

KIRKWOOD PUBLIC WORKS RENOVATION

545 LEFFINGWELL AVE.
KIRKWOOD, MO 63122

ADDENDUM #4

04/21/2026

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CIVIL ENGINEER

CEDC
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OWNER

CITY OF KIRKWOOD
212 S. TAYLOR AVE
KIRKWOOD, MO 63122
T: 000 F: 000

PROJECT ADDRESS

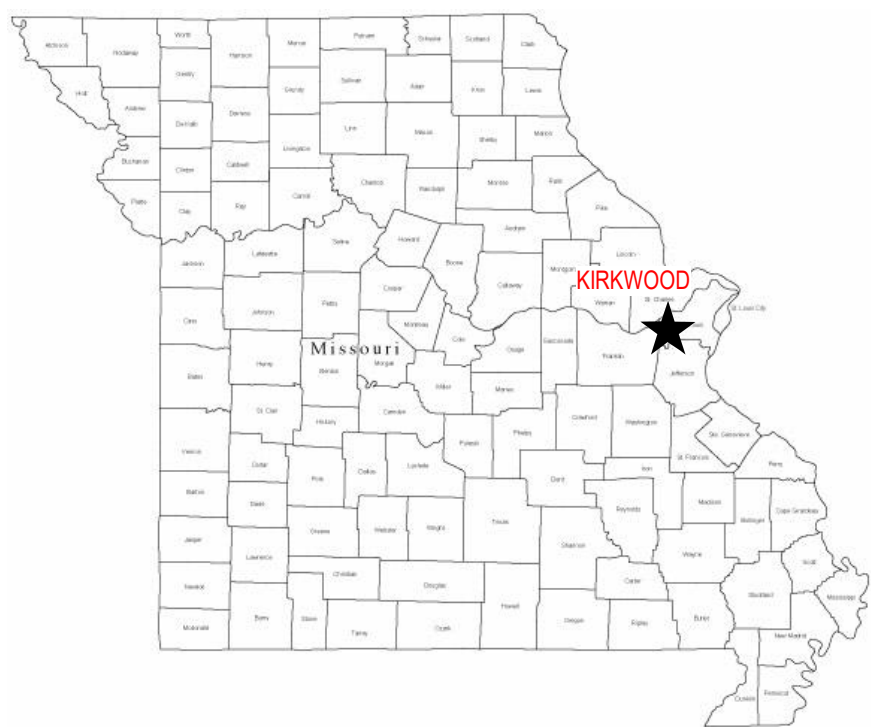
545 LEFFINGWELL AVE.
KIRKWOOD, MO 63122

PROJECT LOCATION



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MO



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Roy A. Manan

MO Architect License No. A-6661
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Proposed:
KIRKWOOD PUBLIC WORKS
RENOVATION

KIRKWOOD, MO 63122

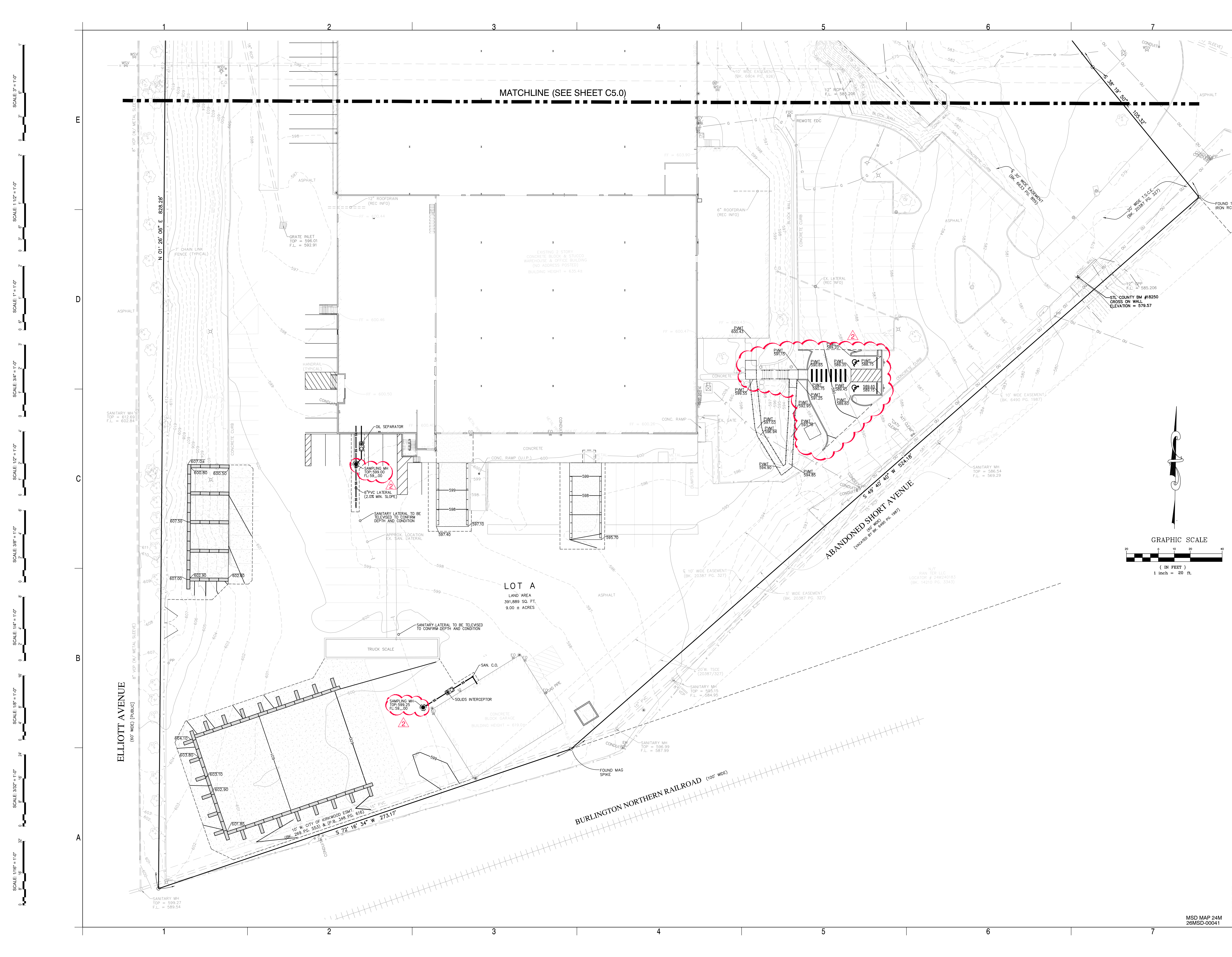
545 LEFFINGWELL AVE.

No.	Date	Revision
1	3/20/2026	BID/PERMIT
2	4/10/2026	ADDENDUM #1
3	4/21/2026	ADDENDUM #4
Project No. 24059		
Sheet No. G000		
Date 04/21/2026		

COVER SHEET

SCALE: 1"=1'-0" 0 3' 6' 9' 12' 15' 18' 21' 24' 27' 30' 33' 36' 39' 42' 45' 48' 51' 54' 57' 60' 63' 66' 69' 72' 75' 78' 81' 84' 87' 90' 93' 96' 99' 102' 105' 108' 111' 114' 117' 120' 123' 126' 129' 132' 135' 138' 141' 144' 147' 150' 153' 156' 159' 162' 165' 168' 171' 174' 177' 180' 183' 186' 189' 192' 195' 198' 201' 204' 207' 210' 213' 216' 219' 222' 225' 228' 231' 234' 237' 240' 243' 246' 249' 252' 255' 258' 261' 264' 267' 270' 273' 276' 279' 282' 285' 288' 291' 294' 297' 300' 303' 306' 309' 312' 315' 318' 321' 324' 327' 330' 333' 336' 339' 342' 345' 348' 351' 354' 357' 360' 363' 366' 369' 372' 375' 378' 381' 384' 387' 390' 393' 396' 399' 402' 405' 408' 411' 414' 417' 420' 423' 426' 429' 432' 435' 438' 441' 444' 447' 450' 453' 456' 459' 462' 465' 468' 471' 474' 477' 480' 483' 486' 489' 492' 495' 498' 501' 504' 507' 510' 513' 516' 519' 522' 525' 528' 531' 534' 537' 540' 543' 546' 549' 552' 555' 558' 561' 564' 567' 570' 573' 576' 579' 582' 585' 588' 591' 594' 597' 600' 603' 606' 609' 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Design Development:
**KIRKWOOD PUBLIC WORKS
RENOVATION**

No. 2
Date 4/2/2024

Revision
ADDENDUM #1

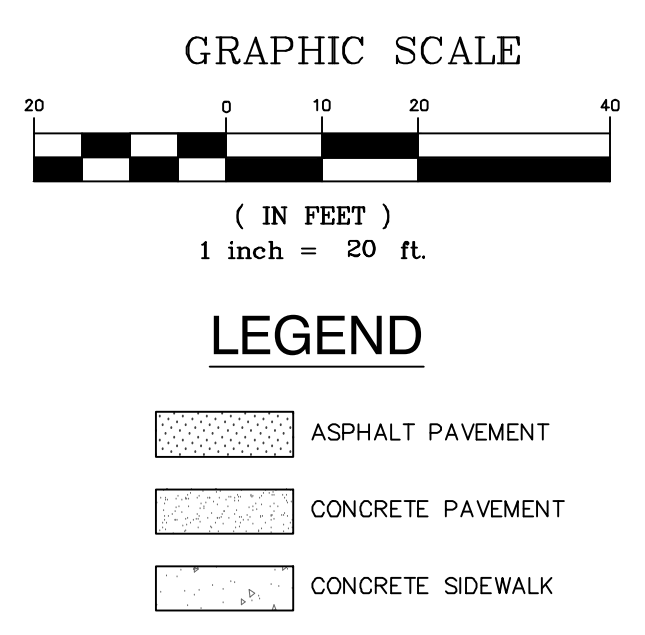
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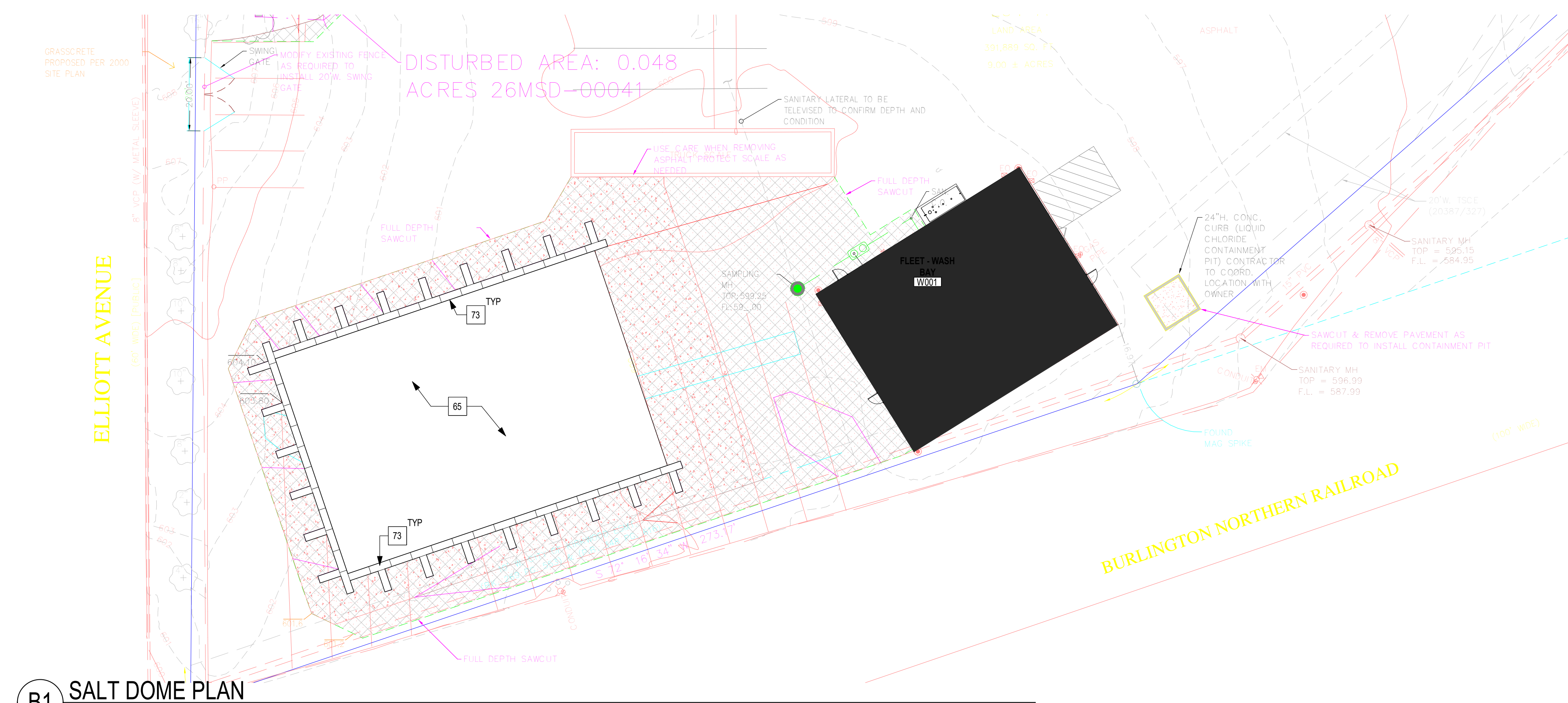
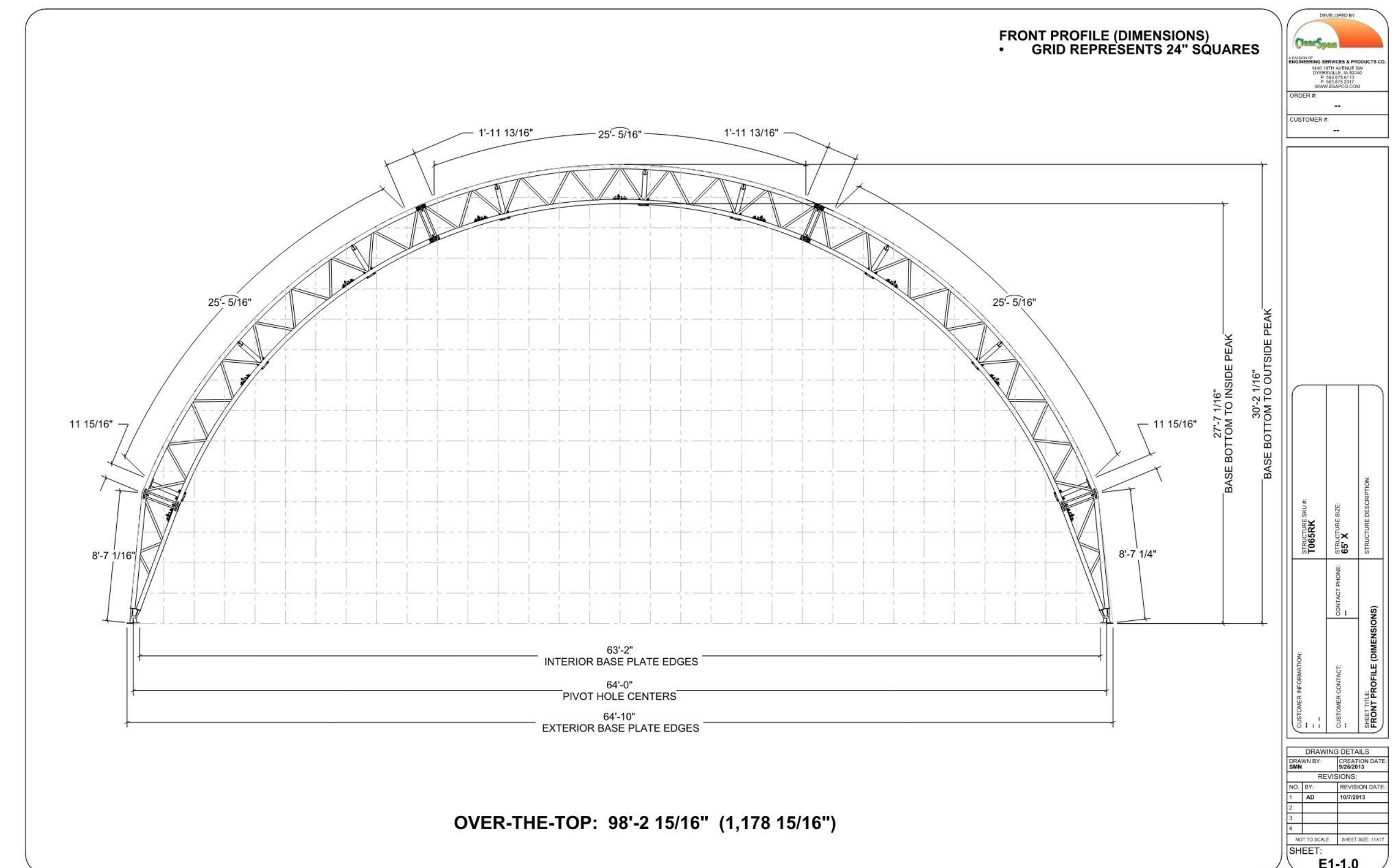
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SITE AND GRADING PLAN

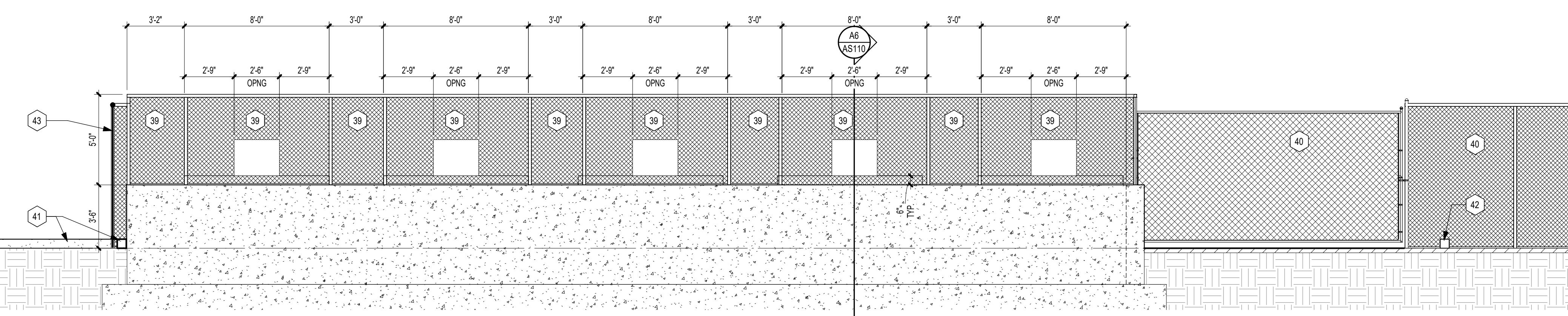
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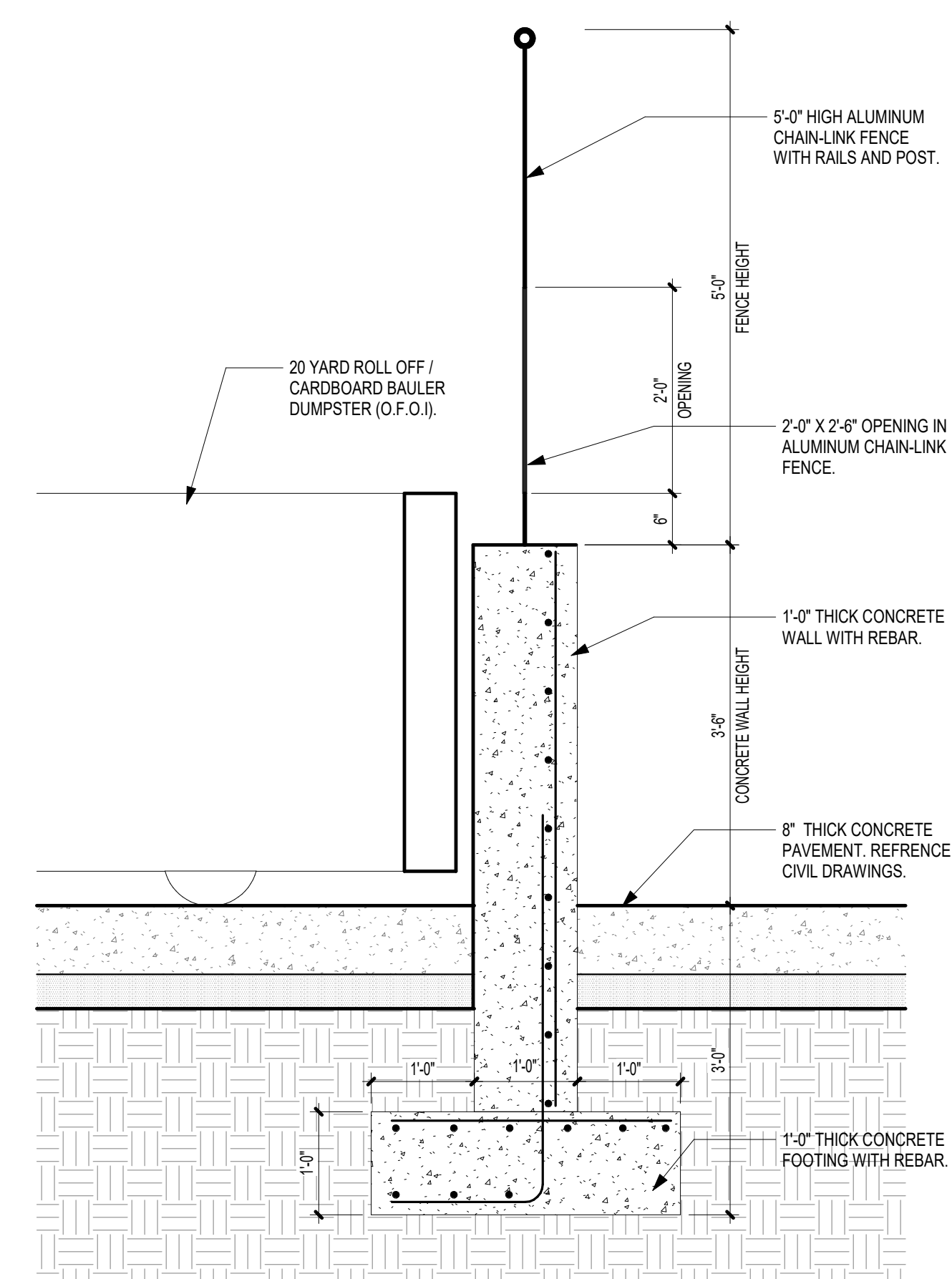
C1 RECYCLING CENTER PLAN
1/16" = 1'-0"



B1 SALT DOME PLAN
1" = 20'-0"



A1 RECYCLING CENTER SOUTH ELEVATION
1/4" = 1'-0"



A6 RECYCLE CENTER WALL SECTION
3/4" = 1'-0"

KEYED NOTES FLOOR PLAN	
MARK	DESCRIPTION
33	8'-0" HIGH CHAIN LINK FENCE AND GATE.
41	8'-0" HIGH CHAIN LINK FENCE.
65	HEAVY DUTY CONCRETE PAVEMENT. REFERENCE CIVIL DRAWINGS.
66	20 YD DUMPSHIRT ROLL-OFF (O.F.O.)
67	CARDBOARD PALER (O.F.O.)
68	HEAVY DUTY ASPHALT PAVEMENT. REFERENCE CIVIL DRAWINGS.
69	EXISTING HEAVY DUTY ASPHALT PAVEMENT. REFERENCE CIVIL DRAWINGS.
70	5" ALUMINUM CHAIN LINK FENCE INSTALLED ON TOP OF 1'-2" THICK 4" HIGH CONCRETE BARRIER WALL. REFERENCE ELEVATION AND DETAIL ON AS10.
71	CONCRETE CURB. REFERENCE CIVIL DRAWINGS.
72	EXISTING CONCRETE CURB. REFERENCE CIVIL DRAWINGS.
73	CONCRETE LEGCO BLOCK STACKED 6'-0" HIGH.

KEYED NOTES EXTERIOR ELEV.	
MARK	DESCRIPTION
39	5'-0" ALUMINUM CHAINLINK FENCE INSTALLED ON TOP OF 1'-0" THICK, 42" HIGH CONCRETE BARRIER WALL. REFERENCE ELEVATION AND DETAIL ON AS110.
40	8'-0" HIGH CHAIN LINK FENCE AND GATE.
41	6" CONCRETE CURB. REFERENCE CIVIL DRAWINGS.
42	CONCRETE WHEELSTOP. REFERENCE CIVIL DRAWINGS.
43	8'-0" HIGH CHAIN LINK FENCE.

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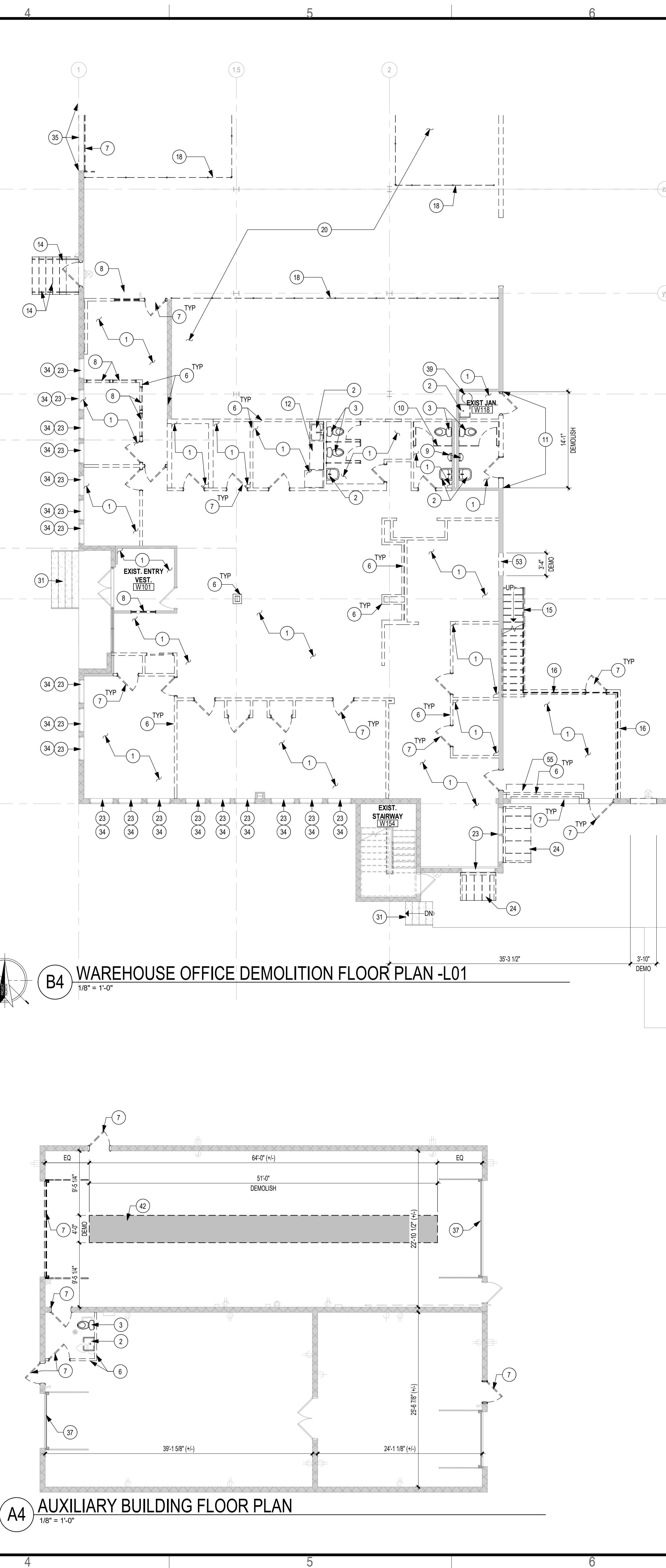
Proposed:
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RENOVATION**
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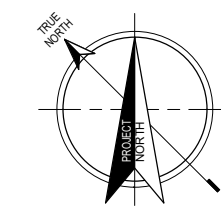
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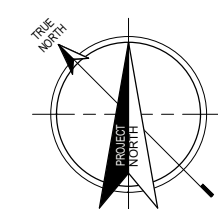
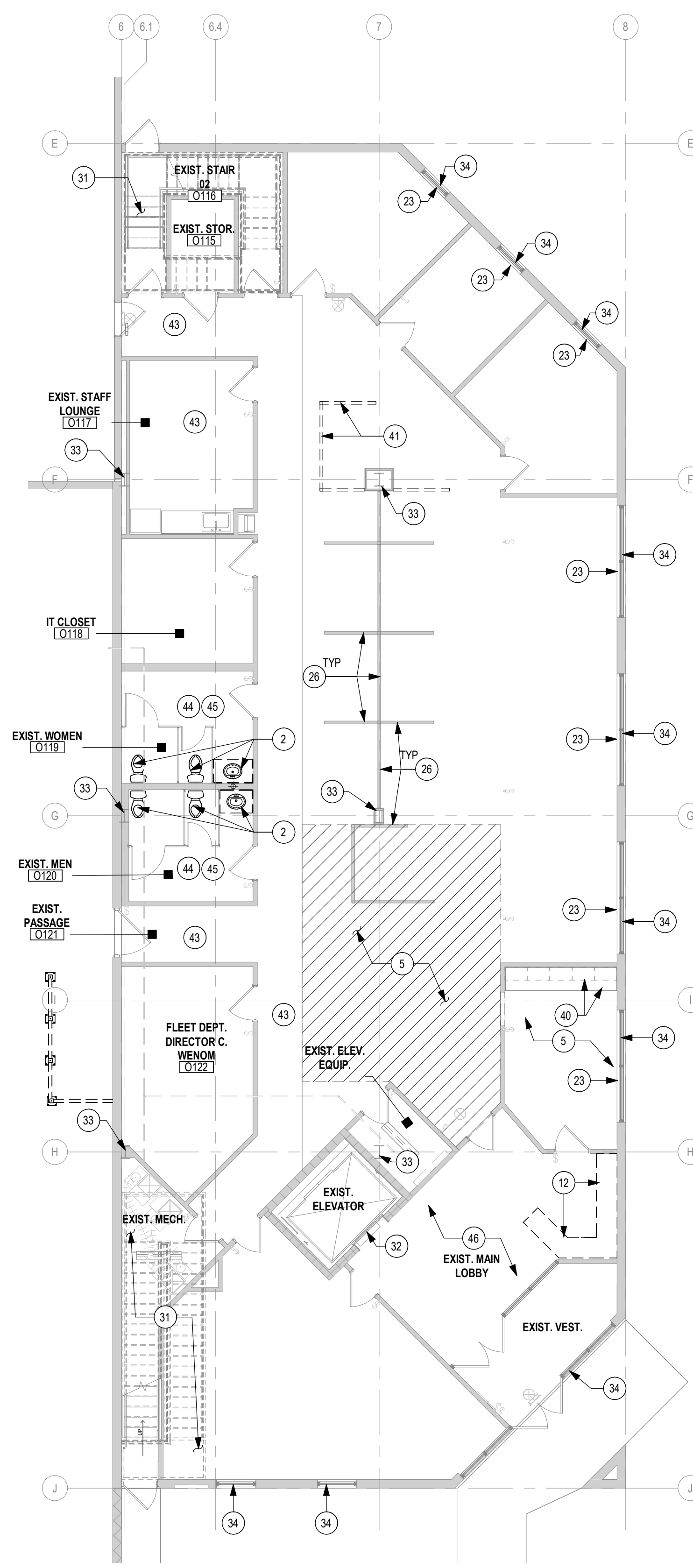


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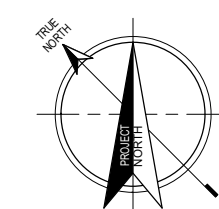
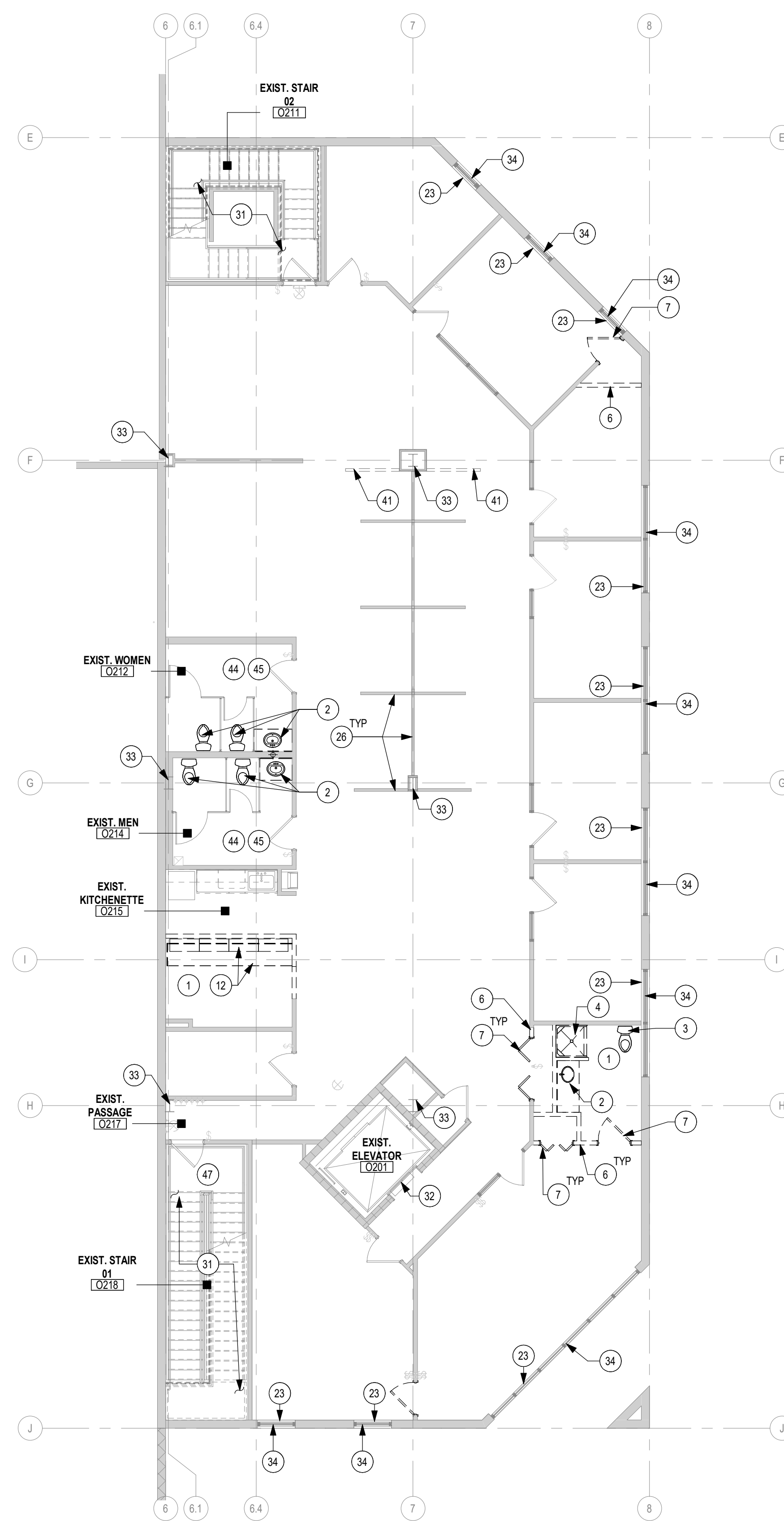
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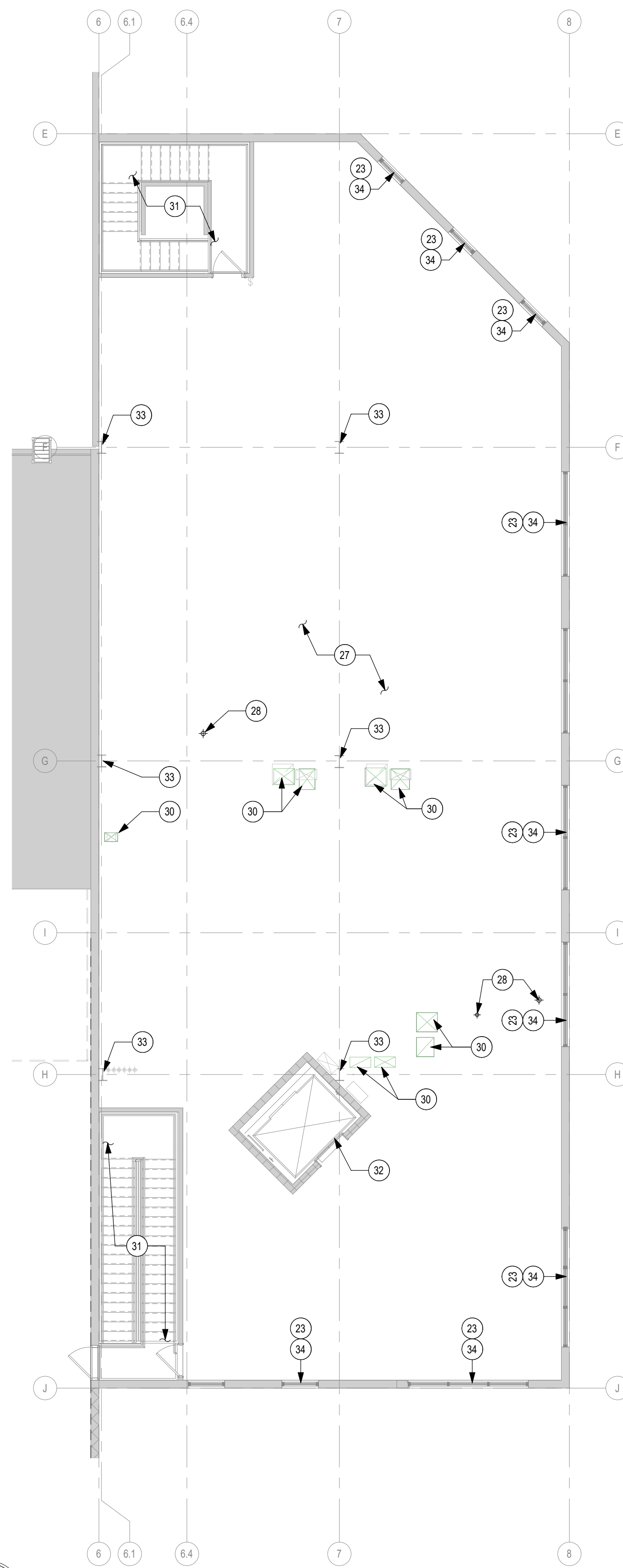
A1 BUSINESS OFFICE DEMOLITION FLOOR PLAN - LEVEL 01
1/8" = 1'-0"



A3 BUSINESS OFFICE DEMOLITION FLOOR PLAN - LEVEL 02
1/8" = 1'-0"



A5 BUSINESS OFFICE DEMOLITION FLOOR PLAN - LEVEL 03
1/8" = 1'-0"



KEYED NOTES DEMO PLAN

MARK	DESCRIPTION
1	REMOVE EXISTING RESILIENT BASE AND FLOORING IN THIS SPACE.
2	REMOVE EXISTING PLUMBING FIXTURES -TOILET, LAVATORY, FAUCET AND VANITY. -SEE PLUMBING DWGS. FOR ADDITIONAL INFORMATION.
3	REMOVE EXISTING WATERCLOSET. -SEE PLUMBING DWGS. FOR ADDITIONAL INFORMATION.
4	REMOVE EXISTING SHOWER, SHOWER CONTROLS AND DRAIN. -SEE PLUMBING DWGS. FOR ADDITIONAL INFORMATION.
5	REMOVE EXISTING SOILED CARPET TILE THIS AREA. DESIGN INTENT IS TO REPLACE SOILED TILES USING OWNERS 24 BOXES OF CARPET TILE STORED ON THE THIRD FLOOR. CONFIRM QUANTITIES. RETAIN ANY "CLEAN" TILES TO BE SHUFFLED INTO AREAS TO REPLACE OTHER VISIBLY SOILED CARPET TILES.
6	REMOVE EXISTING INTERIOR PARTITION (TYP.).
7	REMOVE EXISTING DOOR, DOOR FRAME AND DOOR HARDWARE.
8	REMOVE EXISTING INTERIOR GLAZING AND FRAME.
9	REMOVE EXISTING URINAL. -SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
10	REMOVE EXISTING TOILET PARTITION.
11	DEMOLISH PORTION OF CMU PARTITION FOR 10'-0" X 14'-1" OPNG.
12	REMOVE ALL EXISTING CASEWORK AND COUNTERTOP.
13	REMOVE EXISTING REFRIGERATOR.
14	REMOVE EXISTING CONCRETE STAIR AND HANDRAILS.
15	REMOVE EXISTING WOOD STAIR, GUARDRAIL AND HANDRAILS.
16	REMOVE EXISTING INTERIOR PARTITION, AND FLOOR SYSTEM ABOVE INCLUDING DECKING AND SUPPORTING JOIST FRAMING ABOVE.
17	REMOVE EXISTING FLOOR, FLOOR STRUCTURE & CEILING BELOW.
18	REMOVE ALL EXISTING WIRE MESH PARTITION, GATES AND POSTS.
19	EXISTING CONCRETE RAMP TO REMAIN.
20	GO TO CLEAN AND REMOVE ALL STRIPING FROM EXISTING WAREHOUSE CONCRETE SLAB.
21	REMOVE ALL FLOORING WALLS CEILINGS AND LIGHTING THIS AREA. -REFERENCE M.E.P. FOR ADDITIONAL INFORMATION.
22	EXISTING ROOF HATCH AND LADDER TO REMAIN.
23	EXISTING INTERIOR WINDOW SILL TO REMAIN.
24	REMOVE EXISTING FABRIC AWNING AND ALUMINUM FRAME.
25	EXISTING WORKSTATION PARTITIONS, OFFICE FURNITURE, AND CASEWORK TO REMAIN.
27	CLEAN AND PREP FLOOR TO RECEIVE NEW FLOOR FINISHES AS SCHEDULED.
28	CUT AND REMOVE EXISTING PIPING. PATCH AND REPAIR EXISTING SLAB AND METAL DECKING WHERE THIS OCCURS. -SEE PLUMBING DRAWINGS FOR ADDITIONAL PLUMBING INFORMATION.
30	EXISTING DUCTWORK TO REMAIN. -SEE MECHANICAL DRAWINGS.
31	EXISTING STAIR, GUARDRAIL, AND HANDRAILS TO REMAIN.
32	EXISTING ELEVATOR AND DOOR TO REMAIN.
33	EXISTING STEEL COLUMN TO REMAIN.
34	EXISTING STOREFRONT AND GLAZING TO REMAIN.
35	DEMOLISH EXISTING METAL DOCK PROTECTOR GUARDS.
36	EXISTING METAL DOCK PROTECTOR GUARDS TO REMAIN.
37	EXISTING COILING OVERHEAD DOOR AND TRACK TO REMAIN.
38	DEMOLISH EXISTING GUARDRAILS, POSTS, PLATES, AND FASTENERS. PATCH AND REPAIR CONCRETE SLAB AND MASONRY PARTITION OF EFFECTED AREA AFTER REMOVAL.
39	REMOVE EXISTING WATER HEATER. REFERENCE PLUMBING DRAWINGS.
40	EXISTING UPPER CABINETS, COUNTER TOP, AND BASE FILE CABINETS TO REMAIN.
41	REMOVAL OF EXISTING WORKSTATION PARTITION BY OWNER.
42	DEMOLISH PORTION OF EXISTING CONCRETE SLAB AS INDICATED. REFERENCE STRUCTURAL DRAWINGS.
43	EXISTING VCT & VINYL BASE TO REMAIN. SEE FLOOR FINISH PLAN FOR EXTENT OF NEW WORK.
44	PUBLIC RESTROOMS: REMOVE EXISTING TOILET PARTITION, ALL BRACING, URINAL SCREENS, GRAB BARS, & TOILET ACCESSORIES. RETAIN FOR REINSTALLATION. CARE IS TO BE EXERCISED NOT TO DAMAGE THESE ITEMS DURING CONSTRUCTION.
45	PUBLIC RESTROOMS: DEMO EXISTING FLOOR TILE AND EXISTING WALL TILE AND BACKING SUBSTRATE. REMOVE DRYWALL ABOVE TILE WAINGSCOT, WHERE DOORS.
46	LOBBY: REMOVE EXISTING CARPET TILE & VINYL BASE THIS AREA. PREP FLOOR FOR NEW TILE & TILE BASE.
47	REMOVE DAMAGED VCT FLOORING & BASE ON STAIR LANDING. PREP FOR NEW TILE.
48	DEMO EXISTING AWING STEEL SUPPORTS AND FABRIC WRAP. PATCH ANY OPENINGS ON CMU WALL CAUSED BY REMOVAL.
49	EXISTING DOCK LEVELER TO REMAIN.
50	EXISTING CONCRETE RAMP AND GUARD RAIL TO REMAIN.
51	REMOVE EXISTING DOCK BUMPERS AND METAL GUARDS. PREPARE SURFACE TO RECEIVE CONCRETE RAMP.
52	REMOVE EXISTING OVERHEAD DOOR, HOOD, AND HARDWARE. CARE IS TO BE EXERCISED NOT TO DAMAGE THESE ITEMS DURING CONSTRUCTION FOR RE-INSTALLATION.
53	DEMOLISH PORTION OF CMU PARTITION FOR 7'-0" X 3'-4" OPNG.
54	AT ALL TRENCH DRAIN DEMO CUTS PROVIDE CLEAN CUTS WITHOUT OVER RUN CUTS.
55	DEMOLISH CONCRETE SLAB AND WALL DEMO PER STRUCTURAL DWGS.
56	ALTERNATE #6- DEMOLISH PORTION OF EXISTING CONCRETE SLAB AS INDICATED. REFERENCE STRUCTURAL DRAWINGS.

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RENOVATION
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No.	Date	Revision
1	4/10/2026	ADENDUM #1
2	4/21/2026	ADENDUM #4

Project No.
24059

Sheet No.
AD104

Date
04/21/2026

OFFICE DEMOLITION FLOOR PLAN

ALTERNATE #6 - STORM SHELTER. THE SCOPE OF THIS ALTERNATE SHALL INCLUDE BUT MAY NOT BE LIMITED TO IMPROVEMENTS REQUIRED TO UPGRADE AN AREA AT AND BELOW THE EXISTING WAREHOUSE MEZZANINE ALONG THE WEST EDGE OF THE WAREHOUSE IN THE LOCKER ROOM AREA INTO A STORM SHELTER AS WELL. IT WILL INCLUDE SELECTIVE DEMOLITION, STRUCTURAL UPGRADES, MEP/FPs AND FINISHES.

KEYED NOTES FLOOR PLAN

MARK	DESCRIPTION
1	METAL LOCKERS - REF. FINISH FLOOR PLAN.
2	CFMF PARTITION INFILL. GC TO VIF. OPNG SIZE.
3	8"CMU BLOCK INFILL. VERIFY IN FIELD MEASUREMENTS.
5	12" WIDE X 96" LONG HEAVY DUTY METAL GRATE AND TRENCH DRAIN. CENTER DRAINS WITHIN CONCRETE TRENCH. REFERENCE PLUMBING DRAWINGS FOR DRAIN INFORMATION.
6	ALTERNATE #6 STORM SHELTER WITH ICC 500 DOOR. COORDINATE WITH PLUMBING DRAWINGS FOR PLUMBING ROUGH IN LOCATIONS. COORDINATE STRUCTURAL DRAWINGS FOR STRUCTURAL CMU LAYOUT.
9	BUILT IN CASEWORK. REF. FINISH PLAN AND ELEVATIONS.
10	OWNER FURNISHED AND INSTALLED EQUIPMENT. COORDINATE ALL CONNECTION REQUIREMENTS FOR OWNER PROVIDED ITEM.
11	CONCRETE STAIR AND GALV. METAL HANDRAIL.
12	CONCRETE DOCK RAMP.
13	GALV. HIGHWAY GUARDRAIL (W-BEAM) BY U.S. BARRICADES.
14	EXISTING PLUM SILL TO REMAIN.
33	8'-0" HIGH CHAIN LINK FENCE AND GATE.
36	RELOCATED EXISTING 14' X 16' COILING DOOR AND HOOD TO RECIEVE POWER FOR NEW OPERATOR AND CONTROLS. REFERENCE DOOR SCHEDULE.
37	NEW HOLLOW METAL DOOR, FRAME, AND HARDWARE. REFERENCE DOOR SCHEDULE.
38	NEW 6'-0" X 9'-0" COILING ROLLING DOOR. REFERENCE DOOR SCHEDULE.
40	24" DIA 42" HIGH LINEAR LOW DENSITY POLYETHYLENE COLUMN PROTECTION. BASIS OF DESIGN: SENTRY PROTECTION CS2442-1S.
48	SEALED CONCRETE TRENCH SLOPED 1/8" PER 12" TOWARDS DRAINS TOWARDS TRENCH DRAINS. REFERENCE STRUCTURE DRAWINGS.
54	5'-0" WIDE WALK PATH STRIPING PAINTED BY OWNER. P.I.
55	NEW CONCRETE FLOORWORK. REFERENCE CIVIL DRAWINGS.
56	EXISTING CONCRETE RAMP TO REMAIN.
59	8'-0" HIGH CMU PARTITION.
60	AIR LINE HOSE.
61	BULK FLUID DISPENSER.
62	PATCH/REPAIR EXG GYP PRIOR TO PAINTING.

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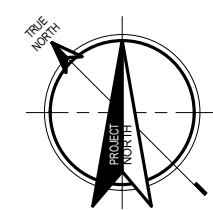
No.	Date	Revision
1	4/10/2026	ADDENDUM #1
2	4/21/2026	ADDENDUM #4

Project No. 24059
Sheet No. A101
Date 04/21/2026

A1 WAREHOUSE SOUTH FLOOR PLAN
1/8" = 1'-0"

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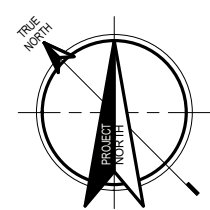
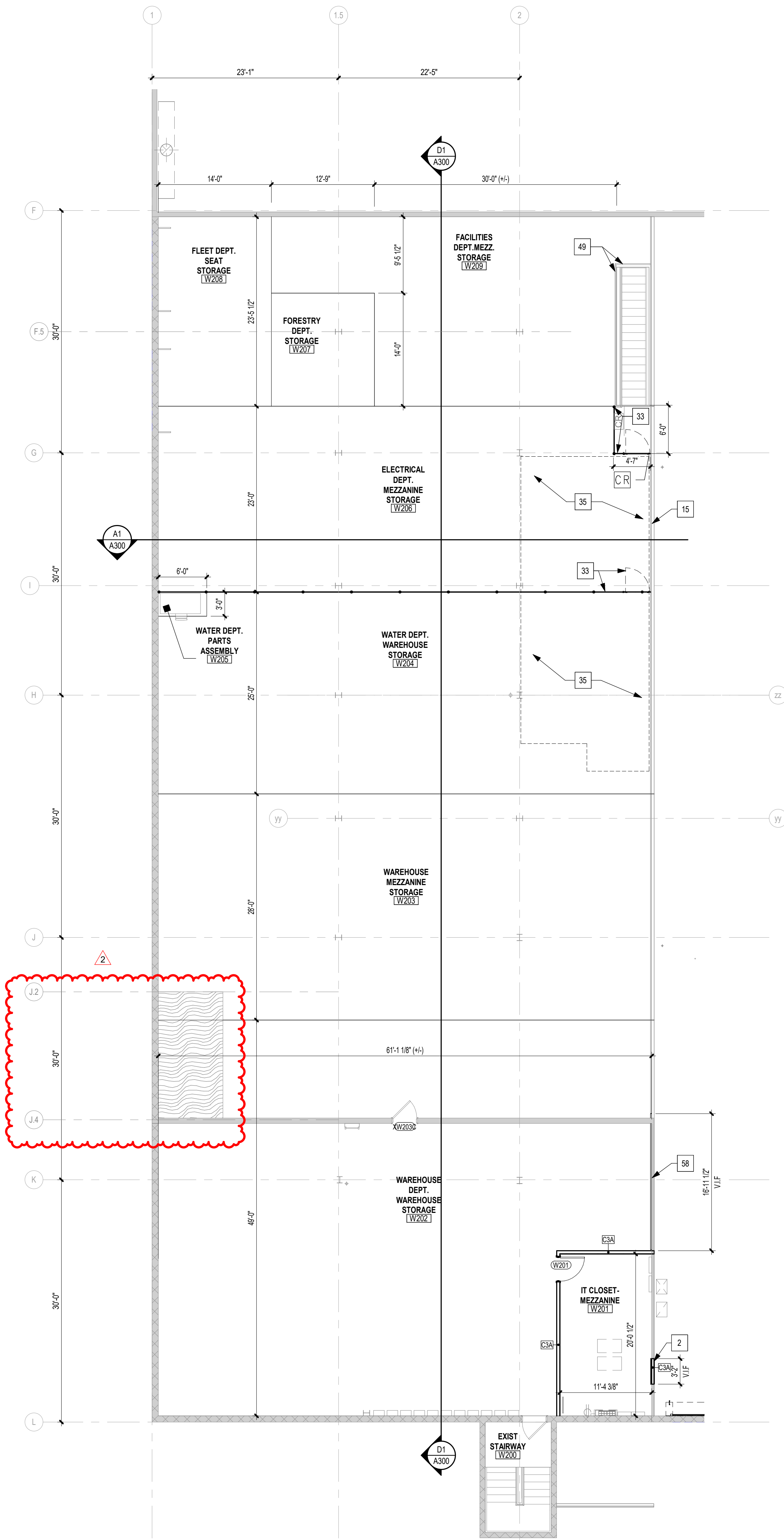
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A1

WAREHOUSE MEZZANINE FLOOR PLAN

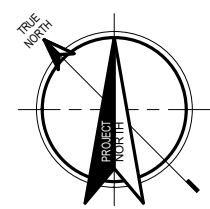
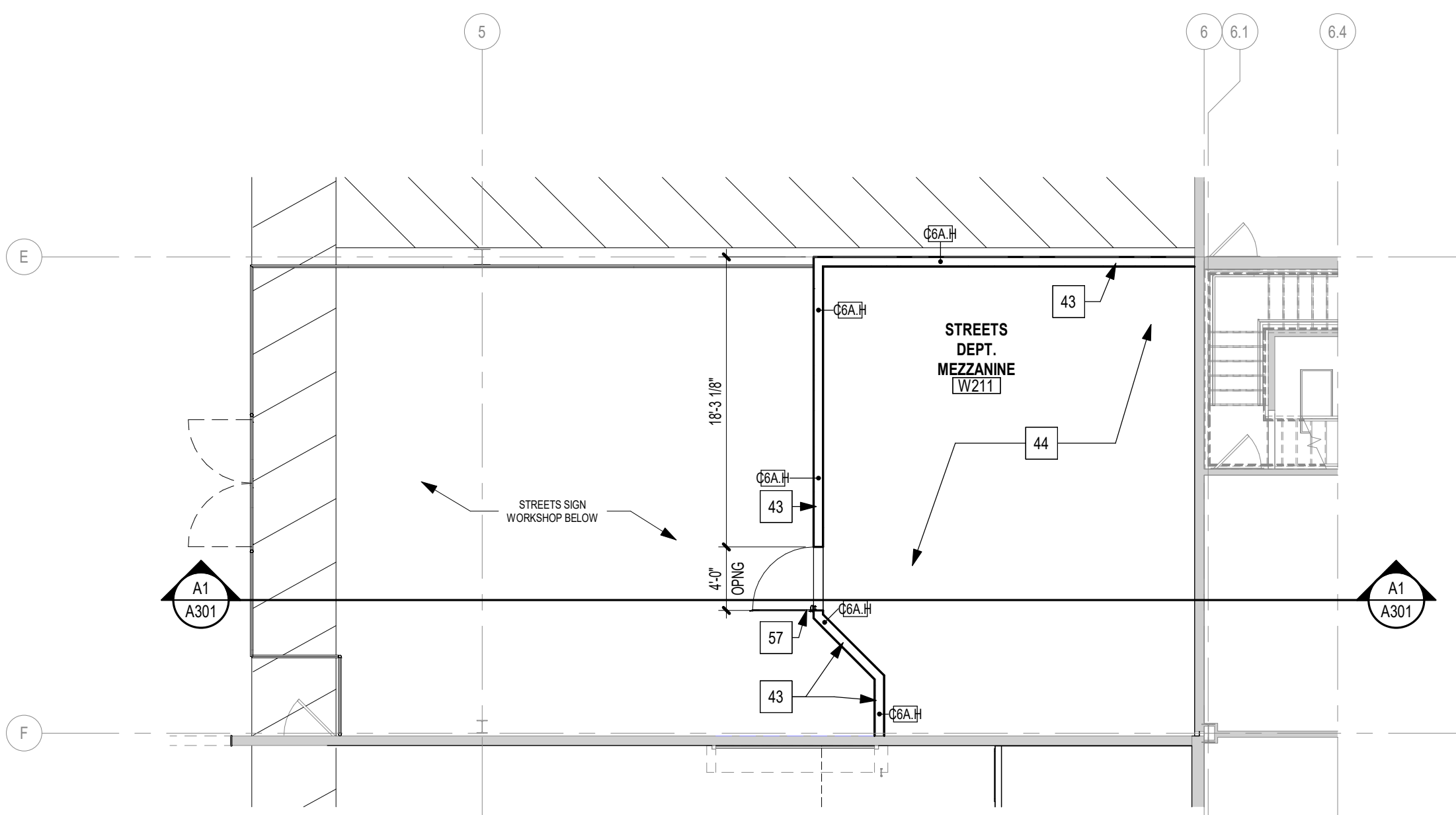
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A4

STREET MEZZANINE

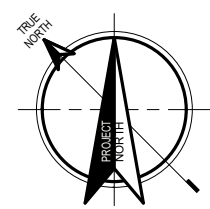
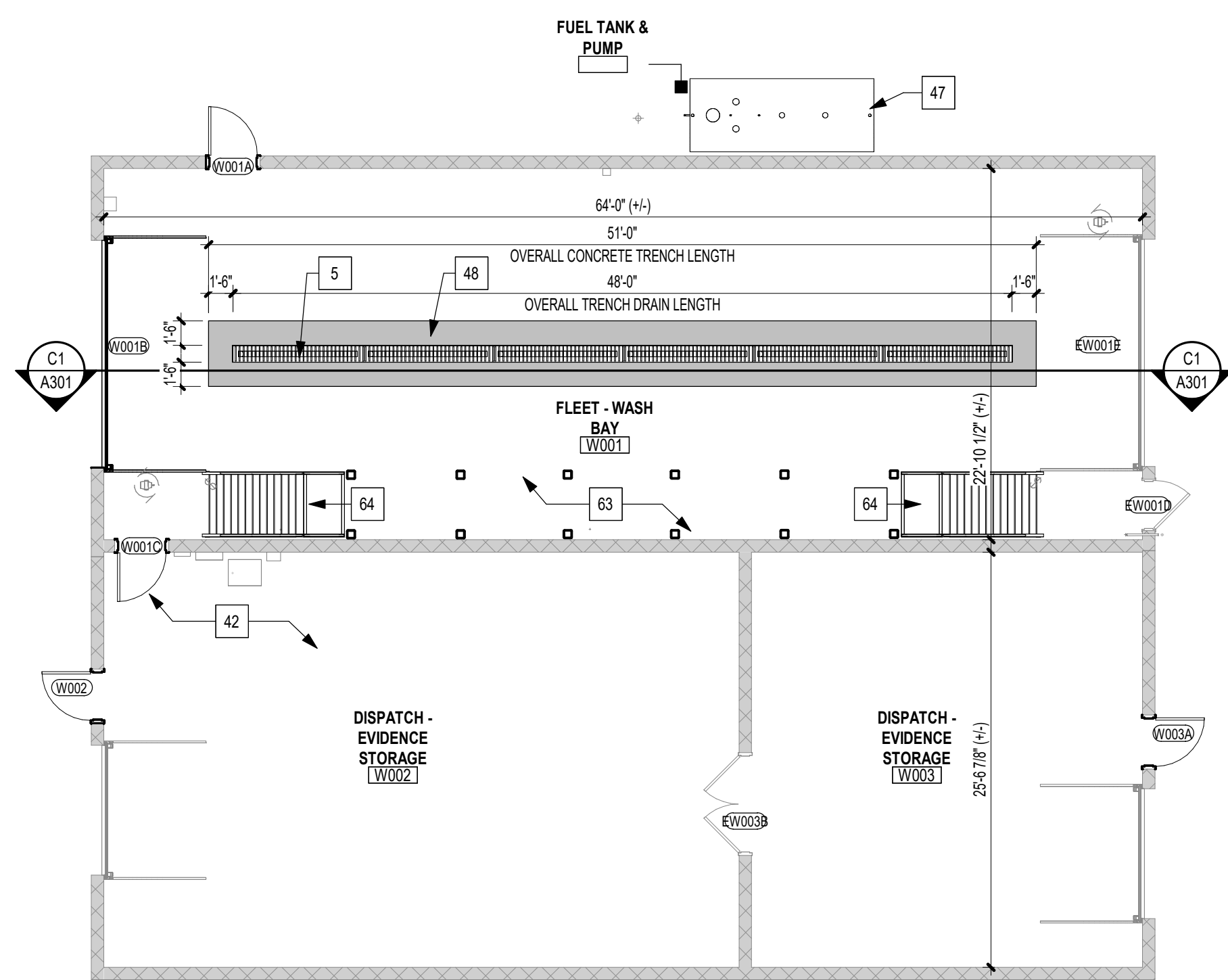
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B4

AUXILIARY BLDG FLOOR PLAN

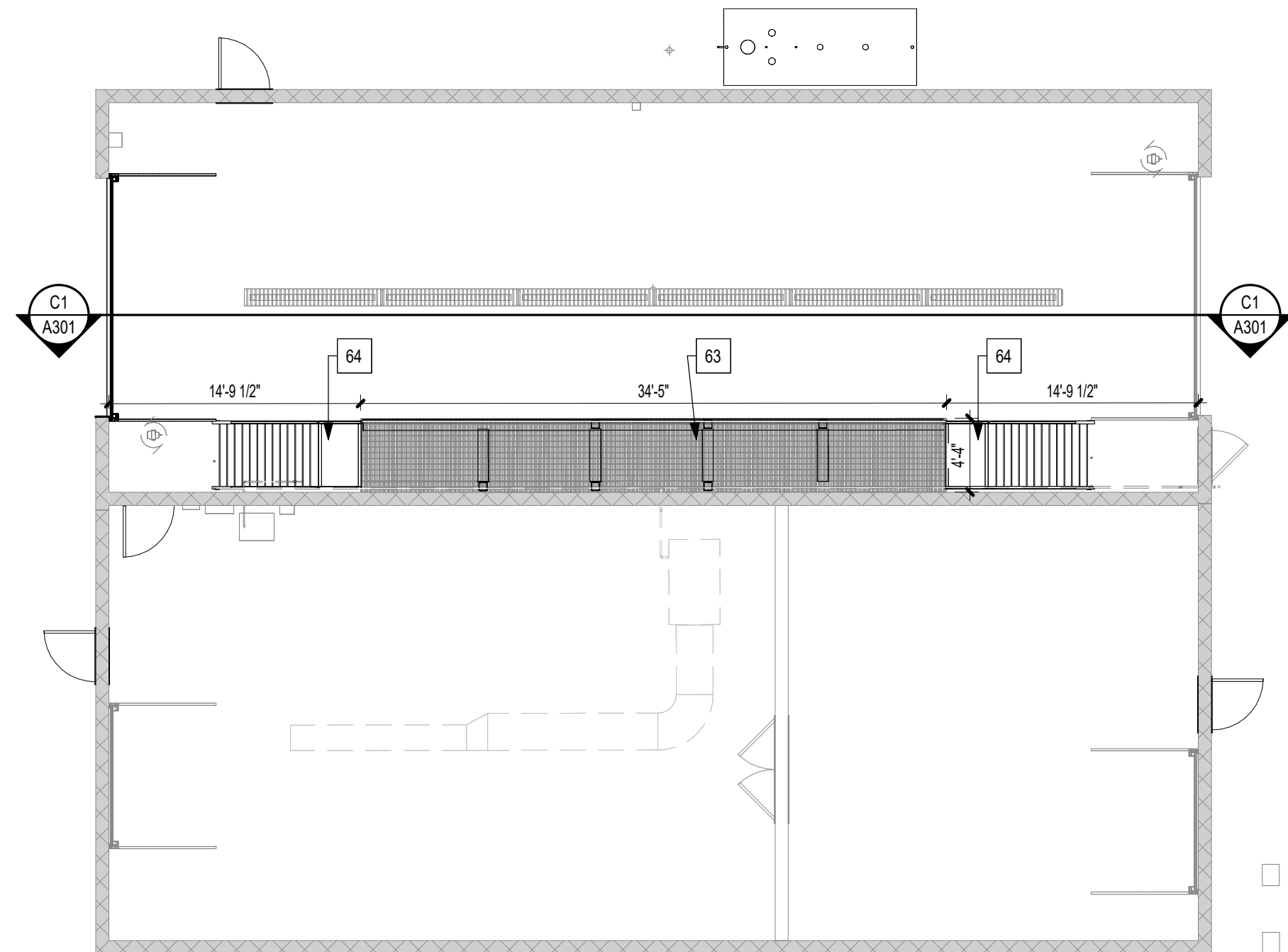
1/8" = 1'-0"



D4

AUXILIARY BLDG CATWALK PLAN

1/8" = 1'-0"



KEYED NOTES FLOOR PLAN

MARK	DESCRIPTION
2	CFMF PARTITION INFILL GC TO VIF. OPNG SIZE.
5	12" WIDE X 96" LONG HEAVY DUTY METAL GRATE AND TRENCH DRAIN. CENTER DRAINS WITHIN CONCRETE TRENCH. REFERENCE PLUMBING DRAWINGS FOR DRAIN INFORMATION.
15	PAINTED EXISTING REMOVABLE GUARDRAIL. RE-INSTALL RAIL MOUNTING CHANNEL TO SLAB. RE-ATTACH RAIL WITH EXG PINCLIP SYSTEM.
33	8'-0" HIGH CHAIN LINK FENCE AND GATE.
35	ALTERNATE #6 - CONCRETE ICC 500 STORM SHELTER LID UNDERNEATH MEZZANINE. SEE STRUCT. DWGS.
42	PATCH EXISTING CONCRETE FLOOR AND APPLY SC FINISH. REFERENCE FINISH SCHEDULE.
43	PARTITION GUARDRAIL 42" HIGH AT STREETS DEPT MEZZANINE.
44	3/4" SHEATHING OVER NORTHSOUTH SPANNING 10" MTL STUD @ 16" OC WITH BATT INSULATION BETWEEN STUDS AND PAINTED 5/8" ABUSE RESISTANT (VH) GYP BD. UNDERNEATH.
47	OWNER SUPPLIED. CONTRACTOR INSTALLED EXISTING FUEL TANK AND PUMP.
48	SEALED CONCRETE TRENCH SLOPED 1/8" PER 12" TOWARDS DRAINS TOWARDS TRENCH DRAINS. REFERENCE STRUCTURE DRAWINGS.
49	EXISTING FIXED METAL GUARDRAIL TO REMAIN.
57	PARALLEL MOUNTED ALUM SELF-CLOSING SAFETY GATE. BASIS OF DESIGN: YELLOW GATE. INDUSTRIAL SAFETY SWING GATE.
58	NEW GUARDRAIL INSTALLED ON TO EXISTING MEZZANINE CONCRETE SLAB. GC TO V.I.F. MEASUREMENTS.
63	PREFABRICATED METAL CATWALK WITH METAL GRATE DECK.
64	PREFABRICATED METAL SHIPS LADDER.

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Proposed:

KIRKWOOD PUBLIC WORKS
RENOVATION

545 LEFFINGWELL AVE.

No.	Date	Revision
1	4/10/2026	ADDENDUM #1
2	4/21/2026	ADDENDUM #4

Project No.
24059

Sheet No.

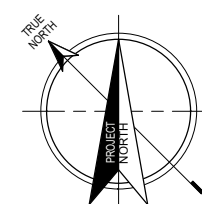
A103

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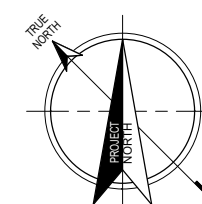
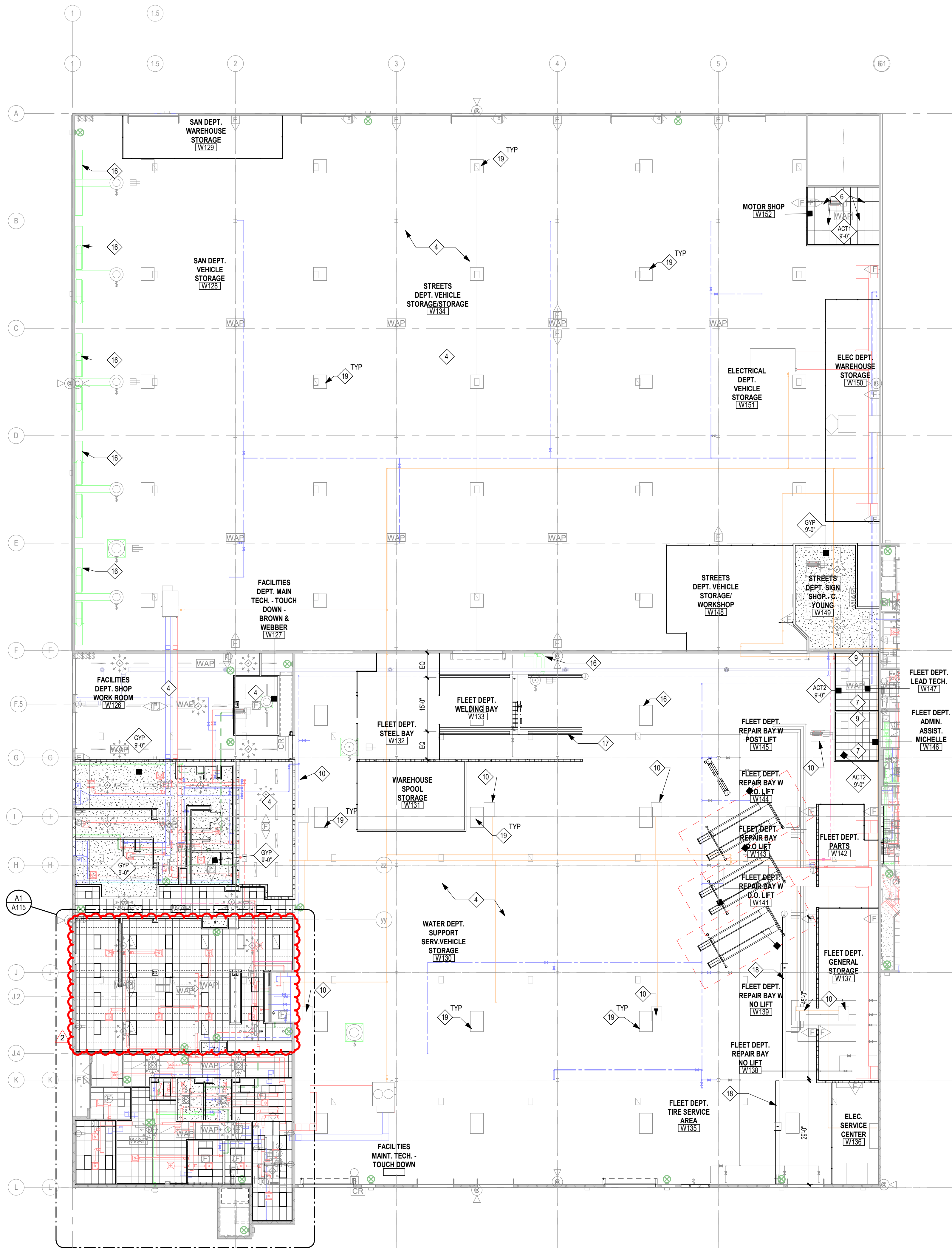
WAREHOUSE MEZZANINE & AUXILIARY

[Consultants]

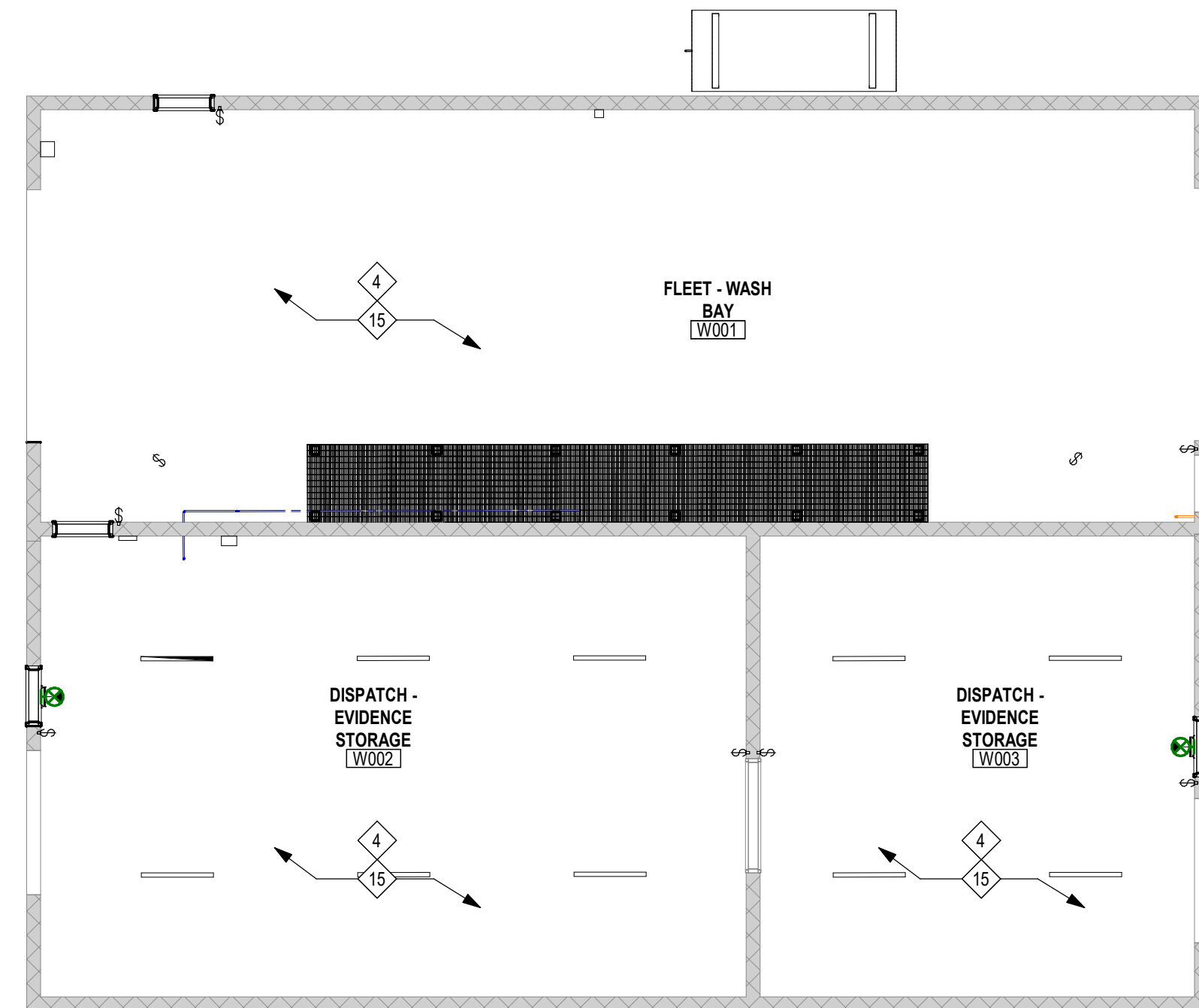
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A1 WAREHOUSE REFLECTED CEILING PLAN
1/16" = 1'-0"



A4 AUXILIARY BUILDING REFLECTED CEILING PLAN
1/8" = 1'-0"



KEYED NOTES REF. CLG. PLAN

MARK	DESCRIPTION
4	EXPOSED CEILING TO REMAIN.
6	NEW 2' X 4' LAY-IN LIGHT FIXTURE - SEE ELECTRICAL DWGS.
7	NEW 2' X 2' LAY-IN LIGHT FIXTURE - SEE ELECTRICAL DWGS.
9	PROVIDE & INSTALL NEW GRID AND ACT1.
10	EXISTING UNIT HEATER TO REMAIN. REFERENCE MECHANICAL DRAWINGS.
15	NEW LIGHTING IN AUXILIARY BUILDING CEILING. REFERENCE ELECTRICAL DRAWINGS.
16	NEW EXHAUST SYSTEM. REFERENCE MECHANICAL DRAWINGS.
17	OWNER PROVIDED, GC INSTALLED 2 TON DOUBLE RAIL CRANE AND HOIST. REFERENCE STRUCTURAL DRAWINGS FOR SUPPORT INFORMATION.
18	OWNER PROVIDED, GC INSTALLED 1 TON SINGLE RAIL CRANE AND HOIST. REFERENCE STRUCTURAL DRAWINGS FOR SUPPORT INFORMATION.
19	EXISTING SKYLIGHT TO REMAIN.

REF. CLG. PLAN GENERAL NOTES

1. INSTALL ACOUSTIC SOUND BATT INSULATION OVER ALL PARTITIONS ABOVE CEILING TO 24" EA. SIDE OF PARTITION, TYP.
2. LIGHT FIXTURES, EXIT SIGNS, FIRE STROBES/CHIMES, ETC. TO MATCH BUILDING STANDARD UNLESS NOTED OTHERWISE.
3. NO COMBUSTIBLE MATERIAL SHALL BE INSTALLED IN A RETURN AIR PLENUM.
4. ALL CEILING, BULKHEAD, AND SOFFIT HEIGHTS ARE TAKEN FROM REFERENCED FINISH FLOOR.
5. PAINT ALL GYPSUM BOARD SOFFITS AND CEILINGS. REFERENCE REFLECTED CEILING PLAN.
6. SUPPLY AND INSTALL SOUND BOOTS ON ALL DIFFUSERS OPEN TO THE CEILING PLENUM, TYP.
7. SHOULD ANY CONFLICT ARISE BETWEEN MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS, REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO INSTALLATION.
8. REFERENCE MECHANICAL DRAWINGS FOR BALANCE OF MECHANICAL INFORMATION (i.e. SUPPLY DIFFUSERS, RETURN AIR GRILLES, ETC.).
9. REFERENCE ELECTRICAL DRAWINGS FOR BALANCE OF LIGHTING INFORMATION. NOTE: ALL FIXTURES LOCATED IN LAY-IN ACOUSTICAL PANELS SHALL BE CENTERED IN CEILING PANELS UNLESS NOTED OTHERWISE.
10. WHERE SPRINKLERS ARE USED, REFERENCE FIRE PROTECTION DRAWINGS FOR LOCATION OF SPRINKLER HEADS. THIS DRAWING IS FOR COORDINATION CONCEPTS ONLY. NOTE: ALL SPRINKLER HEADS LOCATED IN LAY-IN ACOUSTICAL PANELS SHALL BE CENTERED IN CEILING PANELS UNLESS NOTED OTHERWISE.
11. WHERE SPRINKLER SYSTEMS ARE USED PROVIDE CONCEALED WHITE SPRINKLERS AT ALL GYPSUM BOARD CEILINGS AND SOFFITS UNLESS NOTED OTHERWISE.
12. MECHANICAL DESIGN-BUILD CONTRACTOR TO REWORK EXISTING/INSTALL NEW SYSTEM AND DIFFUSERS AS REQUIRED TO PROVIDE PROPER CONDITIONING OF THE NEW PLAN. RESEARCH EXISTING CONDITIONS AND VERIFY WORK REQUIRED. INSTALL DAMPERS AT ANY FIRE RATED ASSEMBLIES TO MATCH EXISTING.
13. FIRE PROTECTION DESIGN-BUILD CONTRACTOR TO REWORK EXISTING/INSTALL NEW SPRINKLER LINES AND DEVICES IN THE AREA OF WORK TO PROVIDE PROPER COVERAGE PER GOVERNING CODES. SPRINKLER HEADS TO MATCH BUILDING STANDARD. VERIFY WORK REQUIRED.

LIGHT FIXTURE GENERAL NOTES

1. ALL LIGHT FIXTURES SHALL HAVE A U.L. LABEL.
2. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS OF LIGHT FIXTURES.
3. WHEN INSTALLING LIGHT FIXTURES THE CONTRACTOR SHALL USE THE LIGHT FIXTURE MANUFACTURER'S MOUNTING HARDWARE AND FOLLOW ALL MANUFACTURER INSTALLATION DIRECTIONS.
4. CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE, CLIPS, ANGLES, FRAMES, ETC. AS REQUIRED TO MOUNT THE FIXTURES IN OR ON THE SURFACES THEY ARE TO BE INSTALLED.
5. ALL RECESSED DOWNLIGHTS MUST BE INSTALLED SO THAT THE BOTTOM OF THE THROAT IS EVEN WITH THE FINISHED CEILING PLANE UNLESS NOTED OTHERWISE. THE OVERLAPPING FLANGE MUST FIT FLUSH TO THE CEILING PLANE/THROAT. NO LIGHT LEAK MAY BE VISIBLE. ALL MISCELLANEOUS HARDWARE ABOVE THE CEILING PLANE TO ACCOMPLISH THE ABOVE SHALL BE INCLUDED IN THE BASE BID.
6. ALL RECESSED DOWNLIGHTS SHALL HAVE SELF-FLANGED REFLECTORS UNLESS NOTED OTHERWISE.
7. WHEN INSTALLING COMPACT FLUORESCENT LAMP LUMINAIRES, CONSISTENT LAMP ORIENTATION SHALL BE MAINTAINED IN A CONTIGUOUS AREA.

REF. CEILING PLAN LEGEND

NOTES:
SEE INTERIOR ELEVATIONS FOR LOCATIONS OF UNDERCABINET LIGHT FIXTURES.

	SUSPENDED ACOUSTICAL LAY-IN CEILING, 2' x 2' OR 2' x 4' AS SHOWN
	SUSPENDED GYPSUM BOARD CEILING OR SOFFIT
	RECESSED LAY-IN LIGHT FIXTURE 2' x 2' OR 2' x 4' AS SHOWN
	RECESSED LINEAR LIGHT FIXTURE
	RECESSED DOWNLIGHT FIXTURE
	CEILING MOUNTED EXIT SIGN / SHADDED AREAS INDICATE FACES / ARROWS INDICATE DIRECTION OF EGRESS
	CEILING MOUNTED EXIT SIGN / EMERGENCY LIGHT / SHADDED AREAS INDICATE FACES / ARROWS INDICATE DIRECTION OF EGRESS
	WIRELESS ACCESS POINT - CEILING MOUNTED
	SWITCH / HEIGHT AS NOTED
	3-WAY SWITCH / HEIGHT AS NOTED
	4-WAY SWITCH / HEIGHT AS NOTED
	DIMMER SWITCH / HEIGHT AS NOTED
	THERMOSTAT / HEIGHT AS NOTED
	EXHAUST FAN
	WALL MOUNTED LIGHT FIXTURE - SEE ELECTRICAL
	SPRINKLER HEAD
	CEILING SPEAKER

Roy A. Manzan

MO Architect License No. A-6661
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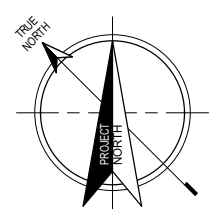
Proposed: **KIRKWOOD PUBLIC WORKS RENOVATION**
545 LEFFINGWELL AVE.

Warehouse Overall Reflected Ceiling Plan

Project No. 24059

Sheet No. **A114**

Date: 04/21/2026

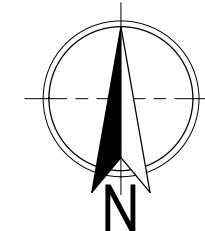


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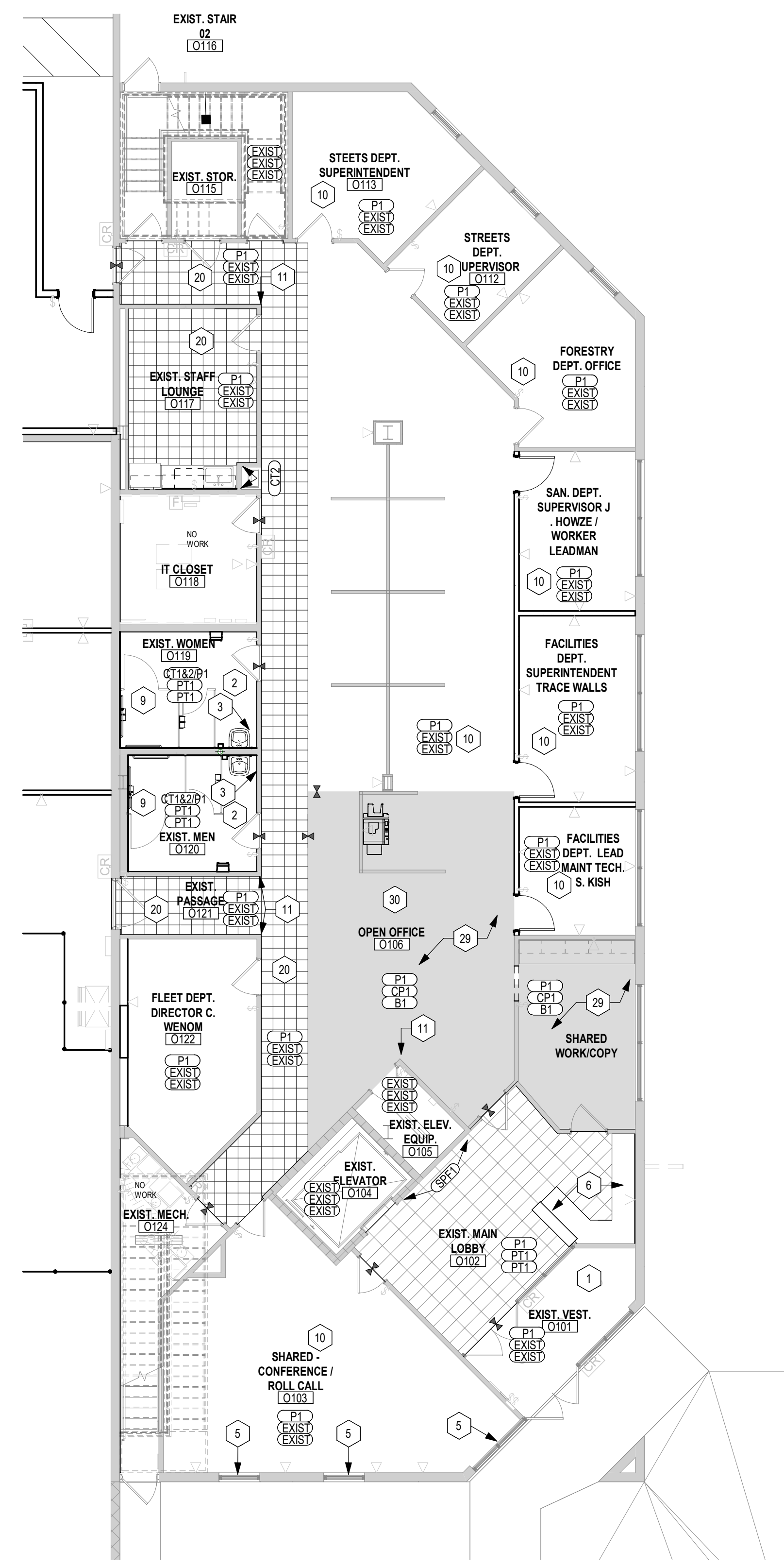
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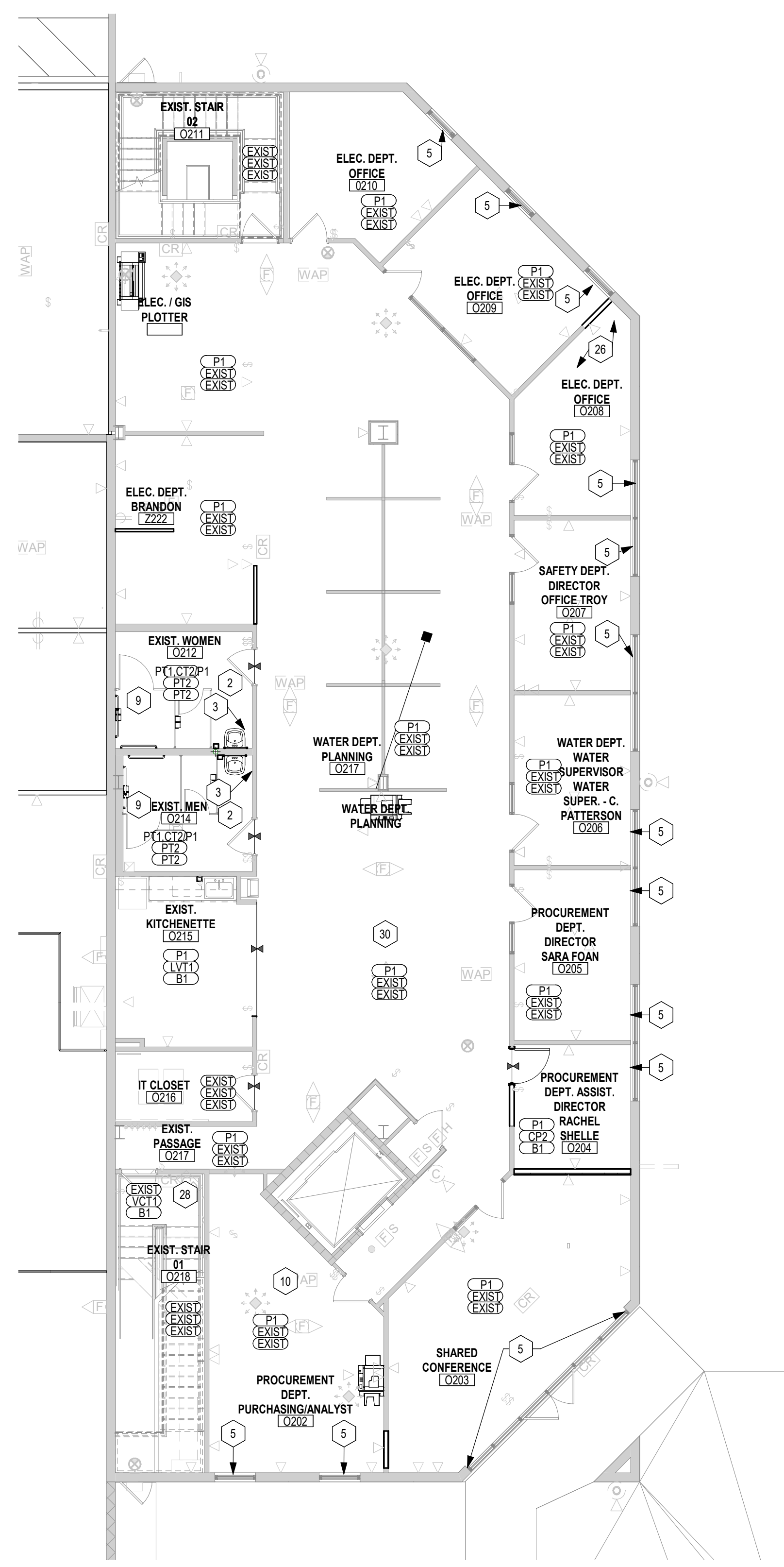
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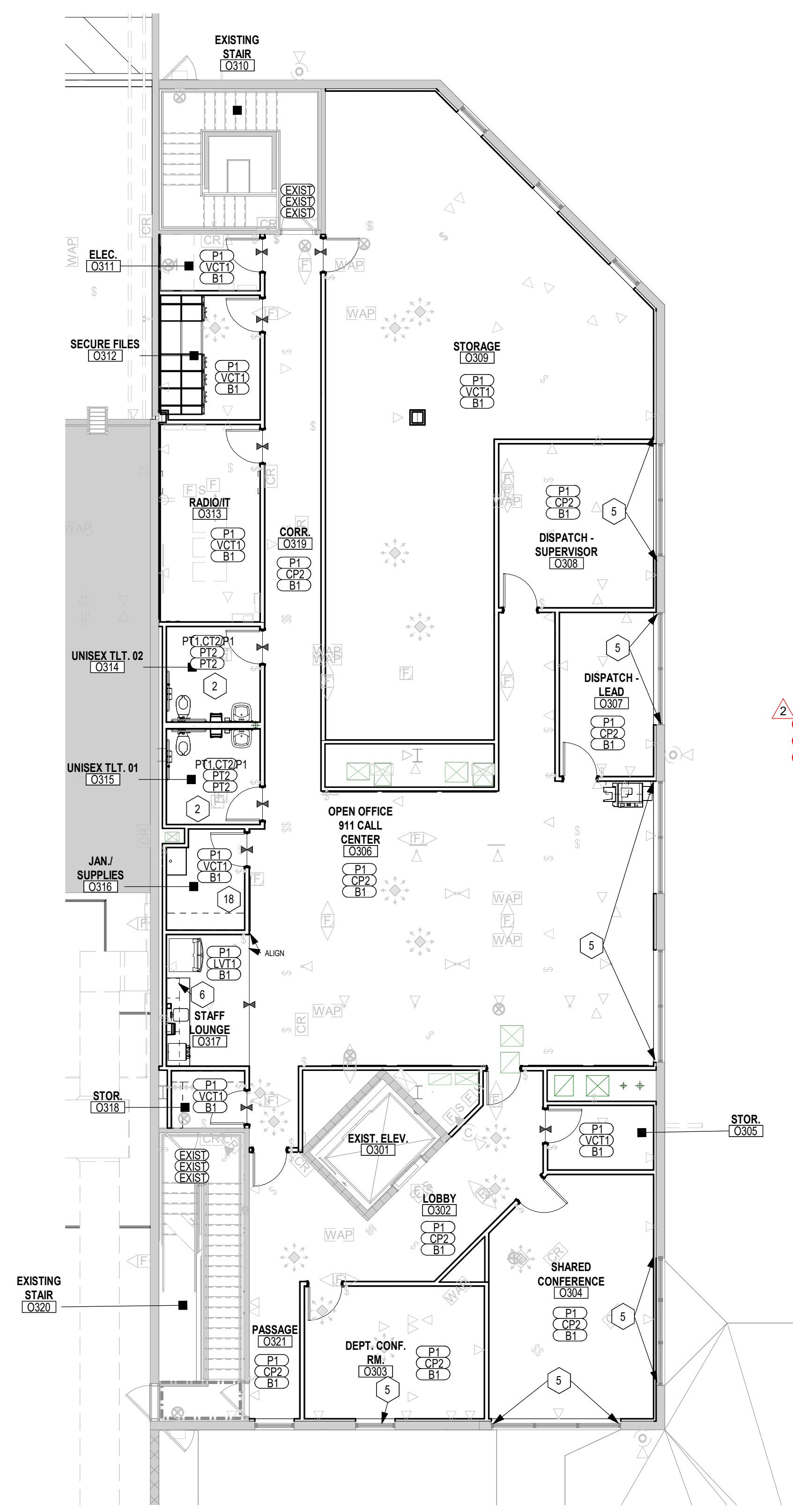
A1 BUSINESS OFFICE FINISH FLOOR PLAN - LEVEL 01
1/8" = 1'-0"



A3 BUSINESS OFFICE FLOOR FINISH PLAN - LEVEL 02
1/8" = 1'-0"



A5 BUSINESS OFFICE FINISH FLOOR PLAN - LEVEL 03
1/8" = 1'-0"



FINISH PLAN LEGEND

- SYMBOL DENOTES:
- | | | |
|--------------|---|-----------------------------|
| WALL FINISH | → | FLOOR MATERIAL CHANGE |
| FLOOR FINISH | → | CARPET PATTERN / TILE / LVT |
| BASE FINISH | → | DIRECTION |
- NOTE: * INDICATES THAT FINISH VARIES. REF. ELEVATIONS AND FINISH PLAN FOR ADD'L INFO
- EACH ROOM SHALL HAVE A ROOM FINISH TAG. SEE FLOOR FINISH PLAN. REFER TO FINISH PLAN KEYNOTES FOR CASEWORK FINISHES AND REFLECTED CEILING PLAN FOR CEILING FINISHES.

INTERIOR FINISH GENERAL NOTES

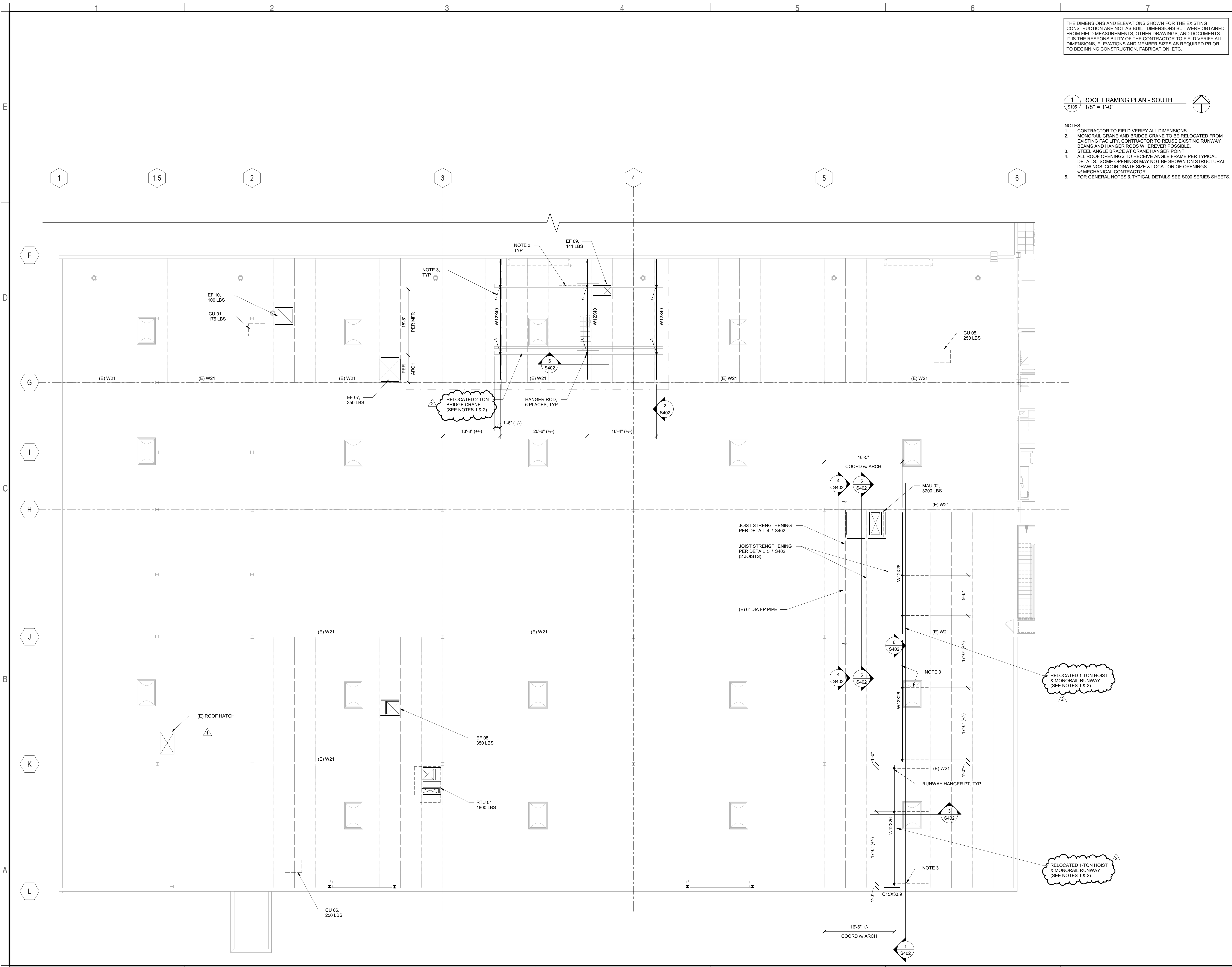
- INTERIOR FINISH MATERIALS SHALL COMPLY WITH THE FLAME SPREAD & SMOKE DEVELOPMENT LIMITATION USED IN CHAPTER 8 OF THE INTERNATIONAL BUILDING CODE.
- ALL INTERIOR WALL COVERINGS MUST COMPLY WITH THE FOLLOWING: CLASS 1, FLAME SPREAD RATING 0-25 ASTM E-84 PER FINISH SHEET.
- G.C. TO SUBMIT ALL FINISHES IN MATERIAL SAMPLE FORM TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS - NO INTERNET OR COPY FORM SUBMITTALS WILL BE APPROVED.
- ALL WALLS TO BE PAINTED P1 AND ALL INTERIOR DOOR FRAMES TO BE PAINTED P2 UNLESS NOTED OTHERWISE. ALL PAINTED SURFACES TO RECEIVE (1) PRIME COAT AND A MINIMUM OF (2) FINISH COATS PER PAINT COLOR.
- REFER TO REFLECTED CEILING PLAN FOR CEILING SYSTEM TYPES AND SOFFIT ACCENT PAINT COLOR LOCATIONS. ALL EXPOSED FACES OF SOFFITS TO BE PAINTED INCLUDING UNDERSIDE. ALL GYP. BD. CEILINGS TO BE PAINTED P4 UNLESS NOTED OTHERWISE.
- REFER TO FLOOR PLAN FOR ADJUSTABLE SHELVING LOCATIONS. ADJUSTABLE SHELVING SHALL BE HEAVY DUTY WHITE MELAMINE SHELVES WITH WHITE PVC EDGES MOUNTED ON WHITE HEAVY DUTY WALL MOUNTED STANDARDS WITH WHITE ADJUSTABLE HEAVY DUTY BRACKETS UNLESS NOTED OTHERWISE.
- ALL BUILT-IN CASEWORK TO BE VERIFIED AND COORDINATED WITH OWNER, G.C. TO SUBMIT SHOP DRAWINGS TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS.
- ALL HARDWARE TO BE BRUSHED STAINLESS STEEL FINISH UNLESS NOTED OTHERWISE.
- ALL FLOORING TO RUN FROM PARTITION TO PARTITION AND CENTER FLOORING IN DOOR OPENINGS AS REQUIRED, TYPICAL THROUGHOUT.
- PROVIDE APPROPRIATE ADA COMPLIANT TRANSITION/REDUCER STRIPS TO MATCH FLOORING AT ALL FLOORING MATERIAL TRANSITIONS AS NEEDED UNLESS NOTED OTHERWISE.
- ALL FLOORING PATTERN/GRAN TO RUN IN THE SAME DIRECTION THROUGHOUT UNLESS NOTED OTHERWISE. SEE FINISH FLOOR PLAN.
- SEE FINISH FLOOR PLAN FOR WALL PROTECTION LOCATIONS. WAINSCOTS AND CORNER GUARDS WHERE NOTED TO BE INSTALLED SO THAT BOTTOM EDGE ALIGNS WITH TOP EDGE OF SPECIFIED BASE, TYPICAL THROUGHOUT.
- SUBMIT SHOP DRAWINGS FOR ALL WINDOW TREATMENTS TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS.
- PROVIDE (2) BOXES OF EACH CARPET TILE FOR OWNER'S FUTURE MAINTENANCE.

KEYED NOTES FINISH FLOOR PLAN

MARK	DESCRIPTION
1	EXISTING FLOOR TILE & BASE TO REMAIN. PAINT ALL WALLS AND CEILING
2	EXISTING PUBLIC & INDIVIDUAL RESTROOMS. INSTALL CERAMIC TILE WAINSCOT C11 VET WALL & SIDE WALLS AT TOILET 6'-4" HEIGHT AS INDICATED. C2P EXPOSED EDGES WITH SCHLUTER TR1. INCLUDE ACCENT RIBBON OF WALL TILE C12. NOTE: WALLS WITHOUT WAINSCOT: BASE TO MATCH FLOOR TILE. CUT TO 4" X 24". WITH TOP CAP SCHLUTER TRIM TR1. PAINT ABOVE TILE ALL WALLS. CONCRETE BACKER BOARD AT TILE AND MOISTURE RESISTANT GYP BOARD ALL WALLS. REFER TO ELEVATIONS FOR ADD'L INFORMATION
3	RESTROOM NEW WALL MOUNTED PORCELAIN SINK INCLUDE COORDINATING ACRYLIC PIPE SHROUD
5	WINDOW TREATMENTS: MINI BLINDS TO REMAIN. AT AREAS OF NEW WORK PROVIDE HORIZ. MINI BLINDS TO MATCH EXISTING W/1. SEE FINISH SCHEDULE
6	25'0" PLASTIC LAMINATE COUNTERTOPS & 4" BACK & SIDE SPLASHES P12. BASEWALL CABINETS P1
9	PUBLIC RESTROOMS: REINSTALL EXISTING TOILET PARTITIONS AND ALL TOILET ACCESSORIES REMOVED DURING DEMOLITION. CARE IS TO BE EXERCISED TO REINSTALL IN SAME CONFIGURATION AND NOT TO DAMAGE PARTITIONS DURING REINSTALLATION
10	EXISTING CARPET: TILE TO BE PROVISIONALLY CLEANED WITH HOT WATER EXTRACTION AND THEN PROTECTIVE FINISH. CONTACT WOODWARD REP: ERICA DENNISON 314.347.2414
11	INSTALL CORNER GUARDS W/1 ALL OUTSIDE GYP BOARD CORNERS THRUOUT PROJECT TYPICAL. G2 TO CONFIRM QUANTITIES
18	JANITOR: INSTALL FRP 52' OAH WAINSCOT AROUND ROOM ALL WALLS (48" FRP INSTALL ALONG TOP OF 4' X 4" VINYL BASE. USE ALL COORDINATING PVC TRIM TOP, BOTTOM & INSIDE CORNER PIECES. CLEAR BEAD OF SEALANT ALONG ALL EDGES OF MOP SINK.
20	EXISTING VCT TO BE STRIPPED, CLEANED & REWAXED
26	INFILL CARPET WITH OWNERS ATTIC STOCK TO MATCH EXISTING AT REMOVED PARTITION
28	STAIR LANDING REPLACE DAMAGED VCT FLOOR WITH NEW VCT AND VINYL BASE
29	DESIGN INTENT IS TO REPLACE SOILED TILES USING OWNERS 24 BOXES OF CARPET TILE STORED ON THE THIRD FLOOR. CONFIRM QUANTITIES. RETAIN ANY "CLEAN" TILES. ANY EXTRA "CLEAN TILES" TO BE SHUFFLED INTO AREAS TO REPLACE OTHER VISIBLY SOILED CARPET TILES
30	TOUCH UP DOORFRAME PAINT P2 ONLY AS REQUIRED TO CONCEAL ANY VISIBLE SCRATCHES. CONFIRM EXTENT OF WORK NEEDED

SCALE: 1/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 1/16" = 1'-0"

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THE DIMENSIONS AND ELEVATIONS SHOWN FOR THE EXISTING CONSTRUCTION ARE NOT AS-BUILT DIMENSIONS BUT WERE OBTAINED FROM FIELD MEASUREMENTS, OTHER DRAWINGS, AND DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND MEMBER SIZES AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION, FABRICATION, ETC.

1 ROOF FRAMING PLAN - SOUTH
S105 1/8" = 1'-0"

- NOTES:
1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.
 2. MONORAIL CRANE AND BRIDGE CRANE TO BE RELOCATED FROM EXISTING FACILITY. CONTRACTOR TO REUSE EXISTING RUNWAY BEAMS AND HANGER RODS WHEREVER POSSIBLE.
 3. STEEL ANGLE BRACE AT CRANE HANGER POINT.
 4. ALL ROOF OPENINGS TO RECEIVE ANGLE FRAME PER TYPICAL DETAILS. SOME OPENINGS MAY NOT BE SHOWN ON STRUCTURAL DRAWINGS. COORDINATE SIZE & LOCATION OF OPENINGS w/ MECHANICAL CONTRACTOR.
 5. FOR GENERAL NOTES & TYPICAL DETAILS SEE S000 SERIES SHEETS.

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Kirkwood, MO

Proposed: KIRKWOOD PUBLIC WORKS RENOVATION

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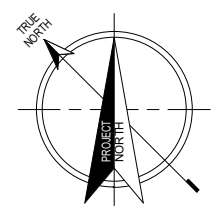
No.	Date	Revision
1	03/30/2026	ISSUED FOR CONSTRUCTION
2	04/21/2026	ADDENDUM #1
3	04/21/2026	ADDENDUM #4

Project No. 2500232

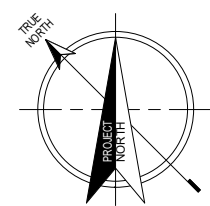
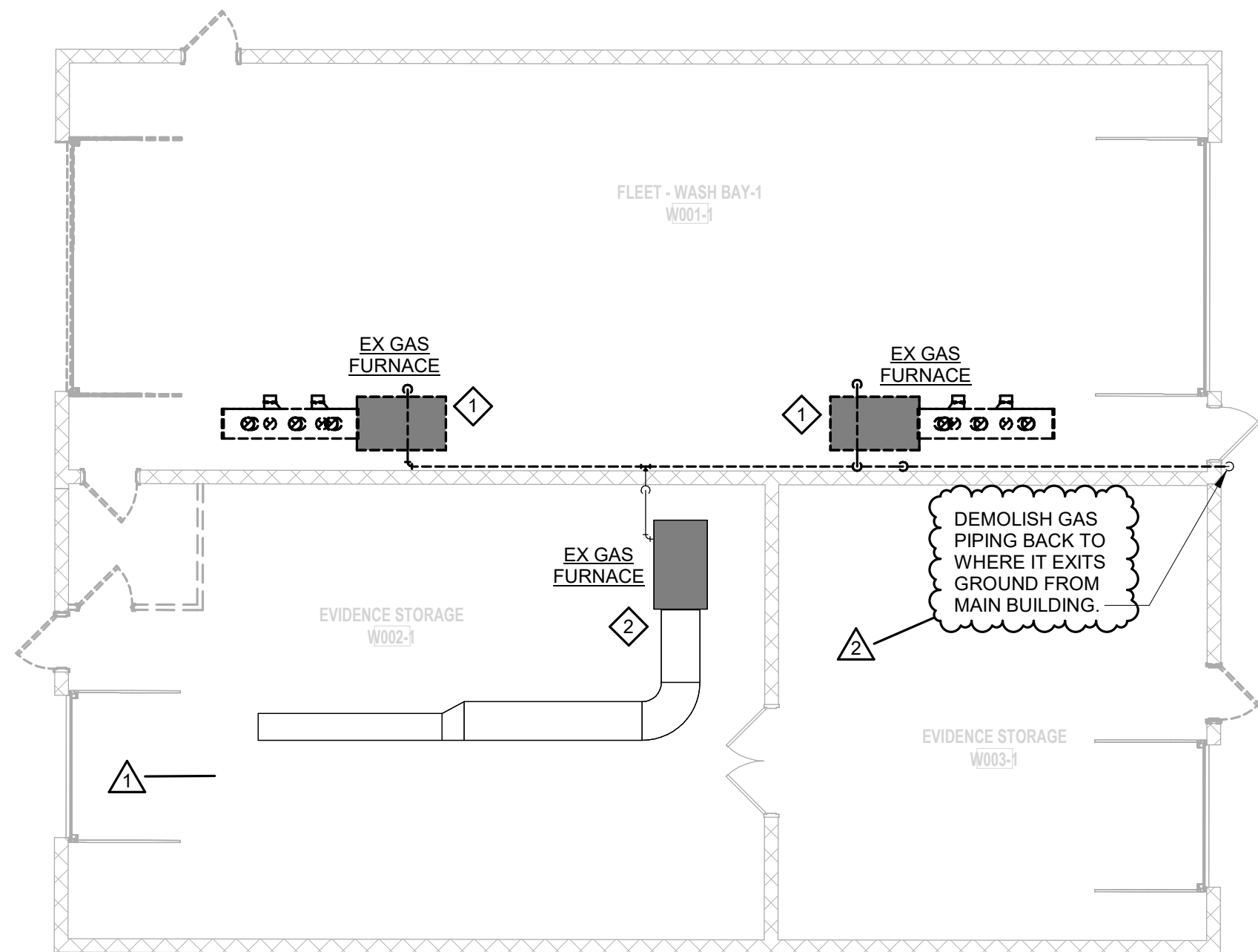
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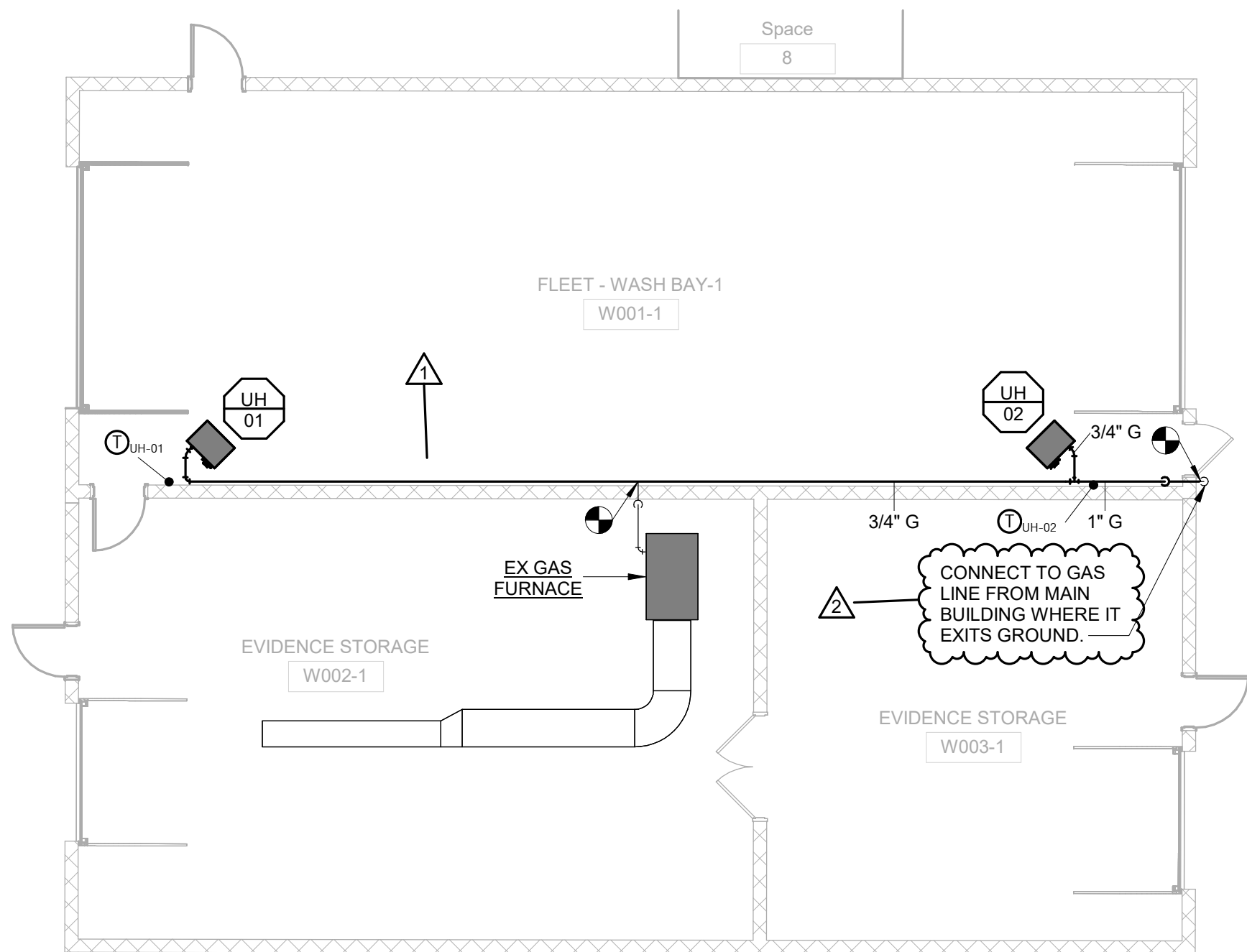
ROOF FRAMING PLAN - SOUTH



1 PARTIAL MECHANICAL DEMO PLAN - WASH BAY
1/8" = 1'-0" 0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"



2 PARTIAL MECHANICAL NEW WORK PLAN - WASH BAY
1/8" = 1'-0" 0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"



Name: Richard W. Halteman
Discipline: Professional Engineer
License No: PE-25112
Expiration Date: 12/31/2026

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1	04/10/2026	ADDENDUM #1
2	04/27/2026	ADDENDUM #4

Project No.
24059

Sheet No.

M106

Date
03/27/2026

MECH PLAN - AUXILIARY BUILDING

Proposed:
KIRKWOOD PUBLIC WORKS
RENOVATION

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1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"

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

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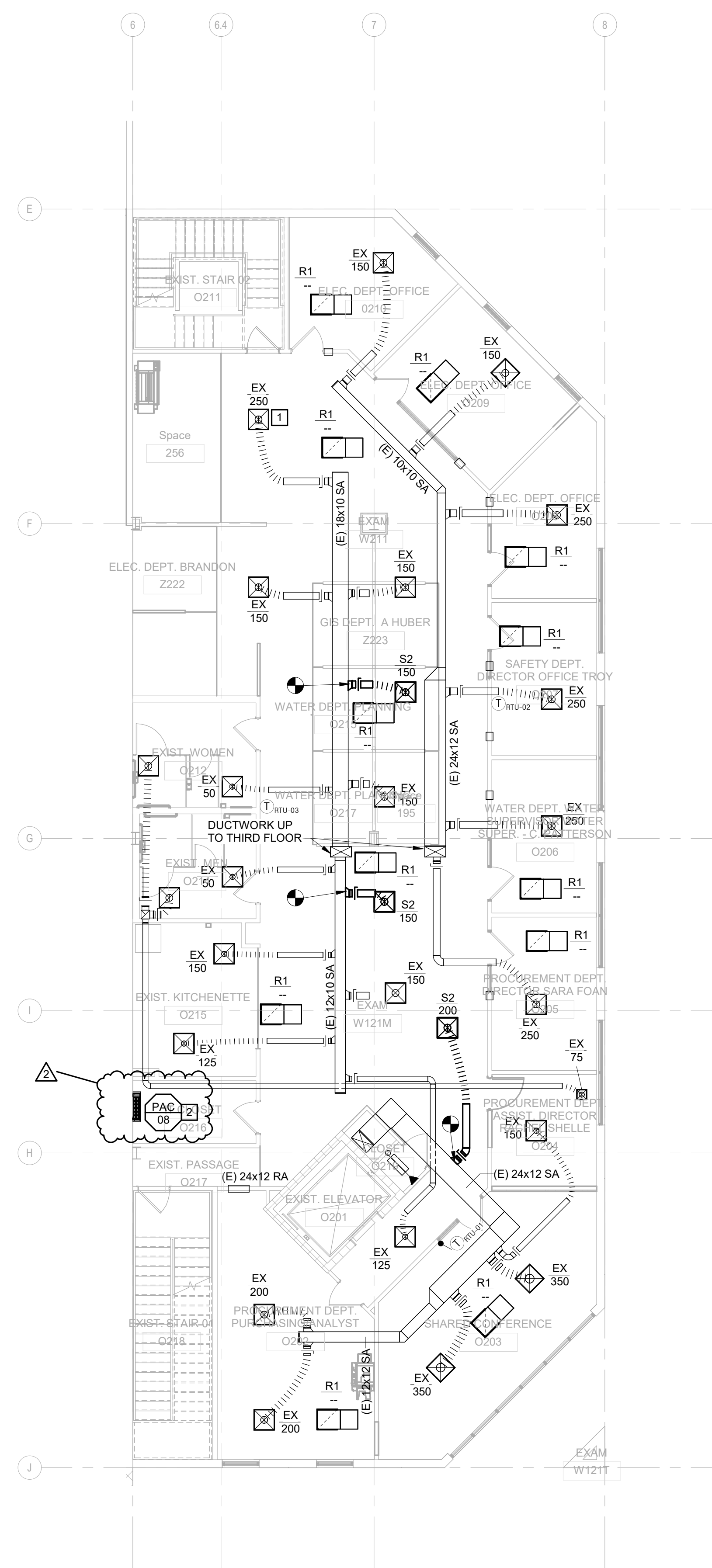
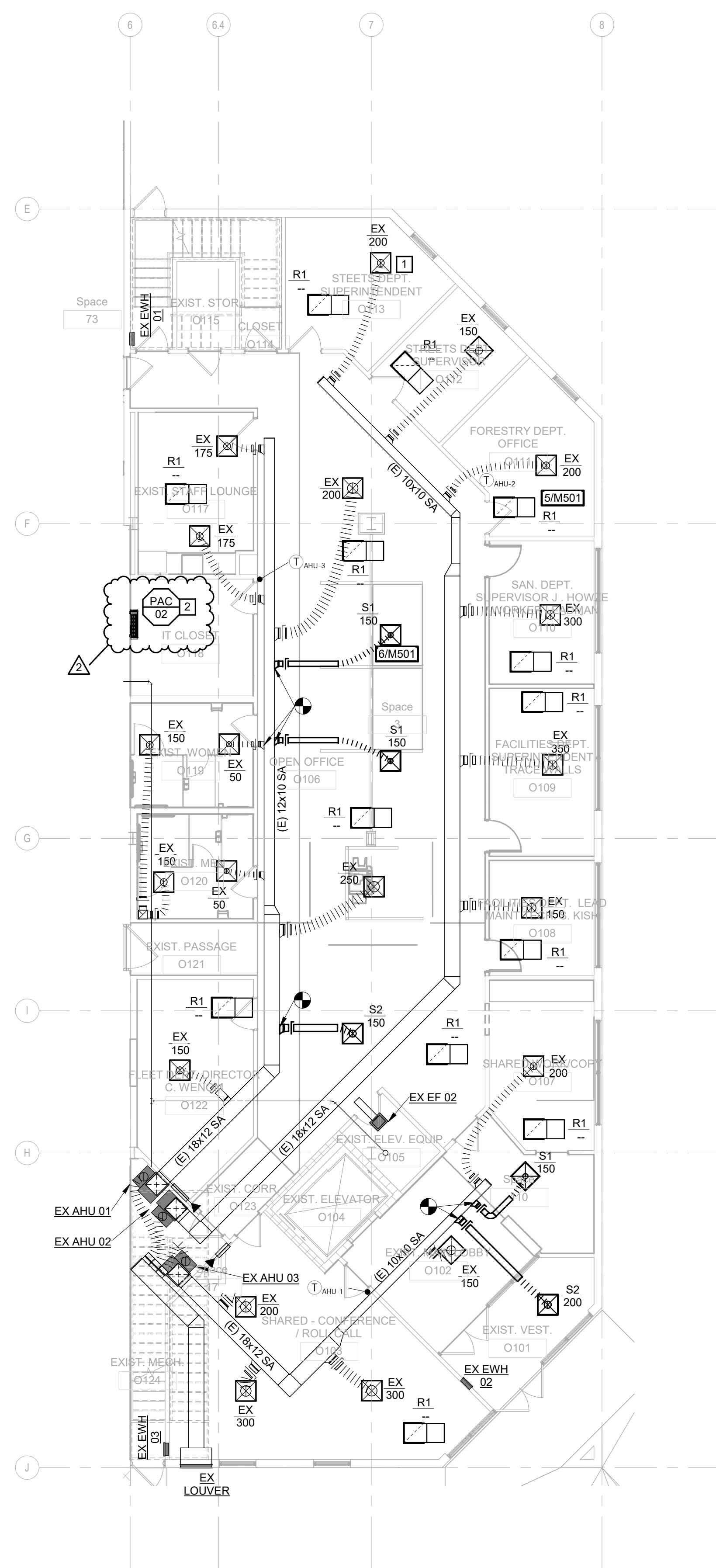
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MECHANICAL-NUCLEAR ENGINEERING

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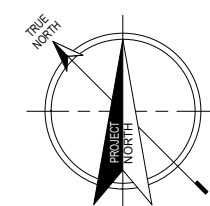
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M203 KEYED NOTES

- 1 INSTALL EXISTING AIR DEVICE INTO EXISTING CEILING AND RECONNECT TO FLEXIBLE DUCTWORK. REPLACE AS INDICATED. ADD NEW FLEX DUCT AS NEEDED TO REACH NEW AIR DEVICE LOCATION. TYPICAL
- 2 ROUTE CONDENSATE LINE TO NEAREST SINK P-TRAP

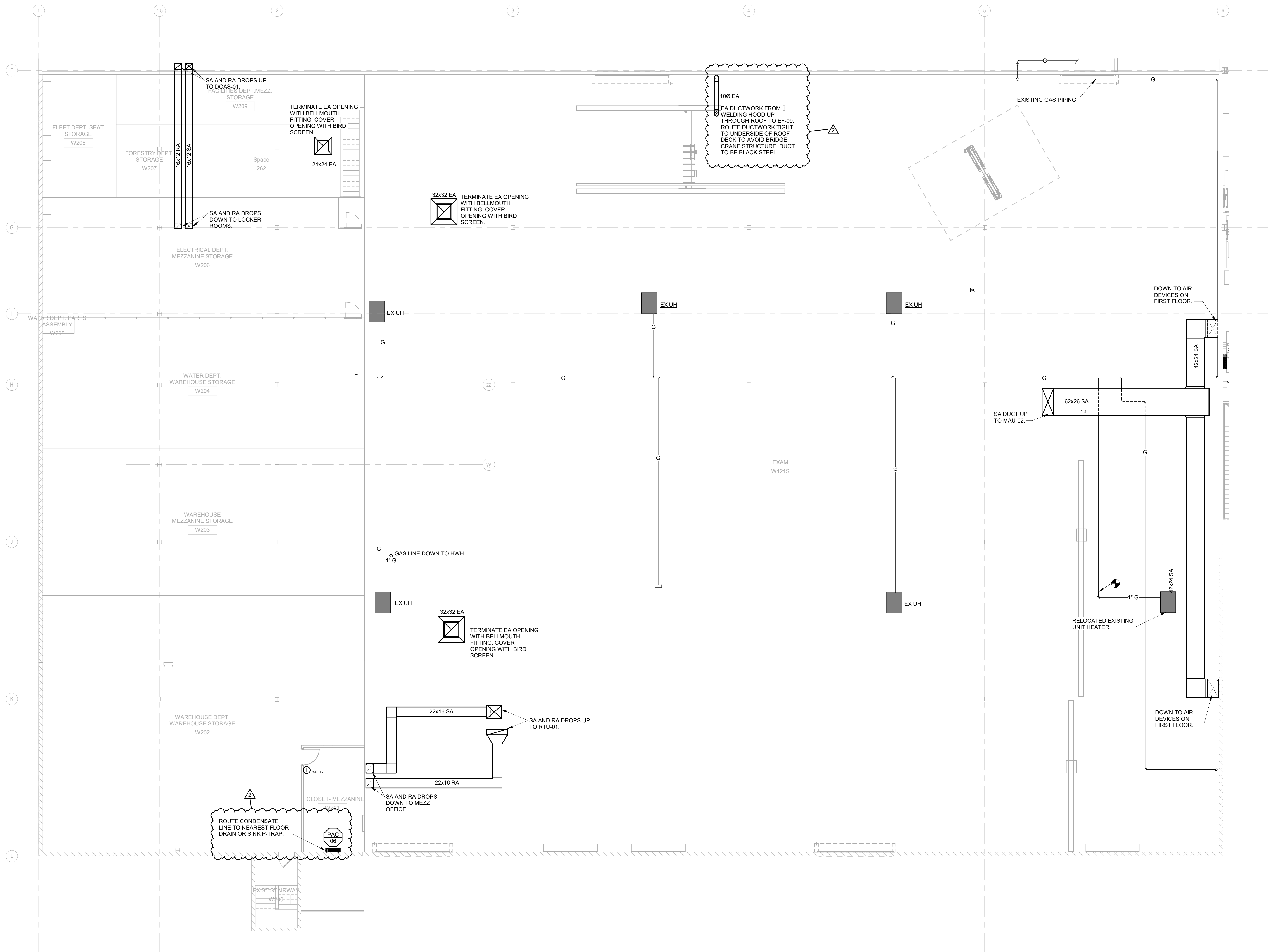
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2

PARTIAL MECHANICAL PLAN - SECOND FLOOR SOUTH WAREHOUSE

1/8" = 1'-0"
0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"



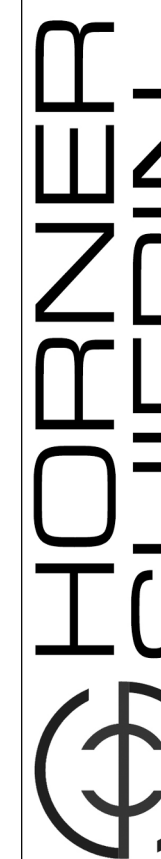
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Discipline: Professional Engineer
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No. 2
Date: 04/27/2026
Revision

Proposed:

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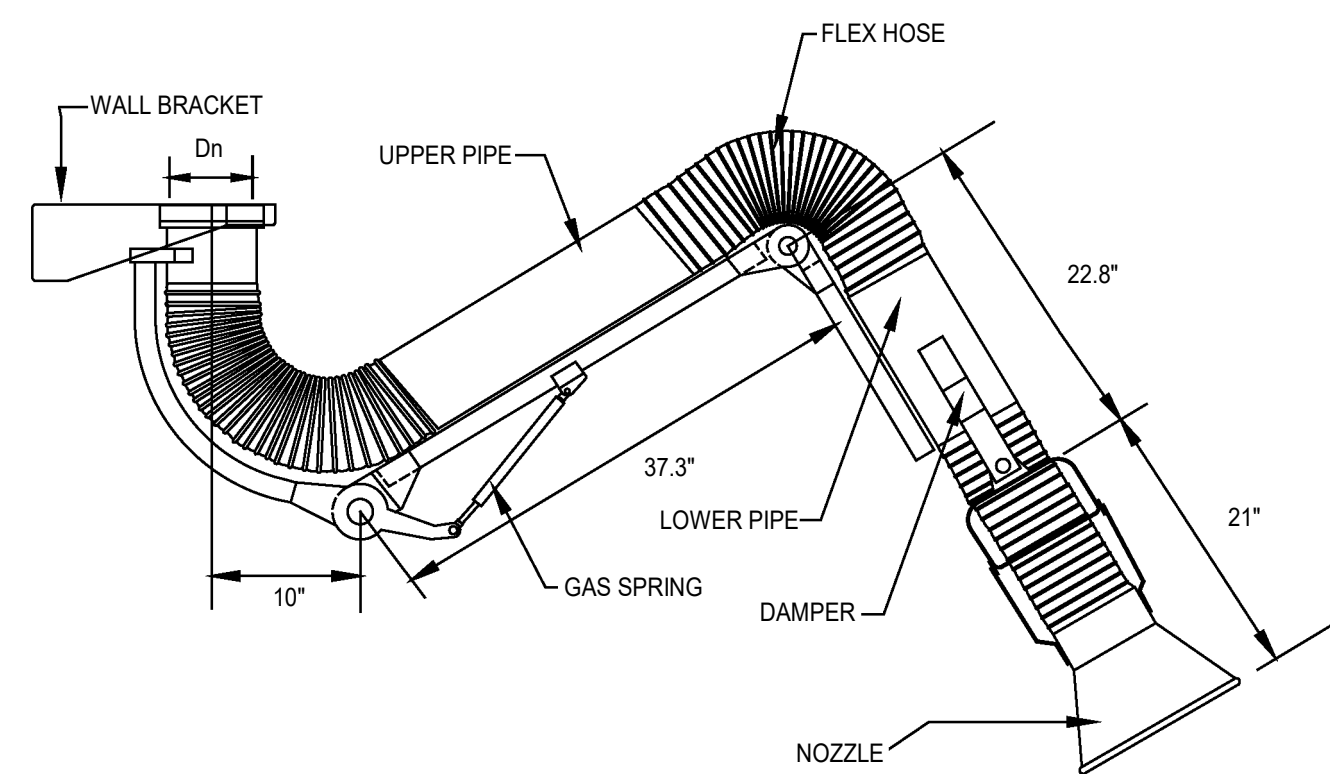
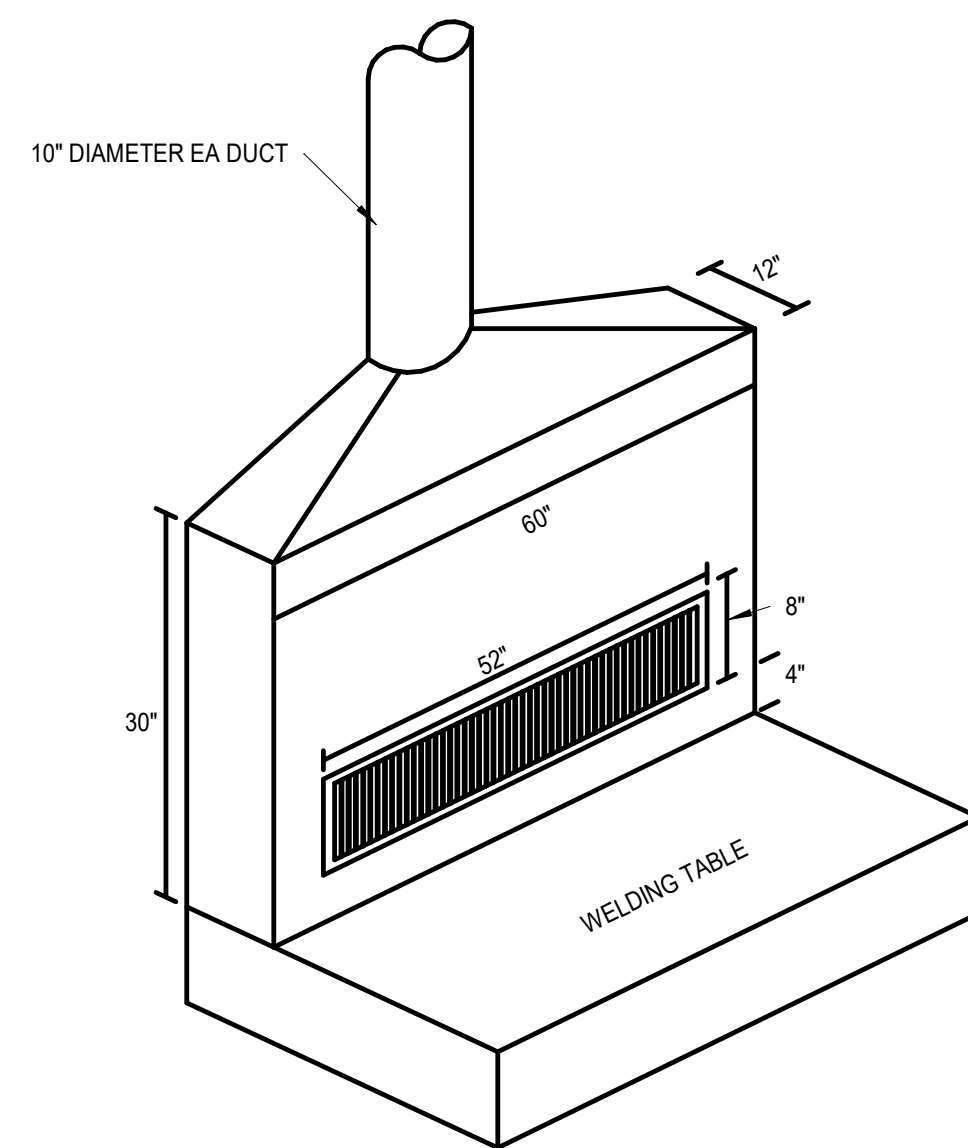
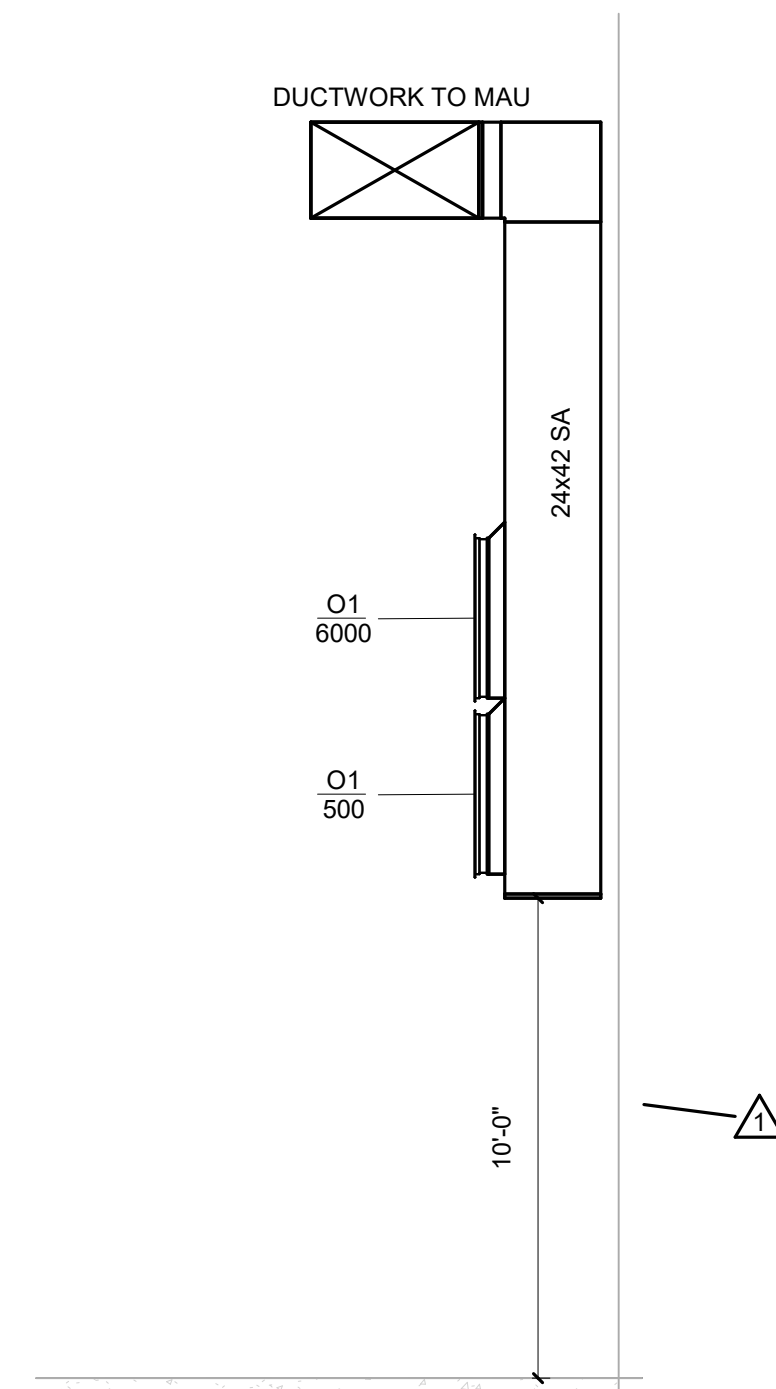
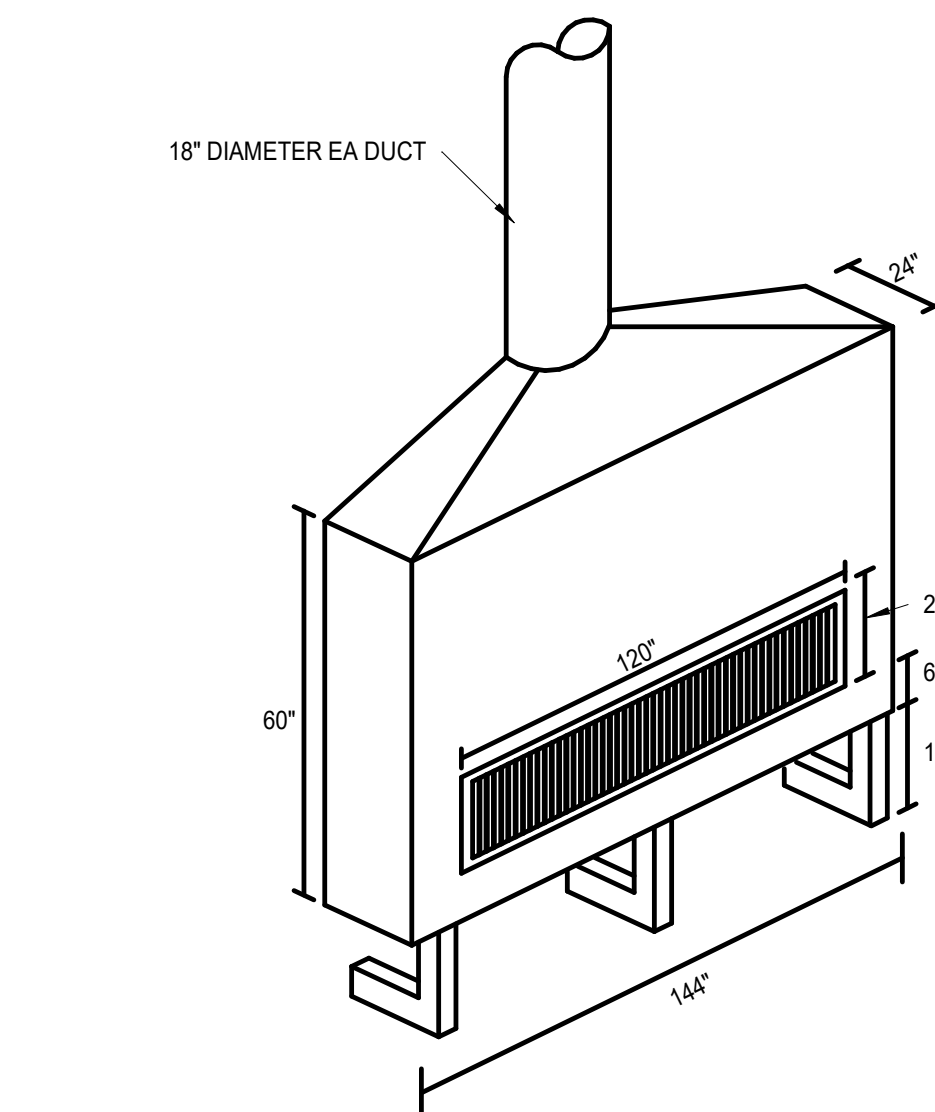
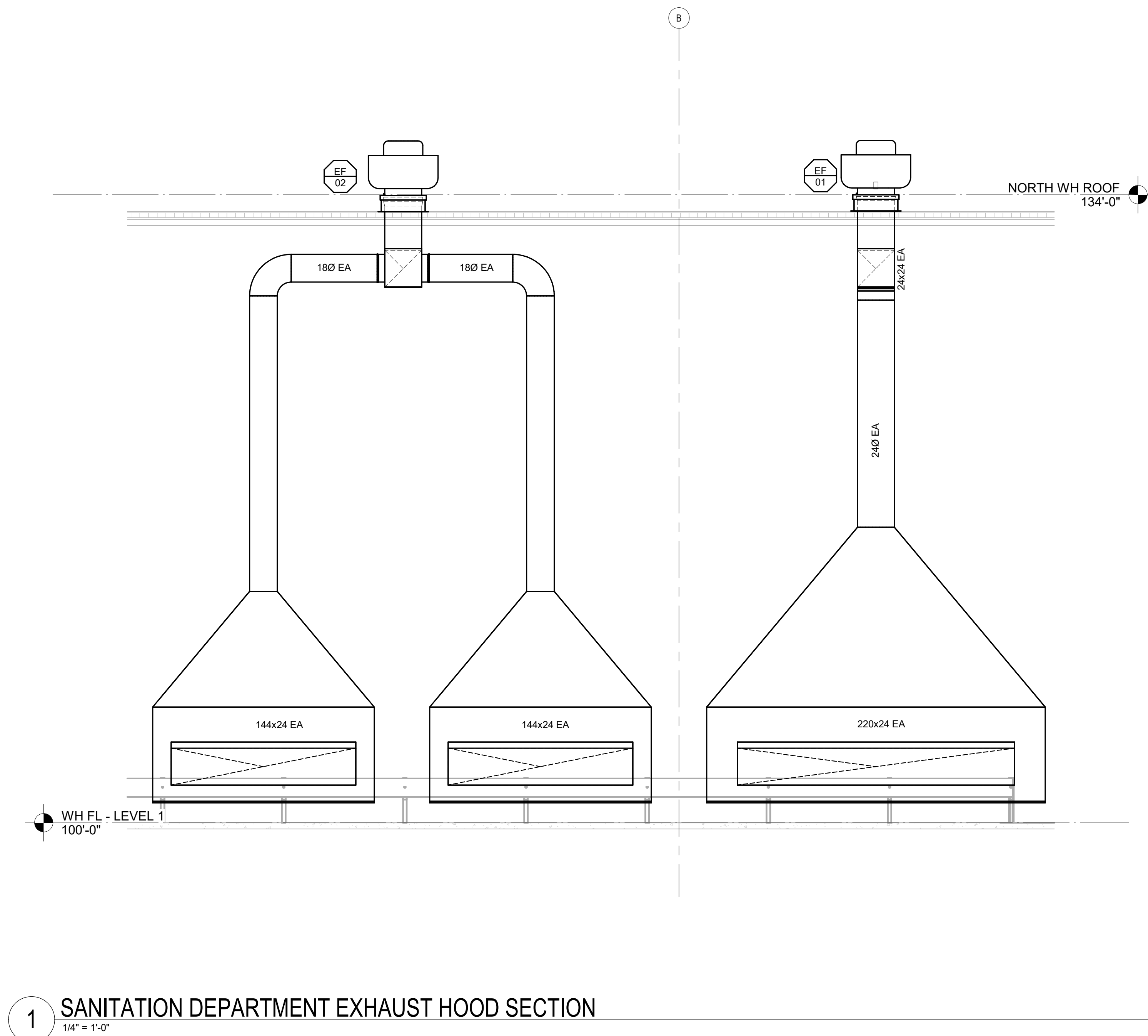
Roy A. Marston
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MECH PLAN - S WAREHOUSE L02

Project No.
24059

Sheet No.
M204

Date
03/27/2026



Name: Richard W. Halteman
Discipline: Professional Engineer
License No: PE-25112
Expiration Date: 12/31/2026

No. 2
Date 04/17/2026
Revision 2
Date 04/27/2026

Proposed:

KIRKWOOD PUBLIC WORKS
RENOVATION

545 LEFFINGWELL AVE.

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MECH DETAILS

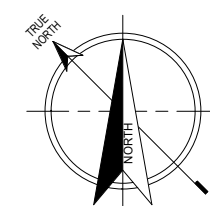
Project No.
24059

Sheet No.

M502

Date
03/27/2026

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0 15' 30' 60'
SCALE: 1" = 30'-0"

2 ELECTRICAL SITE PLAN - SOUTH

1" = 30'-0"

1 ELECTRICAL SITE PLAN - NORTH

1" = 30'-0"

E201 SHEET KEYED NOTES

- KPW UTILITY SERVICE TRANSFORMER. COORDINATE TRANSFORMER EQUIPMENT PAD REQUIREMENTS AND ORIENTATION WITH KPW REPRESENTATIVE PRIOR TO INSTALLATION.
- AS PART OF ALTERNATE #1B - WHOLE BUILDING GENERATOR, PROVIDE EMERGENCY STANDBY GENERATOR (GEN-EH1) 800KW/1000KVA, 480Y/277V WITH SOUND ATTENUATING ENCLOSURE AND 24 HOUR SUB-BASE FUEL TANK SEPARATELY DERIVED SYSTEM. IN PLACE OF THE PORTABLE GENERATOR DOCKING STATION IN THE BASE BID.
- NEW KPW CT AND METERING CABINET FOR NEW FACILITY ELECTRICAL SERVICE. COORDINATE LOCATION OF CT AND METERING CABINET WITH EXISTING TO REMAIN NATURAL GAS SERVICE IN THIS AREA. PROVIDE NEMA 3R, HINGED CT CABINET (MINIMUM OF 36"x36"x12"D). METER COMPONENTS AND GROUNDING IN COMPLIANCE WITH KIRKWOOD ELECTRICAL SERVICE MANUAL. INSTALL KPW PROVIDED BAR-TYPE CTS IN CABINET AS REQUIRED.
- EXISTING KPW CT AND METERING CABINET SERVING THE FIRE PUMP SHALL REMAIN. NEW FIRE PUMP NORMAL SERVICE FEEDER SHALL BE PROVIDED TO THE EXISTING TO REMAIN WALL MOUNTED CT AND METERING CABINET FROM THE KPW SERVICE TRANSFORMER. PROVIDE SERVICE CONDUIT AND CONDUCTORS FROM SERVICE TRANSFORMER SECONDARY TO EXISTING METERING CABINET.
- APPROXIMATE ROUTE OF UNDERGROUND CONDUIT FOR SEGRA COMMUNICATION SERVICE. EXACT ROUTE TO BE COORDINATED WITH SEGRA. PROVIDE (2) 2" EMPTY CONDUIT WITH PULLSTRING FROM UTILITY POLE TO BUILDING.
- PROVIDE 4" EMPTY UNDERGROUND CONDUIT WITH PULLSTRING PER KPW REQUIREMENTS FOR UTILITY PROVIDED PRIMARY FEEDER CONDUCTORS FROM OVERHEAD UTILITY POLE TO UTILITY TRANSFORMER. REFER TO DETAIL 1 ON SHEET E501 FOR DUCTBANK DETAIL.
- AS PART OF ALTERNATE #1B - WHOLE BUILDING GENERATOR, PROVIDE AND ROUTE CONDUITS FROM ENGINE-GENERATOR SET TO BUILDING OVERHEAD AT 7 FEET ABOVE FINISHED GRADE TO EXTERIOR OF BUILDING. PROVIDE SEISMIC RATED CONDUIT SUPPORTS FOR ALL CONDUITS. ROUTE CONDUITS EXPOSED ON BUILDING TO SURFACE MOUNTED PULL BOXES LOCATED ON EXTERIOR WALL. PROVIDE PENETRATION OF EXISTING BUILDING AND SEAL WATERTIGHT ON BOTH SIDES OF THE PENETRATION.
- AS PART OF BASE BID, EMERGENCY SYSTEM PORTABLE GENERATOR DOCKING STATION SHALL BE PROVIDED FOR STANDBY POWER SYSTEM.
- NEMA 3R SERVICE FEEDER PULL BOX.
- EXISTING DUAL HEADED POLE MOUNTED LIGHTING FIXTURE TO REMAIN. RECONNECT TO NEW CIRCUIT AND PANEL AS SHOWN. RECONNECT TO NEW CIRCUIT VIA EXISTING TO REMAIN JUNCTION BOX LOCATED INSIDE BUILDING. NEW EXTERIOR LIGHTING CIRCUITS SHALL BE ROUTED THROUGH PHOTOCELL CONTROLLED LIGHTING CONTROL PANEL.
- EXISTING LIGHTING BOLLARD TO REMAIN. RECONNECT TO NEW CIRCUIT AND PANEL AS SHOWN. RECONNECT TO NEW CIRCUIT VIA EXISTING TO REMAIN JUNCTION BOX LOCATED INSIDE BUILDING. NEW EXTERIOR LIGHTING CIRCUITS SHALL BE ROUTED THROUGH PHOTOCELL CONTROLLED LIGHTING CONTROL PANEL.
- PROVIDE TRIPLEX GROUND ROD GROUNDING ELECTRODE SYSTEM WITH #20 GROUNDING ELECTRODE CONDUCTOR FOR ELECTRICAL SERVICE.
- PROVIDE TRIPLEX GROUND ROD GROUNDING ELECTRODE SYSTEM WITH #30 GROUNDING ELECTRODE CONDUCTOR FOR ELECTRICAL SERVICE.
- AS PART OF ALTERNATE #B - WHOLE BUILDING GENERATOR, PROVIDE TRIPLEX GROUND ROD GROUNDING ELECTRODE SYSTEM WITH #30 GROUNDING ELECTRODE CONDUCTOR FOR STANDBY POWER SEPARATELY DERIVED POWER SYSTEM.
- PROVIDE 4" CONDUIT WITH SERVICE FEEDER FROM KPW POWER POLE WITH POLE MOUNT TRANSFORMERS TO NEW KPW CT AND METERING CABINET. COORDINATE LOCATION AND REQUIREMENTS WITH KPW PRIOR TO INSTALLATION.
- PROVIDE NEW KPW CT AND METERING CABINET FOR NEW RECYCLING CENTER SERVICE. METERING AND GROUNDING SHALL BE IN COMPLIANCE WITH KIRKWOOD ELECTRICAL SERVICE MANUAL AND AS COORDINATED WITH KPW.

No. 2 Date: 04/21/2026 Addendum #4

Revision

Proposed: KIRKWOOD PUBLIC WORKS

HORNER SHIFRIN

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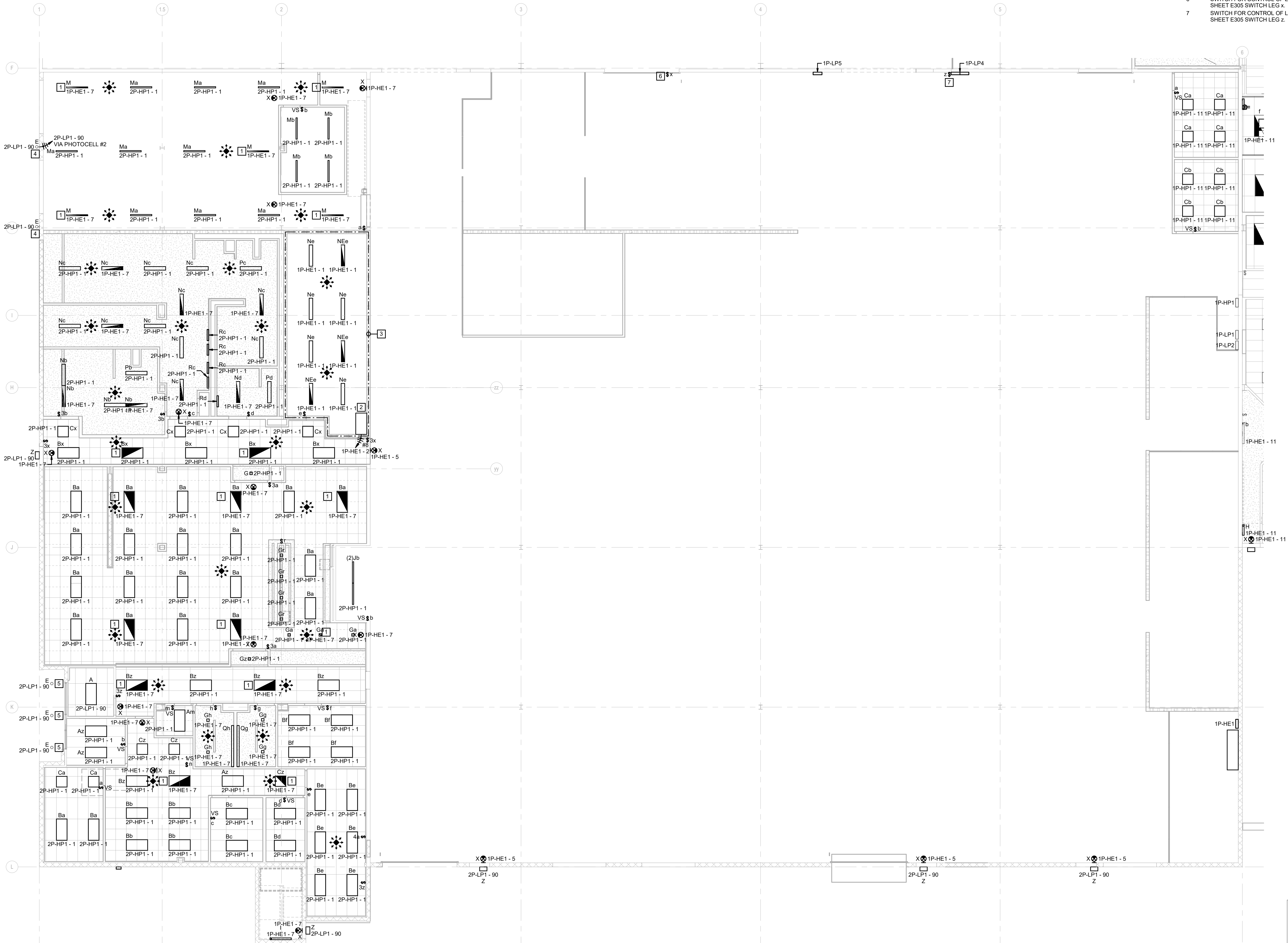
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GENERAL NOTES (THIS SHEET ONLY):

1. ALL WORK ASSOCIATED WITH THE CENTRAL LIGHTING INVERTER AND EMERGENCY LIGHTING WITHIN THE STORM SHELTER SHALL BE INCLUDED IN THE ALTERNATE #3 - STORM SHELTER.

E302 SHEET KEYED NOTES

1. FIXTURE CONTROLLED FROM UL924 RELAY TO SWITCH EMERGENCY LIGHTS WITH NORMAL LIGHTS.
2. STORM SHELTER EMERGENCY LIGHTING QUARTER AS PART OF ALTERNATE #3 - STORM SHELTER, PROVIDE 3 KVA, SINGLE PHASE UL 924 INTERRUPTIBLE POWER SUPPLY WITH 120 MINUTE RUNTIME AND FOUR 20A OUTPUT CIRCUIT BREAKERS. AS PART OF THIS ALTERNATE, THE EMERGENCY LIGHTING IN THE STORM SHELTER AREA SHALL BE CONNECTED TO THE LIGHTING INVERTER LOCATED WITHIN THE SHELTER.
3. EXISTING EXTERIOR WALL PACK TO REMAIN. RECONNECT TO NEW CIRCUIT AND PANEL AS SHOWN.
4. EXISTING EXTERIOR DOWNLIGHT TO REMAIN. RECONNECT TO NEW CIRCUIT AND PANEL AS SHOWN.
5. SWITCH FOR CONTROL OF LIGHT FIXTURES SHOWN ON SHEET E305 SWITCH LEG X.
6. SWITCH FOR CONTROL OF LIGHT FIXTURES SHOWN ON SHEET E305 SWITCH LEG Z.
7.



1 LIGHTING PLAN - S WAREHOUSE L01

1/8" = 1'-0"

0 4'-0" 8'-0" 16'-0"
SCALE: 1/8" = 1'-0"

ELECTRICAL LEGEND

NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED

LIGHT FIXTURES:

Ab	A = FIXTURE TYPE b = SWITCH LEG
EL - 1	LIGHT FIXTURE EL = PANEL 1 = CIRCUIT NUMBER
	2x4 LIGHT FIXTURE
	2x4 LIGHT - EMERGENCY
	2x4 LIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	2x2 LIGHT FIXTURE
	2x2 LIGHT - EMERGENCY
	2x2 LIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	CIRCLE DOWNLIGHT FIXTURE
	CIRCLE DOWNLIGHT - EMERGENCY
	CIRCLE DOWNLIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	CIRCLE DOWNLIGHT - WALL WASH FIXTURE
	SQUARE DOWNLIGHT FIXTURE
	SQUARE DOWNLIGHT - EMERGENCY
	SQUARE DOWNLIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
	SQUARE DOWNLIGHT - WALL WASH FIXTURE
	INDUSTRIAL STRIP LIGHT FIXTURE
	EXTERIOR FLOOD LIGHT
	POLE LIGHT FIXTURE
	BOLLARD
	BOLLARD - EMERGENCY
	EXIT SIGN - CEILING MOUNTED (WITH DIRECTIONAL ARROW) (SHADE INDICATES # OF FACES)
	EXIT SIGN - WALL MOUNTED (WITH DIRECTIONAL ARROW) (SHADE INDICATES # OF FACES)
	EMERGENCY LIGHT PACK WITH BATTERY (96" A.F.F.)
	SCONCE
	WALL PACK - EXTERIOR
	TRACK LIGHTING
	CEILING FAN

LIGHTING CONTROLS:

	DAYLIGHT HARVEST SENSOR
	PHOTOCELL
	CEILING OCCUPANCY SENSOR VS = VACANCY SENSOR OC = OCCUPANCY SENSOR
	CEILING OCCUPANCY SENSOR MULTI DIRECTION
	TOGGLE SWITCH SINGLE POLE a = SWITCH LEG (LOWER CASE LETTERS)
	TOGGLE SWITCH THREE WAY
	TOGGLE SWITCH FOUR WAY
	DIMMER SWITCH
	KEY OPERATED SWITCH
	SWITCH WITH PILOT LIGHT ON WHEN SWITCH IS ON
	TIMER SWITCH
	WEATHERPROOF SINGLE POLE SWITCH
	OCCUPANCY SENSOR WALL MOUNTED WITH OFF-AUTO OVERRIDE SWITCH
	VACANCY SENSOR WALL MOUNTED
	LOW VOLTAGE SWITCH (48" A.F.F.)

ABBREVIATIONS:

A.F.F.	ABOVE FINISH FLOOR
C	CONDUIT
c	6" ABOVE COUNTER BACKSPLASH
u	USB OUTLET
GFI	GROUND FAULT INTERRUPTER
WP	WEATHERPROOF
GRS	GALVANIZED RIGID STEEL
EMT	ELECTRICAL METAL TUBING
AC	ALTERNATING CURRENT
MC	METAL CLAD CABLE
PVC	POLYVINYL CHLORIDE CONDUIT
IG	ISOLATED GROUND
E	EXISTING TO REMAIN

CONDUIT:

---	CONDUIT EXPOSED
---	CONDUIT CONCEALED IN FLOOR, BELOW SLAB OR BELOW GRADE
---	CONDUIT CONCEALED IN WALL OR CEILING
---	TELEPHONE CONDUIT
-CATV-	TELEVISION CONDUIT
---	CONDUIT DOWN
---	CONDUIT UP
---	CONDUIT SLEEVE INSULATED BUSHING EACH END
---	WIRE IN CONDUIT LEFT TO RIGHT 1 GROUND, 1 NEUTRAL, 3 HOTS
A-1.3	HOME RUN A = PANEL A 1.3 = CIRCUITS 1,3
---	CABLE TRAY
(A)	FEEDER A
(G)	GROUND JACK
(PB)	PULL BOX
(HH)	HAND HOLE

ELECTRICAL DEVICES:

	SIMPLEX RECEPTACLE (18" A.F.F.)
	DUPLEX RECEPTACLE (18" A.F.F.)
	GFI DUPLEX RECEPTACLE (18" A.F.F.)
	QUAD DUPLEX RECEPTACLE (18" A.F.F.)
	GFI QUAD DUPLEX RECEPTACLE (18" A.F.F.)
	EMERGENCY RECEPTACLE (18" A.F.F.)
	COUNTERTOP RECEPTACLE (6" ABOVE COUNTER)
	TAMPER RESISTANT RECEPTACLE (18" A.F.F.)
	FLOOR RECEPTACLE (18" A.F.F.)
	SPECIAL PURPOSE RECEPTACLE (18" A.F.F.)
	SPECIAL PURPOSE FLOOR RECEPTACLE (18" A.F.F.)
	JUNCTION BOX
	JUNCTION BOX IN FLOOR
	SURFACE RACEWAY DUPLEX OUTLET 3' ON CENTER
	POWER POLE
	POWER SUPPLY
	POWER WHIP

SECURITY DEVICES:

(AC)	ACCESS CONTROL HEAD-END
(ARA)	AREA OF RESCUE ANNUNCIATOR
(AR)	AREA OF RESCUE ASSISTANCE CALL STATION
(C)	CAMERA
(CR)	CARD READER
(CCTV)	CCTV HEAD-END
(MON)	CCTV MONITOR
(DC)	DOOR CONTACT
(ES)	ELECTRIC DOOR STRIKE
(G)	GLASS BREAK DETECTOR - WALL MOUNTED
(G)	GLASS BREAK DETECTOR - CEILING MOUNTED
(K)	KEYPAD
(ML)	MAGNETIC LOCK
(M)	MOTION DETECTOR - WALL MOUNTED
(M)	MOTION DETECTOR - CEILING MOUNTED
(PROX)	PROXIMITY READER ACCESS CONTROL

DATA DEVICES:

	DATA OUTLET (18" A.F.F.) c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS EACH NEW DATA OUTLET SHALL HAVE TWO CABLES AND TWO JACKS UNLESS NOTED OTHERWISE
	DATA OUTLET IN FLOOR
	SURFACE RACEWAY DATA OUTLET 3' ON CENTER
	HDMI OUTLET (18" A.F.F.) UNO c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS W = MOUNT 48" A.F.F.
	HDMI OUTLET IN FLOOR
	TELEPHONE OUTLET (18" A.F.F.) c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS W = MOUNT 48" A.F.F.
	TELEPHONE OUTLET IN FLOOR
	TELEPHONE/DATA OUTLET (18" A.F.F.) c = 6" ABOVE COUNTER BACKSPLASH 2 = NUMBER EQUALS TOTAL NUMBER OF DATA PORTS 1 = NUMBER EQUALS TOTAL NUMBER OF PHONE PORTS
	TELEPHONE/DATA OUTLET IN FLOOR
	TELEVISION OUTLET (88" A.F.F.)
	WIRELESS ACCESS POINT

FIRE ALARM DEVICES:

	COMBINATION HORN STROBE FIRE ALARM - WALL MOUNTED (90" A.F.F. MINIMUM 6" BELOW CEILING) 110 = CANDELA RATING
	HORN FIRE ALARM - WALL MOUNTED (90" A.F.F.) CH = CHIME G = GONG
	BELL ALARM - WALL MOUNTED (1" BELOW CEILING) CH = CHIME G = GONG
	STROBE FIRE ALARM - WALL MOUNTED (90" A.F.F. MINIMUM 6" BELOW CEILING) 110 = CANDELA RATING
	COMBINATION HORN STROBE FIRE ALARM - CEILING MOUNTED 110 = CANDELA RATING
	HORN FIRE ALARM - CEILING MOUNTED 95 = CANDELA RATING
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL (60" A.F.F.)
	FIRE ALARM DIGITAL COMMUNICATOR
	DOOR HOLDER
	MANUAL PULL STATION (48" A.F.F.)
	DUCT DETECTOR
	DUCT DETECTOR SWITCH
	HEAT DETECTOR
	SMOKE DETECTOR
	FIRE SUPPRESSION ALARM
	FIREMANS TELEPHONE OUTLET
	FIRE ALARM FLOW SWITCH
	FIRE ALARM TAMPER SWITCH
	FIRE ALARM MONITOR MODULE
	FIRE ALARM CONTROL MODULE
	POST INDICATING VALVE
	NETWORK / CELL DIGITAL COMMUNICATOR
	CARBON MONOXIDE DETECTOR
	CARBON DIOXIDE DETECTOR
	GENERATOR ANNUNCIATOR

ELECTRICAL EQUIPMENT:

	ELECTRIC METER
	GENERATOR
	PANELBOARD
	DISTRIBUTION PANELBOARD
	TRANSFORMER
	AUTOMATIC TRANSFER SWITCH
	UNINTERRUPTIBLE POWER SOURCE
	MULTIMETER
	SURGE PROTECTOR DEVICE
	UTILITY POLE
	MOTOR WITH DESIGNATION
	MANUAL MOTOR STARTER
	DISCONNECT SWITCH
	COMBINATION STARTER
	MOTOR STARTER
	WEATHER HEAD
	SOLENOID VALVE
	VARIABLE SPEED DRIVE
	ANTENNA - TELEMETRY

ELECTRICAL EQUIPMENT IDENTIFICATION SCHEME:

FIRST CHARACTER - FLOOR OR BUILDING IDENTIFICATION
1 - 1ST FLOOR
2 - 2ND FLOOR
3 - 3RD FLOOR
R - ROOF
RC - RECYCLING CENTER
WB - WASH BAY

SECOND CHARACTER - EQUIPMENT TYPE
SW - SWITCHBOARD
DP - DISTRIBUTION PANELBOARD
P - PANELBOARD

THIRD CHARACTER - VOLTAGE LEVEL
L - 208Y/120V
H - 480Y/277V

FOURTH CHARACTER - SYSTEM
E - EMERGENCY
L - LIGHTING
P - POWER
R - RECEPTACLE
U - UPS

FIFTH CHARACTER - SEQUENTIAL
1 - FIRST OF THIS TYPE
2 - SECOND OF THIS TYPE
3 - THIRD OF THIS TYPE

EXAMPLE: RCP-LP1 - RECYCLING CENTER PANELBOARD, 208Y/120V, POWER PANELBOARD, FIRST OF ITS TYPE

GENERAL NOTES:

- ELECTRICAL INSTALLATION PER 2014 NATIONAL ELECTRICAL CODE.
- ALL ELECTRICAL EQUIPMENT SHALL BE UL/NRTL LISTED.
- DETAILS SHOWN IN THESE DRAWINGS APPLY TO INSTALLATIONS INDICATED REGARDLESS AS TO IF THEY ARE SPECIFICALLY REFERENCED ELSE WHERE IN THE DRAWING SET. ANY QUESTIONS ON THEIR APPLICABILITY SHOULD BE SENT TO THE ENGINEER PRIOR TO BIDDING.
- CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BIDDING AND VERIFY EXISTING CONDITIONS AND REQUIRED WORK TO ACCOMPLISH CONSTRUCTION AS DEPICTED IN DESIGN DRAWINGS.
- ON NEW WORK PLAN, ALL ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN. ALL ITEMS SHOWN BOLD ARE NEW/RELOCATED.
- COORDINATE ELECTRICAL DEVICE INSTALLATIONS WITH FINAL ARCHITECTURAL PLANS AND ELEVATIONS.
- ALL RECEPTACLES, SWITCHES AND JUNCTION BOXES SHALL BE LABELED WITH PANEL NAME AND CIRCUIT NUMBER PER OWNER'S STANDARD.
- PROVIDE FIRE STOPPING AT ALL CONDUIT PENETRATIONS AND CONDUIT SLEEVES THROUGH EXISTING FLOOR SLABS AND FIRE RATED WALLS TO MAINTAIN REQUIRED FIRE RATING. USE UL LISTED METHODS AND MATERIALS.
- NOT ALL BRANCH CIRCUIT CONDUIT AND WIRE IS SHOWN. ONLY PANEL NAMES AND CIRCUIT NUMBERS ARE SHOWN ADJACENT TO DEVICES. THE REMAINING BRANCH CIRCUIT CONDUIT AND WIRES SHALL BE INSTALLED ACCORDING TO SPECIFICATIONS.
- ALL RECEPTACLES WITHIN 6 FT OF SINKS SHALL BE GFI TYPE.
- ALL DEVICES IN EXISTING WALLS SHALL HAVE WALLS FISHED FOR INSTALLATION OF DEVICE WHERE POSSIBLE. ALL DEVICES ON EXISTING CONCRETE OR BLOCK WALL SHALL BE SURFACE MOUNTED.
- ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE.

DEMOLITION NOTES:

- REMOVE ITEMS INDICATED, INCLUDING LIGHT FIXTURES, SWITCHES, RECEPTACLES, EXPOSED CONDUIT, SURFACE AND FLUSH DEVICE BOXES, DEVICE PLATES, ETC. REMOVE ALL WIRING FROM EXISTING CONDUITS, CUT BACK CONDUIT FROM FINISHED SURFACE AND ABANDON ALL CONCEALED CONDUITS. REMOVE CONDUITS ABOVE GRID TYPE CEILINGS.
- MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVING UNDISTURBED AREAS. WHEREVER DEVICES OR LIGHT FIXTURES ARE INDICATED TO BE REMOVED, THE CONTRACTOR SHALL MAKE PROVISIONS TO INSURE CONTINUITY OF CIRCUITS REMAINING IN USE. THIS SHALL INCLUDE INSTALLING JUNCTION BOXES, EXTENDING CONDUIT AND WIRE OR OTHER METHODS TO INSURE THIS CONTINUITY.
- ALL EXISTING CONDUIT, OUTLETS AND WIRE EXPOSED DURING ALTERATIONS, THAT IS NOT SERVING EQUIPMENT TO REMAIN, SHALL BE REMOVED.
- ALL DEMOLISHED ITEMS NOT RETAINED BY OWNER SHALL BE DISPOSED OF IN A LAW ABIDING MANNER.
- EXISTING CIRCUITS REMOVED DURING DEMOLITION MUST BE MARKED SPARE, OR IDENTIFIED WITH NEW DESCRIPTION ON CIRCUIT DIRECTORY IF REUSED. EXISTING ACTIVE CIRCUITS MUST BE VERIFIED AND ACCURATELY LABELED ON DIRECTORY. NEW TYPED CIRCUIT DIRECTORY MUST BE PROVIDED AT PROJECT COMPLETION DOCUMENTING ACCURATE NEW CIRCUIT CONDITIONS WHICH REFLECT DEMOLITION AND NEW WORK.
- COORDINATE ELECTRICAL DEMOLITION WITH WORK OF OTHER DISCIPLINES.
- SEE ARCHITECTURAL DRAWINGS FOR FURTHER DETAIL ON DEMOLITION SCOPE.
- ON DEMOLITION PLAN, ALL ITEMS SHOWN BOLDDASHED SHALL BE REMOVED.

FIRE ALARM AND ERRS/DAS SCOPE OF WORK:

- PROVIDE ELECTRICAL BOXES AND CONDUIT TO ACCOMMODATE THE FIRE ALARM AND ERRS/DAS SYSTEMS THAT SHALL BE FULLY PROVIDED (DESIGN, FURNISH, INSTALL, TEST, AND DOCUMENT) BY OWNER'S VENDOR (TECH ELECTRONICS).
- THESE DOCUMENTS INDICATE LOCATION AND TYPES OF FIRE ALARM AND ERRS/DAS COMPONENTS PER CURRENT VENDOR DESIGN. ELECTRICAL BOXES SHALL BE PROVIDED AT EACH FIRE ALARM AND ERRS/DAS COMPONENT AS REQUIRED IN THE FINAL DESIGN FOR INSTALLATION OF DEVICES BY OWNER'S VENDOR.
- 1 INCH EMT CONDUIT SHALL BE PROVIDED IN LOCATIONS WHERE FIRE ALARM AND ERRS/DAS CABLE IS EXPOSED TO DAMAGE, IN SUCH LOCATIONS AS EXPOSED ON WALLS OR PARTITIONS LOWER THAN 12 FEET ABOVE FINISHED FLOOR OR WHERE AREA ACTIVITIES PRESENT A HAZARD. PROVIDE PULL STRING IN ALL EMPTY CONDUITS FOR INSTALLATION OF CABLE BY OWNER'S VENDOR.

SECURITY (ACCESS CONTROL AND VIDEO SURVEILLANCE) SCOPE OF WORK:

- PROVIDE ELECTRICAL BOXES AND CONDUIT TO ACCOMMODATE THE ACCESS CONTROL AND VIDEO SURVEILLANCE SYSTEMS THAT SHALL BE PROVIDED (DESIGN, FURNISH, INSTALL, TEST, AND DOCUMENT) BY OWNER'S VENDOR (MURPHY).
- THESE DOCUMENTS INDICATE LOCATION AND TYPES OF ACCESS CONTROL AND VIDEO SURVEILLANCE COMPONENTS PER CURRENT VENDOR DESIGN. ELECTRICAL BOXES SHALL BE PROVIDED AT EACH COMPONENT AS REQUIRED IN THE FINAL DESIGN FOR INSTALLATION OF DEVICES BY OWNER'S VENDOR.
- 1 INCH EMT CONDUIT SHALL BE PROVIDED IN LOCATIONS WHERE ACCESS CONTROL OR VIDEO SURVEILLANCE CABLE IS EXPOSED TO DAMAGE, IN SUCH LOCATIONS AS EXPOSED ON WALLS OR PARTITIONS LOWER THAN 12 FEET ABOVE FINISHED FLOOR OR WHERE AREA ACTIVITIES PRESENT A HAZARD.
- VIDEO SURVEILLANCE CAMERAS SHALL BE PROVIDED WITH CATEGORY 6 COMMUNICATION CABLES FROM EACH CAMERA LOCATION TO THE IDENTIFIED COMMUNICATION CLOSET CONTAINING VSS NETWORKED EQUIPMENT. CATEGORY 6 CABLES SHALL BE INSTALLED, TESTED, TERMINATED, IDENTIFIED AND DOCUMENTED FOR CONNECTION BY OWNER'S VENDOR.
- TWO STRANDS OF SINGLE MODE, FIBER OPTIC CABLE SHALL BE ROUTED BETWEEN THE MAIN SECURITY PANELS IN THE TWO IT ROOMS. FIBER OPTIC CABLE SHALL BE PROVIDED IN ARMORED JACKET AND TERMINATED IN LC CONNECTORS AT EACH END. CABLES SHALL BE TESTED, IDENTIFIED AND DOCUMENTED FOR USE BY THE OWNER'S VENDOR.
- ACCESS CONTROL SYSTEM LOCATIONS SHALL BE PROVIDED WITH COMPOSITE CABLES (WINDY CITY NJ446100 (18/4-223-222-224)) SHALL BE ROUTED BETWEEN EACH ACCESS CONTROL LOCATION AND THE DESIGNATED TELECOMMUNICATION CLOSET CONTAINING ACS NETWORKED EQUIPMENT AS DESIGNATED BY THE OWNER'S VENDOR. CABLES SHALL BE INSTALLED, IDENTIFIED AND DOCUMENTED FOR CONNECTION BY OWNER'S VENDOR. TEN FEET OF CABLE SHALL BE SPOOLED AT EACH END FOR TERMINATION AND TESTING BY OWNER'S VENDOR.

LIGHTING NOTES:

- SWITCHES IN EACH ROOM SHALL CONTROL LIGHTS IN THAT ROOM UNLESS OTHERWISE NOTED.
- ALL FIXTURES ON INVERTER BACKUP SHALL BE WIRED FOR SWITCHED OPERATION UNLESS NOTED OTHERWISE.

SYSTEM NOTES:

- CONTRACTOR SCOPE IS ROUGH-IN ONLY FOR ALL FIRE ALARM, VIDEO SURVEILLANCE, AND ACCESS CONTROL IN THE PROJECT SCOPE.
- COORDINATE LOW VOLTAGE DEVICE LOCATIONS WITH FINAL ARCHITECTURAL PLANS AND ELEVATIONS.
- FOR TELECOMMUNICATION (TELEPHONE/DATAMAP) OUTLETS, ROUGH-IN 4 1/16" SQUARE BOX, 2 1/2" DEEP WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH 90 DEGREE SWEEP AND BUSHING STUBBED TO WITHIN 6" OF J-HOOK PATHWAY.
- ALL OUTDOOR CABLING SHALL BE GENERAL CABLE "OUTDOOR RATED".
- DOOR OPERATOR PUSH PLATES SHOWN ARE PROVIDED BY DOOR SUPPLIER AND INSTALLED BY THIS SCOPE OF WORK.

ELECTRICAL SYSTEM COMPONENTS EARTHQUAKE LOAD RESISTANCE

OCCUPANCY CATEGORY (IV)				SEISMIC DESIGN CATEGORY (D)				
LISTING OF EQUIPMENT & SYSTEM COMPONENTS		ANCHORAGE TO FLOORS, ROOF, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY-SEALED ANCHORAGE AND SWAY BRACING DETAILS		COMMENTS
						ON CONSTRUCTION DOCUMENTS	SUBSEQUENT SUBMITTAL SEPARATE PERMIT AND PLANS	
		NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	DRAWING NO. OR SPEC. SECTION		

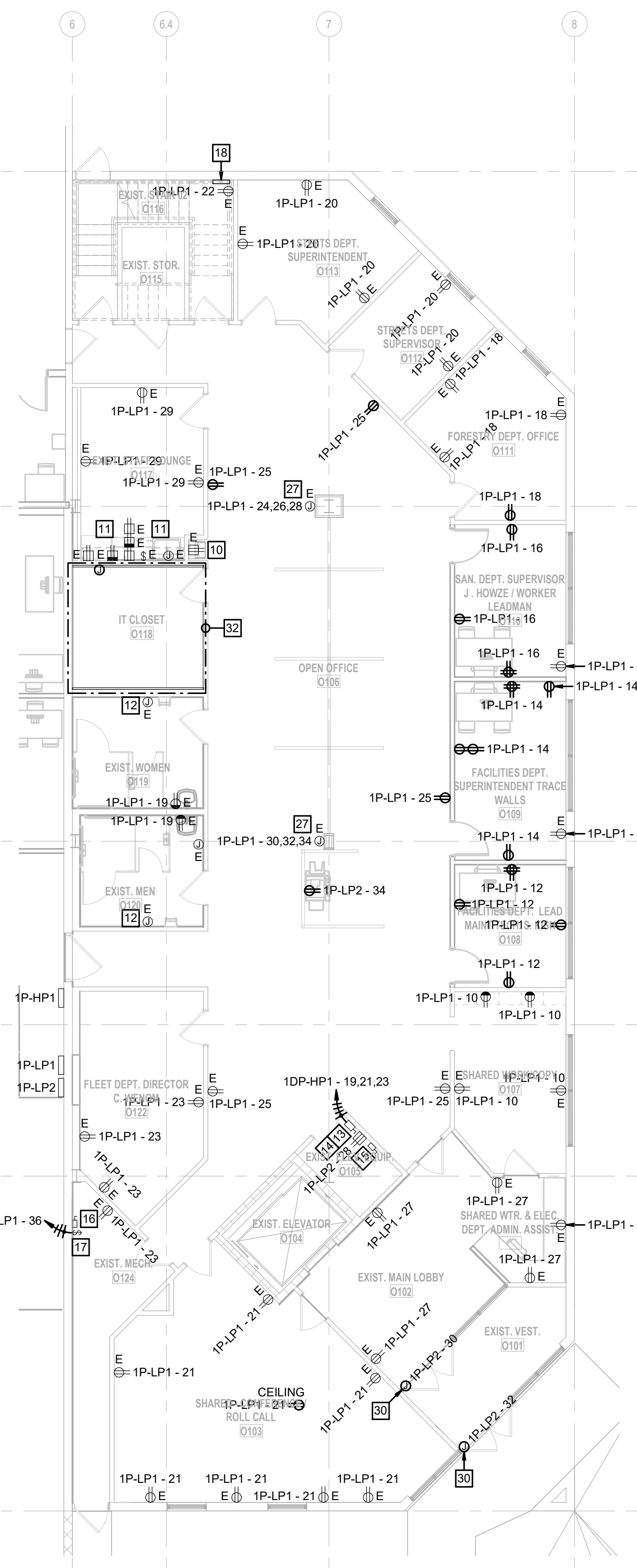
GENERAL NOTES (THIS SHEET ONLY):

- EXISTING RECEPTACLES SHALL REMAIN FOR RE-USE UNLESS NOTED OTHERWISE. ALL EXISTING RECEPTACLES AND SWITCHES SHALL BE PROVIDED WITH NEW IDENTIFICATION OF SOURCE OF POWER INCLUDING PANELBOARD AND BRANCH CIRCUIT NUMBER.
- ALL WORK ASSOCIATED WITH THE THIRD FLOOR DISPATCH OFFICE SHALL BE INCLUDED IN THE ALTERNATE #1A - POLICE DISPATCH PRICING.
- DOCUMENT THE POWER SOURCE AND CIRCUIT NUMBER FOR EACH EXISTING TO REMAIN RECEPTACLE, DISCONNECT AND POWERED EQUIPMENT ON THE RECORD DRAWINGS FOR THIS PROJECT.

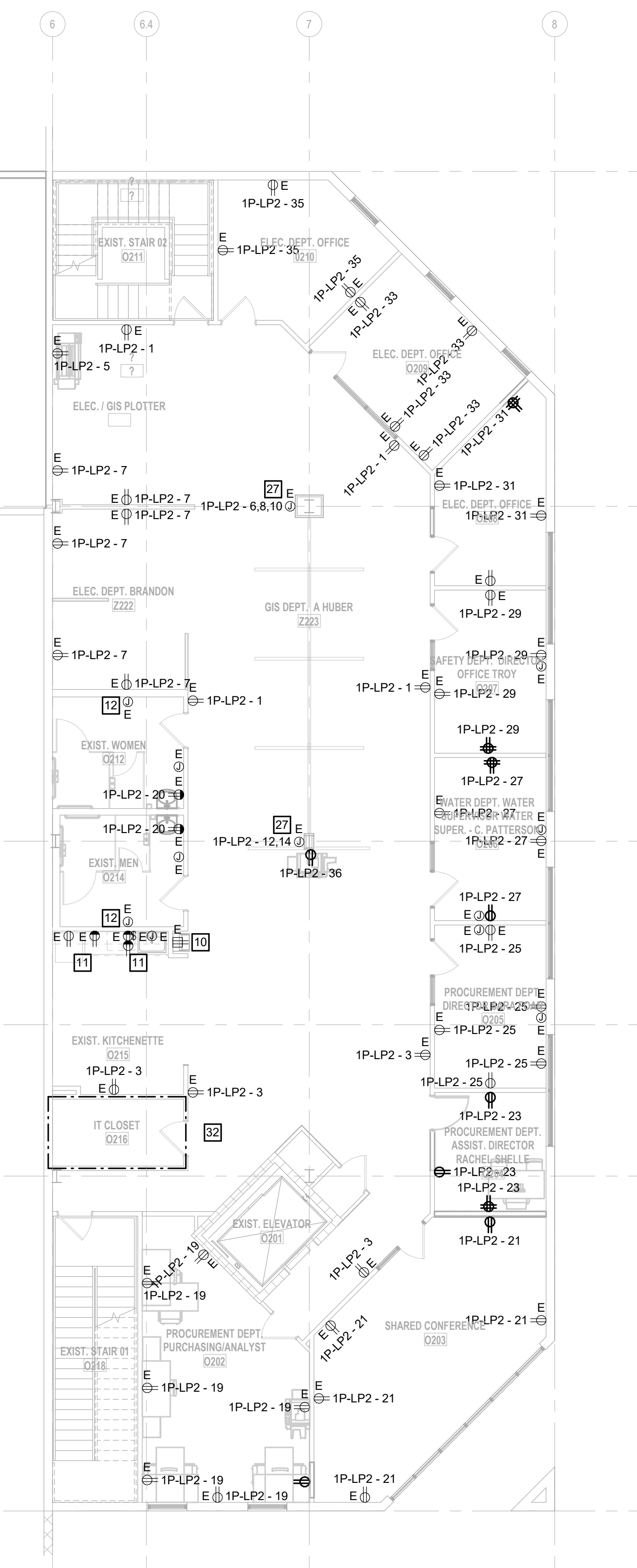
E205 SHEET KEYED NOTES

- BUILDING MANAGEMENT SYSTEM CONTROL PANEL BY MECHANICAL CONTRACTOR. PROVIDE WITH TRIPP LITE SMART1000RMTU 1-HOUR UPS.
- OUTSIDE LIGHTING CONTROL PANEL.
- FIRE ALARM CONTROL PANEL AND NETWORK / CELL DIGITAL COMMUNICATOR. PROVIDE A NEW DEDICATED CIRCUIT.
- PROVIDE AND INSTALL NEW SECURITY CONTROL PANEL. EXISTING HYDRAULIC CONTROLLER.
- EXISTING PLUGMOLD. EXISTING CIRCUIT TO REMAIN.
- 24"x4"x1/2" COPPER GROUND BAR. PROVIDE #80 BARE CABLE TO SERVICE ENTRANCE GROUND BAR. BOND TO CABINETS, CABLE TRAY AND EQUIPMENT RACKS.
- PROVIDE SECONDARY BONDING BAR IN DISPATCH IT ROOM. PROVIDE INTERNAL PERIMETER BONDING BUS AROUND PERIMETER. PROVIDE ALL GROUNDING AND BONDING FOR DISPATCH ROOM AND ROOFTOP ANTENNA. REFER TO SPECIFICATION SECTION 280506 FOR ADDITIONAL REQUIREMENTS. MOTOROLA R56 GROUNDING REQUIREMENTS SHALL BE COMPLIED WITH.
- NEMA L6-30R OUTLET MOUNTED ABOVE RACK FOR UPS CONNECTION.
- EXISTING ELECTRIC WATER COOLER. EXISTING CIRCUIT TO REMAIN.
- ALL POWER ON THIS WALL HAS EXISTING CIRCUIT TO REMAIN.
- EXISTING HAND DRYER. EXISTING CIRCUIT TO REMAIN.
- PROVIDE NEW ELEVATOR POWER FEEDER TO 1DP-HP1 IN ELECTRICAL SERVICE CENTER.
- PROVIDE NEW ELEVATOR SHUNT TRIP POWER CIRCUIT FROM 1P-HP1 - 42.
- EXISTING ELEVATOR CAB LIGHTS. EXISTING CIRCUIT TO REMAIN.
- EXISTING WATER HEATER. EXISTING CIRCUIT TO REMAIN.
- EXISTING CIRCULATOR PUMP. RECIRCUIT AS SHOWN.
- EXISTING IRRIGATION CONTROL PANEL.
- PROVIDE 208V/120V, 100A PANELBOARD AS PART OF ALTERNATE #1A - POLICE DISPATCH.
- PROVIDE 300A, 208V PRIMARY, 120/208V SECONDARY, 3Ø, 4-WIRE UPS AS PART OF ALTERNATE #1A - POLICE DISPATCH.
- SWITCHED POWER FOR GARBAGE DISPOSER.
- RELOCATED TVSS PANEL LOCATED UNDER PANEL 3P-LU2.
- RELOCATED 208V/120V, 100A UPS PANELBOARD.
- RELOCATED DISCONNECT SWITCH.
- RELOCATED APC MAINTENANCE BYPASS PANEL.
- POWER FEEDER TO SERVE DISPATCH RELOCATED UPS SYSTEM AS PART OF DISPATCH ALTERNATE.
- EXISTING POWER POINT FOR MODULAR FURNITURE. PROVIDE 2" CONDUIT WITH PULL CORD FROM RADIO/IT ROOM TO ROOF FOR OWNER VENDOR PROVIDED CONNECTIONS TO ROOFTOP ANTENNA. COORDINATE LOCATION OF ANTENNA LOCATION GROUND BAR WITH OWNER'S VENDOR.
- ROUTE #500 CU FROM ELECTRICAL SERVICE GROUND TO PRIMARY BONDING BAR IN RADIO/IT 0313. ROUTE #40 CU FROM PRIMARY BONDING BAR TO DISPATCH AREA SBB. ROUTE #10 CU FROM DISPATCH AREA SBB TO EACH OPERATOR POSITION SBB. ROUTE #10 CU FROM DISPATCH AREA ABB TO EACH OPERATOR POSITION SBB.
- POWER FOR DOOR HARDWARE.
- POWER FOR DOOR CHIME SYSTEM.
- SEE LARGE SCALE PLAN THIS SHEET FOR MORE INFORMATION.
- PROVIDE POWER POLE FOR PROVIDING POWER TO DISPATCH STATIONS. PROVIDE POWER FOR 3 SEPARATE CIRCUITS.

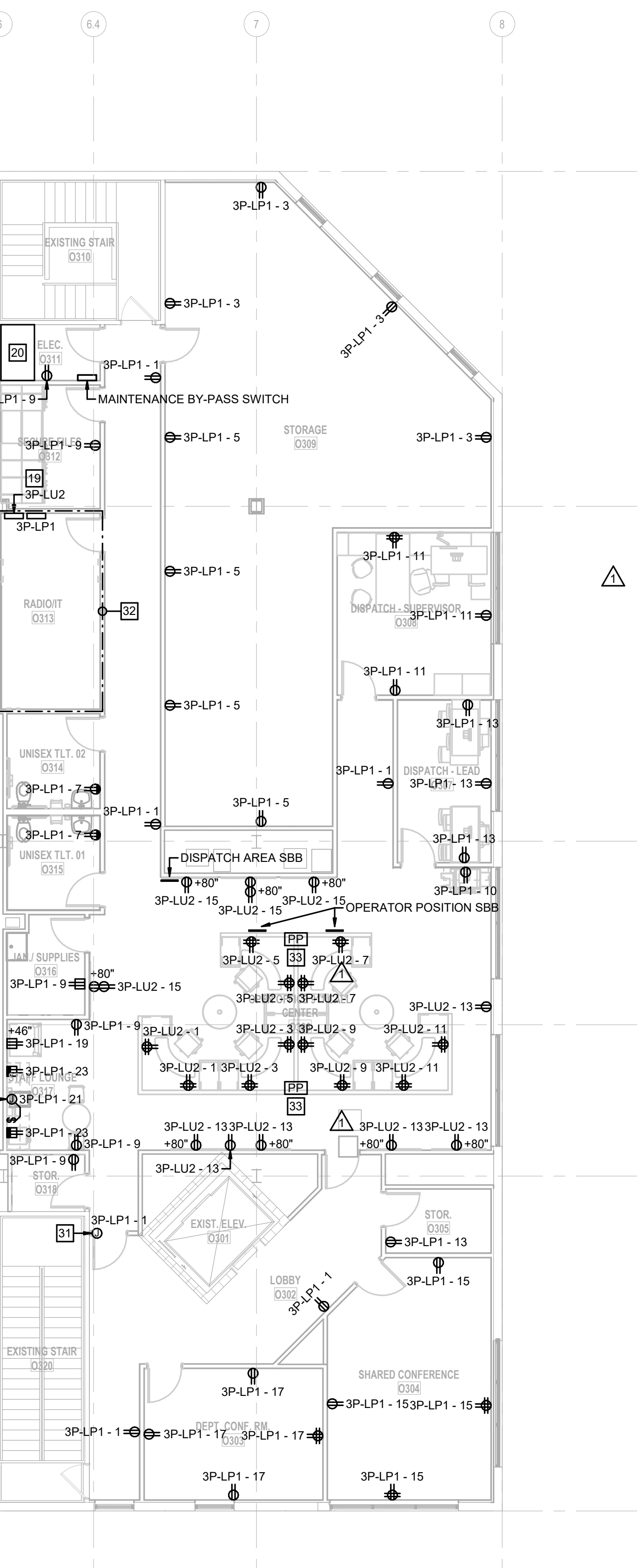
4 LARGE SCALE POWER PLAN - IT CLOSET 0118
1/4" = 1'-0"



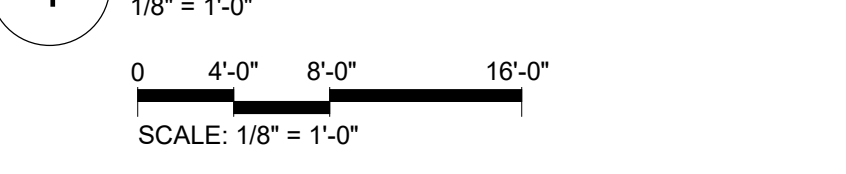
5 LARGE SCALE POWER PLAN - IT CLOSET 0216
1/4" = 1'-0"



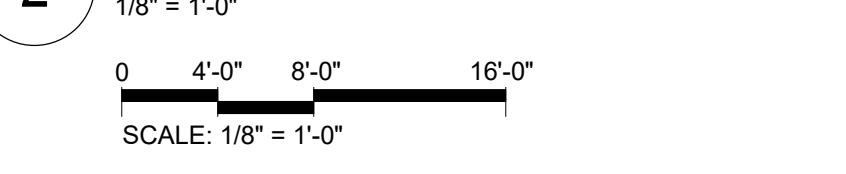
6 LARGE SCALE POWER PLAN - RADIO/IT 0313
1/4" = 1'-0"



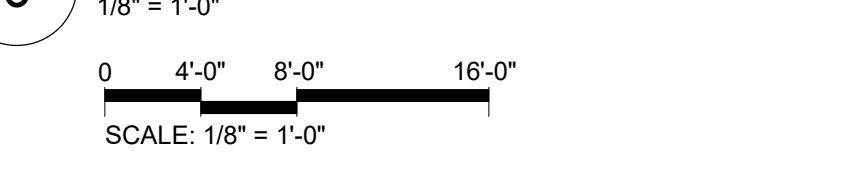
1 POWER PLAN - OFFICE L01
1/8" = 1'-0"



2 POWER PLAN - OFFICE L02
1/8" = 1'-0"



3 POWER PLAN - OFFICE L03
1/8" = 1'-0"



No.	Date	Revision
1	04/17/2026	ADDENDA #1
2	04/17/2026	ADDENDUM #4

Name: Mary J Grib
Discipline: Professional Engineer
License No: PE-026961
Expiration Date: 12/31/2027

THE PROFESSIONAL'S WHOLE SIGNATURE AND SEAL APPEAR ON THIS SHEET ONLY. ALL OTHERS ARE NOT PART OF THE PROJECT. CONTRACTOR'S SIGNATURES AND SEAL APPEAR ON THIS SHEET ONLY. ALL OTHERS ARE NOT PART OF THE PROJECT. CONTRACTOR'S SIGNATURES AND SEAL APPEAR ON THIS SHEET ONLY. ALL OTHERS ARE NOT PART OF THE PROJECT.

Panelboard: 1SW-HP1				Mounting: SURFACE				Location: ELEC. SERVICE CENTER...				AIC Rating: 50 kA			
Volts: 480/277 Wye				Phases: 3				Amps: 1200 A				Feed From: KPW XFMR			
				Wires: 4				Mains: 1200 A LSI MCB SE RATED				via 1200A ATS...			
Circuit Description		Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description				
1DLP-LP1 via 300 kVA XFMR 1-T-T (LSIG)		500 A	3	1	133599	2029		2	3	30 A	1P-HE1 via CENTRAL LIGHTING INVERTER				
--		--	--	3			134766	2346	4	--	--				
--		--	--	5					6	--	--				
Panel RP-HP1		250 A	3	7	42022	33134		108730	2234	8	Panel 1P-HP1				
--		--	--	9			42022	39569	10	250 A	--				
--		--	--	11					12	--	--				
Panel 2P-HP1		250 A	3	13	20539	7308		42022	33463	14	Panel WBP-LP1 via 75 kVA XFMR WB-T-1				
--		--	--	15			18112	6278	16	--	--				
--		--	--	17					18	--	--				
ELEVATOR SHUNT TRIP CIRCUIT BREAKER		100 A	3	19	20000	0		18112	3863	20	SPD				
--		--	--	21			20000	0	22	30 A	--				
--		--	--	23					24	--	--				
SPACE		--	3	25	--	--			26	3	SPACE				
--		--	--	27	--	--			28	--	--				
--		--	--	29	--	--			30	--	--				
SPACE		--	3	31	--	--		--	32	3	SPACE				
--		--	--	33	--	--			34	--	--				
--		--	--	35	--	--			36	--	--				
Phase Load:		258.58 kW				263.09 kW				228.42 kW					
Phase Amps:		950.27 A				966.58 A				824.63 A					
Total Load:		750.09 kW													
Total Amps:		902.22 A													

Panelboard: 1P-HE1				Mounting: SURFACE				Location: ELEC. SERVICE CENTER...				AIC Rating: 10 kA			
Volts: 480/277 Wye				Phases: 3				Amps: 30 A				Feed From: 1SW-HP1			
				Wires: 4				Mains: MLO							
Circuit Description		Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description				
LIGHTING - STORM SHELTER		20 A	1	1	392	500			2	1	30 A	LIGHTING INVERTER (ALTERNATE #6)			
LIGHTING - WAREHOUSE NORTH		20 A	1	3			1022	0		4	1	20 A	SPARE		
LIGHTING - WAREHOUSE SOUTH		20 A	1	5				1252	0	6	1	20 A	SPARE		
LIGHTING - WAREHOUSE OFFICE		20 A	1	7	1164	0				8	1	20 A	SPARE		
LIGHTING - 2ND AND 3RD FLOOR OFFICE		20 A	1	9			1327	0		10	1	20 A	SPARE		
LIGHTING - 1ST FLOOR OFFICE AND STAIRS		20 A	1	11				982	0	12	1	20 A	SPARE		
SPARE		20 A	1	13	0	0				14	1	20 A	SPARE		
SPARE		20 A	1	15		0	0			16	1	20 A	SPARE		
SPARE		20 A	1	17				0	0	18	1	20 A	SPARE		
SPARE		20 A	1	19	0	0				20	1	20 A	SPARE		
SPARE		20 A	1	21			0	0		22	1	20 A	SPARE		
SPARE		20 A	1	23					0	24	1	20 A	SPARE		
SPARE		20 A	1	25	0	0				26	1	20 A	SPARE		
SPARE		20 A	1	27			0	0		28	1	20 A	SPARE		
SPARE		20 A	1	29				0	0	30	1	20 A	SPARE		
Phase Load:		2.03 kW		2.35 kW		2.23 kW									
Phase Amps:		7.32 A		8.59 A		8.18 A									
Total Load:		6.59 kW		7.92 A											
Total Amps:		7.92 A													

EX Panel: 1P-HP1									
Mounting: SURFACE					Location: Space 90				
Phases: 3					AIC Rating: Ex 14 kA				
Volts: 480/277 Wye					Feed From: 1SW-HP1				
EXISTING					Mains: 200 A MCB				
Circuit Description	Amps	Poles	CKT	A	B	C	CKT	Poles	Amps
LIGHTING - 1ST FLOOR OFFICE *	20 A	1	1	2162	500		2	1	20 A
LIGHTING - 2ND FLOOR OFFICE *	20 A	1	3			2402	7000	4	35 A
LIGHTING - 3RD FLOOR OFFICE *	20 A	1	5			1753	4000	6	20 A
LIGHTING - WAREHOUSE NORTH *	20 A	1	7	1504	1500			8	20 A
LIGHTING - WAREHOUSE NORTH *	20 A	1	9			1248	4000	10	20 A
LIGHTING - WAREHOUSE SOUTH *	20 A	1	11			1749	1500	12	20 A
LIGHTING - WAREHOUSE SOUTH *	20 A	1	13	1556	1500			14	20 A
LIGHTING - EXTERIOR EGRESS *	20 A	1	15			68	0	16	20 A
SPARE *	20 A	1	17			0	0	18	20 A
SPARE *	20 A	1	19	0	9827			20	3
SPARE *	20 A	1	21			0	9827	24	--
SPARE *	20 A	1	23			0	9827	24	--
SPARE *	20 A	1	25	0	9348			26	3
SPARE *	20 A	1	27			0	9348	28	--
SPARE *	20 A	1	29			0	9348	30	--
SPARE *	20 A	1	31	0	1248			32	3
SPARE *	20 A	1	33			0	1248	34	--
SPARE *	20 A	1	35			0	1248	36	--
EX EWH 01 *	20 A	1	37	3989	0			38	1
EX EWH 02 *	20 A	1	39			3989	494	40	1
EX EWH 03 *	20 A	1	41			3989	50	42	1
ETR : Existing Circuit and Breaker To Remain									
* : New Circuit and Existing Breaker To Remain									
* : New Circuit and New Breaker Required									
* : New Circuit and Replace Existing Breaker									

EX Panel: 1P-LP1									
Mounting: SURFACE					Location: Space 90				
Phases: 3					AIC Rating: Ex 10 kA				
Volts: 208Y/120V					Feed From: 1DP-LP1				
EXISTING					Mains: 200 A				
Circuit Description	Amps	Poles	CKT	A	B	C	CKT	Poles	Amps
GARBAGE DISPOSER & DISHWASHER (ETR)	20 A	1	1	1920	2496		2	2	30 A
COUNTERTOP RECEPTACLES (ETR)	20 A	1	3			1800	2496	4	--
REFRIGERATOR (ETR)	20 A	1	5			1000	2496	6	2
PLUGMOLD COMPUTER ROOM (ETR)	20 A	1	7	900	2496			8	--
FIRE ALARM CONTROL PANEL	20 A	1	9			500	720	10	1
HYDRAULIC PANEL (ETR)	20 A	1	11			0	900	12	20 A
MICROWAVE & WATER COOLER (ETR)	20 A	1	13	1570	1260			14	1
1ST FLOOR MENS HAND DRYER (ETR)	20 A	1	15			1500	900	16	1
1ST FLOOR WOMENS HAND DRYER (ETR)	20 A	1	17			1500	720	18	1
RECEPTACLES - RESTROOMS *	20 A	1	19	360	900			20	20 A
RECEPTACLES - ROOM 0103 *	20 A	1	21			1440	180	22	1
RECEPTACLES - ROOMS 0122, 0124 *	20 A	1	23			720	900	24	20 A
RECEPTACLES - CORRIDORS *	20 A	1	25	900	900			26	1
RECEPTACLES - LOBBY *	20 A	1	27			900	900	28	1
RECEPTACLES - ROOM 0117 *	20 A	1	29			540	900	30	1
PAC-02, PAC-03 & PAC-08 CONDENSATE...	20 A	1	31	150	900			32	1
RECEPTACLES - VALVE-0134	20 A	1	33			540	900	34	1
ERRS/DAS	20 A	1	35			4992	50	36	1
SPARE	20 A	1	37	0	2066			38	2
SPARE	20 A	1	39			0	2066	40	--
BMS CONTROL PANEL	20 A	1	41			50	500	42	1
ETR : Existing Circuit and Breaker To Remain									
* : New Circuit and Existing Breaker To Remain									
* : New Circuit and New Breaker Required									
* : New Circuit and Replace Existing Breaker									

EX Panel: 1P-LP3									
Mounting: SURFACE					Location: ELECTRICAL DEPT....				
Phases: 3					AIC Rating: Ex 10 kA				
Volts: 208Y/120V					Feed From: 1DP-LP1				
EXISTING					Mains: 60 A MCB				
Circuit Description	Amps	Poles	CKT	A	B	C	CKT	Poles	Amps
WALL PACKS (ETR)	20 A	1	1	500	0			2	3
GARAGE DOOR (ETR)	20 A	1	3			500	0	4	--
EMI CONVENIENCE OUTLET (ETR)	20 A	1	5			0	0	6	--
EMI CONVENIENCE OUTLET (ETR)	20 A	1	7	0	500			8	1
GARAGE DOOR (ETR)	20 A	1	9			500	853	10	20 A
EMI CONVENIENCE OUTLET (ETR)	20 A	1	11			0	1080	12	20 A
PUMP HOUSE HEATER - EWH 04 (ETR)	30 A	2	13	1994	360			14	1
--	--	--	15			1994	0	16	1
RECEPTACLES - ELEC DEPT TOUCH DOWN *	20 A	1	17			1080	50	18	1
ETR : Existing Circuit and Breaker To Remain									
* : New Circuit and Existing Breaker To Remain									
* : New Circuit and New Breaker Required									
* : New Circuit and Replace Existing Breaker									

Panelboard: 1DP-LP1				Mounting: SURFACE				Location: ELEC. SERVICE CENTER...				AIC Rating: 25 kA			
Volts: 208Y/120V				Phases: 3				Amps: 1000 A				Feed From: 1-T-1 XFMR			
Wires: 4				Mains: 1000 A LSI MCB											
Circuit Description	Amps	Poles	CKT	A	B	C	CKT	Poles	Amps	Circuit Description	Amps	Poles	CKT		
Panel 1P-LP1	200 A	3	1	16818	13763		2	3	200 A	Panel 1P-LP2	200 A	3	1		
--	--	--	3		14842	12870		4	--	--	--	--	3		
--	--	--	5			15268	13360	6	--	--	--	--	3		
Panel 1P-LP3	60 A	3	7	3312	37201		8	3	400 A	Panel 1P-LP4	400 A	3	7		
--	--	--	9		3780	41803		10	--	--	--	--	9		
--	--	--	11			2210	40254	12	--	--	--	--	11		
Panel 1P-LP5 via 50 kVA XFMR 1-T-2	250 A	2	13	16140	28818		14	3	400 A	Panel 2P-LP1	400 A	2	13		
--	--	--	15		16140	28656		16	--	--	--	--	15		
SPACE	--	--	17			--	25210	18	--	--	--	--	17		
Panel 3P-LP1 (ALTERNATE #1A)	200 A	3	19	5052	7512		20	3	100 A	Panel 3P-LU1 via UPS (ALTERNATE #1A)	100 A	3	19		
--	--	--	21		6586	7512		22	--	--	--	--	21		
--	--	--	23			3500	6432	24	--	--	--	--	23		
Panel 3P-LU2 via UPS (ALTERNATE #1A)	100 A	3	25	4992	--		26	3	--	SPACE	--	--	--		
--	--	--	27		2496	--	28	--	--	--	--	--	27		
--	--	--	29			2496	--	30	--	--	--	--	29		
SPACE	--	--	31	--	0		32	3	30 A	SPD	30 A	3	31		
--	--	--	33		--	0		34	--	--	--	--	33		
--	--	--	35			--	0	36	--	--	--	--	35		
Phase Load:				133.60 kW	134.77 kW	108.73 kW									
Phase Amps:				1145.21 A	1164.93 A	906.08 A									
Total Load:				377.98 kW	1046.71 A										
Total Amps:															