS

EVR

EVR

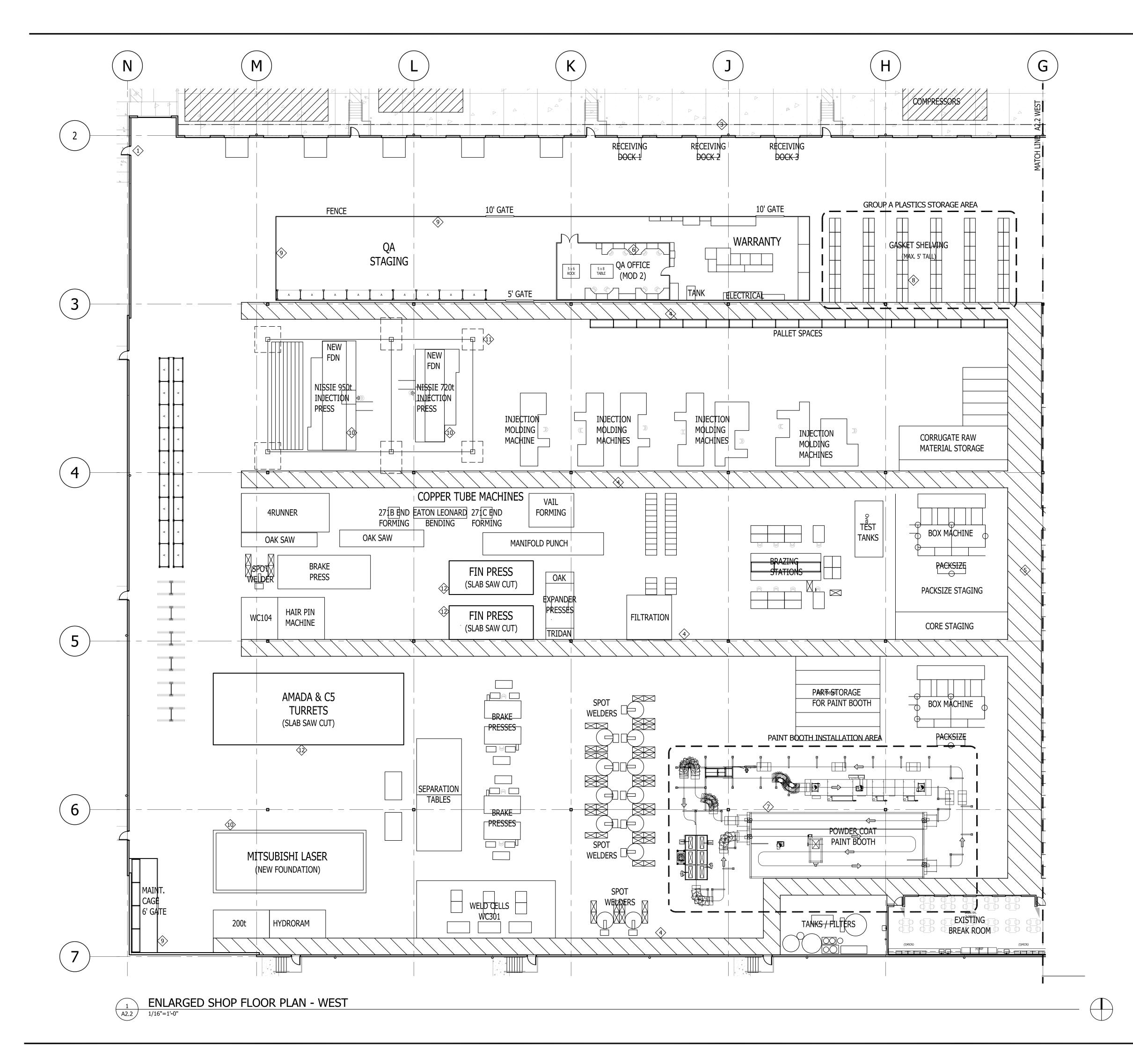
EVR

EVR

EVR

EVR





SHOP PLAN NOTES

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SHOP PLAN 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. MODULAR WALL SYSTEM UNDER SEPARATE PERMIT
- 7. POWDER COAT PAINT BOOTH AND CONVEYER ASSEMBLY PER SHOP DRAWINGS, CUT-SHEETS AND DETAILS ON SHEETS A3.1, A3.2, A3.3 AND A3.4
- 8. GASKET SHELVING, MAXIMUM 5' HIGH PER FIRE SPRINKLER REPORT FOR GROUP A PLASTICS
- 9. CHAIN LINK FENCING UNDER SEPARATE PERMIT
- 10. NEW FOUNDATION AND SLAB UNDER SEPARATE PERMIT
- 11. NEW CRANE FOUNDATIONS (6) UNDER SEPARATE PERMIT
- 12. NEW SLAB SAW CUT ISOLATION JOINTS UNDER SEPARATE PERMIT
- 13. RACKING UNDER SEPARATE PERMIT

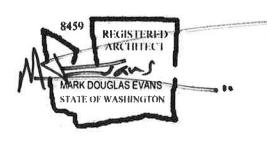


RED DOT CORPORATION 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description:	No:	Date:
PERMIT SUBMITTAL PERMIT RESUBMITTAL PERMIT RESUBMITTAL	2 2	12/22/2022 02/03/2023 02/17/2023

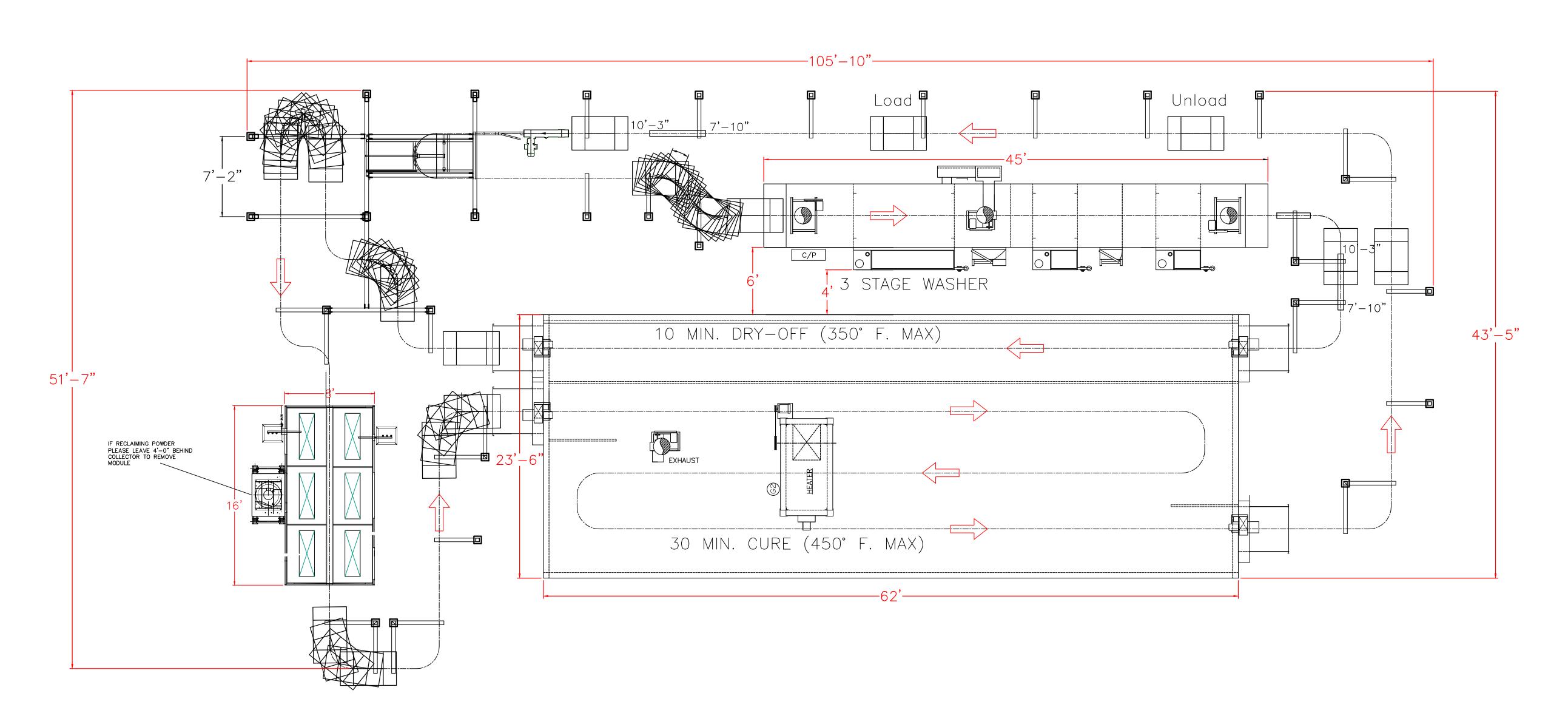


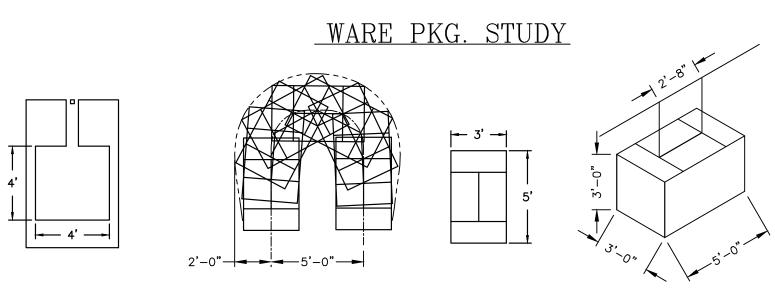
PAINT BOOTH DEFERRED PERMIT NOTE

STRUCTURAL DESIGN OF PAINT BOOTH MECHANICAL **EXHAUST PIPE ROOF PENETRATIONS IS DEFERRED.** PAINT BOOTH OPERATION IS NOT PERMITTED UNTIL STRUCTURAL DESIGN IS COMPLETE, APPROVED AND **EXHAUST PIPING INSTALLED AND INSPECTED PER** APPROVED STRUCTURAL DETAIL(S).

> **ENLARGED SHOP** FLOOR PLAN - WEST

Proj. No: 21.0000440.000 Reviewed By:





Total Conveyor Length = 606'

Linishing Lechnologies, Inc. 5924 NE 112th Ave. Portland, OR 97208

TITLE Layout — 30 Min. Cure @ 6FPM	DRAWN BY: John Books	QUOTE NO.	DRAWING APPROVAL BY DATE
PROJECT	DATE August 8th, 2022	DRAWING NO.	ENGINEERING
Powder System	SCALE 3/16" = 1'	SHEET NO. A1	CUSTOMER
Red Dot Corporation	JOB NO.	REVISION NO.	CONSTRUCTION

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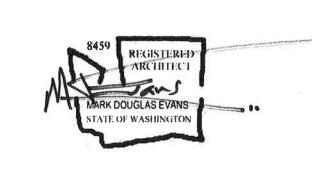
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CORPORATION
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TUKWILA, WA 98188

RED DOT SHOP TI
PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description: No: Date:

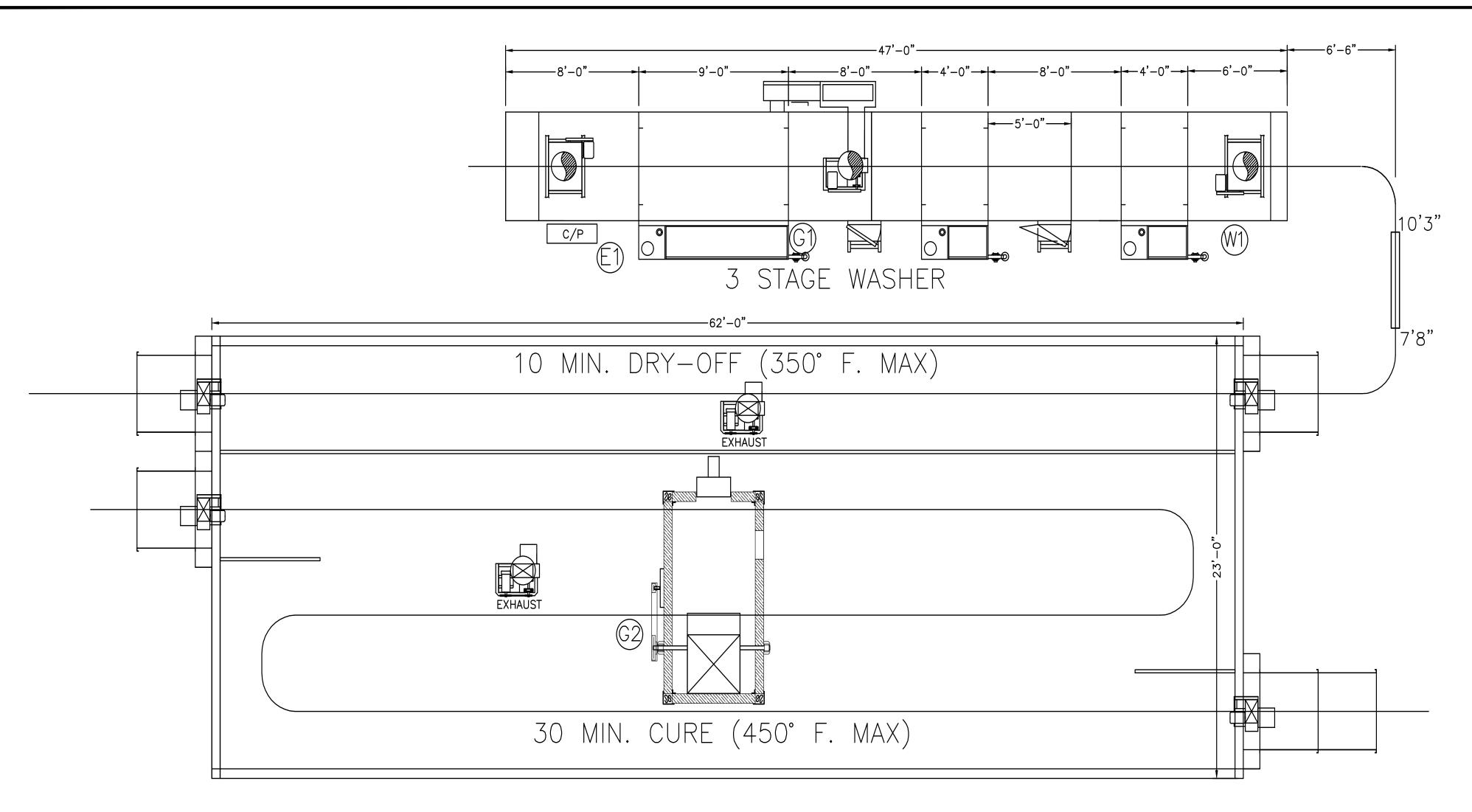
PERMIT SUBMITTAL 12/21/2022
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PAINT BOOTH SHOP DRAWINGS

Proj. No: 21.0000440.000 Reviewed By:

A3.1

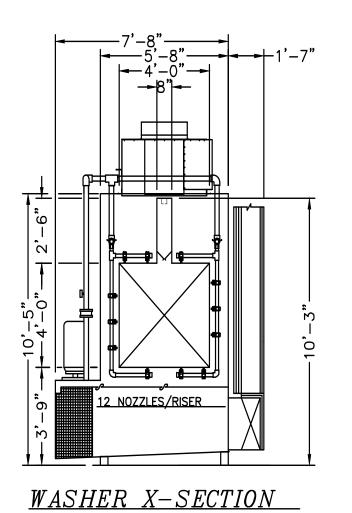


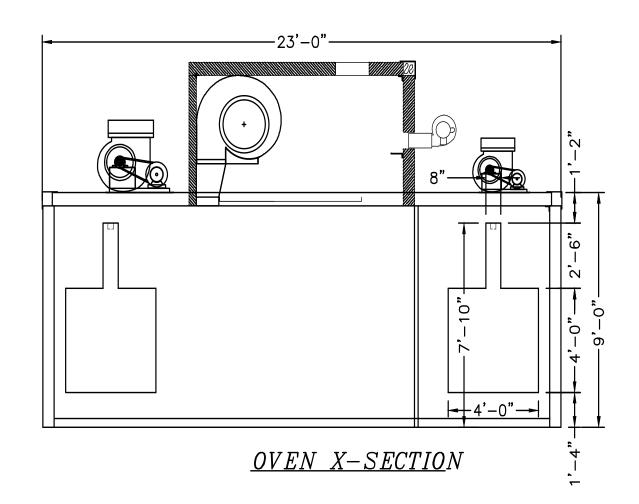
UTILITY LEGEND

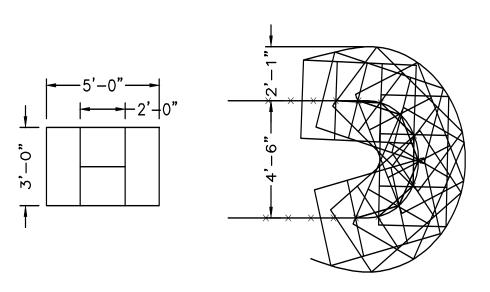
E1 — Washer & Oven 149 amps (Fused at 175 amp) 480 V/ 3 Ph.

G1 — Washer Stg 1 Gas Drop, 1800 CFH Natural Gas, 2—7 PSI Req'd. G2 — Combination Oven Gas Drop, 3200 CFH Natural Gas, 2—7 PSI Req'd.

W1 - City Water Connection - 1 1/2" IPS







PRETREATMENT SYSTEM - 3 STAGE
Stage 1 — Clean/Coat 1002 gal Net Capacity 90 sec 130° F. max. 1 ea — 7.5 hp Spray Pump Cast Iron 324 gpm ea. @ 60' wc Heat System — 1 ea. Req'd. 160AH Burner — 1/3hp — 1.8 MMBTU
1800 cfh Natural Gas © 2—7 PSI Supply Pressure 108 ea — 65/40 Flat V Spray Nozzles © 25 psi max Ultra Sonic Level Control Fresh Water Make—up from Stage #2
Manual Quick Water Fill — 1 1/2" <u>Stage 2 — Rinse</u> 443 gal Net Capacity 40 sec Ambient
1ea — 5 hp Spray Pump Cast Iron 144 gpm ea. @ 60' wc 48 ea — 65/40 Flat V Spray Nozzles @ 25psi max Ultra Sonic Level Control Gravity Fed Water Make—up from Stage #3 Manual Quick Water Fill — 1 1/2"
Stage 3 — Rinse 443 gal Net Capacity 40 sec Ambient 1ea — 5 hp Spray Pump Cast Iron 144 gpm ea. @ 60' wc 48 ea — 65/40 Flat V Spray Nozzles @ 25psi max Ultra Sonic Level Control Fresh Water Make—up Manual Quick Water Fill — 1 1/2"
<u>General</u> Tanks — 3/16" #304 SS Drain boards — 12ga #304 SS Catwalks — 12ga #304 SS
Sump Covers — 12ga #304 SS 7/8 SWSI Exhaust Fan — 1,037 cfm One ea. — 2hp 7/8 DWDI Vent Fan — 3,333 cfm Two ea. — 2hp Pressure Gauges on All Pumps
All Spray Risers — 12 nozzles — Side/Side/Over/Under (Sch 80 CPVC) Insurance Standard — FM
COMBINATION OVEN
<u>Dry-Off Section</u> Single Pass
Design Maximum Operating Temperature — 350° F. Design Product Throughput — 5,000 lbs/hr Aluminum Residence Time — 10 min. @ 6 FPM Conveyor Line Speed High Velocity Air Seals — 2 ea. with 2hp Fans
<u>Cure Section</u> Three Pass
Design Maximum Operating Temperature — 450° F. Design Product Throughput — 5,000 lbs/hr Aluminum Residence Time — 30 min. @ 6 FPM Conveyor Line Speed High Velocity Air Seals — 2 ea. with 2hp Fans
General
Heat System — 1 ea. Req'd. 320AH Burner — 3/4hp — 3.2 MMBTU #2 1/4 DWDI Recirculating Air Blower — 36,000 cfm — 40 HP 3200 cfh Natural Gas @ 2—7 PSI Supply Pressure
Insulated 'B' Deck Floor 6" Thick Oven Walls and Roof Exhaust Fans — Dry Off 750 cfm Exh/2,044 cfm Purge — 1 Fan @ 2 HP — VFD C Cure 2,750 cfm Exh/3,814 cfm Purge — 2 Fan @ 2 HP — VFD Co
Insurance Standard — FM
REQUIRED CUSTOMER INFORMATION
The following information is required before detail engineering can begin. Please include the following information on the return copy of this approval drawing:
Roof Height: (ft-in) @ South Building Wall in Drawing Roof Slope:
3 phase Voltage: 480V/3PH/60Hz
Heat Source: <u>Natural Gas</u> Fuel Supply Pressure:@ Equipment (NOTE: 2—7 psig req'd.)
Building Access Size & Location:
FINISHING TECHNOLOGIES APPROVAL
REVIEW THIS DOCUMENT CAREFULLY. APPROVAL IS REQUIRED FOR MUTUAL PROTECTION OF PURCHASER AND SELLER.
SATISFACTORY AND APPROVED FOR FABRICATION
APPROVED FOR FABRICATION WITH CHANGES NOTED.
UNSATISFACTORY, REQUIRES REVISED PRINT WITH CHANGES AS \square INDICATED.

No.	Revision Note 5-31-22 APPROVAL DWG.	_	NIS	HING SYS	TEMS	ST. LOUIS, MO.
		FOR: F JOB: RED THIS DRAWING IS OF A COMMON OF GENERAL AUTOMATIC DISCLOSED WITHOUT WRITH	D CONFID TRANS	ENTIAL NATURE AND FER CO. AND MAY N	$\mathrm{SH/C}$ is the exclusion be reprod	CH VENS SIVE PROPERTY
		SCALE: 1/4"=1'-0" & AS NOTED DATE 4/22/22	_	N BY: DAN GU DRAWING NO. 22064		OF

DATE

COMPANY

SIGNATURE

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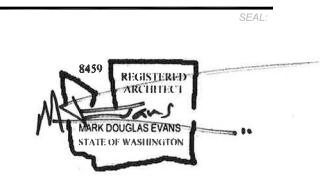


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RED DOT SHOP TI PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE

PUYALLUP, WA 98372 PERMIT SUBMITTAL 12/21/2022
PERMIT RESUBMITTAL 12/21/2023



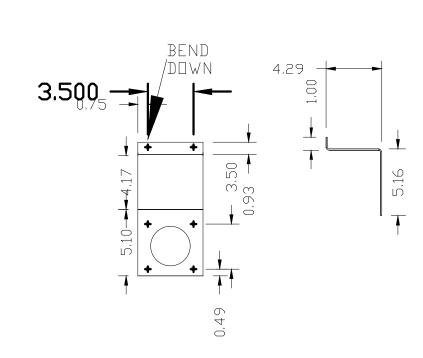
PAINT BOOTH 1 SHOP DRAWINGS

≻ Proj. No: 21.0000440.000 Reviewed By:

A3.2

Powder Coating Supply

(1) Booth Assy required 18g 304 SS



Item #31 - Fire Eye Brackets (2) Required - 18 G

Installed on Both with Truss or Pan head bolts.

Use supplied 'HEX'
Head 1/4-20 x3/4" Bolts
for All connections on
Use (2) 1/4" x Fender washers
on ALL Bolt sets.

GLUE 18 GA FLOOR

DO NOT WELD SEAM

WITH PL PREMIUM

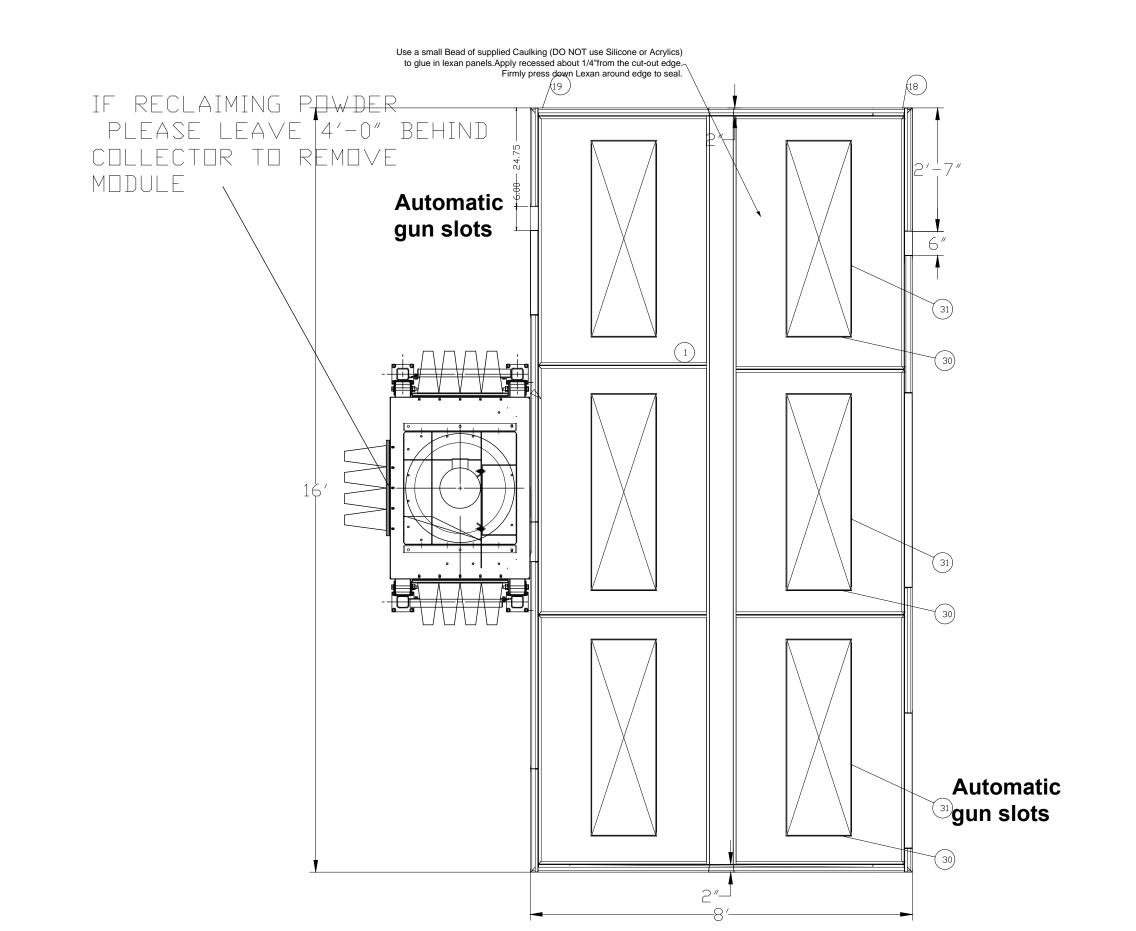
6"x1/4" angle legs

welded to base

Use supplied trusshead
1/4-20 x3/4" Bolts
for All gun slots
1/4" x Fender washers
on ALL Bolt sets.

Automatic

gun slots





125 LANCING DRIVE, UNIT 5 HAMILTON, ONTARIO L8W 2Z9 (905) 389-2141 Fax: (905) 388-2342 email: val@powdercoatingsupply.com

CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS ON THE JOB SITE AND REPORT ANY DISCREPANCIES BEFORE COMMENCING WITH THE WORK. DIMENSIONS TO TAKE PRECEDENT OVER SCALE

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APPROVAL:

DATED:

ENGINEER
CONTRACTOR

FINISHING TECH

COMBINATION POWDER BOOTH SYSTEM

JOB NO. DWN. BY VOL DWG. NO.

P.D. NO. SCALE

P.C. NO. SCALE

DATE CHK. BY

CHK. BY

PCS-100412R1

SAFETY FEATURES

-SYSTEM IS DESIGNED TO CONFORM TO NFPA 33

-EXHAUST AIR IS CONSTANTLY MONITORED AND SYSTEM

WILL SHUT DOWN IF SAFETY FILTERS ARE LOADED

-GUNS ARE INTERLOCKED WITH COLLECTOR

-FAN IS 6,000 CFM 460V/3PH/60HZ 7.5 HP DIRECT DRIVE

-THE FAN WHEEL IS NON-SPARKING

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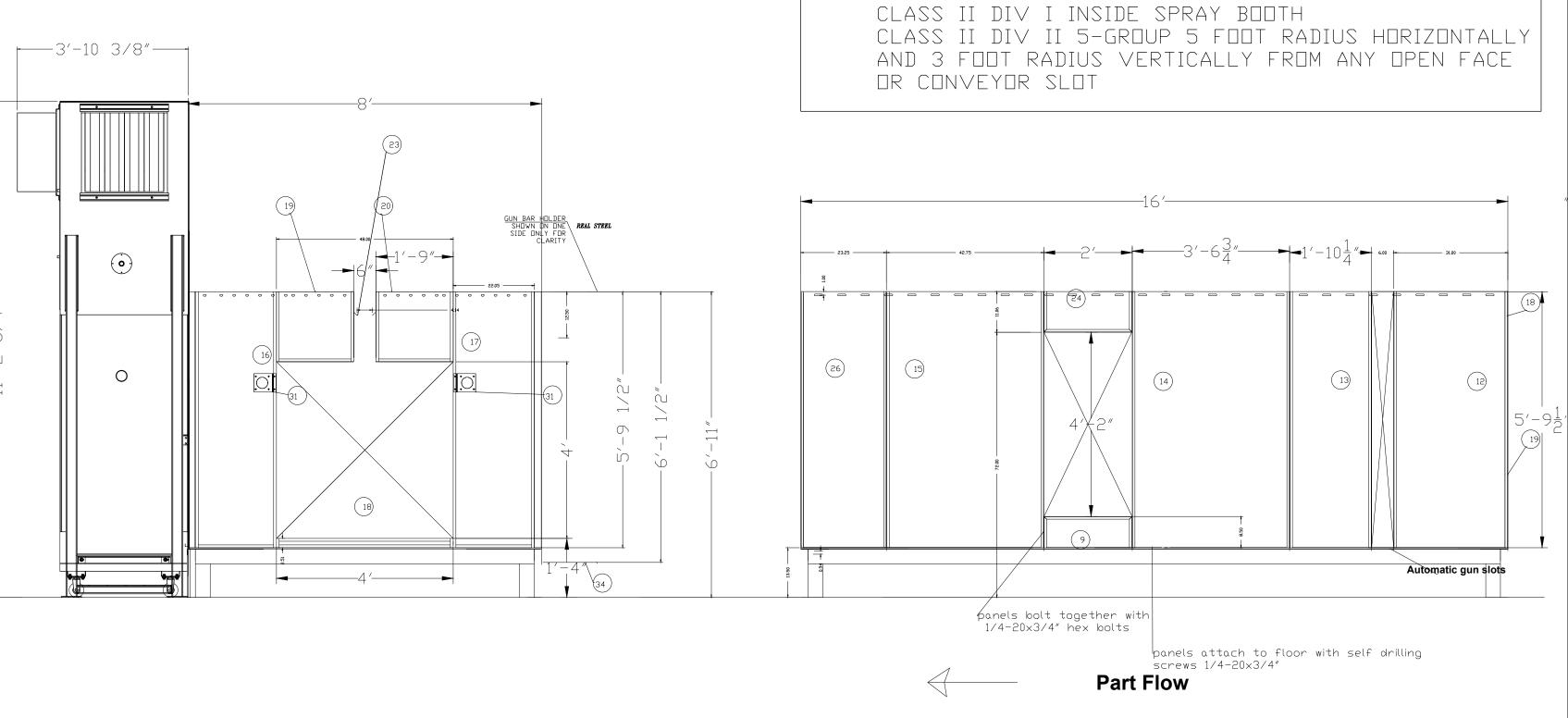
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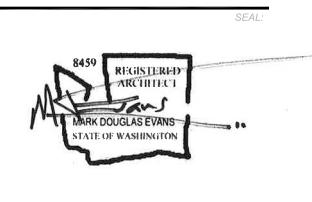
RED DOT SHOP TI
PAINT BOOTH INSTALLATION

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Description: No: Date:

PERMIT SUBMITTAL 12/21/2022
PERMIT RESUBMITTAL 12/03/2023





PAINT BOOTH
SHOP DRAWINGS

≻ Proj. No: 21.0000440.000 Reviewed By

A3.3

Unibilt Conveyor Components

Caterpillar Drive Units Caterpillar Drive Unit 750# Chain Pull Capacity Weight: 375 lb. Caterpillar Drive Unit Caterpillar Drive Unit

The Unibilt caterpillar drive unit is designed to provide maximum flexibility for all enclosed track power requirements in a single compact package. **Inverted drives are available upon request.**

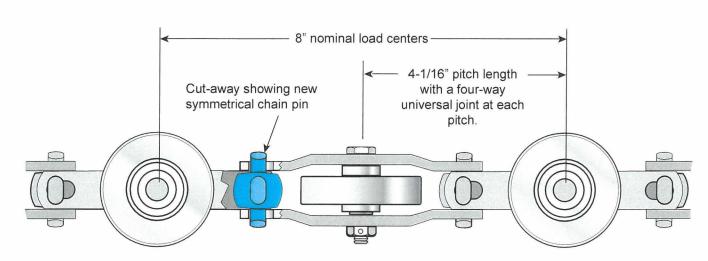
Many outstanding features make this drive unique in its class.

- The drive has a 750 lb chain pull.
- Constant speed or variable speed available.
 Right handed drives are standard.
- Inverter options for acheiving intermediate speeds mounts to motor terminal as an option.
- Standard speeds are 5 FPM, 17 FPM, and 60 FPM.
- Guard on drive units comply with applicable OSHA and ANSI B20.1 standards.
- The drive has an electrical automatic overload cut-off device, which is factory adjusted at 1100 lb to stop the motor automatically when an overload or jam condition occurs.
- Multiple drives are required when chain pulls exceed 750 lb. Consult your Webb Regional Manager for multiple drive situations.
- Solid fixed heat-treated steel caterpillar driving dogs eliminate the need for special cams or springs to engage the conveyor chain.

- Fewer parts direct drive technology eliminates belts and sheaves from the drive, reducing maintenance requirements.
- High-efficiency gear motor with helical bevel gears.
- 1800 RPM, 230/460 volt, 3 phase, 60 hertz, TEFC inverter-duty motors (5:1ratio) are supplied unless otherwise specified.
- Motor controls (push buttons, starters, thermal overloads, etc.) are not included with drives, but can be supplied to your specifications.
- Universal end yokes are provided for convenient hanging. Drive units should be braced adequately to eliminate vibration. Refer to installation methods for hanging and bracing
- Unibilt caterpillar drives permit positioning the drive at the most advantageous location on the system, rather than confining drive location to a horizontal turn, as necessary when driving with
- Drive frame and track are painted Unibilt Blue.

Unibilt Conveyor Components

Chain...the Heart of the System



Stamped side links of high carbon steel, heat-treated for maximum strength and wearability.

Unibilt Heavy-Duty Chain with symmetrical chain pin is designed to provide maximum flexibility in all directions with a true universal joint at every pitch.

Some of its outstanding features are:

- Both lateral and vertical load-carrying wheels are ball bearing style, made of machined steel with machined ball bearing races. Heat-treated steel balls are used. All wheel parts are heat-treated to provide maximum life.
- The symmetrical chain pin is high carbon steel and heat-treated for long life, added strength and ease of installation.
- The ultimate strength of this chain is over 10,000 pounds, providing a safety factor of over 16-to-1 when used at recommended chain pulls (item 17, page 10).
- Easily assembled and disassembled, the chain can be disassembled at every pitch by removing the axle bolt on the lateral guide wheel. The chain can then be flexed 90 degrees and the side links removed.
- Heavy-duty chain is available with steel core wheels with nylon tires for noise reduction.
- The heavy-duty chain comes in 20' lengths (nominal).
- 27826 chain (steel) 125 pound capacity on 8" nominal centers.
- 27827 chain (nylon) 75 pound capacity on 8" nominal centers.

Unibilt Heavy-Duty Chain 27827 (Nylon)

Weight: 3.75 lb per foot

Unibilt Heavy-Duty Chain

up to 450°F w/proper lubrication

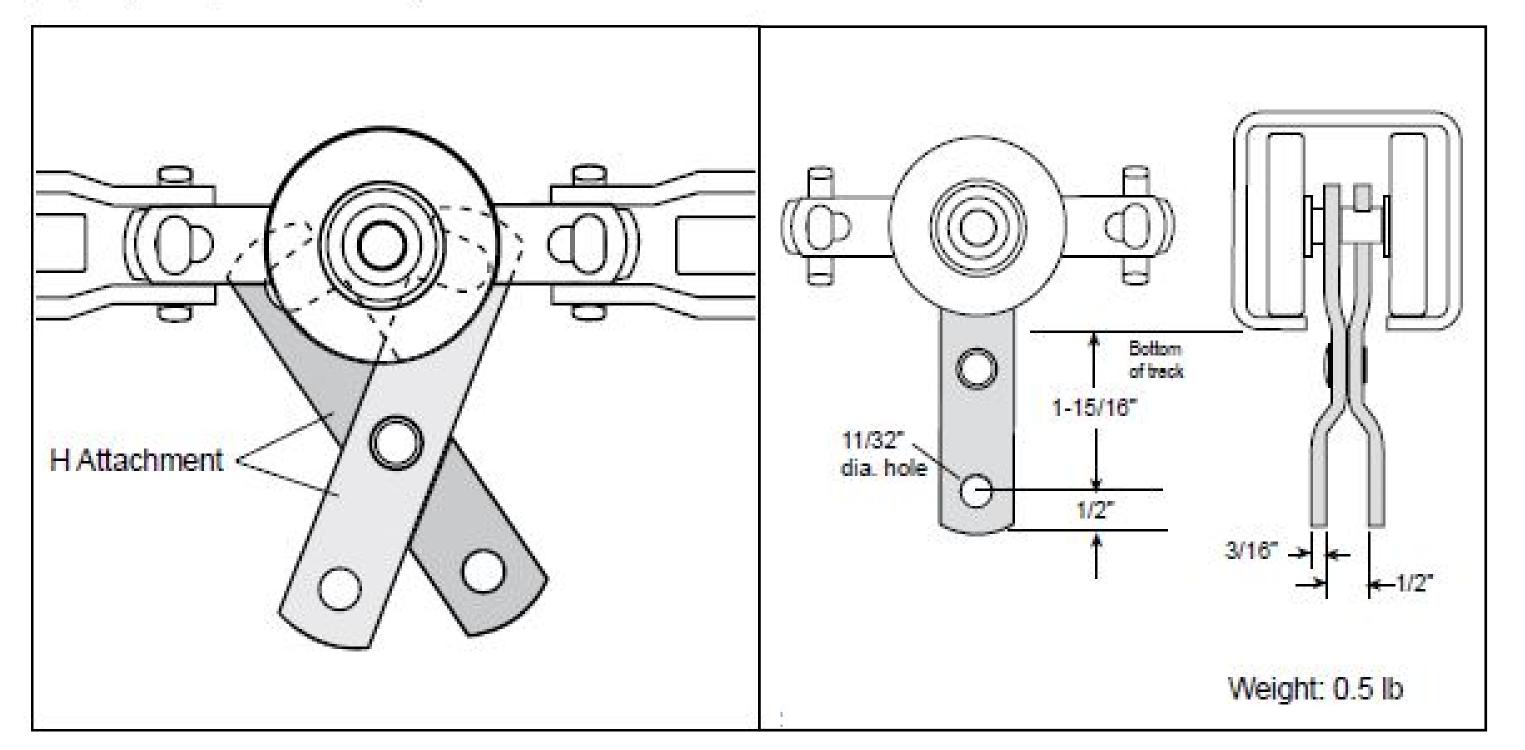
27826 (Steel)

Maximum temperature:

27827 (Nylon)
Maximum temperature:
up to 120°F w/proper lubrication

Standard "H" Attachment 21298

(Capacity 125 lb, Max. 45° Incline)



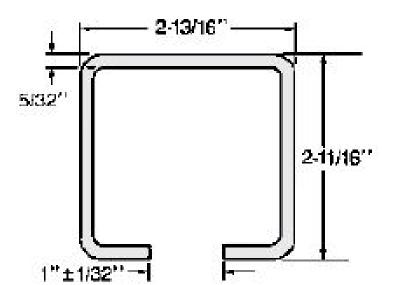
Unibilt Enclosed Track



Weight: 4.8 lb per foot

The Unibilt Enclosed Track 20200 is a square tubular section formed of 5/32" high strength Webballoy II steel. The yield strength of this steel is about 26% greater than plain carbon steel, allowing the track to be formed in lighter sections and still maintain its strength and rigidity over long spans.

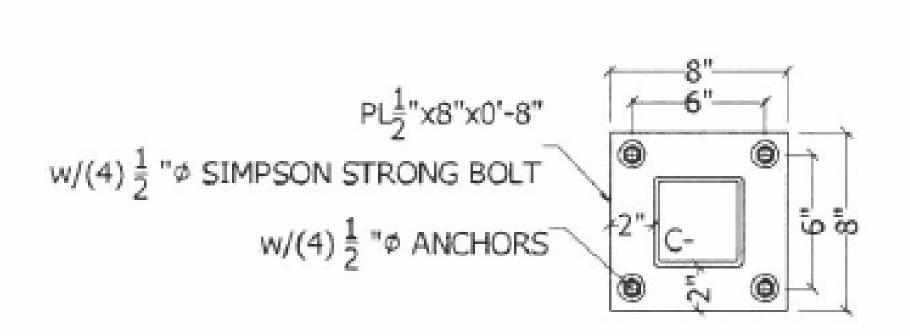
The lighter weight makes it easier to handle and imposes less load on the conveyor hangers and the building structure.



This special alloy steel has greater abrasion resistance and better load-carrying characteristics than plain carbon steel, assuring longer life under most service conditions.

The track can be welded using AWS E7018 low hydrogen rod or E71T1 wire and can be saw-cut in the field without special tools. Unibilt track is available in 10' or 20' lengths. The external surfaces of the tracks are painted our standard "Unibilt Blue."

* Unibilt stainless steel track is recommended for use through parts washers and corrosive environments



A3.4

CONVEYOR SUPPORT COLUMN BASE PLATE

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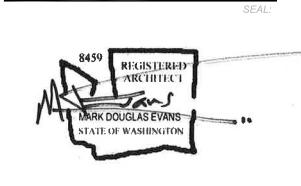
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RED DOT SHOP TI PAINT BOOTH INSTALLATION

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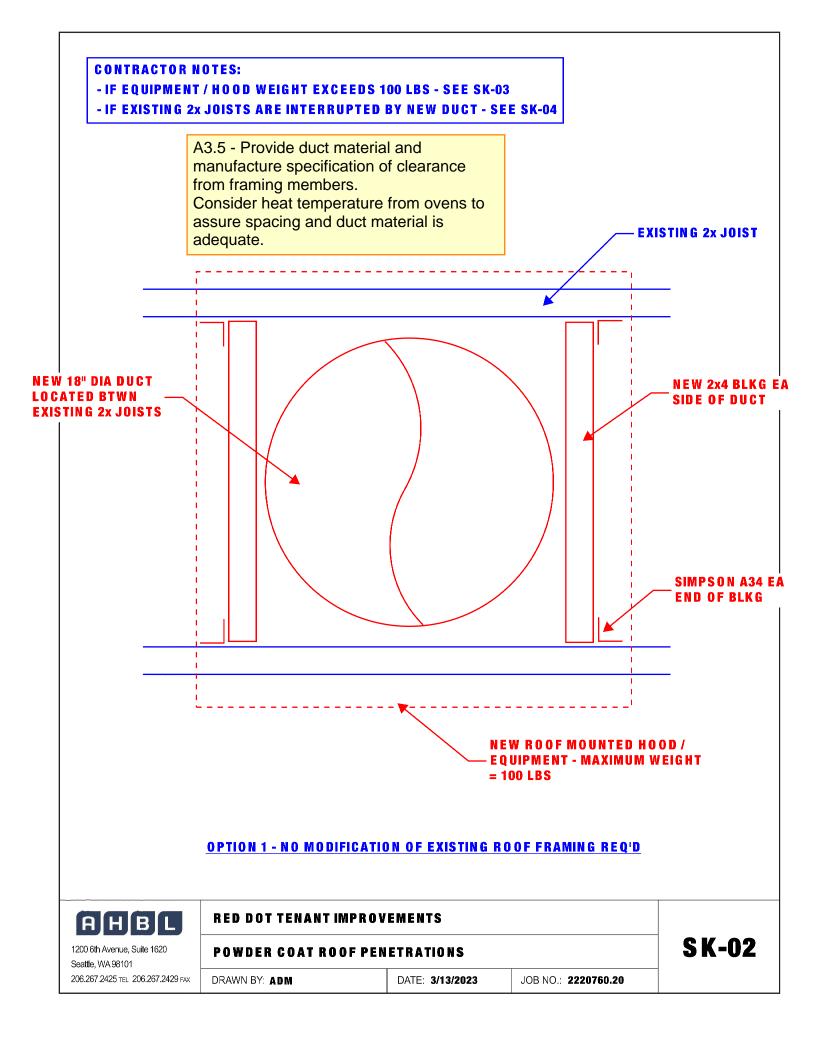
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PERMIT RESUBMITTAL 102/03/2023



PAINT BOOTH CONVEYOR COMPONENT CUT-SHEETS & DETAILS

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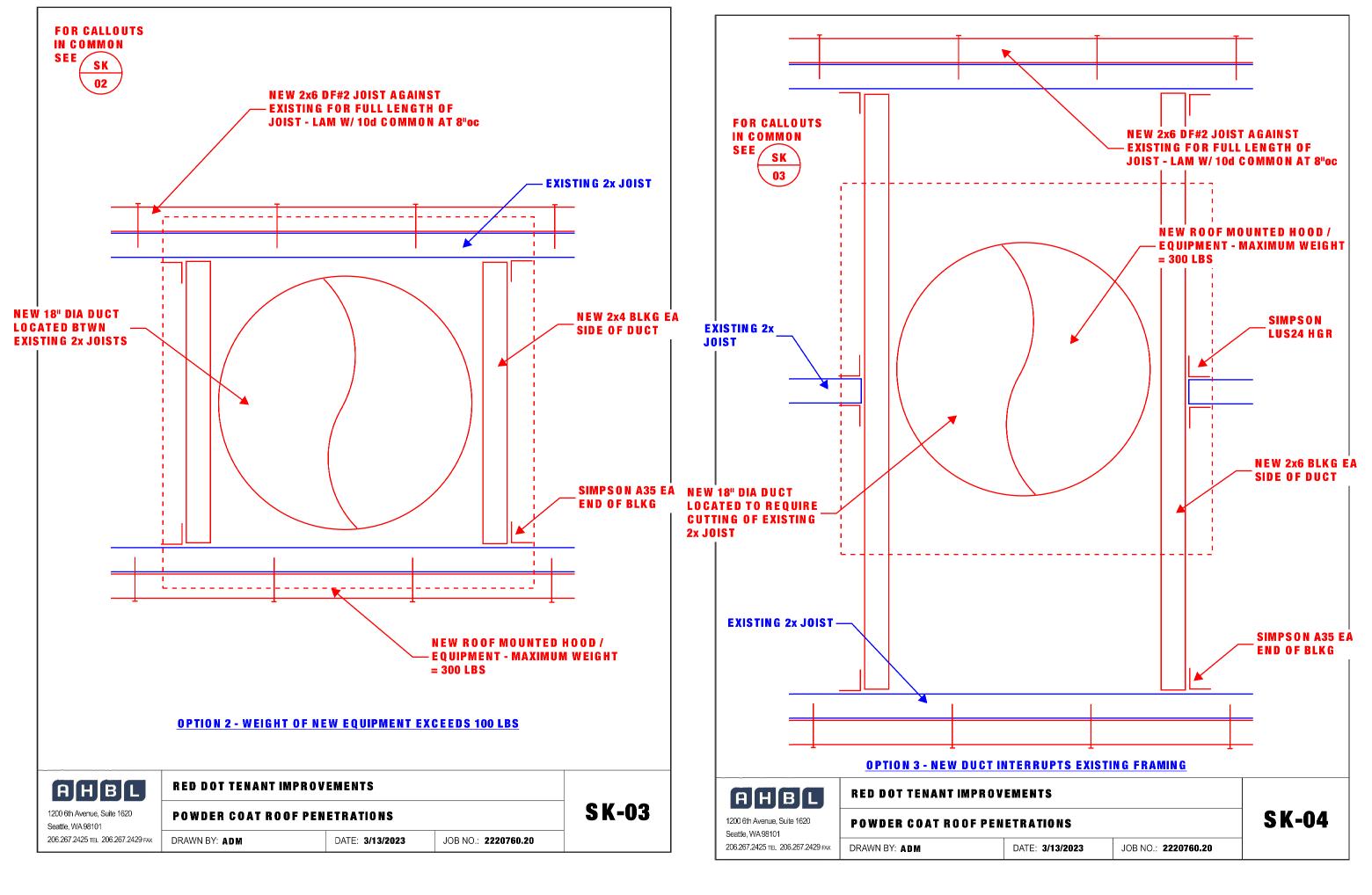
A3.4

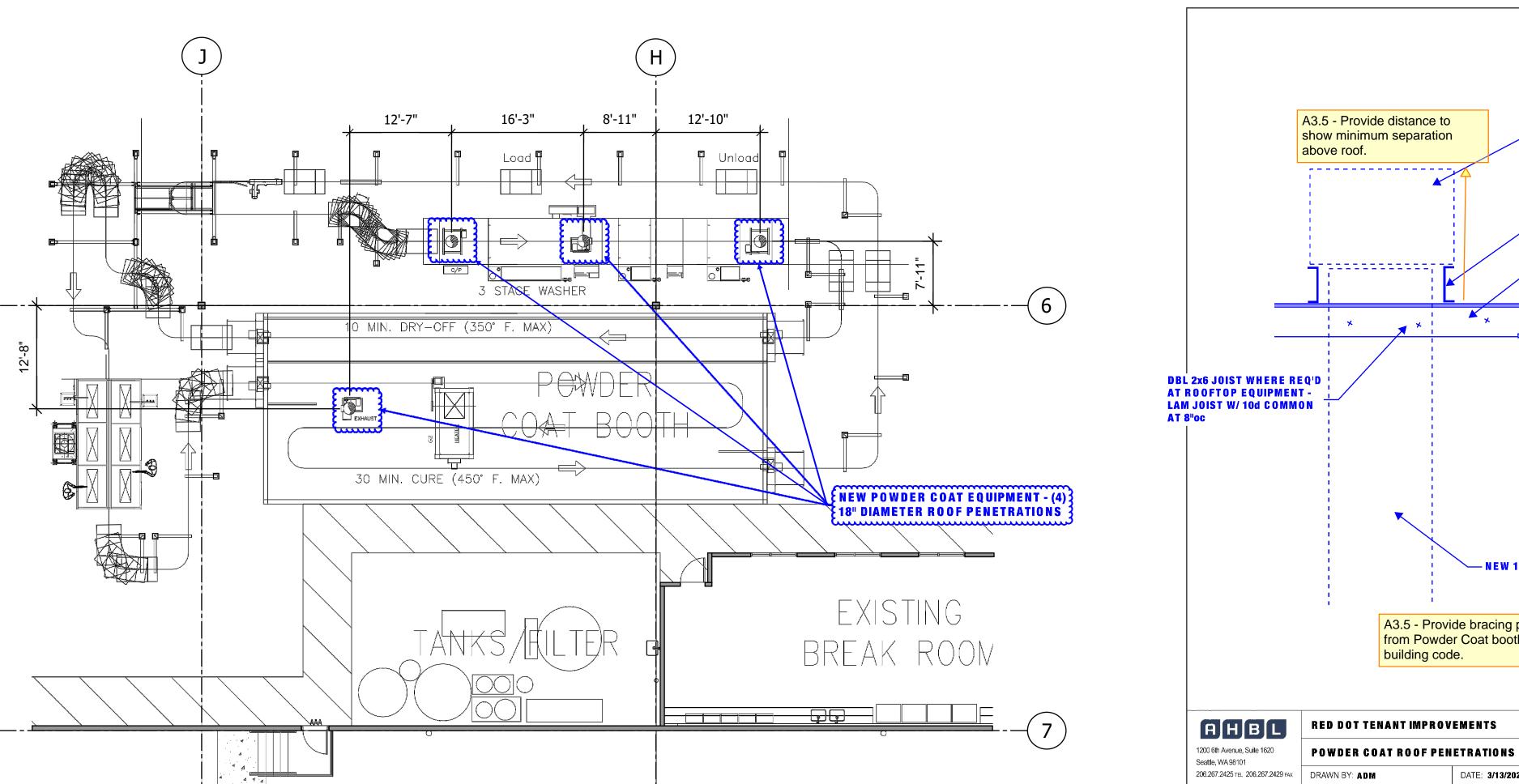


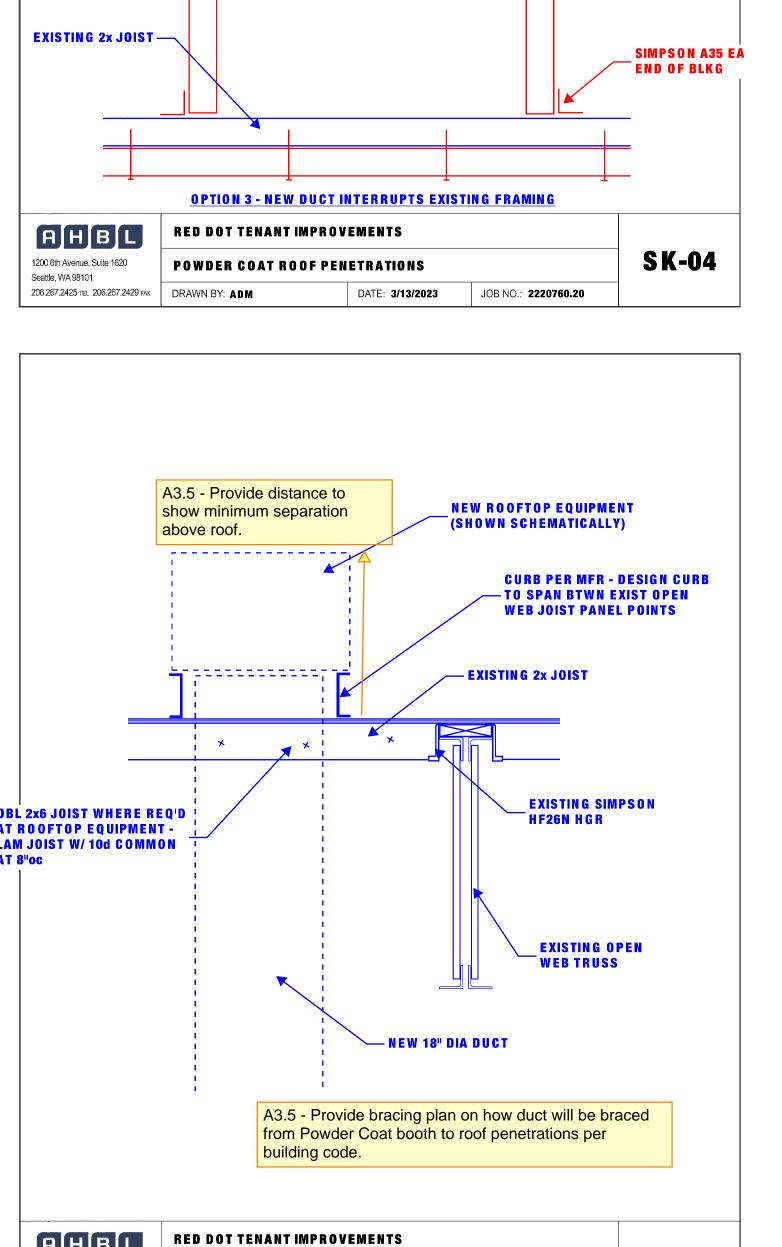
ENLARGED PAINT BOOTH EXHAUST PLAN

A3.5

SCALE: NTS







DATE: 3/13/2023

JOB NO.: **2220760.20**



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PUYALLUP, WA 98372 Description: No: PERMIT SUBMITTAL 12/22/2022 PERMIT RESUBMITTAL 02/03/2023
PERMIT RESUBMITTAL 2
PERMIT RESUBMITTAL 3 04/06/2023

A3.5 - Provide sealed Mechanical Engineer plans for mechanical work.

EXHAUST PIPING ROOF PENETRATION DETAILS

Proj. No: 21.0000440.000 Reviewed By:

SK-01

