

FLOOR PLAN

SCALE: 1/4" = 1'-0"

PROJECT NAME: 2866.300 Oxnard High School Mechatronics Facility
SHEET NUMBER: 1

1
A2.10

KEY NOTES

- NOTE: ALL ITEMS LISTED BELOW ARE NEW, UNLESS NOTED OTHERWISE AS (E), WHICH MEANS EXISTING.
- 1 (E) 5 x 5 TUBE STEEL COLUMN
 - 2 (E) SHEAR WALL. DO NOT CUT, PENETRATE OR DISTURB THIS WALL IN ANY WAY.
 - 3 GYPSUM BOARD WALL ABOVE (DOTTED)
 - 4 (E) TRENCH DRAIN
 - 5 (E) SLAB PENETRATION WITH STEEL PLATE COVER
 - 6 PATCH AND REPAIR (E) CONCRETE SLAB AS NECESSARY TO MATCH (E) ADJACENT CONDITIONS, AT FORMER LOCATION OF REMOVED VEHICLE LIFT. SEE DEMOLITION PLAN A2.00 FOR ADD. INFO.
 - 7 (E) SINK
 - 8 (E) WALL-MOUNTED ROOF ACCESS LADDER
 - 9 (E) AREA DRAIN
 - 10 NEW ROOF OVERHANG ABOVE (DOTTED)
 - 11 PIPE COLUMN
 - 12 2'-6" HIGH X 2'-0" DEEP X 3'-0" LONG COMPUTER WORKSTATION W/ KNEESPACE BELOW AND PLASTIC LAMINATE FINISH
 - 13 2'-10" HIGH X 2'-0" DEEP WORKBENCH W/ KNEESPACE BELOW AND GALVANIZED STEEL SHEET METAL CLAD TOP. SEE PLAN FOR LENGTH.
 - 14 (E) +10'-0" HIGH +/- CMU WALL
 - 15 2'-10" HIGH X 2'-0" DEEP COUNTER W/ KNEESPACE BELOW AND PLASTIC LAMINATE FINISH. SEE PLAN FOR LENGTH.
 - 16 (E) PLASTIC LAMINATE COUNTERTOP WITH CABINET BELOW
 - 17 (E) 7'-0" HIGH PLASTIC LAMINATE CABINETRY

EQUIPMENT LEGEND

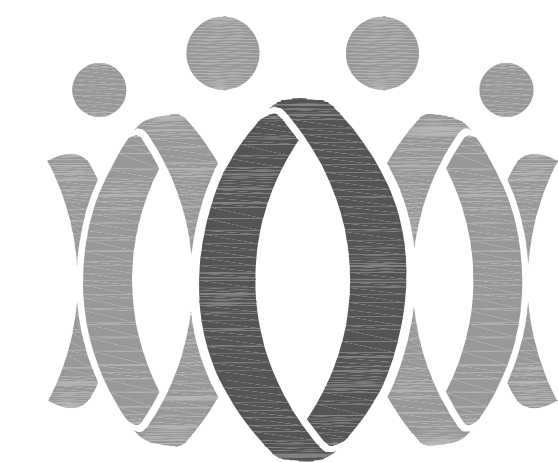
NOTE: UNLESS NOTED OTHERWISE IN THE COMMENTS COLUMN, ALL ITEMS LISTED BELOW ARE TO BE PROVIDED AND INSTALLED BY THE DISTRICT, AND ARE N.I.C. CONTRACTOR IS RESPONSIBLE FOR PROVIDING APPROPRIATE POWER FOR EACH OF THE LISTED ITEMS, AND ANY OTHER UTILITIES WHICH MAY BE NEEDED FOR THE PROPER OPERATION OF THE LISTED EQUIPMENT, WHETHER OR NOT SUCH UTILITY CONNECTIONS ARE SHOWN ON OTHER DRAWINGS IN THIS PROJECT.

NOTE: EQUIPMENT SHOWN ON THIS DRAWING IS INDICATED BY DASHED LINES FOR OWNER-FURNISHED AND INSTALLED, AND SOLID LINES FOR CONTRACTOR-FURNISHED AND INSTALLED, WITH AN ALPHA-NUMERIC SYMBOL IN THE CORNER OF EACH ITEM CORRESPONDING TO THE LEGEND BELOW.

SYMBOL	NAME	MFR.	MODEL	QTY.	WEIGHT (LBS.)	ANCHORAGE	COMMENTS
						BOLTING	
E1	5 AXIS CNC MILL	HAAS	UMC-750	1	14,250	●	
E2	CNC LATHE	HAAS	ST-10	1	7,900	●	
E3	FIBER LASER CUTTER	TRUMPF	TRU LASER 2030 FIBER	1	17,086	(6) - 5/8" DIA. A.B. W/ 3 1/2" MIN. EMBED.	
E4	COMPACT MACHINING CENTER	HAAS	SUPER MINIMILL2	1	5,100	●	
E5	MANUAL MILL WITH DRO	JET	JTM-4VS	1	2,420	(4) - 5/8" DIA. A.B. W/ 3 1/2" MIN. EMBED.	
E6	MANUAL LATHE	JET	BDB-1340A	1	1,175	●	
E7	4 X 4 ROUTER TABLE	JD SQUARED	PVD MP CNC	1	2,250	(4) - 1/2" DIA. A.B. W/ 3 1/2" MIN. EMBED.	
E8	4 X 4 PLASMA TABLE	JD SQUARED	MAD MP CNC	1	2,250	(4) - 1/2" DIA. A.B. W/ 3 1/2" MIN. EMBED.	
E9	PLATE ROLLER	BAILEIGH	PR-510	1	2,950	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E10	ENGLISH WHEEL	BAILEIGH	EW-40	1	510	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E11	HYDRAULIC SHEAR/IRONWORKER	BAILEIGH	SW-623	1	2,465	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	DISTRIBUTOR: GLOBAL INDUSTRIAL MIN. 6" SLAB
E12	TABLE SAW	SAWSTOP	ICS51230	1	720	●	
E13	HYDRAULIC BOX AND PAN FINGER BRIDGE	BAILEIGH	BB-4810H	1	3,850	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E14	UNIVERSAL BENDING MACHINE	SHOP OUTFITTERS	UF-25H	1	823	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E15	SEMI AUTO SWIVEL HORIZONTAL BANDSAW	BAILEIGH	BS-330SA	1	1,800	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E16	VARIABLE SPEED VERTICAL BANDSAW	BAILEIGH	BSV-18VC-220	1	866	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E17	PNEUMATIC POWER HAMMER	BAILEIGH	PH-28A	1	1,000	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 6" SLAB
E18	WELDER	MILLER	MULTIMATIC 220A	1	56	●	PORTABLE, ON CASTERS
E19	HEAVY DUTY METAL CUTTING SHEAR	BAILEIGH	SH-8008-HD	1	8,360	(4) - 1/2" DIA. A.B. W/ 3" MIN. EMBED.	MIN. 4" SLAB, BOLTS BY MFR.
E20	WELDING TABLE	CERTIFLAT	48 X 118 FABBLOCK	1	1,200	●	EQUIPMENT HAS LEVELLING LEGS (NO DIRECT ANCHOR. TO SLAB)
E21	70 W. LASER CUTTER	VOCCELL	DL570W	2	150	●	SITS ON COUNTERTOP
E22	100 W. LASER CUTTER	VOCCELL	PRO43	1	450	●	PORTABLE, ON CASTERS
E23	COORDINATE MEASURING MACHINE (CMM)	ZEISS	DURAMAX	1	1,135	●	VERIFY W/ MFR.
E24	BENCH VISE W/ ANVIL	GRIZZLY	G7060	3	-	●	VERIFY W/ MFR. SITS ON COUNTERTOP NO POWER REQ'D.
E25	VARIABLE SPEED BENCH GRINDER	DELTA	23-197	2	46	●	VERIFY W/ MFR. SITS ON COUNTERTOP
E26.1	CLOTHING PRINTING CENTER: PRINTER	DTG DIGITAL	M2 PRO	1	212	●	SITS ON COUNTERTOP
E26.2	CLOTHING PRINTING CENTER: HEAT PRESS	DTG DIGITAL	M2 PRO	2	103	●	SITS ON COUNTERTOP
E26.3	CLOTHING PRINTING CENTER: PRETREAT MACHINE	DTG DIGITAL	M2 PRO	1	70	●	SITS ON COUNTERTOP
E27	DEBINDING STATION	MARKFORGED	WASH-1	1	300	●	FLOOR MOUNT
E28	FURNACE (FOR METAL X)	MARKFORGED	SINTER-1	1	300	●	SITS ON COUNTERTOP
E29	3D METAL PRINTER	MARKFORGED	METAL X	1	165	●	SITS ON COUNTERTOP
E30	CONTINUOUS CARBON FIBER 3D PRINTER	MARKFORGED	MARK TWO	1	35	●	EXISTING DISTRICT EQUIPMENT
E31	COMMERCIAL 3D PRINTER	MARKFORGED	X7	1	106	●	SITS ON COUNTERTOP
E32	LARGE FORMAT 3D PRINTER	RAISE3D	PRO2 PLUS	4	114	●	SITS ON COUNTERTOP
E33	AIR COMPRESSOR	POWEREX	SCROLL AIR #SED208HP	1	840	●	CONTRACTOR FURNISHED & INSTALLED
E34	TANK RECEIVER	POWEREX	120 GAL.	1	240	●	CONTRACTOR FURNISHED & INSTALLED
E35	AIR DRYER	SPXFLOW	AD-1	1	101	●	CONTRACTOR FURNISHED & INSTALLED

AGENCY

PTN. APPL.



FLEWELLING & MOODY
architecture planning interiors

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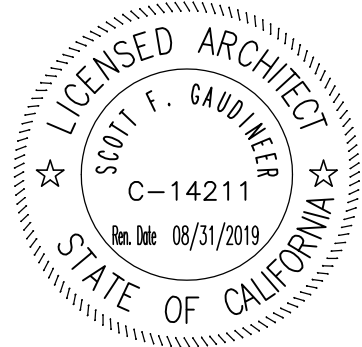
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Revisions

No.	Date	Description
1	00/00/00	XXXXX

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OXNARD UNION HIGH SCHOOL DISTRICT

OXNARD HIGH SCHOOL

MECHATRONICS FACILITY

3400 WEST GONZALES ROAD
OXNARD, CA 93036

FLOOR PLAN
EQUIPMENT LAYOUT
REFERENCE DRAWING

Job No.

2866.300

Date

00-00-2020

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