

CONTRACTOR SHALL VISIT SITE AND VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO SUBMITTING BID AND/OR COMMENCING WORK.

2. THE LATEST EDITION OF A.I.A. DOCUMENT A201 SHALL BE USED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LATEST EDITION AND BEING FAMILIAR W/ THE CONTENTS.

3. ALL WORK AND CONSTRUCTION METHODS SHALL COMPLY WITH REQUIREMENTS OF LOCAL, OSHA RULES AND REGULATIONS.

4. ALL SECURITY SYSTEMS TO COMPLY WITH LOCAL REGULATIONS.

5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS INDICATED ON EH DRAWINGS AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING / CONSTRUCTION.

6. CONTRACTOR SHALL DETERMINE, COORDINATE AND ACCOMMODATE ALL UTILITY SERVICE REQUIREMENTS (ELECTRICAL, GAS, TELEPHONE, WATER, SEWER, ETC.) FOR THE FACILITY PRIOR TO THE CONSTRUCTION OF REMODELING OF THE BUILDING OR SITE.

7. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION THE CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL ABOVE GROUND AND BELOW GROUND UTILITIES (PLUMBING, ELECTRICAL, TELEPHONE, CATV, GAS, ETC.) ANY DISCREPANCIES IN ASSUMED UTILITY LOCATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

8. ALL CONSTRUCTION AND DEMOLITION SHALL BE CONDUCTED IN A MANNER WHICH PROVIDES PROTECTION OF PEDESTRIANS, AND SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC.

9. CONTRACTOR SHALL REPLACE AND/ OR REPAIR ALL STRUCTURES, FINISHED, EQUIPMENT, PIPING, CONDUIT, WIRING, ETC. WHICH ARE DAMAGED OR ARE TO BE RELOCATED AND/ OR ALTERED TO MAKE WAY FOR NEW CONSTRUCTION.

10. ALL CONSTRUCTION METHODS AND WORK SCHEDULES MUST BE APPROVED BY THE OWNER AND SHALL BE ARRANGED TO FACILITATE MINIMAL INTERFERENCE WITH CUSTOMER CONVENIENCE AND THE OPERATION OF THE EXISTING FACILITY AND/ OR ADJOINING PROPERTIES/ TENANTS.

11. AT THE END OF EACH DAILY WORK PERIOD THE CONTRACTOR SHALL SECURE, PROTECT, BARRICADE AND BROOM CLEAN THE WORK AREA AND LEAVE UNUSED MATERIAL, STACKED OR STORED NEATLY. UPON COMPLETION OF WORK, CONTRACTOR SHALL REMOVE ALL DEBRIS, EQUIPMENT, ETC. GENERATED BY, OR NECESSARY FOR, CONSTRUCTION AND LEAVE THE PREMISES BROOM CLEAN. ALL DEBRIS SHALL BE REMOVED TO AN APPROVED DUMP SITE.

12. ALL DEMOLITION, NEW CONSTRUCTION, MODIFICATIONS, ELECTRICAL REQUIREMENTS AND CONNECTIONS, EQUIPMENT AND INSTALLATIONS SHALL BE COMPLETE WITH ALL NECESSARY APPURTENANCES AND OPERATING INSTRUCTIONS, READY FOR USE AND SATISFACTORY TO THE OWNER.

13. NO HAZARDOUS MATERIALS WILL BE STORED AND/ OR USED WITHIN THE BUILDING WHICH EXCEEDS THE QUANTITIES LISTED IN IBC.

14. ALL REFUSE IS TO PROPERLY DISPOSED OF AT SANITARY LANDFILL, CONTACT GOVERNING AUTHORITY FOR DUMPSTIE AND DUMPING INFORMATION.

15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL NOTES, DETAILS, PLANS, SPECIFICATIONS, AND ELEVATIONS. ANY DEVIATIONS AND CONSTRUCTION OPTIONS EXERCISED IN THE FIELD ARE SUBJECT TO NONCOMPLIANCE CORRECTIONS.

16. DISCREPANCIES AND/ OR OMISSIONS FROM THESE DRAWINGS THAT ARE DISCOVERED DURING CONSTRUCTION BY THE CONTRACTOR OR ANY QUESTION REGARDING MEANING OR INTENT SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THIS ARCHITECT FOR INTERPRETATION AND CLARIFICATION. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING DIMENSIONS AND TO NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS THIS MUST BE DONE PRIOR TO THE WORK.

17. NOTES AND DETAILS ON DRAWINGS GENERALLY TAKE PRECEDENCE OVER GENERAL NOTES. DETAIL CALL-OUTS APPLY TO ALL SIMILAR SITUATIONS WHETHER REFERENCED OR NOT. DIMENSIONS TAKE PRECEDENCE OVER SCALE (ALWAYS).

18. THE MOST RESTRICTIVE OR LARGER SIZE TAKES PRECEDENCE IN CASE OF A CONFLICT W/ CALL-OUTS OR DETAILS. GENERALLY, REFERENCE DETAILS DRAWN AT THE LARGER SCALE WILL TAKE PRECEDENCE OVER ANY CONFLICTS INDICATED ON THE SMALLER SCALE DRAWING.

19. IN NO CASE SHALL WORK OCCUR IF SPECIFICATIONS OR DETAILS KNOWINGLY VIOLATE LOCAL ORDINANCES OR CODE REGULATIONS. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY FOR COMPLIANCE RESOLUTION. ALL LABOR AND MATERIALS USED MUST EQUAL OR EXCEED APPLICABLE STATE OR LOCAL CODE REQUIREMENTS.

20. CONTRACTORS AND SUBCONTRACTORS SHALL BE REQUIRED TO TAKE PRECAUTIONS AND VERIFY THE FOLLOWING, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF PARTICULAR WORK.

- FAMILIARIZE THEMSELVES WITH LOCAL STANDARDS AND REGULATIONS, THESE CONSTRUCTION DOCUMENTS, AND THE CONSTRUCTION SITE.
- COMPLETE ALL WORK IN ACCEPTABLE INDUSTRY STANDARD CRAFTSMAN LIKE MANNER.
- COMPLETE THE WORK IN FULL ACCORD WITH ADOPTED CODES AND ORDINANCES.
- PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGE THROUGHOUT CONSTRUCTION.
- PROPERLY DISCONNECT EXISTING UTILITIES TO BE ABANDONED AND PLUS OR CAP AS REQUIRED BY CODE AND SOUND CONSTRUCTION PRACTICES.

21. CONTRACTOR(S) SHALL HOLD HARMLESS AND INDEMNIFY THE OWNER AND THE ARCHITECT FOR ANY AND ALL CLAIMS, LIABILITY, LOSS, DAMAGE, COSTS, EXPENSES INCLUDING ATTORNEY'S FEES, AND COSTS OF INVESTIGATION AND LITIGATION, AWARDS AND FINES, OR JUDGMENTS IMPOSED BY LAW OR ARISING BY REASON OF THE DEATH OF BODILY INJURY TO PERSONS INCLUDING EMPLOYEES OF THE CONTRACTOR, INJURY TO THE PROPERTY, EQUIPMENT, AND MATERIAL RESULTING FROM VIOLATIONS OF GOVERNMENT REQUIREMENTS OR CARELESSNESS IN IMPLEMENTING THE CONSTRUCTION INTENT EXPRESSED IN THE WORKING DRAWINGS, SPECIFICATIONS, AND CONTRACT DOCUMENTS.

22. CONTRACTOR(S) SHALL BE HELD RESPONSIBLE FOR ANY AND ALL EXPENSES INCURRED IN CONJUNCTION WITH TEARING OUT AND REPAIRING THE WORK OF ANY CONTRACTOR OR WORKMAN ON THE PROJECT AS A RESULT OF DEFECTIVE LABOR OR MATERIAL PERFORMED OR SUPPLIED BY THE CONTRACTOR.

23. GENERAL CONTRACTOR SHALL PROVIDE ALL BLOCKING AS REQUIRED BY UTILITIES. SIGNS EQUIPMENT, ETC. PAINT ALL ADJACENT SURFACES OR BACKGROUND GRILLES, DIFFUSERS, METAL TRIM, ACCESSORIES, ETC. THERE SHALL BE NO EXPOSED CONDUIT, DUCTS, VENTS, ETC. IN PUBLIC AREAS.

24. ALL EXTRAS AND/ OR CHANGE ORDERS SHALL BE APPROVED IN WRITING BY THE ARCHITECT, OWNER AND THE GENERAL CONTRACTOR PRIOR TO PURCHASE AND/ OR INSTALLATION OF SAID WORK.

NOTE:
CONTRACTOR BY MAKING HIS BID REPRESENTS THAT HE HAS CAREFULLY EXAMINED AND UNDERSTANDS THE BIDDING DOCUMENTS, THAT HE HAS VISITED THE SITE AND FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS AND LIMITATIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND THAT HE HAS INCLUDED A SUM IN THIS BID TO COVER THE COST OF ALL ITEMS INCLUDED IN THE BIDDING DOCUMENTS.

A. SIGNAGE (IF USED) REQUIRES A SEPARATE PERMIT.

B. ALL ROOF TOP MECHANICAL EQUIPMENT SHALL BE COMPLETELY SCREENED FROM VIEW BY PARAPETS (BELOW ROOF LINE).

C. ALL WORK (IMPROVEMENTS) SHALL COMPLY WITH ALL ENTITIES HAVING JURISDICTION WITH RESPECT TO WORK OR IMPROVEMENTS FOR THIS PROJECT.

D. ALL GLAZING SHALL HAVE A TEMPORARY LABEL ON THE PRODUCT UNTIL THE FIELD INSPECTOR HAS INSPECTED IT.

E. ALL PRODUCTS LISTED BY I.C.C. / N.E.R. NUMBERS SHALL BE INSTALLED PER THE REPORT AND MANUFACTURERS WRITTEN INSTRUCTIONS. PRODUCT SUBSTITUTIONS FOR PRODUCTS LISTED SHALL ALSO HAVE I.C.C. APPROVED EVALUATION REPORTS OR BE APPROVED AND LISTED BY OTHER NATIONALLY RECOGNIZED TESTING AGENCIES.

F. ALL LOCAL ORDINANCES AND RELEVANT CODES MUST BE ADHERED TO WHETHER OR NOT SPECIFICALLY REFERENCED.

G. SHOP DRAWINGS ARE NECESSARY FOR CERTAIN ASPECTS OF THE WORK. THIS INCLUDES TRUSSES, GLU LAMINATED BEAMS, STEEL COLUMNS, BEAMS, MILLWORK, FINISHES AND ETC... THE ARCHITECT SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO FABRICATION.

H. CONSTRUCTION COMPLIANCE REQUIRES USING WORKING DRAWINGS STAMPED AND APPROVED BY THE LOCAL GOVERNING AUTHORITY. VERIFY THE CURRENT REVISION DATE WITH THE ARCHITECT PRIOR TO THE COMMENCEMENT OF THE WORK. ONLY THE LATEST PLAN REVISION DATE ON THE WORKING DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE WORK.

I. VERIFY REQUIRED INSPECTIONS FROM THE LOCAL GOVERNING AUTHORITY.

J. EXIT DOORS SHALL BE OPEN ABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

K. EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR WHEN SERVING AN OCCUPANCY LOAD OF 50 OR MORE.

L. WIDTH AND HEIGHT OF REQUIRED EXIT DOORWAYS TO COMPLY WITH A.D.A. AND OTHER ACCESS CODES.

M. EXITS SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED, WITH LIGHT HAVING AN INTENSITY OF NO LESS THAN ONE FOOT-CANDLE AT FLOOR LEVEL.

N. PROVIDE EXIT SIGNS, SEE FLOOR PLAN.

O. INTERIOR FINISH SHALL BE PROVIDED AS FOLLOWS: CLASS A-VERTICAL ENCLOSURES, CLASS B-CORRIDOR, CLASS C-ROOMS.

P. ALL HANGINGS, CURTAINS, DROPS AND ALL OTHER DECORATIVE MATERIAL TO COMPLY WITH GOVERNING FIRE CODE.

Q. COMPLY WITH POSTING OF ROOM CAPACITY, TO COMPLY WITH GOVERNING FIRE CODE (SIGN TO BE POSTED ON WALL).

R. EXTINGUISHER LOCATIONS AND RATINGS TO BE DETERMINED BY THE FIRE INSPECTOR. FIRE EXTINGUISHER REQUIREMENTS SHALL BE DETERMINED BY FIELD INSPECTION, AND GOVERNING FIRE CODE.

S. THE MAXIMUM EFFORT TO OPERATE AN INTERIOR DOOR IS 5 LBS., 8 LBS. FOR EXTERIOR DOORS AND 15 LBS. FOR FIRE EXIT DOORS.

T. PROVIDE 44" MINIMUM AISLE TO REQUIRED EXITS IN AREAS CONTAINING PORTABLE FURNISHINGS.

U. SMOKE/FIRE SPREAD FOR INTERIOR WALL AND CEILING MUST COMPLY WITH ASTM E84 AND IBC 803.1M; GROUP REQUIRE S.C. FINISH REQUIREMENTS; FLAME SPREAD = 76-200; SMOKE DEVELOPED 0.450.

V. PROVIDE SUITE NUMBERS AT FRONT AND REAR ENTRY / EXIT DOORS TO SUITE. 4" HIGH CONTRASTING LETTERS.

DEFERRED SUBMITTALS:

- FIRE PROTECTION
- FIRE ALARM

108.3.4.2 DEFERRED SUBMITTALS, FOR THE PURPOSES OF THIS SECTION, DEFERRED SUBMITTALS ARE DEFINED AS THOSE PORTIONS OF THE DESIGN WHICH ARE NOT SUBMITTED AT THE TIME OF THE APPLICATION AND WHICH ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL WITHIN A SPECIFIED PERIOD.

DEFERRAL OF ANY SUBMITTAL ITEMS SHALL HAVE PRIOR APPROVAL OF THE BUILDING OFFICIAL. THE ARCHITECT OR ENGINEER OF RECORDS SHALL LIST THE DEFERRED SUBMITTALS ON THE PLANS AND SHALL SUBMIT THE DEFERRED SUBMITTALS DOCUMENTS FOR REVIEW BY THE BUILDING OFFICIAL.

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORDS AND SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THEY DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN RE-REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN A GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

FIRE PROTECTION (SEPARATE PERMIT):

GENERAL CONTRACTOR IS RESPONSIBLE TO MODIFY EXISTING AUTOMATIC FIRE EXTINGUISHING SYSTEM THROUGHOUT, INCLUDING CONCEALED SPACES. GENERAL CONTRACTOR IS RESPONSIBLE FOR PREPARING PLANS, CITY SUBMITTALS, APPROVALS AND INSPECTIONS UNDER SEPARATE PERMIT.

SPECIAL INSPECTIONS:

PER 2018 I.B.C. CHAPTER 17 THE FOLLOWING OPERATIONS SHALL REQUIRE SPECIAL INSPECTION:

1. CONCRETE CONSTRUCTION & MASONRY CONSTRUCTION
2. POST-INSTALLED ANCHORS

SEE STRUCTURAL & MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING SPECIAL INSPECTIONS.

BUILDING OWNER:	ARCHITECT:
CONTACT: DAVID DULLUM	CONTACT: JAKE BODELL
PHONE NUMBER: (480) 731-5050	PHONE NUMBER: (480) 362-136
EMAIL: DDULLUM@MWFGROUP.COM	EMAIL: JBODELL@FFKR.COM
COMPANY:	COMPANY:
ADDRESS: MW ENGINEERING, LLC	ADDRESS: FFKR ARCHITECTS
2001 W. ALAMEDA DR. STE 102	58 S. RIVER DR. STE 380
TEMPE, AZ 85282	TEMPE, AZ 85282
CONSTRUCTION MANAGER:	CONTRACTOR:
CONTACT: DAVID DULLUM	CONTACT: JAKE BODELL
PHONE NUMBER: (480) 731-5050	PHONE NUMBER: (480) 362-136
EMAIL: DDULLUM@TRIAINDUSTRIES.COM	EMAIL: JBODELL@FFKR.COM
COMPANY:	COMPANY:
ADDRESS: TRIAX INDUSTRIES, LLC	ADDRESS: FFKR ARCHITECTS
6519 W. ALLISON DR.	58 S. RIVER DR. STE 380
CHANDLER, AZ 85226	TEMPE, AZ 85282
STRUCTURAL ENGINEER:	MECH. & PLUMBING ENGINEER:
CONTACT: JONATHAN BRUSNAHAN	CONTACT: MIK MIKULICH
PHONE NUMBER: (480) 274 - 5493	PHONE NUMBER: (602) 899-2511
EMAIL: JBRUSNAHAN@KINGDOMSTRUCTURAL.COM	EMAIL: MIK@CMMEP.COM
COMPANY:	COMPANY:
ADDRESS: KINGDOM STRUCTURAL	ADDRESS: CM ASSOCIATES ENGINEERS, PLLC
1910 S STAPLEY DR. #221	706 E BELL RD STE 21
MESA, AZ 85204	PHOENIX, AZ 85022
ELECTRICAL ENGINEER:	
CONTACT: DAVID WATSON	
PHONE NUMBER: (480) 731-5050	
EMAIL: DAW@MWFGROUP.COM	
COMPANY:	
ADDRESS: MW ENGINEERING, LLC	
2001 W. ALAMEDA DR. STE 102	
TEMPE, AZ 85282	

BUILDING #1:
MODIFICATIONS TO AN EXISTING INDUSTRIAL FACILITY TO FACILITATE AN EXPANSION OF APPROXIMATELY $\pm 14,200$ SQUARE FEET OF MANUFACTURING SPACE. THE PROJECT ALSO INCLUDES THE INSTALLATION OF A $\pm 1,200$ -SQUARE-FOOT MEZZANINE LEVEL DESIGNATED FOR OFFICE USE.

BUILDING #2:
ALTERATIONS TO AN EXISTING INDUSTRIAL BUILDING TO EXPAND APPROXIMATELY $\pm 2,400$ SQUARE FEET OF EMPLOYEE AMENITIES, INCLUDING MALE AND FEMALE RESTROOMS AND A LARGE LUNCHROOM.

SITE DATA:

SITE ADDRESS:	
BUILDING #1:	6519 W. ALLISON RD.
BUILDING #2:	6525 W. ALLISON RD.
SUBDIVISION:	LONE BUTTE INDUSTRIAL PARK
ZONING:	I-2
BUILDING SETBACKS:	FRONT: 35'-0" SIDE: 35'-0" SIDE: 25'-0" REAR: 35'-0"
LOT AREA:	GROSS: 307,272 S.F. (7.05 ACRES) NET: 276,780 S.F. (6.35 ACRES)
CONSTRUCTION TYPE:	II-B (SPRINKLERED, NFPA 13)
OCCUPANCY:	B' - BUSINESS F'-1 - MODERATE FACTORY
MAX ALLOWABLE BLDG AREA:	62,000 S.F. - SINGLE STORY, SPRINKLED
MAX ALLOWABLE BLDG HEIGHT:	75'-0"

BUILDING #1:	
EXIST. BLDG S.F.:	28,405 S.F.
EXIST. MEZZ S.F.:	2,195 S.F.
TOTAL EXIST. S.F.:	30,600 S.F.
BLDG EXPANDED S.F.:	14,156 S.F.
MEZZ EXPANDED S.F.:	1,164 S.F.
TOTAL EXPANDED S.F.:	15,312 S.F.
TOTAL OVERALL S.F.:	45,912 S.F. < 62,000 MAX ALLOWABLE S.F.
BUILDING HEIGHT:	34'-0" (PROPOSED NEW HEIGHT) < 75'-0" MAX ALLOWABLE HEIGHT
BUILDING #2:	
EXIST. S.F.:	37,448 S.F.
EXPANDED S.F.	2,359 S.F.
TOTAL S.F.:	39,807 S.F. < 62,000 MAX ALLOWABLE S.F.
BUILDING HEIGHT:	±20'-4" (EXISTING HEIGHT) < 75'-0" MAX ALLOWABLE HEIGHT
EXISTING PARKING SPACES:	31 SPACES / (1) ADA COMPLIANT SPACE
TOTAL NEW SPACES:	166 SPACES

ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES AND AMENDMENTS PER THE <u>GILA RIVER INDIAN COMMUNITY</u> ADOPTED ORDINANCES.	
2018	INTERNATIONAL BUILDING CODE
2018	INTERNATIONAL MECHANICAL CODE
2018	INTERNATIONAL PLUMBING CODE
2018	INTERNATIONAL ENERGY CONSERVATION CODE
2018	INTERNATIONAL FUEL GAS CODE
2018	INTERNATIONAL EXISTING BUILDING CODE
2012	GILA RIVER INDIAN COMMUNITY FIRE CODE
2017	NATIONAL ELECTRICAL CODE
2010	ADA STANDARDS FOR ACCESSIBLE DESIGN / ASME

ALL PRODUCTS LISTED BY THE I.C.C. NUMBERS SHALL BE INSTALLED PER THE REPORT AND MANUFACTURERS WRITTEN INSTRUCTIONS.

ALL PRODUCTS LISTED BY THE I.C.C. NUMBERS SHALL BE INSTALLED PER THE REPORT AND MANUFACTURERS WRITTEN INSTRUCTIONS.



CW CONSTRUCTION

TRIAX
INDUSTRIES, LLC

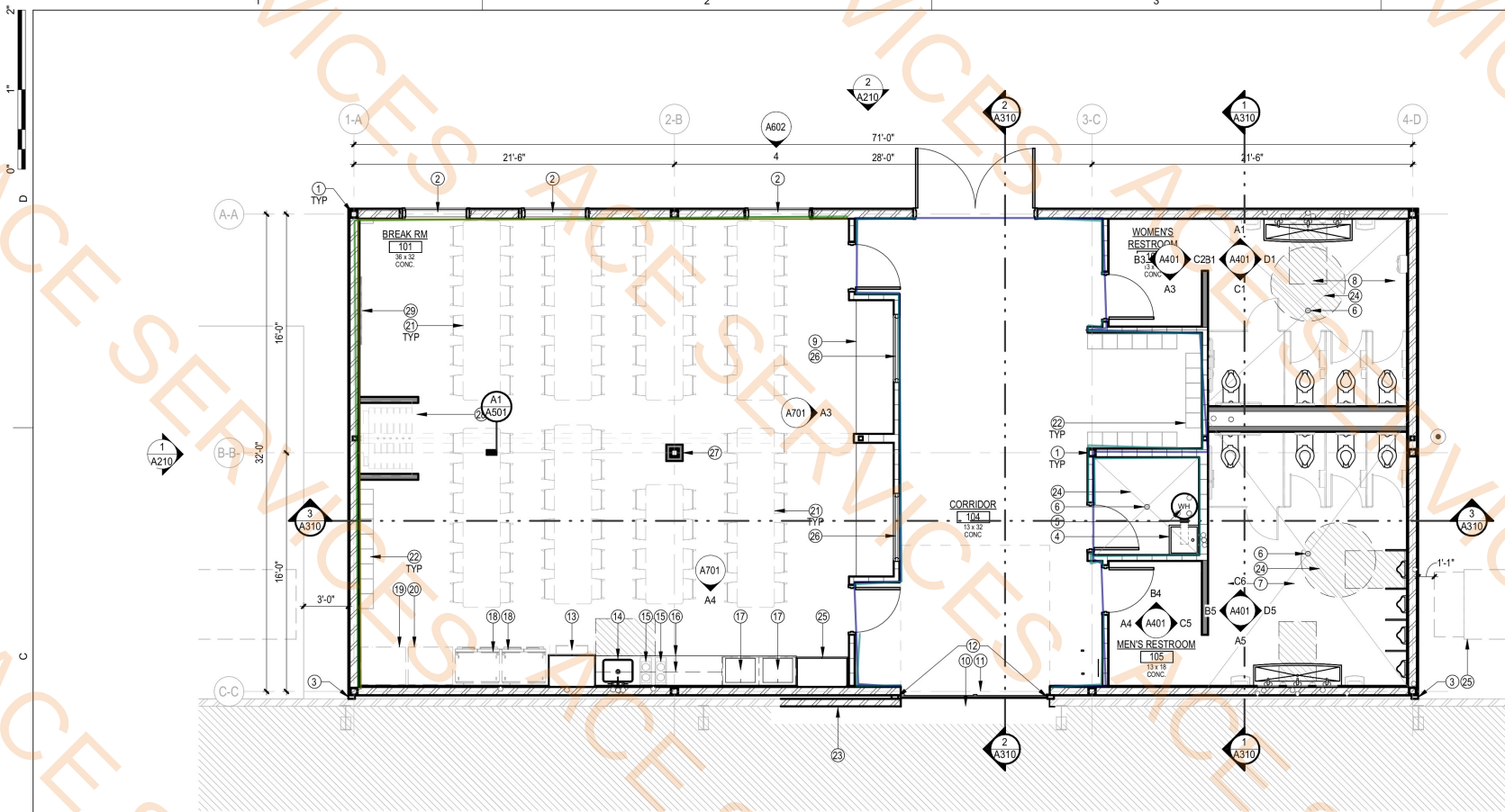
TRIAX INDUSTRIES EXPANSION
 LONE BUTTE INDUSTRIAL PARK
 6519 WEST ALLISON ROAD
 CHANDLER, ARIZONA 85226
 480.451.2000

DATE	REVISION

PROJECT NUMBER 25039

COVER SHEET

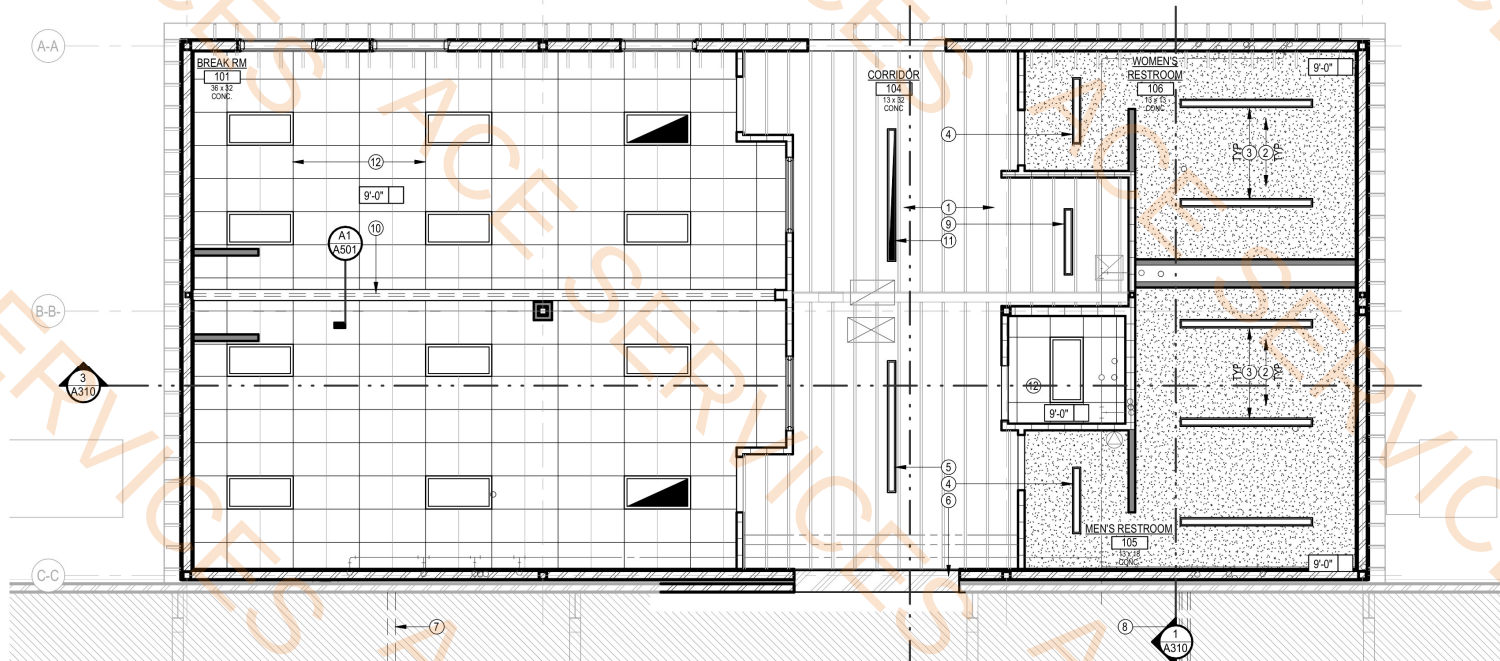
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1 BLDG #2 - FLOOR PLAN
SCALE: 3/16" = 1'-0"

- PT At wall 9Ft Height
- 12' Ht Wall PT
- Rubber Wall Base
- Rubber Wall Base

64.4 FT
108.6 FT
64.4 FT
109.1 FT



2 BLDG #2 - REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

FLP - KEYNOTES

- 6x6 STRUCTURAL TUBE STEEL COLUMN
- 5'-0" H x 4'-6" W. EXTERIOR STOREFRONT GLAZING
- BUILDING EXPANSION JOINT, NYSTROM E.JN-ESU (OR SIMILAR)
- 2'-0" x 2'-0" SERVICE SINK
- WATER HEATER
- FLOOR DRAIN
- MEN'S RESTROOM INCLUDES BUT NOT LIMITED TO FLOOR MOUNTED FLUSH VALVE WATER CLOSET WITH FULL HEIGHT TOILET PARTITIONS AND AN ADA COMPLIANT STALL WITH COMPLIANT ACCESSORIES, WALL MOUNTED URINALS WITH FULL HEIGHT PARTITIONS AND A TROUGH STYLE LAVATORY SINK WITH SOAP DISPENSERS, MIRROR AND PAPER TOWEL DISPENSERS
- WOMEN'S RESTROOM INCLUDES BUT NOT LIMITED TO FLOOR MOUNTED FLUSH VALVE WATER CLOSET WITH FULL HEIGHT TOILET PARTITIONS AND AN ADA COMPLIANT STALL WITH COMPLIANT ACCESSORIES, AND TROUGH STYLE LAVATORY SINK WITH SOAP DISPENSERS, MIRROR, PAPER TOWEL DISPENSERS AND A NAPKIN-TAMPON DISPENSER
- 30" DEEP PLAIN BASE CABINETS AND COUNTERTOP AT 2'-10"
- REPLACE EXISTING ROLL-UP DOOR WITH NEW OVERHEAD DOOR MODEL 620
- EXTEND CONCRETE SLAB AS REQUIRED AND TIE INTO EXISTING SLAB
- INTERIOR ALUMINUM PLATE BUILDING EXPANSION JOINT, NYSTROM WJ (OR SIMILAR)
- ICE MAKER (N.I.C.) RECESSED INTO FULL HEIGHT PLASTIC LAMINATE CABINET - G.C. TO PROVIDE AND INSTALL COLD WATER LINE AND REQUIRED FLOOR SINK WITH GRATE
- STAINLESS STEEL SINK
- (2) COFFEE MAKERS (N.I.C.) - G.C. TO PROVIDE AND INSTALL 1/4" COLD WATER LINE
- PLASTIC LAMINATE COUNTERTOP WITH PLASTIC LAMINATE BASE AND OVERHEAD CABINETS
- (4-TOTAL) MICROWAVES (N.I.C.) RECESSED ON STACKED SHELVES IN FULL HEIGHT PLASTIC LAMINATE CABINET
- (2) REFRIGERATORS (N.I.C.) - G.C. TO PROVIDE AND INSTALL 1/4" COLD WATER LINE
- SNACK VENDING MACHINE (N.I.C.)
- BEVERAGE VENDING MACHINE (N.I.C.)
- FURNITURE (N.I.C.)
- EMPLOYEES STORAGE LOCKERS (N.I.C.)
- INFILL EXTERIOR METAL BUILDING WALL SYSTEM AS REQUIRED DUE TO REMOVAL OF OVERHEAD DOOR SYSTEM, MATCH ADJACENT FRAMING AND FINISH AS REQUIRED
- SLOPE SLAB AS REQUIRED
- FULL HEIGHT STORAGE CABINET - PLASTIC LAMINATE - WILSONART CALCUTTA MARBLE 4925 OR SIMILAR
- INTERIOR WINDOW - SEE WINDOW SCHEDULE
- STRUCTURAL COLUMN WITH FURRING, 5/8" GYPSUM BOARD OVER 1 1/2" METAL STUDS TO 6" ABOVE CEILING SYSTEM
- MODERN FOLD MOVABLE PARTITION WITH OVERHEAD TRACK, OR EQUAL
- WALL MOUNTED T.V. - PROVIDE BACKING AS REQUIRED

R.C.P. - KEYNOTES

- AREA EXPOSED TO STRUCTURE ABOVE - PROVIDE AND INSTALL R-30 SOUND BATT INSULATION WITH VINYL FACE MECHANICAL ATTACHED TO STRUCTURE
- SUSPENDED HARD LID GYPSUM BOARD CEILING SYSTEM WITH 5/8" TYPE 'X' GYPSUM BOARD OVER SUSPENDED T-BAR SYSTEM
- 4"W x 8'-0" RECESSED LED LIGHT FIXTURE, ALW LIGHTPLANE+4 | LPX4R (OR SIMILAR)
- 4"W x 4'-0" RECESSED LED LIGHT FIXTURE, ALW LIGHTPLANE+4 | LPX4R (OR SIMILAR)
- 4"W x 8'-0" SUSPENDED LED LIGHT FIXTURE, ALW LIGHTING PLANE +4 | LPX4 (OR SIMILAR)
- INTERIOR ALUMINUM PLATE BUILDING EXPANSION JOINT AT HEADER, NYSTROM WJ (OR SIMILAR)
- EXISTING EQUIPMENT VENT TO BE REMOVED AND RE-ROUTED, COORDINATE EXACT LOCATION WITH OWNER
- EXISTING EQUIPMENT SUPPLY LINE TO BE REMOVED AND RE-ROUTED, COORDINATE EXACT LOCATION WITH OWNER
- 4"W x 4'-0" SUSPENDED LED LIGHT FIXTURE, ALW LIGHTING PLANE +4 | LPX4 (OR SIMILAR)
- MODERNFOLD (SIMILAR) OPERABLE PARTITION OVERHEAD TRACK
- 4"W x 8'-0" SUSPENDED LED EMERGENCY EGRESS LIGHT FIXTURE, ALW LIGHTING PLANE +4 | LPX4 (OR SIMILAR) WITH BATTERY BACKUP
- CENTER CEILING SYSTEM WITHIN ROOM

FLP - GENERAL NOTES

- ANGLES ARE 45 DEGREES AND 90 DEGREES - UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS ARE FROM DATUM ELEVATION OF -0'.
- ALL EQUIPMENT, FURNITURE & MILLWORK MUST MEET ALL CLEARANCES & REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER.
- PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT A DOOR THRESHOLD. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2.
- CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID & AGAIN PRIOR TO ELECTRICAL ROUGH IN.
- GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE ANY AND ALL EQUIPMENT SECTION.
- ALL CONDENSATE LINES OR CONDUIT IS TO BE CONCEALED WITHIN WALL CAVITIES - NO EXPOSED PIPES OR CONDUIT WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE OWNER.
- ALL WALLS ARE TO BE METAL CONSTRUCTION UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF SLAB AND INSIDE FACE OF STUD PLATE.
- CONTRACTOR TO COORDINATE WITH OWNER FOR ALL LOW VOLTAGE SYSTEMS AND REQUIRED CONDUIT PLACEMENT PRIOR TO POURING CONCRETE.
- COLUMNS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY - SEE STRUCTURAL DRAWINGS FOR ALL COLUMN LOCATIONS, TYPE AND SIZE.
- ALL NEW DOORS SHALL HAVE A.D.A. COMPLIANT HARDWARE.
- ALL FINISHES SHALL COMPLY WITH I.B.C. CHAPTER 8 AND HAVE A MINIMUM CLASS 'C' RATING.
- PATCH, REPAIR, AND CLEAN CONCRETE FLOOR; REMOVE ALL RESIDUE - PREPARE FOR NEW FINISHES.
- ALL WALLS SHALL BE FINISHED LEVEL 4 SMOOTH AND PAINTED.
- PROVIDE AND INSTALL ALL FINISHES INCLUDING BUT NOT LIMITED TO: PAINT, CARPET, VINYL COMPOSITE TILE, BASE, PAINT, ETC.
 - A. CPT = CARPET
 - B. LVT = LUXURY VINYL TILE
 - C. CONC. = SEALED CONCRETE
- EXPOSED CONCRETE AREAS SHALL BE CLEANED UPON COMPLETION OF CONSTRUCTION
- PROVIDE AND INSTALL MECO SHADES AT ALL EXTERIOR WINDOWS.
- PER I.B.C. 2509: PROVIDE AND INSTALL WATER RESISTANT GYPSUM BOARD AT ALL WET AREAS.
- ALL LIGHT SWITCHES ARE TO BE MOTION SENSOR TYPE - SEE ELECTRICAL DRAWINGS
- OWNER IS RESPONSIBLE TO PREPARE PLANS, SUBMIT AND OBTAIN ALL REQUIRED CITY PERMITS AND APPROVALS FOR ANY HIGH PILE STORAGE.

R.C.P. - GENERAL NOTES

- ALL CEILING HEIGHTS ARE MINIMUM CLEAR AND MUST BE MAINTAINED. IF ABLE TO RAISE DRYWALL CEILING NOTIFY ARCHITECT AND OWNER PRIOR TO CONSTRUCTION OF DROPPED CEILING.
- SUSPENDED CEILING SHALL MEET CRITERIA PER APPLICABLE CODES AND HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) OF 0.75.
- WHEN INSTALLING CEILING MOUNTED EXIT SIGNAGE - GENERAL CONTRACTOR TO VERIFY LINE OF SIGHT IS MAINTAINED AND NOT OBSCURED BY FURRED CEILING FIXTURES - NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
- GENERAL CONTRACTOR TO OVERSEE COORDINATION OF ALL TRADES TO VERIFY EXACT LOCATION OF DUCTS, CONDUITS, LIGHTS REGISTERS, EQUIPMENT TRAYS, PLUMBING, WASTE, AND FIRE SPRINKLER LINES. NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS.
- USE DENS-SHIELD (OR APPROVED EQUAL) AT ALL WET LOCATIONS OR WHERE MOISTURE RESISTANT GYP. BD. IS SPECIFIED.
- PROVIDE ACCESS PANELS AT LOCATIONS REQUIRING ACCESS. COORDINATE LOCATION WITH ARCHITECT.
- ALL LIGHTS TO ACTIVATE TO FULL BRIGHT THROUGHOUT THE DIMMING PANEL DURING EMERGENCY ALARM ACTIVATION.
- STRUCTURAL COLUMNS AND MECHANICAL ELEMENTS ARE SHOWN FOR GENERAL REFERENCE - PLEASE SEE APPROPRIATE ENGINEERS DRAWINGS.
- THE REFLECTED CEILING PLAN IS A GENERAL REFERENCE DOCUMENT - SEE ELECTRICAL & MECHANICAL DRAWINGS FOR QUANTITY TAKE OFF EQUIPMENT SIZES AND MOUNTING DETAILS.
- ANGLES ARE 45 DEGREES AND 90 DEGREES UNLESS NOTED OTHERWISE.
- CENTER ALL NEW SPRINKLER HEADS WITHIN THE 2'-0" x 2'-0" AREA OF THE ACOUSTICAL CEILING TILE SYSTEM
- ALL SPRINKLER HEADS IN GYPSUM BOARD CEILING TO BE FULLY RECESSED WITH FACTOR WHITE COVER.
- ALL NEW ROOF PENETRATIONS MUST BE EQUIPPED WITH A CURB, CANT AND CRICKET SO THAT WATER WILL RUN AWAY FROM OPENING

FLP - LEGEND

- EXTERIOR DOUBLE DOOR, FRAME AND HARDWARE SYSTEM WITH EMERGENCY PUSH BAR
- INTERIOR SINGLE DOOR, FRAME AND HARDWARE SYSTEM
- EXTERIOR STEEL FRAMED SHEAR WALL: PAINTED CORRUGATED METAL SIDING OVER 8" METAL STUDS AT 16" O.C. AND DIAGONAL CROSS BRACING, R-19 RIGID INSULATION AND 5/8" TYPE 'X' GYPSUM BOARD
- INTERIOR FULL HEIGHT PARTITION: 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OVER 3 5/8" OR 6" METAL STUDS AT 16" O.C. WITH R-19 BATT INSULATION FULL HEIGHT TO UNDERSIDE OF DECK
- INTERIOR PLUMBING PARTITION: 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OVER DOUBLE 3 5/8" METAL STUDS AT 16" O.C. WITH A 6" GAP AND R-19 BATT INSULATION FULL HEIGHT TO UNDERSIDE OF DECK
- INTERIOR PARTITION: 5/8" TYPE BOARD EACH SIDE OVER 3 5/8" METAL STUDS AT 16" O.C. WITH R-11 BATT INSULATION TO UNDERSIDE OF CEILING SYSTEM

RCP - LEGEND

- 2'-0" x 4'-0" SUSPENDED ACOUSTICAL CEILING TILE WITH 2ND LOOK AND T-BAR GRID SYSTEM
- WASHABLE 2'-0" x 4'-0" SUSPENDED ACOUSTICAL CEILING TILE AND T-BAR GRID SYSTEM
- 2'-0" x 4'-0" RECESSED LED LIGHT FIXTURE
- 2'-0" x 4'-0" RECESSED LED EMERGENCY EGRESS LIGHT FIXTURE WITH BATTERY BACKUP

BLDG #2 KEYMAP



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LONE BUTTE INDUSTRIAL PARK

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CHANDLER, ARIZONA 85226

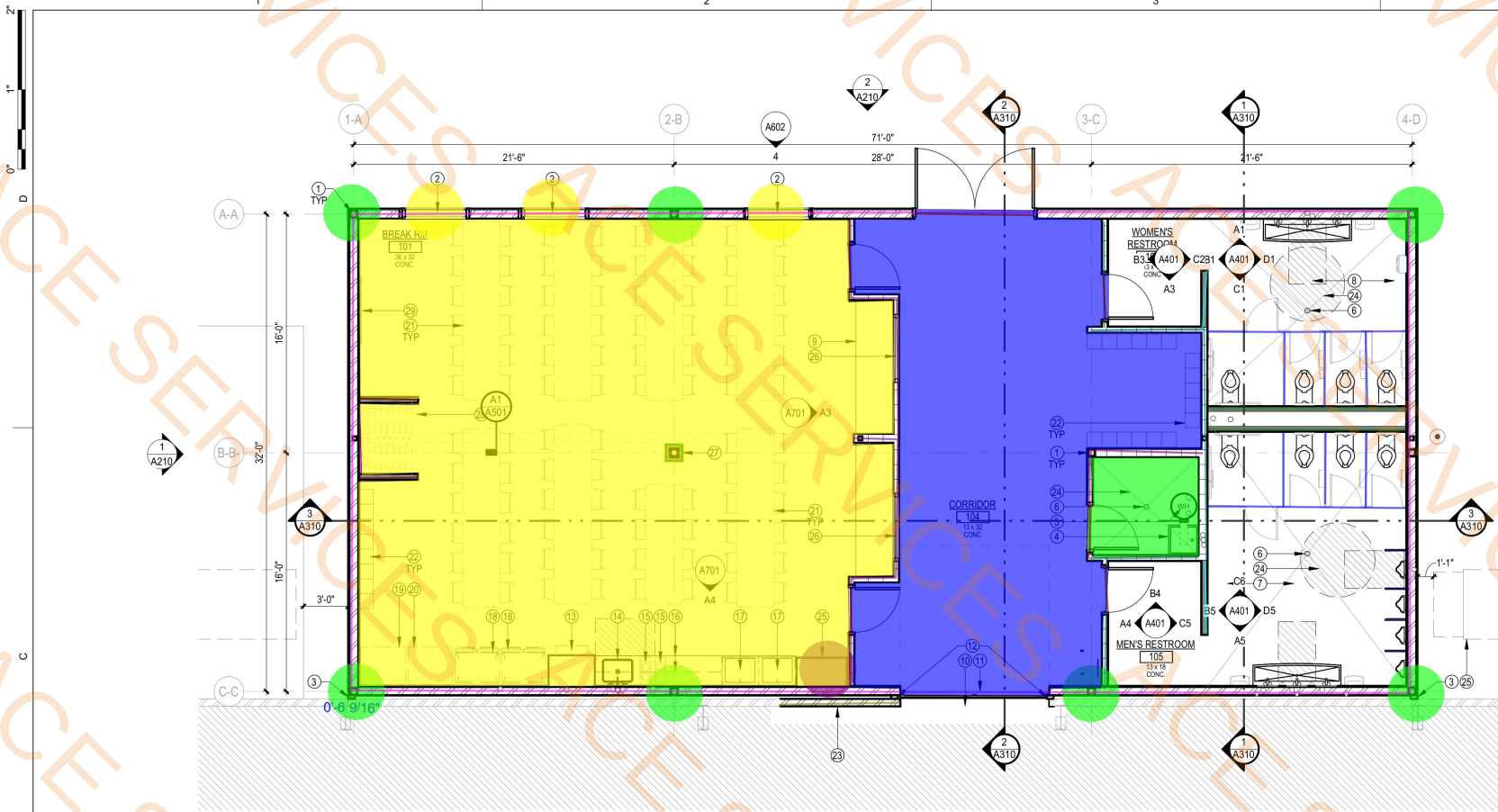
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

DATE REVISION

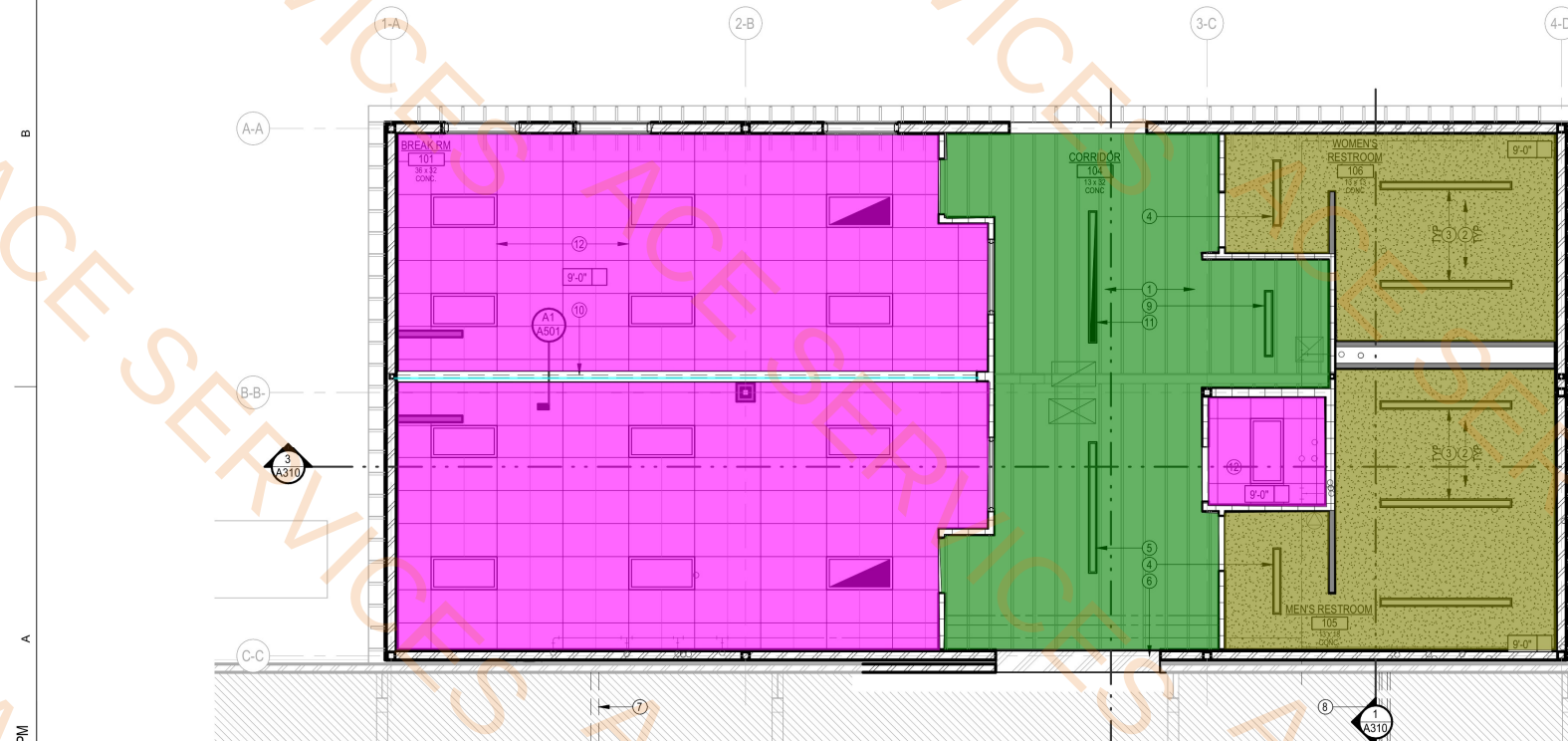
PROJECT NUMBER 25039

BLDG #2 - FLOOR PLAN

A110



1 BLDG #2 - FLOOR PLAN
SCALE: 3/16" = 1'-0"



2 BLDG #2 - REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

FLP - KEYNOTES

- 6x6 STRUCTURAL TUBE STEEL COLUMN
- 5'-0" H x 4'-6" W. EXTERIOR STOREFRONT GLAZING
- BUILDING EXPANSION JOINT, NYSTROM E.JN-ESU (OR SIMILAR)
- 2'-0" x 2'-0" SERVICE SINK
- WATER HEATER
- FLOOR DRAIN
- MEN'S RESTROOM INCLUDES BUT NOT LIMITED TO FLOOR MOUNTED FLUSH VALVE WATER CLOSET WITH FULL HEIGHT TOILET PARTITIONS AND AN ADA COMPLIANT STALL WITH COMPLIANT ACCESSORIES, WALL MOUNTED URINALS WITH FULL HEIGHT PARTITIONS AND A TROUGH STYLE LAVATORY SINK WITH SOAP DISPENSERS, MIRROR AND PAPER TOWEL DISPENSERS
- WOMEN'S RESTROOM INCLUDES BUT NOT LIMITED TO FLOOR MOUNTED FLUSH VALVE WATER CLOSET WITH FULL HEIGHT TOILET PARTITIONS AND AN ADA COMPLIANT STALL WITH COMPLIANT ACCESSORIES, AND TROUGH STYLE LAVATORY SINK WITH SOAP DISPENSERS, MIRROR, PAPER TOWEL DISPENSERS AND A NAPKIN-TAMPON DISPENSER
- 30" DEEP PLAIN BASE CABINETS AND COUNTERTOP AT 2'-10"
- REPLACE EXISTING ROLL-UP DOOR WITH NEW OVERHEAD DOOR MODEL 620
- EXTEND CONCRETE SLAB AS REQUIRED AND TIE INTO EXISTING SLAB
- INTERIOR ALUMINUM SLAB BUILDING EXPANSION JOINT, NYSTROM IJU (OR SIMILAR)
- ICE MAKER (N.I.C.) RECESSED INTO FULL HEIGHT PLASTIC LAMINATE CABINET - G.C. TO PROVIDE AND INSTALL COLD WATER LINE AND REQUIRED FLOOR SINK WITH GRATE
- STAINLESS STEEL SINK
- (2) COFFEE MAKERS (N.I.C.) - G.C. TO PROVIDE AND INSTALL 1/4" COLD WATER LINE
- PLASTIC LAMINATE COUNTERTOP WITH PLASTIC LAMINATE BASE AND OVERHEAD CABINETS
- (4-TOTAL) MICROWAVES (N.I.C.) RECESSED ON STACKED SHELVES IN FULL HEIGHT PLASTIC LAMINATE CABINET
- (2) REFRIGERATORS (N.I.C.) - G.C. TO PROVIDE AND INSTALL 1/4" COLD WATER LINE
- SNACK VENDING MACHINE (N.I.C.)
- BEVERAGE VENDING MACHINE (N.I.C.)
- FURNITURE (N.I.C.)
- EMPLOYEE'S STORAGE LOCKERS (N.I.C.)
- INFILL EXTERIOR METAL BUILDING WALL SYSTEM AS REQUIRED DUE TO REMOVAL OF OVERHEAD DOOR SYSTEM, MATCH ADJACENT FRAMING AND FINISH AS REQUIRED
- SLOPE SLAB AS REQUIRED
- FULL HEIGHT STORAGE CABINET - PLASTIC LAMINATE - WILSONART CALCUTTA MARBLE 4925 OR SIMILAR
- INTERIOR WINDOW - SEE WINDOW SCHEDULE
- STRUCTURAL COLUMN WITH FURRING, 5/8" GYPSUM BOARD OVER 1 1/2" METAL STUDS TO 6" ABOVE CEILING SYSTEM
- MODERN FOLD MOVABLE PARTITION WITH OVERHEAD TRACK, OR EQUAL
- WALL MOUNTED T.V. - PROVIDE BACKING AS REQUIRED

R.C.P. - KEYNOTES

- AREA EXPOSED TO STRUCTURE ABOVE - PROVIDE AND INSTALL R-30 SOUND BATT INSULATION WITH VINYL FACE MECHANICAL ATTACHED TO STRUCTURE
- SUSPENDED HARD LID GYPSUM BOARD CEILING SYSTEM WITH 5/8" TYPE 'X' GYPSUM BOARD OVER SUSPENDED T-BAR SYSTEM
- 4"W. x 8'-0" RECESSED LED LIGHT FIXTURE, ALW LIGHT PLANE+4 (LPX4) (OR SIMILAR) WITH FURRING

FLP - GENERAL NOTES

- ANGLES ARE 45 DEGREES AND 90 DEGREES - UNLESS NOTED OTHERWISE
- ALL ELEVATIONS ARE FROM DATUM ELEVATION 0'-0"
- ALL EQUIPMENT, FURNITURE & MILLWORK MUST MEET ALL CLEARANCES & REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER
- PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT A DOOR THRESHOLD. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2
- CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID & AGAIN PRIOR TO ELECTRICAL ROUGH IN
- GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE ANY AND ALL EQUIPMENT SECTION
- ALL CONDENSATE LINES OR CONDUIT IS TO BE CONCEALED WITHIN WALL CAVITIES - NO EXPOSED PIPES OR CONDUIT WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE OWNER
- ALL WALLS ARE TO BE METAL CONSTRUCTION UNLESS NOTED OTHERWISE
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF SLAB AND INSIDE FACE OF STUD PLATE
- CONTRACTOR TO COORDINATE WITH OWNER FOR ALL LOW VOLTAGE SYSTEMS AND REQUIRED CONDUIT PLACEMENT PRIOR TO POURING CONCRETE
- COLUMNS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY - SEE STRUCTURAL DRAWINGS FOR ALL COLUMN LOCATIONS, TYPE AND SIZE
- ALL NEW DOORS SHALL HAVE A.D.A. COMPLIANT HARDWARE
- ALL FINISHES SHALL COMPLY WITH I.B.C. CHAPTER 8 AND HAVE A MINIMUM CLASS 'C' RATING
- PATCH, REPAIR, AND CLEAN CONCRETE FLOOR; REMOVE ALL RESIDUE - PREPARE FOR NEW FINISHES
- ALL WALLS SHALL BE FINISHED LEVEL 4 SMOOTH AND PAINTED
- PROVIDE AND INSTALL ALL FINISHES INCLUDING BUT NOT LIMITED TO: PAINT, CARPET, VINYL COMPOSITE TILE, BASE, PAINT, ETC.
A. CPT = CARPET
B. LVT = LUXURY VINYL TILE
C. CONC. = SEALED CONCRETE
- EXPOSED CONCRETE AREAS SHALL BE CLEANED UPON COMPLETION OF CONSTRUCTION
- PROVIDE AND INSTALL MECO SHADES AT ALL EXTERIOR WINDOWS
- PER I.B.C. 2509: PROVIDE AND INSTALL WATER RESISTANT GYPSUM BOARD AT ALL WET AREAS
- ALL LIGHT SWITCHES ARE TO BE MOTION SENSOR TYPE - SEE ELECTRICAL DRAWINGS
- OWNER IS RESPONSIBLE TO PREPARE PLANS, SUBMIT AND OBTAIN ALL REQUIRED CITY PERMITS AND APPROVALS FOR ANY HIGH PILE STORAGE

R.C.P. - GENERAL NOTES

- ALL CEILING HEIGHTS ARE MINIMUM CLEAR AND MUST BE MAINTAINED. IF ABLE TO RAISE DRYWALL CEILING NOTIFY ARCHITECT AND OWNER PRIOR TO CONSTRUCTION OF DROPPED CEILING
- SUSPENDED CEILING SHALL MEET CRITERIA PER APPLICABLE CODES AND HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) OF 0.75
- WHEN INSTALLING CEILING MOUNTED EXIT SIGNAGE - GENERAL CONTRACTOR TO VERIFY LINE OF SIGHT IS MAINTAINED AND NOT OBSCURED BY FURRED CEILING

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RCP - LEGEND

- 2'-0" x 4'-0" SUSPENDED ACOUSTICAL CEILING TILE WITH 2ND LOOK AND T-BAR GRID SYSTEM
- WASHABLE 2'-0" x 4'-0" SUSPENDED ACOUSTICAL CEILING TILE AND T-BAR GRID SYSTEM
- 2'-0" x 4'-0" RECESSED LED LIGHT
- 2'-0" x 4'-0" RECESSED LED LIGHT

- 6x6 Steel Column (10')
- 5'-0" Hx4'-6" W Exterior Storefront
- Exterior Shear Wall (6" Metal Stud @16" W/ 5/8" Type X Gyp on Side HT 12'-5"
- Interior Wall (HT 9) With MR 5/8" Gyp On B.s over 3 5/8" Metal Stud @16" (R-11)
- Interior Wall (HT 9) With 5/8" Gyp On B.s over 3 5/8" Metal Stud @16" (R-11)
- 5/8" Type X Gyp One Side Over Double 3 5/8" Metal Stud @16" O.C (12')
- 23) Infill Exterior Metal Building Wall System (Ht 13')
- Inter Wall (12ft) 5/8" Type X Gyp On B.S W/ 3 5/8" Metal Stud @16" (R-19)
- Inter Wall (12ft) 5/8" Type X Gyp One Side And MR On One Side W/ 3 5/8" Metal Stud @16" (R-19)
- 5/8" Gyp Board Over 1 1/2" Metal Stud (9'-6")
- (28) Modern Fold Movable partition with Overhead Track
- Full Ht Storage Cabinets (7'-10" ht) (2'-0" Deep) With 4 Adjstutable Shel
- Toilet Partition
- Wall Mounted Urinal Partition
- Sealed Concrete Floor
- Sealed Concrete
- Sealed Concrete Flooring
- Center Ceiling System
- (HT 5') 5/8" Double Gyp On B.S (3 5/8" Metal Stud (R-11)
- Floor Transition Strip
- Exposed Structure
- Suspended Hard Lid Gypsum Board Ceiling Type X

BLDG #2 KEYMAP

- 7.0 EA
- 3.0 EA
- 206.3 FT
- 8.9 FT
- 8.1 FT
- 26.6 FT
- 8.1 FT
- 55.2 FT
- 46.3 FT
- 4.4 FT
- 4.7 FT
- 1.0 EA
- 56.5 FT
- 5.9 FT
- 48.7 SQ FT
- 1081.1 SQ FT
- 525.2 SQ FT
- 1109.5 SQ FT
- 35.6 FT
- 24.3 FT
- 509.8 SQ FT
- 497.9 SQ FT

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 Exterior Metal Panel

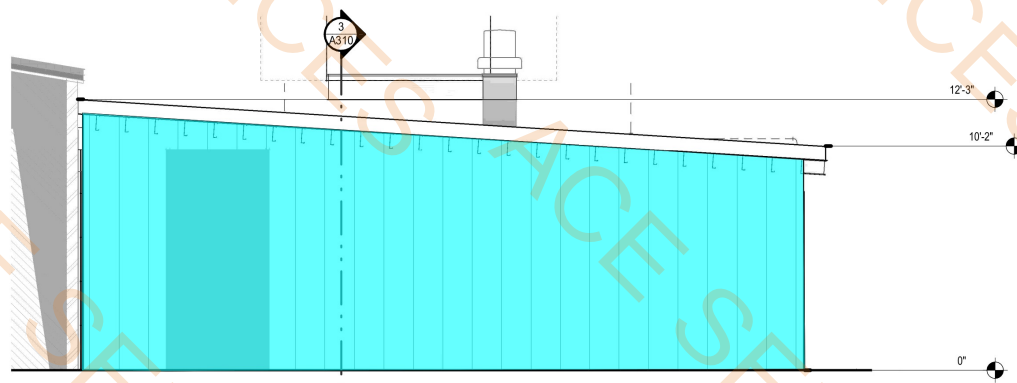
 Drip Edge Flashing And Pre-Finish Metal Gutter

 Downspot (Ht10')

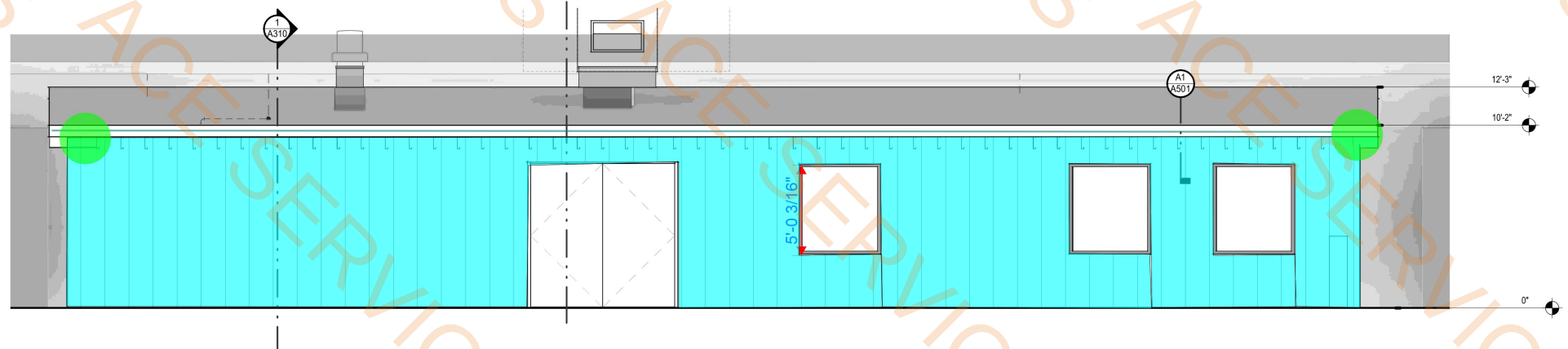
1240.7 SQ FT

73.8 FT

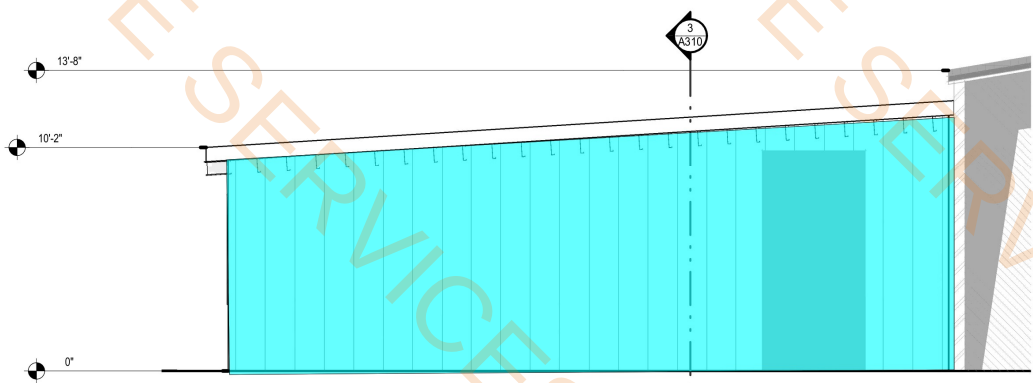
2.0 EA



BLDG #2 - EXTERIOR ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"



BLDG #2 - EXTERIOR ELEVATION - EAST
SCALE: 1/4" = 1'-0"



BLDG #2 - EXTERIOR ELEVATION - NORTH
SCALE: 1/4" = 1'-0"

REFERENCE NOTES

PROJECT NUMBER

25039

BLDG #2 - EXTERIOR ELEVATIONS

A210

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CONSTRUCTION

TRIAX INDUSTRIES, LLC

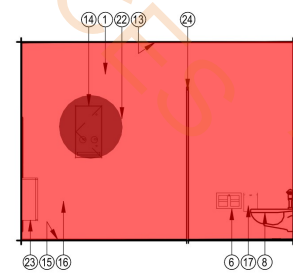
TRIAX INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

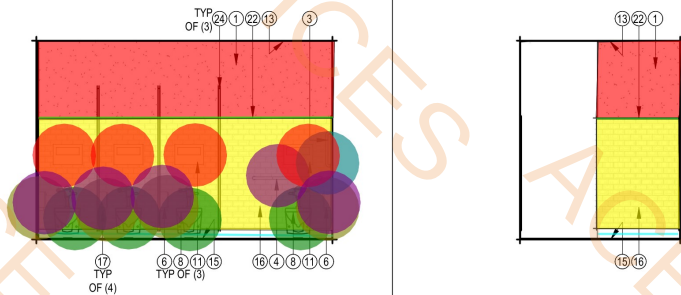
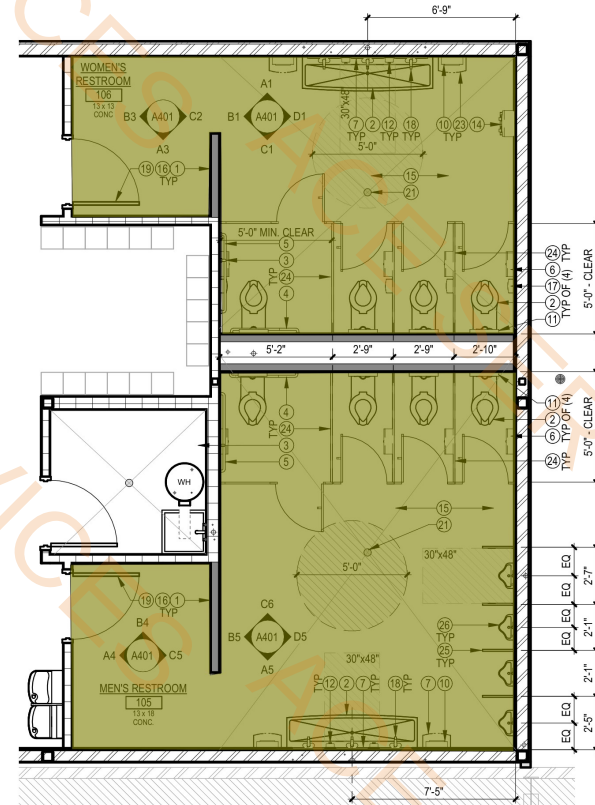
6519 WEST ALLISON ROAD

CHANDLER, ARIZONA 85226

DESIGN DEVELOPMENT/PROGRESS SET - 08.15.2025



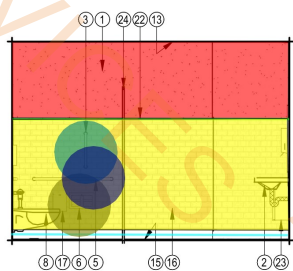
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SCALE: 1/4" = 1'-0"



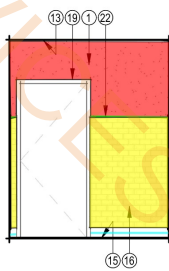
C1 WOMENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"

C2 WOMENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"

C3 **ENLARGED RESTROOM PLAN**
SCALE: 1/4" = 1'-0"



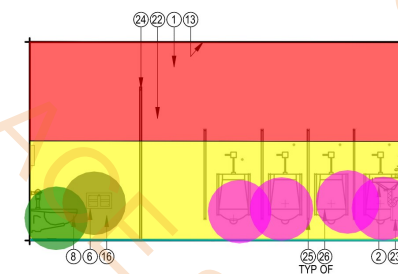
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SCALE: 1/4" = 1'-0"



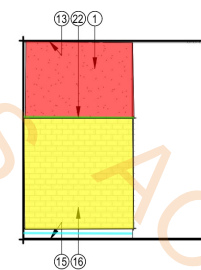
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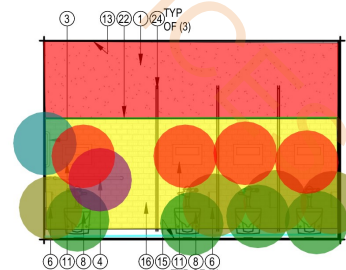
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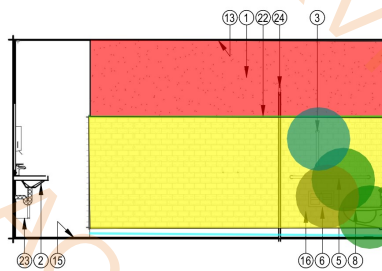
D5 MENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"



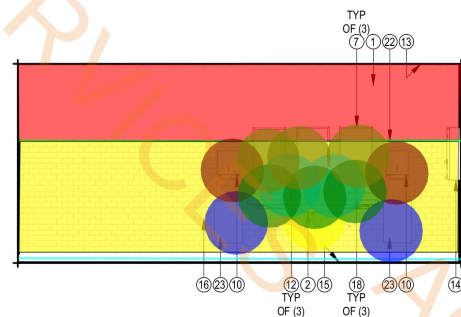
C5 MENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"



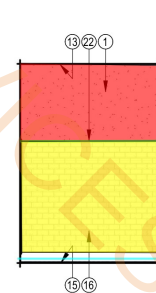
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SCALE: 1/4" = 1'-0"



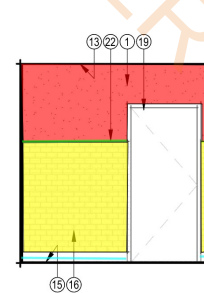
B5 MENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"



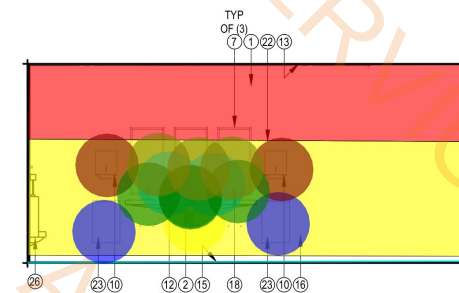
A1 WOMENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"



A3 WOMENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"



A4 **MENS RESTRM ELEV.**
SCALE: 1/4" = 1'-0"



A5 MENS RESTRM ELEV.
SCALE: 1/4" = 1'-0"

- | | | |
|---|--|-------------|
|  | PT On Gyp Board | 624.0 SQ FT |
|  | 22) Schluter 'L' Trim | 98.5 FT |
|  | Tile Finish Over Gyp board | 694.1 SQ FT |
|  | 6"H Ceramic Tile Wall Base | 140.3 FT |
|  | Tag (14) | 1.0 EA |
|  | Tag -8 | 11.0 EA |
|  | Tag-6 | 11.0 EA |
|  | Tag-4 | 2.0 EA |
|  | Tag-3 | 4.0 EA |
|  | Tag-11 | 8.0 EA |
|  | Tag-2 | 2.0 EA |
|  | Tag-23 | 4.0 EA |
|  | Tag-26 | 4.0 EA |
|  | Tag-12 | 4.0 EA |
|  | Tag-10 | 4.0 EA |
|  | Tag -18 | 7.0 EA |
|  | Tag-7 | 6.0 EA |
|  | Tag-5 | 1.0 EA |
|  | Tag-17 | 4.0 EA |
|  | Cermic Tile Flooring | 497.5 SQ FT |
| FLOORING | | |
| | 6. FLOOR MOUNTED FLUSH VALVE WATER CLOSET - SEE PLUMBING DRAWINGS | |
| | 9. WALL MOUNTED RESTROOM SIGNAGE - SEE DETAIL 17/- | |
| | 10. SURFACE MOUNTED PAPER TOWEL DISPENSER AND TRASH RECEPTACLE DISPENSER (BOBRICK B-9262 OR EQUAL) | |
| | 11. SURFACE MOUNTED TOILET SEAT COVER DISPENSER (BOBRICK B-221 OR EQUAL) | |
| | 12. SURFACE MOUNTED SOAP DISPENSER (BOBRICK B-4112 OR EQUAL) | |
| | 13. CEILING SYSTEM - SEE REFLECTED CEILING PLAN | |
| | 14. SURFACE MOUNTED COIN OPERATED TAMPON DISPENSER (BOBRICK B47089-25 OR EQUAL) | |
| | 15. TILE FLOORING TO BE MET WITH A SCHLUTER COVE BASE - SEE DETAIL -/- | |
| | 16. TILE FINISH OVER 5/8" WATER RESISTANT GYPSUM BOARD, MIN. 5'-0" A.F.F. - SEE DETAIL -/- | |
| | 17. SURFACE MOUNTED SANITARY NAPKIN DISPOSAL (BOBRICK B-270 OR EQUAL) | |
| | 18. COUNTERTOP MOUNTED FAUCET WITH COVER PLAN (DELTA PREFERRED FAUCET) | |
| | 19. SCHEDULED DOOR AND FRAME SYSTEM - SEE SHEET A601 | |
| | 20. BAGGAGE HOOK | |
| | 21. FLOOR DRAIN - SEE PLUMBING DRAWINGS | |
| | 22. SCHLUTER 'L' TRIM - SEE DETAIL -/- | |
| | 23. SURFACE MOUNTED TRASH CAN (BOBRICK B-2777 OR EQUAL) | |
| | 24. FLOOR-TO-CEILING TOILET PARTITION (BOBRICK, DURALINE SERIES QCL 1080/1180 OR SIMILAR) | |
| | 25. WALL MOUNTED URINAL PARTITION (BOBRICK, DURALINE SERIES OR SIMILAR) | |
| | 26. WALL MOUNTED URINAL, SEE PLUMBING DRAWINGS | |

GENERAL NOTES

1. SEE DETAIL 1/1- FOR TYPICAL A.D.A MOUNTING HEIGHTS
2. WALLS WITHIN (2) FEET OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NON ABSORBENT SURFACE, TO A MINIMUM HEIGHT OF 4'-0" ABOVE THE FINISHED FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN ANY WALL SHALL BE A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE. THE FRP PANELS SHALL HAVE ALL SEAMS SEALED IN ORDER TO COMPLY WITH THE REQUIREMENTS OF THE CODE.
3. SEE SHEET A101 FOR WALL TYPES
4. COORDINATE ACCESSORY FINISHES WITH THE OWNER
5. COORDINATE ALL FINISHES WITH THE OWNER

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TRIAx INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226

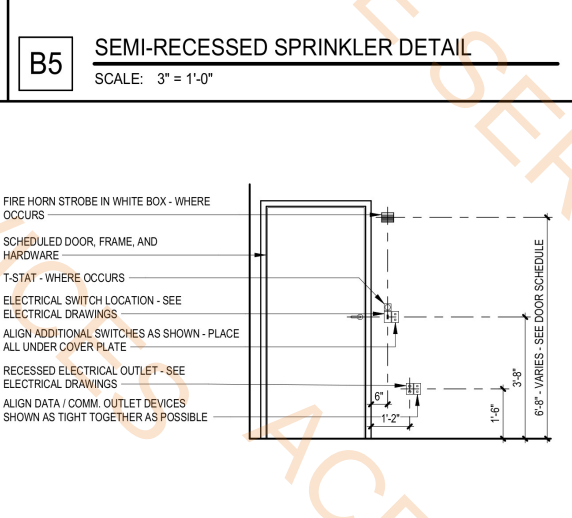
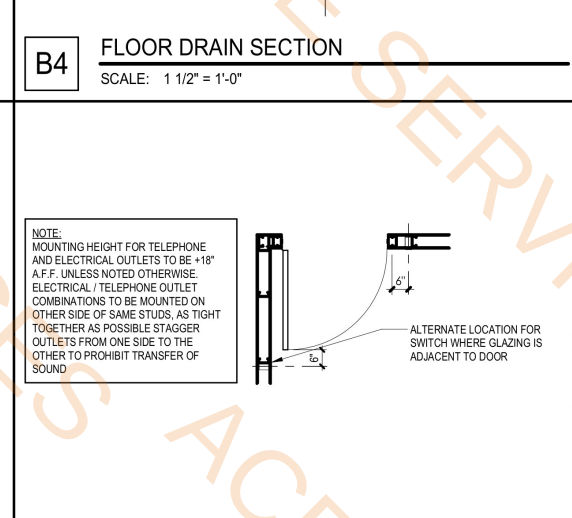
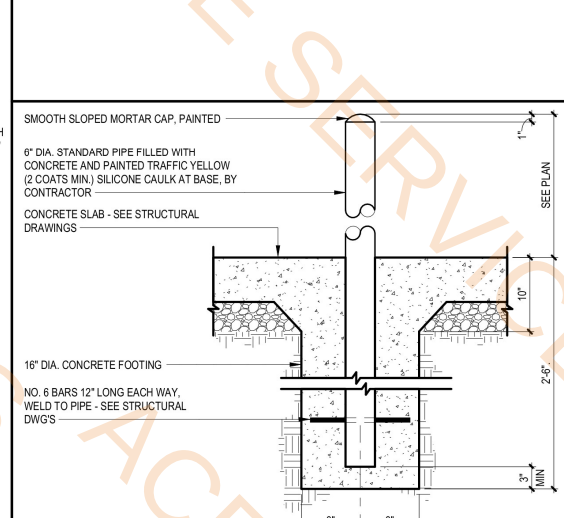
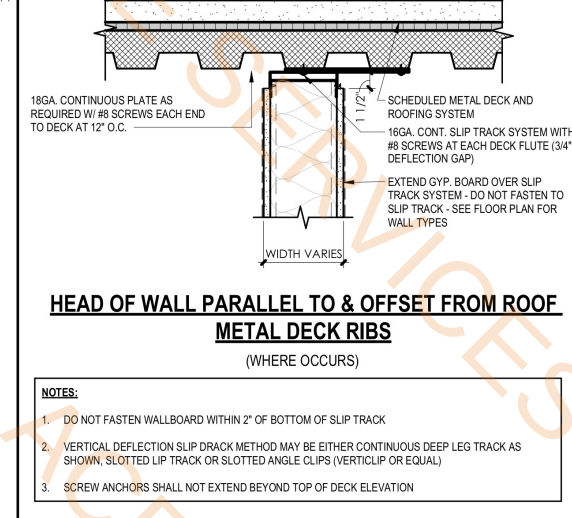
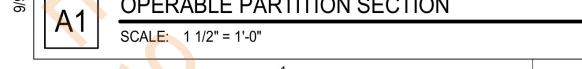
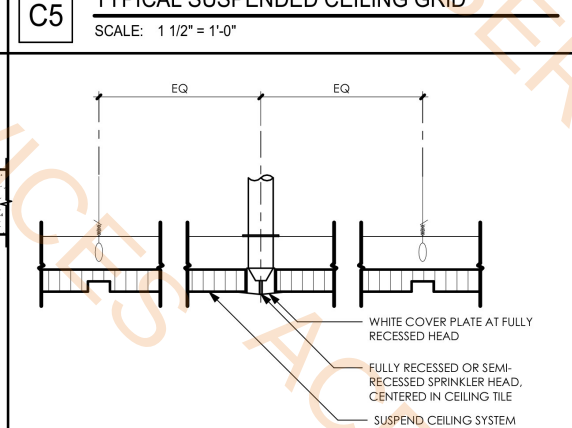
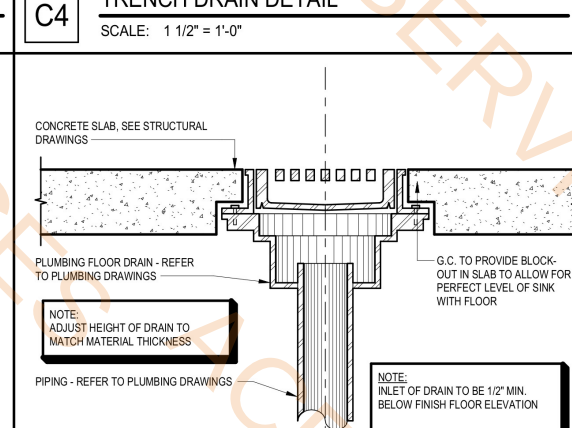
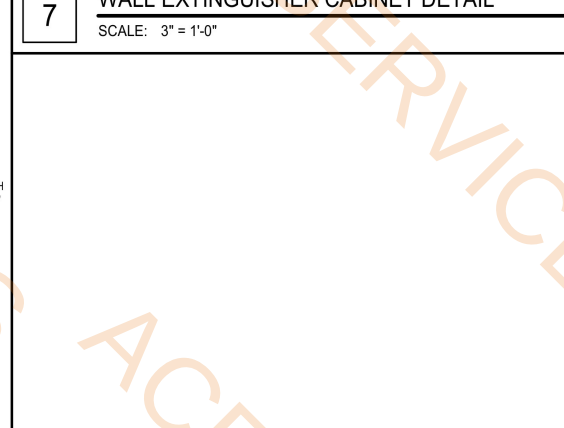
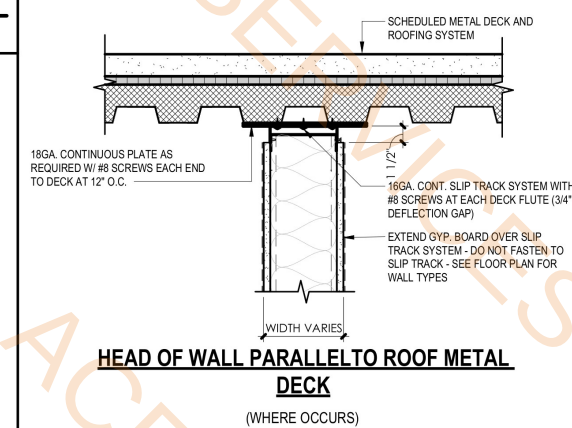
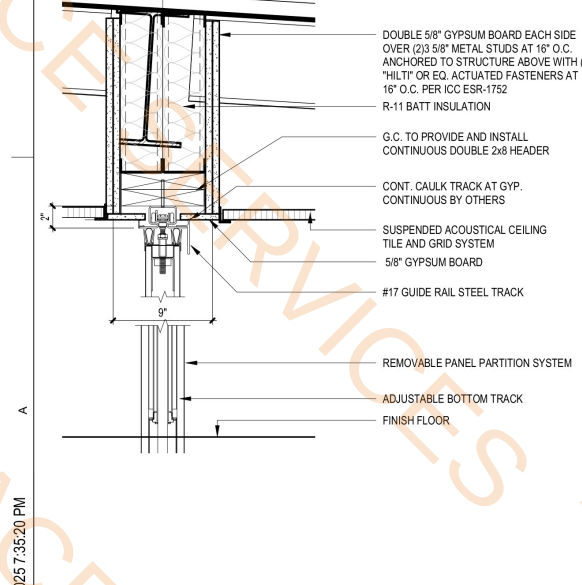
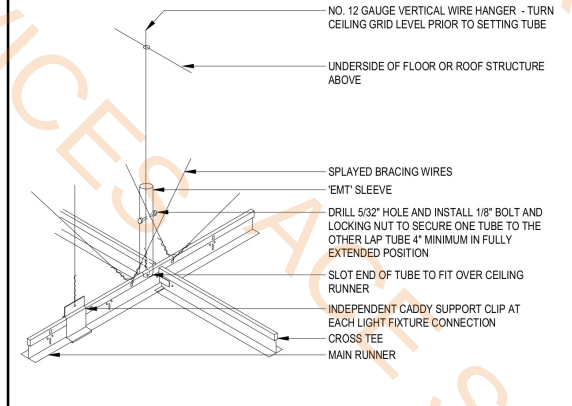
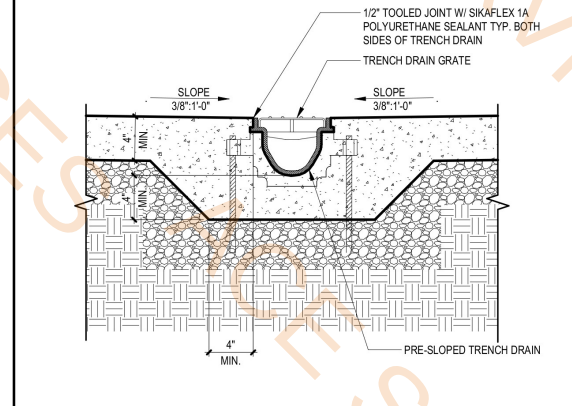
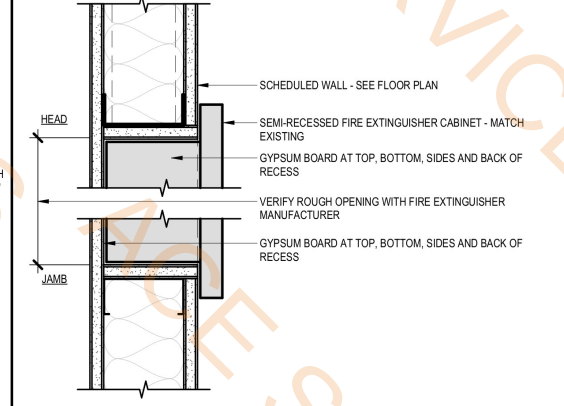
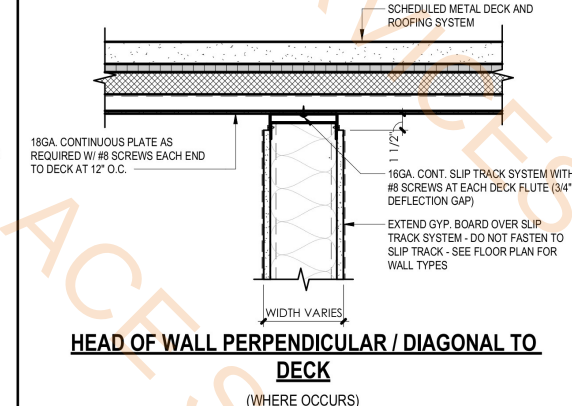
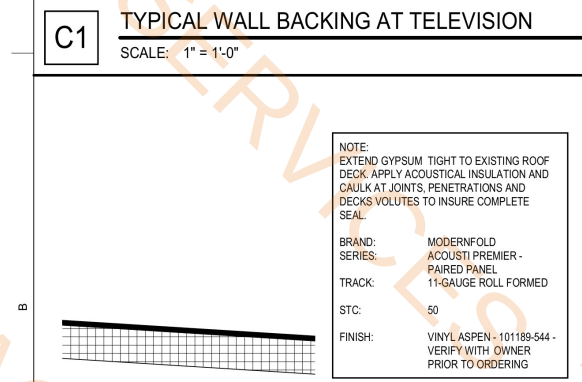
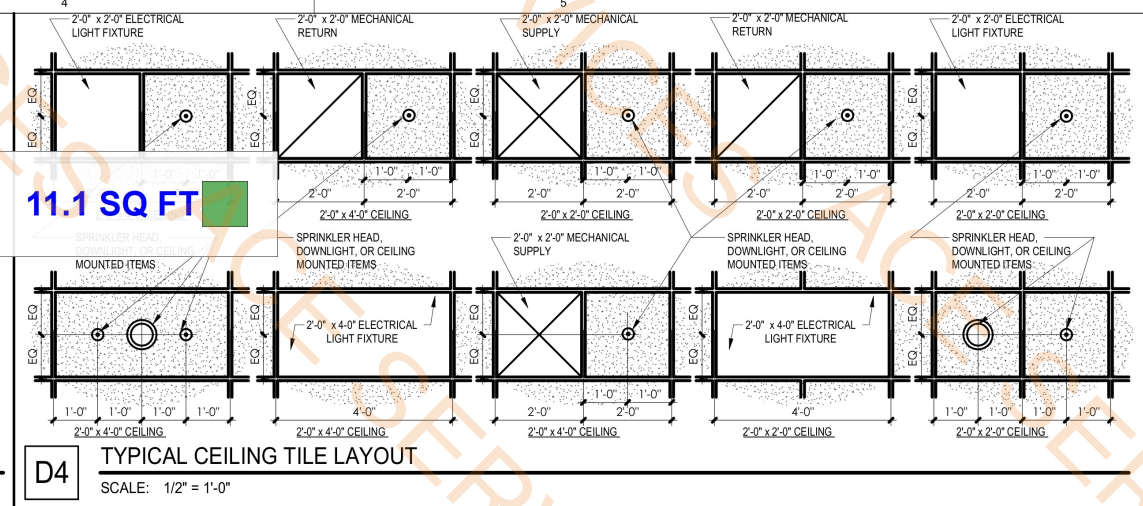
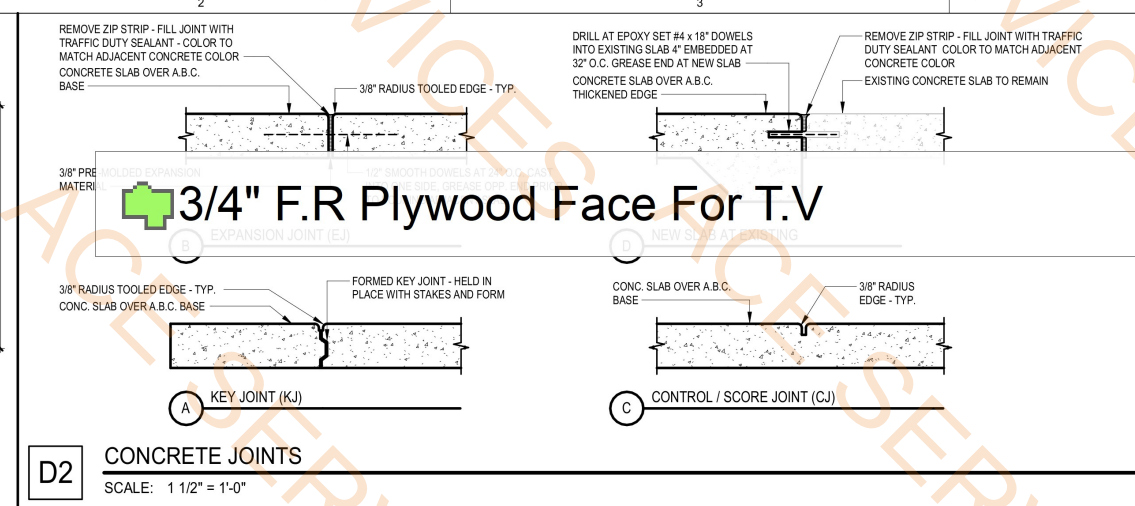
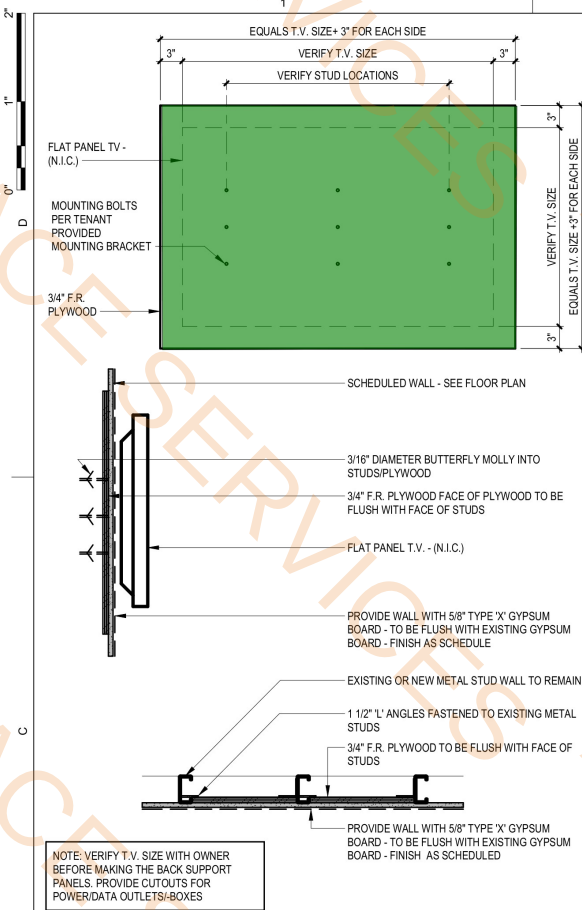
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

DATE	REVISION

PROJECT NUMBER 25039

ENLARGED RESTROOM PLAN & ELEVATIONS

A401



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- Microwave Cabinet Section (7' Ht 3'-6"W and 2' deep)
- Upper Cabinets (1'-9" Ht) Deep 2' and 5' Width)
- 2' 1 1/2" Deep 2'-10" Ht Base Cabinets
- 2' 1 1/2" Deep 2'-10" Ht Upper Cabinets
- 4'-2" HT Upper Cabinets W 2'-0 Deep Including (2) Adjustable Shelves
- 2'-6" Deep W 3'-0" HT Cabinets
- PT At Wall
- Rubber Wall Base
- Interior Window (4' H x 4'-7" W)

1.0 EA
5.1 FT
13.5 FT
8.5 FT
1.0 EA
17.8 FT
251.2 SQ FT
35.7 FT
2.0 EA

ABBREVIATIONS:

ATC	ACCESSIBLE TRANSACTION COUNTER, 12" DEEP X 36" WIDE MIN. AT 36" A.F.F.
B	WALL BASE - SEE ROOM FINISH SCHEDULE
BCAB	PLAM BASE CABINET W/ ONE MELAMINE ADJUSTABLE SHELF
BFS	BOTTLE FILLER STATION
BS	BOOK SHELVES
C	COPIER (N.I.C.)
CM	COFFEE MAKER (N.I.C.)
D	DOOR
DP	(3) DRAWER PEDESTAL
DPJ	DATA/PHONE JACK
DR	PLAM DRAWER (W OF DRAWERS MAY VARY)
DW	DISHWASHER (N.I.C.)
ER	ELECTRICAL RECEPTACLE
ES	ELECTRICAL SWITCH
ES&B	ENGINEERED STONE & 4" HIGH BACKSPLASH
ESC	ENGINEERED STONE COUNTERTOP
EXSTR	EXISTING STOREFRONT
FD	2-FILE DRAWER PEDESTAL
FF	FILE/FILE
FIN	PLAM FINISH END PANEL
G	3" DIA. BLACK GROMMET OVER ELECT. RECEPT.
GS	GLASS BACKSPLASH
ICE	ICE AND WATER DISPENSER (N.I.C.)
KT	KEYBOARD TRAY
KV	EXTRA HEAVY DUTY KV STANDARDS AND BRACKETS
L	LIGHT FIXTURE
LK	LOCKABLE
LW	LOW WALL
MAS	MELAMINE ADJUSTABLE SHELF
MICR	MICROWAVE (N.I.C.)
OHCB	OVER HEAD CABINET WITH TWO ADJUSTABLE SHELVES
OOHCS	OPEN OVERHEAD CABINET WITH TWO ADJUSTABLE SHELVES - PLAM FINISH ALL EXPOSED AREAS
PD	PENCIL DRAWER
PGB	PAINTED GYPSUM BOARD
PLC	PLASTIC LAMINATE COUNTER TOP
PLC&B	PLASTIC LAMINATE COUNTER WITH 4" HIGH BACKSPLASH
PLP	PLASTIC LAMINATE PANEL
PLPOP	PLASTIC LAMINATE POP OUT
PLSC	PLASTIC LAMINATE STORAGE CABINET
PLSH	PLASTIC LAMINATE SHELF 12" DEEP
PS	PROJECTION SCREEN
QTZ	QUARTZ
R	RECEPTACLE
REF	REFRIGERATOR (N.I.C.)
SCAB	PLAM SINK CABINET
TC	QUARTZ TRANSACTION COUNTER 12" DEEP AT 42" A.F.F.
TMB	TELEPHONE MOUNTING BOARD
TPS	TENANT PROVIDED STORAGE
TRASH	TRASH CABINET
TRCH	TRASH CHUTE
UCR	UNDER COUNTER REFRIGERATOR (N.I.C.)
WD	WATER DISPENSER (N.I.C.)

GENERAL MILLWORK NOTES:

- PAINT ALL SURFACE-MOUNTED WALL STANDARDS AND ADJUSTABLE SHELF BRACKETS TO MATCH ADJACENT WALL FINISH, UNLESS OTHERWISE NOTED.
- THE LENGTH OF ANY ONE (1) ADJUSTABLE SHELF ON SURFACE-MOUNTED STANDARDS WITH BRACKETS SHALL NOT EXCEED 8'-9" END TO END. SURFACE MOUNTED STANDARDS SHALL BE 3'-0" O.C. MAXIMUM WIDTH WITH A STANDARD AT 3" MAXIMUM FROM EACH END OF THE ADJUSTABLE SHELF.
- WHETHER INDICATED OR NOT, ALL MILLWORK TO RECEIVE PLASTIC LAMINATE SHALL HAVE IT APPLIED TO ALL EXPOSED AND SEMI-EXPOSED SURFACES.
- PROVIDE 3" HIGH PLASTIC LAMINATE RETURN SPLASHES AT END WALLS AT MILLWORK TOPS WITH PLASTIC LAMINATE BACKSPLASH, UNLESS NOTED OTHERWISE. USE WILSONART CALCULI TA MARBLE 4925 OR SIMILAR.
- ALL MILLWORK CABINETS AND TOPS SHALL BE SCRIBED TO WALLS AND CAULKED.
- MILLWORK FABRICATOR SHALL VERIFY THAT ADEQUATE DIMENSIONAL CLEARANCES ARE PROVIDED, SUCH THAT DOORS AND DRAWERS DO NOT STRIKE ADJACENT DOORS, WALLS, DRAWERS, HINGES, PULLS AND ANY OTHER HARDWARE IN THEIR FULL AND PROPER OPERATION.
- PROVIDE 2 X 4 WOOD BLOCKING AT ALL ADJUSTABLE SHELVING, TYPICAL. FASTEN FROM METAL STUD TO METAL STUD FOR ADJUSTABLE STANDARD SUPPORT. VERIFY VERTICAL SPACING WITH STANDARD MANUFACTURER. SURFACE MOUNT ADJUSTABLE SHELF STANDARDS AT 3'-0" O.C. MAXIMUM (TYPICAL). SECURE TO FIRE RETARDANT WOOD BLOCKING IN WALL.
- INSIDE FACE OF ALL CABINETS AND SHELVES TO BE DARK GREY MELAMINE.
- PROVIDE SHOP DRAWINGS TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- ALL HINGES SHALL BE SELF CLOSING CONCEALED 170 DEGREE OPENING.
- CONSTRUCTION SHALL BE PREMIUM GRADE, FLUSH OVERLAY.
- ALL HARDWARE SHALL BE TESTED AND ADJUSTED. ALL MILLWORK WILL BE CLEANED, REPAIR OR REPLACE ANY DEFECTS.

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730 Pacific Avenue · Salt Lake City, Utah 84104
O 801.521.6186 · FFKR.COM



TRIAx INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

6519 WEST ALLISON ROAD

CHANDLER, ARIZONA 85226

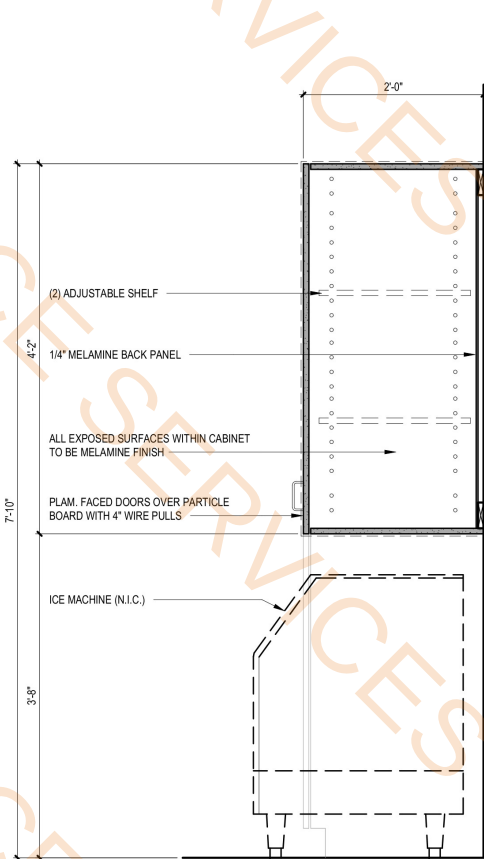
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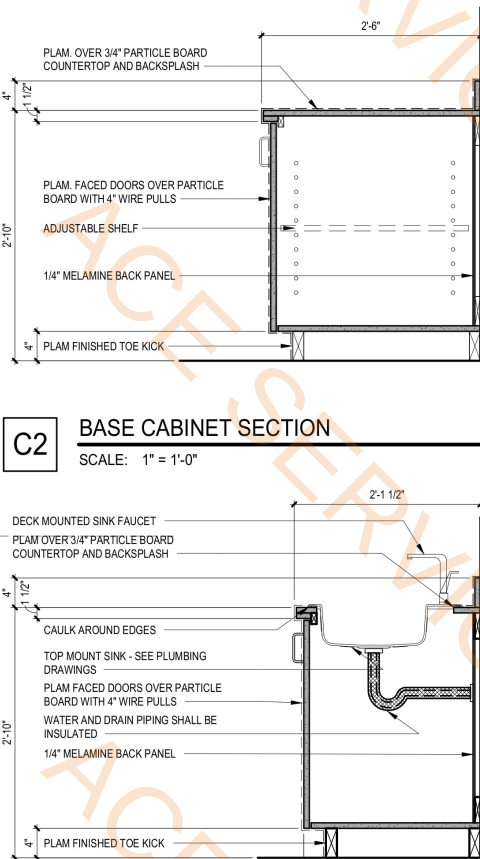
PROJECT NUMBER 25039

CASEWORK ELEVATIONS AND DETAILS

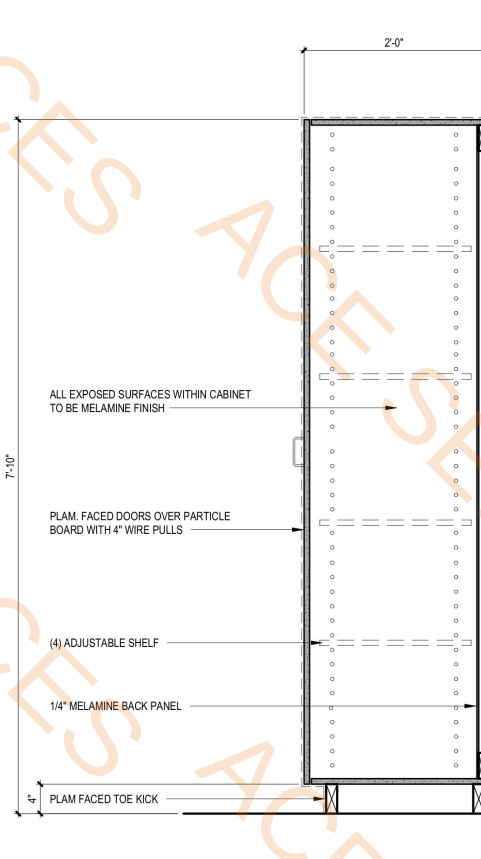
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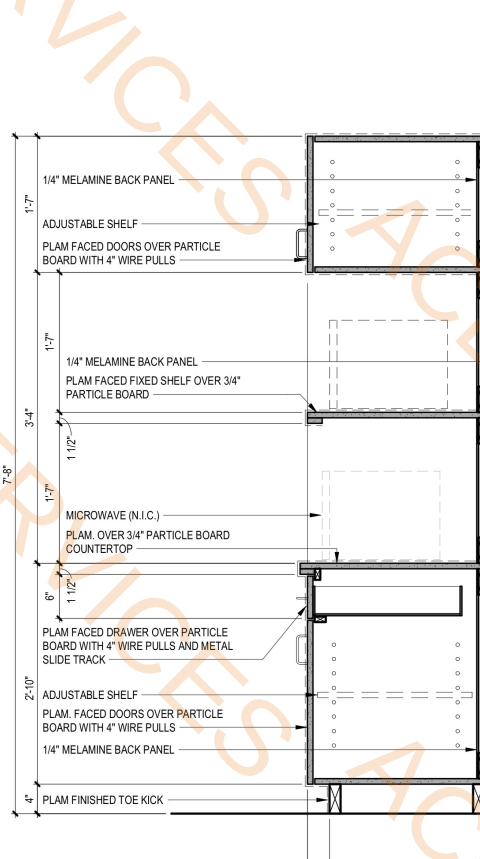
B1 CABINET SECTION AT ICE MAKER
SCALE: 1" = 1'-0"



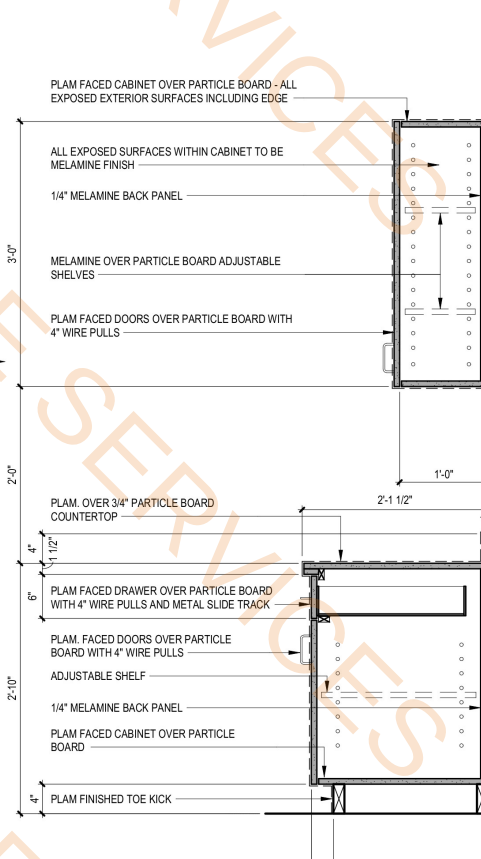
B2 SINK CABINET SECTION
SCALE: 1" = 1'-0"



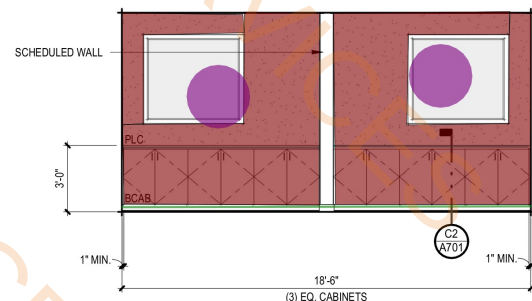
B3 FULL HEIGHT CABINET SECTION
SCALE: 1" = 1'-0"



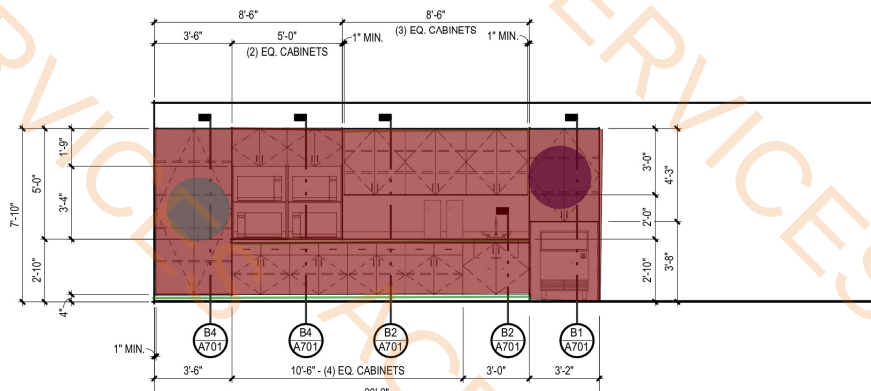
B4 MICROWAVE CABINET SECTION
SCALE: 1" = 1'-0"



B5 BASE AND O.H. CABINET SECTION
SCALE: 1" = 1'-0"



A3 CASEWORK ELEVATION 'A'
SCALE: 1/4" = 1'-0"



A4 CASEWORK ELEVATION 'B'
SCALE: 1/4" = 1'-0"

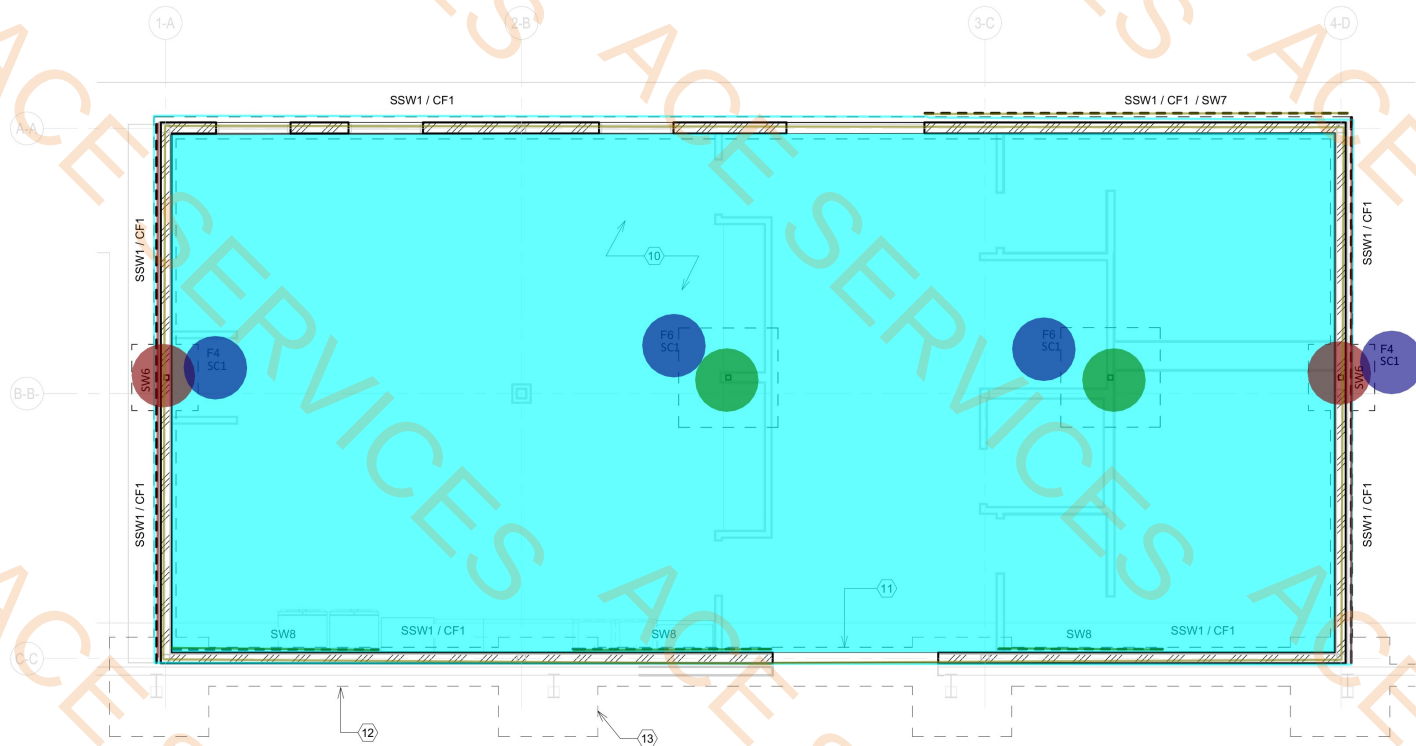
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STEEL STUD WALL (SSW) SCHEDULE			
NOTES:			
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N. U.N.O.			
2. BRIDGING IS NOT REQUIRED WHERE WALL IS FULLY SHEATHED BOTH SIDES.			
3. LOCATE WALL STUD DIRECTLY BELOW JOIST. WHERE WALL STUD AND JOIST SPACING DIFFER, ALIGN AT 4'-0" O.C. MAX.			
4. SEE TYPICAL DETAILS AND G.S.N. FOR MORE INFORMATION.			
MARK	STUD SIZE	STUD SPACING	REMARKS
SSW1	600S162-43	16" O.C.	INSTALL BLOCKING WHERE REQ'D TO FASTEN ARCH'L FINISH PANELS (48" O.C. MAX)
SSW2	800S162-54 BACK TO BACK	16" O.C.	INSTALL 4 STUDS BUILT UP PER TYPICAL DETAIL AT EACH JOIST AND INSTALL BLOCKING WHERE REQ'D TO FASTEN ARCH'L FINISH PANELS (48" O.C. MAX)
SSW3	800S162-54	16" O.C.	INSTALL BLOCKING WHERE REQ'D TO FASTEN ARCH'L FINISH PANELS (48" O.C. MAX)

STEEL COLUMN (SC) SCHEDULE			
NOTES:			
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.			
2. INDICATED BEARING PLATE SHALL BE CONSIDERED MINIMUM SIZE REQUIRED U.N.O. ON PLANS OR DETAILS.			
3. SEE TYPICAL DETAIL FOR ANCHOR BOLT PATTERN AT BASE CONNECTION.			
4. ALL EXPOSED STEEL SHALL BE PROTECTED WITH WATER RESISTANT FINISH PER ARCH'L.			
5. PROVIDE FIRE RATED FINISH MATERIAL AT COLUMN AND CONNECTIONS WHERE REQUIRED PER ARCH'L.			
MARK	SHAPE	BASE PLATE (SC)	REMARKS
SC1	HSS 4x4x1/4	3/4" x 12" x 12" STEEL BASE PLATE WITH (4) 3/4" DIA x 7" EMBEDMENT A.B.	-
SC2	HSS5x5x1/4	3/4" x 12" x 12" STEEL BASE PLATE WITH (4) 3/4" DIA x 7" EMBEDMENT A.B.	-
SC3	HSS8x8x5/16	3/4"x14"x14" STEEL BASE PLATE WITH (4) 3/4" X7" EMBEDMENT A.B.	-
SC4	W18x71	3/4"x26"x16" STEEL BASE PLATE WITH (8) 3/4"x14" EMBEDMENT A.B. AT 4" O.C.x22" O.C.	-

SPREAD FOOTING (F/CF) SCHEDULE						
NOTES:						
1. FOR CONSTRUCTION ABOVE FOOTING, SEE DETAILS.						
2. CONCRETE FOOTING SHALL BE CENTERED ON CONSTRUCTION ABOVE.						
3. STRENGTH OF FOUNDATION CONCRETE PER G.S.N. U.N.O.						
REINFORCING SHALL HAVE MINIMUM 3" CONCRETE COVER TO BOTTOM AND EDGES OF FOOTING AND 2" CONCRETE COVER TO TOP OF FOOTING. SPACE REINFORCING EVENLY U.N.O.						
4. FOR MINIMUM DEPTH TO BOTTOM OF FOOTING, SEE G.S.N. U.N.O.						
IF FIELD DIMENSION OF FOOTING IS LARGER THAN SHOWN IN SCHEDULE, CONTRACTOR SHALL PLACE ADDITIONAL REINFORCING TO MAINTAIN ACI 318 MINIMUM AREA OF STEEL REQUIREMENTS.						
7. WHERE CONCRETE PEDESTAL OCCURS, SIZE AND REINFORCEMENT OF PEDESTAL SHALL BE PER CUT DETAIL U.N.O. PER REMARKS SECTION OF SCHEDULE BELOW.						
8. MARK 'F' INDICATES ISOLATED FOOTING. MARK 'CF' INDICATES CONTINUOUS FOOTING.						
9. PROVIDE 1'-0" MIN TOE EACH END OF CONTINUOUS FOOTINGS U.N.O.						
10. ALL LONGITUDINAL REINFORCING AT CONTINUOUS FOOTINGS SHALL BE CONTINUOUS THRU INTERSECTING ISOLATED FOOTINGS.						
MARK	HEIGHT	WIDTH	LENGTH	FOOTING REINFORCING TRANSVERSE	FOOTING REINFORCING LONGITUDINAL	REMARKS
CF1	1'-0"	1'-4"	CONT.	-	2 #5	TBD PER FUTURE GEOTECH REPORT
F3	1'-0"	3'-0"	3'-0"	4 #5	4 #5	TBD PER FUTURE GEOTECH REPORT
F4	1'-0"	4'-0"	4'-0"	5 #5	5 #5	TBD PER FUTURE GEOTECH REPORT
F6	1'-0"	6'-0"	6'-0"	7 #5	7 #5	TBD PER FUTURE GEOTECH REPORT
F8	1'-6"	8'-0"	8'-0"	12 #5 T&B	12 #5 T&B	TBD PER FUTURE GEOTECH REPORT fc=4,000PSI

4" THk Concrete Slab W 6x6-W2.9 W.W.F Over 15 Mil Vapor	2207.3 SQ FT
(F4) Footing	2.0 EA
(F6) Footing	2.0 EA
(CF 1) 1' Deep, Width 1'-4"	206.9 FT
SC1 HT (12')	4.0 EA
SSW1 HT 12.5' HT	210.9 FT
SW6	65.3 FT
SW8	34.5 FT
SW7	25.7 FT



1 BLDG #2 - FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

- PLAN NOTES - TYP U.N.O.:**
- CONTRACTOR SHALL VERIFY EXACT DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN PROVIDED BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY EXCEPT WHERE A MAXIMUM OR MINIMUM STRUCTURAL LIMIT HAS BEEN SPECIFIED. ANY DISCREPANCY IN DIMENSIONS SHALL BE RESOLVED IMMEDIATELY BY THE CONTRACTOR THROUGH THE ARCHITECT.
 - FOR CLARITY, DETAILS MAY NOT BE CUT EACH SIDE OR AT RECURRING CONDITIONS, BUT SHALL APPLY AT SIMILAR CONDITIONS INDICATED ON PLAN.
 - WHERE NO DETAIL IS PROVIDED, CONSTRUCTION SHALL CONFORM TO SIMILAR CONDITIONS ON THE PROJECT AS PROVIDED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
 - F1, F2, ETC. - AS SHOWN ON PLAN INDICATE ISOLATED FOOTINGS. SEE SCHEDULE.
 - CF1, CF2, ETC. - AS SHOWN ON PLAN INDICATE CONTINUOUS FOOTINGS. SEE SCHEDULE.
 - MW1, MW2, ETC. - AS SHOWN ON PLAN INDICATE MASONRY WALL. SEE SCHEDULE.
 - ML16, ML24, ETC. - AS SHOWN ON PLAN INDICATE MASONRY LINTEL. SEE SCHEDULE.
 - SC1, SC2, ETC. - AS SHOWN ON PLAN INDICATE STEEL COLUMNS. SEE SCHEDULE.
 - SB1, SB2, ETC. - AS SHOWN ON PLAN INDICATE STEEL BEAMS. SEE SCHEDULE.
 - SSL1, SSL2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD LINTELS. SEE SCHEDULE.
 - SSW1, SSW2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD WALLS. SEE SCHEDULE.
 - SSJ1, SSJ2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD JOISTS. SEE SCHEDULE.
 - MCJ - AS SHOWN ON PLAN INDICATES MASONRY CONTROL JOINT. INSTALL PER TYPICAL DETAIL, G.S.N. AND ARCH'L SPECIFICATIONS.
 - CONC. C.J. - AS SHOWN ON PLAN INDICATES CONCRETE CONTROL JOINT. INSTALL AS SAW CUT JOINT OR CONSTRUCTION JOINT PER TYPICAL DETAIL AND G.S.N.
 - MINIMUM BOTTOM OF FOOTING ELEVATION SHALL BE PER THE FOUNDATION SECTION OF THE G.S.N. AND INDICATED PROJECT GEOTECHNICAL REPORT, AS APPLICABLE. TYPICAL TOP OF FOOTING ELEVATION IS ANTICIPATED TO BE 2'-8" (4 MASONRY COURSES) BELOW FINISHED FLOOR ELEVATION. EXACT BOTTOM OF FOOTING ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO ACCOMMODATE UNDERGROUND UTILITIES OR ADJACENT STRUCTURES AS REQUIRED PER THE GEOTECHNICAL REPORT AND TYPICAL FOUNDATION DETAILS. SHOULD A DISCREPANCY EXIST BETWEEN REQUIREMENTS OF THE STRUCTURAL DRAWINGS AND GEOTECHNICAL REPORT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
 - FINISHED FLOOR ELEVATION PER ARCH'L AND CIVIL DRAWINGS, CONSIDERED AS 0'-0" HEREIN.

- # FOUNDATION PLAN KEY NOTES:**
- BOLLARD AND DRILLED PIER FOUNDATION PER TYPICAL DETAIL WHERE SHOWN PER ARCH'L. INSTALL PIER FOUNDATION THRU SPREAD FOOTING AS OCCURS.
 - 2 1/2" THICK TYPE 316 STAINLESS STEEL GRATING PER G.S.N. OVER RECESSED PIT
 - SLOPE SLAB AS OCCURS PER ARCH'L - TYPICAL. MAINTAIN SLAB THICKNESS
 - 6" CONCRETE SLAB WITH MICROFIBER REINFORCEMENT PER G.S.N. OVER 4" A.B.C. OVER PREPARED SUBGRADE PER GEOTECHNICAL REPORT (ACCEPTABLE FOR MAX 12,000 # EQUIPMENT POINT LOAD OVER 12' SQUARE AREA OR 250 PSF UNIFORM EQUIPMENT LOAD)
 - EXISTING 12" THICK x 18" WIDE CONTINUOUS CONCRETE FOOTING AT EXTERIOR WALL OF EXISTING BUILDING - TYPICAL CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION
 - DEMO NEW OPENING IN EXISTING STEEL STUD BEARING /SHEAR WALL. CONTRACTOR TO SHORE EXISTING WALL AND ROOF FRAMING BEFORE BEGINNING DEMO
 - EXISTING 6" CONCRETE SLAB WITH FIBERMESH OVER 4" A.B.C. FILL (EXISTING ISOLATED EQUIPMENT FOUNDATIONS ARE PRESENT AS OCCURS)
 - EXISTING STEEL STUD WALL WITH 5/8" THICK GYPBOARD OVER 3/8" PLYWOOD SHEATHING OVER 800S162-54 AT 16" O.C. AND (3) STUDS BELOW EACH EXISTING ROOF JOIST
 - CENTER WALL WITH WEIR PER CUT DETAIL. AT CONTRACTOR'S OPTION, ELIMINATE CENTER WALL AND PROVIDE 5" DEEP TYPE 316 STAINLESS STEEL GRATING PER G.S.N.
 - 4" THICK CONCRETE SLAB ON GRADE WITH 6x6-W2.9 W.W.F. CHAired PER TYPICAL DETAIL OVER 15 MIL VAPOR BARRIER PER G.S.N. OVER 4" A.B.C. OVER PREPARED SUBGRADE PER GEOTECHNICAL REPORT.
 - MATCH BOTTOM OF NEW FOOTING TO EXISTING AND PROVIDE #4x20" DOWELS AT 24" O.C. EPOXIED PER G.S.N. WITH 6" EMBEDMENT INTO EXISTING FOOTING. LOCATE DOWELS 3" UP FROM BOTTOM OF EXISTING FOOTING.
 - EXISTING 12" x 16" FOOTING AT EXTERIOR WALL OF EXISTING P.E.M.B. - TYPICAL. CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION.
 - EXISTING 12"x6'-0" SQUARE FOOTING AT EXISTING P.E.M.B. FRAME COLUMN. TYPICAL. CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION.

FFKR ARCHITECTS
730 Pacific Avenue - Salt Lake City, Utah 84104
O 801.521.6186 - FFKR.COM



TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
Project Status - Issue Date

PRELIMINARY
NOT FOR
CONSTRUCTION
OR BIDDING

DATE	REVISION

PROJECT NUMBER	KS - 00
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BLDG #2 -
FOUNDATION
PLAN

STEEL BEAM (SB) SCHEDULE				
NOTES:				
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.				
2. INDICATED CAMBER SHALL BE PROVIDED AT MIDD SPAN OF BEAM. WHERE CAMBER IS NOT INDICATED, INSTALL AS ROLLED CAMBER CROWN UP.				
3. BEAMS SHALL BE INSTALLED LLV U.N.O.				
4. INDICATED BEARING PLATE SHALL BE CONSIDERED MINIMUM SIZE REQUIRED U.N.O. ON PLANS OR DETAILS.				
5. SEE DETAILS FOR REQUIRED WELDED OR BOLTED CONNECTIONS TO SUPPORTS. SEE TYPICAL DETAIL FOR MINIMUM BOLTS AT BEAM TO BEAM CONNECTION. IF NO BOLTS OR WELD ARE SHOWN, PROVIDE A MINIMUM 3/16" FILLET OR FLARE BEVEL WELD ALL AROUND FAYING SURFACES AT POINT OF CONNECTION.				
6. ALL EXPOSED STEEL SHALL BE PROTECTED WITH WATER RESISTANT FINISH ARCH'L.				
7. PROVIDE FIRE RATED FINISH MATERIAL AT BEAM AND CONNECTIONS WHERE REQUIRED PE ARCH'L.				
MARK	SHAPE SB	CAMBER	BEARING PLATE	REMARKS
SB1	W14X22	-	-	-
SB2	W14X34	-	-	-
SB3	C12X20.7	-	-	-
SB4	W18X71	-	-	-
SB5	W24X62	-	-	-
SB6	W24X55	-	-	-
SB7	W18X35	-	-	-

STEEL STUD JOIST (SSJ) SCHEDULE			
NOTES:			
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.			
2. PROVIDE DEEPER JOIST SECTION WHERE REQ'D PER ARCH'L.			
3. BRIDGING IS NOT REQUIRED WHERE JOIST IS FULLY SHEATHED ALONG TOP FLANGE FOR SIMPLE SPAN AND BOTTOM FLANGE FOR CANTILEVER. OTHERWISE, PROVIDE BRIDGING AT MID SPAN U.N.O.			
4. LOCATE WALL STUD DIRECTLY BELOW JOIST. WHERE WALL STUD AND JOIST SPACING DIFFER, ALIGN AT 4'-0" O.C. MAX.			
5. SEE TYPICAL DETAILS AND G.S.N. FOR MORE INFORMATION.			
MARK	JOIST SIZE	JOIST SPACING	REMARK
SSJ1	800S162-43	16" O.C.	MIDSPAN BLOCKING
SSJ2	800S162-54	16" O.C.	MIDSPAN BLOCKING
SSJ3	1000S250-54 BACK TO BACK	16" O.C.	-

STEEL STUD LINTEL (SSL) SCHEDULE					
NOTES:					
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.					
2. ALL LINTELS STUDS SHALL BE DOUBLE STUDS ARRANGED AS A BACK-TO-BACK BEAM PER TYPICAL DETAIL UNLESS NOTED OTHERWISE.					
3. TRACK SHALL MATCH WIDTH OF WALL. INSTALL TO TOP AND BOTTOM OF LINTEL NAD FASTEN TO LINTEL STUDS WITH 2#10 TOP AND 2#10 BOTTOM AT 12" O.C.					
4. TRIMMER (JACKS, BEARING) STUDS ARE PARTIAL HEIGHT AND OCCUR BELOW BOTTOM OF LINTEL BEARING EACH END.					
5. KING STUDS ARE FULL HEIGHT AND RUN PAST THE LINTEL EACH END.					
6. WHERE WEB STIFFENERS ARE INDICATED, INSTALL EACH END OF LINTEL PER TYPICAL DETAILS.					
7. SEE TYPICAL DETAILS FOR LINTEL ASSEMBLY.					
MARK	LINTEL SIZE	TRACK SIZE	TRIMMERS	KINGS	REMARKS
SSL1	600S162-43	800T125-54	1	1	600T154-54 TRACK AT BUILDING 2
SSL2	600S162-43	800T125-54	1	3	-
SSL3	1000S200-68	800T125-54	2	4	-
SSL4	800S162-54	800T125-54	1	2	600T154-54 TRACK AT BUILDING 2
SSL5	800S162-68	800T125-54	2	2	-
SSL6	1000S200-54	800T125-54	2	5	600T125-54 TRACK AT INTERIOR SLIDING DOOR
SSL7	1200S300-68	800T125-68	2	4	-
SSL8	1200S200-97	800T125-68	4	2	-
SSL9	1400S200-97	800T125-97	4	3	-
SSL10	1600S300-97	800T125-97	3	3	-
SSL11	1600S200-97 BOXED	800T125-97	4	8	PROVIDE WEB STIFFENERS
SSL12	HSS12x6x1/2	800T125-54	COLUMN	COLUMN	-

PLAN NOTES - TYP U.N.O.:

- CONTRACTOR SHALL VERIFY EXACT DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN PROVIDED BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY EXCEPT WHERE A MAXIMUM OR MINIMUM STRUCTURAL LIMIT HAS BEEN SPECIFIED. ANY DISCREPANCY IN DIMENSIONS SHALL BE RESOLVED IMMEDIATELY BY THE CONTRACTOR THROUGH THE ARCHITECT.
- FOR CLARITY, DETAILS MAY NOT BE CUT EACH SIDE OR AT RECURRING CONDITIONS, BUT SHALL APPLY AT SIMILAR CONDITIONS INDICATED ON PLAN.
- WHERE NO DETAIL IS PROVIDED, CONSTRUCTION SHALL CONFORM TO SIMILAR CONDITIONS ON THE PROJECT AS PROVIDED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
- F1, F2, ETC. - AS SHOWN ON PLAN INDICATE ISOLATED FOOTINGS. SEE SCHEDULE.
- CF1, CF2, ETC. - AS SHOWN ON PLAN INDICATE CONTINUOUS FOOTINGS. SEE SCHEDULE.
- MW1, MW2, ETC. - AS SHOWN ON PLAN INDICATE MASONRY WALL. SEE SCHEDULE.
- ML16, ML24, ETC. - AS SHOWN ON PLAN INDICATE MASONRY LINTEL. SEE SCHEDULE.
- SC1, SC2, ETC. - AS SHOWN ON PLAN INDICATE STEEL COLUMNS. SEE SCHEDULE.
- SB1, SB2, ETC. - AS SHOWN ON PLAN INDICATE STEEL BEAMS. SEE SCHEDULE.
- SSL1, SSL2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD LINTELS. SEE SCHEDULE.
- SSJ1, SSJ2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD JOISTS. SEE SCHEDULE.
- MCJ - AS SHOWN ON PLAN INDICATES MASONRY CONTROL JOINT. INSTALL PER TYPICAL DETAIL, G.S.N. AND ARCH'L SPECIFICATIONS.
- CONC. C.J. - AS SHOWN ON PLAN INDICATES CONCRETE CONTROL JOINT. INSTALL AS SAW CUT JOINT OR CONSTRUCTION JOINT PER TYPICAL DETAIL AND G.S.N.
- MINIMUM BOTTOM OF FOOTING ELEVATION SHALL BE PER THE FOUNDATION SECTION OF THE G.S.N. AND INDICATED PROJECT GEOTECHNICAL REPORT, AS APPLICABLE. TYPICAL TOP OF FOOTING ELEVATION IS ANTICIPATED TO BE 2'-8" (4 MASONRY COURSES) BELOW FINISHED FLOOR ELEVATION. EXACT BOTTOM OF FOOTING ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO ACCOMMODATE UNDERGROUND UTILITIES OR ADJACENT STRUCTURES AS REQUIRED PER THE GEOTECHNICAL REPORT AND TYPICAL FOUNDATION DETAILS. SHOULD A DISCREPANCY EXIST BETWEEN REQUIREMENTS OF THE STRUCTURAL DRAWINGS AND GEOTECHNICAL REPORT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- FINISHED FLOOR ELEVATION PER ARCH'L AND CIVIL DRAWINGS, CONSIDERED AS 0'-0" HEREIN.

FRAMING KEY NOTES:

- WOOD FLOOR SHEATHING PER G.S.N.
- STEEL ROOF DECK PER G.S.N.
- EXISTING LINTEL FRAMING AND OPENING TO REMAIN
- SSL2 LINTEL AT EACH HIGH OPENING BETWEEN BEAMS ALONG GRIDLINE 4

2

BLDG #2 - ROOF PLAN

SCALE: 3/16" = 1'-0"

- SSJ1 Joist @16" C/C
- SSJ2 @16" C/C
- SSL6
- SSL1
- SSL2
- SB2
- SB1

- 1220.5 SQ FT
- 1273.2 SQ FT
- 10.0 FT
- 13.9 FT
- 8.3 FT
- 31.1 FT
- 41.1 FT

TRIAX INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226

Project Status - Issue Date

PRELIMINARY
NOT FOR
CONSTRUCTION
OR BIDDING

DATE REVISION

PROJECT NUMBER KS-00

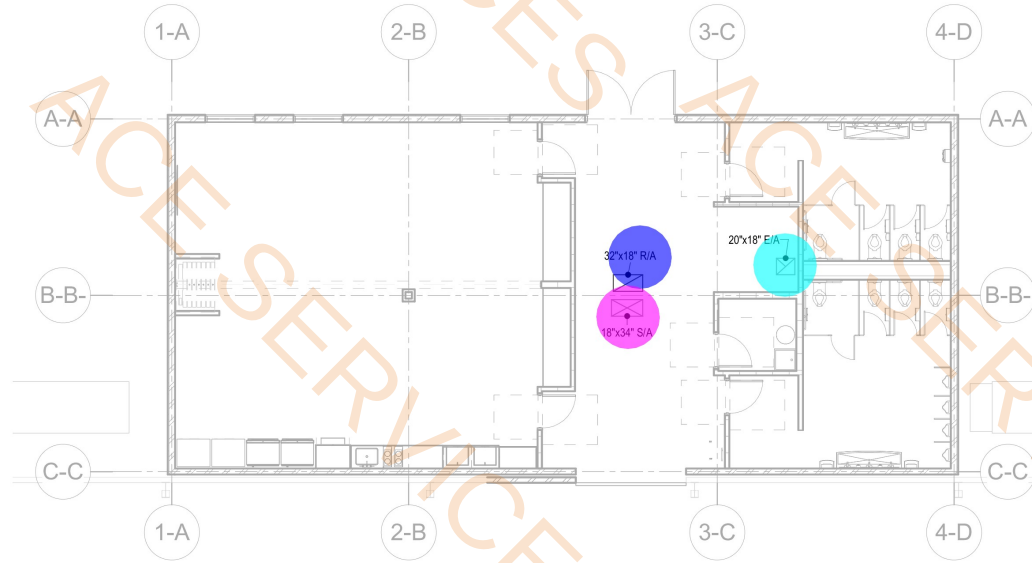
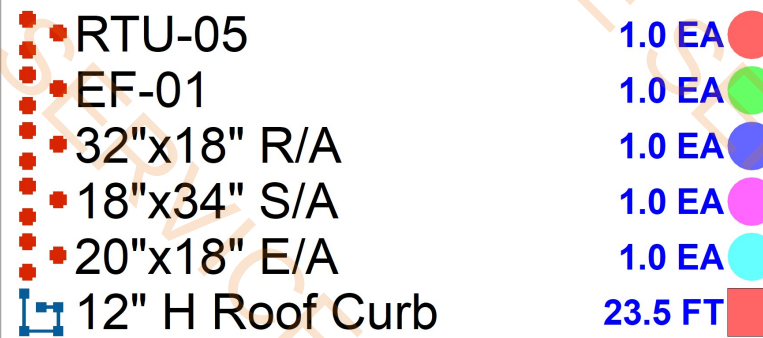
BLDG #2 -
ROOF PLAN

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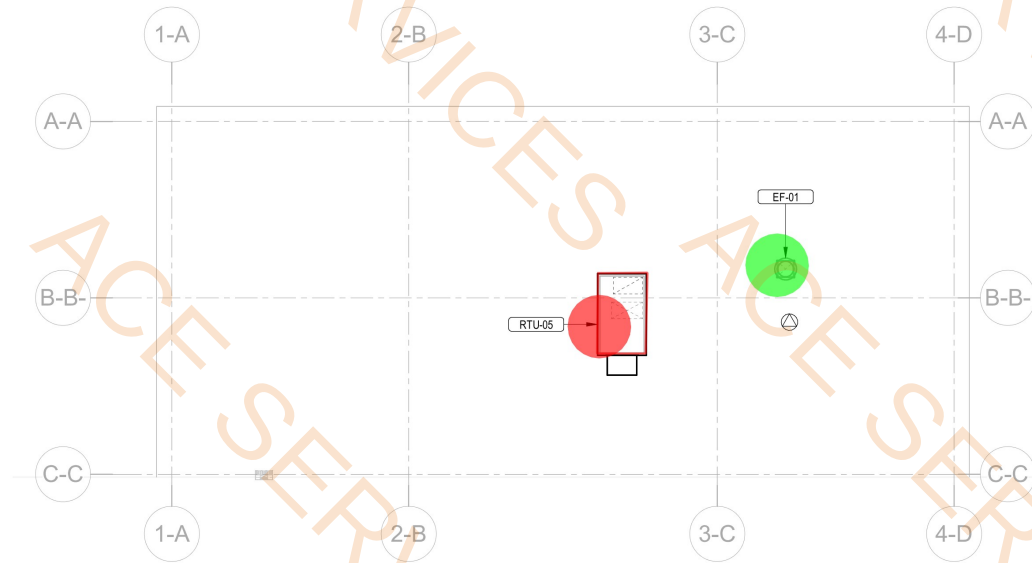
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1 BUILDING #2 MECHANICAL PLAN
M1.3 1/8" = 1'-0"



2 BUILDING #2 MECHANICAL ROOF PLAN
M1.3 1/8" = 1'-0"

REFERENCE NOTES

FFKR ARCHITECTS
58 S River Drive, Suite 380, Tempe, AZ 85288

**CM ASSOCIATES
ENGINEERS**
MECHANICAL ■ ELECTRICAL
FIRE PROTECTION

06 E. BELL RD. SUITE 215
PHOENIX, ARIZONA, 85022
INFO@CMMEP.COM
(602) 899-2512
www.CMMEP.com

PROJECT No. 24082

TRIAX INDUSTRIES EXPANSION

6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
65% COORDINATION - 09/05/2025

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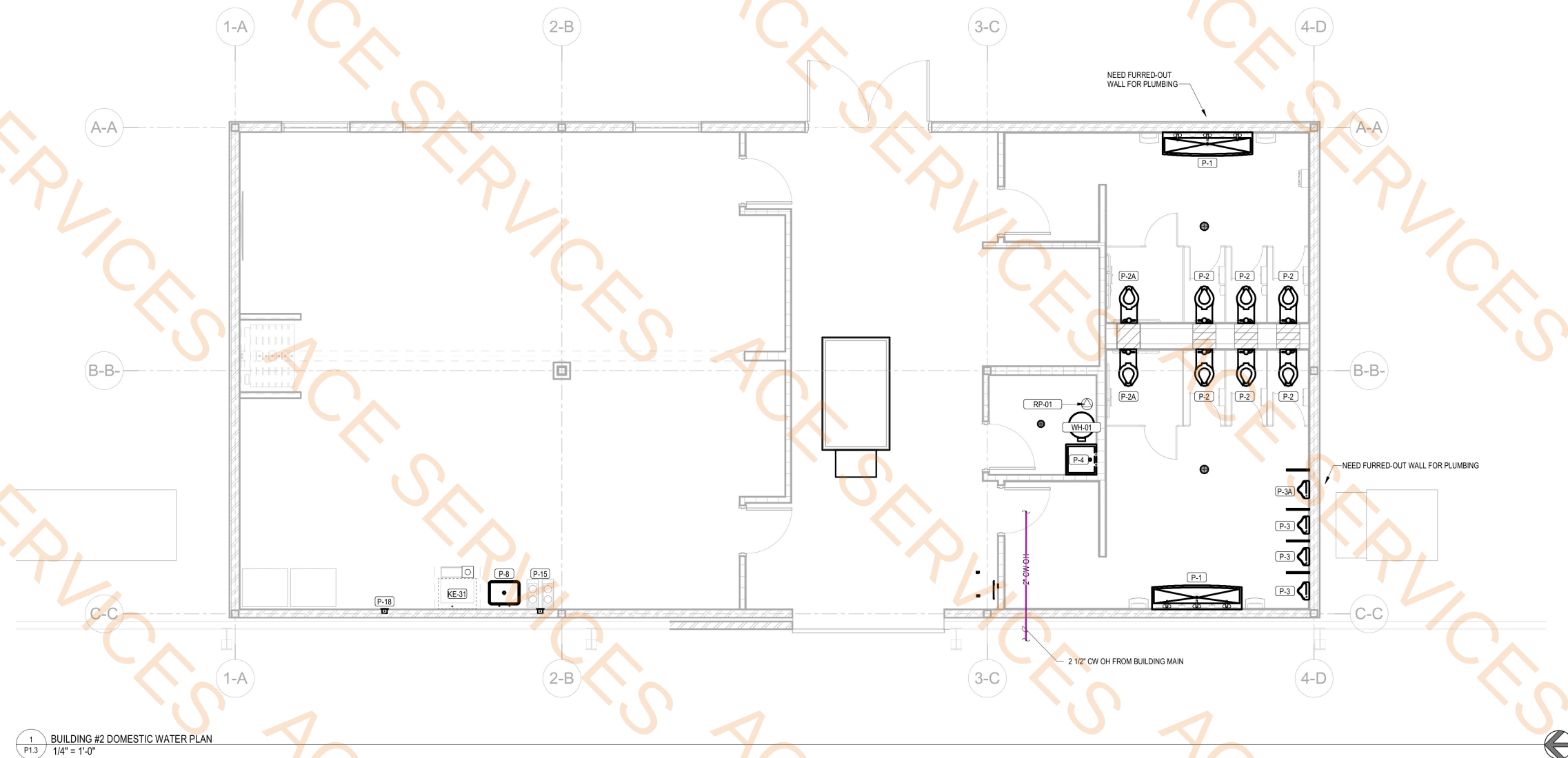
DATE	REVISION

PROJECT NUMBER 24082

BUILDING 2 MECHANICAL PLANS

11.3

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REFERENCE NOTES

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58 S River Drive, Suite 390, Tempe, AZ 85288
480.362.1361 FFKR.COM

CM ASSOCIATES
ENGINEERS
706 E. BELL RD., SUITE 215
PHOENIX, ARIZONA, 85022
INFO@CMMEP.COM
(602) 899-2512
www.CMMEP.com
PROJECT No. 24082

TRIAx INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
65% COORDINATION - 09/05/2025

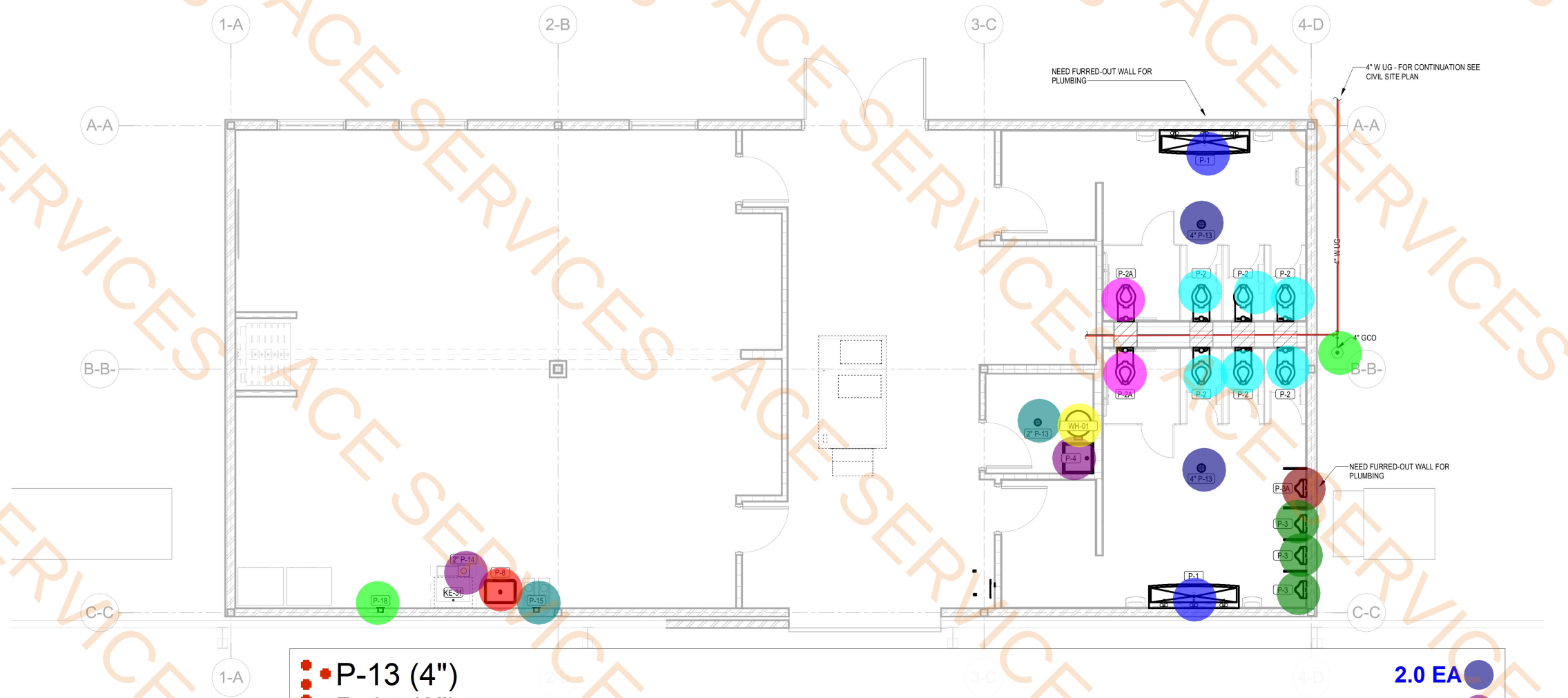
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PROJECT NUMBER 24082

**BUILDING
#2
DOMESTIC
WATER
PLAN**

P1.3

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1
P1.4
BUILDING #2 WASTE AND VENT PLAN
1/4" = 1'-0"

- P-13 (4")
- P-14 (2")
- P-13 (2")
- 4" Sanitary Waste UG Pipe
- 4" GCO (Ground Clean Out)
- P-2
- P-2A
- P-1
- P-3A
- P-3
- WH-01
- P-4
- P-8
- P-15
- P-18

- 2.0 EA
- 1.0 EA
- 1.0 EA
- 32.0 FT
- 1.0 EA
- 6.0 EA
- 2.0 EA
- 2.0 EA
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REFERENCE NOTES

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58 S River Drive, Suite 390, Tempe, AZ 85288
480.362.1361 FFKR.COM

CM ASSOCIATES ENGINEERS
706 E. BELL RD., SUITE 215
PHOENIX, ARIZONA, 85022
INFO@CMMEP.COM
(602) 899-2512
www.CMMEP.com
PROJECT No. 24082

TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
65% COORDINATION - 09/05/2025

△ DATE REVISION

PROJECT NUMBER 24082

BUILDING #2 WASTE AND VENT PLAN

P1.4



COMcheck Software Version 4.1.5.5 Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: Addition
Project Type: Addition

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Manufacturing Facility	2348	0.90	2113
Total Allowed Watts = 2113			

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Manufacturing Facility				
LED 1: A: 2x4 led luminous panel: Other:	1	13	32	416
LED 2: B4: 4' led linear updown: Other:	1	1	15	15
LED 3: B8: 8' led linear updown: Other:	1	2	32	64
LED 4: C4: 4' recessed led: Other:	1	2	15	30
LED 5: C8: 8' recessed led: Other:	1	5	15	75
Total Proposed Watts = 601				

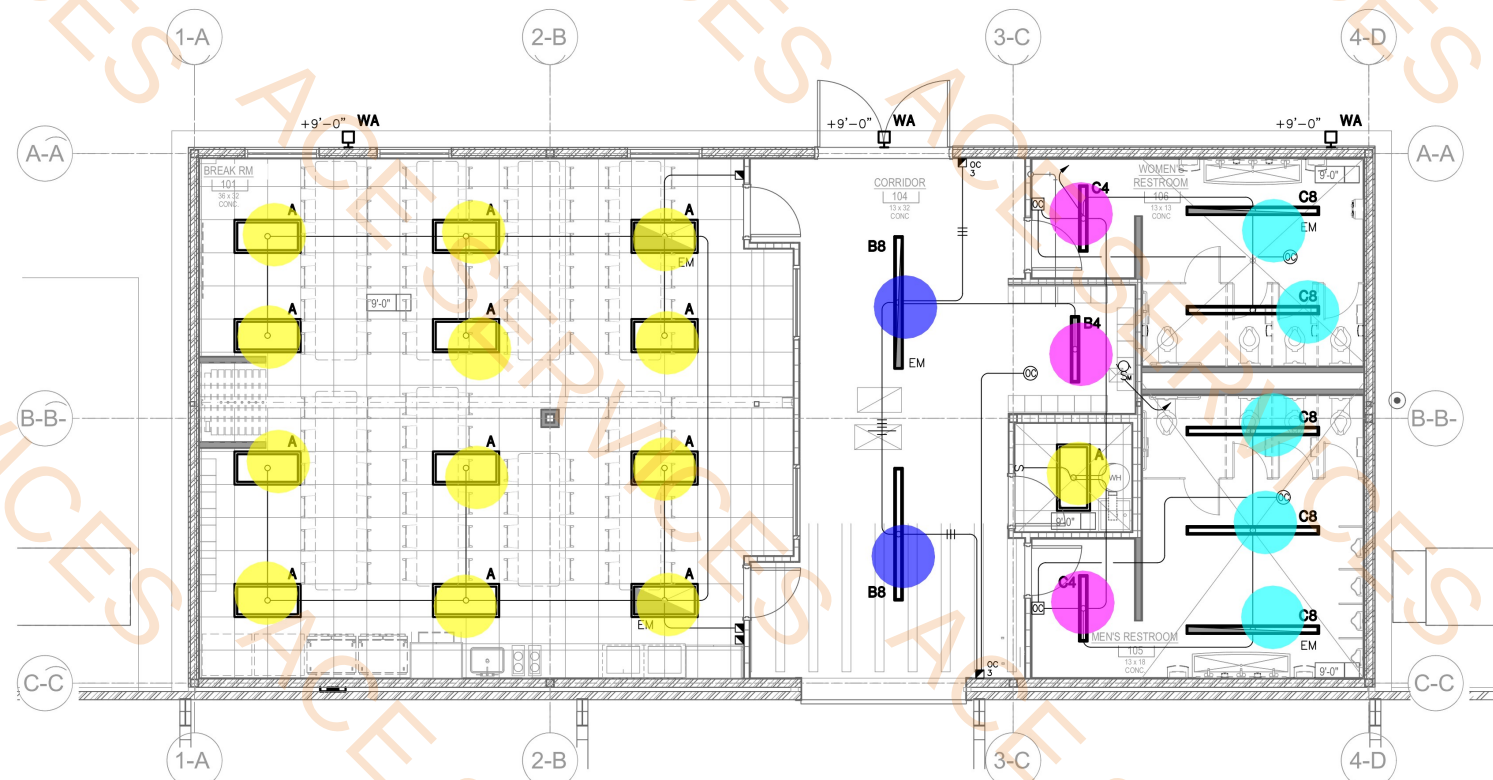
Interior Lighting PASSES: Design 72% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

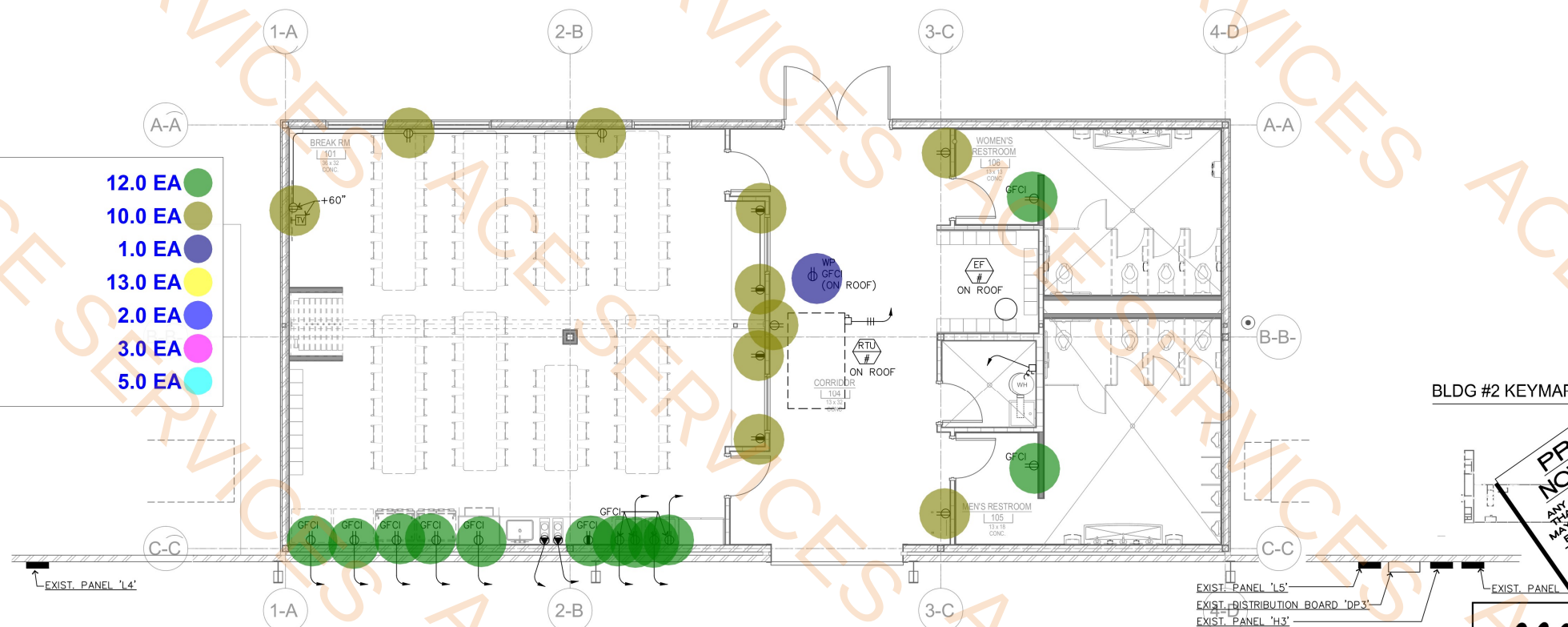
Name - Title: Signature: Date:

Project Title: Report date: 09/05/25
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2 BLDG #2 - LIGHTING PLAN
SCALE: 3/16" = 1'-0"

- GFCI Duplex Receptacle 12.0 EA
- Duplex Receptacle 10.0 EA
- WP GFCI Recptacle 1.0 EA
- Light Fixture A 13.0 EA
- Light Fixture B8 2.0 EA
- Light Fixture C4 3.0 EA
- Light Fixture C8 5.0 EA



1 BLDG #2 - POWER PLAN
SCALE: 3/16" = 1'-0"

BLDG #2 KEYMAP

**PROGRESS PRINTS
NOT FOR CONSTRUCTION**
ANY PARTY USING THIS PROJECT SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE INFORMATION SHOWN HEREON. THE USER OF THESE DRAWINGS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE PROTECTION OF THE PROJECT. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER.

mw engineering, llc
Electrical Consulting Engineering Group
Job No. 25154
David Watson, P.E.
dave@mwgroup.com
480.731.5050 | 480.731.5353
2001 W Alameda Drive, Suite 102 Tempe, AZ 85282

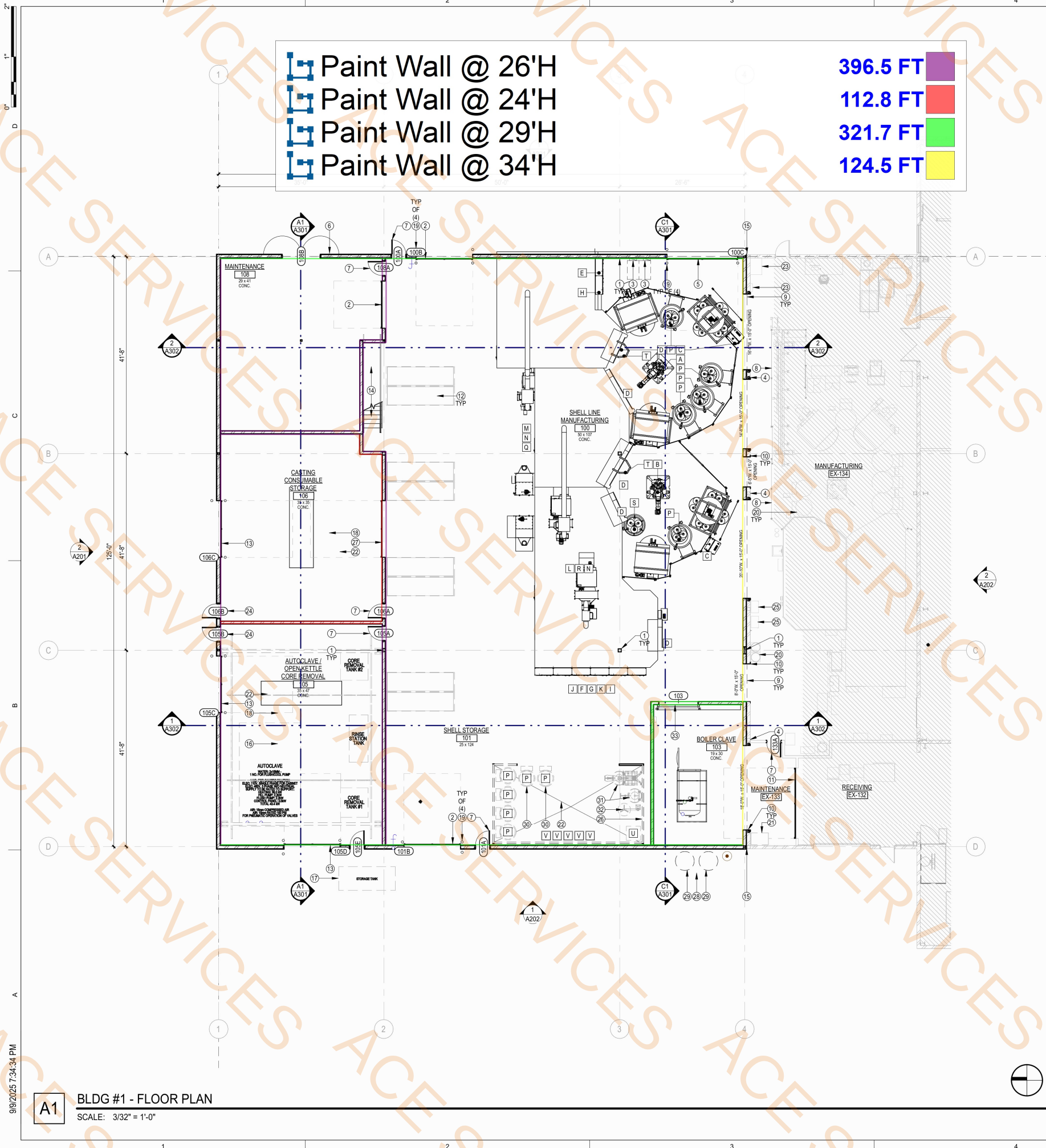
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TRIAX INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

PROJECT NUMBER: 25039
BLDG #2 -
POWER &
LIGHTING PLAN

E201



EQUIPMENT LIST

A	ROBOT ARM	QTY: 1
	AIR: 170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)	
B	ROBOT ARM: BACK-UP	QTY: 1
	AIR: 170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)	
C	ROBOT CONTROLLER & SHELL MANAGEMENT	QTY: 2
	ELEC: 480V 60Hz 3PH - 13.0 A F.L.C. / 2.3 A TYP. R.C.	
D	DOOR CONTROL	QTY: 5
	ELEC: 110V 60Hz 1PH - 10.0 A F.L.C. / 4.5 A TYP. R.C.	
E	DRYING CONVEYOR SYSTEM CONTROL: PRIME	QTY: 1
	ELEC: 480V 60Hz 3PH - 26.9 A F.L.C. / 21.2 A TYP. R.C.	
F	DRYING CONVEYOR SYSTEM CONTROL: BACK-UP	QTY: 1
	ELEC: 480V 60Hz 3PH - 41.3 A F.L.C. / 34.4 A TYP. R.C.	
G	DRYING CONVEYOR SYSTEM CONTROL: FINAL	QTY: 1
	ELEC: 480V 60Hz 3PH - 31.7 A F.L.C. / 25.6 A TYP. R.C.	
H	CELL CONTROL: PRIME	QTY: 1
	ELEC: 480V 60Hz 3PH - 55.4 A F.L.C. / 17.4 A TYP. R.C.	
I	CELL CONTROL: BACK-UP	QTY: 1
	ELEC: 480V 60Hz 3PH - 17.9 A F.L.C. / 12.3 A TYP. R.C.	
J	ENVIRONMENTAL CONTROL: PRIME & BACK-UP	QTY: 1
	ELEC: 480V 60Hz 3PH - 31.4 A F.L.C. / 19.6 A TYP. R.C.	
K	ENVIRONMENTAL CONTROL: FINAL DRY	QTY: 1
	ELEC: 480V 60Hz 3PH - 15.7 A F.L.C. / 9.8 A TYP. R.C.	
L	DEHUMIDIFIER (MX60): PRIME & BACK-UP	QTY: 2
	ELEC: 480V 60Hz 3PH - 88.0 A F.L.C. / 78.0 A TYP. R.C.	
	DUCT: ALL DUCTING, Ø 250mm. (Ø 10") MIN.	
	WET AIR OUTLET:	
	AIRFLOW: 1,165 FT ³ / MIN. (1,980 M ³ / HR)	
	TEMP: 110°F (43°C)	
	WATER: 0.48 OZ / LB (30G / KG)	
	EXHAUST: DUCT SHOULD INCORPORATE A 1" WATER DRAIN AT THE LOWEST POINT	
	REACTIVATION AIR INLET:	
	THE REACTIVATION AIR MUST BE CLEAN	
M	DEHUMIDIFIER (MX30)	QTY: 1
	ELEC: 480V 60Hz 3PH - 44.0 A F.L.C. / 35.0 A TYP. R.C.	
	DUCT: ALL DUCTING, Ø 250mm. (Ø 10") MIN.	
	WET AIR OUTLET:	
	AIRFLOW: 529 FT ³ / MIN. (900 M ³ / HR)	
	TEMP: 110°F (43°C)	
	WATER: 0.48 OZ / LB (30G / KG)	
	EXHAUST: DUCT SHOULD INCORPORATE A 1" WATER DRAIN AT THE LOWEST POINT	
	REACTIVATION AIR INLET:	
	THE REACTIVATION AIR MUST BE CLEAN	
N	HUMIDIFIER: 10KG / HR	QTY: 3
	WTR: UP TO 1.1 LITER / MIN. (0.24 IMP. GAL. / MIN.), 1 TO 8 BAR (14.5 TO 116 PSI) PRESSURE.	
	THE SUPPLIED DEMATERIALIZED WATER MUST HAVE THE FOLLOWING CHARACTERISTICS:	
	CHLORINE CONTENT LESS THAN 50MG/L, HARDNESS NOT GREATER THAN 40°F (EQUAL TO 400PPM AS CaCO ₃) TEMPERATURE BETWEEN 1°-50°C (34°-122°F) LOW CHLORINE CONTENT, PHOSPHATE CONTENT LESS THAN 5MG / L, LOW CO ₂ CONTENT, ABSENCE OF ORGANIC COMPOUNDS - AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT	
	DRAIN: UP TO 24.3 LTR/MIN (5.3 IMP. GAL./MIN., 6.4 U.S. GAL./MIN.) WATER DRAIN, MINIMUM Ø 40MM (Ø 1.6") COPPER TUBE (WATER MAY EXIT HUMIDIFIER AT UP TO 100°C (212°F))	
O	DUCT ISOLATION VALVE CONTROL (DUST EXTRACTION)	QTY: 1
	ELEC: 480V 60Hz 3PH - 6.0 A F.L.C. / 6.0 A TYP. R.C.	
P	SLURRY TANK	QTY: 9
	WTR: CHILLED - PADDLE COOLING IF REQUIRED	
	UP TO 270 LTR / HR (60 IMP. GAL. / HR, 71 U.S. GAL. / HR), INPUT TEMPERATURE 6°C (43°F)	
	TO BE FITTED WITH A "FINE CONTROL VALVE" (CUSTOMER SUPPLIED)	
	AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT	
	FEMALE COUPLING 3/8 BSP ON MIXING BLADE	
	ELEC: 480V	
Q	POST COOLER: MX30	QTY: 1
	WTR: CHILLED - UP TO 4720 LTR / HR (1040 IMP. GAL. / HR, 1248 U.S. GAL. / HR.), BASEDONAN ESTIMATED GLYCOLLEVELUP TO 107% (PROTECTS AGAINST OUTSIDE TEMPERATURES OF ABOUT-10	
	INPUT TEMPERATURE 6°C (43°F) OUTPUT TEMPERATURE 2°C (34°F)	
	AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT	
R	POST COOLER: MX60	QTY: 2
	WTR: CHILLED - UP TO 9487 LTR / HR (2092 IMP. GAL. / HR, 2512 U.S. GAL. / HR.), BASEDONAN ESTIMATED GLYCOLLEVELUP TO 107% (PROTECTS AGAINST OUTSIDE TEMPERATURES OF ABOUT-10	
	INPUT TEMPERATURE 6°C (43°F) OUTPUT TEMPERATURE 2°C (34°F)	
	AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT	
S	AIR BLAST	QTY: 1
	AIR: 170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)	
T	SHELL WEIGHING CONTROL (SINGLE)	QTY: 2
	ELEC: 480V 60Hz 3PH - 5.2 A F.L.C. / 2.6 A TYP. R.C.	
U	DEPLATE UNIT	QTY: 1
	ELEC: 480V	
V	DUST MITIGATION MOTOR	QTY: 5
	ELEC: 480V	
	AIR: YES	

FLP - KEYNOTES

- STRUCTURAL STEEL I-BEAM COLUMN
- 12'-0" W. x 14'-0" H. INSULATED OVERHEAD SECTIONAL ROLL-UP DOOR TO MATCH EXISTING
- RELOCATED ELECTRICAL PANEL
- EXISTING STRUCTURAL COLUMN TO REMAIN
- 15'-0" W. x 15'-0" H. INSULATED EXTERIOR COILING ROLL-UP DOOR
- DOUBLE 4'-0" x 7'-0" HOLLOW METAL DOOR WITH 180-DEGREE HINGES TO MATCH EXISTING
- SINGLE 3'-0" x 7'-0" HOLLOW METAL INSULATED DOOR TO MATCH EXISTING
- EXISTING CHAINLINK FENCE TO REMAIN
- ALUMINUM EXPANSION FLOOR PLATE, NYSTROM DT (OR SIMILAR)
- INTERIOR ALUMINUM PLATE BUILDING EXPANSION JOINT, NYSTROM WJ (OR SIMILAR)
- 15'-0" W. x 15'-0" H. OVERHEAD COILING ROLL-UP DOOR
- STORAGE RACKING (N.I.C.) - NOT TO EXCEED 12'-0" IN HEIGHT, T.B.D. BY LOCAL CODE
- 12'-0" W. x 15'-0" H. EXTERIOR COILING ROLL-UP DOOR TO MATCH EXISTING
- STEEL STAIRCASE WITH TUBE STEEL ADA HANDRAIL
- BUILDING EXPANSION JOINT, NYSTROM EJM-ESU (OR SIMILAR)
- GANTRY CRANE (N.I.C.)
- 880-GALLON UNDERGROUND EMERGENCY DRAIN TANK - COORDINATE WITH PLUMBING DRAWINGS AND MANUFACTURER'S SPECIFICATIONS
- 10'-0" TRENCH DRAIN - SLOPE SLAB AS REQUIRED
- 6" DIA. x 48" H. STEEL PIPE BOLLARD MOUNTED TOP OF SLAB
- EXISTING MANUFACTURING EQUIPMENT TO REMAIN
- EXISTING MECHANICAL EQUIPMENT TO REMAIN
- SLOPE CONCRETE SLAB AS REQUIRED FOR DRAINAGE
- EXISTING ELECTRICAL PANEL TO REMAIN
- SINGLE 3'-0" x 7'-0" HOLLOW METAL DOOR TO MATCH EXISTING
- EXISTING LIQUIDS STORAGE CABINET TO REMAIN
- PRE-FAB MODULAR MANUFACTURING STRUCTURE
- 12'-0" W. x 15'-0" H. INSULATED COILING ROLL-UP DOOR
- 4" CONCRETE PAD
- WAX CATCH TANK
- RELOCATED SLURRY TANKS & DISCONNECTS, G.C. TO PROVIDE AND INSTALL 480V POWER - COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RELOCATED HIGH SHEAR TELESCOPIC MIXER, CRUCIBLE CART AND ELECTRICAL DISCONNECT, G.C. TO PROVIDE AND INSTALL 480V POWER - COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RELOCATED MDP2 CRANE HOIST AND SCALE - G.C. TO PROVIDE AND INSTALL 120V FOUR-PLEX ELECTRICAL OUTLET NEAR EQUIPMENT - COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RAPID SLIDE OPEN DOOR SYSTEM; RYTEC DOORS, SINGLE, HIGH-PERFORMANCE TURBO-SLIDE - SEE ELECTRICAL DRAWINGS

LEGEND

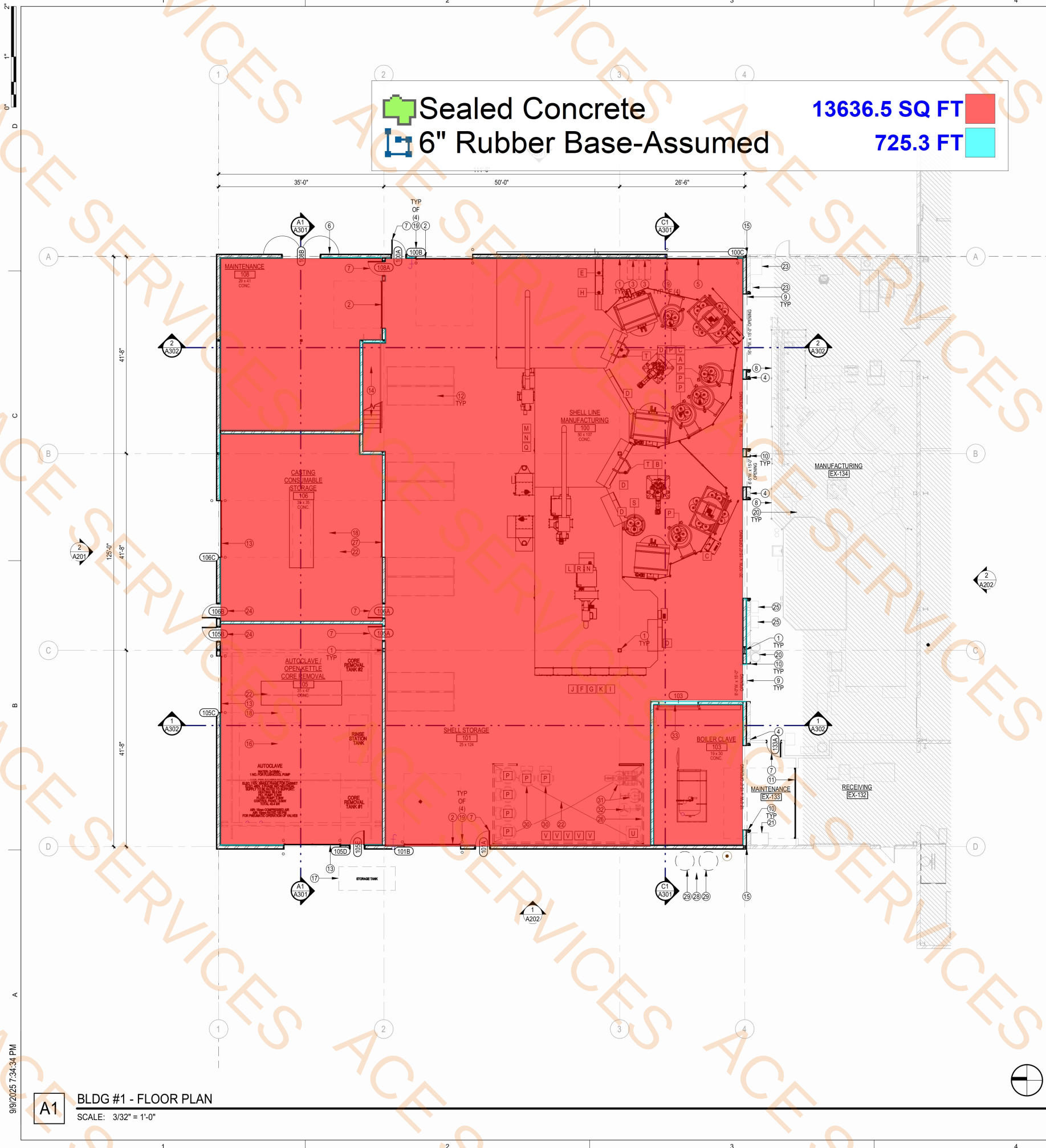
- EXISTING ADJACENT BUILDING/AREA NOT IN SCOPE OF WORK
- EXTERIOR WALL: EXISTING EXTERIOR STEEL FRAMED SHEAR WALL AND FURRING SYSTEM WHERE OCCURS - PATCH AND REPAIR AS REQUIRED DUE TO CONSTRUCTION CHARACTERISTICS
- EXTERIOR STEEL FRAMED SHEAR WALL: PAINTED CORRUGATED METAL SIDING OVER 8" METAL STUDS AT 16" O.C. AND DIAGONAL CROSS BRACING, R-19 RIGID INSULATION AND 5/8" TYPE 'X' GYPSUM BOARD
- INTERIOR FULL HEIGHT PARTITION: 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OVER 6" METAL STUDS AT 16" O.C. WITH R-19 BATT INSULATION FULL HEIGHT TO UNDERSIDE OF DECK
- INTERIOR PARTITION: 5/8" TYPE BOARD EACH SIDE OVER 3/8" METAL STUDS AT 16" O.C. WITH R-11 BATT INSULATION TO UNDERSIDE OF DECK

FLP - GENERAL NOTES

- ANGLES ARE 45 DEGREES AND 90 DEGREES - UNLESS NOTED OTHERWISE
- ALL ELEVATIONS ARE FROM DATUM ELEVATION 0'-0".
- ALL EQUIPMENT, FURNITURE & MILLWORK MUST MEET ALL CLEARANCES & REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER.
- PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT A DOOR THRESHOLD. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2.
- CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID & AGAIN PRIOR TO ELECTRICAL ROUGH IN.
- GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE ANY AND ALL EQUIPMENT SECTION.
- ALL CONDENSATE LINES OR CONDUIT IS TO BE CONCEALED WITHIN WALL CAVITIES - NO EXPOSED PIPES OR CONDUIT WILL BE ACCEPTED UNLESS APPROVED IN WRITINGS BY THE OWNER.
- ALL WALLS ARE TO BE METAL CONSTRUCTION UNLESS NOTED OTHERWISE
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF SLAB AND INSIDE FACE OF STUD PLATE
- CONTRACTOR TO COORDINATE WITH OWNER FOR ALL LOW VOLTAGE SYSTEMS AND REQUIRED CONDUIT PLACEMENT PRIOR TO POURING CONCRETE.
- COLUMNS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL COLUMN LOCATIONS, TYPE AND SIZE.
- ALL NEW DOORS SHALL HAVE A.D.A. COMPLIANT HARDWARE.
- ALL FINISHES SHALL COMPLY WITH I.B.C. CHAPTER 6 AND HAVE A MINIMUM CLASS 'C' RATING.
- PATCH, REPAIR, AND CLEAN CONCRETE FLOOR; REMOVE ALL RESIDUE - PREPARE FOR NEW FINISHES.
- ALL WALLS SHALL BE FINISHED LEVEL 4 SMOOTH AND PAINTED.
- PROVIDE AND INSTALL ALL FINISHES INCLUDING BUT NOT LIMITED TO: PAINT, CARPET, VINYL COMPOSITE TILE, BASE, PAINT, ETC...
 - A. CPT = CARPET
 - B. LVT = LUXURY VINYL TILE
 - C. CONC. = SEALED CONCRETE
- EXPOSED CONCRETE AREAS SHALL BE CLEANED UPON COMPLETION OF CONSTRUCTION
- PROVIDE AND INSTALL MECHO SHADES AT ALL EXTERIOR WINDOWS.
- PER I.B.C. 2509: PROVIDE AND INSTALL WATER RESISTANT GYPSUM BOARD AT ALL WET AREAS.
- ALL LIGHT SWITCHES ARE TO BE MOTION SENSOR TYPE - SEE ELECTRICAL DRAWINGS
- OWNER IS RESPONSIBLE TO PREPARE PLANS, SUBMIT AND OBTAIN ALL REQUIRED CITY PERMITS AND APPROVALS FOR ANY HIGH PILE STORAGE

BLDG #1 KEYMAP





EQUIPMENT LIST

A	ROBOT ARM
QTY:	1
AIR:	170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)
B	ROBOT ARM: BACK-UP
QTY:	1
AIR:	170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)
C	ROBOT CONTROLLER & SHELL MANAGEMENT
QTY:	2
ELEC:	480V 60Hz 3PH - 13.0 A F.L.C. / 2.3 A TYP. R.C.
D	DOOR CONTROL
QTY:	5
ELEC:	110V 60Hz 1PH - 10.0 A F.L.C. / 4.5 A TYP. R.C.
E	DRYING CONVEYOR SYSTEM CONTROL: PRIME
QTY:	1
ELEC:	480V 60Hz 3PH - 26.9 A F.L.C. / 21.2 A TYP. R.C.
F	DRYING CONVEYOR SYSTEM CONTROL: BACK-UP
QTY:	1
ELEC:	480V 60Hz 3PH - 41.3 A F.L.C. / 34.4 A TYP. R.C.
G	DRYING CONVEYOR SYSTEM CONTROL: FINAL
QTY:	1
ELEC:	480V 60Hz 3PH - 31.7 A F.L.C. / 25.6 A TYP. R.C.
H	CELL CONTROL: PRIME
QTY:	1
ELEC:	480V 60Hz 3PH - 55.4 A F.L.C. / 17.4 A TYP. R.C.
I	CELL CONTROL: BACK-UP
QTY:	1
ELEC:	480V 60Hz 3PH - 17.9 A F.L.C. / 12.3 A TYP. R.C.
J	ENVIRONMENTAL CONTROL: PRIME & BACK-UP
QTY:	1
ELEC:	480V 60Hz 3PH - 31.4 A F.L.C. / 19.6 A TYP. R.C.
K	ENVIRONMENTAL CONTROL: FINAL DRY
QTY:	1
ELEC:	480V 60Hz 3PH - 15.7 A F.L.C. / 9.8 A TYP. R.C.
L	DEHUMIDIFIER (MX60): PRIME & BACK-UP
QTY:	2
ELEC:	480V 60Hz 3PH - 88.0 A F.L.C. / 78.0 A TYP. R.C.
DUCT:	ALL DUCTING, Ø250mm. (Ø10") MIN.
WET AIR OUTLET:	AIRFLOW: 1,165 FT ³ / MIN. (1,980 M ³ / HR) TEMP: 110°F (43°C) WATER: 0.48 OZ / LB (30G / KG) EXHAUST: DUCT SHOULD INCORPORATE A 1" WATER DRAIN AT THE LOWEST POINT
REACTIVATION AIR INLET:	THE REACTIVATION AIR MUST BE CLEAN
M	DEHUMIDIFIER (MX30)
QTY:	1
ELEC:	480V 60Hz 3PH - 44.0 A F.L.C. / 35.0 A TYP. R.C.
DUCT:	ALL DUCTING, Ø250mm. (Ø10") MIN.
WET AIR OUTLET:	AIRFLOW: 529 FT ³ / MIN. (900 M ³ / HR) TEMP: 110°F (43°C) WATER: 0.48 OZ / LB (30G / KG) EXHAUST: DUCT SHOULD INCORPORATE A 1" WATER DRAIN AT THE LOWEST POINT
REACTIVATION AIR INLET:	THE REACTIVATION AIR MUST BE CLEAN

N	HUMIDIFIER: 10KG / HR
QTY:	3
WTR:	UP TO 1.1 LITER / MIN. (0.24 IMP. GAL. / MIN.), 1 TO 6 BAR (14.5 TO 116 PSI) PRESSURE.
	THE SUPPLIED DEMATERIALIZED WATER MUST HAVE THE FOLLOWING CHARACTERISTICS: CHLORINE CONTENT LESS THAN 50MG/L, HARDNESS NOT GREATER THAN 40°F (EQUAL TO 400PPM AS CaCO ₃) TEMPERATURE BETWEEN 1°-50°C (34°-122°F) LOW CHLORINE CONTENT, PHOSPHATE CONTENT LESS THAN 5MG / L, LOW CO ₂ CONTENT, ABSENCE OF ORGANIC COMPOUNDS - AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT
DRAIN:	UP TO 24.3 LTR/MIN (5.3 IMP. GAL./MIN., 6.4 U.S. GAL./MIN.) WATER DRAIN, MINIMUM Ø 40MM (Ø1 5/8") COPPER TUBE (WATER MAY EXIT HUMIDIFIER AT UP TO 100°C (212°F))
O	DUCT ISOLATION VALVE CONTROL (DUST EXTRACTION)
QTY:	1
ELEC:	480V 60Hz 3PH - 6.0 A F.L.C. / 6.0 A TYP. R.C.
P	SLURRY TANK
QTY:	9
WTR:	CHILLED - PADDLE COOLING IF REQUIRED UP TO 270 LTR / HR (60 IMP. GAL. / HR, 71 U.S. GAL. / HR), INPUT TEMPERATURE 6°C (43°F) TO BE FITTED WITH A 'FINE CONTROL VALVE' (CUSTOMER SUPPLIED) AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT FEMALE COUPLING 3/8 BSP ON MIXING BLADE
ELEC:	480V
Q	POST COOLER: MX30
QTY:	1
WTR:	CHILLED - UP TO 4720 LTR / HR (1040 IMP. GAL. / HR, 1249 U.S. GAL. / HR), BASED ON ESTIMATED GLYCOL LEVEL UP TO 107% (PROTECTS AGAINST OUTSIDE TEMPERATURES OF ABOUT -10 INPUT TEMPERATURE 6°C (43°F) OUTPUT TEMPERATURE 2°C (34°F) AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT
R	POST COOLER: MX60
QTY:	2
WTR:	CHILLED - UP TO 9487 LTR / HR (2092 IMP. GAL. / HR, 2512 U.S. GAL. / HR), BASED ON ESTIMATED GLYCOL LEVEL UP TO 107% (PROTECTS AGAINST OUTSIDE TEMPERATURES OF ABOUT -10 INPUT TEMPERATURE 6°C (43°F) OUTPUT TEMPERATURE 2°C (34°F) AN ADDITIONAL SHUT OFF VALVE IS RECOMMENDED NEAR THIS UNIT
S	AIR BLAST
QTY:	1
AIR:	170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)
T	SHELL WEIGHING CONTROL (SINGLE)
QTY:	2
ELEC:	480V 60Hz 3PH - 5.2 A F.L.C. / 2.6 A TYP. R.C.
U	DEPLATE UNIT
QTY:	1
ELEC:	480V
V	DUST MITIGATION MOTOR
QTY:	5
ELEC:	480V
AIR:	YES

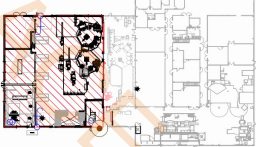
LEGEND

- EXISTING ADJACENT BUILDING/AREA NOT IN SCOPE OF WORK
- EXTERIOR WALL:
EXISTING EXTERIOR STEEL FRAMED SHEAR WALL AND FURRING SYSTEM WHERE OCCURS - PATCH AND REPAIR AS REQUIRED DUE TO CONSTRUCTION CHARACTERISTICS.
- EXTERIOR STEEL FRAMED SHEAR WALL: PAINTED CORRUGATED METAL SIDING OVER 8" METAL STUDS AT 16" O.C. AND DIAGONAL CROSS BRACING, R-19 RIGID INSULATION AND 5/8" TYPE 'X' GYPSUM BOARD
- INTERIOR FULL HEIGHT PARTITION:
5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OVER 6" METAL STUDS AT 16" O.C. WITH R-19 BATT INSULATION FULL HEIGHT TO UNDERSIDE OF DECK
- INTERIOR PARTITION:
5/8" TYPE BOARD EACH SIDE OVER 3/8" METAL STUDS AT 16" O.C. WITH R-11 BATT INSULATION TO UNDERSIDE OF DECK

FLP - GENERAL NOTES

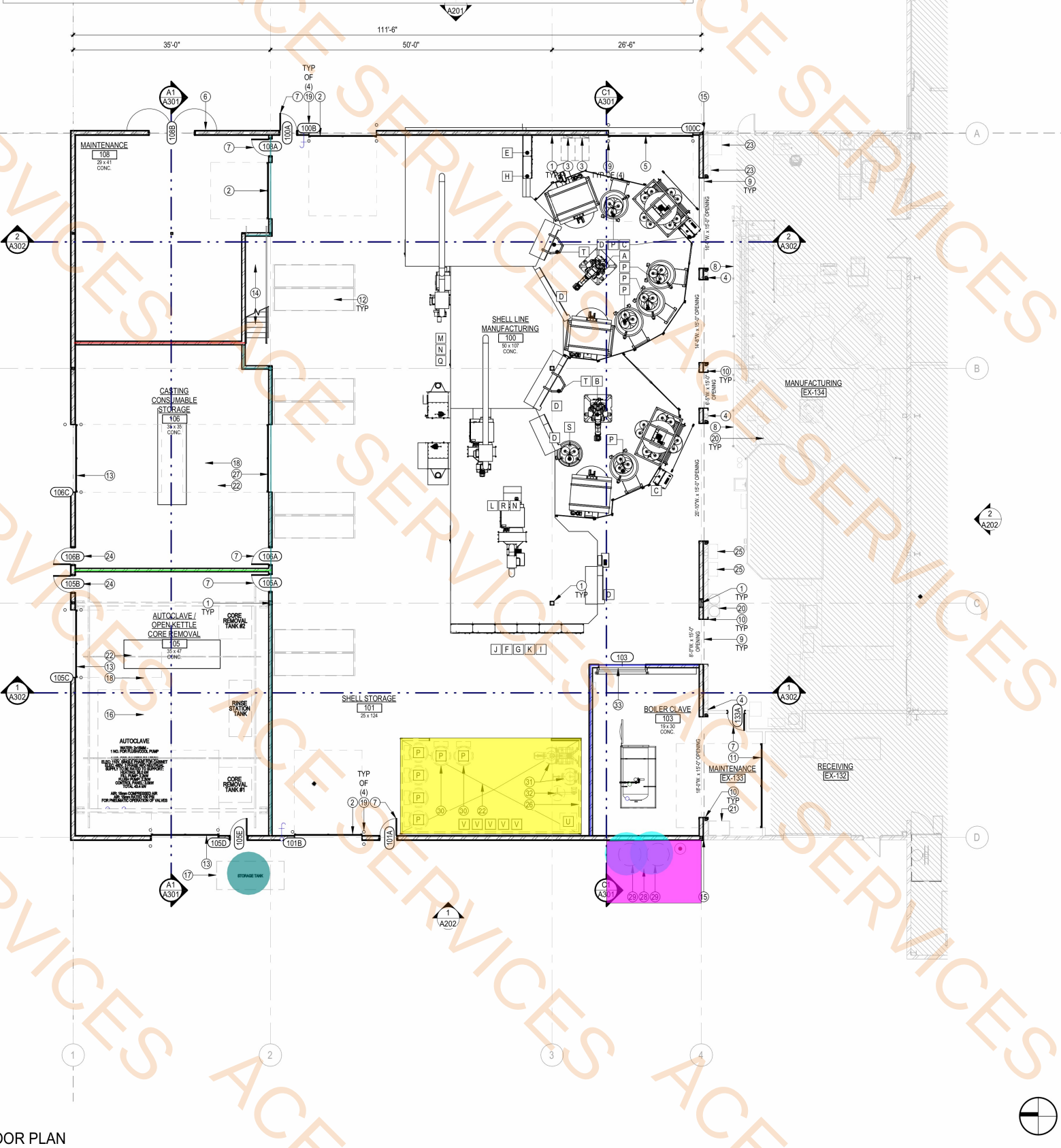
- A. ANGLES ARE 45 DEGREES AND 90 DEGREES - UNLESS NOTED OTHERWISE.
- B. ALL ELEVATIONS ARE FROM DATUM ELEVATION 0'-0".
- C. ALL EQUIPMENT, FURNITURE & MILLWORK MUST MEET ALL CLEARANCES & REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER.
- D. PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT A DOOR THRESHOLD. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2.
- E. CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID & AGAIN PRIOR TO ELECTRICAL ROUGH IN.
- F. GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE ANY AND ALL EQUIPMENT SECTION.
- G. ALL CONDENSATE LINES OR CONDUIT IS TO BE CONCEALED WITHIN WALL CAVITIES - NO EXPOSED PIPES OR CONDUIT WILL BE ACCEPTED UNLESS APPROVED IN WRITINGS BY THE OWNER.
- H. ALL WALLS ARE TO BE METAL CONSTRUCTION UNLESS NOTED OTHERWISE
- I. ALL DIMENSIONS ARE TO OUTSIDE FACE OF SLAB AND INSIDE FACE OF STUD PLATE.
- J. CONTRACTOR TO COORDINATE WITH OWNER FOR ALL LOW VOLTAGE SYSTEMS AND REQUIRED CONDUIT PLACEMENT PRIOR TO POURING CONCRETE.
- K. COLUMNS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL COLUMN LOCATIONS, TYPE AND SIZE.
- L. ALL NEW DOORS SHALL HAVE A D.A. COMPLIANT HARDWARE.
- M. ALL FINISHES SHALL COMPLY WITH I.B.C. CHAPTER 6 AND HAVE A MINIMUM CLASS 'C' RATING.
- N. PATCH, REPAIR, AND CLEAN CONCRETE FLOOR; REMOVE ALL RESIDUE - PREPARE FOR NEW FINISHES.
- O. ALL WALLS SHALL BE FINISHED LEVEL 4 SMOOTH AND PAINTED.
- P. PROVIDE AND INSTALL ALL FINISHES INCLUDING BUT NOT LIMITED TO: PAINT, CARPET, VINYL COMPOSITE TILE, BASE, PAINT, ETC...
A. CPT = CARPET
B. LVT = LUXURY VINYL TILE
C. CONC. = SEALED CONCRETE
- Q. EXPOSED CONCRETE AREAS SHALL BE CLEANED UPON COMPLETION OF CONSTRUCTION
- R. PROVIDE AND INSTALL MECHO SHADES AT ALL EXTERIOR WINDOWS.
- S. PER I.B.C. 2509: PROVIDE AND INSTALL WATER RESISTANT GYPSUM BOARD AT ALL WET AREAS.
- T. ALL LIGHT SWITCHES ARE TO BE MOTION SENSOR TYPE - SEE ELECTRICAL DRAWINGS
- U. OWNER IS RESPONSIBLE TO PREPARE PLANS, SUBMIT AND OBTAIN ALL REQUIRED CITY PERMITS AND APPROVALS FOR ANY HIGH PILE STORAGE

BLDG #1 KEYMAP



- Interior 6" Stud Wall @ 27'H
Interior 6" Stud Wall @ 26'H
Interior 6" Stud Wall @ 20'H
Pre Fab Modular Manufacturing Structure
Interior 6" Stud Wall @ 32'H
4" Concrete Pad
Wax Catch Tank
Storage Tank

113.8 FT
30.4 FT
35.1 FT
552.5 SQ FT
49.7 FT
186.7 SQ FT
2.0 EA
1.0 EA



EQUIPMENT LIST

A	ROBOT ARM	QTY: 1
		AIR: 170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)
B	ROBOT ARM: BACK-UP	QTY: 1
		AIR: 170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)
C	ROBOT CONTROLLER & SHELL MANAGEMENT	QTY: 2
		ELEC: 480V 60Hz 3PH - 13.0 A F.L.C. / 2.3 A TYP. R.C.
D	DOOR CONTROL	QTY: 5
		ELEC: 110V 60Hz 1PH - 10.0 A F.L.C. / 4.5 A TYP. R.C.
E	DRYING CONVEYOR SYSTEM CONTROL: PRIME	QTY: 1
		ELEC: 480V 60Hz 3PH - 26.9 A F.L.C. / 21.2 A TYP. R.C.
F	DRYING CONVEYOR SYSTEM CONTROL: BACK-UP	QTY: 1
		ELEC: 480V 60Hz 3PH - 41.3 A F.L.C. / 34.4 A TYP. R.C.
G	DRYING CONVEYOR SYSTEM CONTROL: FINAL	QTY: 1
		ELEC: 480V 60Hz 3PH - 31.7 A F.L.C. / 25.6 A TYP. R.C.
H	CELL CONTROL: PRIME	QTY: 1
		ELEC: 480V 60Hz 3PH - 55.4 A F.L.C. / 17.4 A TYP. R.C.
I	CELL CONTROL: BACK-UP	QTY: 1
		ELEC: 480V 60Hz 3PH - 17.9 A F.L.C. / 12.3 A TYP. R.C.
J	ENVIRONMENTAL CONTROL: PRIME & BACK-UP	QTY: 1
		ELEC: 480V 60Hz 3PH - 31.4 A F.L.C. / 19.6 A TYP. R.C.
K	ENVIRONMENTAL CONTROL: FINAL DRY	QTY: 1
		ELEC: 480V 60Hz 3PH - 15.7 A F.L.C. / 9.8 A TYP. R.C.
L	DEHUMIDIFIER (MX60): PRIME & BACK-UP	QTY: 2
		ELEC: 480V 60Hz 3PH - 88.0 A F.L.C. / 78.0 A TYP. R.C.
M	DEHUMIDIFIER (MX30)	QTY: 1
		ELEC: 480V 60Hz 3PH - 44.0 A F.L.C. / 35.0 A TYP. R.C.
N	HUMIDIFIER: 10KG / HR	QTY: 3
		WTR: UP TO 1.1 LITER / MIN. (0.24 IMP. GAL / MIN.), 1 TO 8 BAR (14.5 TO 116 PSI) PRESSURE.
O	DUCT ISOLATION VALVE CONTROL (DUST EXTRACTION)	QTY: 1
		ELEC: 480V 60Hz 3PH - 6.0 A F.L.C. / 6.0 A TYP. R.C.
P	SLURRY TANK	QTY: 9
		WTR: CHILLED - PADDLE COOLING IF REQUIRED
Q	POST COOLER: MX30	QTY: 1
		WTR: CHILLED - UP TO 4720 LTR / HR (1040 IMP. GAL / HR, 1248 U.S. GAL / HR), BASED ON ESTIMATED GLYCOL LEVEL UP TO 107% (PROTECTS AGAINST OUTSIDE TEMPERATURES OF ABOUT -10
R	POST COOLER: MX60	QTY: 2
		WTR: CHILLED - UP TO 9487 LTR / HR (2092 IMP. GAL / HR, 2512 U.S. GAL / HR), BASED ON ESTIMATED GLYCOL LEVEL UP TO 107% (PROTECTS AGAINST OUTSIDE TEMPERATURES OF ABOUT -10
S	AIR BLAST	QTY: 1
		AIR: 170 LTR/MIN AT 6 BAR (6 CFM AT 90 PSI)
T	SHELL WEIGHING CONTROL (SINGLE)	QTY: 2
		ELEC: 480V 60Hz 3PH - 5.2 A F.L.C. / 2.6 A TYP. R.C.
U	DEPLATE UNIT	QTY: 1
		ELEC: 480V
V	DUST MITIGATION MOTOR	QTY: 5
		ELEC: 480V

FLP - KEYNOTES

- STRUCTURAL STEEL I-BEAM COLUMN
- 12'-0" W. x 14'-0" H. INSULATED OVERHEAD SECTIONAL ROLL-UP DOOR TO MATCH EXISTING
- RELOCATED ELECTRICAL PANEL
- EXISTING STRUCTURAL COLUMN TO REMAIN
- 15'-0" W. x 15'-0" H. INSULATED EXTERIOR COILING ROLL-UP DOOR
- DOUBLE 4'-0" x 7'-0" HOLLOW METAL DOOR WITH 180-DEGREE HINGES TO MATCH EXISTING
- SINGLE 3'-0" x 7'-0" HOLLOW METAL INSULATED DOOR TO MATCH EXISTING
- EXISTING CHAINLINK FENCE TO REMAIN
- ALUMINUM EXPANSION FLOOR PLATE, NYSTROM DT (OR SIMILAR)
- INTERIOR ALUMINUM PLATE BUILDING EXPANSION JOINT, NYSTROM WJ (OR SIMILAR)
- 15'-0" W. x 15'-0" H. OVERHEAD COILING ROLL-UP DOOR
- STORAGE RACKING (N.I.C.) - NOT TO EXCEED 12'-0" IN HEIGHT, T.B.D. BY LOCAL CODE
- 12'-0" W. x 15'-0" H. EXTERIOR COILING ROLL-UP DOOR TO MATCH EXISTING
- STEEL STAIRCASE WITH TUBE STEEL ADA HANDRAIL
- BUILDING EXPANSION JOINT, NYSTROM EJM-ESU (OR SIMILAR)
- GANTRY CRANE (N.I.C.)
- 880-GALLON UNDERGROUND EMERGENCY DRAIN TANK - COORDINATE WITH PLUMBING DRAWINGS AND MANUFACTURER'S SPECIFICATIONS
- 10'-0" TRENCH DRAIN - SLOPE SLAB AS REQUIRED
- 6" DIA. x 48" STEEL PIPE BOLLARD MOUNTED TOP OF SLAB
- EXISTING MANUFACTURING EQUIPMENT TO REMAIN
- EXISTING MECHANICAL EQUIPMENT TO REMAIN
- SLOPE CONCRETE SLAB AS REQUIRED FOR DRAINAGE
- EXISTING ELECTRICAL PANEL TO REMAIN
- SINGLE 3'-0" x 7'-0" HOLLOW METAL DOOR TO MATCH EXISTING
- EXISTING LIQUIDS STORAGE CABINET TO REMAIN
- PRE-FAB MODULAR MANUFACTURING STRUCTURE
- 12'-0" W. x 15'-0" H. INSULATED COILING ROLL-UP DOOR
- 4" CONCRETE PAD
- WAX CATCH TANK
- RELOCATED SLURRY TANKS & DISCONNECTS, G.C. TO PROVIDE AND INSTALL 480V POWER - COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RELOCATED HIGH SHEAR TELESCOPIC MIXER, CRUCIBLE CART AND ELECTRICAL DISCONNECT, G.C. TO PROVIDE AND INSTALL 480V POWER - COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RELOCATED MDP2 CRANE HOIST AND SCALE - G.C. TO PROVIDE AND INSTALL 120V FOUR-PLEX ELECTRICAL OUTLET NEAR EQUIPMENT - COORDINATE EXACT LOCATION WITH OWNER IN FIELD
- RAPID SLIDE OPEN DOOR SYSTEM; RYTEC DOORS, SINGLE, HIGH-PERFORMANCE TURBO-SLIDE - SEE ELECTRICAL DRAWINGS

LEGEND

- EXISTING ADJACENT BUILDING/AREA NOT IN SCOPE OF WORK
- EXTERIOR WALL: EXISTING EXTERIOR STEEL FRAMED SHEAR WALL AND FURRING SYSTEM WHERE OCCURS - PATCH AND REPAIR AS REQUIRED DUE TO CONSTRUCTION CHARACTERISTICS.
- EXTERIOR STEEL FRAMED SHEAR WALL: PAINTED CORRUGATED METAL SIDING OVER 8" METAL STUDS AT 16" O.C. AND DIAGONAL CROSS BRACING, R-19 RIGID INSULATION AND 5/8" TYPE 'X' GYPSUM BOARD
- INTERIOR FULL HEIGHT PARTITION: 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OVER 6" METAL STUDS AT 16" O.C. WITH R-19 BATT INSULATION FULL HEIGHT TO UNDERSIDE OF DECK
- INTERIOR PARTITION: 5/8" TYPE BOARD EACH SIDE OVER 3/8" METAL STUDS AT 16" O.C. WITH R-11 BATT INSULATION TO UNDERSIDE OF DECK

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BLDG #1 KEYMAP



FFKR ARCHITECTS
730 Pacific Avenue - Salt Lake City, Utah 84104
O 801.521.6186 - FFKR.COM



TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

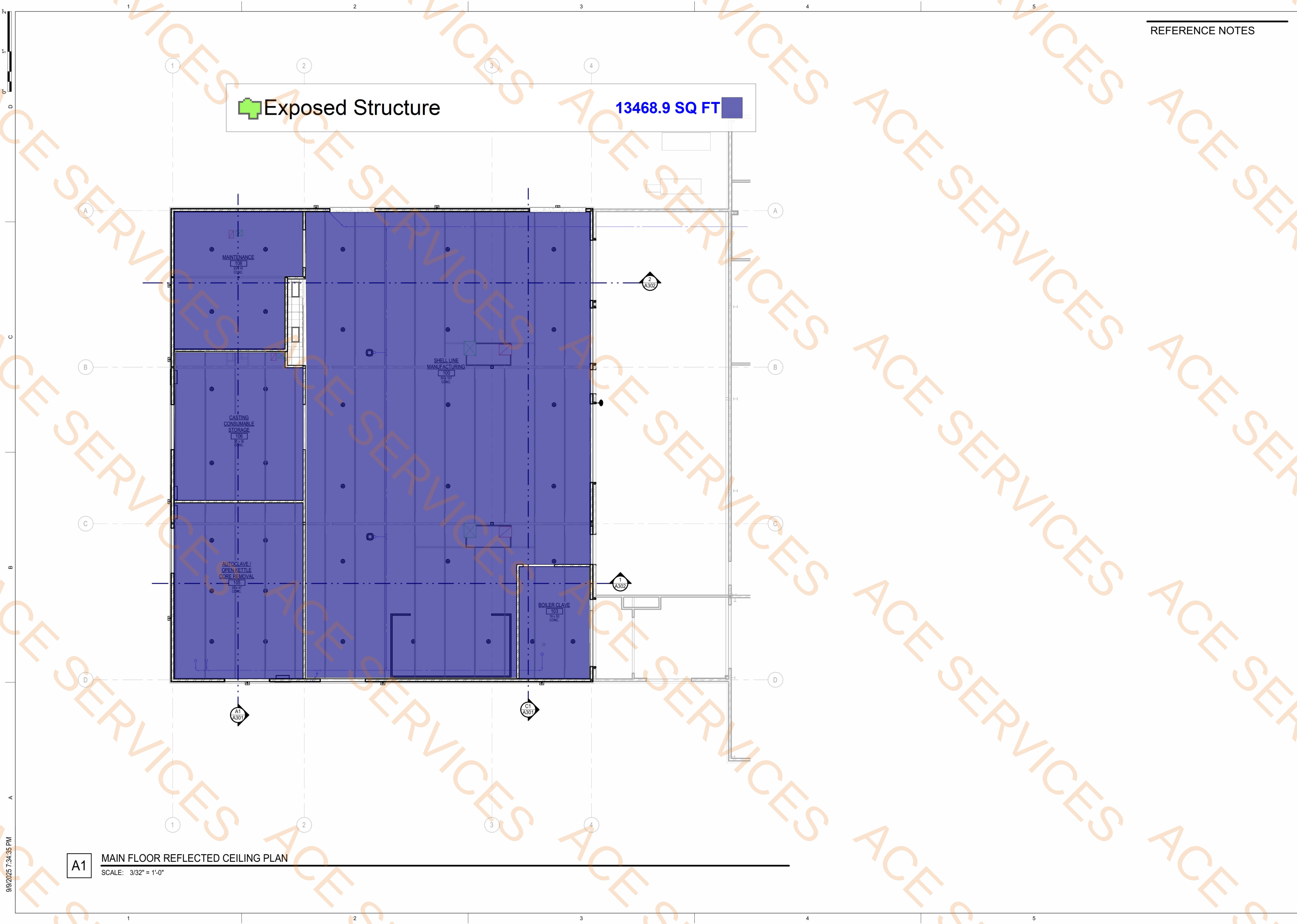
DATE REVISION

PROJECT NUMBER 25039

BLDG #1 - FLOOR PLAN

A101

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REFERENCE NOTES

TRIAX INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

Δ	DATE	REVISION
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PROJECT NUMBER 25039

BLDG #1 -
REFLECTED
CEILING
PLAN

A102



FFKR ARCHITECTS
730 Pacific Avenue - Salt Lake City, Utah 84104
O 801.521.6186 - FFKR.COM

9/9/2025 7:34:36 PM

Paint Wall @ 9'H Wall Mounted Television

R.C.P. - LEGEND

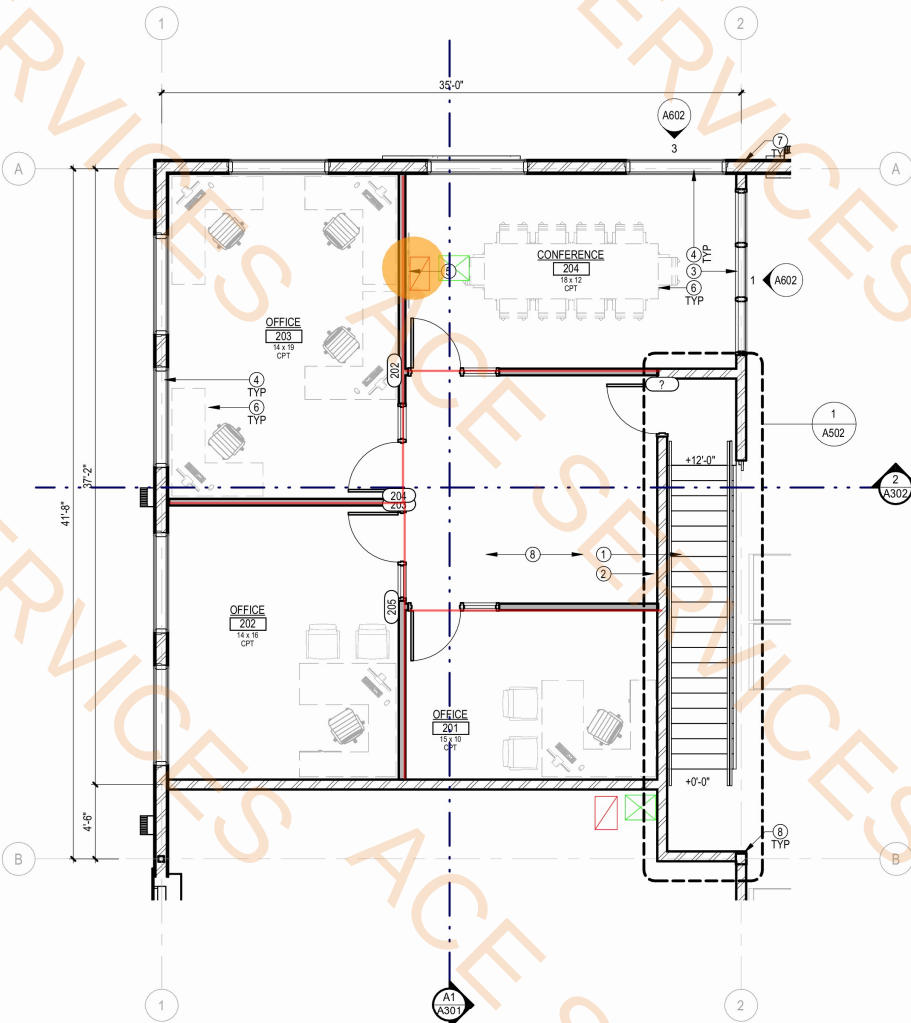
- 2'-0" x 4'-0" SUSPENDED ACOUSTICAL CEILING TILE AND GRID SYSTEM WITH 2ND LOOK AT 9'-0" A.F.F. - SCRIBE CUT AT WALLS
- 2'-0" x 4'-0" RECESSED LED LIGHT FIXTURE
- 2'-0" x 4'-0" RECESSED EMERGENCY LED LIGHT FIXTURE
- 2'-0" x 2'-0" SUPPLY AIR DIFFUSER (NOT SHOWN)
- 2'-0" x 2'-0" RETURN AIR GRILLE (NOT SHOWN)

81.5 FT
1.0 EA

- AREA EXPOSED TO STRUCTURE - PROVIDE AND INSTALL R-10 SOUND BATT INSULATION WITH VINYL FACE MECHANICAL ATTACHED TO STRUCTURE
- CENTER CEILING TILE AND GRID SYSTEM WITHIN ROOM

R.C.P. - GENERAL NOTES

- ALL CEILING HEIGHTS ARE MINIMUM CLEAR AND MUST BE MAINTAINED. IF ABLE TO RAISE DRYWALL CEILING NOTIFY ARCHITECT AND OWNER PRIOR TO CONSTRUCTION OF DROPPED CEILING.
- SUSPENDED CEILING SHALL MEET CRITERIA PER APPLICABLE CODES AND HAVE A MINIMUM NOISE REDUCTION COEFFICIENT (NRC) OF 0.75.
- WHEN INSTALLING CEILING MOUNTED EXIT SIGNAGE - GENERAL CONTRACTOR TO VERIFY LINE OF SIGHT IS MAINTAINED AND NOT OBSCURED BY FURRED CEILING FIXTURES - NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
- GENERAL CONTRACTOR TO OVERSEE COORDINATION OF ALL TRADES TO VERIFY EXACT LOCATION OF DUCTS, CONDUITS, LIGHTS REGISTERS, EQUIPMENT TRAYS, PLUMBING, WASTE, AND FIRE SPRINKLER LINES. NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS.
- USE DENS-SHIELD (OR APPROVED EQUAL) AT ALL WET LOCATIONS OR WHERE MOISTURE RESISTANT GYP. BD. IS SPECIFIED.
- PROVIDE ACCESS PANELS AT LOCATIONS REQUIRING ACCESS. COORDINATE LOCATION WITH ARCHITECT.
- ALL LIGHTS TO ACTIVATE TO FULL BRIGHT THROUGHOUT THE DIMMING PANEL DURING EMERGENCY ALARM ACTIVATION.
- STRUCTURAL COLUMNS AND MECHANICAL ELEMENTS ARE SHOWN FOR GENERAL REFERENCE - PLEASE SEE APPROPRIATE ENGINEERS DRAWINGS.
- THE REFLECTED CEILING PLAN IS A GENERAL REFERENCE DOCUMENT - SEE ELECTRICAL & MECHANICAL DRAWINGS FOR QUANTITY TAKE OFF EQUIPMENT SIZES AND MOUNTING DETAILS.
- ANGLES ARE 45 DEGREES AND 90 DEGREES U.N.O.
- CENTER ALL NEW SPRINKLER HEADS WITHIN THE 2'-0" x 2'-0" AREA OF THE ACOUSTICAL CEILING TILE SYSTEM
- ALL SPRINKLER HEADS IN GYPSUM BOARD CEILING TO BE FULLY RECESSED WITH FACTOR WHITE COVER.
- ALL NEW ROOF PENETRATIONS MUST BE EQUIPPED WITH A CURB, CANT AND CRICKET SO THAT WATER WILL RUN AWAY FROM OPENING



FLOOR PLAN LEGEND

- INTERIOR SINGLE DOOR, FRAME AND HARDWARE SYSTEM WITH A 24" GLASS SIDELITE
- EXTERIOR STEEL FRAMED SHEAR WALL: PAINTED CORRUGATED METAL SIDING OVER 8" METAL STUDS AT 16" O.C. AND DIAGONAL CROSS BRACING, R-19 RIGID INSULATION AND 5/8" TYPE 'X' GYPSUM BOARD
- INTERIOR FULL HEIGHT PARTITION: 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE OVER 8" METAL STUDS AT 16" O.C. WITH R-19 BATT INSULATION FULL HEIGHT TO UNDERSIDE OF DECK
- INTERIOR PARTITION: 5/8" TYPE BOARD EACH SIDE OVER 3 5/8" METAL STUDS AT 16" O.C. WITH R-11 BATT INSULATION TO UNDERSIDE OF CEILING SYSTEM

KEYNOTES

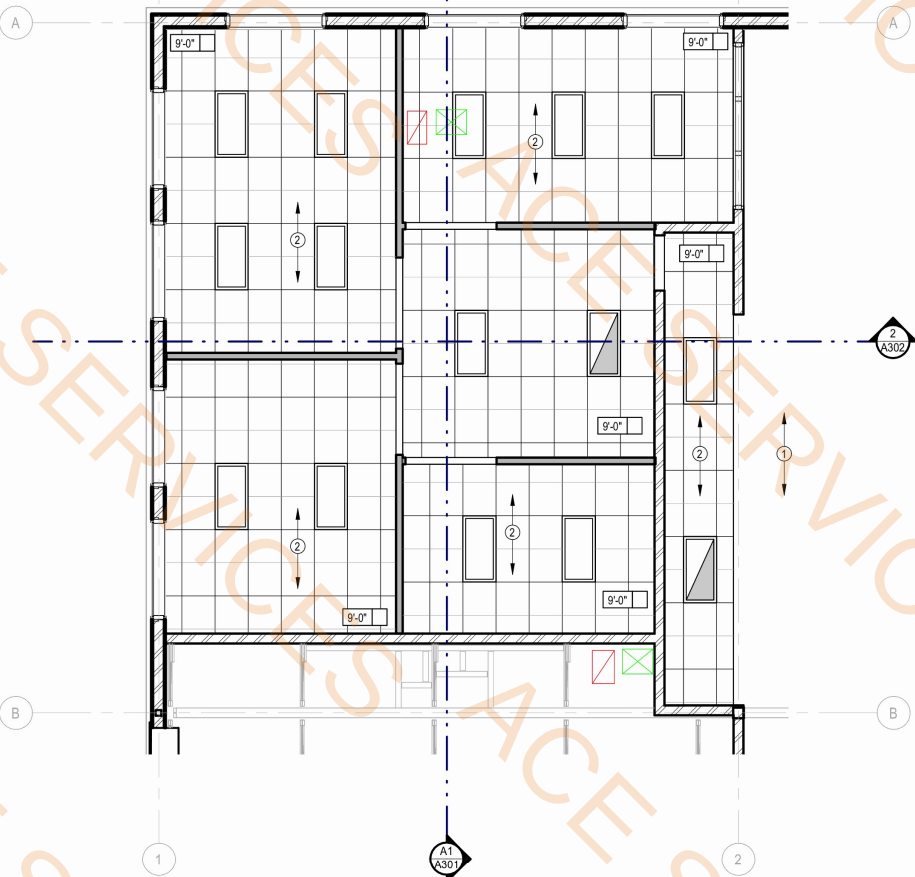
- STEEL STAIRCASE WITH 42" HIGH TUBE STEEL GUARDRAIL AND ADA HANDRAIL
- 42" HIGH TUBE STEEL GUARD RAIL
- 10'-0"W. x 7'-0"H. INTERIOR STOREFRONT GLAZING MOUNTED 1'-0" A.F.F.
- 6'-0"W. x 3'-6"H. EXTERIOR STOREFRONT GLAZING MOUNTED 3'-6" A.F.F. TO MATCH EXISTING
- WALL MOUNTED TELEVISION WITH POWER MOUNTED AT 72" A.F.F.
- FURNITURE (N.I.C.)
- STRUCTURAL STEEL COLUMN
- MEZZANINE FLOOR - CONCRETE FLOOR OVER METAL DECK AND STEEL JOIST FRAMING

FLP - GENERAL NOTES

- ANGLES ARE 45 DEGREES AND 90 DEGREES - UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS ARE FROM DATUM ELEVATION 0'-0".
- ALL EQUIPMENT, FURNITURE & MILLWORK MUST MEET ALL CLEARANCES & REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE, WHICHEVER IS STRICTER.
- PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT A DOOR THRESHOLDS. THE CHANGE OF LEVEL BETWEEN MATERIALS MUST BE NO MORE THAN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2.
- CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID & AGAIN PRIOR TO ELECTRICAL ROUGH IN.
- GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY MECHANICAL, PLUMBING, AND ELECTRICAL CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE ANY AND ALL EQUIPMENT SECTION.
- ALL CONDENSATE LINES OR CONDUIT IS TO BE CONCEALED WITHIN WALL CAVITIES - NO EXPOSED PIPES OR CONDUIT WILL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE OWNER.
- ALL WALLS ARE TO BE METAL CONSTRUCTION UNLESS NOTED OTHERWISE
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF SLAB AND INSIDE FACE OF STUD PLATE.
- CONTRACTOR TO COORDINATE WITH OWNER FOR ALL LOW VOLTAGE SYSTEMS AND REQUIRED CONDUIT PLACEMENT PRIOR TO POURING CONCRETE.
- COLUMNS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL COLUMN LOCATIONS, TYPE AND SIZE.
- ALL NEW DOORS SHALL HAVE A D.A. COMPLIANT HARDWARE.
- ALL FINISHES SHALL COMPLY WITH I.B.C. CHAPTER 6 AND HAVE A MINIMUM CLASS 'C' RATING.
- PATCH, REPAIR, AND CLEAN CONCRETE FLOOR; REMOVE ALL RESIDUE - PREPARE FOR NEW FINISHES.
- ALL WALLS SHALL BE FINISHED LEVEL 4 SMOOTH AND PAINTED.
- PROVIDE AND INSTALL ALL FINISHES INCLUDING BUT NOT LIMITED TO: PAINT, CARPET, VINYL COMPOSITE TILE, BASE, PAINT, ETC...
 - A. CPT = CARPET
 - B. LVT = LUXURY VINYL TILE
 - C. CONC. = SEALED CONCRETE
- EXPOSED CONCRETE AREAS SHALL BE CLEANED UPON COMPLETION OF CONSTRUCTION
- PROVIDE AND INSTALL MECO SHADES AT ALL EXTERIOR WINDOWS.
- PER I.B.C. 2509: PROVIDE AND INSTALL WATER RESISTANT GYPSUM BOARD AT ALL WET AREAS.
- ALL LIGHT SWITCHES ARE TO BE MOTION SENSOR TYPE - SEE ELECTRICAL DRAWINGS
- OWNER IS RESPONSIBLE TO PREPARE PLANS, SUBMIT AND OBTAIN ALL REQUIRED CITY PERMITS AND APPROVALS FOR ANY HIGH PILE STORAGE

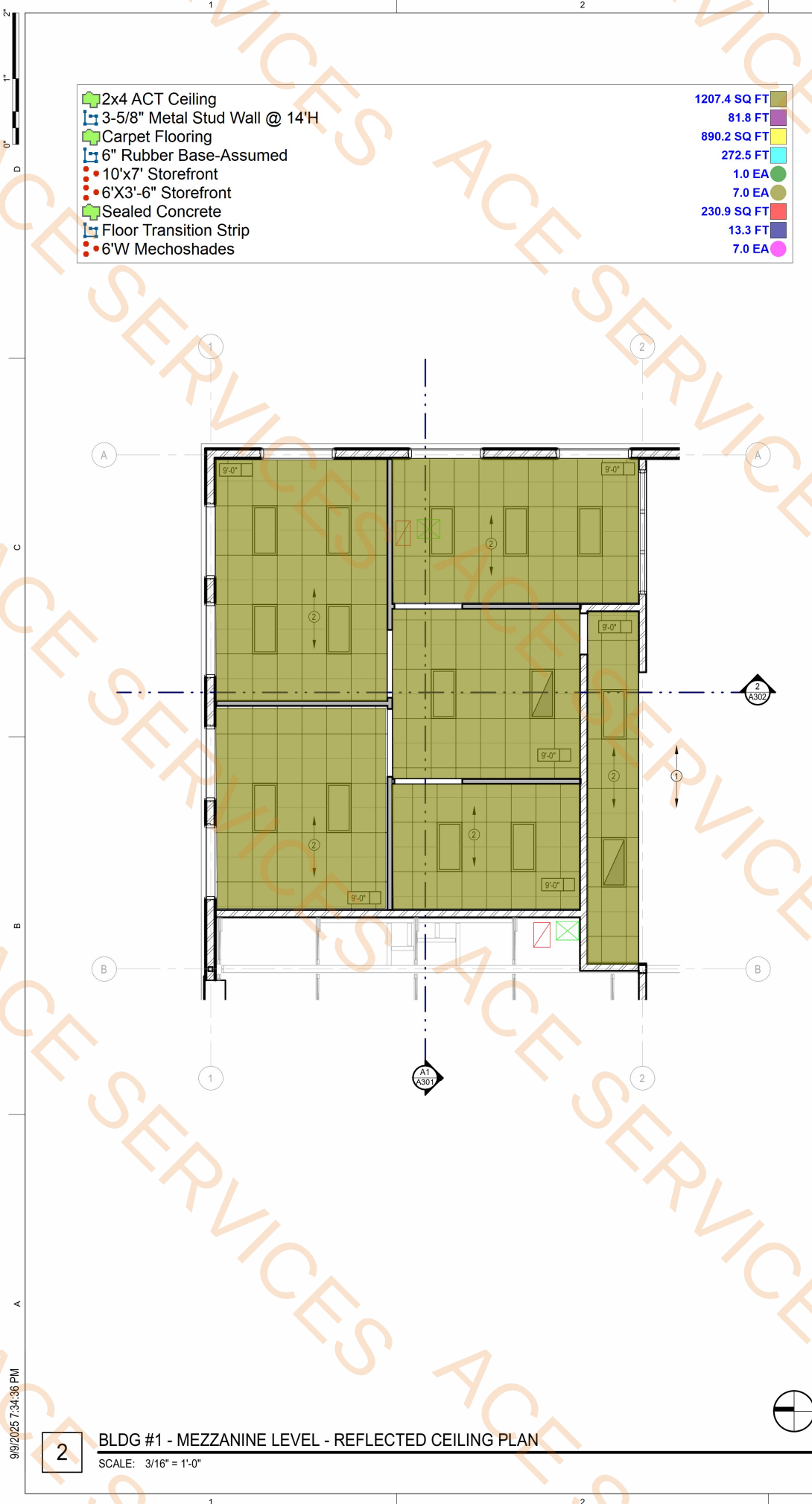
BLDG #1 - MEZZANINE FLOOR PLAN

SCALE: 3/16" = 1'-0"

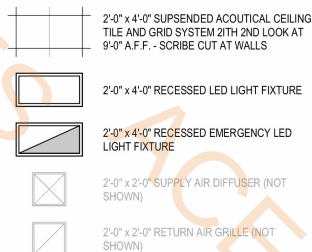


BLDG #1 - MEZZANINE LEVEL - REFLECTED CEILING PLAN

SCALE: 3/16" = 1'-0"



R.C.P. - LEGEND



KEYNOTES

1. AREA EXPOSED TO STRUCTURE ABOVE - PROVIDE AND INSTALL R-30 SOUND BATT INSULATION WITH VINYL FACE MECHANICAL ATTACHED TO STRUCTURE
2. CENTER CEILING TILE AND GRID SYSTEM WITHIN ROOM

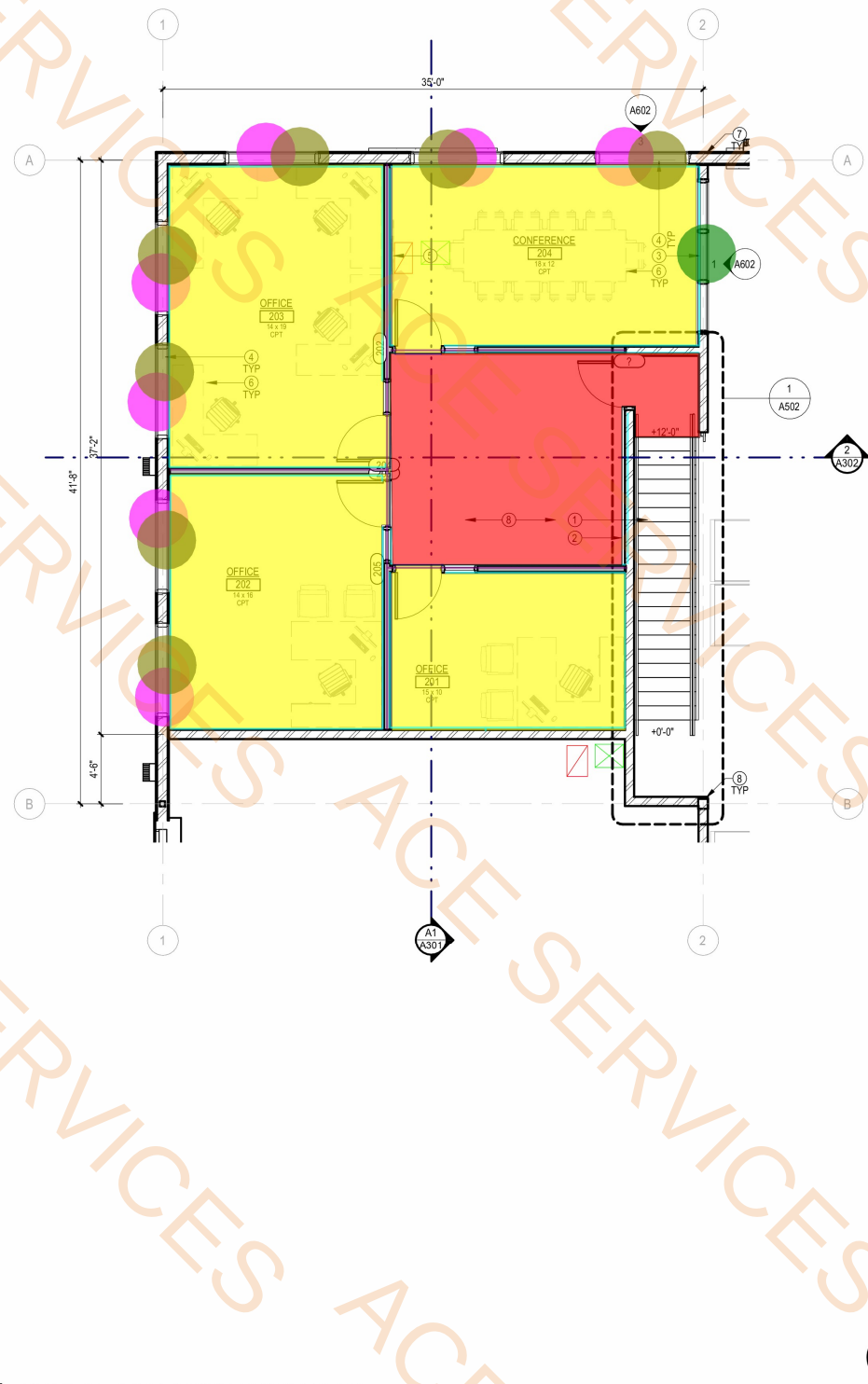
R.C.P. - GENERAL NOTES

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- D. GENERAL CONTRACTOR TO OVERSEE COORDINATION OF ALL TRADES TO VERIFY EXACT LOCATION OF DUCTS, CONDUITS, LIGHTS REGISTERS, EQUIPMENT TRAYS, PLUMBING, WASTE, AND FIRE SPRINKLER LINES. NOTIFY ARCHITECT IN WRITING OF ANY CONFLICTS.
- E. USE DENS-SHIELD (OR APPROVED EQUAL) AT ALL WET LOCATIONS OR WHERE MOISTURE RESISTANT GYP. BD. IS SPECIFIED.
- F. PROVIDE ACCESS PANELS AT LOCATIONS REQUIRING ACCESS. COORDINATE LOCATION WITH ARCHITECT.
- G. ALL LIGHTS TO ACTIVATE TO FULL BRIGHT THROUGHOUT THE DIMMING PANEL DURING EMERGENCY ALARM ACTIVATION.
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- I. THE REFLECTED CEILING PLAN IS A GENERAL REFERENCE DOCUMENT - SEE ELECTRICAL & MECHANICAL DRAWINGS FOR QUANTITY TAKE OFF EQUIPMENT SIZES AND MOUNTING DETAILS.
- J. ANGLES ARE 45 DEGREES AND 90 DEGREES U.N.O.
- K. CENTER ALL NEW SPRINKLER HEADS WITHIN THE 2'-0" x 2'-0" AREA OF THE ACOUSTICAL CEILING TILE SYSTEM
- L. ALL SPRINKLER HEADS IN GYPSUM BOARD CEILING TO BE FULLY RECESSED WITH FACTOR WHITE COVER.
- M. ALL NEW ROOF PENETRATIONS MUST BE EQUIPPED WITH A CURB, CANT AND CRICKET SO THAT WATER WILL RUN AWAY FROM OPENING

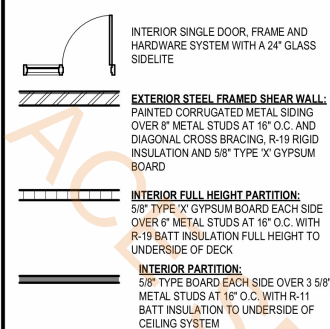
1

BLDG #1 - MEZZANINE FLOOR PLAN

SCALE: 3/16" = 1'-0"



FLOOR PLAN LEGEND



KEYNOTES

1. STEEL STAIRCASE WITH 42" HIGH TUBE STEEL GUARDRAIL AND ADA HANDRAIL
2. 42" HIGH TUBE STEEL GUARD RAIL
3. 10'-0"W. x 7'-0"H. INTERIOR STOREFRONT GLAZING MOUNTED 1'-0" A.F.F.
4. 6'-0"W. x 3'-6"H. EXTERIOR STOREFRONT GLAZING MOUNTED 3'-6" A.F.F. TO MATCH EXISTING
5. WALL MOUNTED TELEVISION WITH POWER MOUNTED AT 72" A.F.F.
6. FURNITURE (N.I.C.)
7. STRUCTURAL STEEL COLUMN
8. MEZZANINE FLOOR - CONCRETE FLOOR OVER METAL DECK AND STEEL JOIST FRAMING

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- O. ALL WALLS SHALL BE FINISHED LEVEL 4 SMOOTH AND PAINTED.
- P. PROVIDE AND INSTALL ALL FINISHES INCLUDING BUT NOT LIMITED TO: PAINT, CARPET, VINYL COMPOSITE TILE, BASE, PAINT, ETC...
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- R. PROVIDE AND INSTALL MECO SHADES AT ALL EXTERIOR WINDOWS.
- S. PER I.B.C. 2509: PROVIDE AND INSTALL WATER RESISTANT GYPSUM BOARD AT ALL WET AREAS.
- T. ALL LIGHT SWITCHES ARE TO BE MOTION SENSOR TYPE - SEE ELECTRICAL DRAWINGS
- U. OWNER IS RESPONSIBLE TO PREPARE PLANS, SUBMIT AND OBTAIN ALL REQUIRED CITY PERMITS AND APPROVALS FOR ANY HIGH PILE STORAGE

A104

TRIAx INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

6519 WEST ALLISON ROAD

CHANDLER, ARIZONA 85226

DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

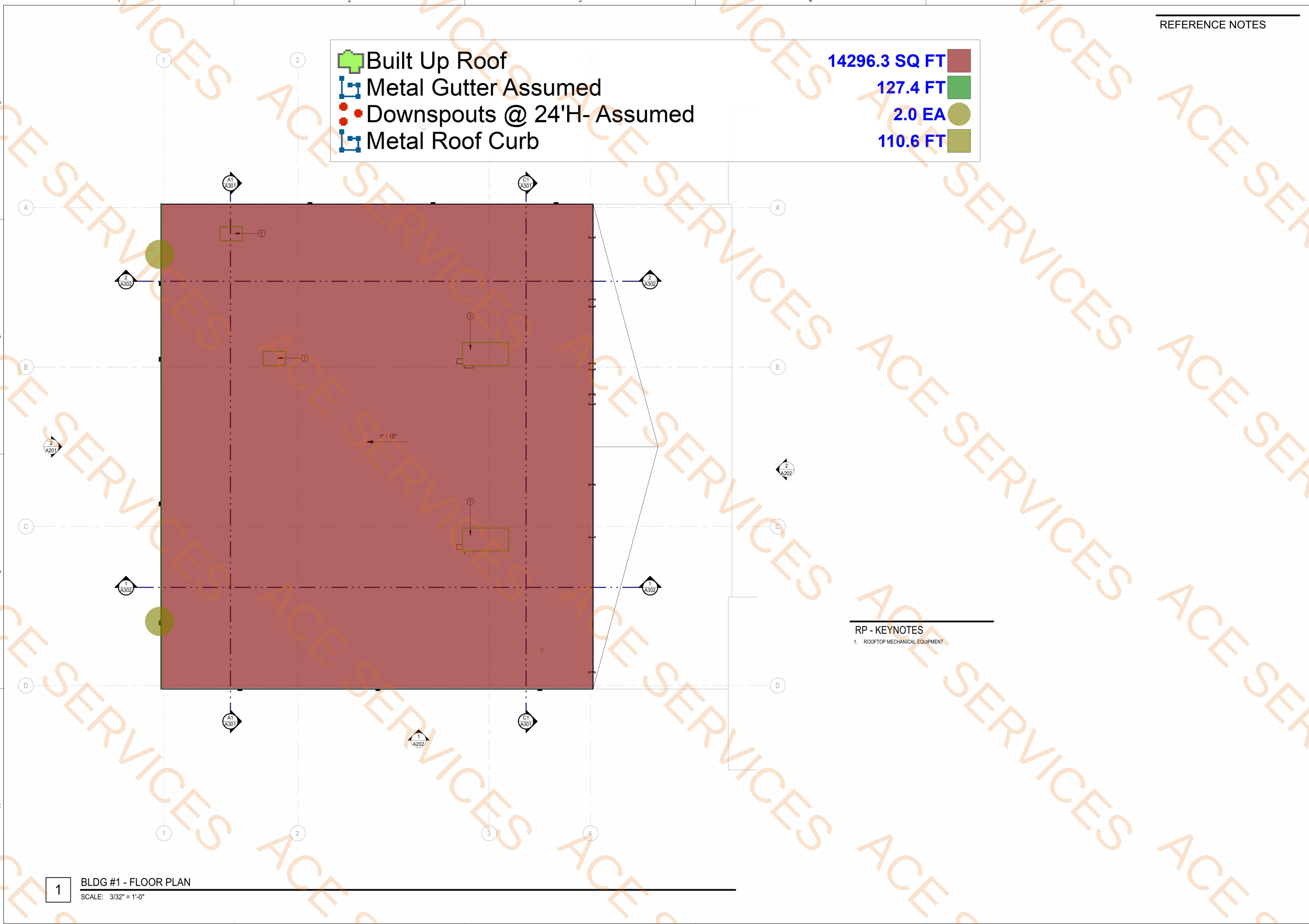


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A B C D

1 2 3 4 5



Metal Panels

6305.1 SQ FT



REFERENCE NOTES

2

BLDG #1 - EXTERIOR ELEVATION - NORTH

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

1

BLDG #1 - EXTERIOR ELEVATION - EAST

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

TRIAX INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

6519 WEST ALLISON ROAD

CHANDLER, ARIZONA 85226

DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

Δ	DATE	REVISION
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PROJECT NUMBER 25039

BLDG #1 -
EXTERIOR
ELEVATIONS

A201



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9/9/2025 7:34:59 PM

 Metal Panels

5841.7 SQ FT

2 BLDG #1 - EXTERIOR ELEVATION - SOUTH
SCALE: 1/8" = 1'-0"

1 BLDG #1 - EXTERIOR ELEVATION - WEST
SCALE: 1/8" = 1'-0"

REFERENCE NOTES

FFKR ARCHITECTS
730 Pacific Avenue - Salt Lake City, Utah 84104
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TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

Δ DATE REVISION

PROJECT NUMBER 25039

BLDG #1 -
EXTERIOR
ELEVATIONS

A202

9/9/2025 7:35:22 PM

- 3'x7' H.M Door
- 8'x7' H.M Door
- 15'X15' Overhead Door
- 12'x15' Overhead Door
- 12'X14' Overhead Door
- 10'X10' Overhead Door
- 3'x8' H.M Door
- Rapid Slide Open Door

- 10.0 EA
- 1.0 EA
- 2.0 EA
- 5.0 EA
- 1.0 EA
- 1.0 EA
- 4.0 EA
- 1.0 EA

C1 INT. H.M. DOOR HEADER
SCALE: 3" = 1'-0"

C3 OVERHEAD DOOR HEADER
SCALE: 1" = 1'-0"

B1 HOLLOW METAL DOOR JAMB
SCALE: 6" = 1'-0"

B3 OVERHEAD ROLL-UP DOOR HEADER
SCALE: 1" = 1'-0"

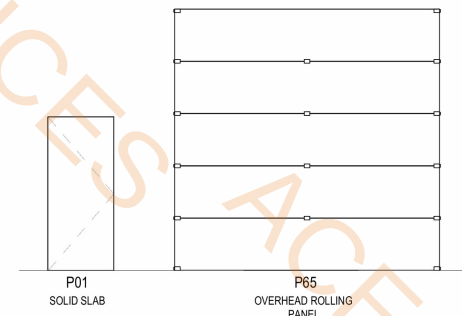
A1 HOLLOW METAL DOOR THRESHOLD
SCALE: 1 1/2" = 1'-0"

A3 OVERHEAD DOOR JAMB
SCALE: 3" = 1'-0"

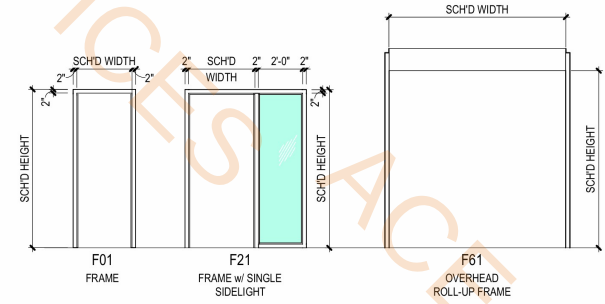
BLDG #1 DOOR AND FRAME SCHEDULE											
DOOR NUMBER	SIZE		DOOR			FRAME		FIRE RATING	HARDWARE GROUP	NOTES	REVISIONS
	WIDTH	HEIGHT	THICK	LEAF 1 TYPE	LEAF 2 TYPE	MATERIAL	TYPE				
LEVEL 1											
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	12'-0"	14'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	15'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	12'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	12'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	12'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	12'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	12'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	12'-0"	15'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	10'-0"	10'-0"	2"	P65		PER MANUF	F61	PER MANUF			
	3'-0"	7'-0"	2"	P01		HM	F01	HM			
	15'-0"	15'-0"	2"	P65		PER MANUF	NF	PER MANUF			
LEVEL 2											
201		7'-0"	2"	P01		HM	F01	HM			
202		8'-0"	2"	P01		HM	F21	HM			
203		8'-0"	2"	P01		HM	F21	HM			
204		8'-0"	2"	P01		HM	F21	HM			
205		8'-0"	2"	P01		HM	F21	HM			

BLDG #2 DOOR AND FRAME SCHEDULE											
DOOR NUMBER	SIZE		DOOR			FRAME		FIRE RATING	HARDWARE GROUP	NOTES	REVISIONS
	WIDTH	HEIGHT	THICK	LEAF 1 TYPE	LEAF 2 TYPE	MATERIAL	TYPE				
LEVEL 1											
101A	3'-0"	7'-0"	2"	P01		HM	F01	HM			
101B	3'-0"	7'-0"	2"	P01		HM	F01	HM			
104A	8'-0"	8'-0"	2"	P01	P01	HM	F01	HM			
104B	10'-0"	10'-0"	2"	P65		PER MANUF	F61	PER MANUF			
105	3'-0"	7'-0"	2"	P01		HM	F01	HM			
106	3'-0"	7'-0"	2"	P01		HM	F01	HM			
107	3'-0"	7'-0"	2"	P01		HM	F01	HM			

SPECIALTY DOOR AND FRAME SCHEDULE											
DOOR NUMBER	SIZE		DOOR			FRAME		FIRE RATING	HARDWARE GROUP	COMMENTS	REVISIONS
	WIDTH	HEIGHT	THICK	LEAF 1 TYPE	LEAF 2 TYPE	MATERIAL	TYPE				
LEVEL 1											
103	5'-4"	10'-10"	PER MANUF	PER MANUF		PER MANUF	PER MANUF			RYTEC TURBO-SLIDE SLIDING DOOR	

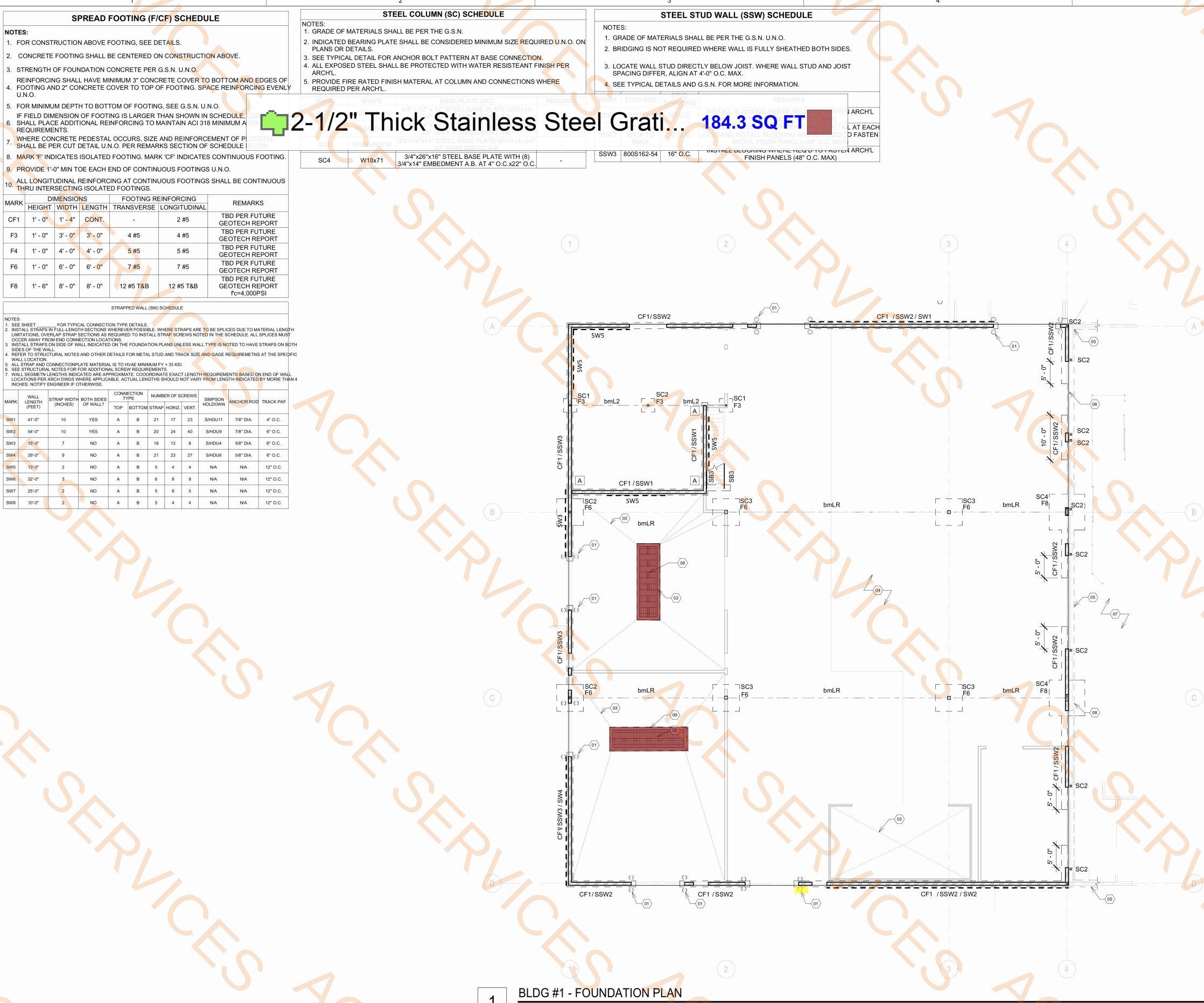


DOOR PANELS



DOOR FRAMES

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1

BLDG #1 - FOUNDATION PLAN

SCALE: 3/32" = 1'-0"

TRIAX INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

6519 WEST ALLISON ROAD

CHANDLER, ARIZONA 85226

Project Status - Issue Date

PRELIMINARY
NOT FOR
CONSTRUCTION
OR BIDDING

DATE REVISION

PROJECT NUMBER KS-00

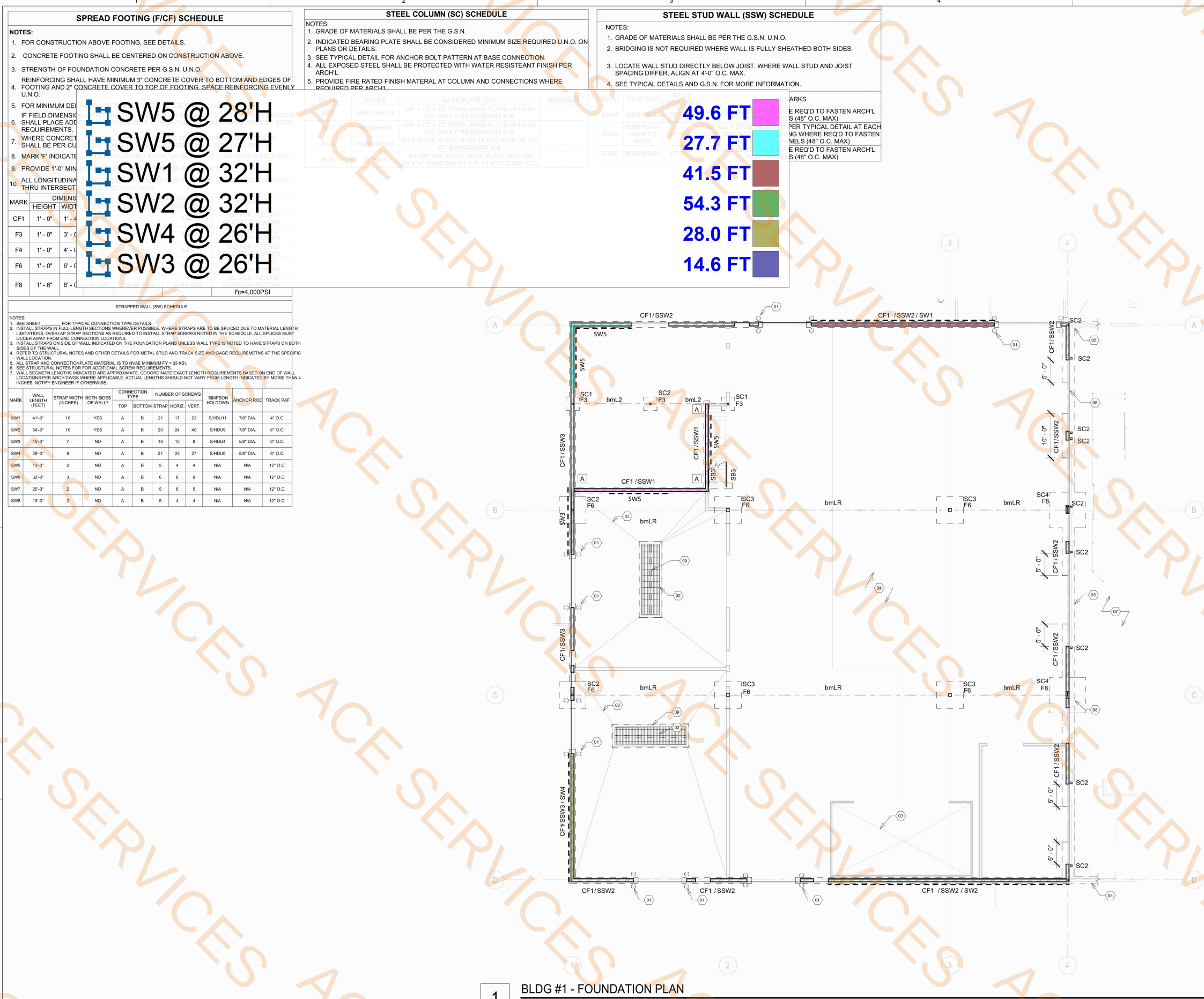
BLDG #1 -
FOUNDATION
PLAN

S101

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O 801.521.6186 · FFKR.COM



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PLAN NOTES - TYP U.N.O.:

- CONTRACTOR SHALL VERIFY EXACT DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN PROVIDED BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY EXCEPT WHERE A MAXIMUM OR MINIMUM STRUCTURAL LIMIT HAS BEEN SPECIFIED. ANY DISCREPANCY IN DIMENSIONS SHALL BE RESOLVED IMMEDIATELY BY THE CONTRACTOR THROUGH THE ARCHITECT.
- FOR CLARITY, DETAILS MAY NOT BE CUT EACH SIDE OR AT RECURRING CONDITIONS, BUT SHALL APPLY AT SIMILAR CONDITIONS INDICATED ON PLAN.
- WHERE NO DETAIL IS PROVIDED, CONSTRUCTION SHALL CONFORM TO SIMILAR CONDITIONS ON THE PROJECT AS PROVIDED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
- F1, F2, ETC. - AS SHOWN ON PLAN INDICATE ISOLATED FOOTINGS. SEE SCHEDULE.
- CF1, CF2, ETC. - AS SHOWN ON PLAN INDICATE CONTINUOUS FOOTINGS. SEE SCHEDULE.
- MW1, MW2, ETC. - AS SHOWN ON PLAN INDICATE MASONRY WALL. SEE SCHEDULE.
- ML16, ML24, ETC. - AS SHOWN ON PLAN INDICATE MASONRY LINTEL. SEE SCHEDULE.
- SC1, SC2, ETC. - AS SHOWN ON PLAN INDICATE STEEL COLUMNS. SEE SCHEDULE.
- SB1, SB2, ETC. - AS SHOWN ON PLAN INDICATE STEEL BEAMS. SEE SCHEDULE.
- SSL1, SSL2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD LINTELS. SEE SCHEDULE.
- SSW1, SSW2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD WALLS. SEE SCHEDULE.
- SSJ1, SSJ2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD JOISTS. SEE SCHEDULE.
- MCJ - AS SHOWN ON PLAN INDICATES MASONRY CONTROL JOINT. INSTALL PER TYPICAL DETAIL, G.S.N. AND ARCH'L SPECIFICATIONS.
- CONC. C.J. - AS SHOWN ON PLAN INDICATES CONCRETE CONTROL JOINT. INSTALL AS SAW CUT JOINT OR CONSTRUCTION JOINT PER TYPICAL DETAIL AND G.S.N.
- MINIMUM BOTTOM OF FOOTING ELEVATION SHALL BE PER THE FOUNDATION SECTION OF THE G.S.N. AND INDICATED PROJECT GEOTECHNICAL REPORT, AS APPLICABLE. TYPICAL TOP OF FOOTING ELEVATION IS ANTICIPATED TO BE 2'-8" (4 MASONRY COURSES) BELOW FINISHED FLOOR ELEVATION. EXACT BOTTOM OF FOOTING ELEVATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO ACCOMMODATE UNDERGROUND UTILITIES OR ADJACENT STRUCTURES AS REQUIRED PER THE GEOTECHNICAL REPORT AND TYPICAL FOUNDATION DETAILS. SHOULD A DISCREPANCY EXIST BETWEEN REQUIREMENTS OF THE STRUCTURAL DRAWINGS AND GEOTECHNICAL REPORT, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- FINISHED FLOOR ELEVATION PER ARCH'L AND CIVIL DRAWINGS, CONSIDERED AS 0'-0" HEREIN.

FOUNDATION PLAN KEY NOTES:

- BOLLARD AND DRILLED PIER FOUNDATION PER TYPICAL DETAIL WHERE SHOWN PER ARCH'L. INSTALL PIER FOUNDATION THRU SPREAD FOOTING AS OCCURS.
- 2 1/2" THICK TYPE 316 STAINLESS STEEL GRATING PER G.S.N. OVER RECESSED PIT
- SLOPE SLAB AS OCCURS PER ARCH'L - TYPICAL. MAINTAIN SLAB THICKNESS
- 6" CONCRETE SLAB WITH MICROFIBER REINFORCEMENT PER G.S.N. OVER 4" A.B.C. OVER PREPARED SUBGRADE PER GEOTECHNICAL REPORT (ACCEPTABLE FOR MAX 12,000 # EQUIPMENT POINT LOAD OVER 12' SQUARE AREA OR 250 PSF UNIFORM EQUIPMENT LOAD)
- EXISTING 12" THICK x 18" WIDE CONTINUOUS CONCRETE FOOTING AT EXTERIOR WALL OF EXISTING BUILDING - TYPICAL CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION
- DEMO NEW OPENING IN EXISTING STEEL STUD BEARING / SHEAR WALL. CONTRACTOR TO SHORE EXISTING WALL AND ROOF FRAMING BEFORE BEGINNING DEMO
- EXISTING 6" CONCRETE SLAB WITH FIBERMESH OVER 4" A.B.C. FILL (EXISTING ISOLATED EQUIPMENT FOUNDATIONS ARE PRESENT AS OCCURS)
- EXISTING STEEL STUD WALL WITH 5/8" THICK GYPBOARD OVER 3/8" PLYWOOD SHEATHING OVER 800S162-54 AT 16" O.C. AND (3) STUDS BELOW EACH EXISTING ROOF JOIST
- CENTER WALL WITH WEIR PER CUT DETAIL. AT CONTRACTOR'S OPTION, ELIMINATE CENTER WALL AND PROVIDE 5" DEEP TYPE 316 STAINLESS STEEL GRATING PER G.S.N.
- 4" THICK CONCRETE SLAB ON GRADE WITH 6x6-W2.9 W.W.F. CHAISED PER TYPICAL DETAIL OVER 15 ML VAPOR BARRIER PER G.S.N. OVER 4" A.B.C. OVER PREPARED SUBGRADE PER GEOTECHNICAL REPORT.
- MATCH BOTTOM OF NEW FOOTING TO EXISTING AND PROVIDE #4x20" DOWELS AT 24" O.C. EPOXIED PER G.S.N. WITH 6" EMBEDMENT INTO EXISTING FOOTING. LOCATE DOWELS 3" UP FROM BOTTOM OF EXISTING FOOTING.
- EXISTING 12" x 16" FOOTING AT EXTERIOR WALL OF EXISTING P.E.M.B. - TYPICAL CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION.
- EXISTING 12"x6'-0" SQUARE FOOTING AT EXISTING P.E.M.B. FRAME COLUMN - TYPICAL CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION.

STRAPPED WALL (SW) SCHEDULE

NOTES:

- SEE SHEET FOR TYPICAL CONNECTION TYPE DETAILS.
- INSTALL STRAPS IN FULL LENGTH SECTIONS WHEREVER POSSIBLE. WHERE STRAPS ARE TO BE SPLICED DUE TO MATERIAL LENGTH LIMITATIONS, OVERLAP STRAP SECTIONS AS REQUIRED TO INSTALL STRAP SCREWS NOTED IN THE SCHEDULE. ALL SPLICES MUST OCCUR AWAY FROM END CONNECTION LOCATIONS.
- INSTALL STRAPS ON SIDE OF WALL INDICATED ON THE FOUNDATION PLANS UNLESS WALL TYPE IS NOTED TO HAVE STRAPS ON BOTH SIDES OF THE WALL.
- REFER TO STRUCTURAL NOTES AND OTHER DETAILS FOR METAL STUD AND TRACK SIZE AND GAGE REQUIREMENTS AT THE SPECIFIC WALL LOCATION.
- ALL STRAP AND CONNECTION PLATE MATERIAL IS TO HAVE MINIMUM FY = 33 KSI.
- SEE STRUCTURAL NOTES FOR ADDITIONAL SCREW REQUIREMENTS.
- WALL SEGMENT LENGTHS INDICATED ARE APPROXIMATE. COORDINATE EXACT LENGTH REQUIREMENTS BASED ON END OF WALL LOCATIONS PER ARCH DWGS WHERE APPLICABLE. ACTUAL LENGTHS SHOULD NOT VARY FROM LENGTH INDICATED BY MORE THAN 4 INCHES. NOTIFY ENGINEER IF OTHERWISE.

MARK	WALL LENGTH (FEET)	STRAP WIDTH (INCHES)	BOTH SIDES OF WALL?	CONNECTION TYPE	NUMBER OF SCREWS	SIMPSON HOLD-DOWN	ANCHOR ROD	TRACK PAF
SW1	41'-0"	10	YES	A	21	17	23	SHDU11 7/8" DIA. 4" O.C.
SW2	54'-0"	10	YES	A	20	24	40	SHDU9 7/8" DIA. 6" O.C.
SW3	15'-0"	7	NO	A	16	13	8	SHDU4 5/8" DIA. 6" O.C.
SW4	29'-0"	9	NO	A	21	23	27	SHDU6 5/8" DIA. 6" O.C.
SW5	13'-0"	2	NO	A	5	4	4	N/A N/A 12" O.C.
SW6	32'-0"	3	NO	A	6	8	9	N/A N/A 12" O.C.
SW7	25'-0"	2	NO	A	5	6	5	N/A N/A 12" O.C.
SW8	10'-0"	2	NO	A	5	4	4	N/A N/A 12" O.C.

1 BLDG #1 - FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

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CONSTRUCTION

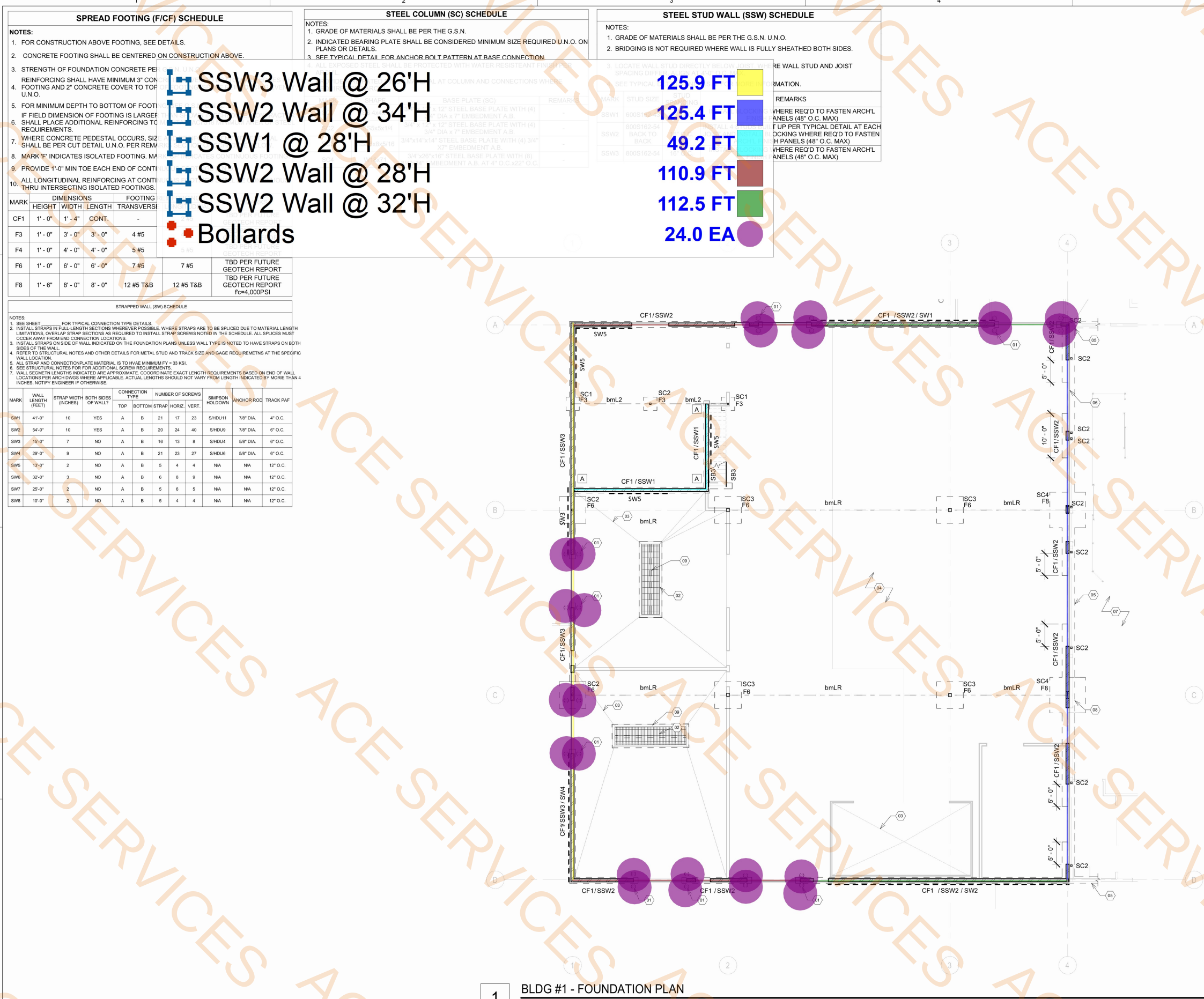
TRIAx INDUSTRIES, LLC

TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
Project Status - Issue Date

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BLDG #1 -
FOUNDATION
PLAN

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BLDG #1 - FOUNDATION PLAN

SCALE: 3/32" = 1'-0"

TRIAx INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK

6519 WEST ALLISON ROAD

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PROJECT NUMBER KS-00

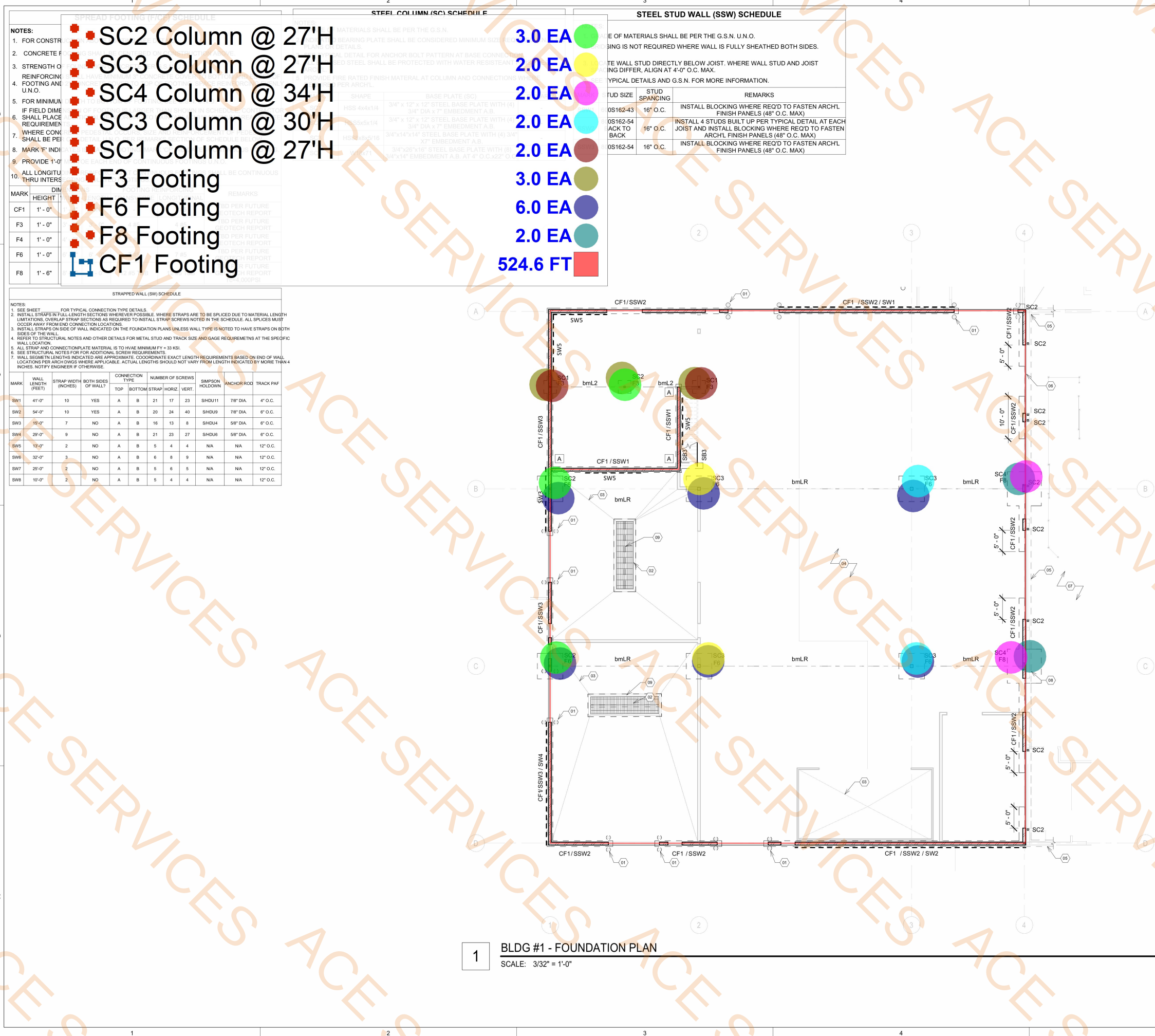
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PLAN NOTES - TYP U.N.O.:

- CONTRACTOR SHALL VERIFY EXACT DIMENSIONS WITH ARCHITECTURAL DRAWINGS AND FIELD CONDITIONS. DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN PROVIDED BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY EXCEPT WHERE A MAXIMUM OR MINIMUM STRUCTURAL LIMIT HAS BEEN SPECIFIED. ANY DISCREPANCY IN DIMENSIONS SHALL BE RESOLVED IMMEDIATELY BY THE CONTRACTOR THROUGH THE ARCHITECT.
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- F1, F2, ETC. - AS SHOWN ON PLAN INDICATE ISOLATED FOOTINGS. SEE SCHEDULE.
- CF1, CF2, ETC. - AS SHOWN ON PLAN INDICATE CONTINUOUS FOOTINGS. SEE SCHEDULE.
- MW1, MW2, ETC. - AS SHOWN ON PLAN INDICATE MASONRY WALL. SEE SCHEDULE.
- ML16, ML24, ETC. - AS SHOWN ON PLAN INDICATE MASONRY LINTEL. SEE SCHEDULE.
- SC1, SC2, ETC. - AS SHOWN ON PLAN INDICATE STEEL COLUMNS. SEE SCHEDULE.
- SB1, SB2, ETC. - AS SHOWN ON PLAN INDICATE STEEL BEAMS. SEE SCHEDULE.
- SSL1, SSL2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD LINTELS. SEE SCHEDULE.
- SSW1, SSW2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD WALLS. SEE SCHEDULE.
- SSJ1, SSJ2, ETC. - AS SHOWN ON PLAN INDICATE STEEL STUD JOISTS. SEE SCHEDULE.
- MCJ - AS SHOWN ON PLAN INDICATES MASONRY CONTROL JOINT. INSTALL PER TYPICAL DETAIL, G.S.N. AND ARCH'L SPECIFICATIONS.
- CONC. C.J. - AS SHOWN ON PLAN INDICATES CONCRETE CONTROL JOINT. INSTALL AS SAW CUT JOINT OR CONSTRUCTION JOINT PER TYPICAL DETAIL AND G.S.N.
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- FINISHED FLOOR ELEVATION PER ARCH'L AND CIVIL DRAWINGS, CONSIDERED AS 0'-0" HEREIN.

FOUNDATION PLAN KEY NOTES:

- BOLLARD AND DRILLED PIER FOUNDATION PER TYPICAL DETAIL WHERE SHOWN PER ARCH'L. INSTALL PIER FOUNDATION THRU SPREAD FOOTING AS OCCURS.
- 2 1/2" THICK TYPE 316 STAINLESS STEEL GRATING PER G.S.N. OVER RECESSED PIT
- SLOPE SLAB AS OCCURS PER ARCH'L - TYPICAL. MAINTAIN SLAB THICKNESS
- 6" CONCRETE SLAB WITH MICROFIBER REINFORCEMENT PER G.S.N. OVER 4" A.B.C. OVER PREPARED SUBGRADE PER GEOTECHNICAL REPORT (ACCEPTABLE FOR MAX 12,000 # EQUIPMENT POINT LOAD OVER 12" SQUARE AREA OR 250 PSF UNIFORM EQUIPMENT LOAD)
- EXISTING 12" THICK x 18" WIDE CONTINUOUS CONCRETE FOOTING AT EXTERIOR WALL OF EXISTING BUILDING - TYPICAL CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION
- DEMO NEW OPENING IN EXISTING STEEL STUD BEARING / SHEAR WALL. CONTRACTOR TO SHORE EXISTING WALL AND ROOF FRAMING BEFORE BEGINNING DEMO
- EXISTING 6" CONCRETE SLAB WITH FIBERMESH OVER 4" A.B.C. FILL (EXISTING ISOLATED EQUIPMENT FOUNDATIONS ARE PRESENT AS OCCURS)
- EXISTING STEEL STUD WALL WITH 5/8" THICK GYPBOARD OVER 3/8" PLYWOOD SHEATHING OVER 800S162-54 AT 16" O.C. AND (3) STUDS BELOW EACH EXISTING ROOF JOIST
- CENTER WALL WITH WEIR PER CUT DETAIL. AT CONTRACTOR'S OPTION, ELIMINATE CENTER WALL AND PROVIDE 5" DEEP TYPE 316 STAINLESS STEEL GRATING PER G.S.N.
- 4" THICK CONCRETE SLAB ON GRADE WITH 6x6-W2.9 W.W.F. CHAISED PER TYPICAL DETAIL OVER 15 ML VAPOR BARRIER PER G.S.N. OVER 4" A.B.C. OVER PREPARED SUBGRADE PER GEOTECHNICAL REPORT
- MATCH BOTTOM OF NEW FOOTING TO EXISTING AND PROVIDE #4x20" DOWELS AT 24" O.C. EPOXIED PER G.S.N. WITH 6" EMBEDMENT INTO EXISTING FOOTING. LOCATE DOWELS 3" UP FROM BOTTOM OF EXISTING FOOTING.
- EXISTING 12" x 16" FOOTING AT EXTERIOR WALL OF EXISTING P.E.M.B. - TYPICAL CONTRACTOR TO FIELD VERIFY PRIOR TO NEW CONSTRUCTION.
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STRAPPED WALL (SW) SCHEDULE

NOTES:
1. SEE SHEET FOR TYPICAL CONNECTION TYPE DETAILS.
2. INSTALL STRAPS IN FULL LENGTH SECTIONS WHEREVER POSSIBLE. WHERE STRAPS ARE TO BE SPICED DUE TO MATERIAL LENGTH LIMITATIONS, OVERLAP STRAP SECTIONS AS REQUIRED TO INSTALL STRAP SCREWS NOTED IN THE SCHEDULE. ALL SPICES MUST OCCUR AWAY FROM END CONNECTION LOCATIONS.
3. INSTALL STRAPS ON SIDE OF WALL INDICATED ON THE FOUNDATION PLANS UNLESS WALL TYPE IS NOTED TO HAVE STRAPS ON BOTH SIDES OF THE WALL.
4. REFER TO STRUCTURAL NOTES AND OTHER DETAILS FOR METAL STUD AND TRACK SIZE AND GAGE REQUIREMENTS AT THE SPECIFIC WALL LOCATION.
5. ALL STRAP AND CONNECTION PLATE MATERIAL IS TO HAVE MINIMUM F_y = 33 KSI.
6. SEE STRUCTURAL NOTES FOR ADDITIONAL SCREW REQUIREMENTS.
7. WALL SEGMENT LENGTHS INDICATED ARE APPROXIMATE. COORDINATE EXACT LENGTH REQUIREMENTS BASED ON END OF WALL LOCATIONS PER ARCH DWGS WHERE APPLICABLE. ACTUAL LENGTHS SHOULD NOT VARY FROM LENGTH INDICATED BY MORE THAN 4 INCHES. NOTIFY ENGINEER IF OTHERWISE.

MARK	WALL LENGTH (FEET)	STRAP WIDTH (INCHES)	BOTH SIDES OF WALL?	CONNECTION TYPE		NUMBER OF SCREWS		SIMPSON HOLD-DOWN	ANCHOR ROD	TRACK PAF	
				TOP	BOTTOM	STRAP	HORIZ. VERT.				
SW1	41'-0"	10	YES	A	B	21	17	23	SHDU11	7/8" DIA.	4" O.C.
SW2	54'-0"	10	YES	A	B	20	24	40	SHDU9	7/8" DIA.	6" O.C.
SW3	15'-0"	7	NO	A	B	16	13	8	SHDU4	5/8" DIA.	6" O.C.
SW4	29'-0"	9	NO	A	B	21	23	27	SHDU6	5/8" DIA.	6" O.C.
SW5	13'-0"	2	NO	A	B	5	4	4	N/A	N/A	12" O.C.
SW6	32'-0"	3	NO	A	B	6	8	9	N/A	N/A	12" O.C.
SW7	25'-0"	2	NO	A	B	5	6	5	N/A	N/A	12" O.C.
SW8	10'-0"	2	NO	A	B	5	4	4	N/A	N/A	12" O.C.

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CONSTRUCTION

TRIAX INDUSTRIES, LLC

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LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
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DATE REVISION

PROJECT NUMBER KS-00

BLDG #1 -
FOUNDATION
PLAN

S101

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STEEL STUD JOIST (SSJ) SCHEDULE				
NOTES:				
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.				
2. PROVIDE DEEPER JOIST SECTION WHERE REQ'D PER ARCH'L.				
3. BRIDGING IS NOT REQUIRED WHERE JOIST IS FULLY SHEATHED ALONG TOP FLANGE FOR SIMPLE SPAN OR BOTTOM FLANGE FOR CANTILEVER. OTHERWISE, PROVIDE BRIDGING AT MID SPAN U.N.O.				
4. LOCATE WALL STUD DIRECTLY BELOW JOIST. WHERE WALL STUD AND JOIST SPACING DIFFER, ALIGN AT 4'-0" O.C. MAX.				
5. SEE TYPICAL DETAILS AND G.S.N. FOR MORE INFORMATION.				
MARK	JOIST SIZE	JOIST SPACING	REMARK	
SSJ1	800S162-43	16" O.C.	MIDSPAN BLOCKING	
SSJ2	800S162-54	16" O.C.	MIDSPAN BLOCKING	
SSJ3	1000S250-54 BACK TO BACK	16" O.C.	-	

STEEL BEAM (SB) SCHEDULE				
NOTES:				
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.				
2. INDICATED CAMBER SHALL BE PROVIDED AT MIDD SPAN OF BEAM. WHERE CAMBER IS NOT INDICATED, INSTALL AS ROLLED CAMBER CROWN UP.				
3. BEAMS SHALL BE INSTALLED LLV U.N.O.				
4. INDICATED BEARING PLATE SHALL BE CONSIDERED MINIMUM SIZE REQUIRED U.N.O. ON PLANS OR DETAILS.				
5. SEE DETAILS FOR REQUIRED WELDED OR BOLTED CONNECTIONS TO SUPPORTS. SEE TYPICAL DETAIL FOR MINIMUM BOLTS AT BEAM TO BEAM CONNECTION. IF NO BOLTS OR WELD ARE SHOWN, PROVIDE A MINIMUM 3/16" FILLET OR FLARE BEVEL WELD ALL AROUND FAYING SURFACES AT POINT OF CONNECTION.				
6. ALL EXPOSED STEEL SHALL BE PROTECTED WITH WATER RESISTANT FINISH ARCH'L.				
7. PROVIDE FIRE RATED FINISH MATERIAL AT BEAM AND CONNECTIONS WHERE REQUIRED PE ARCH'L.				
MARK	SHAPE SB	CAMBER	BEARING PLATE	REMARKS
SB1	W14X22	-	-	-
SB2	W14X34	-	-	-
SB3	C12x20.7	-	-	-
SB4	W18x71	-	-	-
SB5	W24x62	-	-	-
SB6	W24x55	-	-	-
SB7	W18x35	-	-	-

STEEL STUD LINTEL (SSL) SCHEDULE					
1. GRADE OF MATERIALS SHALL BE PER THE G.S.N.					
2. ALL LINTELS STUDS SHALL BE DOUBLE STUDS ARRANGED AS A BACK-TO-BACK BEAM PER TYPICAL DETAIL UNLESS NOTED OTHERWISE.					
3. TRACK SHALL MATCH WIDTH OF WALL. INSTALL TO TOP AND BOTTOM OF LINTEL NAD FASTEN TO LINTEL STUDS WITH 2#10 TOP AND 2#10 BOTTOM AT 12" O.C.					
4. TRIMMER (JACKS, BEARING) STUDS ARE PARTIAL HEIGHT AND OCCUR BELOW BOTTOM OF LINTEL BEARING EACH END.					
5. KING STUDS ARE FULL HEIGHT AND RUN PAST THE LINTEL EACH END.					
6. WHERE WEB STIFFENERS ARE INDICATED, INSTALL EACH END OF LINTEL PER TYPICAL DETAILS.					
7. SEE TYPICAL DETAILS FOR LINTEL ASSEMBLY.					
MARK	LINTEL SIZE	TRACK SIZE	TRIMMERS	KINGS	REMARKS
SSL1	600S162-43	800T125-54	1	1	600T154-54 TRACK AT BUILDING 2
SSL2	600S162-43	800T125-54	1	3	-
SSL3	1000S200-68	800T125-54	2	4	-
SSL4	800S162-54	800T125-54	1	2	600T154-54 TRACK AT BUILDING 2
SSL5	800S162-68	800T125-54	2	2	-
SSL6	1000S200-54	800T125-54	2	5	600T125-54 TRACK AT INTERIOR SLIDING DOOR
SSL7	1200S300-68	800T125-68	2	4	-
SSL8	1200S200-97	800T125-68	4	2	-
SSL9	1400S200-97	800T125-97	4	3	-
SSL10	1600S300-97	800T125-97	3	3	-
SSL11	1600S200-97 BOXED	800T125-97	4	8	PROVIDE WEB STIFFENERS
SSL12	HSS12x6x1/2	800T125-54	COLUMN	COLUMN	-

- SB4 Beam
- SSL1 Lintel
- SSL2 Lintel
- SSL6 Lintel
- SSL9 Lintel
- SSL12 Lintel
- SSL4 Lintel
- SSL10 Lintel
- SSL8 Lintel
- SSL7 Lintel
- SSL11 Lintel
- SSL5 Lintel
- SSJ3 Joists @ 16" O.C & Wood Sheathing
- SB3 Beam

- 34.3 FT
- 12.1 FT
- 15.7 FT
- 33.0 FT
- 26.0 FT
- 74.5 FT
- 7.9 FT
- 56.5 FT
- 15.6 FT
- 32.9 FT
- 15.5 FT
- 7.8 FT
- 1173.1 SQ FT
- 15.1 FT



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- # FRAMING KEY NOTES:**
- WOOD FLOOR SHEATHING PER G.S.N.
 - STEEL ROOF DECK PER G.S.N.
 - EXISTING LINTEL FRAMING AND OPENING TO REMAIN
 - SSL2 LINTEL AT EACH HIGH OPENING BETWEEN BEAMS ALONG GRIDLINE 4

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PROJECT NUMBER KS-00

BLDG #1 -
MEZZANINE
FRAMING
PLAN

S103

1 BLDG #1 -MEZZANINE FRAMING PLAN
SCALE: 3/32" = 1'-0"

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- 44"x38" Supply Air Device
- 40"x34" Return Air Device
- TG 36"x24"
- 22"x18" Supply Air Device
- 24"x16" Return Air Device
- 24"x14" Return Air Device
- EF-02
- EF-03
- EF-04
- EF-05

- 2.0 EA
- 2.0 EA
- 2.0 EA
- 2.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
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REFERENCE NOTES

FFKR ARCHITECTS
58 S River Drive, Suite 350, Tempe, AZ 85288
480.362.1361 FFKR.COM

CM ASSOCIATES
ENGINEERS
706 E. BELL RD., SUITE 215
PHOENIX, ARIZONA, 85022
INFO@CMMEP.COM
(602) 899-2512
www.CMMEP.com
PROJECT No. 24082

TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
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65% COORDINATION - 09/05/2025

DATE REVISION

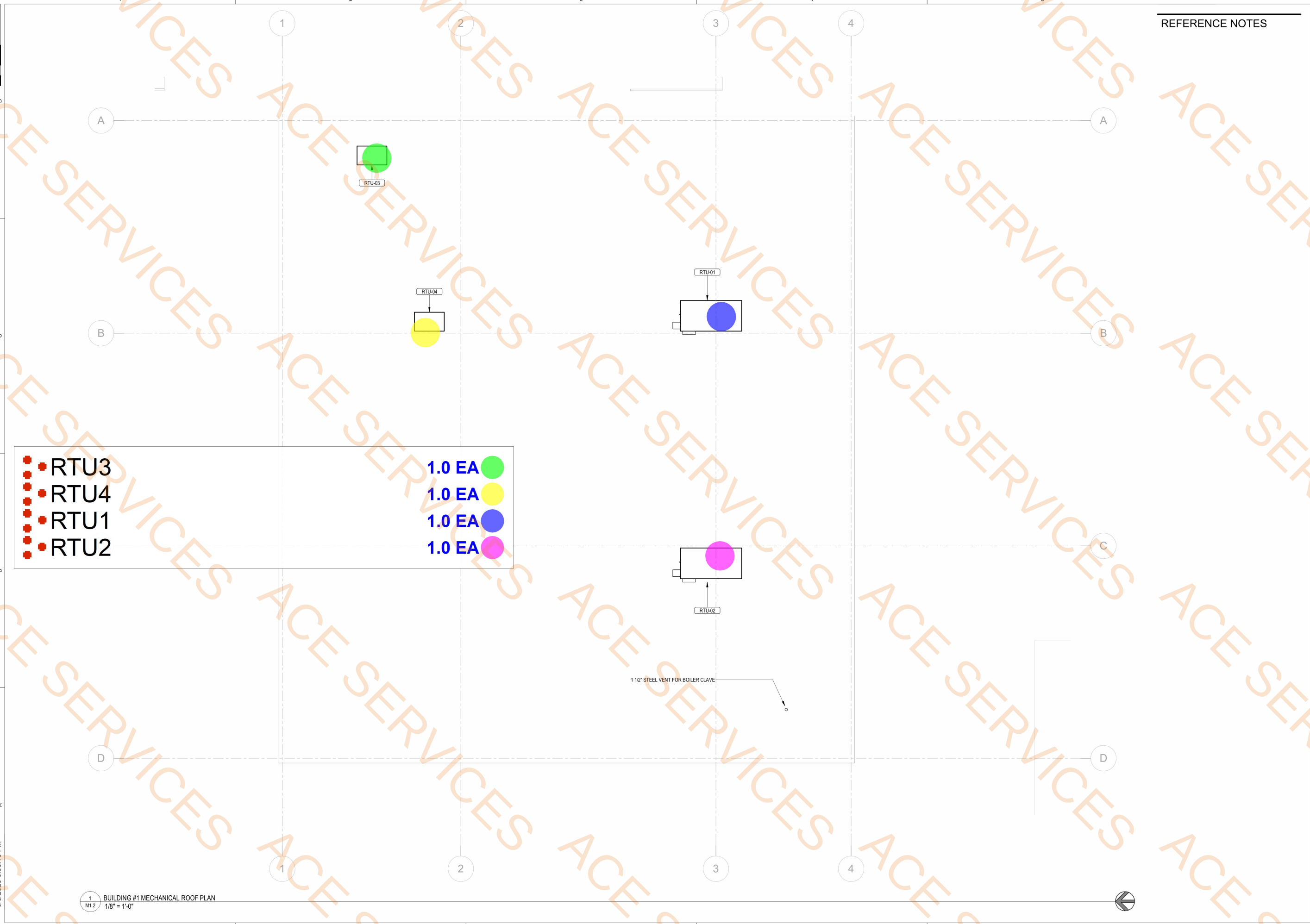
PROJECT NUMBER 24082

**BUILDING
#1
MECHANICAL
PLAN**

M1.1

1 BUILDING #1 MECHANICAL PLAN
M1.1 1/8" = 1'-0"

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ENGINEERS**
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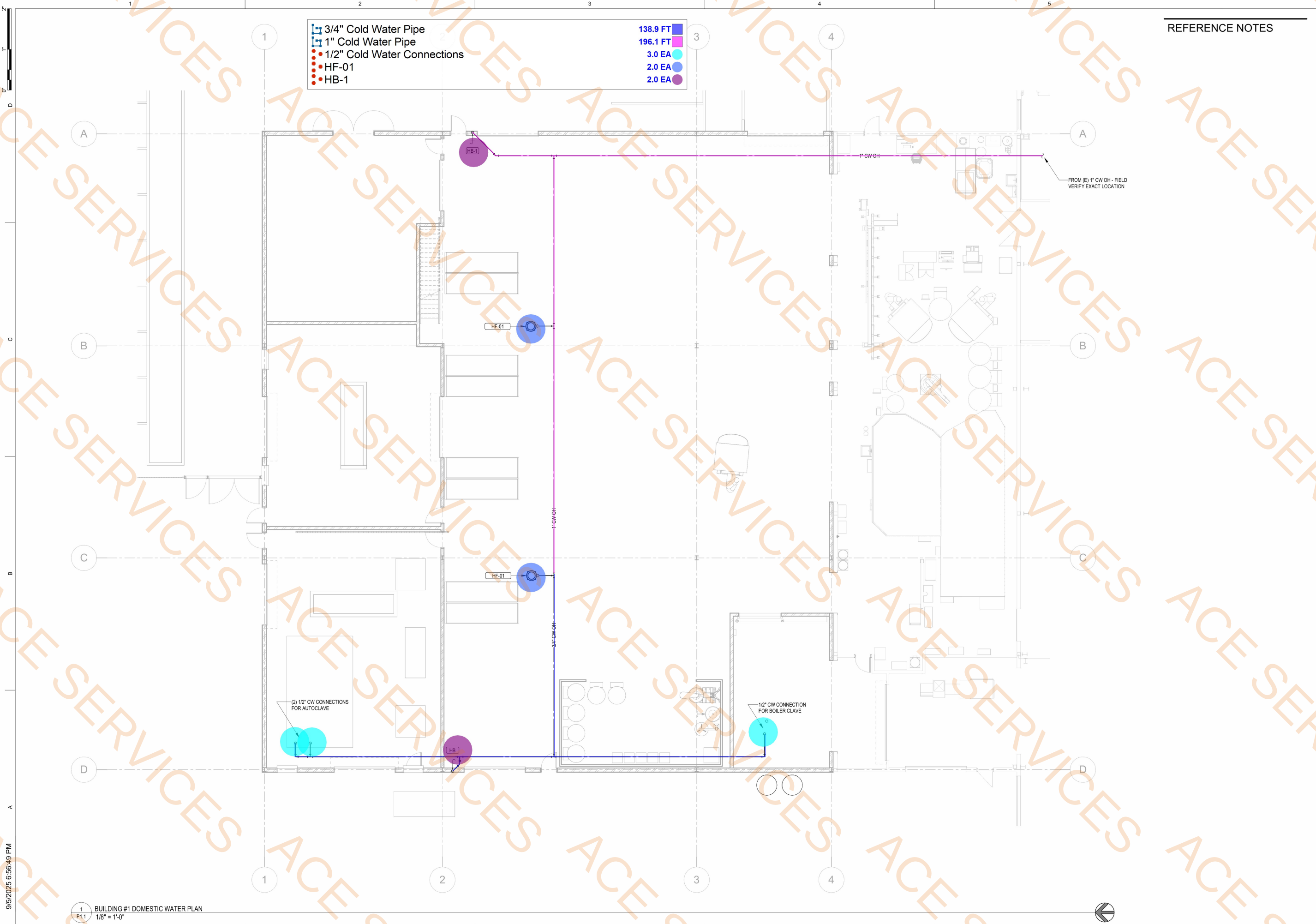
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65% COORDINATION - 09/05/2025

△ DATE REVISION

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**BUILDING
#1
MECHANICAL
ROOF
PLAN**

M1.2



REFERENCE NOTES

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58 S River Drive, Suite 350, Tempe, AZ 85288
480.362.1361 FFKR.COM

CM ASSOCIATES
ENGINEERS
706 E. BELL RD., SUITE 215
PHOENIX, ARIZONA, 85022
INFO@CMMEP.COM
(602) 899-2512
www.CMMEP.com
PROJECT No. 24082

TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
65% COORDINATION - 09/05/2025

△	DATE	REVISION
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PROJECT NUMBER 24082

**BUILDING
#1
DOMESTIC
WATER
PLAN**

P1.1

1 BUILDING #1 DOMESTIC WATER PLAN
P1.1 1/8" = 1'-0"

9/5/2025 6:56:49 PM

9/5/2025 6:56:49 PM

- 2" Ground Clean Out
- 2" P-14
- 1-1/2" Steel Vent For Boiler
- 2" Water Pipe

- 1.0 EA
- 1.0 EA
- 1.0 EA
- 8.1 FT

REFERENCE NOTES

FFKR ARCHITECTS
58 S River Drive, Suite 390, Tempe, AZ 85288
480.362.1361 FFKR.COM

CM ASSOCIATES
ENGINEERS
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PHOENIX, ARIZONA 85022
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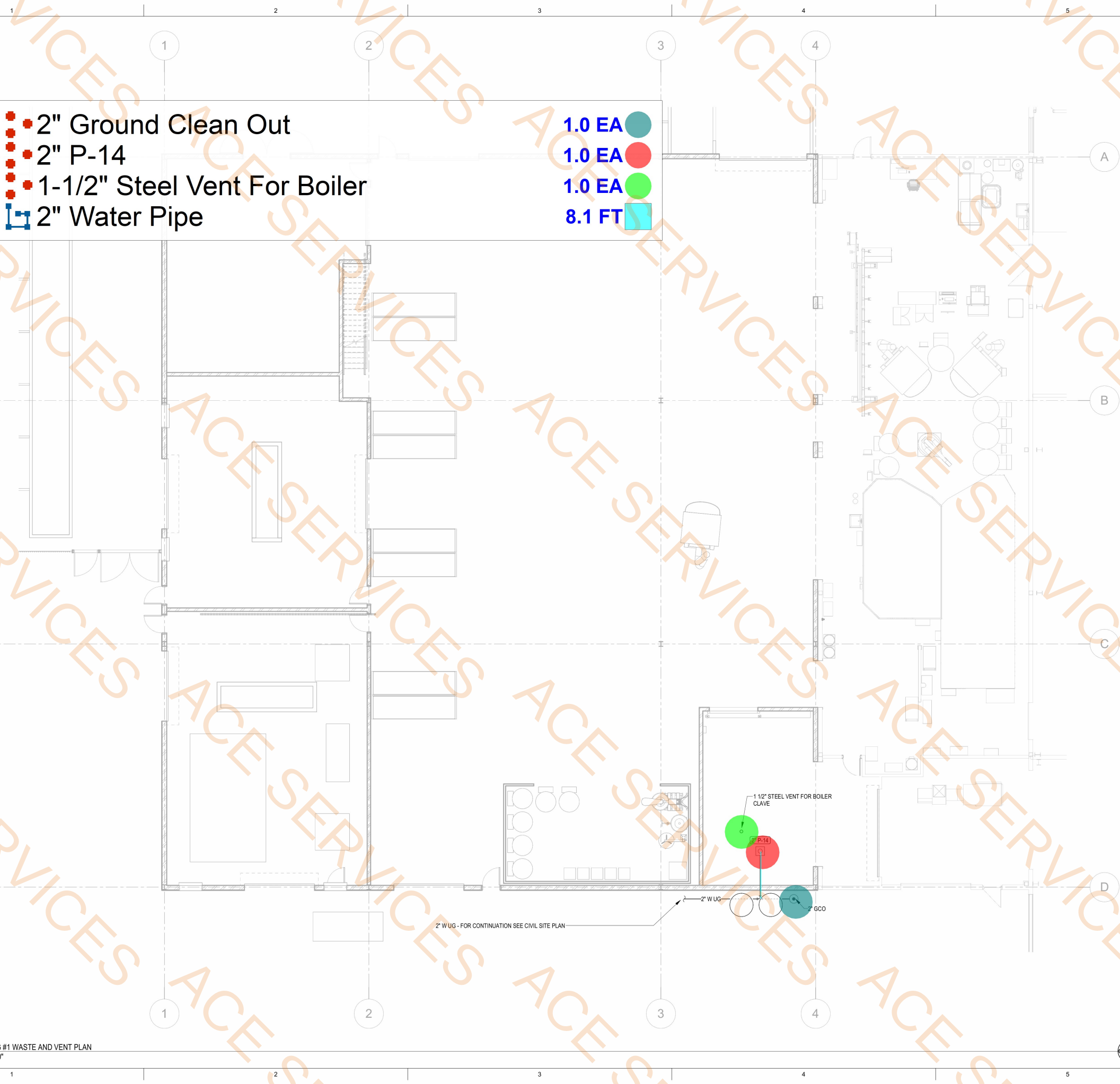
△	DATE	REVISION
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PROJECT NUMBER 24082

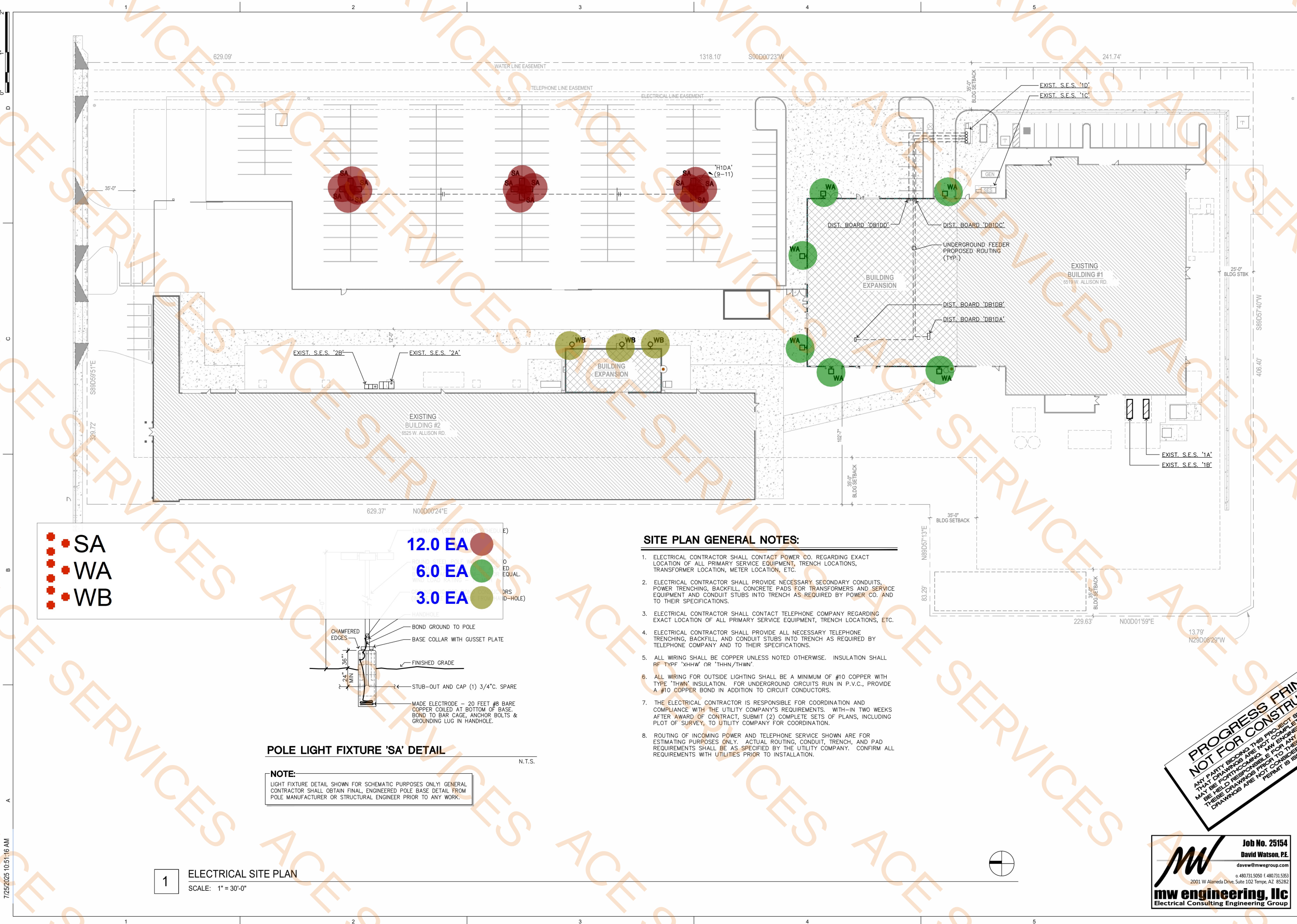
BUILDING
#1 WASTE
AND VENT
PLAN

P1.2

1
P1.2
BUILDING #1 WASTE AND VENT PLAN
1/8" = 1'-0"



7/25/2025 10:51:16 AM



SITE PLAN GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL CONTACT POWER CO. REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, TRENCH LOCATIONS, TRANSFORMER LOCATION, METER LOCATION, ETC.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY SECONDARY CONDUITS, POWER TRENCHING, BACKFILL, CONCRETE PADS FOR TRANSFORMERS AND SERVICE EQUIPMENT AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY POWER CO. AND TO THEIR SPECIFICATIONS.
3. ELECTRICAL CONTRACTOR SHALL CONTACT TELEPHONE COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, TRENCH LOCATIONS, ETC.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE TRENCHING, BACKFILL, AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY TELEPHONE COMPANY AND TO THEIR SPECIFICATIONS.
5. ALL WIRING SHALL BE COPPER UNLESS NOTED OTHERWISE. INSULATION SHALL BE TYPE 'XHHW' OR 'THHN/THWN'.
6. ALL WIRING FOR OUTSIDE LIGHTING SHALL BE A MINIMUM OF #10 COPPER WITH TYPE 'THWN' INSULATION. FOR UNDERGROUND CIRCUITS RUN IN P.V.C., PROVIDE A #10 COPPER BOND IN ADDITION TO CIRCUIT CONDUCTORS.
7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND COMPLIANCE WITH THE UTILITY COMPANY'S REQUIREMENTS. WITH-IN TWO WEEKS AFTER AWARD OF CONTRACT, SUBMIT (2) COMPLETE SETS OF PLANS, INCLUDING PLOT OF SURVEY, TO UTILITY COMPANY FOR COORDINATION.
8. ROUTING OF INCOMING POWER AND TELEPHONE SERVICE SHOWN ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL ROUTING, CONDUIT, TRENCH, AND PAD REQUIREMENTS SHALL BE AS SPECIFIED BY THE UTILITY COMPANY. CONFIRM ALL REQUIREMENTS WITH UTILITIES PRIOR TO INSTALLATION.

POLE LIGHT FIXTURE 'SA' DETAIL

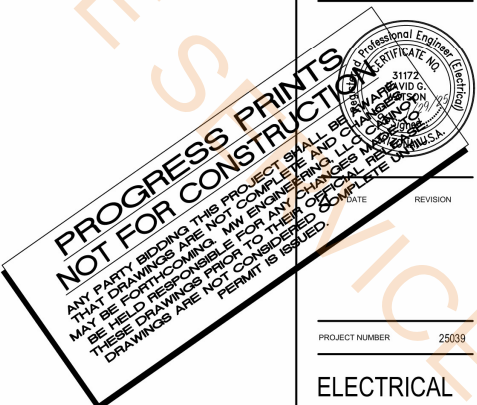
NOTE:

LIGHT FIXTURE DETAIL SHOWN FOR SCHEMATIC PURPOSES ONLY! GENERAL CONTRACTOR SHALL OBTAIN FINAL, ENGINEERED POLE BASE DETAIL FROM POLE MANUFACTURER OR STRUCTURAL ENGINEER PRIOR TO ANY WORK.

FFKR ARCHITECTS
730 Pacific Avenue • Salt Lake City, Utah 84104
O 801.521.6186 • FFKR.COM



TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025



mw engineering, llc
Electrical Consulting Engineering Group
Job No. 25154
David Watson, P.E.
dave@mwgroup.com
a 480.731.5050 | 480.731.5353
2001 W Alameda Drive, Suite 102 Tempe, AZ 85282

PROJECT NUMBER 25039
ELECTRICAL SITE PLAN
ES-101

- Junction Box
- Duplex Receptacle
- Disconnect Switch
- Four Plex Receptacle
- AC Magnetic Starter
- Ceiling Mounted Humidification Fan
- 75 kva Transformer

- 1.0 EA
- 6.0 EA
- 20.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 2.0 EA

AUTOCLAVE /
OPEN KETTLE
CORE REMOVAL
105
35 x 47
CONC.

CORE
REMOVAL
TANK #2

RINSE
STATION
TANK

CORE
REMOVAL
TANK #1

AUTOCLAVE
WATER: 2x15MM -
1 NO. FOR FLUSH/COOL PUMP
1 NO. FOR CAUSTIC DILUTION
ELEC: 110V, SINGLE PHASE FOR CABINET
ELEC: 480V, 3 PHASE W/O NEUTRAL
SUPPLY TO BE RATED TO SUPPORT:
HEATING: 38.0 KW
FILL PUMP: 2.2KW
FLUSH PUMP: 2.2KW
CONTROL PANEL: 3.0KW
TOTAL 43.4 KW
AIR: 15mm COMPRESSED AIR
AIR: 15mm RATED 100 PSI
FOR PNEUMATIC OPERATION OF VALVES

SHELL STORAGE
101
25 x 124

BOILER CLAVE
103
19 x 30
CONC.

MAINTEN
EX-1

1 BLDG #1 - POWER PLAN
SCALE: 1/4" = 1'-0"

BLDG #1 KEYMAP

PROGRESS PRINTS
NOT FOR CONSTRUCTION
ANY PARTY BIDDING THIS PROJECT SHALL BE AWARE THAT ANY CHANGES TO THE DRAWINGS SHALL BE MADE BY THE ENGINEER. ANY CHANGES TO THE DRAWINGS SHALL BE MADE BY THE ENGINEER. ANY CHANGES TO THE DRAWINGS SHALL BE MADE BY THE ENGINEER.

Job No. 25154
David Watson, P.E.
dave@mwgroup.com
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O 801.521.6186 • FFKR.COM

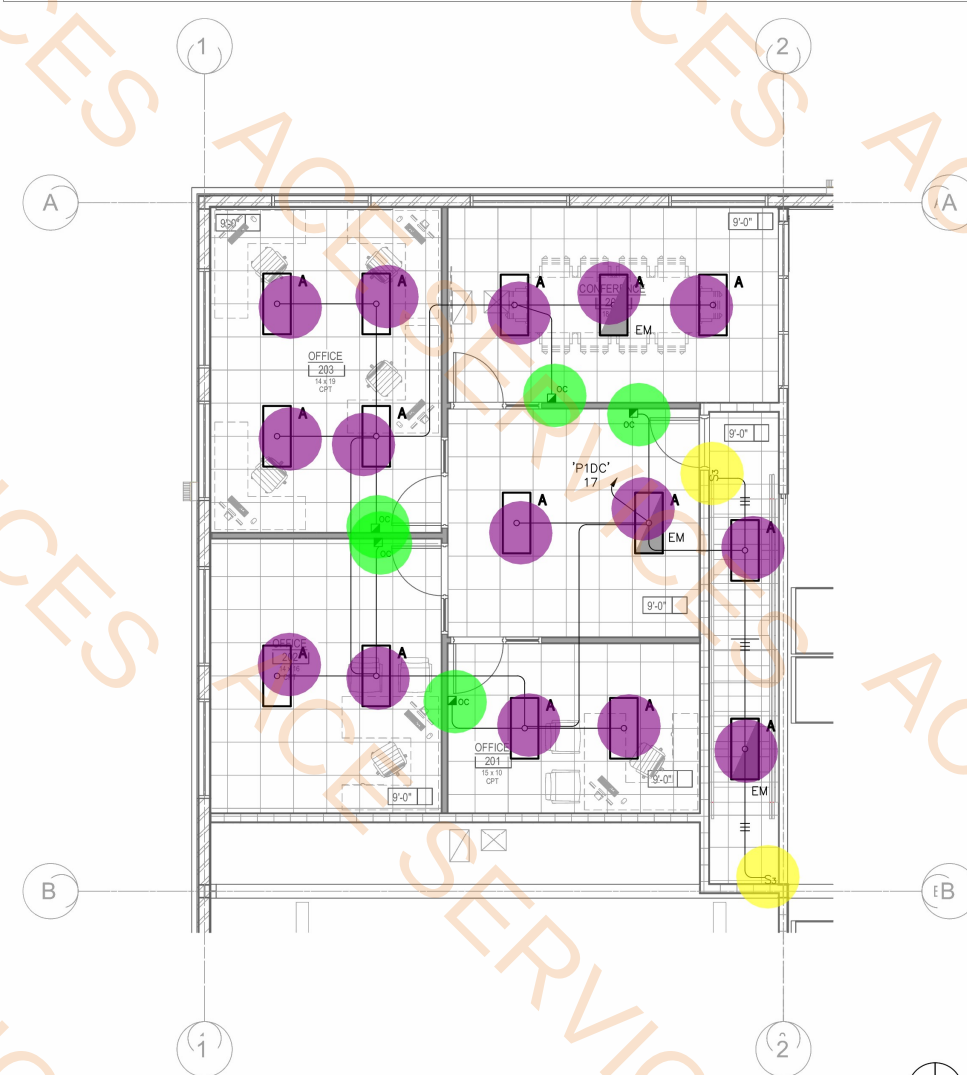
CONSTRUCTION
TRIAX
INDUSTRIES, LLC

TRIAX INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

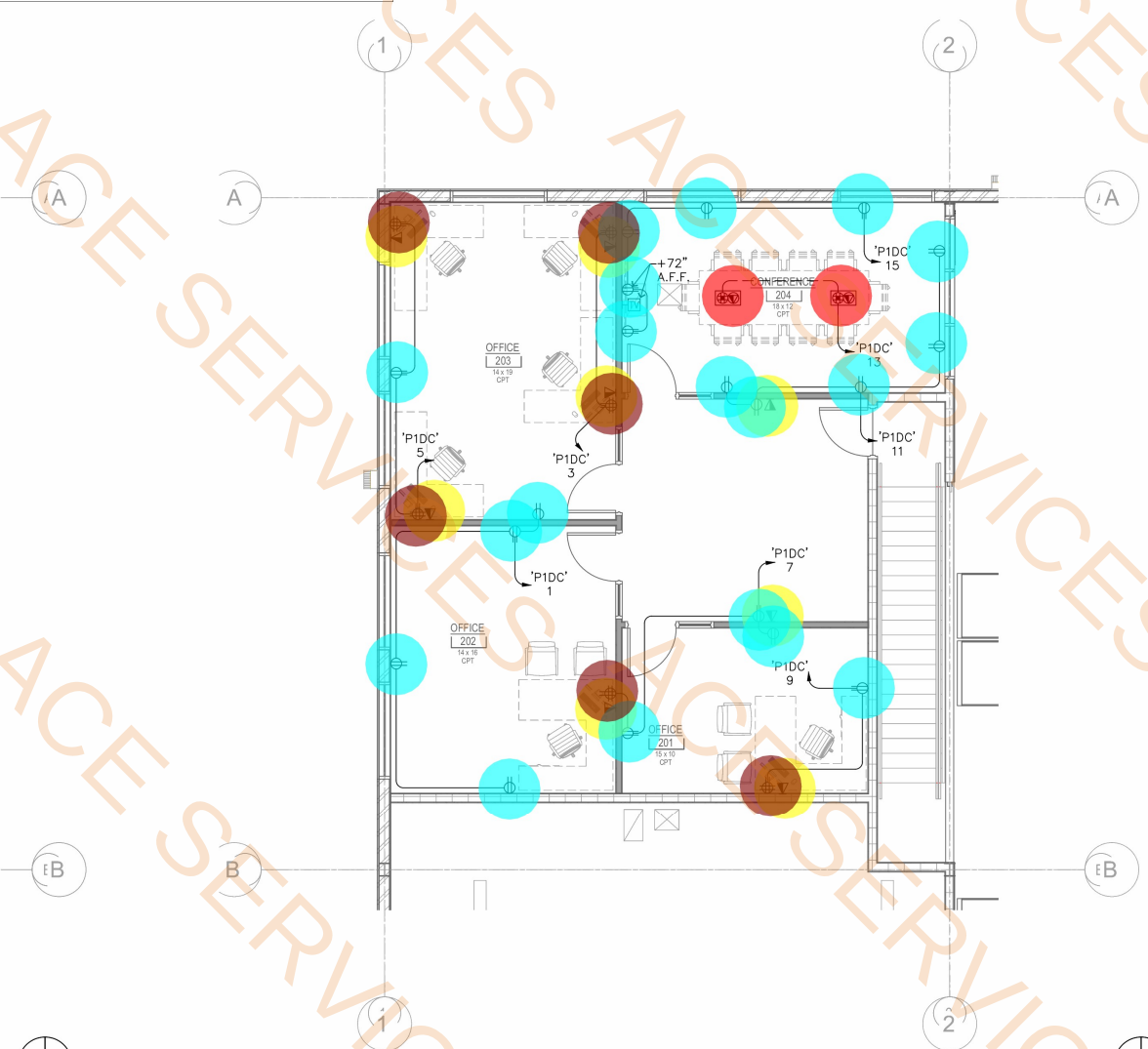
PROJECT NUMBER 25039
BLDG #1 -
POWER PLAN

E102

- A
 - Four Plex Receptacle
 - Duplex Receptacle
 - Data/Telephone Outlet
 - Flush Floor Fourplex
 - Dimmer Switch
 - Three Way Switch
- 15.0 EA
 - 6.0 EA
 - 19.0 EA
 - 8.0 EA
 - 2.0 EA
 - 5.0 EA
 - 2.0 EA



2 BLDG #1 - MEZZANINE LEVEL - LIGHTING PLAN
SCALE: 3/16" = 1'-0"



1 BLDG #1 - MEZZANINE LEVEL - POWER PLAN
SCALE: 3/16" = 1'-0"

mw engineering, llc
Electrical Consulting Engineering Group

Job No. 25154
David Watson, P.E.
dave@mwgroup.com
480.731.5050 | 480.731.5353
2001 W Alameda Drive, Suite 102 Tempe, AZ 85282

**PROGRESS PRINTS
NOT FOR CONSTRUCTION**

ANY PARTY BIDDING THIS PROJECT SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION CONTAINED HEREIN. ANY CHANGES TO THESE DRAWINGS SHALL BE MADE BY THE DESIGNER. THESE DRAWINGS ARE NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE DESIGNER.

Professional Engineer Seal: David Watson, P.E., No. 31172, State of Arizona.

REVISION

BLDG #1 -
MEZZANINE
POWER &
LIGHTING PLAN

E104

TRIAx INDUSTRIES EXPANSION
LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
CHANDLER, ARIZONA 85226
DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025



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7/25/2025 10:51:16 AM

- GFCI Receptacle
- Disconnect Switch

2.0 EA
2.0 EA

1 BLDG #1 - ROOF PLAN
SCALE: 3/32" = 1'-0"

mw engineering, llc
Electrical Consulting Engineering Group

Job No. 25154
David Watson, P.E.
dave@mwgroup.com
480.731.5050 | 480.731.5353
2001 W Alameda Drive, Suite 102 Tempe, AZ 85282

**PROGRESS PRINTS
NOT FOR CONSTRUCTION**
ANY PARTY BIDDING THIS PROJECT SHALL BE AWARE THAT DRAWINGS ARE NOT COMPLETE AND CHANGES MAY BE FORTHCOMING. NO ENGINEERING OR DESIGN MAY BE RELIED UPON FOR ANY PURPOSES PRIOR TO THE ISSUANCE OF A PERMIT. THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION. PERMIT IS ISSUED.

PROJECT NUMBER 25039

BLDG #1 -
ROOF PLAN

E105

TRIAx INDUSTRIES EXPANSION

LONE BUTTE INDUSTRIAL PARK
6519 WEST ALLISON ROAD
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DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025



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- D
- F
- EM1
- Exit Lights

30.0 EA
12.0 EA
4.0 EA
7.0 EA



COMcheck Software Version 4.1.5.5

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: Addition
Project Type: Addition

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Manufacturing Facility	14123	0.90	12711
		Total Allowed Watts =	12711

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Manufacturing Facility				
LED 1: D: LED high bay; Other:	1	30	55	1650
LED 2: F: 4' surface led wraparound; Other:	1	12	231	2772
		Total Proposed Watts =	4422	

Interior Lighting PASSES: Design 65% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: C:\MWE work\25154-Triax Industries Expansion\COMCHECK-TRIAx BLDG 1.cck
Data filename: C:\MWE work\25154-Triax Industries Expansion\COMCHECK-TRIAx BLDG 1.cck

Report date: 09/05/25
Page 1 of 6

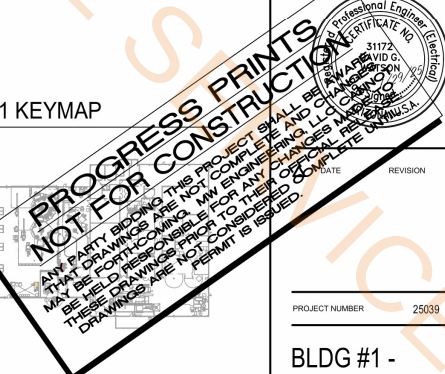
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TRIAx INDUSTRIES EXPANSION

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DESIGN DEVELOPMENT PROGRESS SET - 08.15.2025

BLDG #1 KEYMAP

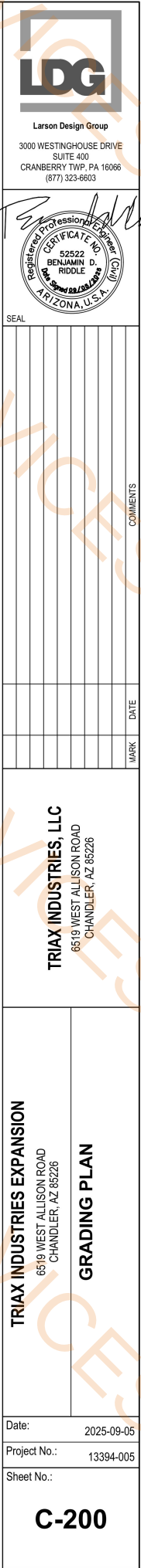


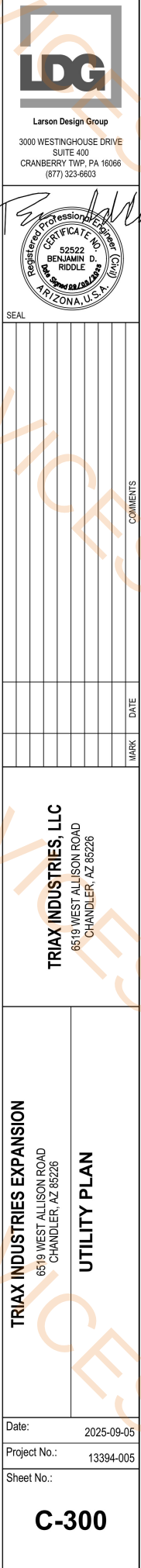
PROJECT NUMBER 25039

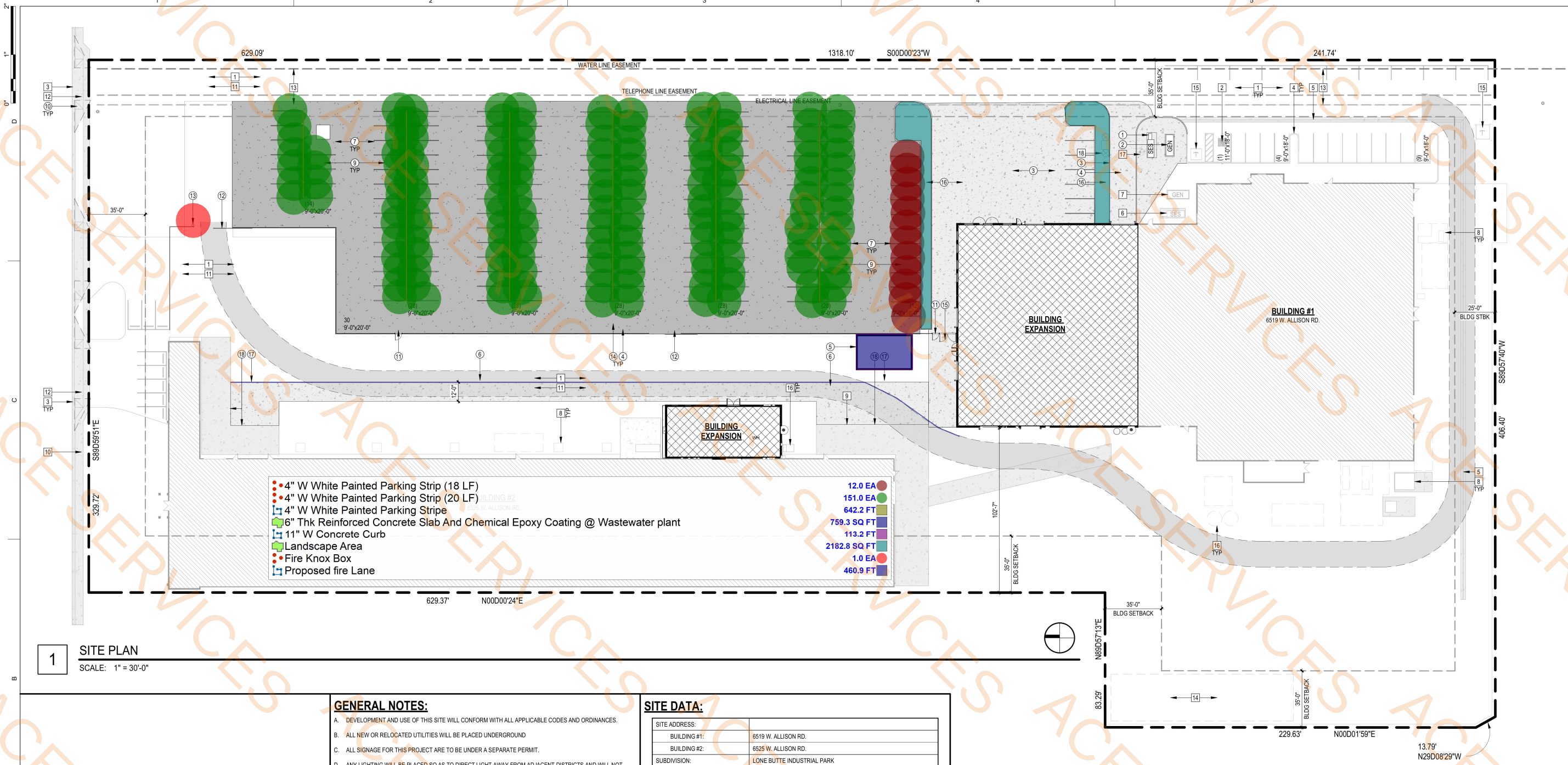
BLDG #1 -
LIGHTING
PLAN

E301

1 BLDG #1 - LIGHTING PLAN
SCALE: 3/32" = 1'-0"







1 SITE PLAN
SCALE: 1" = 30'-0"

GENERAL NOTES:

- A. DEVELOPMENT AND USE OF THIS SITE WILL CONFORM WITH ALL APPLICABLE CODES AND ORDINANCES.
- B. ALL NEW OR RELOCATED UTILITIES WILL BE PLACED UNDERGROUND.
- C. ALL SIGNAGE FOR THIS PROJECT ARE TO BE UNDER A SEPARATE PERMIT.
- D. ANY LIGHTING WILL BE PLACED SO AS TO DIRECT LIGHT AWAY FROM ADJACENT DISTRICTS AND WILL NOT EXCEED ON FOOT CANDLE AT THE PROPERTY LINE. NO NOISE, ODOR, OR VIBRATION WILL BE EMITTED AT ANY LEVEL EXCEEDING THE GENERAL LEVEL OF NOISE, ODOR, OR VIBRATION EMITTED BY USES IN THE AREA OUTSIDE OF THE SITE.
- E. ALL LIGHTING SHALL BE IN COMPLIANT WITH THE GILA RIVER INDIAN COMMUNITIES DARK SKY ORDINANCE.
- F. SITE WALLS, EXPOSED EQUIPMENT, LIGHT POLES BASES, ETC., SHALL BE PAINTED TO MATCH THE COLOR OF THE BUILDING.
- G. FIRE LANES SHALL BE DESIGNATED BY THE FIRE CHIEF. THE CURB IN FRONT OF THE PROTECTED STRUCTURE SHALL BE POSTED WITH SIGNED READABLE FROM EITHER DIRECTION OF TRAVEL AND VERTICALLY INSTALLED AT POINTS NOT MORE THAN EIGHTY 80'-0" ON CENTER OR BE PAINTED RED AND MARKED FIRE LANE IN 4" WHITE BLOCK LETTERS SPACED 80'-0" ON CENTER.

BUILDING CODES:

ALL CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING CODES AND AMENDMENTS PER THE **GILA RIVER INDIAN COMMUNITY** ADOPTED ORDINANCES:

2018	INTERNATIONAL BUILDING CODE
2018	INTERNATIONAL MECHANICAL CODE
2018	INTERNATIONAL PLUMBING CODE
2018	INTERNATIONAL ENERGY CONSERVATION CODE
2018	INTERNATIONAL FUEL GAS CODE
2018	INTERNATIONAL EXISTING BUILDING CODE
2012	GILA RIVER INDIAN COMMUNITY FIRE CODE
2017	NATIONAL ELECTRICAL CODE
2010	ADA STANDARDS FOR ACCESSIBLE DESIGN / ASME

ALL PRODUCTS LISTED BY THE I.C.C. NUMBERS SHALL BE INSTALLED PER THE REPORT AND MANUFACTURERS WRITTEN INSTRUCTIONS.

SITE DATA:

SITE ADDRESS:	
BUILDING #1:	6519 W. ALLISON RD.
BUILDING #2:	6525 W. ALLISON RD.
SUBDIVISION:	LONE BUTTE INDUSTRIAL PARK
ZONING:	I-2
BUILDING SETBACKS:	FRONT: 35'-0" SIDE: 35'-0" SIDE: 25'-0" REAR: 35'-0"
LOT AREA:	GROSS: 307,272 S.F. (7.05 ACRES) NET: 276,780 S.F. (6.35 ACRES)
CONSTRUCTION TYPE:	II-B (SPRINKLERED, NFPA 13)
OCCUPANCY:	"B" - BUSINESS "F-1" - MODERATE FACTORY
MAX ALLOWABLE BLDG AREA:	62,000 S.F. - SINGLE STORY, SPRINKLED
MAX ALLOWABLE BLDG HEIGHT:	75'-0"

BUILDING DATA:

BUILDING #1:	
EXIST. BLDG S.F.:	28,405 S.F.
EXIST. MEZZ. S.F.:	2,195 S.F.
TOTAL EXIST. S.F.:	30,600 S.F.
BLDG EXPANDED S.F.:	14,156 S.F.
MEZZ EXPANDED S.F.:	1,164 S.F.
TOTAL EXPANDED S.F.:	15,312 S.F.
TOTAL OVERALL S.F.:	45,912 S.F. < 62,000 MAX ALLOWABLE S.F.
BUILDING HEIGHT:	34'-0" (PROPOSED NEW HEIGHT) < 75'-0" MAX ALLOWABLE HEIGHT
BUILDING #2:	
EXIST. S.F.:	37,448 S.F.
EXPANDED S.F.:	2,359 S.F.
TOTAL S.F.:	39,807 S.F. < 62,000 MAX ALLOWABLE S.F.
BUILDING HEIGHT:	±20'-4" (EXISTING HEIGHT) < 75'-0" MAX ALLOWABLE HEIGHT
EXISTING PARKING SPACES:	31 SPACES / (1) ADA COMPLIANT SPACE
TOTAL NEW SPACES:	166 SPACES

KEYNOTES (NEW): [E]

- APPROXIMATE LOCATION OF NEW BUILDING SERVICE ENTRANCE SECTION (S.E.S.)
- APPROXIMATE LOCATION OF FUTURE BACK-UP GENERATOR (UNDER SEPARATE PERMIT)
- CONCRETE APRON/LOADING DOCK
- WROUGHT IRON FENCING SYSTEM (UNDER SEPARATE PERMIT)
- APPROXIMATE LOCATION OF WASTE WATER TREATMENT PLANT, BY OTHERS - G.C. TO PROVIDE 6" REINFORCED CONCRETE SLAB WITH 11" CURB AND APPLY CHEMICAL EPOXY COATING
- PROPOSED FIRE LANE
- 4" PAINTED PARKING SPACE STRIPE
- ADA COMPLIANT PARKING SPACE
- CRUSHED AGGREGATE, DUST-PROOF PARKING LOT
- 10'-0" x 20'-0" VISIBILITY TRIANGLE
- 48" SWINGING GATE (UNDER SEPARATE PERMIT)
- ROLLING GATE (UNDER SEPARATE PERMIT)
- FIRE KNOX BOX
- G.C. TO PROVIDE AN ALTERNATE FOR SOLAR PANEL POWERED LIGHT POLES
- 10'-0" WIDE DOUBLE SWINGING GATE (UNDER SEPARATE PERMIT)
- LANDSCAPE AREA
- EXTEND 12'-0"W. CONCRETE PATHWAY - BY OTHERS
- THE NEW CONCRETE PATHWAY INTO EXISTING - BY OTHERS

KEYNOTES (EXISTING): [F]

- EXISTING ASPHALT PAVING TO REMAIN
- EXISTING ADA COMPLIANT PARKING SPACE TO REMAIN
- EXISTING CONCRETE CURB AND GUTTER TO REMAIN
- EXISTING CONCRETE CURB TO REMAIN
- EXISTING CONCRETE STORM DRAIN BASIN TO REMAIN
- EXISTING BUILDING SERVICE ENTRANCE SECTION (S.E.S.) TO REMAIN
- EXISTING BUILDING BACK-UP GENERATOR TO REMAIN
- EXISTING MECHANICAL/ELECTRICAL EQUIPMENT TO REMAIN
- EXISTING CONCRETE APRON TO REMAIN
- EXISTING CONCRETE SIDE WALK TO REMAIN
- EXISTING DRIVE AISLE TO REMAIN
- EXISTING DRIVE ENTRANCE/EXIT TO REMAIN
- EXISTING EASEMENTS TO REMAIN
- EXISTING TRASH TO REMAIN
- EXISTING TRANSFORMER TO REMAIN
- EXISTING EQUIPMENT TO REMAIN
- EXISTING FIRE HYDRANT TO REMAIN
- EXISTING FIRE STANDPIPE TO REMAIN, VERIFY EXACT LOCATION IN THE FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES