# NELSON

Nelco Architecture, Inc.

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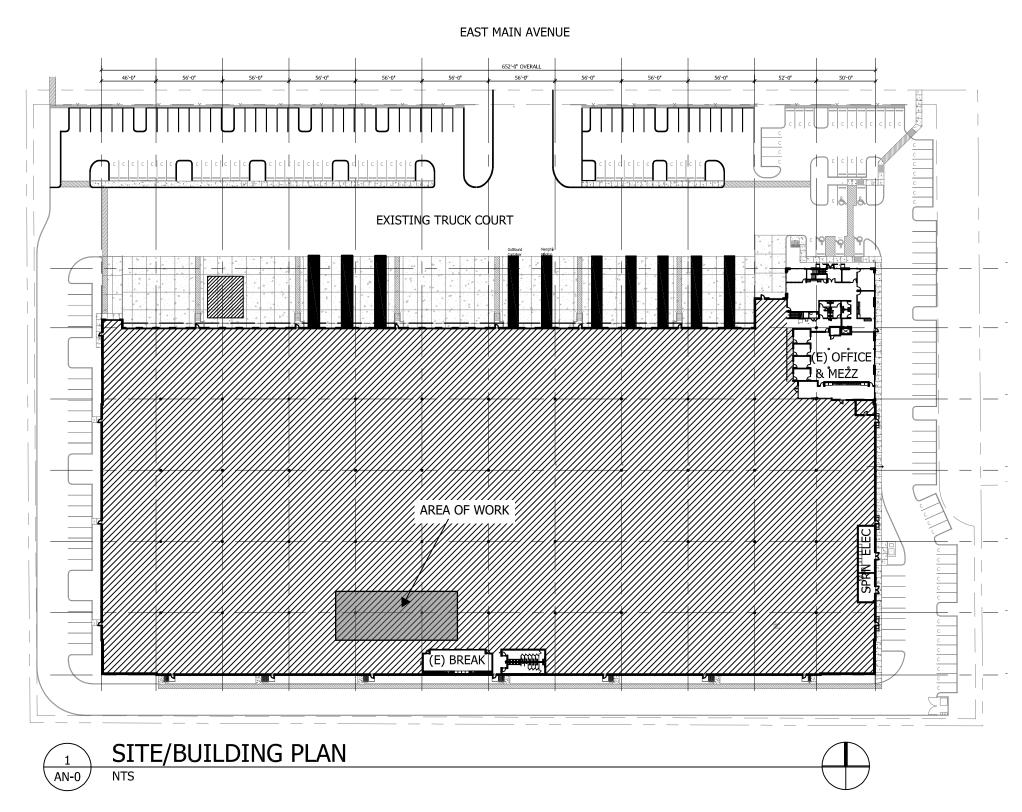
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# RED DOT CORPORATION RED DOT SHOP TI - PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE PUYALLUP, WA 98372







	DRAWING	DRAWING INDEX							
<u>^1</u>	SHEET NUMBER	SHEET TITLE	SHEET ISSUE DATE	REVISION ISSUE DATE	DRAWING REVISION NUMBER				
$\stackrel{\frown}{2}$	GENERAL		~~~						
7	AN-0	COVER SHEET	12/22/2022	02/17/2023	2				
	MAN-1	-TIFE SAFETY PLAN	V12/22/2022V	\dagger_2\da					
	AN-3	GENERAL NOTES AND ABBREVIATIONS	12/22/2022						
$\stackrel{\frown}{2}$	<b>ARCHITECTUR</b>				~~~				
>	A2.1	OVERALL MANUFACTURING SHOP FLOOR PLAN	12/22/2022	02/17/2023	2				
>	A2.2	A2.2 ENLARGED SHOP FLOOR PLAN - WEST		02/17/2023	2				
	$\mathcal{A}_{3.1}$	PAINT BOOTH SHOP DRAWINGS	12/22/2022	02/03/2023	M.				
	A3.3	PAINT BOOTH SHOP DRAWINGS	02/03/2023						
	A3.3	PAINT BOOTH SHOP DRAWINGS	02/03/2023						
	A3.4	PAINT BOOTH CONVEYOR CUT-SHEETS & DETAILS	02/03/2023						
	PLUMBING								
	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

DATE: 01/04/2023

CONDITIONS: N/A

CASE NO.: PRCTI20221916

		TOTAL (SF)	RATIO	STALLS REQ.	ADA STALLS REQ.	STALLS PROVIDED	ADA STALLS PROVIDED
MANUFACT	URE/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 APPROVEE	DI AN	156	6	190	5
		CITY OF PU' PLANNING D	YALLUP				
	APPROVED	BY: NComsto	ck				

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

FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION

Approval of submitted plans is not an approval of omissions or oversights by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

#### PROJECT DIRECTORY

PROJECT DIRECTORY		<b>BUILDING INFORMATIO</b>		
CLIENT:	RED DOT	CORPORATION	SITE ADDRESS:	2504 EAST MAIN AVENUE
	ATTN:	TODD THURNAU		PUYALLUP, WA 98372
		495 ANDOVER PARK EAST	PARCEL NUMBER:	0420264065
		TUKWILA, WA 98188	LEGAL DESCRIPTION	SECTION 26 TOWNSHIP 2
	TEL:	206.394.3527		2020-09-17-0229 BEG AT
	EMAIL:	TODDTHURNAU@REDDOTCORP.COM		OF R. NIX DLC TH N 88 D
ARCHITECT:	NELSON '	WORLDWIDE		30 MIN 31 SEC E 532.66 F FT TH S 00 DEG 30 MIN 2
	ATTN:	MARK EVANS		COMB OF 04-20-26-3-700
		1200 FIFTH AVE, #1300	ZONINC.	
		SEATTLE, WA 98101	ZONING:	ML LIMITED MANUFACTU
	TEL:	206.408.8519	CONSTRUCTION TYPE:	IIIB
	EMAIL:	MEVANS@NELSONWW.COM	FIRE PROTECTION:	FULLY SPRINKLERED
STRUCTURAL:	AHBL, IN	С	BUILDING TOTAL FLOOR AREA:	198,146 SF
	ATTN:	DREW McEACHERN		,
		2215 NORTH 30TH ST, SUITE 300	OCCUPANCY TYPE:	F-1 (MANUFACTURING) /
		TACOMA, WA 98403	PROPOSED SUITE AREA:	4,297 SF OFFICE (NEW)
	TEL:	253.383.2422		4,829 SF MEZZANINE O
	EMAIL:	DMCEACHERN@AHBL.COM		,
GENERAL CONTRACTOR:		STRUCTION		3,220 SF OFFICE (EXIST
	ATTN:	CLAY JOHNSON		2,718 SF MEZZANINE O
		1519 WEST VALLEY HIGHWAY NORTH, CUITE 103 AUBURN, WA 98001		185,625 SF MANUFACTUR
	TEI ·	206 406 3422		200.689 SE TOTAL

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

2018 IBC SECTION 429 WASHINGTON STATE AMENDMENTS

#### City of Puyallup Building **APPROVED**

See permit for additional requirements.

**JMontgomery** 02/22/2023 3:09:03 PM



#### Any and all deferred submittals fron City of Puyallup permits B-20-0235, B-21-0386, E-20-0137,

PRCTI20220873, and PRCTI20221916 shall be addresse in the PROJECT DESCRIPTION or **DEFERRED SUBMITTALS sections** of the forthcoming civil and/or building permit applications for the manufacturing facility. A pre-treatment application is require as are civil plans stamped by a

qualified Professional Engineer

(PMC 14.06). City of Puyallup Development Engineering APPROVED See permit

conditions.

02/22/2023

7:50:41 AM

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 LI OF R. NIX DLC TH N 88 DEG 50 MIN 04 SEC W 800 FT TH N 00 DEG 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
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) 200,689 SF TOTAL

#### PROJECT DESCRIPTION

#### DEFERRED SUBMITTALS

FIRE SPRINKLER, FIRE ALARM, GENERATOR, EMERGENCY RADIO, STORAGE TANKS, RACKING, BUILDING SIGNS, MODULAR UNITS, FIRE SUPRESSION FOR PAINT BOOTH, AND STRUCTURAL DESIGN OF PAINT BOOTH MECHANICAL EXHAUST PIPE ROOF PENETRATIONS. mmmmm

#### 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.

OFFFICE AREAS TO BE HEATED BY FORCED AIR HVAC

SYSTEM BY DESIGN BUILD CONTRACTOR (DEFFERED

EXISTING RIGID INSULATION VALUE: R-35, **ROOF INSULATION:** 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

**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

#### **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.



## **RED DOT** CORPORATION

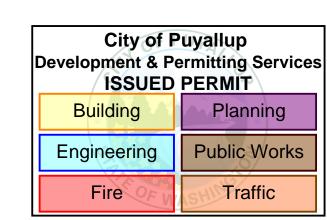
495 ANDOVER PARK EAST

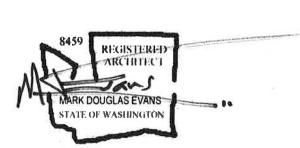
TUKWILA, WA 98188

RED DOT SHOP TI

#### 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

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



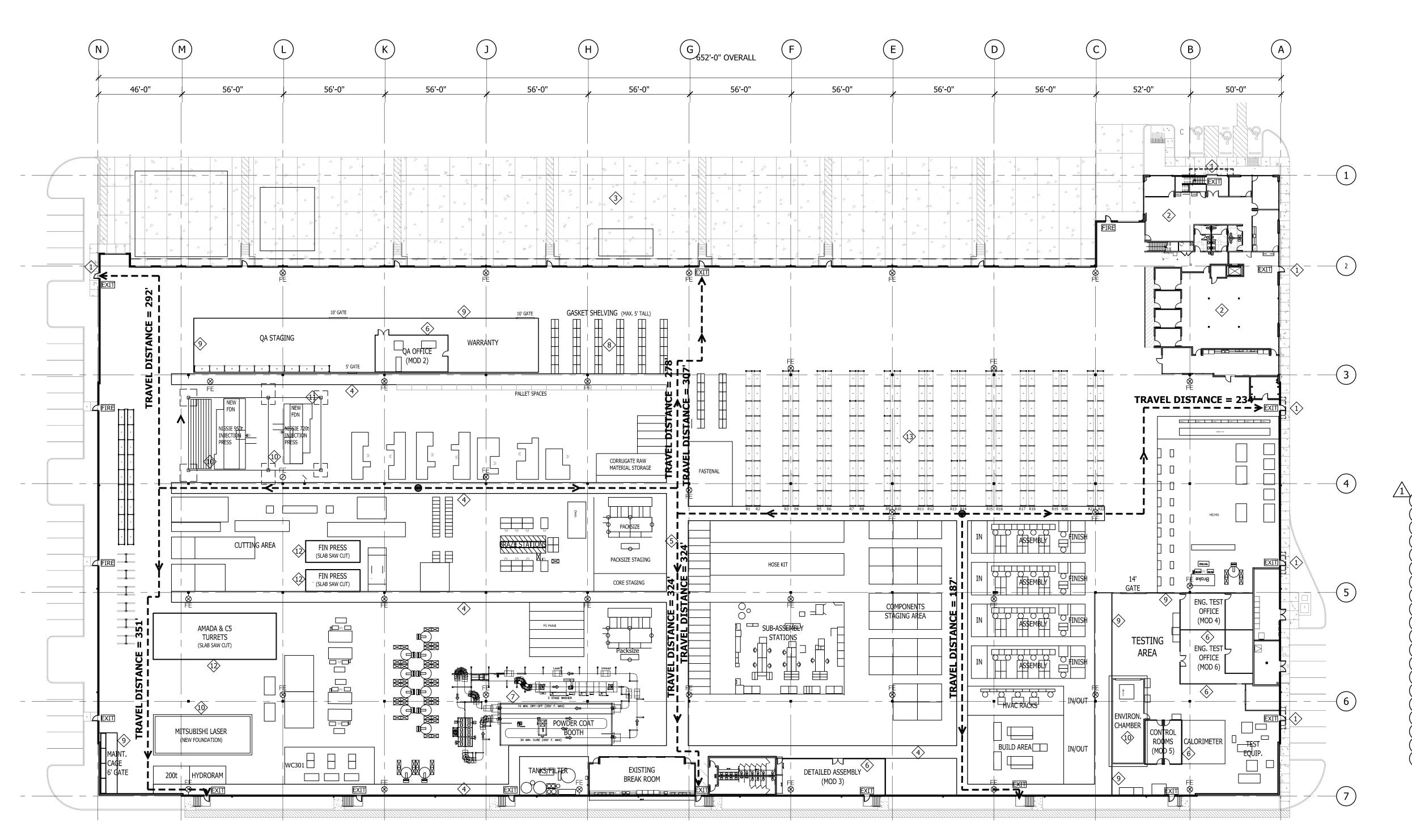


**GENERAL INFORMATION** AND SITE PLAN

Proj. No: 21.0000440.000 Reviewed By:

AN-0

200,689 SQ FT = 717



LIFE SAFETY PLAN

#### **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.

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:

# EXIT REQUIREMENTS: (IBC 1006 TABLE 1006.2.1 & 1006.3.1) NUMBER REQ'D NUMBER PROVIDED OFFICE 2 2 WAREHOUSE 2 6

#### **LEGEND**

TOTAL

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.

FIRE

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

SURFACE MO

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.

TAPED CIRCULATION/EGRESS AISLE, 12' WIDE
 MODULAR WALL SYSTEM UNDER SEPARATE PERMIT

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

 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

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CORPORATION
495 ANDOVER PARK EAST
TUKWILA, WA 98188

RED DOT SHOP TI PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description: No: Date:

PERMIT SUBMITTAL 12/22/202

PERMIT RESUBMITTAL 102/03/202

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic

MARK DOUGLAS EVANS
STATE OF WASHINGTON

LIFE SAFETY PLAN

Proj. No: 21.0000440.000 Reviewed By:

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

CONFLICTS OR OMISSIONS DISCOVERED TO THE ARCHITECT FOR

- 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 WIL BE OCCUPIED DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL 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.
- 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. EXCLUSIONS, OR MODIFICATIONS TO THE PROJECT DURING THE BID
- THE GENERAL CONTRACTOR SHALL MAKE KNOWN ANY AND ALL LIMITATIONS, 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 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 REQUIRED 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.

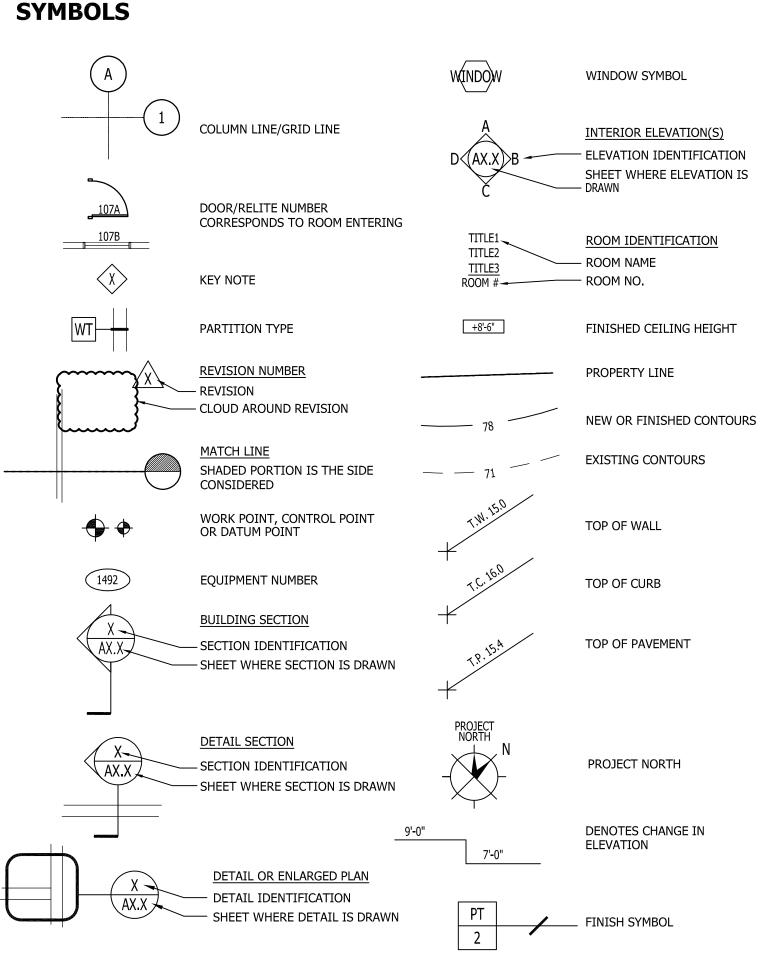
DURING THE COURSE OF CONSTRUCTION, ACTUAL LOCATIONS SHALL BE INDICATED TO SCALE IN RED INK ON THE OWNERS RECORD DRAWINGS FOR ALL RUNS OF MECHANICAL AND ELECTRICAL WORK INCLUDING CONCEALED WORK WHICH DEVIATES FROM THE DRAWINGS, UPON COMPLETION OF THE PROJECT. INCLUDING ALL PUNCHLIST ITEMS, THIS INFORMATION 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.



#### **ABBREVIATIONS**

DIAMETER OR ROUND

CENTER LINE

FLUOR

FΜ

FOC

**FLUORESCENT** 

FACTORY MUTUAL

**FACE OF CONCRETE** 

Ø #	DIAMETER OR ROUND NUMBER OR POUND	FOC FOF	FACE OF CONCRETE FACE OF FINISH	PSI PT	POUNDS PER SQUARE INCH PRESSURE TREATED
_	PENNY	FOIC	FURNISHED BY OWNER	PTD	PAPER TOWEL DISPENSER
⊥ rt	PERPENDICULAR PLATE	FOIO	INSTALLED BY CONTRACTOR FURNISHED BY OWNER	PTD/R	PAPER TOWEL DISPENSER AND RECEPTACLE
Б	ANGLIOR ROLT	FOC	INSTALLED BY OWNER	PTN	PARTITION
NB NC	ANCHOR BOLT ACOUSTICAL	FOS FS	FACE OF STUD FULL SIZE	PTR PVMT	PAPER TOWEL RECEPTACLE PAVEMENT
v/C	AIR CONDITIONING	FT	FEET		
NCP NCT	ACOUSTICAL CEILING PANEL ACOUSTICAL TILE	FTG FTIC	FOOTING FURNISHED BY TENANT	QΤ	QUARRY TILE
NDH	ADHESIVE		INSTALLED BY CONTRACTOR	R	RISER
NDJ NF	ADJACENT ACCESS FLOOR	FTIO	FURNISHED BY TENANT INSTALLED BY OWNER	RA RAD	RETURN AIR RADIUS
\FF	AT/ABOVE FINISH FLOOR	FURR	FURRING	R&S	ROD & SHELF
NHJ NL	AUTHORITY HAVING JURISDICTION ALUMINUM	FUT FUTURE-	FUTURE FUTURE ROUGH IN ONLY	RB RCP	RESILIENT BASE REFLECTED CEILING PLAN
	ALTERNATE	RIO	TOTOKE ROOGH IN ONE!	RD	ROOF DRAIN
NP NPC	ACCESS PANEL ACOUSTICAL PANEL CEILING	GA	GAGE	RD/O	ROOF DRAIN OVERFLOW REINFORCING BAR
<b>PPROX</b>	APPROXIMATE	GALV	GALVANIZED	REF	REFERENCE
ARCH ASPH	ARCHITECTURAL ASPHALT	GB GC	GRAB BAR GENERAL CONTRACTOR	REFR REINF	REFRIGERATOR REINFORCED
SD	BOARD	GL	GLASS OR GLAZING		REQUIRED
BETW	BETWEEN	GLB GND	GLU-LAM BEAM GROUND	REV RH	REVISION RIGHT HAND OR ROBE HOOK
BLK BLDG	BLOCK BUILDING	GR	GRADE	RESIL	RESILIENT
BM	BEAM	GWB	GYPSUM WALL BOARD	RM RO	ROOM ROUGH OPENING
BRG BOT	BEARING BOTTOM	НВ	HOSE BIB	RT	RESILIENT TILE
SMT	BASEMENT	HC HDR	HOLLOW CORE OR HANDICAP HEADER	RUB	RUBBER
BUR	BUILT UP ROOF	HDWD	HARDWOOD	RW RWL	RAIN WATER RAIN WATER LEADER
		HDWE	HARDWARE		
CAB	CABINET	HM HORIZ	HOLLOW METAL HORIZONTAL	S SC	SOUTH SOLID CORE
CB CBU	CATCH BASIN CEMENTITIOUS BACKER UNIT	HR HT	HOUR	SCD	SEAT COVER DISPENSER
CEM	CEMENT	HTG	HEIGHT HEATING	SCHD SD	SCHEDULE SOAP DISPENSER
ER FM	CERAMIC CUBIC FEET PER MINUTE	HVAC	HEATING/VENTILATION/	SECT	SECTION
FT	CONDUCTIVE FLOOR TILE	HWH	AIR CONDITIONING HOT WATER HEATER	SF SHTG	SQUARE FEET SHEATHING
CG CHBD	CORNER GUARD CHALK BOARD			SIM	SIMILAR
I	CAST IRON	IBC ID	INTERNATIONAL BUILDING CODE INSIDE DIAMETER/	SNK	SINK
IJT LF	CONTROL JOINT CHAIN LINK FENCE		DIMENSION	SLR SND	SEALER SANITARY NAPKIN
LG	CEILING	IEC	INTERNATIONAL ELECTRIC CODE COUNCIL	CND	DISPENSER
IJ LK	CONSTRUCTION JOINT CAULKING	IFC	INTERNATIONAL FIRE CODE	SNR	SANITARY NAPKIN RECEPTACLE
CLO	CLOSET	IG IHM	INSULATED GLAZING INSULATED HOLLOW METAL	SPEC	SPECIFICATION
LR	CLEAR CONCRETE MASONRY UNIT	IN	INCH	SQ SST	SQUARE STAINLESS STEEL
CMU CNTR	COUNTER	INCL INSUL	INCLUDE INSULATION	SSK	SERVICE SINK
00	CLEANOUT	INT	INTERIOR	ST STA	STONE/STONE TILE STATION
COL	COLUMN CONCRETE	IPC	INTERNATIONAL PLUMBING CODE	STC	SOUND TRANSMISSION
	CONSTRUCTION	JAN	JANITOR	STD	CLASS STANDARD
ONT ORR	CONTINUOUS CORRIDOR	JT	JOINT	STL	STEEL
PT	CARPET	KIT	KITCHEN	STOR STRL	STORAGE STRUCTURAL
T TR	CERAMIC TILE CENTER	KO	KNOCK OUT	SUSP	SUSPENDED
Ϋ́	CUBIC YARD	KS	KNEE SPACE	SV SYM	SHEET VINYL
BL	DOUBLE	LAM	LAMINATE		SYMMETRICAL
DEPT	DEPARTMENT	LAV LB	LAVATORY LAG BOLT	T TB	TREAD TOWEL BAR
OF DIA	DRINKING FOUNTAIN(W/O COOLER) DIAMETER	LF	LINEAL FOOT	T&B	TOP & BOTTOM
DIAG	DIAGONAL	LG LH	LENGTH LEFT HAND	TG THK	TEMPERED GLASS THICK
DIM DISP	DIMENSION DISPENSER	LINO	LINOLEUM	TIG	TEMPERED INSULATED
)N	DOWN	LKR LT	LOCKER LIGHT	то	GLAZING TOP OF
OR NTI	DOOR OR DRAIN	LI	LIGHT	TOC	TOP OF CONCRETE
DTL DWR	DETAIL DRAWER	MACH MATL	MACHINE MATERIAL	TOP TOS	TOP OF PAVEMENT TOP OF STEEL
)S	DOWNSPOUT	MAX	MAXIMUM	TOSL	TOP OF SLAB
)W )WG	DISHWASHER DRAWING	MECH MEZZ	MECHANICAL	TOW TPD	TOP OF WALL TOILET PAPER DISPENSER
		MFR	MEZZANINE MANUFACTURER	TPH	TOILET PAPER HOLDER
: :A	EAST EACH	MH	MANHOLE	TPTN TS	TOILET PARTITION TUBULAR STEEL
В	EXPANSION BOLT	MIN MIR	MINIMUM MIRROR	TV	TELEVISION
:J :L	EXPANSION JOINT ELEVATION	MISC	MISCELLANEOUS	TYP	TYPICAL
LEC	ELECTRIC	MLD MRGWB	MOLDING MOISTURE RESISTANT GWB	UL	UNDERWRITERS LABORATORY
LEV M	ELEVATOR ENTRY MAT	MTD	MOUNTED	UNF	UNFINISHED
MER	EMERGENCY	MTL MULL	METAL MULLION	UON UR	UNLESS OTHERWISE NOTED URINAL
:NCL :P	ENCLOSURE OR ENCLOSED ELECTRICAL PANEL				
.r :WC	ELECTRICAL FAIRLE ELECTRIC WATER COOLER	N NIC	NORTH NOT IN CONTRACT	VAR VCT	VARIES VINYL COMPOSITION TILE
PX	EPOXY EQUAL	NO/#	NUMBER	VERT	VERTICAL
:Q :QUIP	EQUIPMENT	NOM NTS	NOMINAL NOT TO SCALE	VEST VIN	VESTIBULE VINYL
ST	ESTIMATE	OA	OVERALL	VWC	VINYL WALL COVERING
X XIST	EXPANSION EXISTING	OC	ON CENTER	W	WEST
XT	EXTERIOR	OD	OUTSIDE DIAMETER/ DIMENSION	W/	WITH
·A	FIRE ALARM	OFF	OFFICE	W/O	WITHOUT
BO	FURNISHED BY OTHERS	OH OPH	OVERHEAD OPPOSITE HAND	WC WD	WATER CLOSET WOOD
CIC	FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR	OPNG	OPENING	WF	WIDE FLANGE
	FACTORY	OPP	OPPOSITE	WG WHSE	WIRE GLASS WAREHOUSE
:DN :D	FLOOR DRAIN FOUNDATION	PERP PFN	PERPENDICULAR  DREEINISHED	WP	WATER PROOF
Έ	FIRE EXTINGUISHER	PFN PL	PREFINISHED PLATE OR PROPERTY LINE	WR WSCT	WATER RESISTANT WAINSCOT
EC F	FIRE EXTINGUISHER CABINET FACTORY FINISH	PLAM	PLASTIC LAMINATE	WT	WEIGHT
IN	FINISH	PLYWD PNL	PLYWOOD PANEL	XFMR	TRANSFORMER
L LG	FLOOR FLASHING	PNT PR	PAINT PAIR	YD	YARD
		1 13	1731		

## NELSON

Nelco Architecture, Inc.

PAINT SYSTEM

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

PS

PSF

1200 Fifth Ave. Suite 1300 Seattle, WA 9810<sup>-</sup> Phone: (206) 408-8500 WWW.NELSONWORLDWIDE.COM

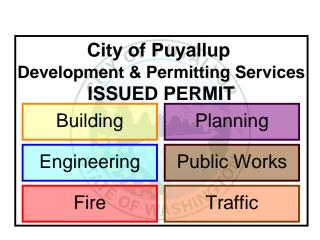


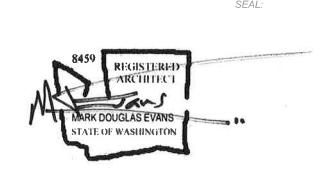
**RED DOT CORPORATION** 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE

PUYALLUP, WA 98372 PERMIT SUBMITTAL





**GENERAL NOTES & ABBREVIATIONS** 

Proj. No: 21.0000440.000 Reviewed By:

## NELSON

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Suite 1300
Seattle, WA 98101
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#### SHOP PLAN NOTES

MANUFACTURING:

1. MACHINES AND PROCESSES TO PRODUCE MANUFACTURED PARTS.
AREAS INDICATED IN GRAY INCLUDE EQUIPMENT/MACHINE AND

THE RED DOT SHOP LAYOUT PLAN INCLUDES THE FOLLOWING CATEGORIES

2. AREA FOR FORKLIFT TRAFFIC, EMPLOYEE WALKWAYS, MOVEMENT OF COMPONENTS FROM ONE WORK CENTER TO THE NEXT (GENERAL CIRCULATION).

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).

#### SHOP PLAN KEY NOTES 🗇

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

A3.1: Not in scope of

installation of Paint

work. Permit for

Booth only.

EVR

EVR

EVR

EVR

EVR

EVR

- 4. TAPED CIRCULATION/EGRESS AISLE, 6' WIDE UNO.
- 5. TAPED CIRCULATION/EGRESS AISLE, 12' WIDE
- 6. MODULAR WALL SYSTEM UNDER SEPARATE PERMIT
- 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
- 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



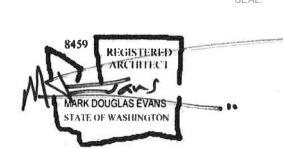
RED DOT
CORPORATION
495 ANDOVER PARK EAST
TUKWILA, WA 98188

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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic



#### 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

RdCK 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 DACKGIZE

TANKS/PILITERS

WARRANTY

COMPRESSORS

CORRUGATE RAW MATERIAL STORAGE

BOX MACHINE

PACKSIZE STAGING

CORE STAGING

GROUP A PLASTICS STORAGE AREA

REFURIVABLE 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 | FINISH

COMPONENT BUILD TABLES

NAC RACKS

BUILD AREA

(B)

----

MVCHINE SCOM

OFFICE BREAK ROOM

Sedan 1 Sedan 2 Sedan 3 Sedan 4 Sedan 5 Sedan 6

MANUFACTURING

ENGINEERING \_

MACHINE

SHOP

Brake

CALORI-METER

TEST EQUIP.

14' GATE

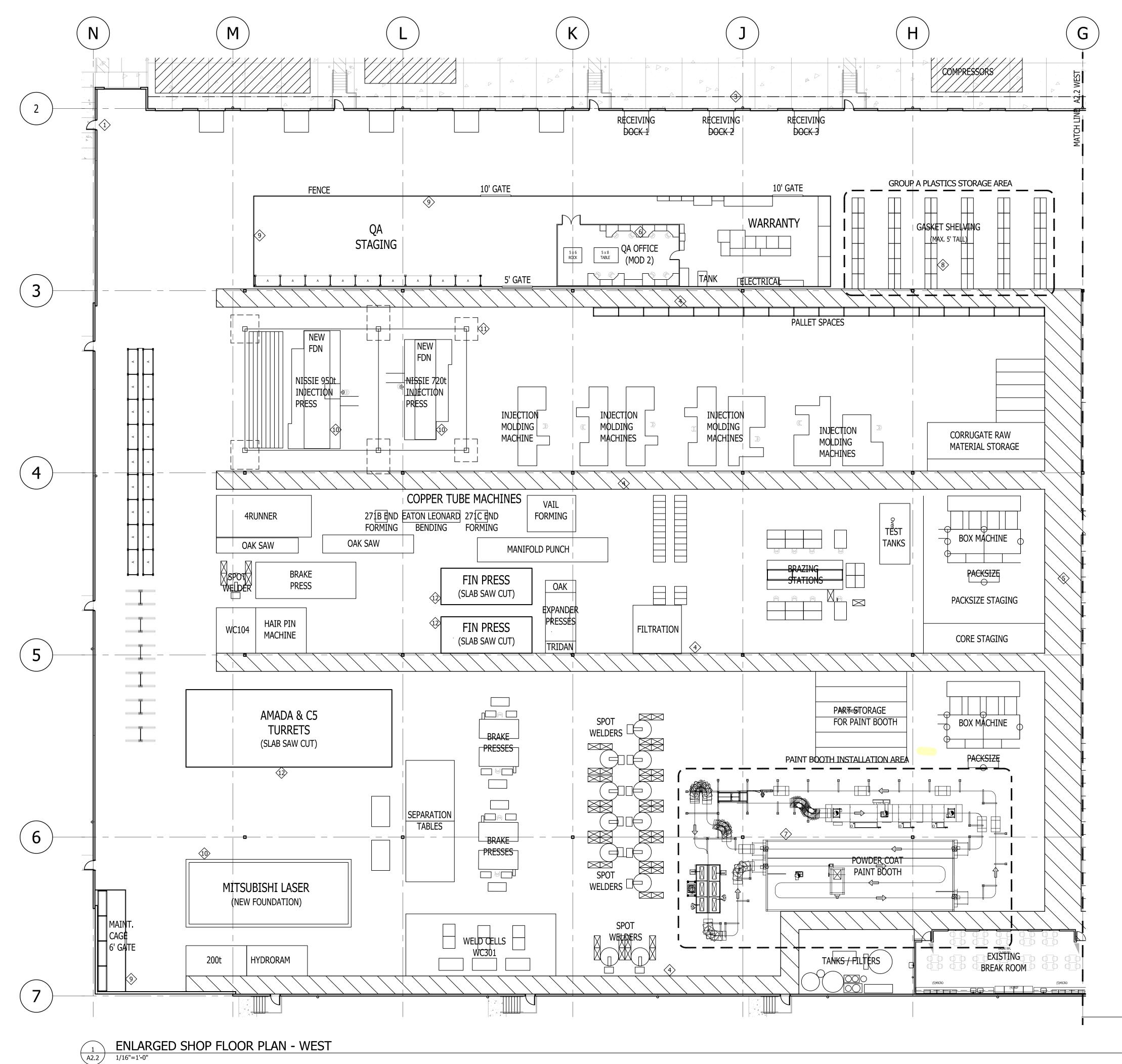
TESTING

AREA

ENVIRON.

MACHINIST DESKS

A2.1



#### SHOP PLAN NOTES

THE RED DOT SHOP LAYOUT PLAN INCLUDES THE FOLLOWING CATEGORIES

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

AREA FOR FORKLIFT TRAFFIC, EMPLOYEE WALKWAYS, MOVEMENT OF COMPONENTS FROM ONE WORK CENTER TO THE NEXT (GENERAL CIRCULATION).

STORAGE AND RACKING OF FINISHED COMPONENTS (RACKING/STORAGE WAREHOUSE).

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 🗇

- 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
- 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

7. POWDER COAT PAINT BOOTH AND CONVEYER ASSEMBLY PER SHOP

- 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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Nelco Architecture, Inc.

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

RED DOT SHOP TI

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

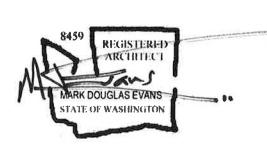
PERMIT SUBMITTAL 12/22/2022
PERMIT RESUBMITTAL 2 02/03/2023
PERMIT RESUBMITTAL 2 02/17/2023

#### ITEMS TO BE DEFERRED:

MECHANICAL PLANS THAT INCLUDE INSTALLATION OF EXHAUST SYSTEM FOR PAINT BOOTH. INCLUDE CFM PER City of Puyallup MANUFACTURER'S SPECIFICATIONS, TERMINATION DETAILS, SUPPORT AND STRUCTURAL ROOF PENETRATION IN THE STRUCTURAL ROOF PENETRATION IN DETAILS, SUFFORT AND STRUCTURAL SUPPOR Engineering

Development & Permitting Services
ISSUED PERMIT Planning

Public Works Traffic Fire

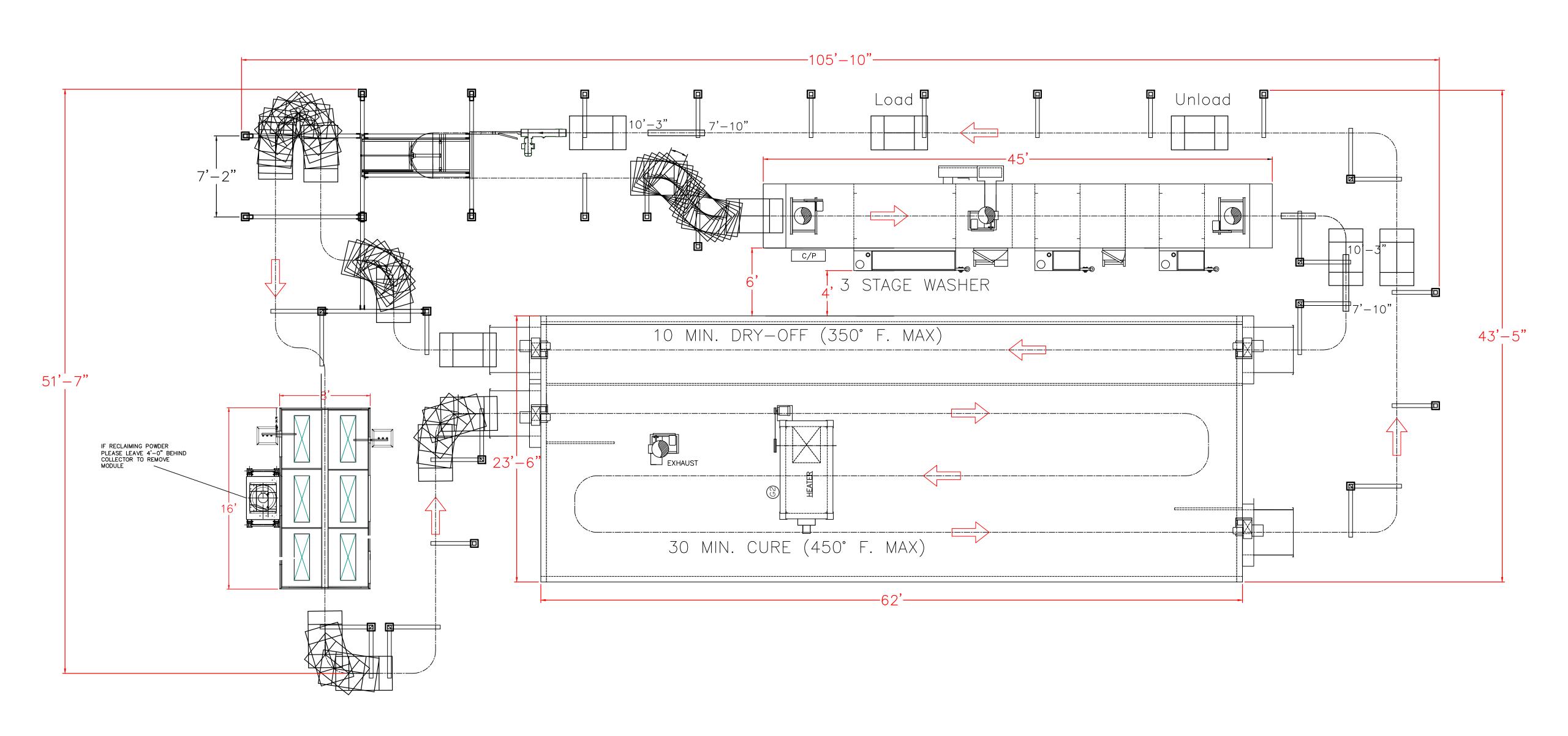


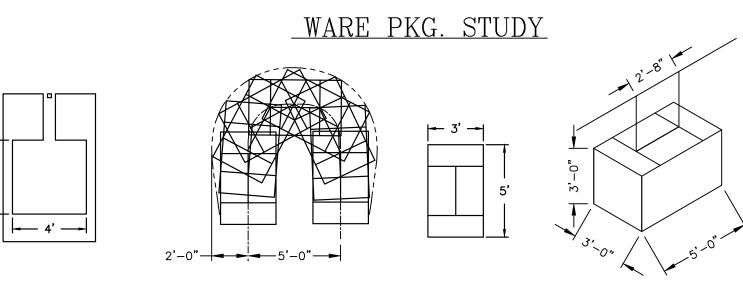
#### PAINT BOOTH DEFERRED PERMIT NOTE

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	DRAWN BY: John Books	QUOTE NO.	DRAWING APPROVAL _	DV T	
Layout — 30 Min. Cure @ 6FPM	DATE	DRAWING NO.	ENGINEERING	BA	DATE
PROJECT	August 8th, 2022				
Powder System	SCALE 3/16" = 1'	SHEET NO.	CUSTOMER		
CUSTOMER	<b>'</b>				
Red Dot Corporation	JOB NO.	REVISION NO.	CONSTRUCTION		

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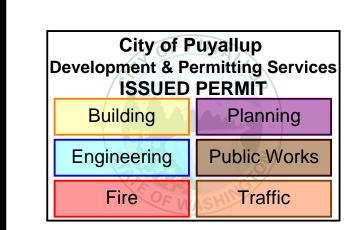
RED DOT
CORPORATION
495 ANDOVER PARK EAST
TUKWILA, WA 98188

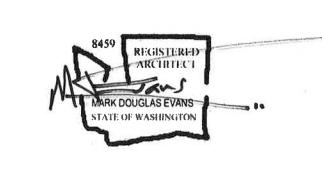
RED DOT SHOP TI
PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Description: No: Date:

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

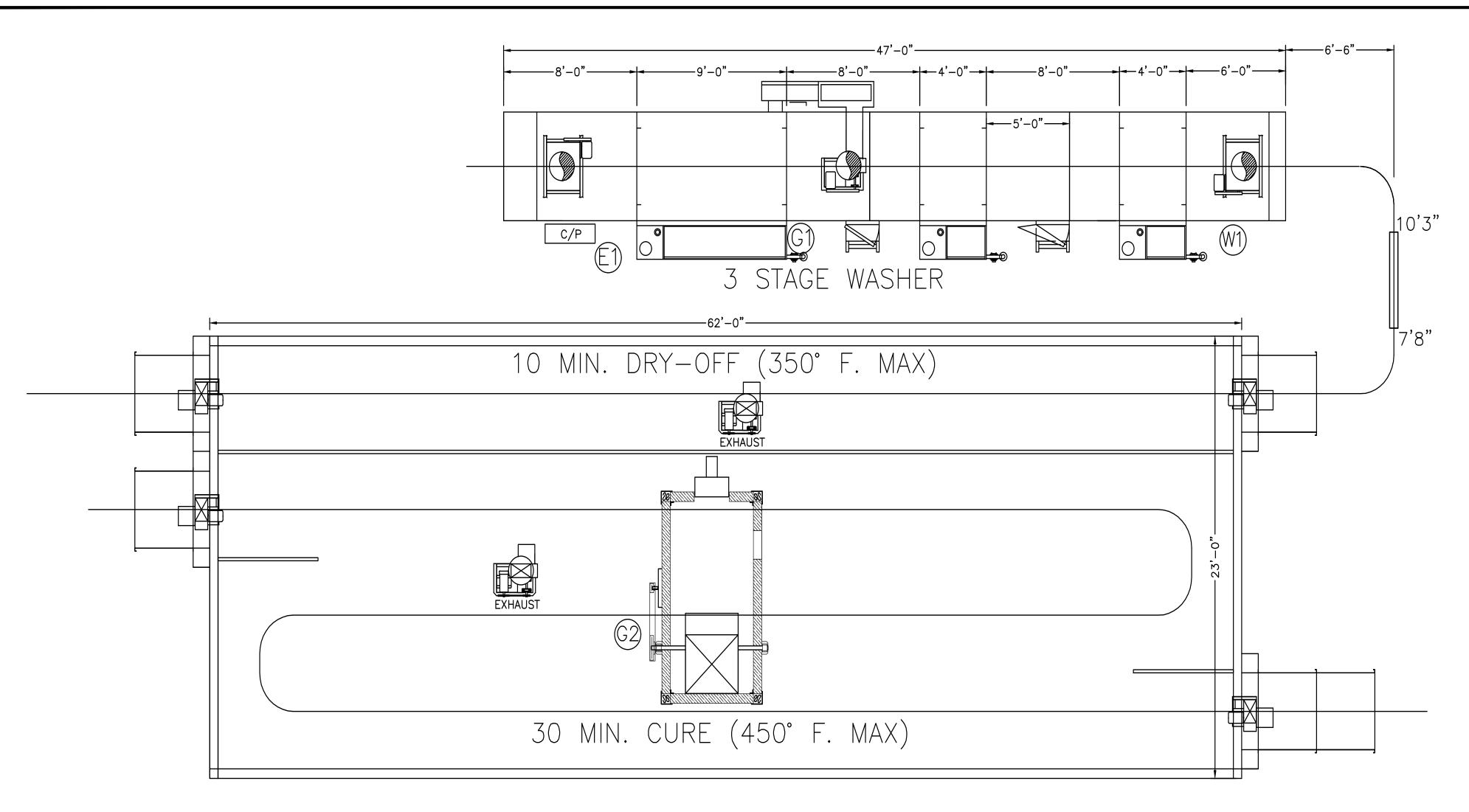




PAINT BOOTH SHOP DRAWINGS

Proj. No: 21.0000440.000 Reviewed By:

A3.1



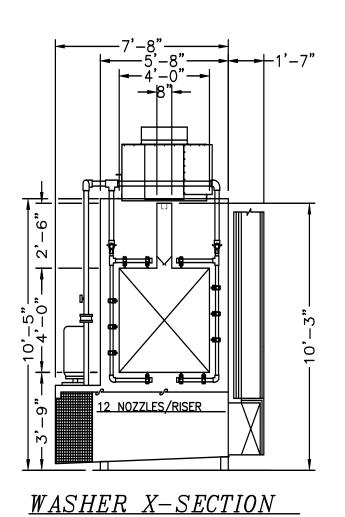
#### UTILITY LEGEND

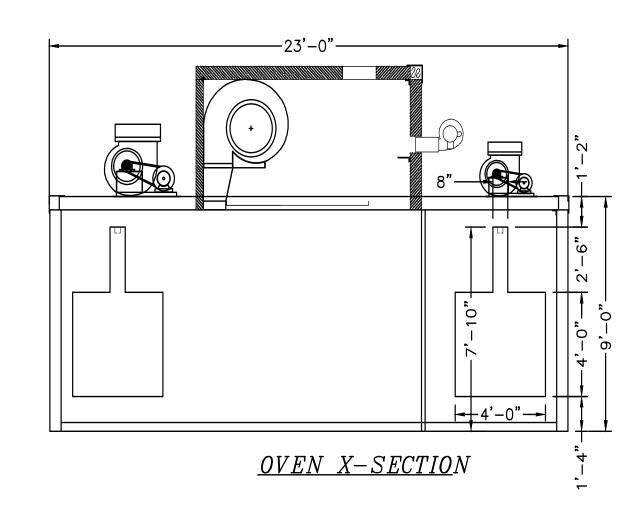
E1 — Washer & Oven 149 amps (Fused at 175 amp) 480 V/ 3 Ph.

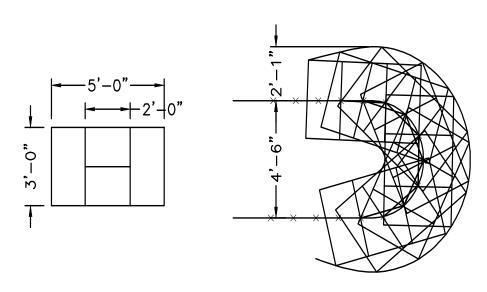
G1 — Washer Stg 1 Gas Drop, 1800 CFH Natural Gas, 2—7 PSI Req'd. G2 — Combination Oven Gas Drop, 3200 CFH Natural Gas, 2—7 PSI Req'd.

W1 - City Water Connection -  $\frac{1}{1/2}$  IPS

A3.2 - Per meetings and walk-through actual meter connection is 1 inch.







PRETREATMENT SYSTEM — 3 STAGE  Stage 1 — Clean/Coat 1002 gal Net Capacity 90 sec 130° F. mo  1 ea — 7.5 hp Spray Pump Cast Iron 324 gpm ea. @ 60' wc  Heat System — 1 ea. Reg'd.	ıx.
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"	
Stage 2 - 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 Gravity Fed Water Make—up from Stage #3	
Manual Quick Water Fill — 1 1/2"	
<u>Stage 3 — 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 Fresh Water Make—up Manual Quick Water Fill — 1 1/2"	
General 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	
<u>General</u> Heat System — 1 ea. Req'd.	
320AH Burner — 3/4hp — 3.2 MMBTU #2 1/4 DWDI Recirculating Air Blower — 36,000 cfm — 40 H	IP
3200 cfh Natural Gas @ 2—7 PSI Supply Pressure Insulated 'B' Deck Floor	"
6" Thick Oven Walls and Roof	VED O to-
Exhaust Fans — Dry Off 750 cfm Exh/2,044 cfm Purge — 1 Fan @ 2 HP - Cure 2,750 cfm Exh/3,814 cfm Purge — 2 Fan @ 2 HP — Insurance Standard — FM	VFD Contro
insulance Standard TM	
REQUIRED CUSTOMER INFORMATION  The following information is required before detail engineering can be	ain
Please include the following information on the return copy of this approval drawing:	y"''
Roof Height: (ft-in) @ South Building Wall in Drawing	
Roof Slope:	
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 INDICATED.	

	Revision						
No.	Note	1					
$\Lambda$	5-31-22 APPROVAL DWG.		L				
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		JOB:	RED	D	OT WA	ASH/C	OVENS
		OF GENER	THIS DRAWING IS OF A CONFIDENTIAL NATURE AND OF GENERAL AUTOMATIC TRANSFER CO. AND MAY NO DISCLOSED WITHOUT WRITTEN PERMISSION OF THE CO.				
		SCALE: 1 /4"_1'_O" DRAWN BY:					
		\ \ &	AS NOTED		DAN G	GUIRL	
		DATE 4/	/22/22		drawing no. 2206	SH.	OF

DATE

TITLE

COMPANY

SIGNATURE

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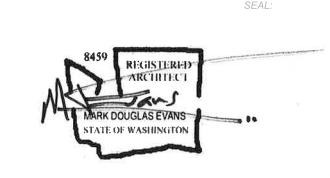
**RED DOT** CORPORATION 495 ANDOVER PARK EAST TUKWILA, WA 98188

RED DOT SHOP TI PAINT BOOTH INSTALLATION

2504 EAST MAIN AVENUE PUYALLUP, WA 98372

PERMIT SUBMITTAL 12/21/2022 PERMIT RESUBMITTAL 12/21/2022 02/03/2023

City of Puyallup
Development & Permitting Services
ISSUED PERMIT Planning Building Public Works Engineering Traffic Fire

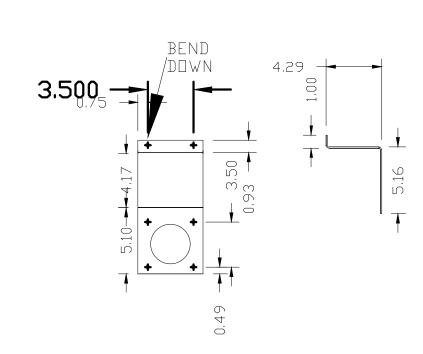


PAINT BOOTH 1 SHOP DRAWINGS ≻ Proj. No: 21.0000440.000 Reviewed By:

A3.2

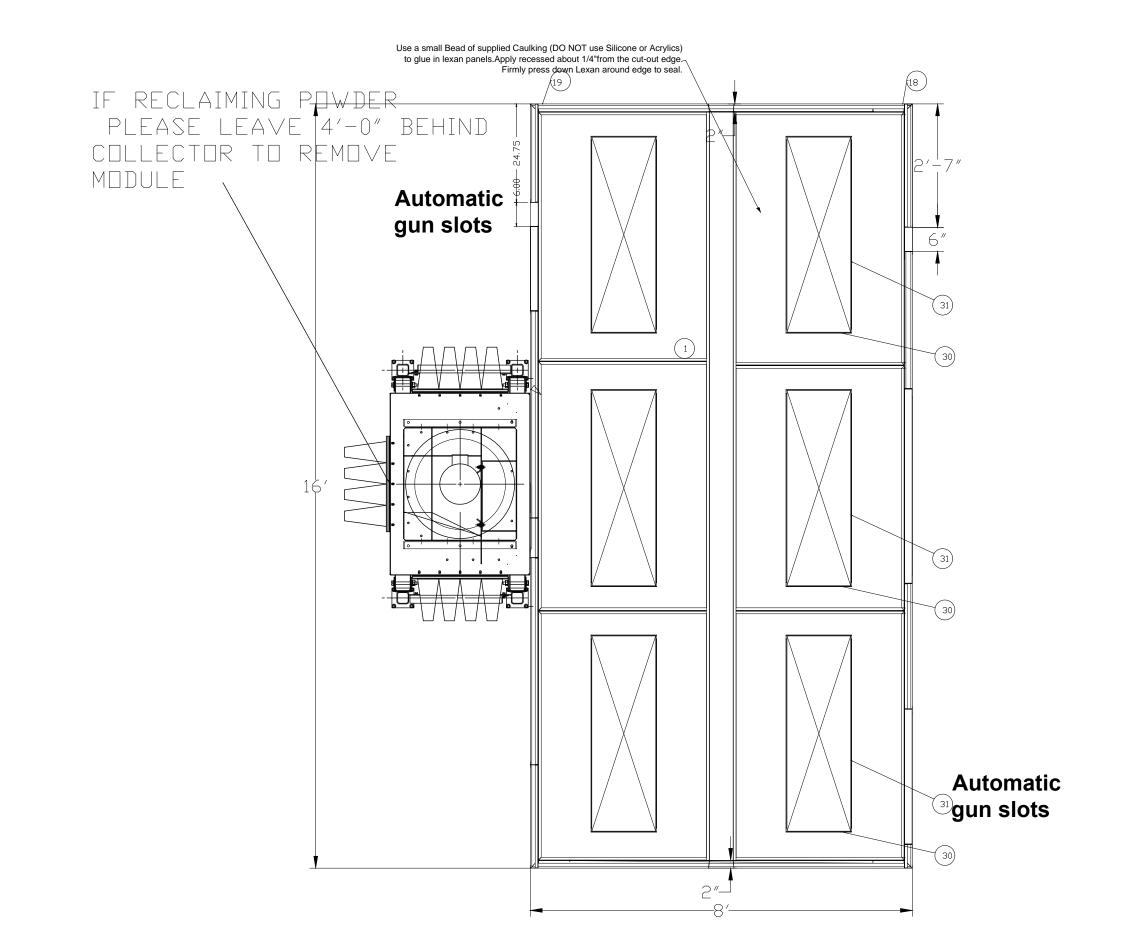
#### Powder Coating Supply

## (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.





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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COMBINATION POWDER BOOTH SYSTEM

FINISHING TECH

PCS-100412R1 AUG 24/22

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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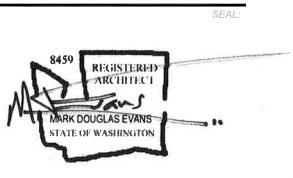
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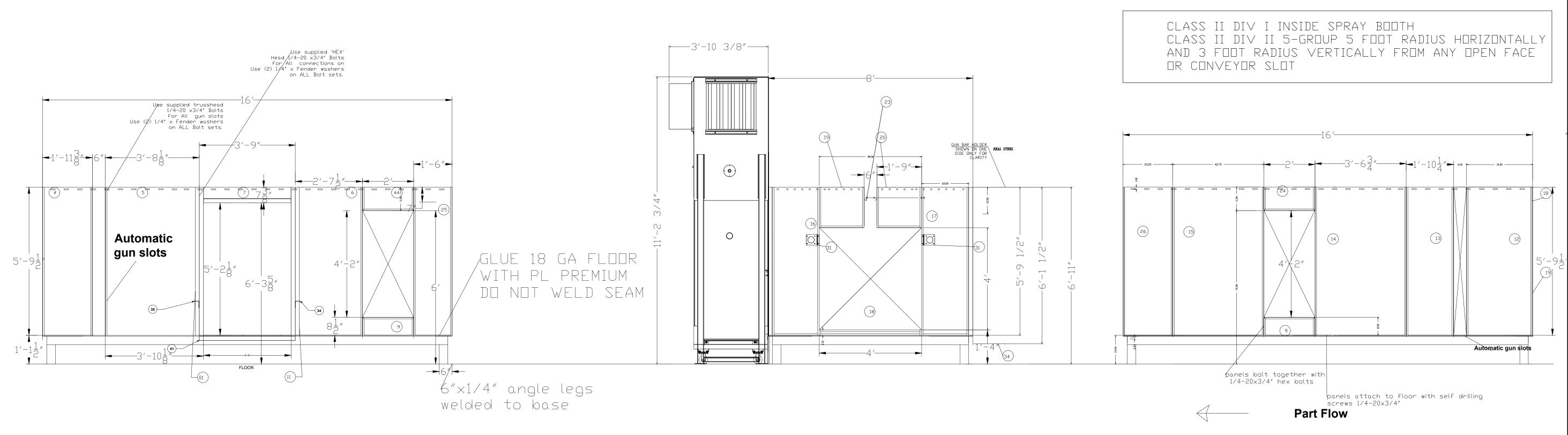
PUYALLUP, WA 98372 PERMIT SUBMITTAL 12/21/2022 PERMIT RESUBMITTAL 1 02/03/2023

City of Puyallup
Development & Permitting Services **ISSUED PERMIT** Planning Building Engineering Public Works Traffic

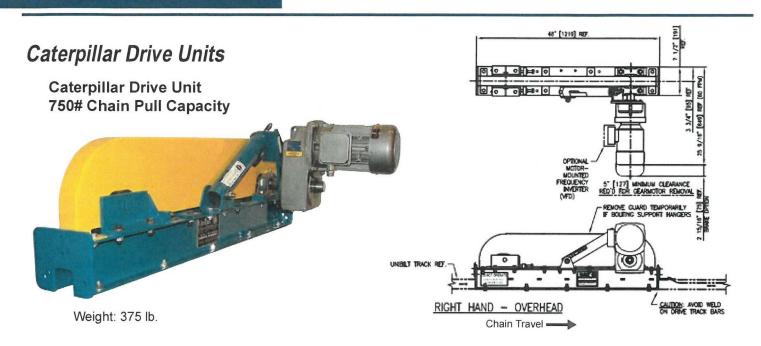


PAINT BOOTH 1 >SHOP DRAWINGS

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#### **Unibilt Conveyor Components**



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.

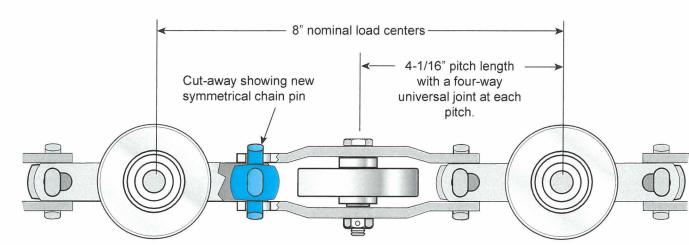
#### Many outstanding features make this drive unique in its class.

- 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
- 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) Maximum temperature: up to 120°F w/proper lubrication

Weight: 3.75 lb per foot

Unibilt Heavy-Duty Chain

up to 450°F w/proper lubrication

27826 (Steel)

Maximum temperature:

## Unibilt Enclosed Track

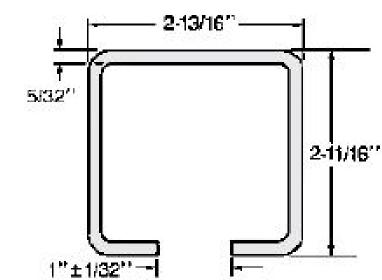
Enclosed Track ......10'0" Lg. 20200 Enclosed Track ......20'0" Lg. 16997 \* #304 Stainless Steel .......20'0" Lg. 16999



Weight: 4.8 lb per foot

The Unibilt Enclosed Track 20200 is a square tubular section formed of 5/32" high strength Webballoy If 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 environ-



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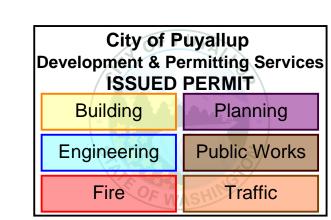
Suite 1300

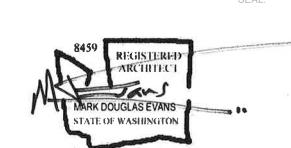
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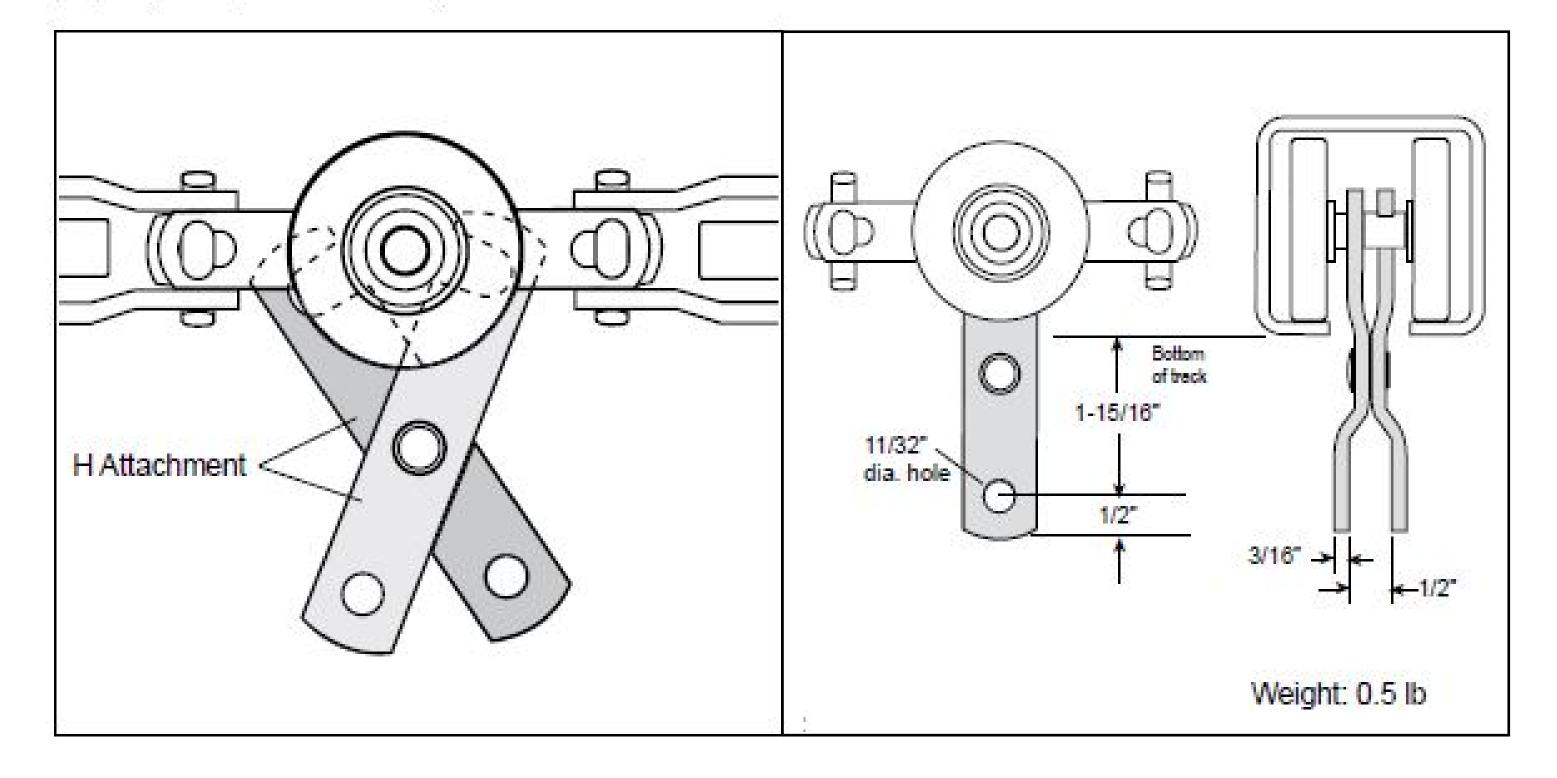
PAINT BOOTH CONVEYOR COMPONENT CUT-SHEETS **≻**& DETAILS

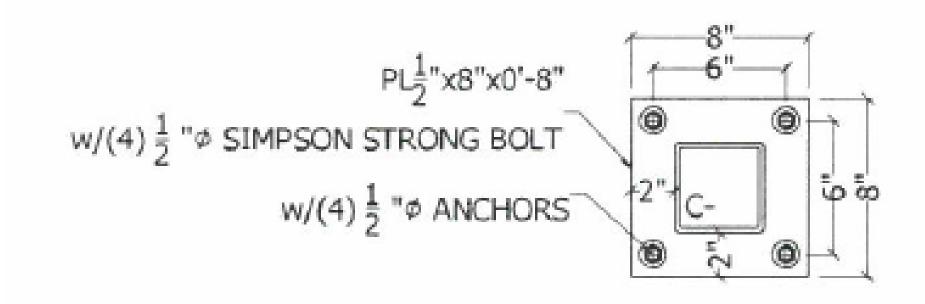
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A3.4

## Standard "H" Attachment 21298

(Capacity 125 lb, Max. 45° Incline)





CONVEYOR SUPPORT COLUMN BASE PLATE