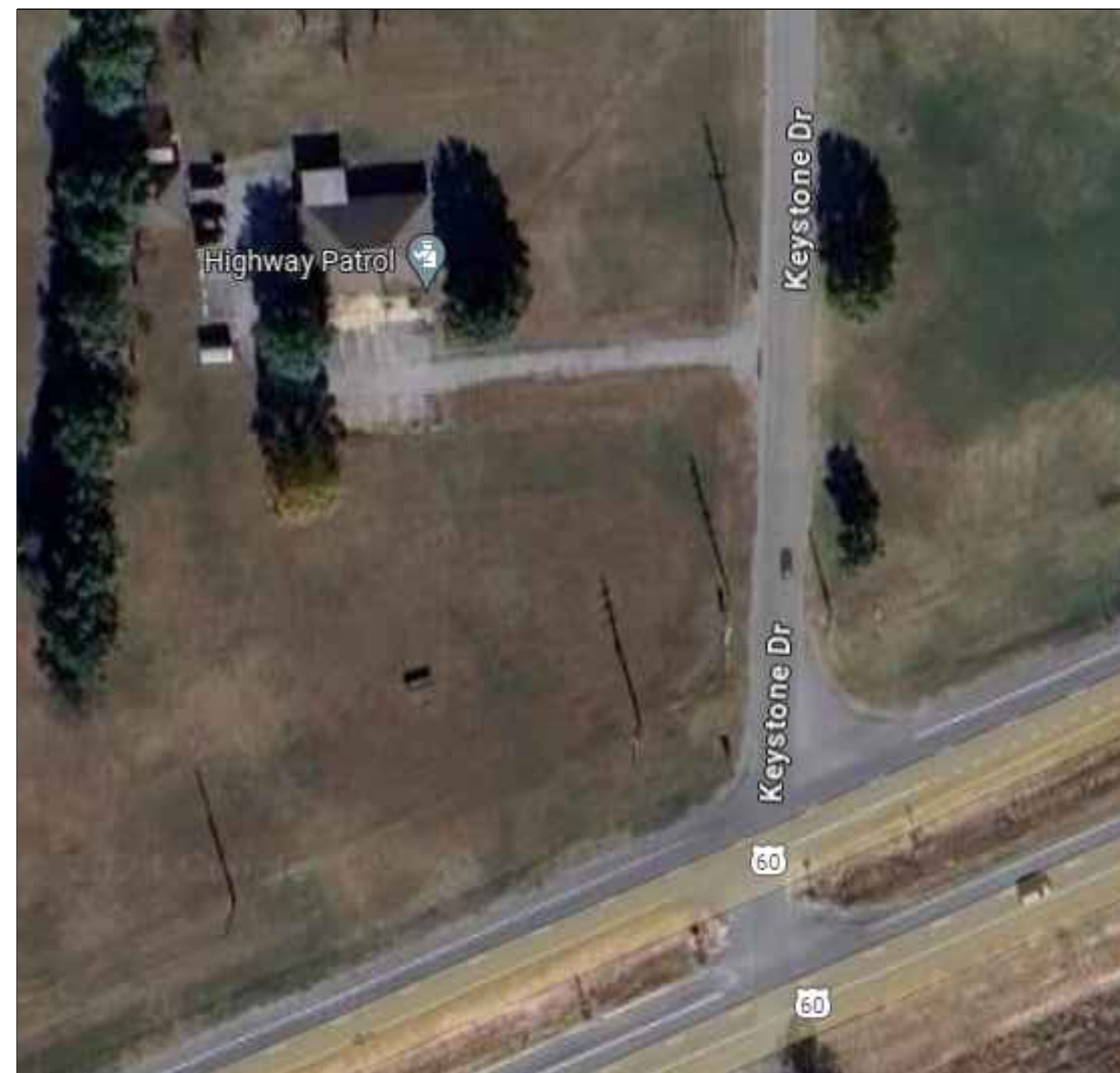


REPLACE WINDOWS, SIDING, FLOORING, & INTERIOR LIGHTS TROOP E SERVICE CENTER SIKESTON , MISSOURI

OWNER: STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

DEPARTMENT OF
PUBLIC SAFETY
STATE HIGHWAY PATROL

PROJECT
MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN & CONSTRUCTION



1 SERVICE CENTER SITE PLAN
N.T.S.

DESIGNER: STATE OF MISSOURI - OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT DESIGN &
CONSTRUCTION: 301 W. HIGH STREET, JEFFERSON
CITY, MO. 65102

PROJECT NUMBER: R2321-01

ASSET NUMBER: 8136014001

SITE NUMBER: 6014

SHEET NUMBER:

G-001

1 OF 16 SHEETS
2/7/2025



Brad M. Schaefer - Architect
MO# A-2009027294

BID
DOCUMENTS

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN & CONSTRUCTION

DEPARTMENT OF
PUBLIC SAFETY
STATE HIGHWAY PATROL

REPLACE WINDOWS,
SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: _____

CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
SHEET INDEX &
KEYPLAN

SHEET NUMBER:

G-002

2 OF 16 SHEETS
2/7/2025

SYMBOL LEGEND:	
	EXISTING LANDSCAPING TO REMAIN
	EXISTING CONCRETE COLUMN BASE
	EXISTING LIGHT POLE
	NEW LIGHT POLE
	ESTIMATED TRENCH LINE
	PHASING BOUNDARY

PHASING ROOM LIST	
PHASE 1:	PHASE 2:
100	102 (PARTIAL)
101	108
102 (PARTIAL)	109
102A	110
103	111
103A	112
104	113
105	114
106	115
107	116

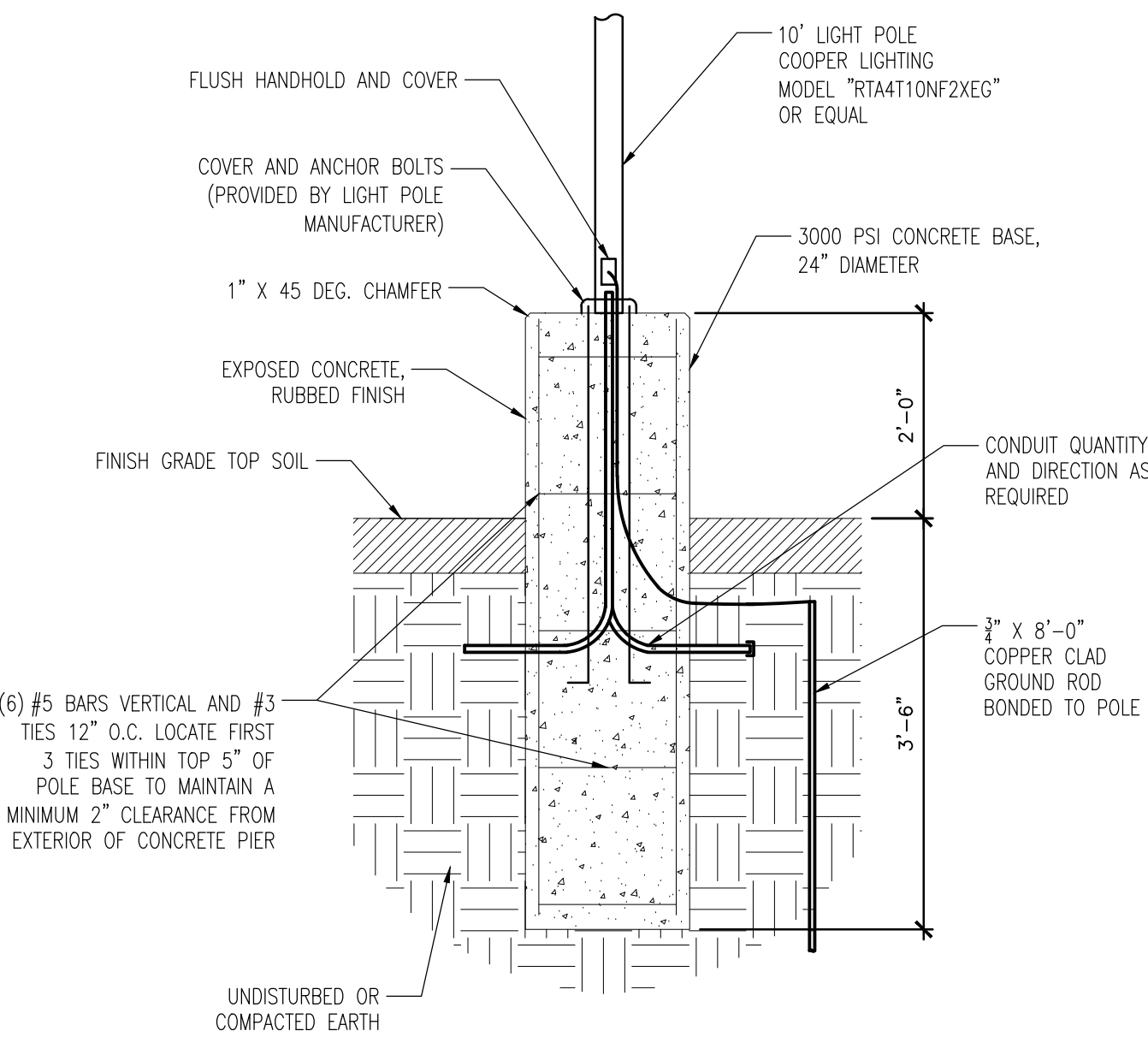
PHASING NOTES:

1. MAINTENANCE BUILDING AND EXTERIOR ELECTRICAL WORK TO BE INCLUDED IN PHASE 2.
2. SEE DRAWINGS AND PROJECT SPECIFICATION FOR SCOPE OF WORK FOR EACH PHASE.

SHEET INDEX:
G-001 - COVER SHEET
G-002 - SHEET INDEX & KEYPLAN
A-101 - SERVICE CENTER FLOOR PLAN - DEMOLITION
A-102 - SERVICE CENTER FLOOR PLAN - RENOVATION
A-103 - SERVICE CENTER REFLECTED CEILING PLAN
A-201 - SERVICE CENTER EXTERIOR ELEVATIONS - DEMOLITION
A-202 - SERVICE CENTER EXTERIOR ELEVATIONS - RENOVATION
A-203 - MAINTENANCE BLDG. EXTERIOR ELEVATIONS
A-501 - WINDOW FRAME DETAILS
A-502 - STOREFRONT DETAILS & ELEVATIONS
A-601 - SCHEDULES
A-602 - DOOR SCHEDULE & DETAILS
M-101 - MECHANICAL PLAN - MAIN BUILDING
E-101 - ELECTRICAL PLAN - MAIN BUILDING
E-102 - ELECTRICAL PLAN - SITE
E-601 - ELECTRICAL SCHEDULES AND DETAILS

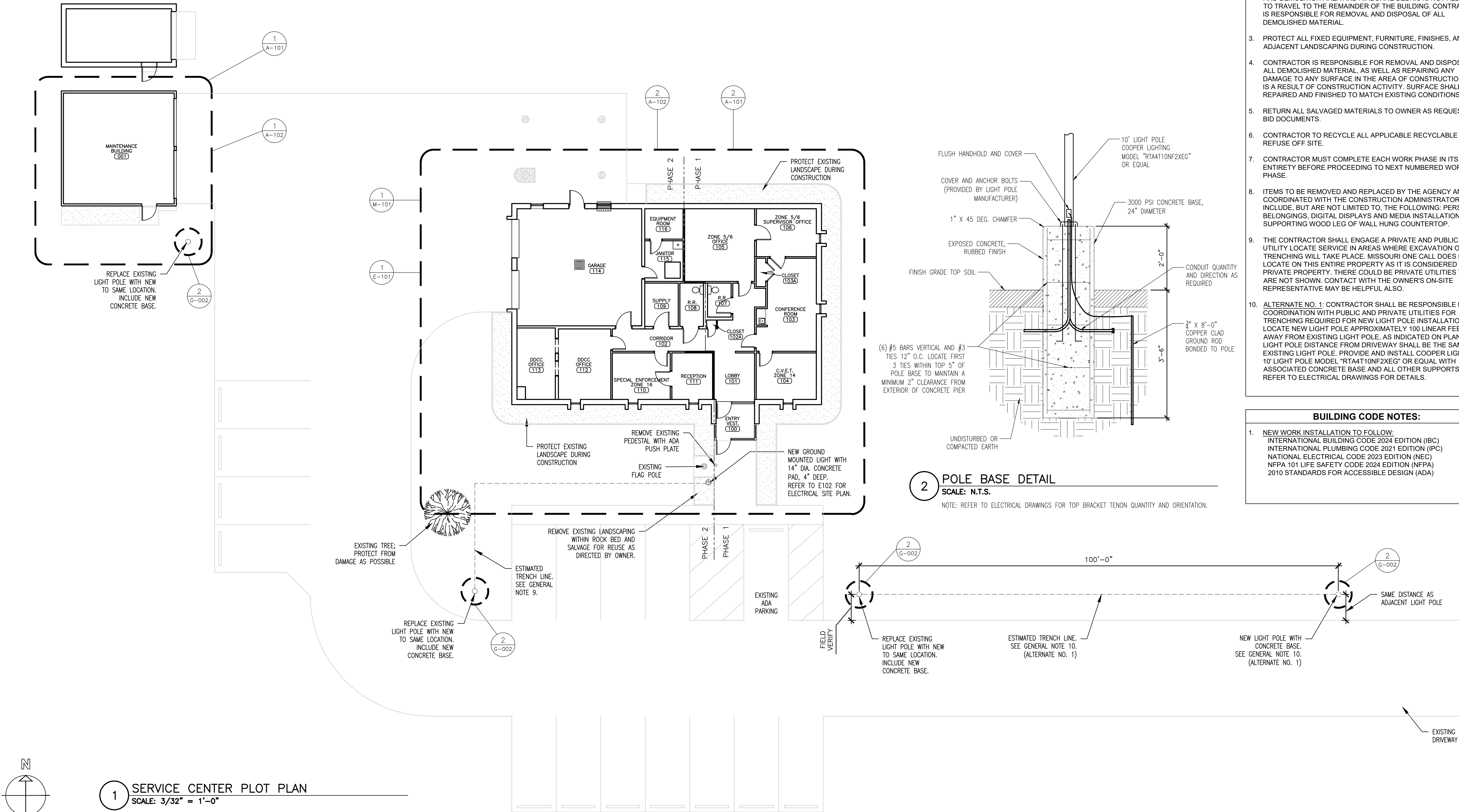
GENERAL NOTES:
1. DEMOLITION DRAWINGS AND PLANS ARE BASED ON FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS PRIOR TO BIDDING AND/OR CONSTRUCTION.
2. COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. ENSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIRBORNE DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL.
3. PROTECT ALL FIXED EQUIPMENT, FURNITURE, FINISHES, AND ADJACENT LANDSCAPING DURING CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL, AS WELL AS REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
5. RETURN ALL SALVAGED MATERIALS TO OWNER AS REQUESTED IN BID DOCUMENTS.
6. CONTRACTOR TO RECYCLE ALL APPLICABLE RECYCLABLE REFUSE OFF SITE.
7. CONTRACTOR MUST COMPLETE EACH WORK PHASE IN ITS ENTIRETY BEFORE PROCEEDING TO NEXT NUMBERED WORK PHASE.
8. ITEMS TO BE REMOVED AND REPLACED BY THE AGENCY AND COORDINATED WITH THE CONSTRUCTION ADMINISTRATOR INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: PERSONAL BELONGINGS, DIGITAL DISPLAYS AND MEDIA INSTALLATIONS, SUPPORTING WOOD LEG OF WALL HUNG COUNTERTOP.
9. THE CONTRACTOR SHALL ENGAGE A PRIVATE AND PUBLIC UTILITY LOCATE SERVICE IN AREAS WHERE EXCAVATION OR TRENCHING WILL TAKE PLACE. MISSOURI ONE CALL DOES NOT LOCATE ON THIS ENTIRE PROPERTY AS IT IS CONSIDERED PRIVATE PROPERTY. THERE COULD BE PRIVATE UTILITIES THAT ARE NOT SHOWN. CONTACT WITH THE OWNER'S ON-SITE REPRESENTATIVE MAY BE HELPFUL ALSO.
10. ALTERNATE NO. 1: CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH PUBLIC AND PRIVATE UTILITIES FOR TRENCHING REQUIRED FOR NEW LIGHT POLE INSTALLATION. LOCATE NEW LIGHT POLE APPROXIMATELY 100 LINEAR FEET AWAY FROM EXISTING LIGHT POLE. AS INDICATED ON PLAN. NEW LIGHT POLE DISTANCE FROM DRIVEWAY SHALL BE THE SAME AS EXISTING LIGHT POLE. PROVIDE AND INSTALL COOPER LIGHTING 10' LIGHT POLE MODEL "RTA4T10NF2XEG" OR EQUAL WITH ASSOCIATED CONCRETE BASE AND ALL OTHER SUPPORTS. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.

BUILDING CODE NOTES:
1. NEW WORK INSTALLATION TO FOLLOW: INTERNATIONAL BUILDING CODE 2024 EDITION (IBC) INTERNATIONAL PLUMBING CODE 2021 EDITION (IPC) NATIONAL ELECTRICAL CODE 2023 EDITION (NEC) NFPA 101 LIFE SAFETY CODE 2024 EDITION (NFPA) 2010 STANDARDS FOR ACCESSIBLE DESIGN (ADA)



2 POLE BASE DETAIL
SCALE: N.T.S.

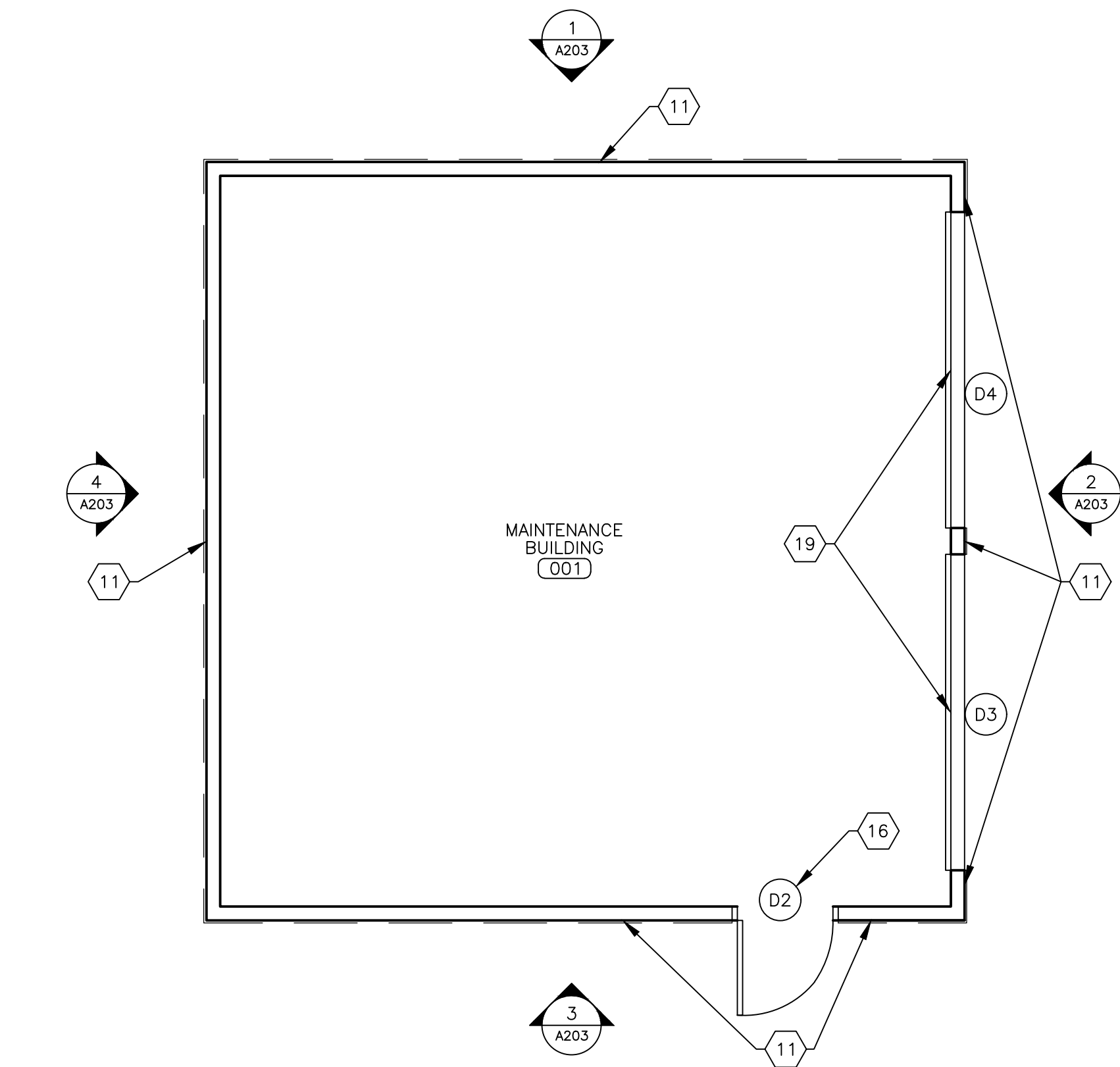
NOTE: REFER TO ELECTRICAL DRAWINGS FOR TOP BRACKET TENON QUANTITY AND ORIENTATION.



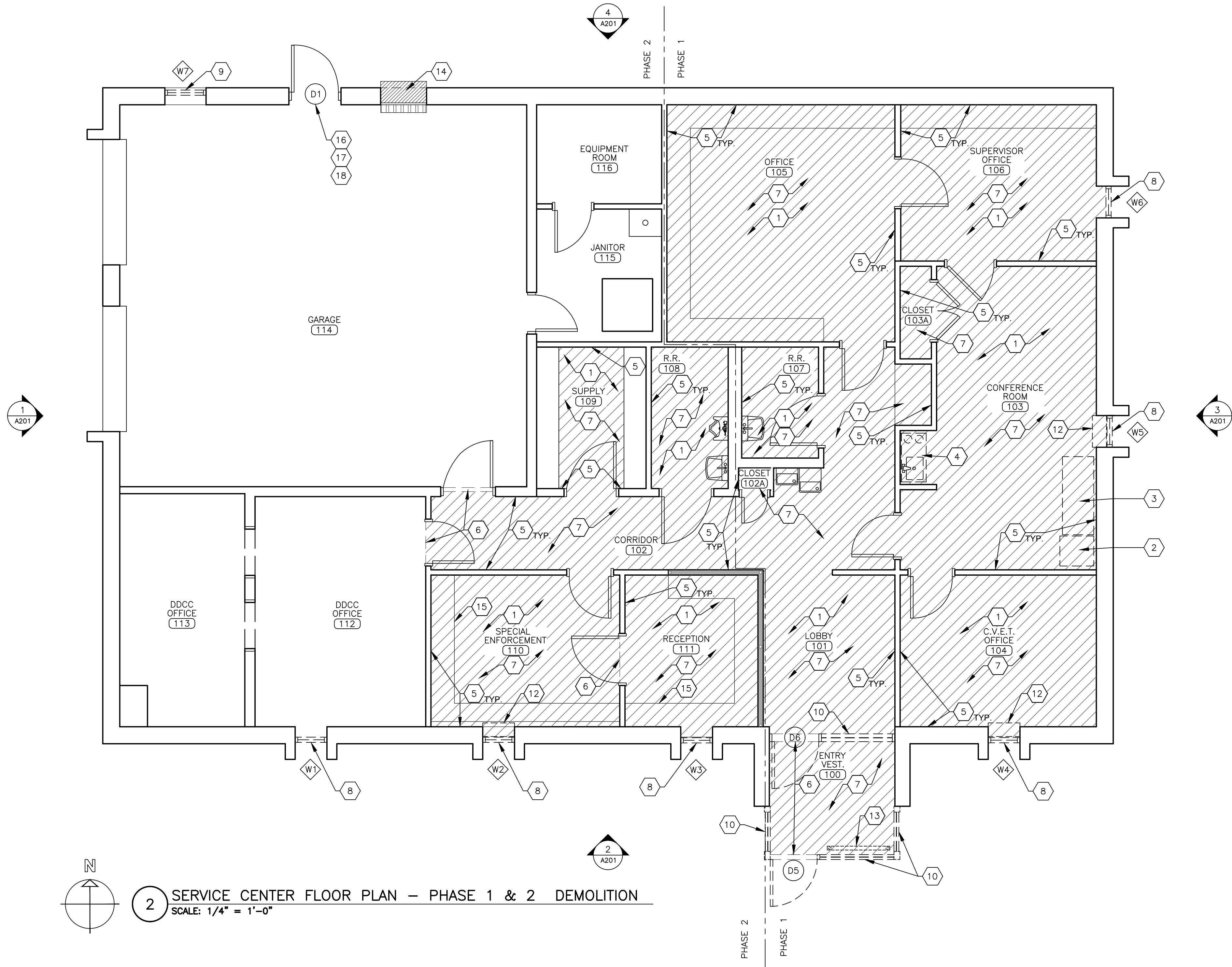
1 SERVICE CENTER PLOT PLAN
SCALE: 3/32" = 1'-0"

- DEMOLITION KEYNOTES:**
- 1 REMOVE ALL FURNITURE WITHIN THE AREA OF WORK TO RECEIVE NEW FLOORING. PROTECT FURNITURE FROM DAMAGE. COORDINATE TEMPORARY STORAGE LOCATION WITH FACILITY STAFF. CONTRACTOR TO MOVE ALL FURNITURE BACK TO ORIGINAL LOCATIONS AFTER CONSTRUCTION IS COMPLETE.
 - 2 REMOVE REFRIGERATOR FROM AREA OF WORK. TO BE REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION IS COMPLETE. PROTECT FROM DAMAGE.
 - 3 REMOVE FREESTANDING CABINETRY/COUNTER FROM AREA OF WORK. TO BE REINSTALLED IN SAME LOCATION AFTER CONSTRUCTION IS COMPLETE. PROTECT FROM DAMAGE.
 - 4 REMOVE AND DISPOSE OF VINTAGE DWYER KITCHENETTE UNIT AND ASSOCIATED SUPPLY STOPS AND RISERS.
 - 5 REMOVE AND DISPOSE OF EXISTING BASE TRIM. REPAIR ANY DAMAGED WALLS TO A LEVEL 4 FINISH TO MATCH ADJACENT. ENSURE CLEAN AND MOUNTABLE SURFACE FOR NEW BASE APPLICATION.
 - 6 REMOVE AND DISPOSE OF EXISTING THRESHOLD/TRANSITION STRIP.
 - 7 REMOVE EXISTING FLOORING TO SUBFLOOR BELOW, INCLUDING CARPET, PAD, TACKSTRIPS, VINYL AND GLUE UNDERLAYMENT, AND CERAMIC TILE. SUBFLOOR TO BE SMOOTHED AND PREPARED TO NEW FLOOR MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.
 - 8 REMOVE AND DISPOSE OF ENTIRE WINDOW INCLUDING FRAME, GLAZING, GYPSUM BOARD INFILL PANELS, AND WINDOW TREATMENT.
 - 9 REMOVE ENTIRE WINDOW INCLUDING FRAME AND GLAZING.
 - 10 REMOVE ENTIRE STOREFRONT ASSEMBLY INCLUDING FRAME, GLAZING, DOOR, AND ATTACHED WINDOW TREATMENT. DISCONNECT EXISTING ACCESS CONTROLS AND SALVAGE FOR REUSE. PROTECT FROM DAMAGE DURING CONSTRUCTION. REFER TO A-201 FOR ELEVATIONS.
 - 11 REMOVE AND DISPOSE OF EXISTING PLYWOOD SIDING AND SHEATHING DOWN TO STUDS AND REMOVE PLYWOOD SOFFIT. PROTECT EXISTING FASCIA TO REMAIN.
 - 12 REMOVE AND DISPOSE OF WALL MOUNTED SHELF.
 - 13 REMOVE AND DISPOSE OF FLOOR MOUNTED HEATER. REFER TO ELECTRICAL DRAWINGS.
 - 14 REMOVE AND DISPOSE OF WINDOW AIR CONDITIONER UNIT, AND SURROUNDING PLYWOOD WITHIN WALL OPENING. REFER TO ELECTRICAL DRAWINGS.
 - 15 REMOVE AND REINSTALL COUNTERTOP AS NEEDED FOR WINDOW INSTALLATION WITH OWNER APPROVAL. COUNTERTOP SHOULD REMAIN IN WORKING CONDITION.
 - 16 REMOVE AND DISPOSE OF EXISTING HOLLOW METAL DOOR, FRAME, HARDWARE, CLOSER, AND METAL THRESHOLD.
 - 17 DISCONNECT EXISTING ACCESS CONTROLS AND SALVAGE FOR REUSE. PROTECT FROM DAMAGE DURING CONSTRUCTION.
 - 18 REMOVE EXISTING DOOR ALARM AND SALVAGE FOR REUSE. PROTECT FROM DAMAGE DURING CONSTRUCTION.
 - 19 REMOVE AND DISPOSE OF ENTIRE EXISTING SECTIONAL OVERHEAD DOOR, HOLLOW METAL FRAME/SURROUNDING TRIM, AND ATTACHED TRACK AND HARDWARE.

- GENERAL NOTES:**
1. HATCHING SHOWN INDICATES AREAS OF NEW FLOORING.
 2. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING SPACE PRIOR TO BID.
 3. CONTRACTOR TO REMOVE EXISTING TRANSITIONS AND TRIM AS REQUIRED AND TO PROTECT EXISTING TRIM TO REMAIN.
 4. CONTRACTOR TO TAKE MEASURES TO PROTECT EXISTING WALL FIXTURES AND MATERIAL FROM DAMAGE DURING DEMOLITION AND INSTALLATION.
 5. CONTRACTOR TO COORDINATE PATHS THROUGH BUILDING FOR DELIVERY OF CONSTRUCTION MATERIAL AND WORKERS WITH FACILITY STAFF PRIOR TO COMMENCEMENT OF WORK.
 6. CONTRACTOR TO COORDINATE WITH STAFF WHEN REMOVING FURNITURE TO DETERMINE EXACT LAYOUT FOR ACCURATE REPLACEMENT ALONG WITH STORAGE OF ITEMS.
 7. CONTRACTOR TO FIELD VERIFY DIMENSIONS OF EXISTING SPACE PRIOR TO MATERIAL PROCUREMENT AND INSTALLATION.
 8. CONTRACTOR SHALL PROTECT ADJACENT STRUCTURES TO REMAIN IN PLACE THAT COULD POTENTIALLY BE DAMAGED DURING INSTALLATION TO ENSURE INTEGRITY AND FINISH ARE MAINTAINED.
 9. COORDINATE SCHEDULE WITH FACILITY STAFF PRIOR TO START OF WORK.



1 MAINTENANCE BUILDING FLOOR PLAN - PHASE 2 DEMOLITION
SCALE: 1/4" = 1'-0"



2 SERVICE CENTER FLOOR PLAN - PHASE 1 & 2 DEMOLITION
SCALE: 1/4" = 1'-0"



Brad M. Schaefer - Architect
MO# A-2009027294

BID DOCUMENTS

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DEPARTMENT OF
PUBLIC SAFETY
STATE HIGHWAY PATROL

REPLACE WINDOWS,
SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: _____

CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
SERVICE CENTER
FLOOR PLAN -
DEMOLITION

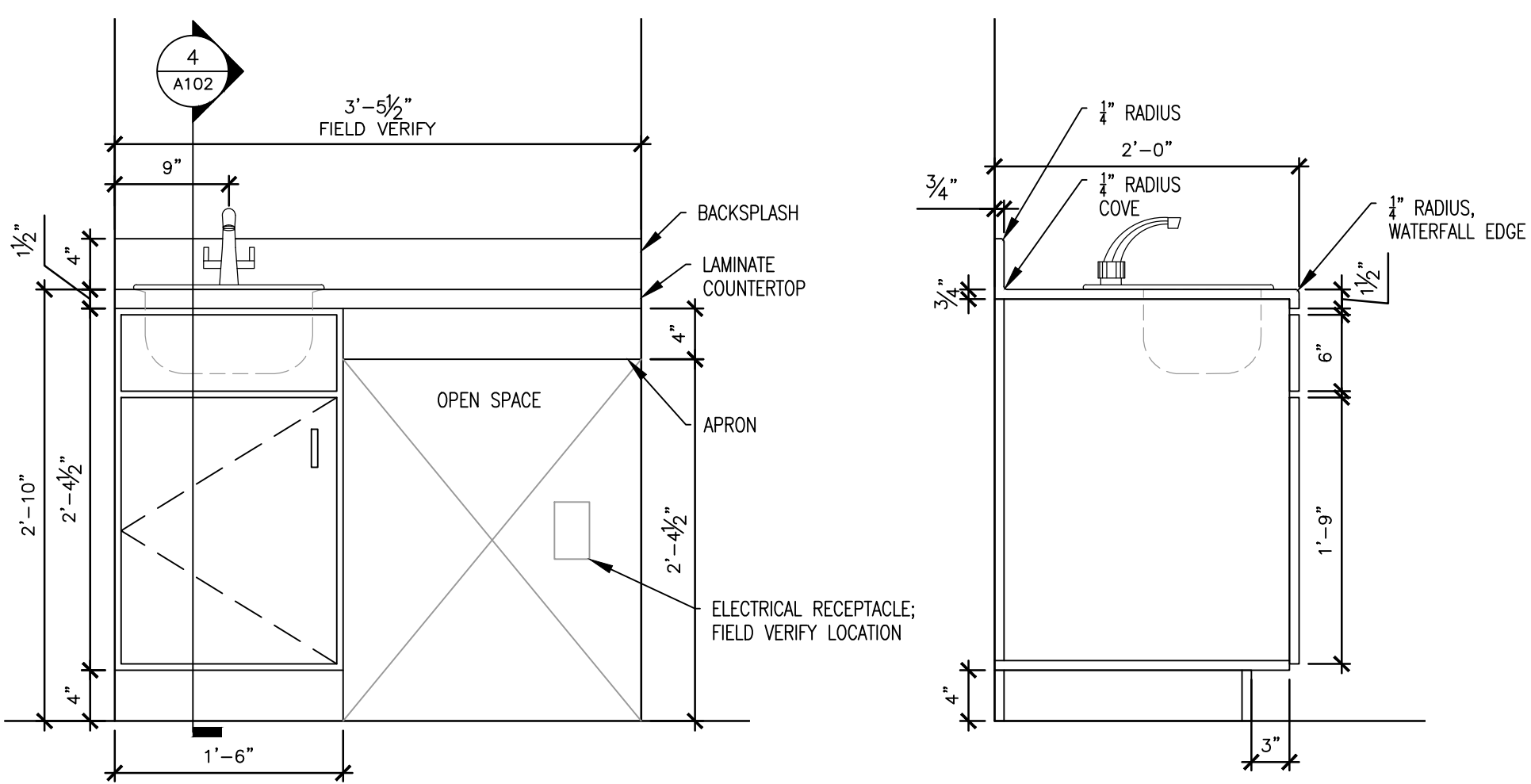
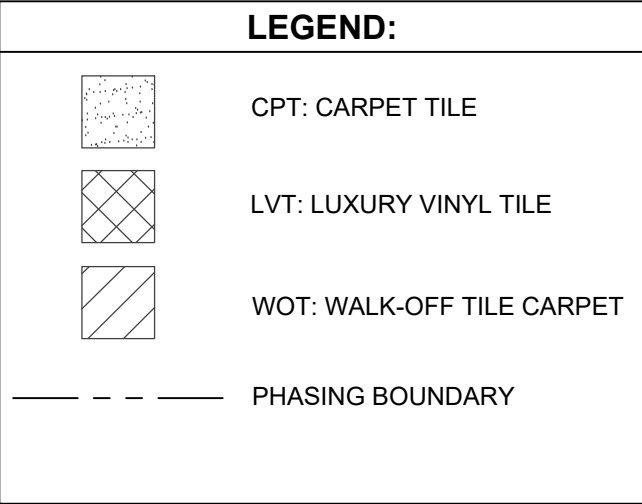
SHEET NUMBER:

A-101

3 OF 16 SHEETS
2/7/2025

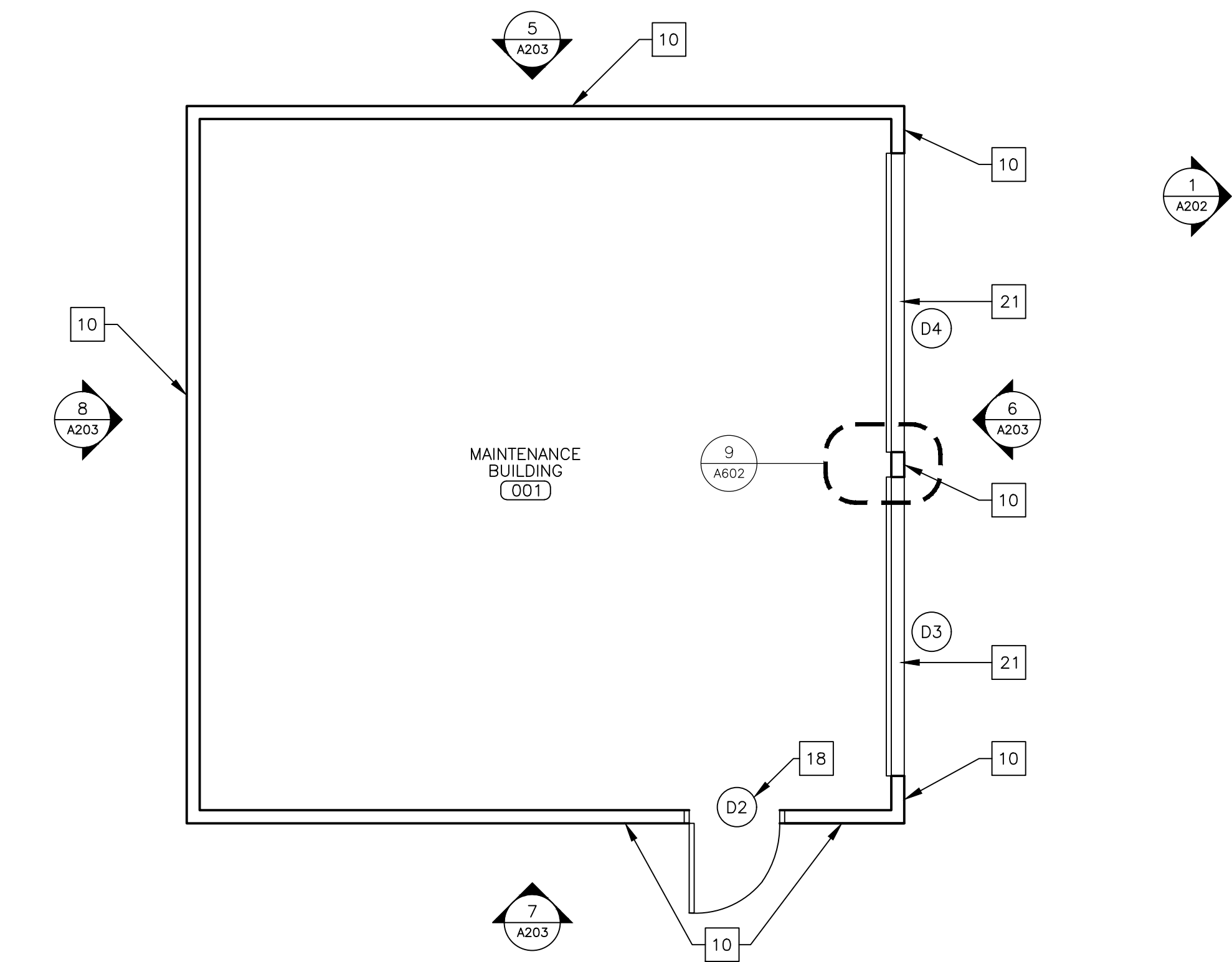
- RENOVATION KEYNOTES:**
1. INSTALL NEW CARPET TILE (CPT) AS SPECIFIED.
 2. INSTALL NEW LUXURY VINYL TILE (LVT) AS SPECIFIED.
 3. INSTALL NEW WALK-OFF TILE CARPET (WOT) AS SPECIFIED.
 4. INSTALL NEW 6" VINYL COVE BASE AS SPECIFIED.
 5. INSTALL NEW METAL THRESHOLD STRIP. NEW FLOOR SHOULD BE SQUARELY CUT AND LEVEL WITH ADJOINING FLOOR FINISH.
 6. INSTALL NEW METAL TRANSITION EDGE STRIP. NEW FLOOR SHOULD BE SQUARELY CUT AND LEVEL WITH ADJOINING FLOOR FINISH.
 7. INSTALL NEW WINDOWS AS SPECIFIED. REFER TO A-601 FOR WINDOW SCHEDULE.
 8. INSTALL NEW WINDOW TREATMENT AS SPECIFIED.
 9. INSTALL NEW STOREFRONT ASSEMBLY AS SPECIFIED, INCLUDING FRAME, GLAZING, AND DOOR WITH ELECTRIC STRIKE. REFER TO A-502 FOR DETAILS.
 10. INSTALL NEW SIDING TO EXTERIOR WALLS OF MAINTENANCE SHED AS SPECIFIED, AND INSTALL NEW VENTED SOFFIT.
 11. REINSTALL REFRIGERATOR TO SAME LOCATION AFTER CONSTRUCTION IS COMPLETE.
 12. REINSTALL FREESTANDING CABINETRY/COUNTER TO SAME LOCATION AFTER CONSTRUCTION IS COMPLETE.
 13. INSTALL NEW KITCHENETTE INCLUDING SINK, COUNTERTOP, AND CABINETRY. INSTALL ELKAY DROP-IN SINK AND FAUCET KIT MODEL "BLR150C" OR EQUAL. PROVIDE NEW STAINLESS STEEL WATER SUPPLY CONNECTORS AND MULTI-TURN ANGLE STOPS.
 14. ENSURE NEW FLOORING IS FLUSH AND LEVEL WITH ADJACENT EXISTING FLOORING. INSTALL SPECIFIED METAL TRANSITION EDGE STRIP ONLY IF CHANGE IN FLOOR HEIGHT IS UNAVOIDABLE, AND INFORM OWNER.
 15. PATCH AND REPAIR EXISTING WALL DAMAGE TO LEVEL 4 FINISH PRIOR TO NEW BASE INSTALLATION. PAINT TO MATCH ADJACENT FINISH.
 16. REMOVE AND REINSTALL COUNTERTOP AS NEEDED FOR WINDOW INSTALLATION WITH OWNER APPROVAL. COUNTERTOP SHOULD REMAIN IN WORKING CONDITION.
 17. INSTALL NEW HEATER, REFER TO ELECTRICAL DRAWINGS.
 18. INSTALL NEW HOLLOW METAL DOOR AND FRAME, WITH NEW HARDWARE, CLOSER, AND METAL THRESHOLD. REFER TO A-602 FOR SCHEDULE AND DETAILS.
 19. REINSTALL SALVAGED ACCESS CONTROLS AND CONNECT TO NEW ELECTRIC STRIKE.
 20. REINSTALL SALVAGED DOOR ALARM TO SAME LOCATION.
 21. INSTALL NEW INSULATED SECTIONAL STEEL DOOR WITH STANDARD TRACK ASSEMBLY. REFER TO A-602 FOR SCHEDULE AND DETAILS.

- GENERAL NOTES:**
1. HATCHING SHOWN INDICATES AREAS OF NEW FLOORING.
 2. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING SPACE PRIOR TO BID.
 3. CONTRACTOR TO REMOVE EXISTING TRANSITIONS AND TRIM AS REQUIRED AND TO PROTECT EXISTING TRIM TO REMAIN.
 4. CONTRACTOR TO TAKE MEASURES TO PROTECT EXISTING WALL FIXTURES AND MATERIAL FROM DAMAGE DURING DEMOLITION AND INSTALLATION.
 5. CONTRACTOR TO COORDINATE PATHS THROUGH BUILDING FOR DELIVERY OF CONSTRUCTION MATERIAL AND WORKERS WITH FACILITY STAFF PRIOR TO COMMENCEMENT OF WORK.
 6. CONTRACTOR TO COORDINATE WITH STAFF WHEN REMOVING FURNITURE TO DETERMINE EXACT LAYOUT FOR ACCURATE REPLACEMENT ALONG WITH STORAGE OF ITEMS.
 7. CONTRACTOR TO FIELD VERIFY DIMENSIONS OF EXISTING SPACE TO MATERIAL PROCUREMENT AND INSTALLATION.
 8. CONTRACTOR SHALL PROTECT ADJACENT STRUCTURES TO REMAIN IN PLACE THAT COULD POTENTIALLY BE DAMAGED DURING INSTALLATION TO ENSURE INTEGRITY AND FINISH ARE MAINTAINED.
 9. COORDINATE SCHEDULE WITH FACILITY STAFF PRIOR TO START OF WORK.

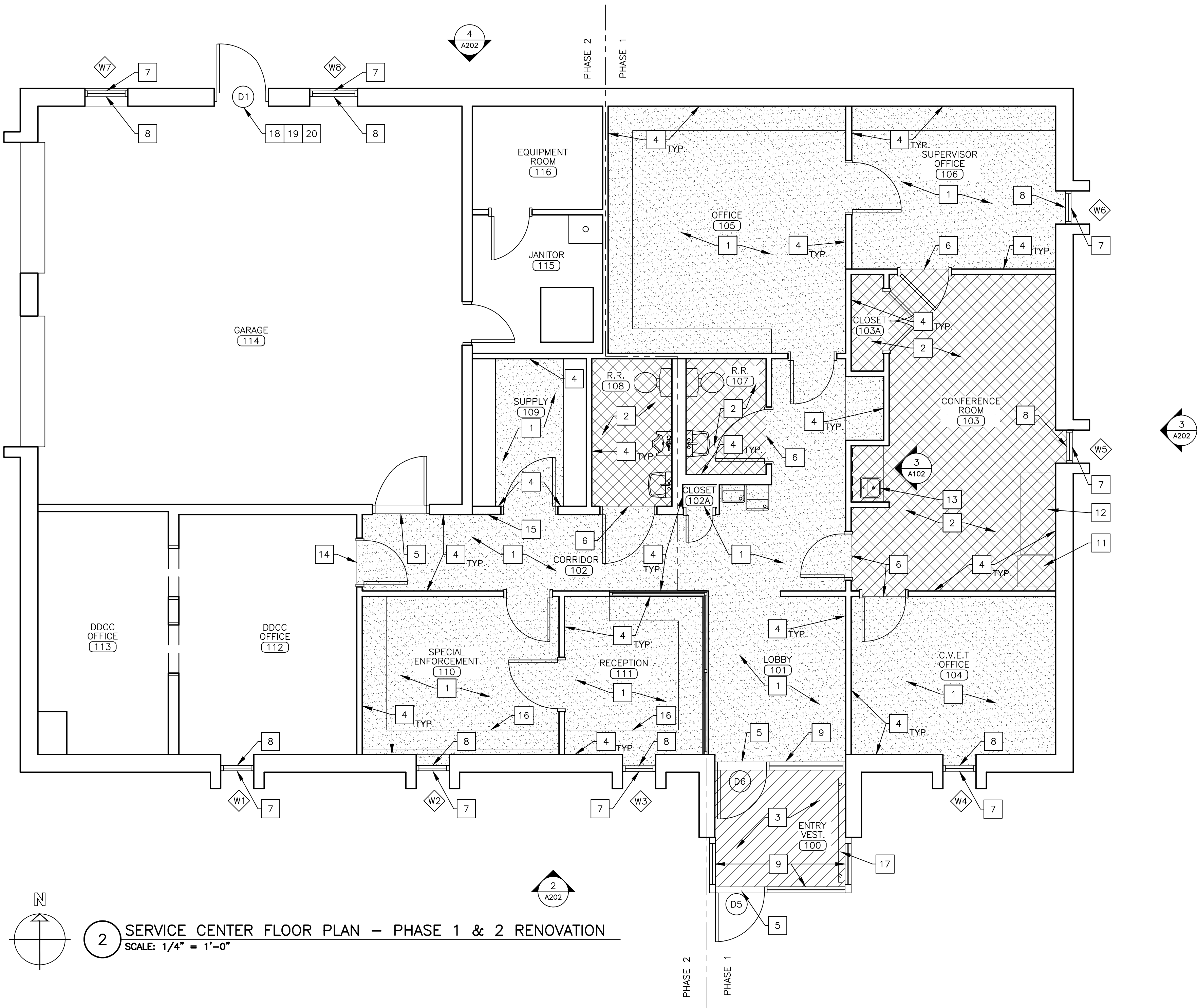


3 KITCHENETTE ELEVATION
SCALE: 1" = 1'-0"

4 CABINETRY SECTION
SCALE: 1" = 1'-0"



1 MAINTENANCE BUILDING FLOOR PLAN - PHASE 2 RENOVATION
SCALE: 1/4" = 1'-0"



2 SERVICE CENTER FLOOR PLAN - PHASE 1 & 2 RENOVATION
SCALE: 1/4" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Brad M. Schaefer - Architect
MO# A-2009027294

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REPLACE WINDOWS,
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TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: _____

CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
SERVICE CENTER
FLOOR PLAN -
RENOVATION

SHEET NUMBER:

A-102

4 OF 16 SHEETS
2/7/2025



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CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
SERVICE CENTER
REFLECTED
CEILING PLAN

SHEET NUMBER:

A-103

5 OF 16 SHEETS
2/7/2025

DEMOLITION KEYNOTES:

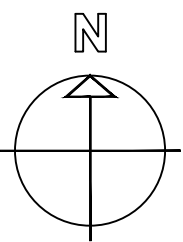
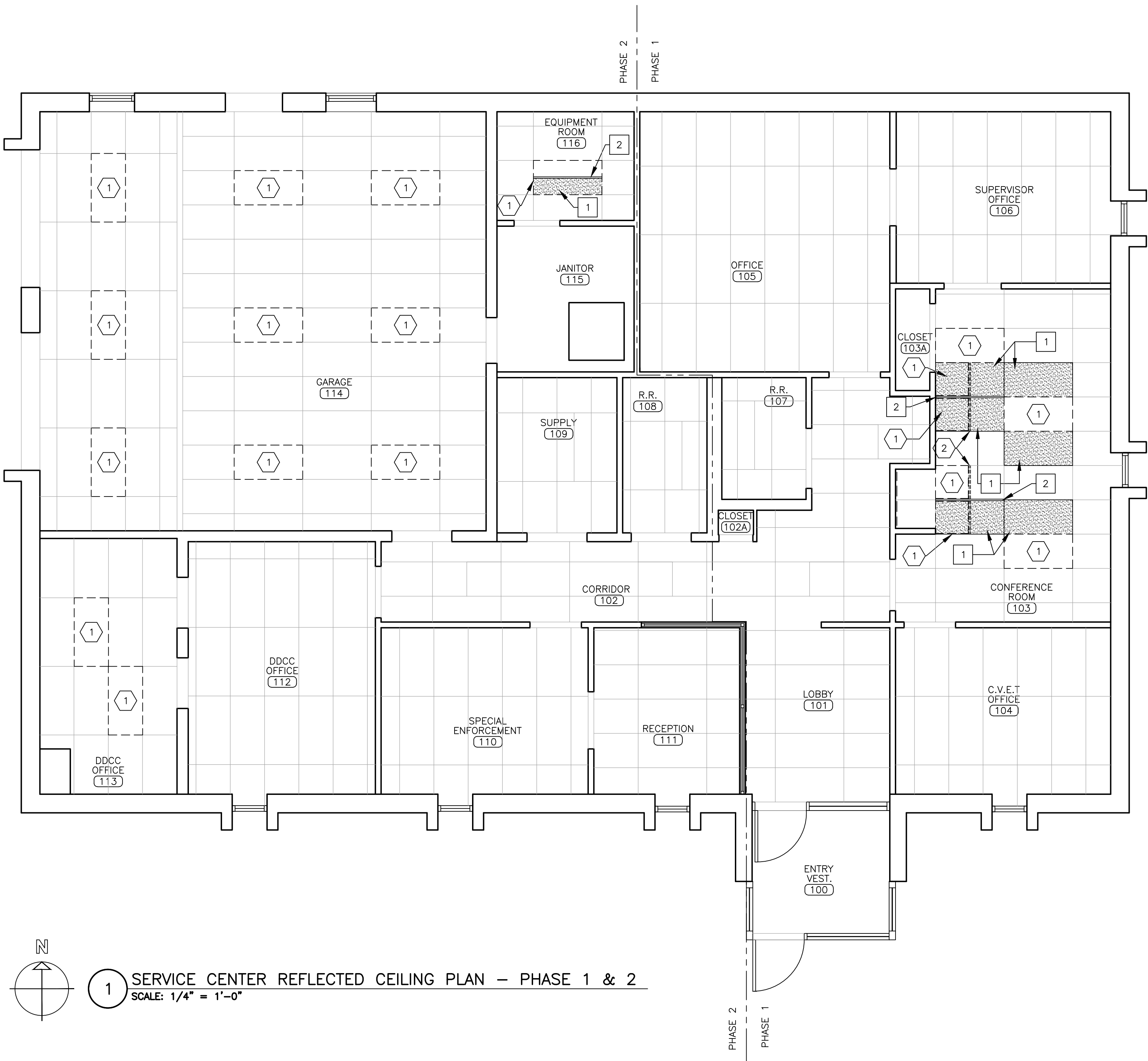
- 1 REMOVE EXISTING LAY-IN ACOUSTIC CEILING TILE AND SALVAGE FOR REUSE.
2 REMOVE AND DISPOSE OF EXISTING CEILING GRID T-BAR TO EXTENT SHOWN.

RENOVATION KEYNOTES:

- 1 INSTALL SALVAGED LAY-IN ACOUSTIC CEILING TILE TO LOCATION SHOWN.
RELINQUISH UNUSED TILES TO OWNER.
2 INSTALL NEW CEILING GRID T-BAR TO LOCATION SHOWN.

LEGEND:

- ACOUSTIC CEILING TILE - DEMO
ACOUSTIC CEILING TILE - NEW LOCATION
CEILING GRID T-BAR - DEMO
CEILING GRID T-BAR - NEW
PHASING BOUNDARY



1 SERVICE CENTER REFLECTED CEILING PLAN – PHASE 1 & 2
SCALE: 1/4" = 1'-0"



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MO# A-2009027294

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DESIGNED BY: CL

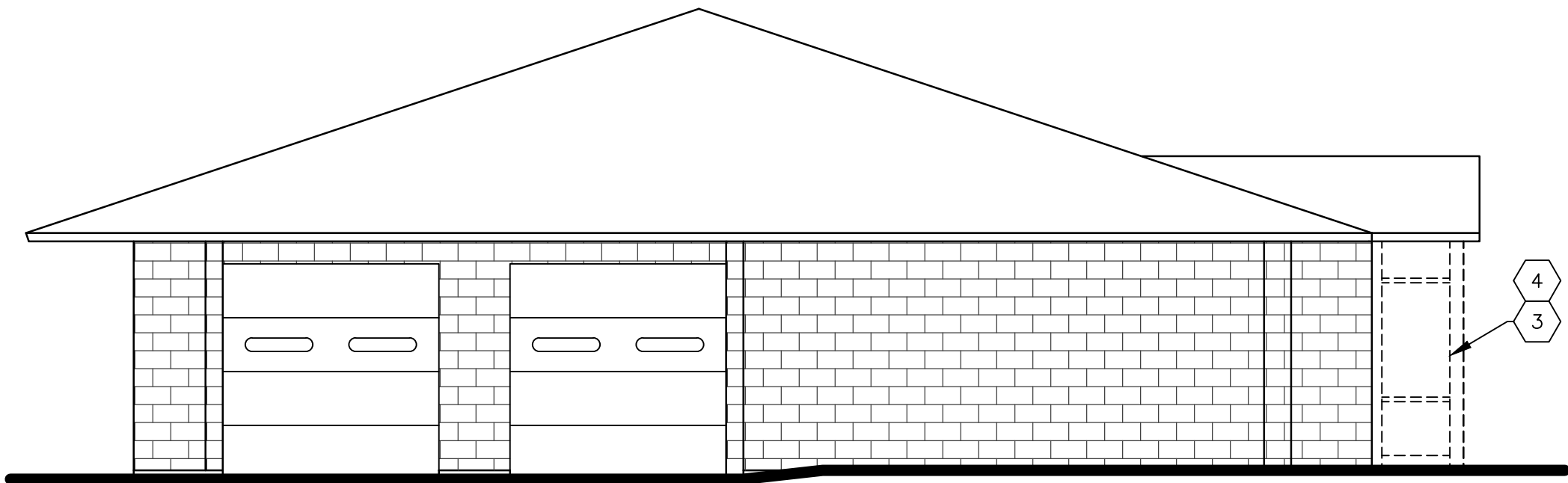
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SERVICE CENTER
EXTERIOR ELEVATIONS
- DEMOLITION

SHEET NUMBER:

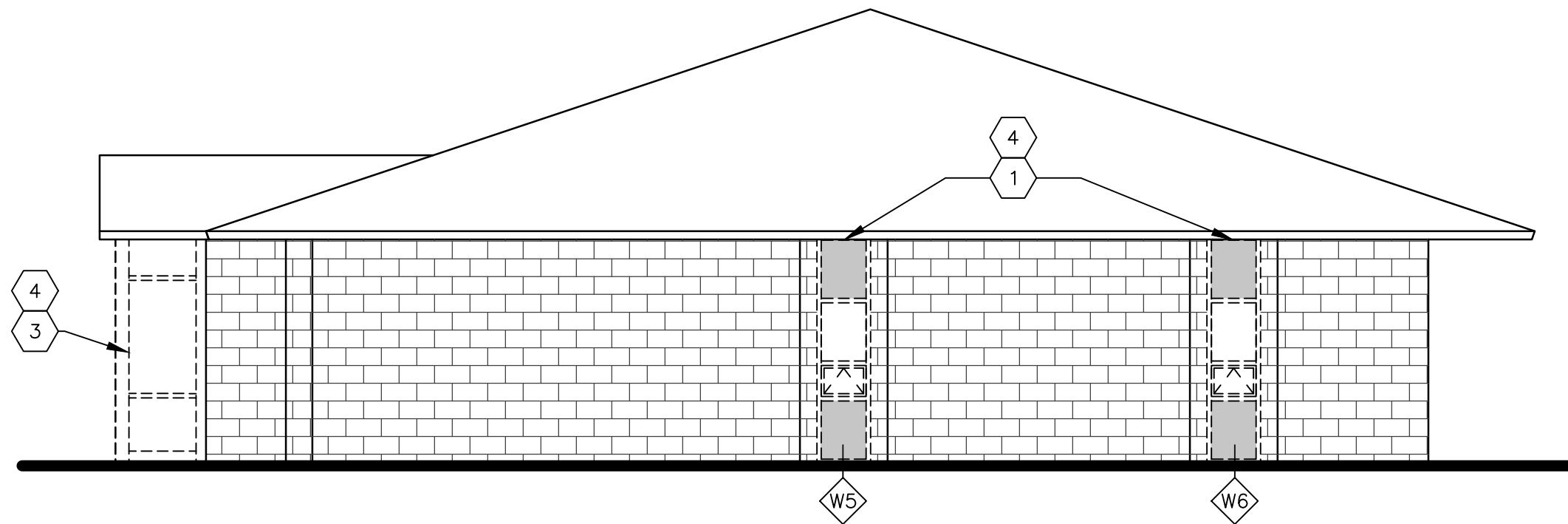
A-201

6 OF 16 SHEETS
2/7/2025

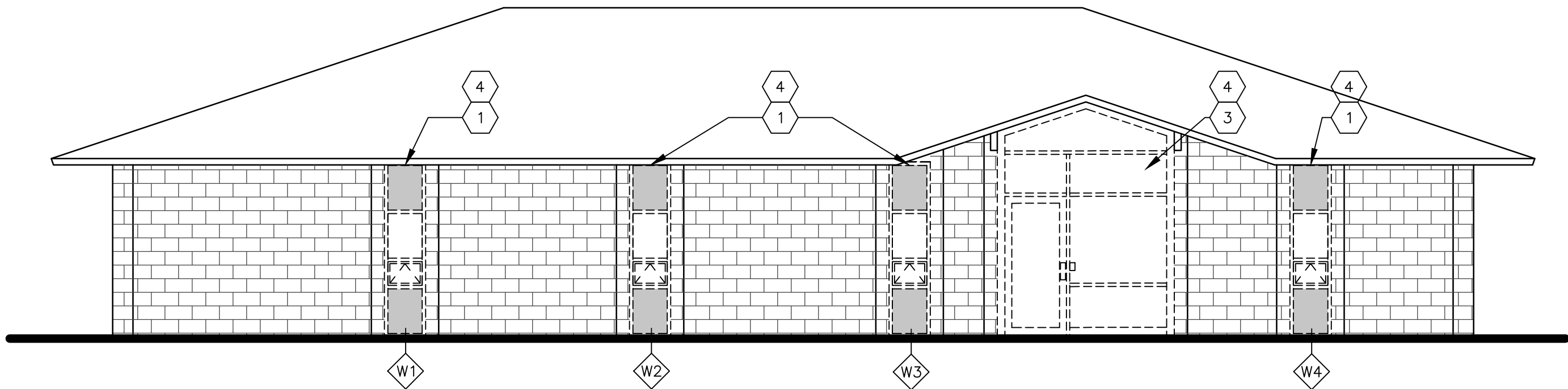
DEMOLITION KEYNOTES:	
1	REMOVE ENTIRE WINDOW INCLUDING FRAME, GLAZING, AND GYPSUM BOARD INFILL PANELS.
2	REMOVE ENTIRE WINDOW INCLUDING FRAME AND GLAZING.
3	REMOVE ENTIRE STOREFRONT ASSEMBLY INCLUDING FRAME, GLAZING, AND DOOR.
4	REPAIR ROUGH OPENING AND FRAMING AS NEEDED, ACCORDING TO NEW WINDOW FRAME MANUFACTURER'S RECOMMENDATIONS.
5	REMOVE AND DISPOSE OF WINDOW AIR CONDITIONER UNIT, AND SURROUNDING PLYWOOD WITHIN WALL OPENING. REFER TO ELECTRICAL DRAWINGS.
6	REMOVE AND DISPOSE OF EXISTING HOLLOW METAL DOOR, FRAME, HARDWARE, CLOSER, AND METAL THRESHOLD.
7	DISCONNECT EXISTING ACCESS CONTROLS AND SALVAGE FOR REUSE. PROTECT FROM DAMAGE DURING CONSTRUCTION.
8	REMOVE EXISTING DOOR ALARM AND SALVAGE FOR REUSE. PROTECT FROM DAMAGE DURING CONSTRUCTION.



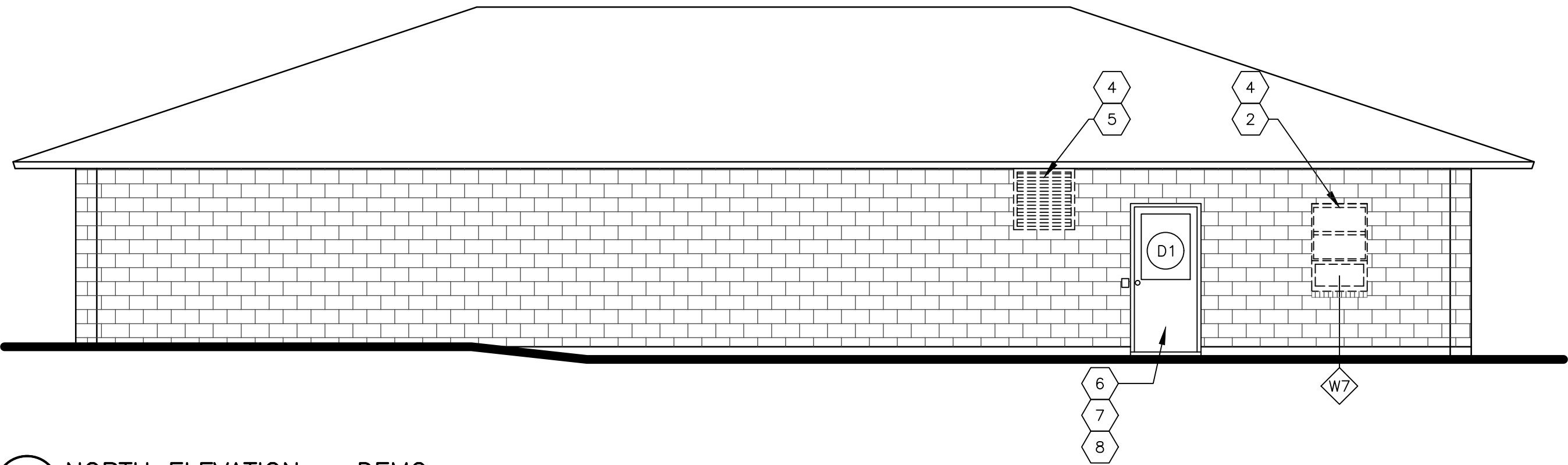
1 WEST ELEVATION — DEMO
SCALE: 3/16" = 1'-0"



3 EAST ELEVATION — DEMO
SCALE: 3/16" = 1'-0"



2 SOUTH ELEVATION — DEMO
SCALE: 3/16" = 1'-0"



4 NORTH ELEVATION — DEMO
SCALE: 3/16" = 1'-0"



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CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

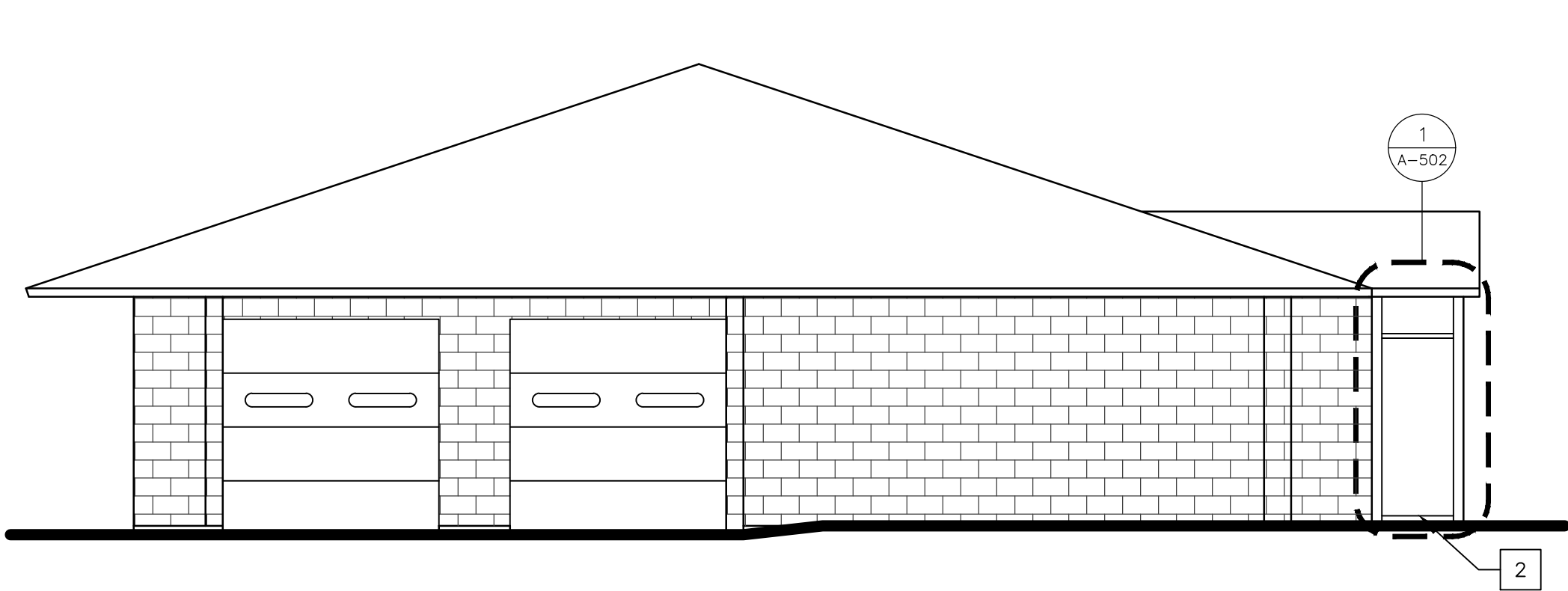
SHEET TITLE:
SERVICE CENTER
EXTERIOR ELEVATIONS
- RENOVATION

SHEET NUMBER:

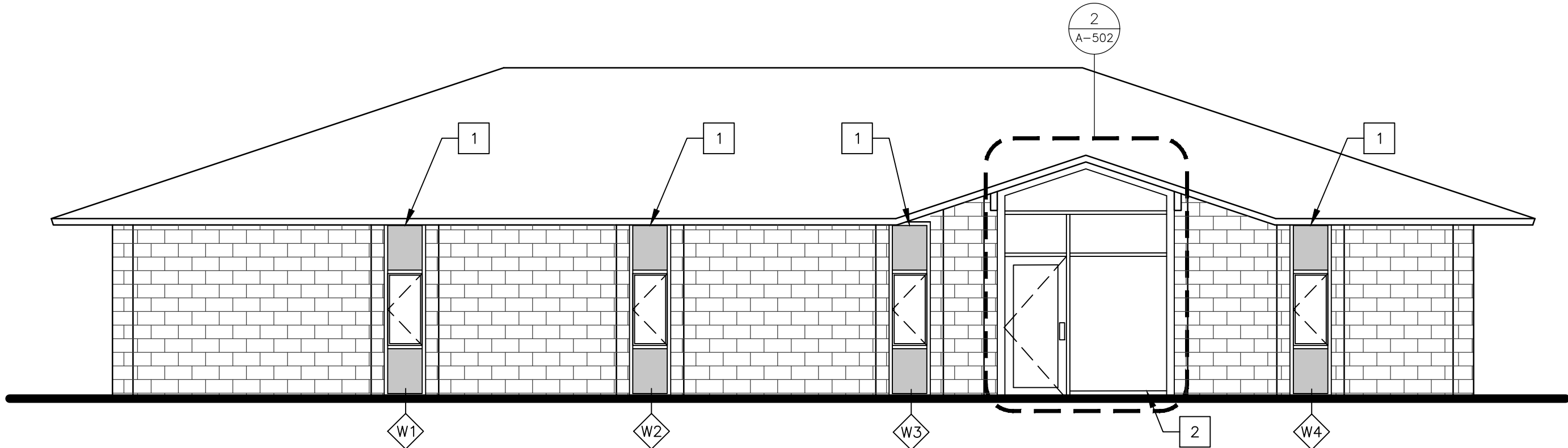
A-202

7 OF 16 SHEETS
2/7/2025

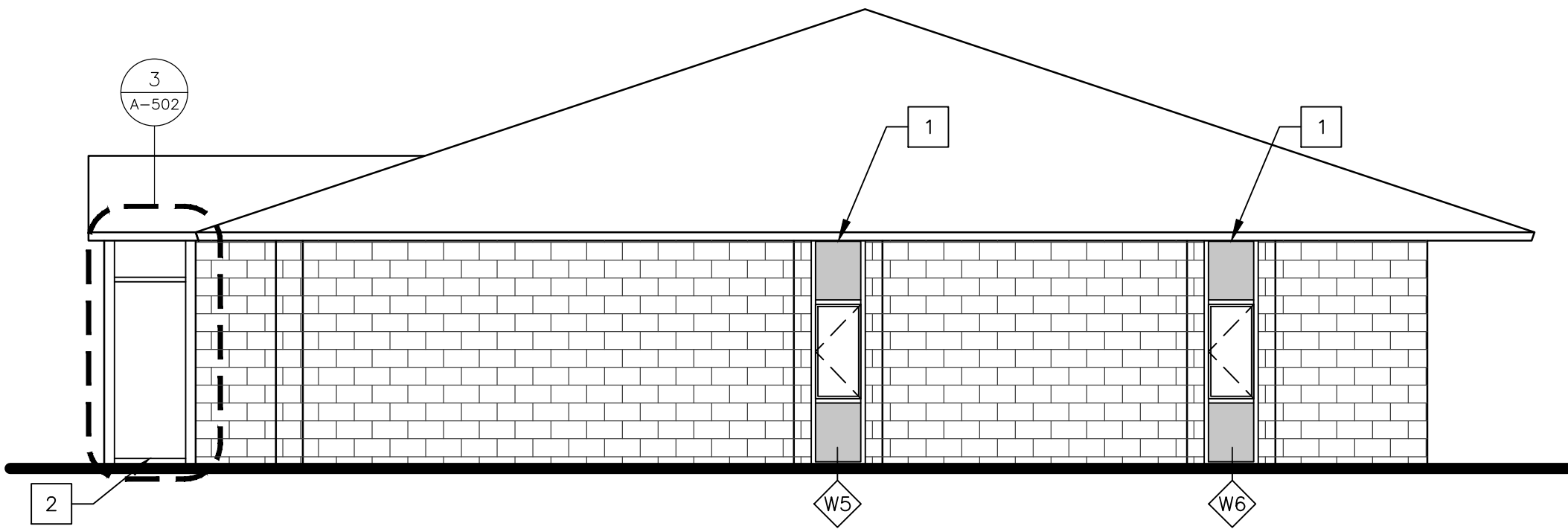
RENOVATION KEYNOTES:	
1	INSTALL NEW WINDOWS AS SPECIFIED. REFER TO A-601 FOR WINDOW SCHEDULE.
2	INSTALL NEW STOREFRONT ASSEMBLY AS SPECIFIED, INCLUDING FRAME, GLAZING, AND DOOR WITH ELECTRIC STRIKE. REFER TO A-502 FOR DETAILS.
3	INSTALL NEW HOLLOW METAL DOOR AND FRAME, WITH NEW HARDWARE, CLOSER, AND METAL THRESHOLD. REFER TO A-602 FOR SCHEDULE AND DETAILS.
4	REINSTALL SALVAGED ACCESS CONTROLS AND CONNECT TO NEW ELECTRIC STRIKE.
5	REINSTALL SALVAGED DOOR ALARM TO SAME LOCATION.



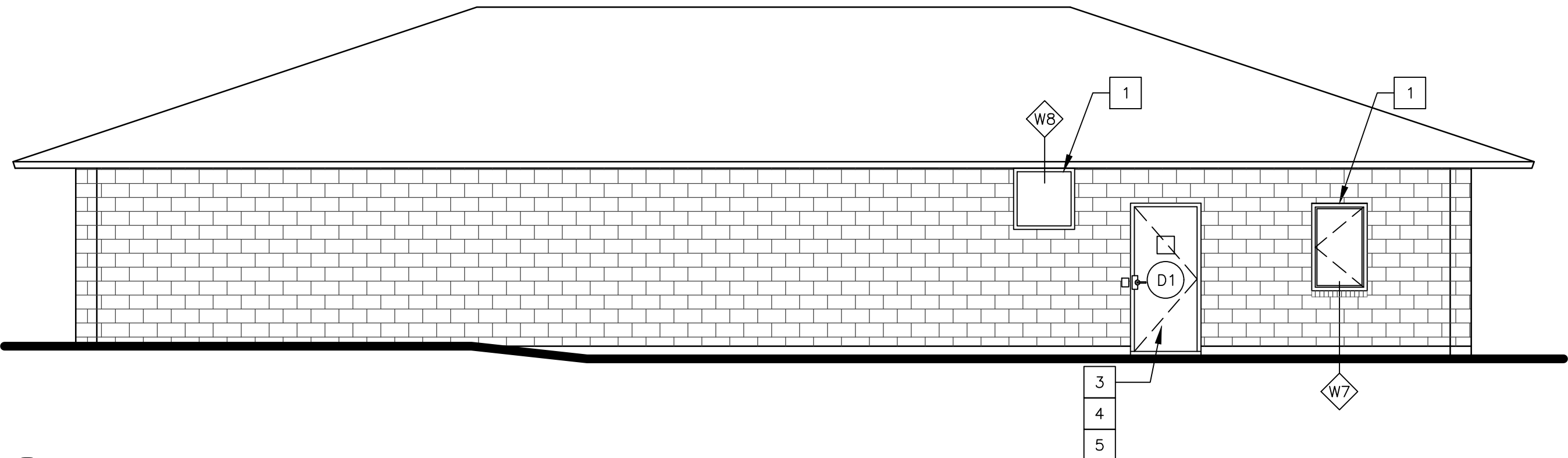
1 WEST ELEVATION — RENOVATION
SCALE: 3/16" = 1'-0"



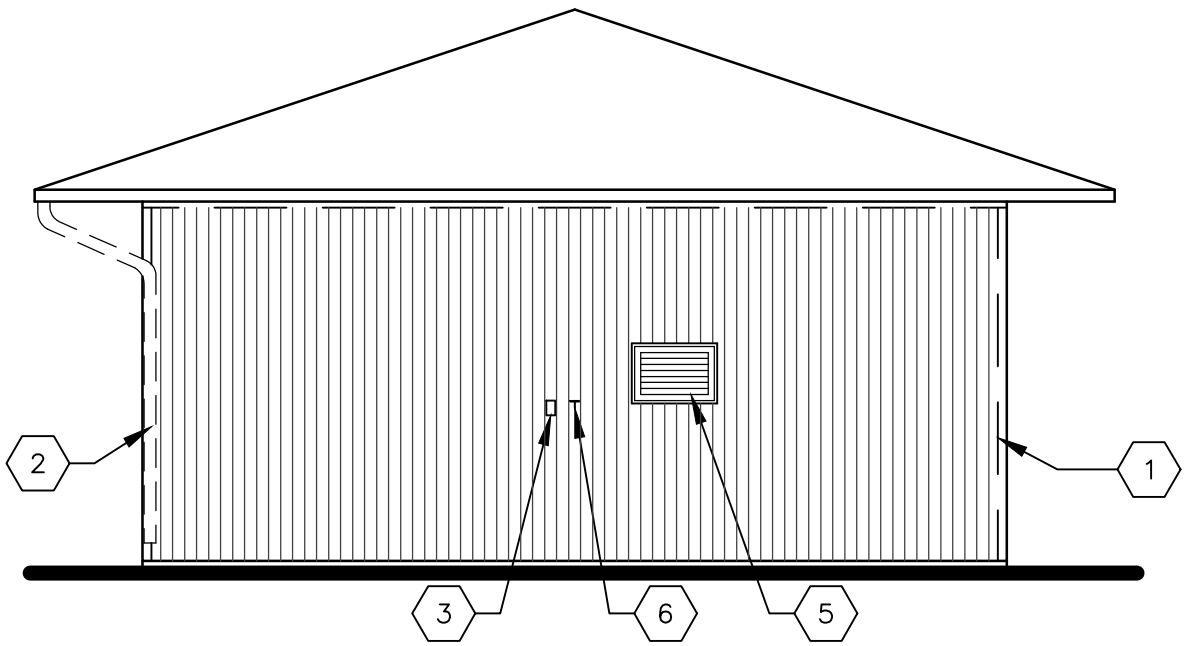
2 SOUTH ELEVATION — RENOVATION
SCALE: 3/16" = 1'-0"



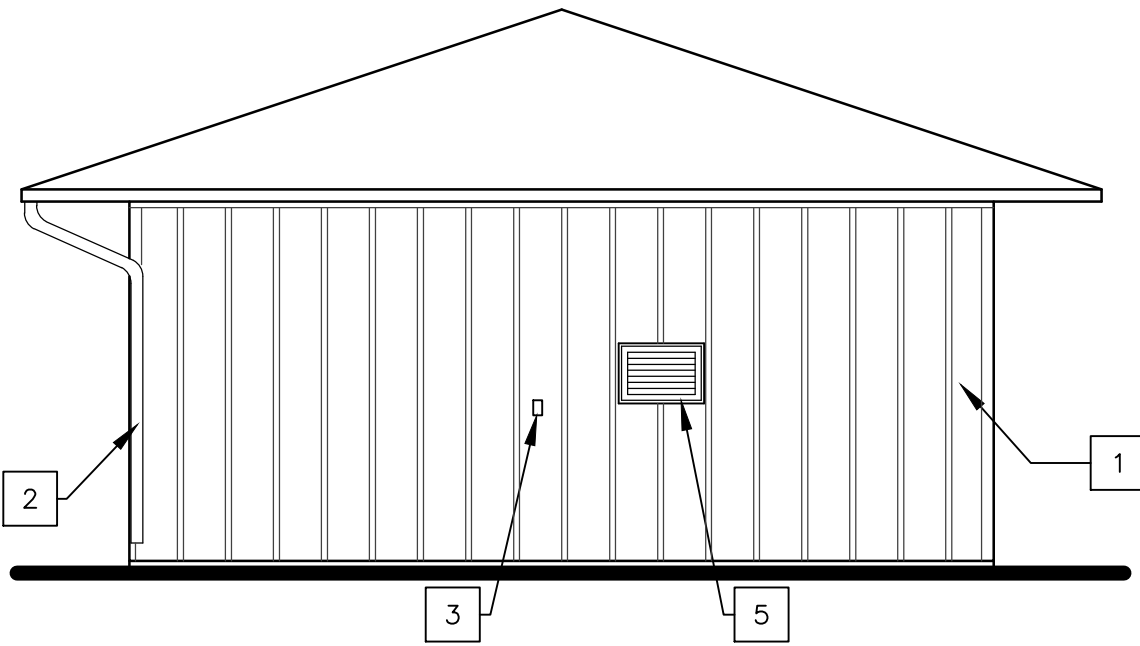
3 EAST ELEVATION — RENOVATION
SCALE: 3/16" = 1'-0"



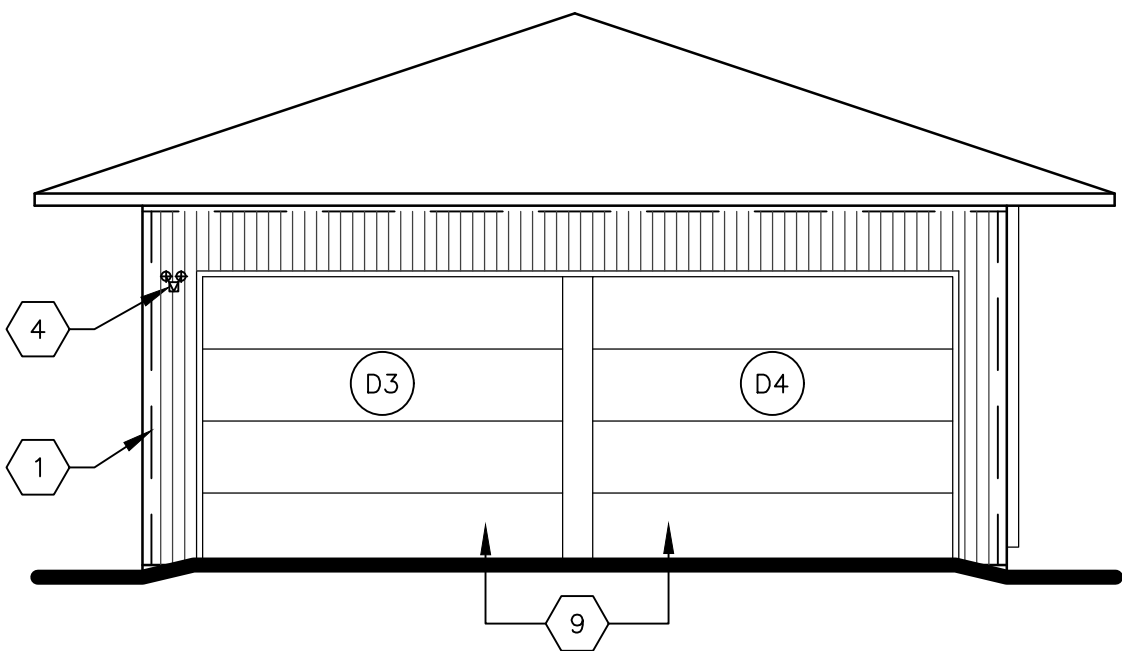
4 NORTH ELEVATION — RENOVATION
SCALE: 3/16" = 1'-0"



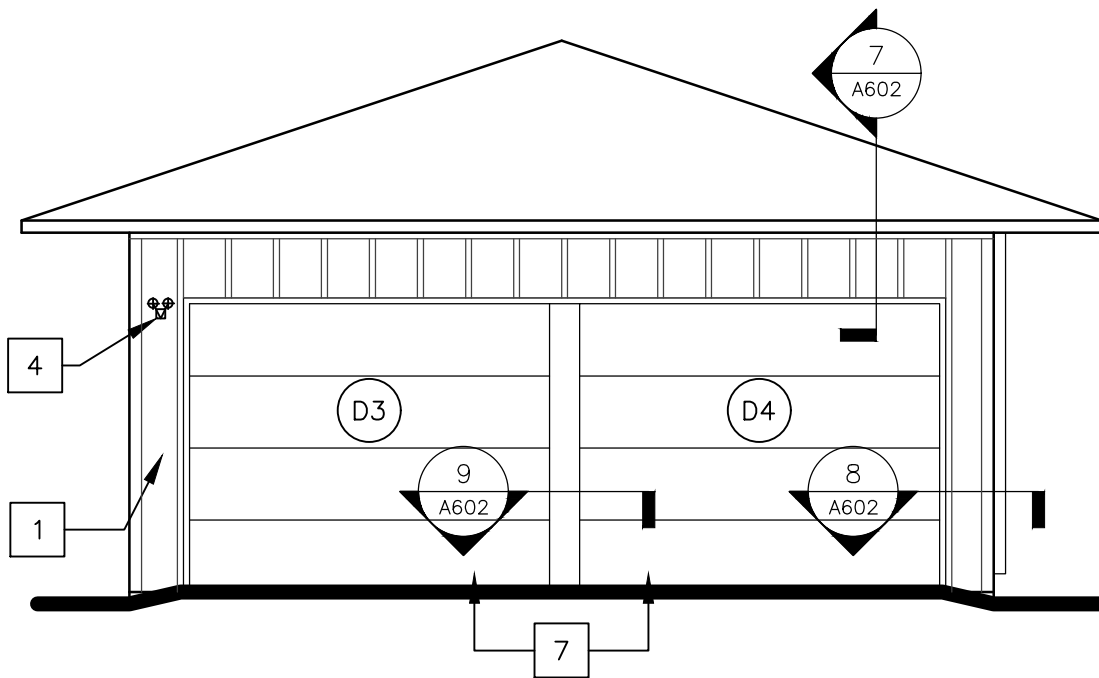
1 NORTH ELEVATION – DEMO
SCALE: 3/16" = 1'-0"



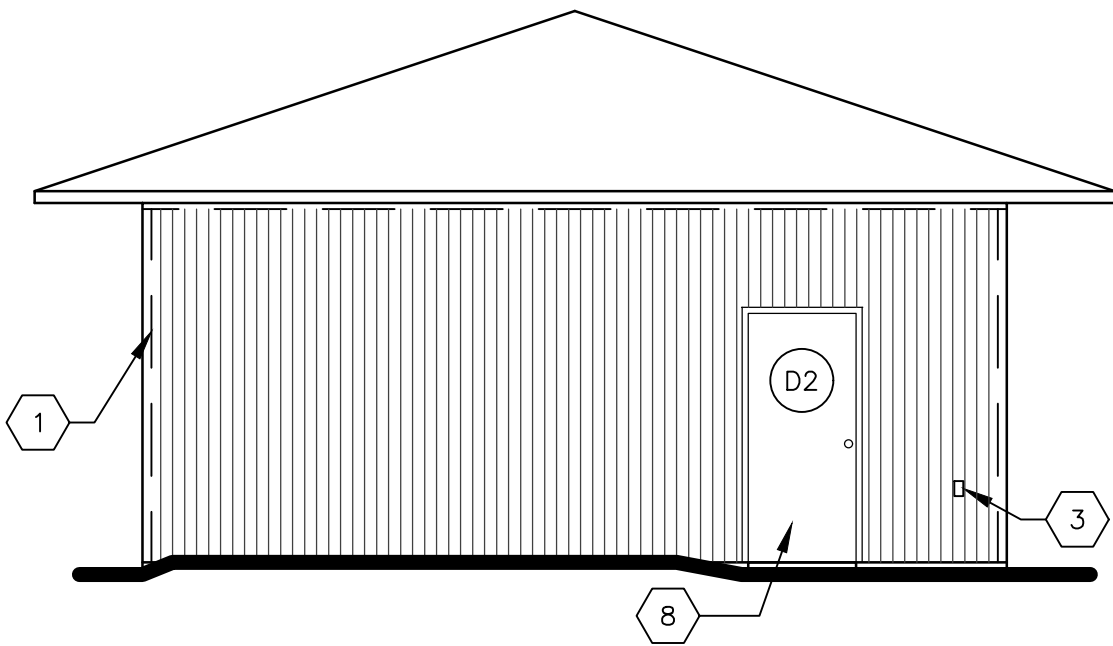
5 NORTH ELEVATION – RENOVATION
SCALE: 3/16" = 1'-0"



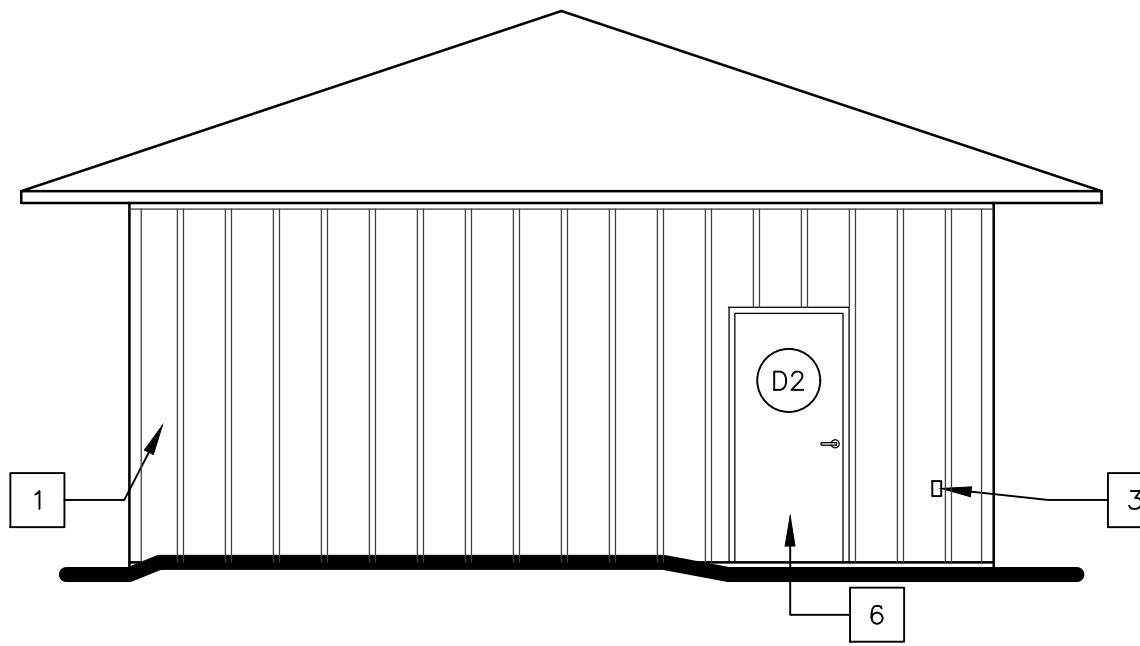
2 EAST ELEVATION – DEMO
SCALE: 3/16" = 1'-0"



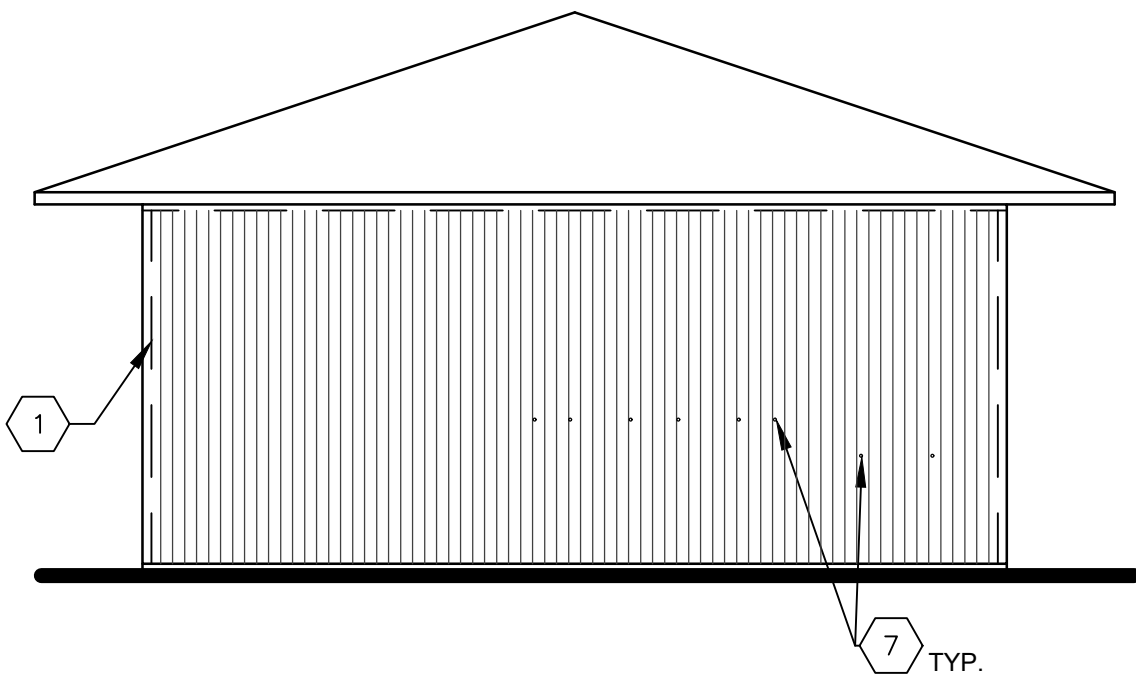
6 EAST ELEVATION – RENOVATION
SCALE: 3/16" = 1'-0"



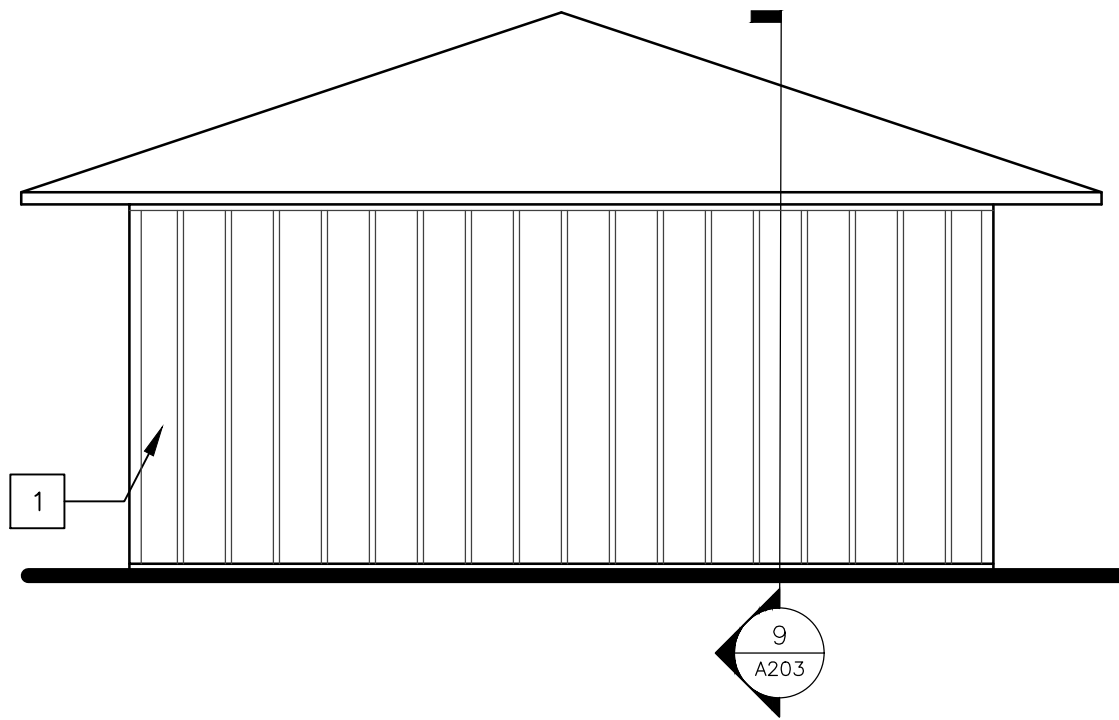
3 SOUTH ELEVATION – DEMO
SCALE: 3/16" = 1'-0"



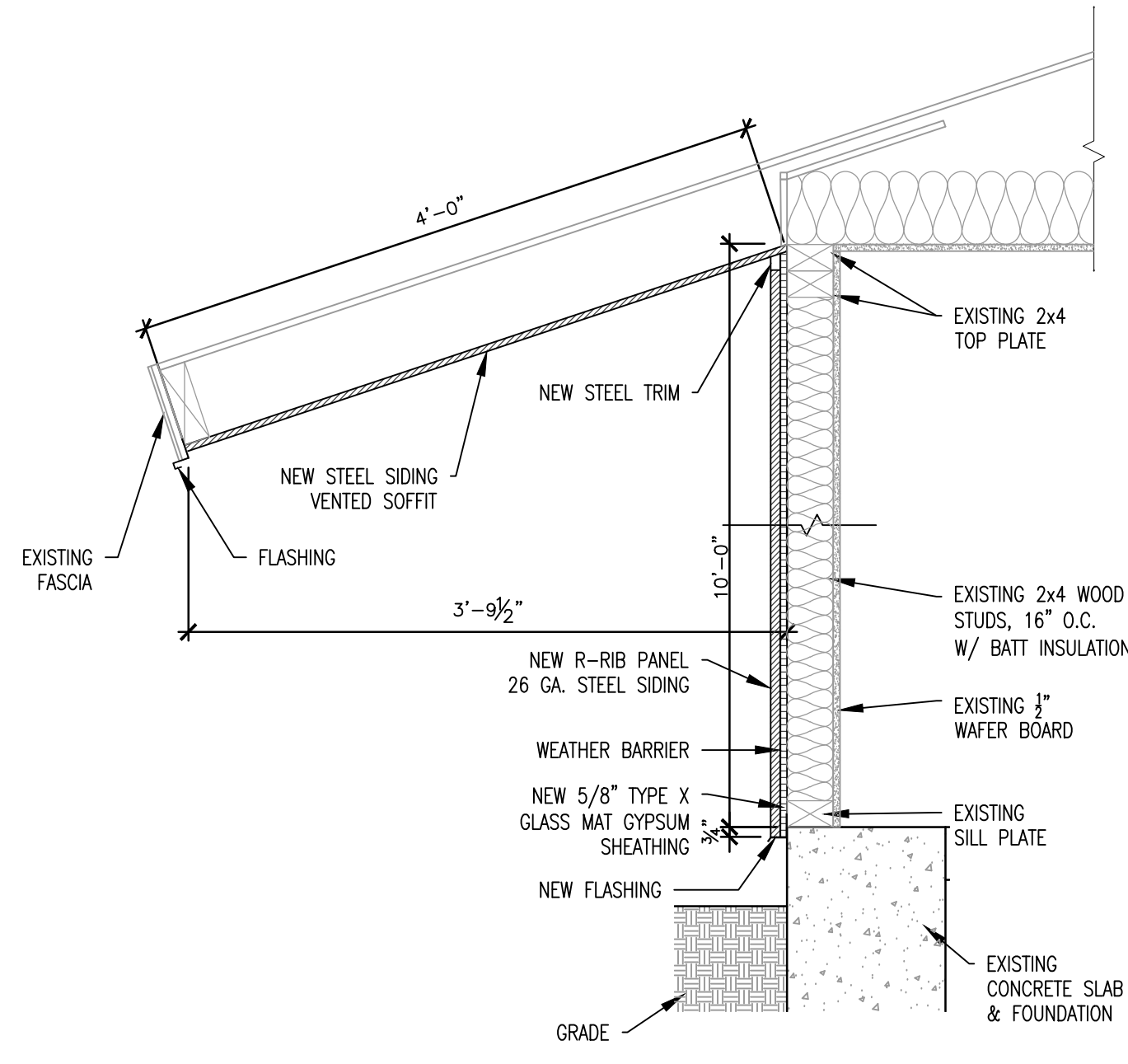
7 SOUTH ELEVATION – RENOVATION
SCALE: 3/16" = 1'-0"



4 WEST ELEVATION – DEMO
SCALE: 3/16" = 1'-0"



8 WEST ELEVATION – RENOVATION
SCALE: 3/16" = 1'-0"



9 TYP. WALL & SOFFIT SECTION – MAINT. BLDG.
SCALE: 1 1/2" = 1'-0"

- GENERAL NOTES:**
1. CONTRACTOR TO VERIFY DIMENSIONS OF EXISTING SPACE PRIOR TO BID.
 2. CONTRACTOR TO FIELD VERIFY DIMENSIONS OF EXISTING CONDITIONS AND SIDING LIMITS PRIOR TO MATERIAL PROCUREMENT AND INSTALLATION.
 3. CONTRACTOR TO TAKE MEASURES TO PROTECT EXISTING FIXTURES AND MATERIAL FROM DAMAGE DURING DEMOLITION AND INSTALLATION.
 4. ALL ADJACENT STRUCTURES TO REMAIN IN PLACE. CONTRACTOR SHALL PROTECT ANY MATERIALS INSTALLATION ABUTS UP TO OR COULD POTENTIALLY BE DAMAGED DURING INSTALLATION TO ENSURE INTEGRITY AND FINISH ARE MAINTAINED.
 5. PROJECT SITE IS TO BE KEPT CLEAN AND FREE FROM DEBRIS AT THE END OF EACH DAY.
 6. COORDINATE SCHEDULE WITH FACILITY STAFF PRIOR TO START OF WORK.

- RENOVATION KEYNOTES:**
1. INSTALL NEW SIDING TO EXTERIOR WALLS OF MAINTENANCE SHED AS SPECIFIED. INSTALL TRIM PIECES AND SOFFIT TO MATCH NEW SIDING. PREPARE WALL SURFACE AND INSTALL NEW SHEATHING AS RECOMMENDED BY SIDING MANUFACTURER FOR INSTALLATION.
 2. REINSTALL SALVAGED DOWNSPOUT TO SAME LOCATION.
 3. INSTALL NEW OUTLET AND OUTLET COVERS, FINISH TO MATCH NEW SIDING COLOR. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
 4. INSTALL NEW LIGHT FIXTURE TO SAME LOCATION. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
 5. REINSTALL SALVAGED A/C UNIT AND INSTALL NEW 2" TRIM AT ROUGH OPENING AS RECOMMENDED BY NEW SIDING MANUFACTURER.
 6. INSTALL NEW HOLLOW METAL DOOR AND FRAME, WITH NEW HARDWARE, CLOSER, AND METAL THRESHOLD. REFER TO A-602 FOR SCHEDULE AND DETAILS.
 7. INSTALL NEW INSULATED SECTIONAL STEEL DOOR WITH STANDARD TRACK ASSEMBLY. REFER TO A-602 FOR SCHEDULE AND DETAILS.

- DEMOLITION KEYNOTES:**
1. REMOVE AND DISPOSE OF EXISTING PLYWOOD SIDING, INCLUDING TRIM, AND SHEATHING DOWN TO STUDS AND REMOVE PLYWOOD SOFFIT. PROTECT EXISTING FASCIA TO REMAIN. PREPARE WALL SURFACE TO NEW SIDING MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION.
 2. REMOVE EXISTING DOWNSPOUT, SALVAGE FOR REUSE AND PROTECT FROM DAMAGE.
 3. REMOVE AND DISPOSE OF EXISTING OUTLET AND OUTLET COVERS. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
 4. REMOVE AND DISPOSE OF EXISTING LIGHT FIXTURE. VERIFY PLACEMENT OF LIGHT FIXTURE FOR NEW INSTALLATION. REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
 5. REMOVE EXISTING A/C UNIT, SALVAGE FOR REUSE AND PROTECT FROM DAMAGE VERIFY PLACEMENT OF A/C UNIT TO REINSTALL TO SAME LOCATION. REMOVE EXISTING TRIM OF THE ROUGH OPENING.
 6. REMOVE AND DISPOSE OF EXISTING WALL MOUNTED HOOK.
 7. REMOVE AND DISPOSE OF ALL EXISTING WALL PEGS.
 8. REMOVE AND DISPOSE OF EXISTING HOLLOW METAL DOOR, FRAME, HARDWARE, CLOSER, AND METAL THRESHOLD.
 9. REMOVE AND DISPOSE OF ENTIRE EXISTING SECTIONAL OVERHEAD DOOR, HOLLOW METAL FRAME, AND ATTACHED TRACK AND HARDWARE.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Brad M. Schaefer - Architect
MO# A-2009027294

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OFFICE OF ADMINISTRATION
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DEPARTMENT OF
PUBLIC SAFETY
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REPLACE WINDOWS,
SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: _____

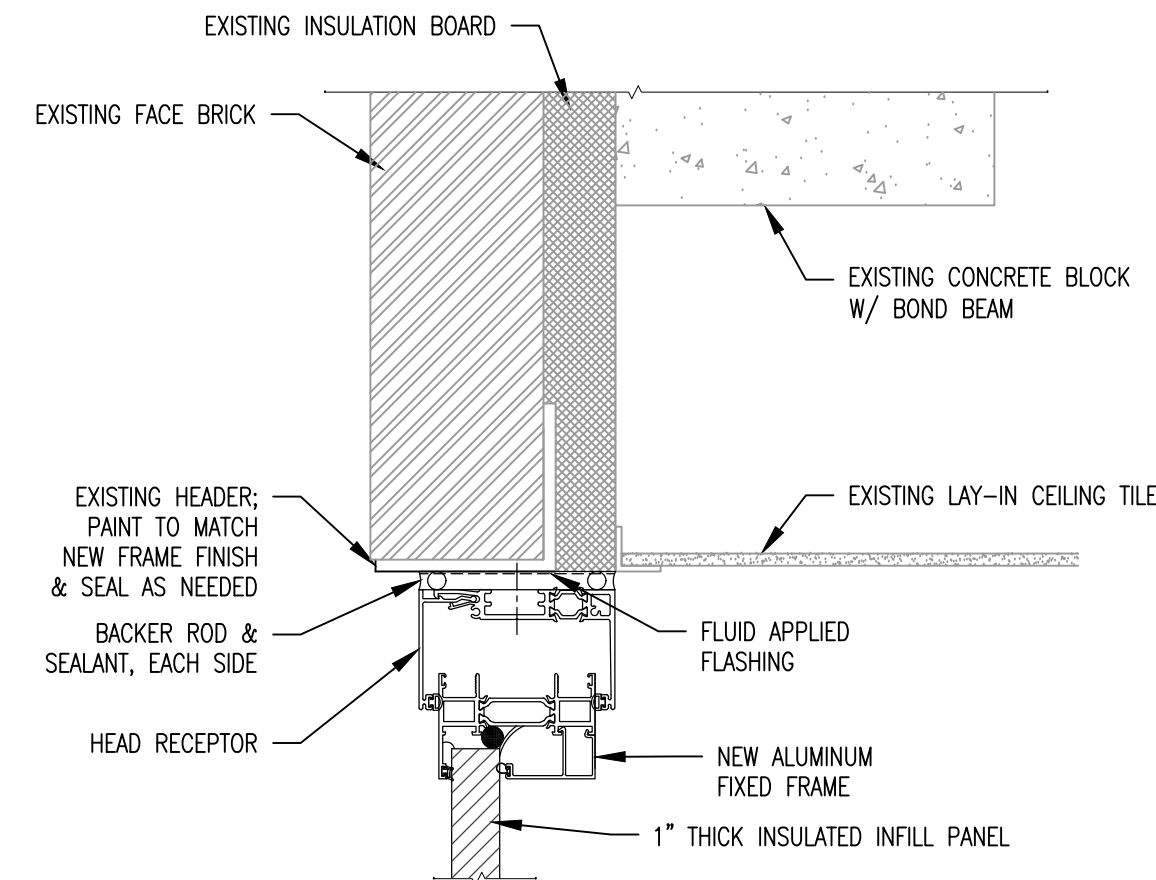
CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
MAINTENANCE BLDG.
EXTERIOR ELEVATIONS

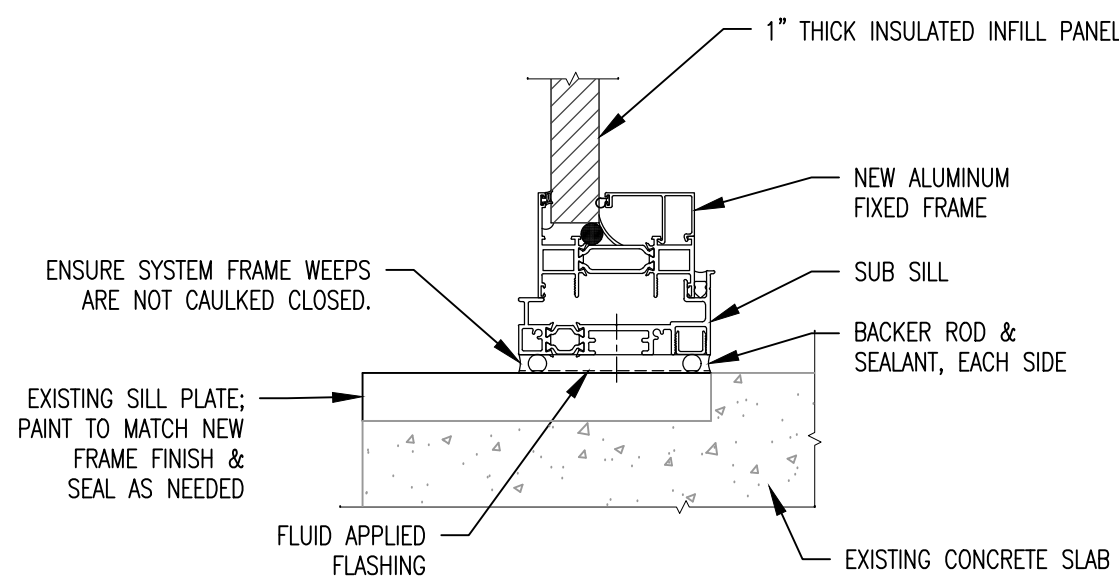
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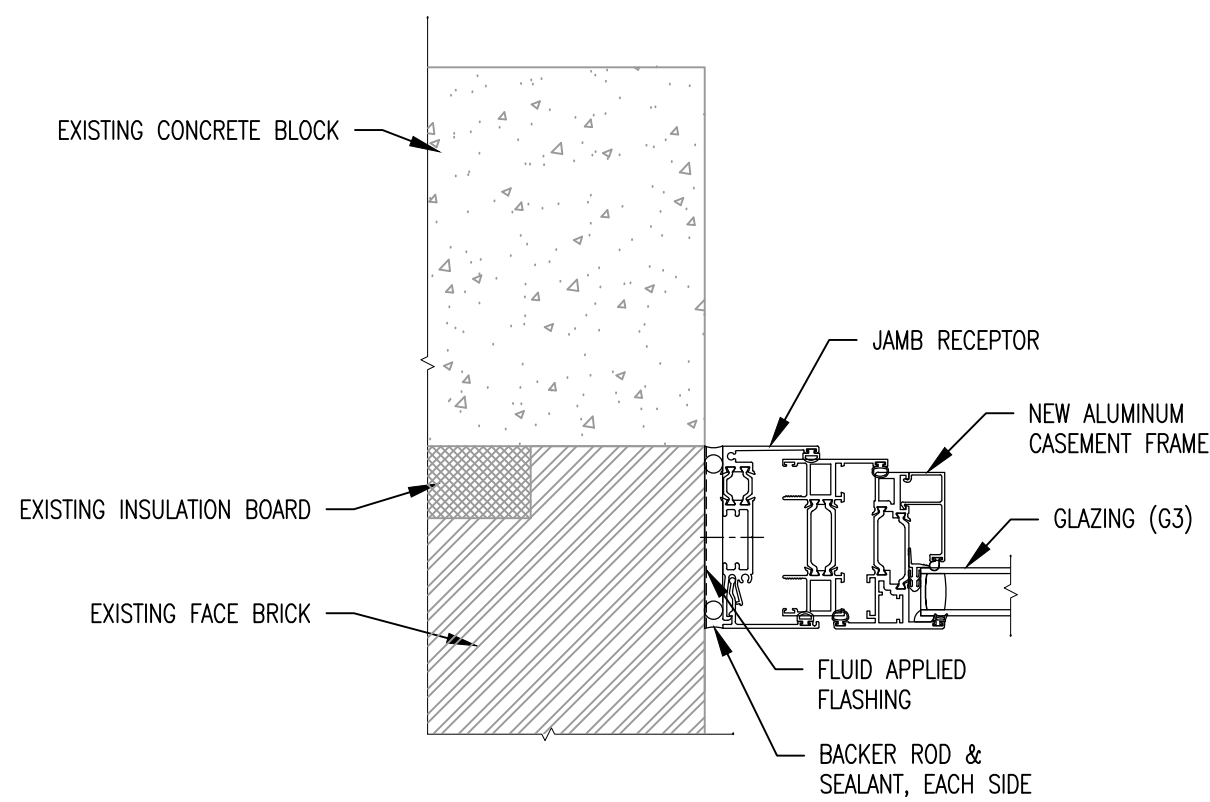
8 OF 16 SHEETS
2/7/2025



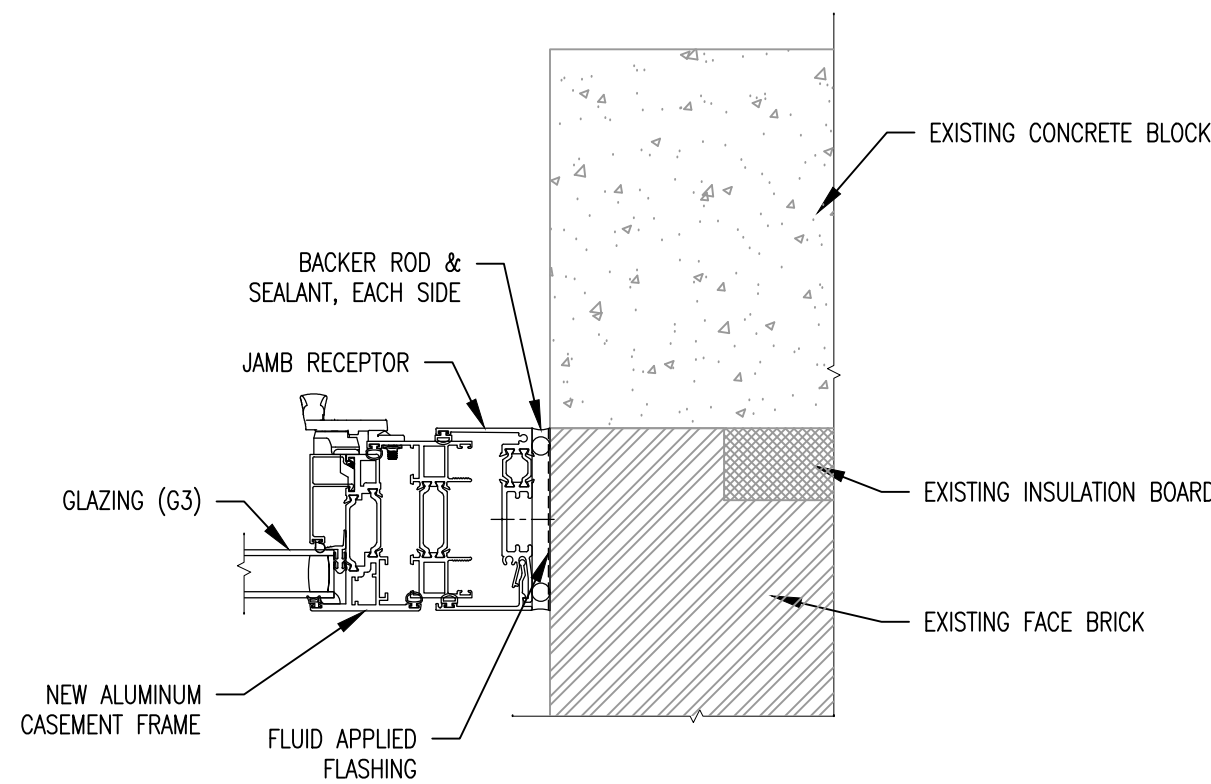
1 FIXED HEAD — TYPE A
SCALE: 3" = 1'-0"



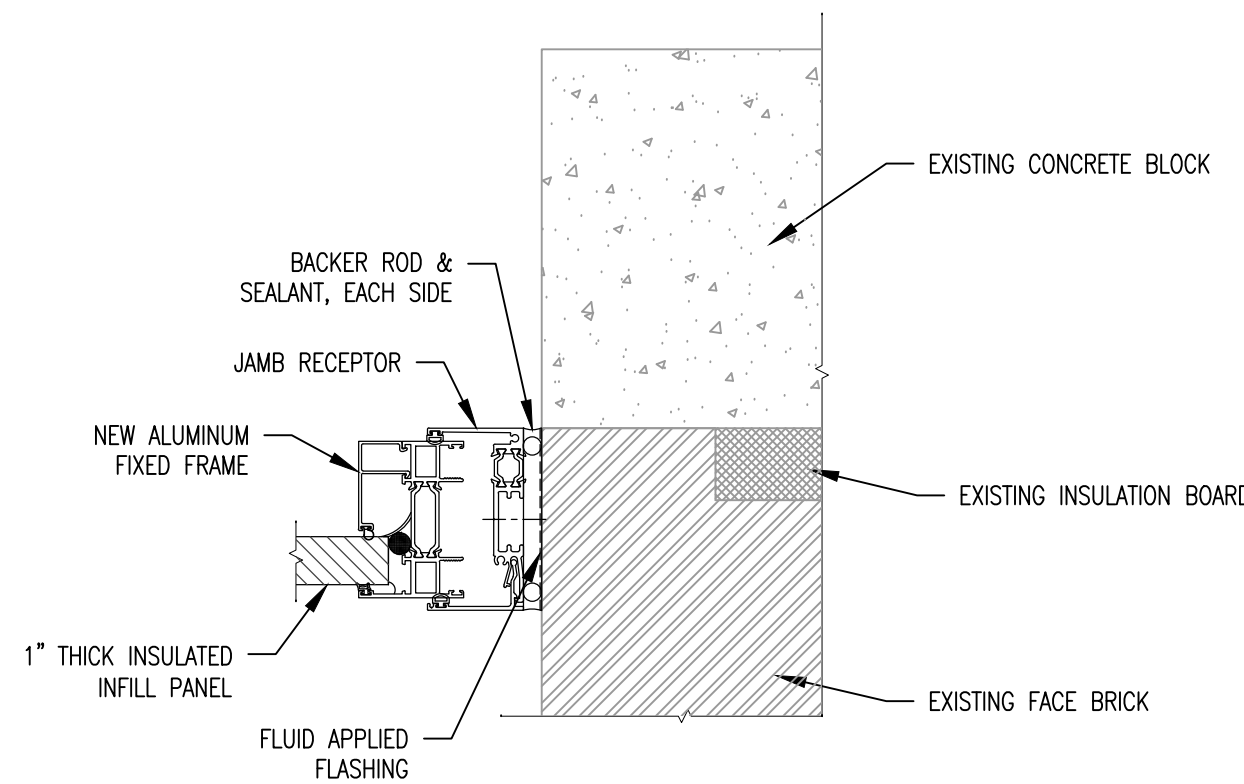
2 FIXED SILL — TYPE A
SCALE: 3" = 1'-0"



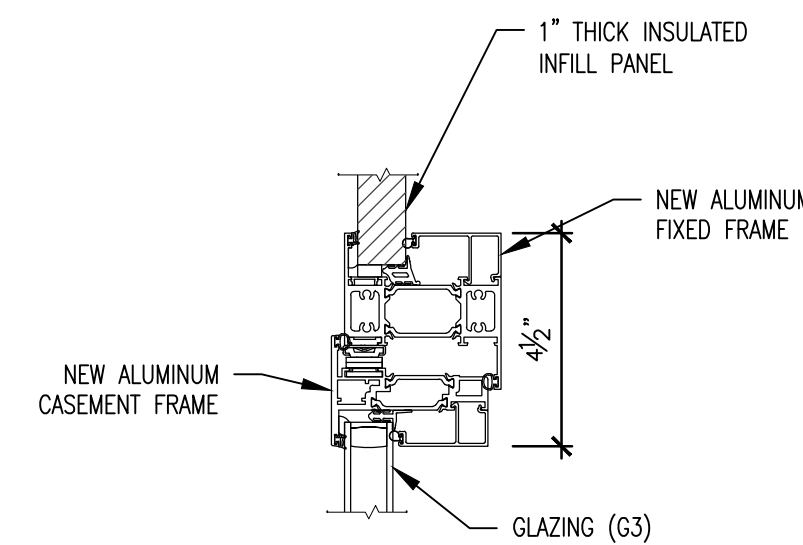
3 CASEMENT HINGE JAMB — TYPE A
SCALE: 3" = 1'-0"



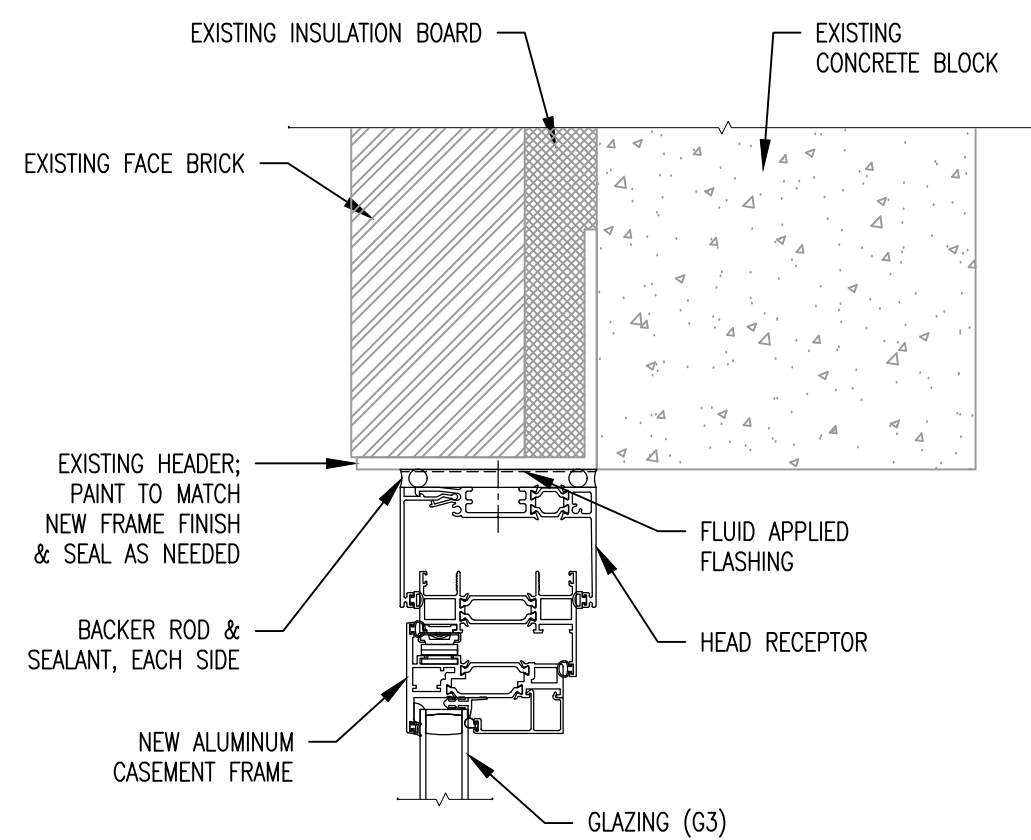
4 CASEMENT LOCK JAMB — TYPE A
SCALE: 3" = 1'-0"



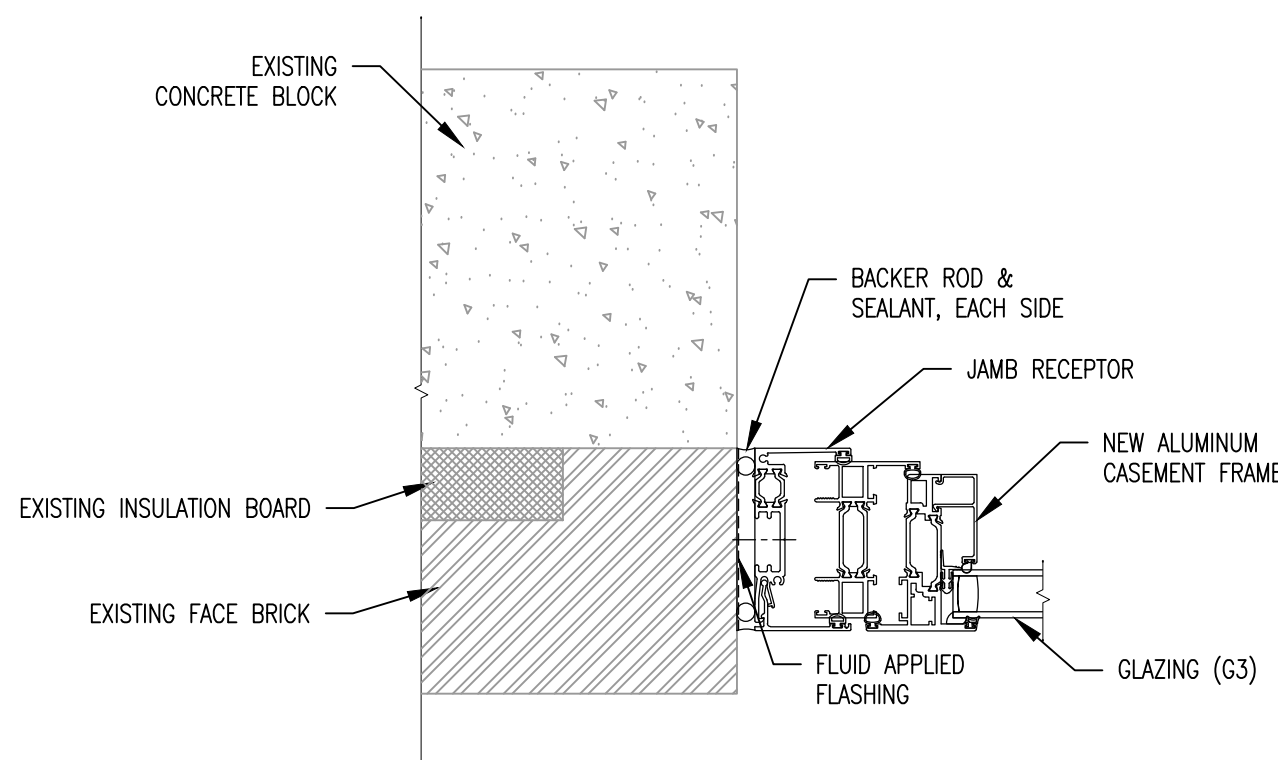
5 TYP. FIXED FRAME JAMB — TYPE A
SCALE: 3" = 1'-0"



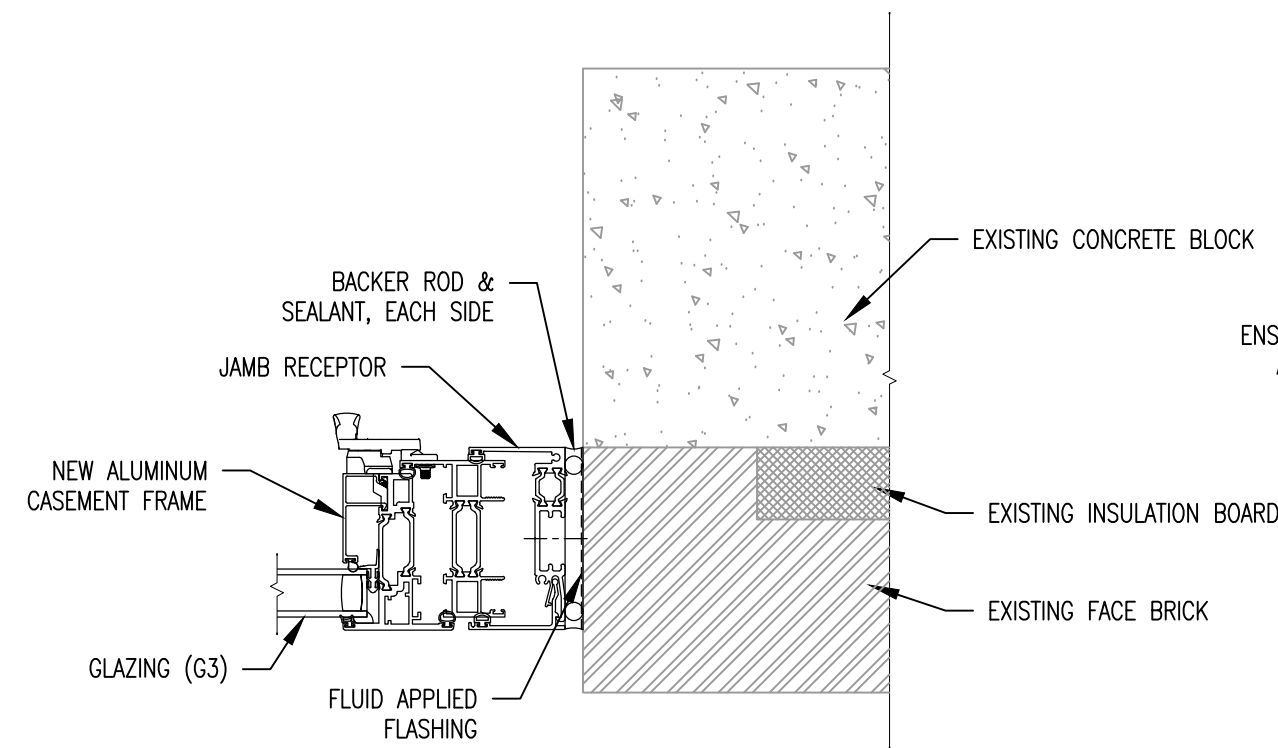
6 TYP. CASEMENT TO FIXED FRAME CONNECTION
SCALE: 3" = 1'-0"



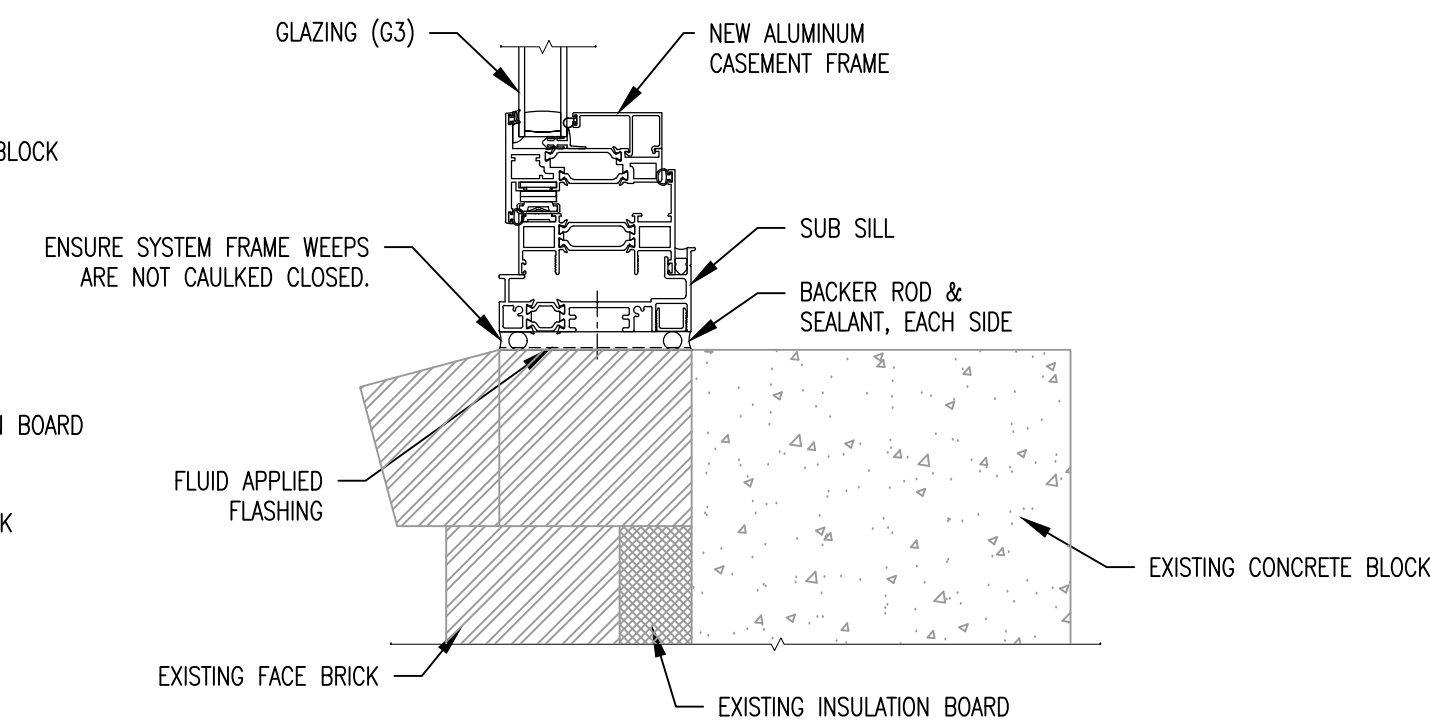
7 CASEMENT HEAD — TYPE B
SCALE: 3" = 1'-0"



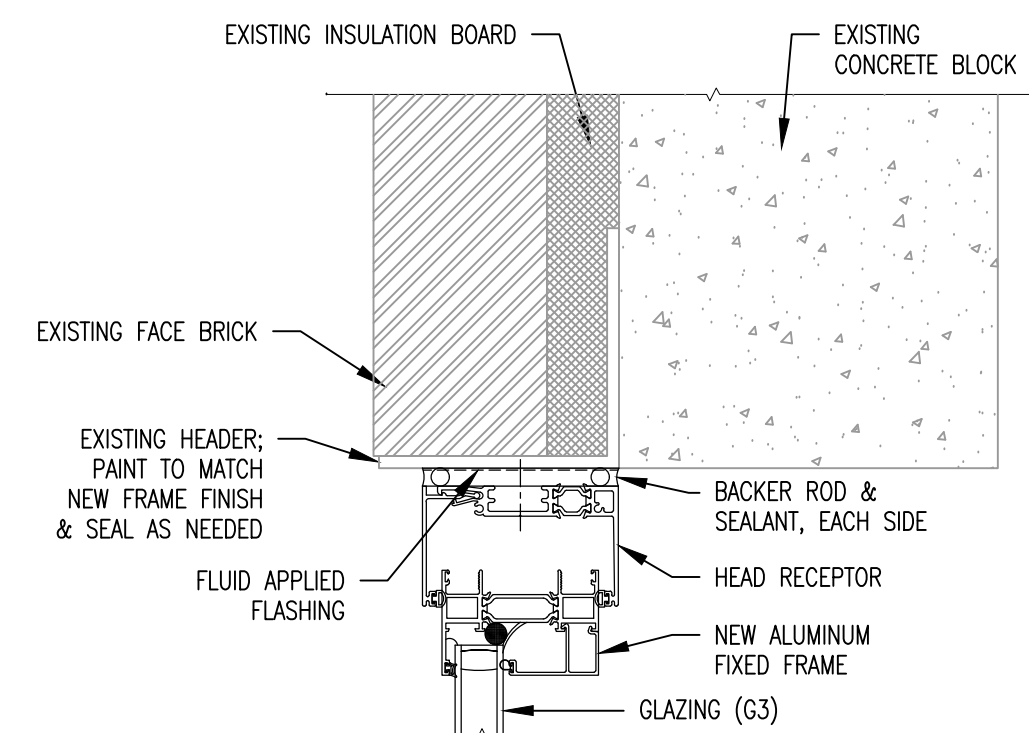
8 CASEMENT HINGE JAMB — TYPE B
SCALE: 3" = 1'-0"



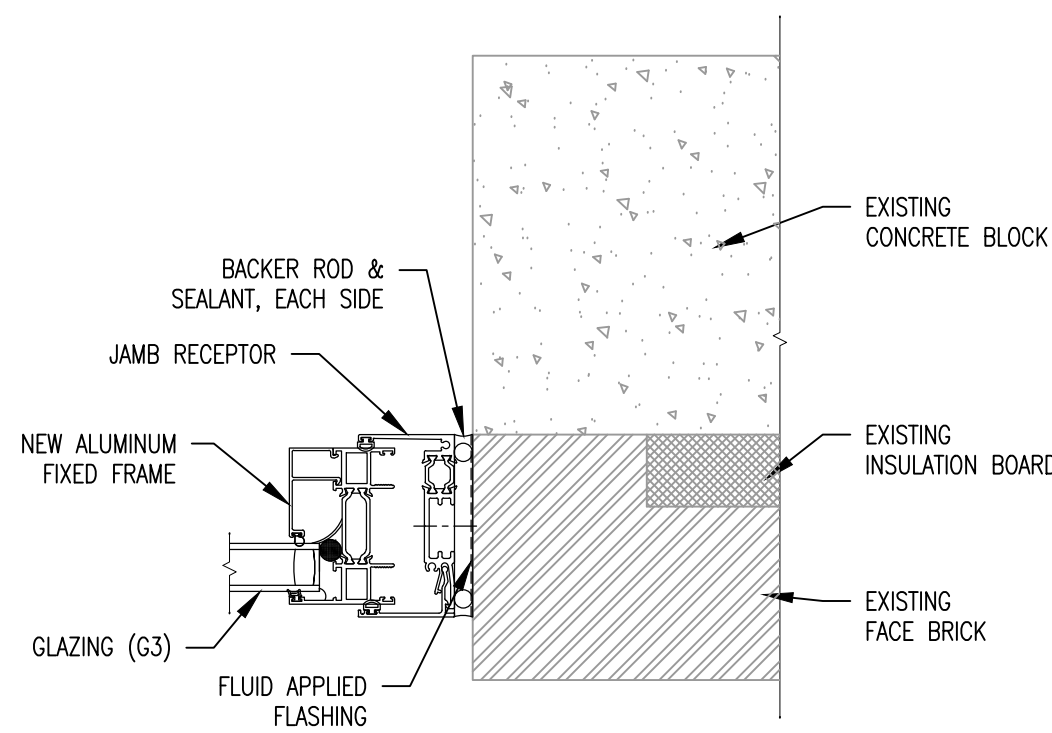
9 CASEMENT LOCK JAMB — TYPE B
SCALE: 3" = 1'-0"



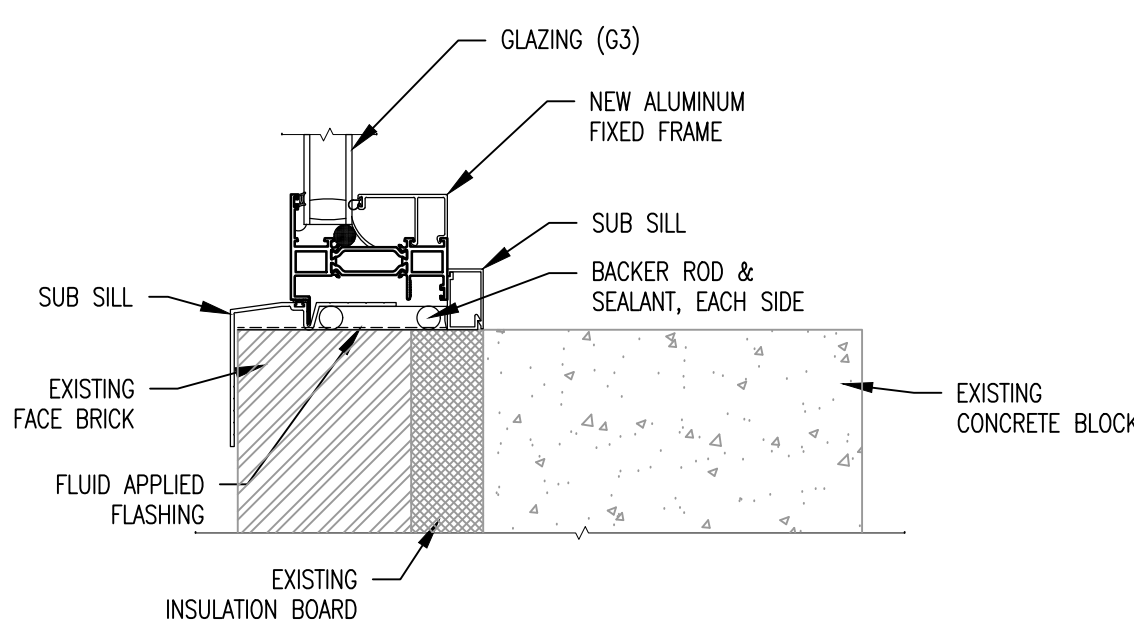
10 CASEMENT SILL — TYPE B
SCALE: 3" = 1'-0"



11 FIXED FRAME HEAD — TYPE C
SCALE: 3" = 1'-0"



12 FIXED FRAME JAMB — TYPE C
SCALE: 3" = 1'-0"



13 FIXED FRAME SILL — TYPE C
SCALE: 3" = 1'-0"

GENERAL NOTES:

1. FRAME DIMENSIONS AND CONNECTION DETAILS ARE TO BE SUBMITTED FOR APPROVAL.
2. THE FOLLOWING PRODUCTS ARE BASIS-OF-DESIGN FOR NEW FIXED AND CASEMENT WINDOW FRAMES:
 - 2.1. KAWNEER - OPTIQ AA 4325 SERIES WINDOWS.
3. REFER TO A-601 FOR DETAIL LOCATION CALLOUTS.



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REPLACE WINDOWS,
SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

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DATE: _____
ISSUE DATE: _____

CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
WINDOW FRAME
DETAILS

SHEET NUMBER:

A-501

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2/7/2025



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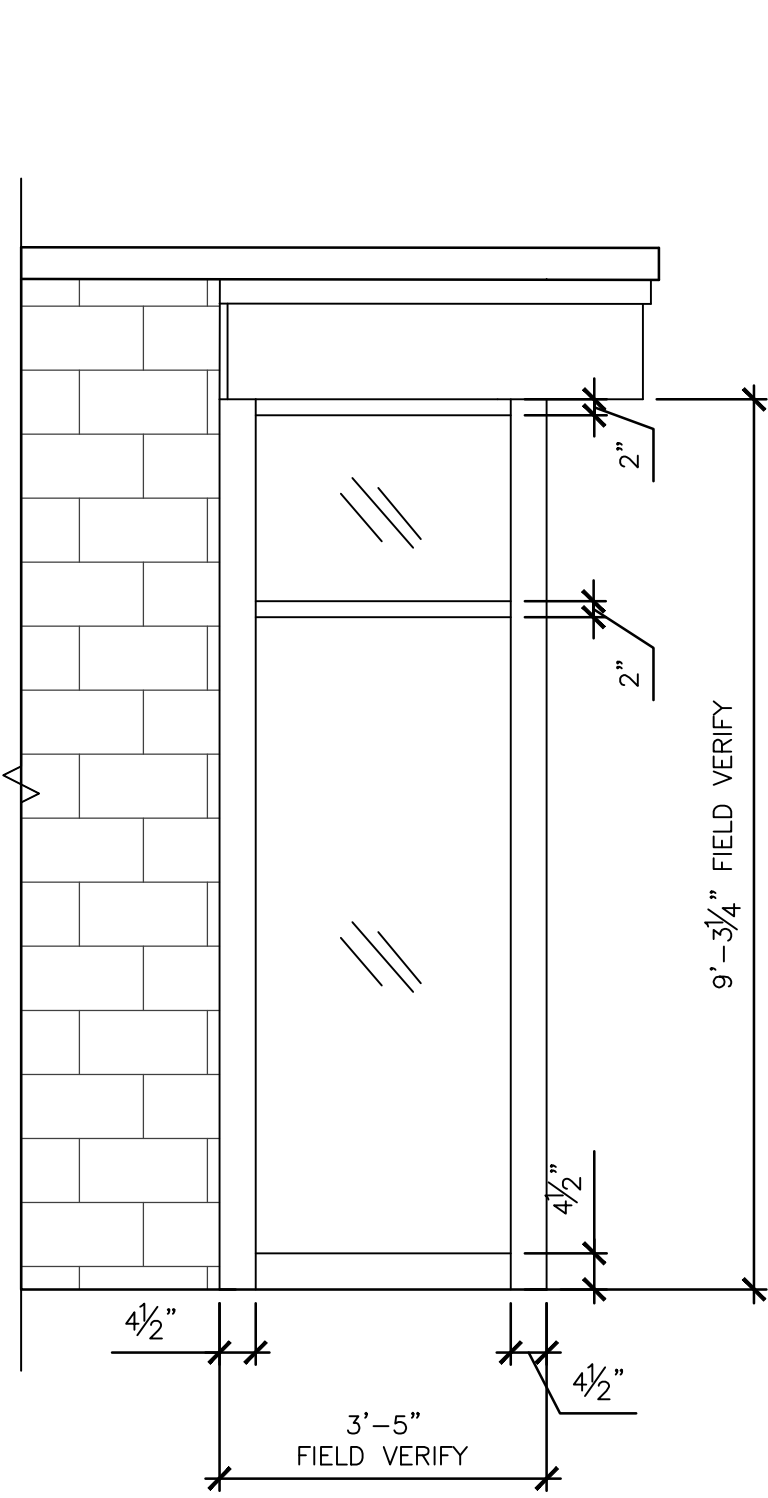
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DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
**STOREFRONT
DETAILS &
ELEVATIONS**

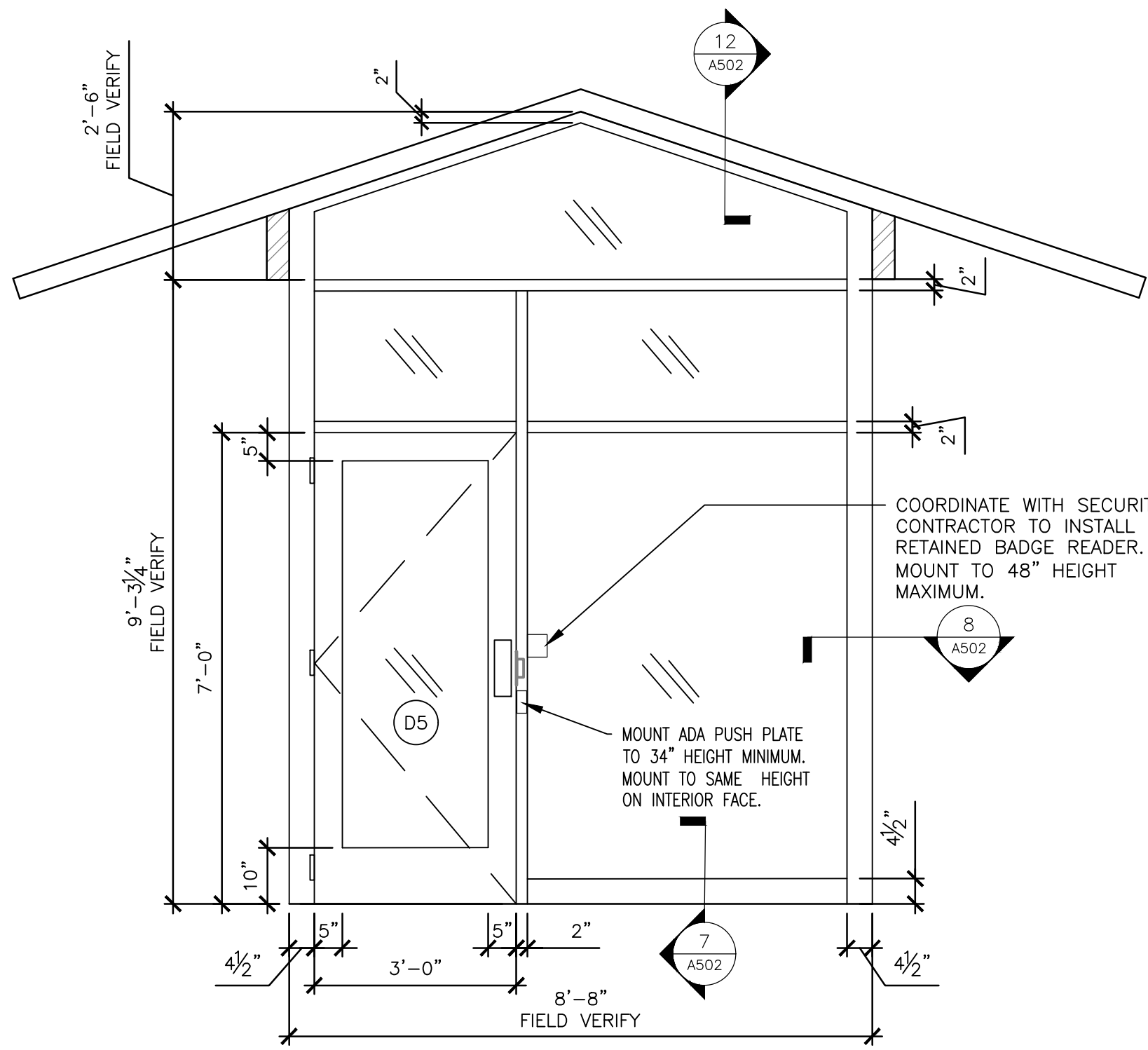
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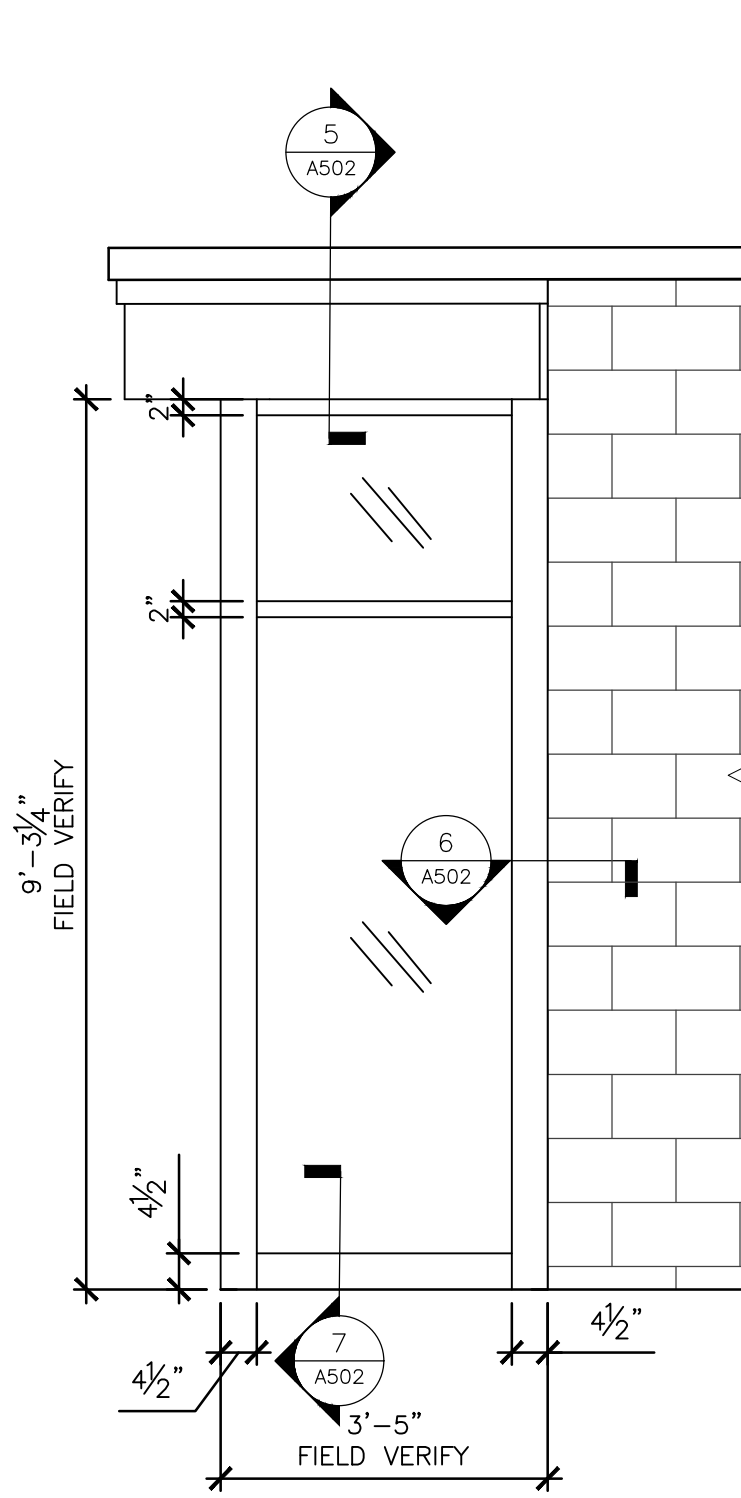
10 OF 16 SHEETS
2/7/2025



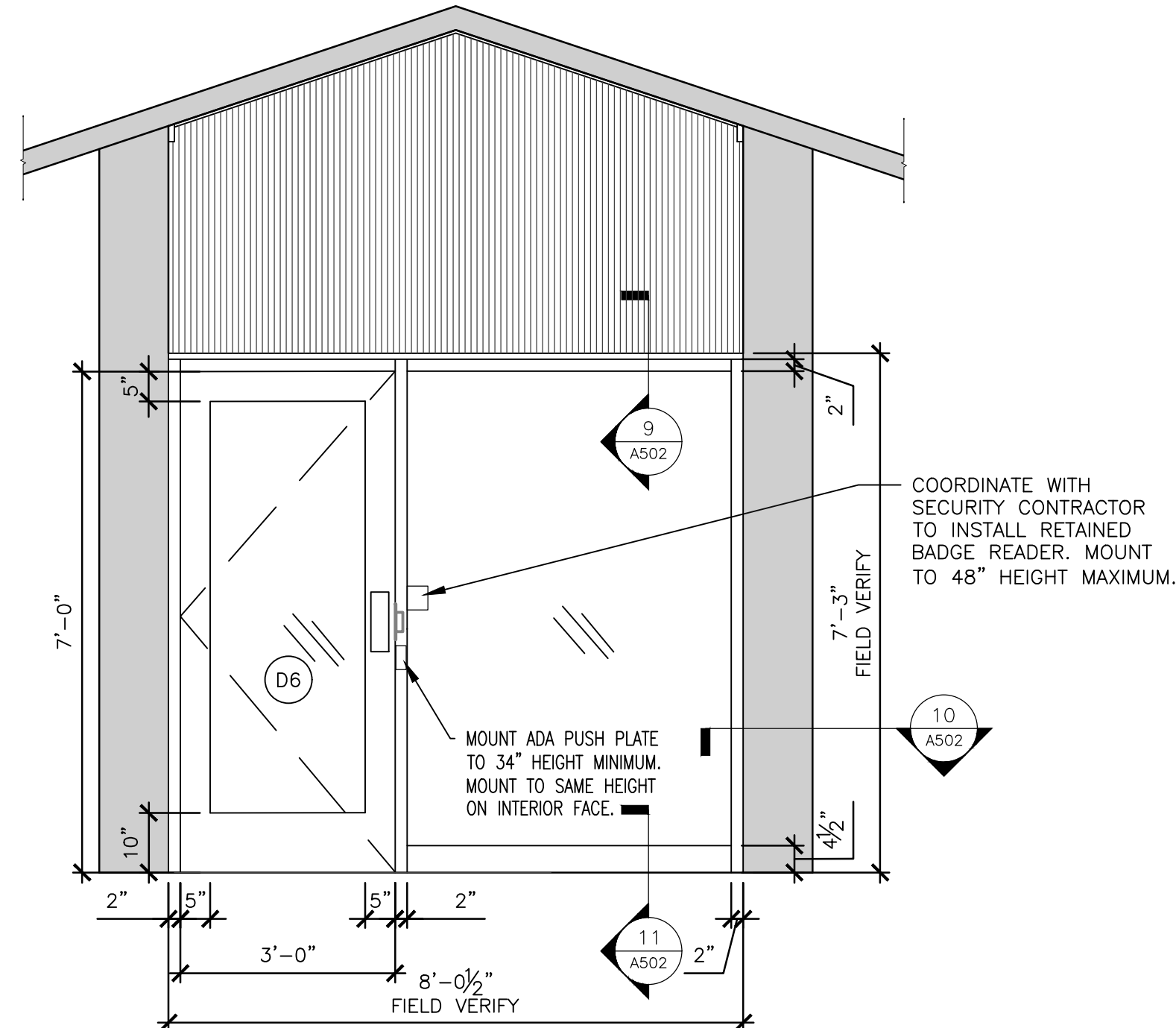
1 STOREFRONT ELEVATION
SCALE: 1/2" = 1'-0"



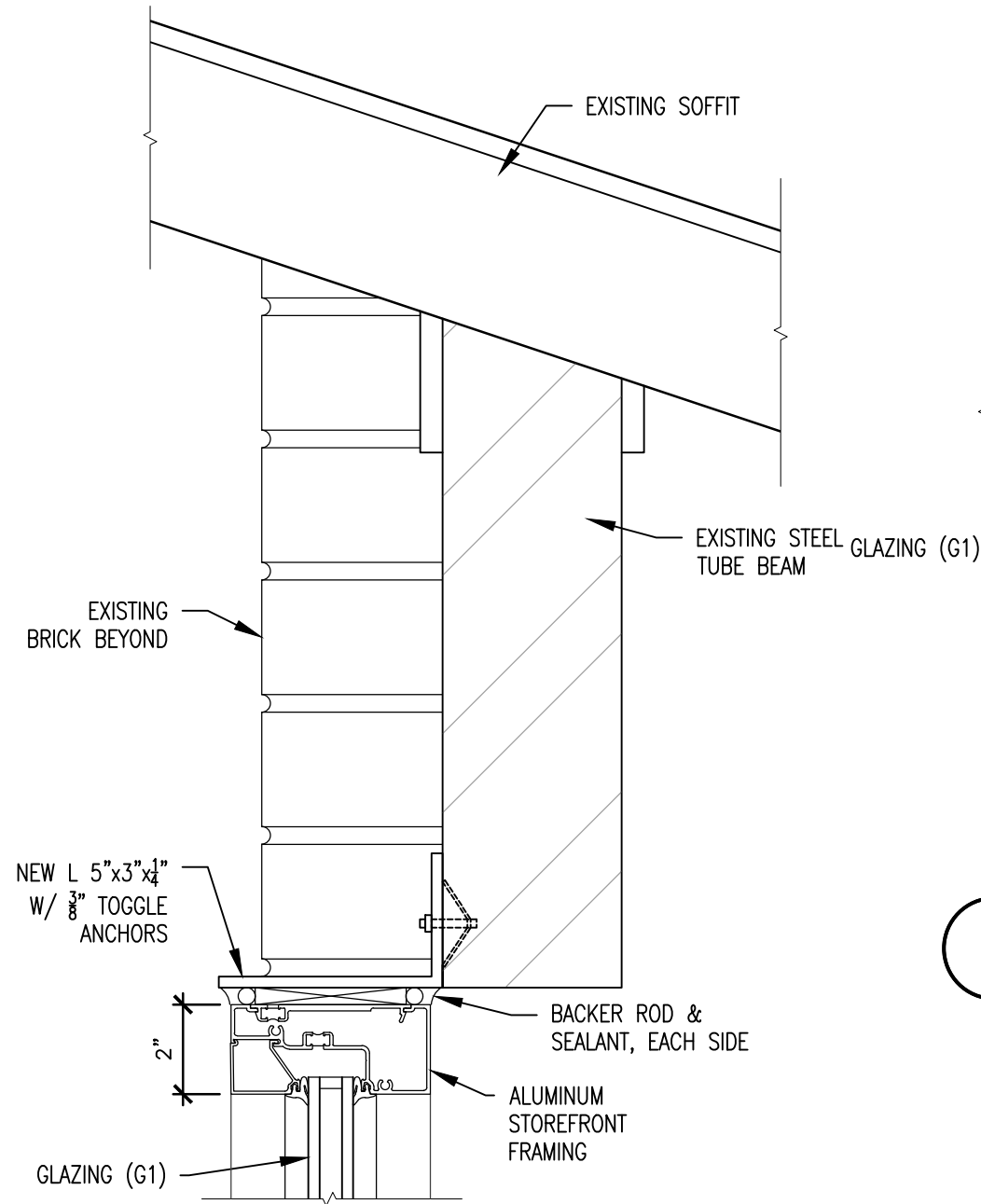
2 STOREFRONT ELEVATION
SCALE: 1/2" = 1'-0"



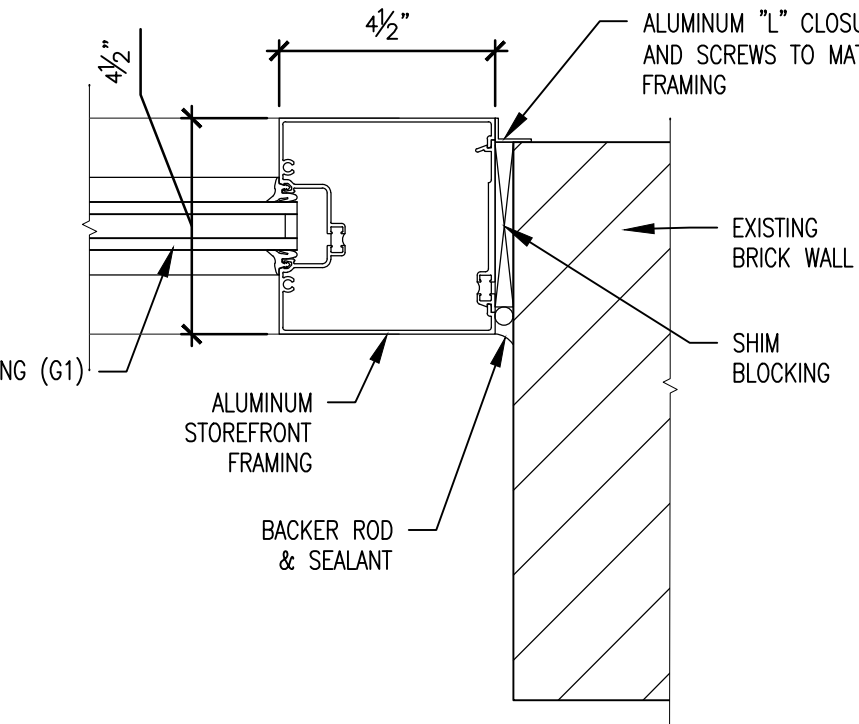
3 STOREFRONT ELEVATION
SCALE: 1/2" = 1'-0"



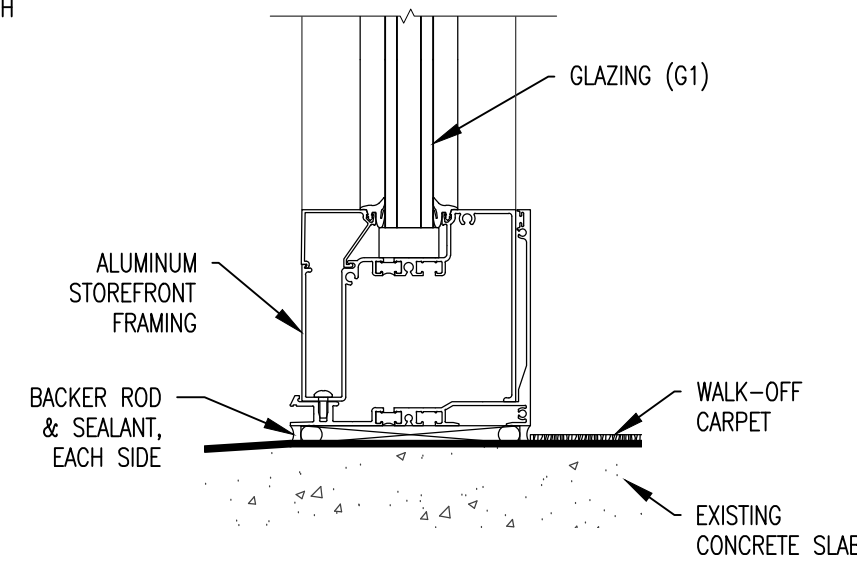
4 INTERIOR STOREFRONT ELEVATION
SCALE: 1/2" = 1'-0"



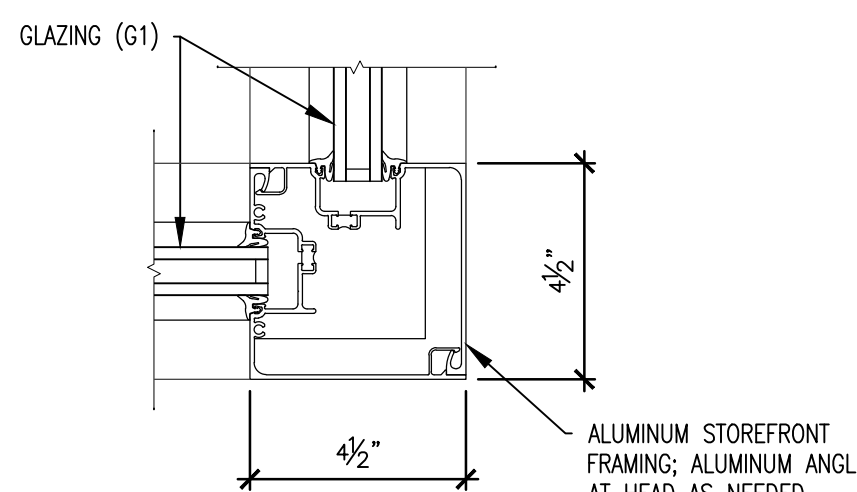
5 TYP. HEAD AT BEAM
SCALE: 3" = 1'-0"



6 TYP. JAMB AT BRICK
SCALE: 3" = 1'-0"



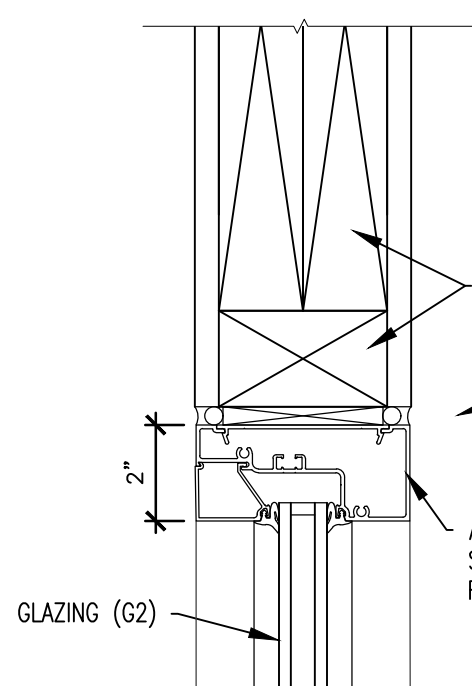
7 TYP. SILL AT EXT. VEST.
SCALE: 3" = 1'-0"



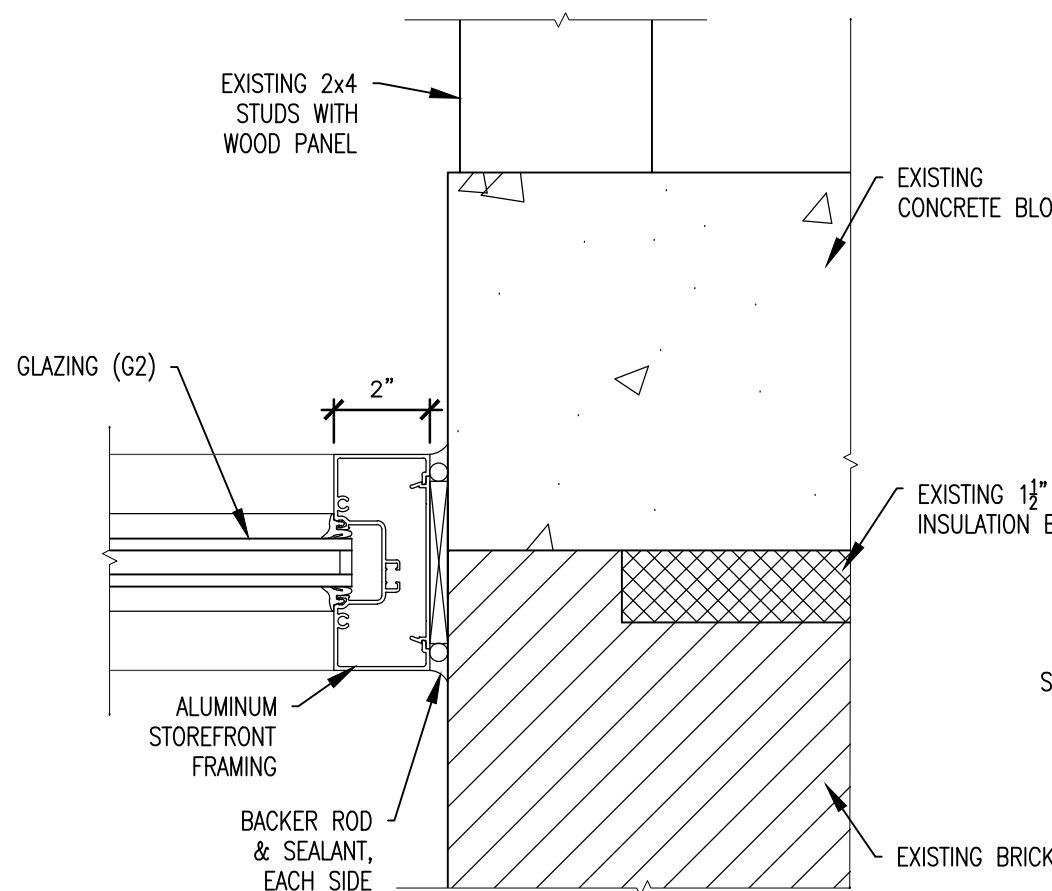
8 OUTSIDE CORNER DETAIL
SCALE: 3" = 1'-0"

PRODUCT NOTES:

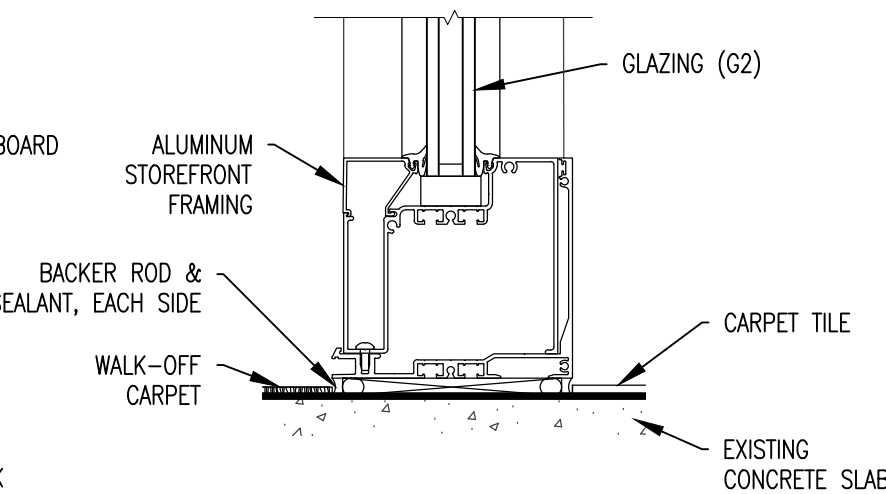
- MULLION DIMENSIONS AND CONNECTION DETAILS ARE TO BE SUBMITTED FOR APPROVAL.
- THE FOLLOWING PRODUCTS ARE BASIS-OF-DESIGN FOR NEW STOREFRONT ASSEMBLY:
 - KAWNEER - 451T THERMAL STOREFRONT FRAMING.



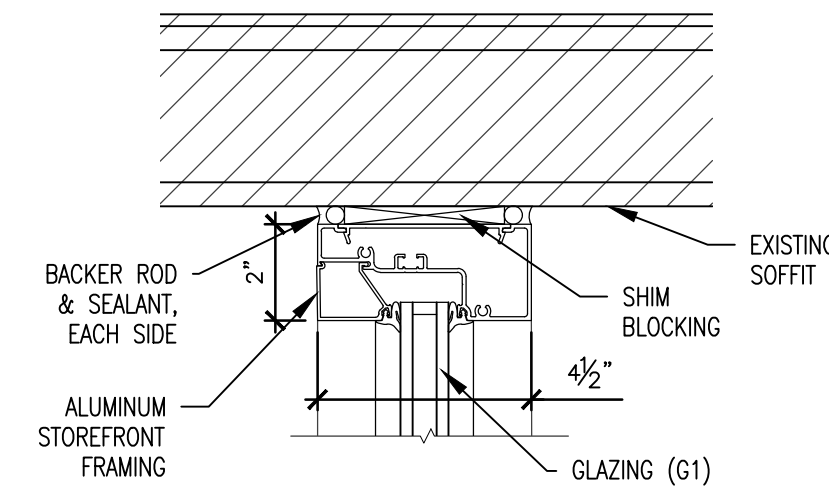
9 HEAD AT INT. VEST.
SCALE: 3" = 1'-0"



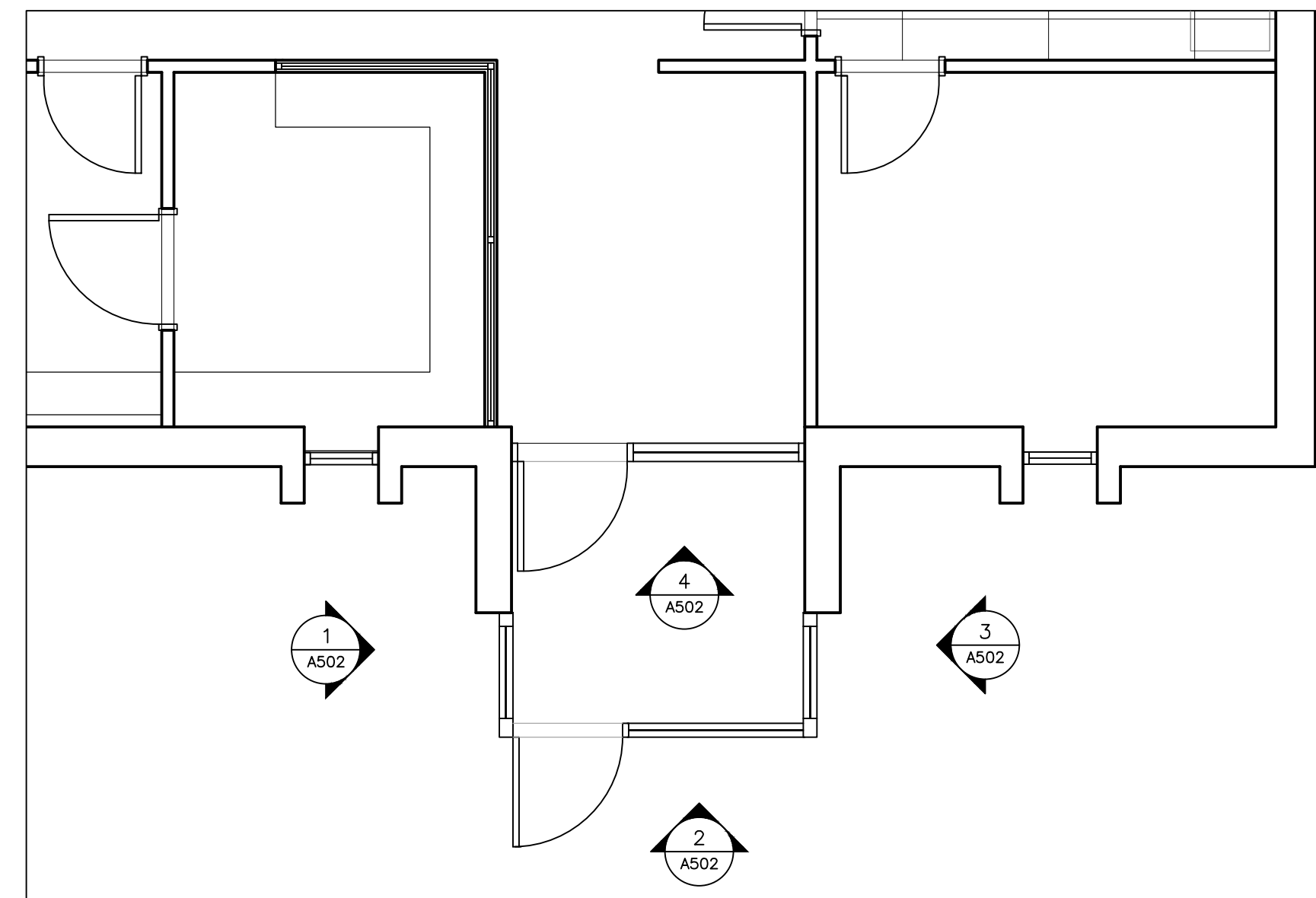
10 JAMB
SCALE: 3" = 1'-0"



11 SILL AT INT. VEST.
SCALE: 3" = 1'-0"



12 HEAD AT SOFFIT
SCALE: 3" = 1'-0"



13 KEYPLAN
SCALE: 1/2" = 1'-0"



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PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

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DATE: _____
ISSUE DATE: _____

CAD DWG FILE: A-R2321-01
DRAWN BY: RG/CL
CHECKED BY: BMS
DESIGNED BY: CL

SHEET TITLE:
SCHEDULES

SHEET NUMBER:

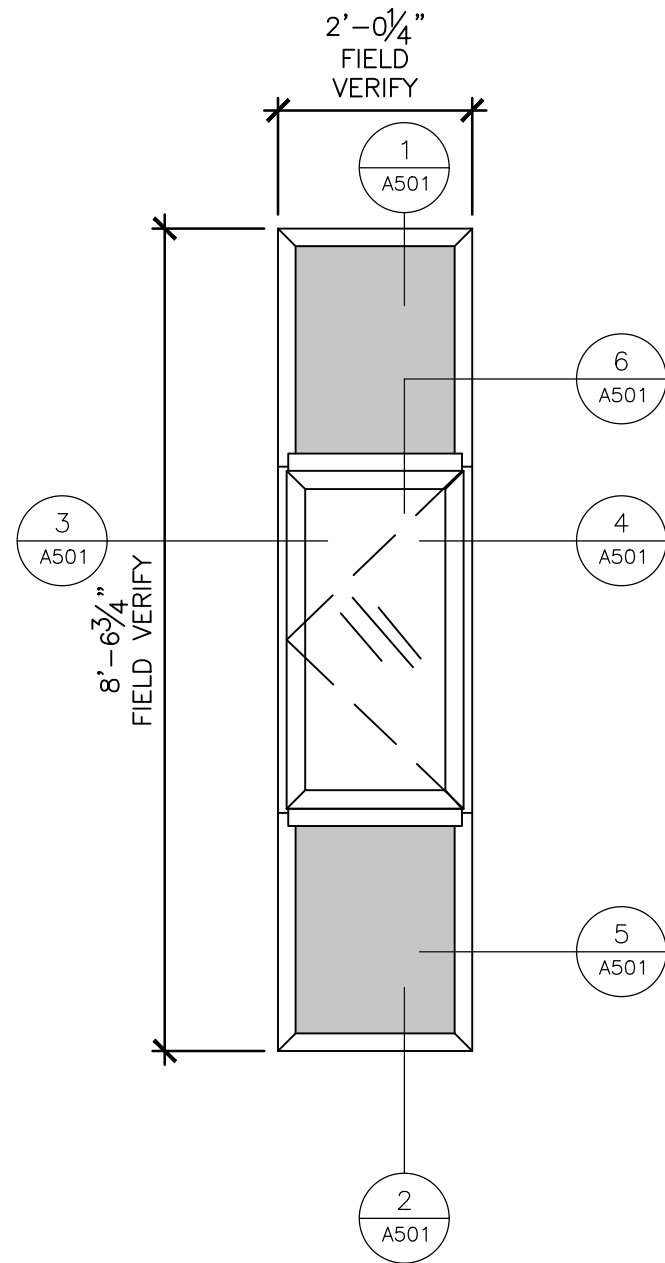
A-601

11 OF 16 SHEETS
2/7/2025

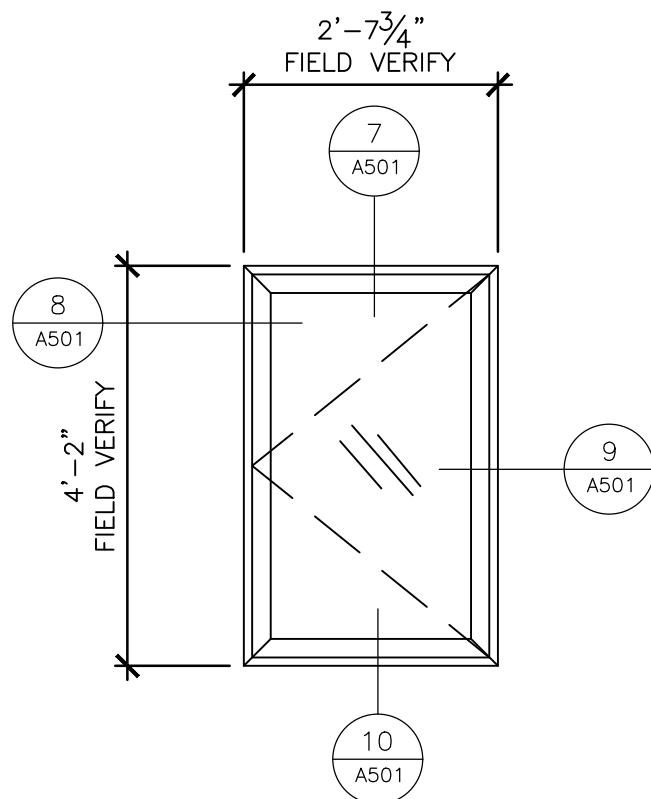
DOOR & FRAME SCHEDULE										
MARK	LOCATION	DOOR				FRAME			HRDWR SET	NOTES
		SIZE	MATL	GLAZING	TYPE	FINISH	MATL	TYPE	FINISH	
D1	GARAGE	7'-0" X 3'-0"	H.M. & GL	TEMPERED	A	MATCH EXIST.	H.M.	A	MATCH EXIST.	1, 2, 3, 5, 6
D2	MAINT. BLDG.	7'-0" X 3'-0"	H.M.	--	B	MATCH ADJ.	H.M.	B	MATCH ADJ.	4, 5, 6
D3	MAINT. BLDG.	8'-0" X 10'-0"	STEEL	--	C	MATCH ADJ.	--	--	MATCH ADJ.	6
D4	MAINT. BLDG.	8'-0" X 10'-0"	STEEL	--	C	MATCH ADJ.	--	--	MATCH ADJ.	6
D5	VEST. EXT.	7'-0" X 3'-0"	ALUM & GL	TEMPERED & TINTED	STORE-FRONT	MATCH EXIST.	ALUM	STORE-FRONT	MATCH EXIST.	1, 5, 6
D6	VEST. INT.	7'-0" X 3'-0"	ALUM & GL	TEMPERED	STORE-FRONT	MATCH EXIST.	ALUM	STORE-FRONT	MATCH EXIST.	1, 5, 6
NOTES 1. REUSE EXISTING ELECTRONIC ACCESS CONTROLS. PROTECT FROM DAMAGE. 2. REUSE EXISTING DOOR ALARM. PROTECT FROM DAMAGE. 3. EXTERIOR, 10"x10" LITE. 4. EXTERIOR, FLUSH. 5. PROVIDE NEW THRESHOLD. 6. DOOR SIZES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ROUGH OPENING REQUIREMENTS PRIOR TO ORDERING DOORS & FRAMES.										

DOOR HARDWARE LEGEND										
HARDWARE SET 1: SINGLE DOOR W/ ACCESS CONTROL. LOCATION: GARAGE. 3 HINGES 1 ELECTRIFIED LOCKSET - CONNECT TO EXISTING ACCESS CONTROLS 1 CYLINDRICAL LEVER HANDLE, RHR, 7-PIN CORE 1 DOOR CLOSER 1 LATCH GUARD (EXTERIOR SIDE) 1 KICK PLATE 12" X 34" (INTERIOR SIDE) 1 KEYPAD/CARD READER - PROVIDED BY OWNER										
HARDWARE SET 2: SINGLE DOOR W/ STORAGE. LOCATION: MAINTENANCE BUILDING. 3 HINGES 1 CYLINDRICAL LEVER HANDLE, STOREROOM FUNCTION, LHR, 7-PIN CORE 1 DOOR CLOSER 1 KICK PLATE 12" X 34" (INTERIOR SIDE)										
HARDWARE SET 3: SECTIONAL OVERHEAD DOOR, INSULATED. LOCATION: MAINTENANCE BUILDING. MANUFACTURER'S STANDARD HARDWARE KIT INCLUDING LIFT HANDLE AND LOCK FUNCTION.										
HARDWARE SET 4: SINGLE STOREFRONT DOOR W/ ACCESS CONTROLS LOCATION: ENTRY VESTIBULE, LOBBY. 3 HINGES 1 ELECTRIFIED LOCKSET 1 PUSH/PULL HANDLE 1 EXIT PUSH PADDLE 1 DOOR CLOSER 1 CARD READER - PROVIDED BY OWNER										
NOTE: COORDINATE WITH OWNER FOR KEYING. MOUNT OPERABLE PARTS BETWEEN 34" MINIMUM AND 48" MAXIMUM HEIGHT, FOR ADA COMPLIANCE.										

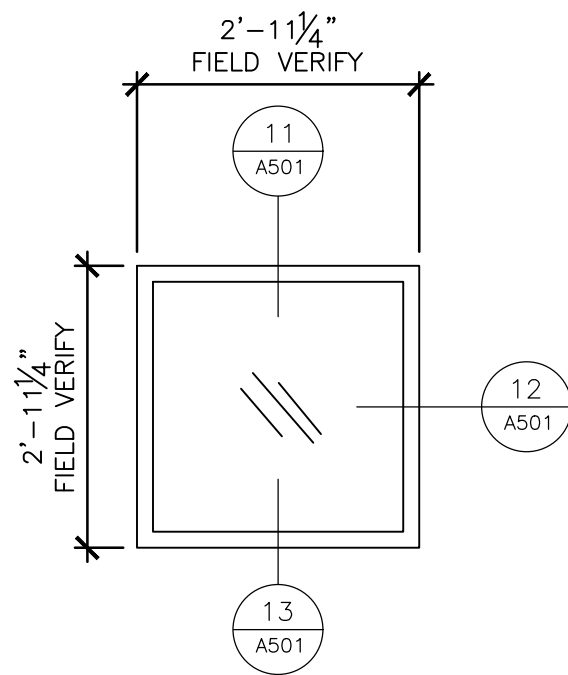
FLOOR FINISH SCHEDULE			
ROOM NUMBER	ROOM NAME	FLOOR	BASE
100	ENTRY VESTIBULE	WOT	N/A
101	LOBBY	CPT	VINYL
102	CORRIDOR	CPT	VINYL
102A	CLOSET	CPT	VINYL
103	CONFERENCE ROOM	LVT	VINYL
103A	CLOSET	LVT	VINYL
104	C.V.E.T. OFFICE	CPT	VINYL
105	OFFICE	CPT	VINYL
106	SUPERVISOR OFFICE	CPT	VINYL
107	RESTROOM	LVT	VINYL
108	RESTROOM	LVT	VINYL
109	SUPPLY ROOM	CPT	VINYL
110	SPECIAL ENFORCEMENT OFFICE	CPT	VINYL
111	RECEPTION	CPT	VINYL
FLOOR FINISH LEGEND: WOT: WALK-OFF TILE CARPET CPT: CARPET TILE LVT: LUXURY VINYL TILE			



A WINDOW TYPE A
SCALE: 1/2" = 1'-0"



B WINDOW TYPE B
SCALE: 1/2" = 1'-0"



C WINDOW TYPE C
SCALE: 1/2" = 1'-0"

WINDOW SCHEDULE							
MARK	ROOM	TYPE	SIZE	FRAME MATL	FRAME FINISH	WINDOW TREATMENT	NOTES
W1	112	A	2'- $\frac{3}{4}$ " x 8'-6 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 4, 7
W2	110	A	2'- $\frac{3}{4}$ " x 8'-6 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 4, 7
W3	111	A	2'- $\frac{3}{4}$ " x 8'-6 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 4, 7
W4	104	A	2'- $\frac{3}{4}$ " x 8'-6 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 4, 7
W5	103	A	2'- $\frac{3}{4}$ " x 8'-6 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 4, 7
W6	106	A	2'- $\frac{3}{4}$ " x 8'-6 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 4, 7
W7	114	B	2'-7 $\frac{3}{8}$ " x 4'-2"	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 3, 5, 7
W8	114	C	2'-11 $\frac{3}{4}$ " x 2'-11 $\frac{3}{4}$ "	ALUM	DARK BRONZE	MANUAL CORDLESS ROLLER SHADE	1, 2, 6, 7
NOTES 1. CONTRACTOR SHALL VERIFY ROUGH OPENING REQUIREMENTS PRIOR TO ORDERING WINDOWS. 2. WINDOW SIZES NOTED ABOVE ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE ACTUAL SIZE BASED ON FRAMING PRIOR TO ORDERING. 3. PROVIDE INSECT SCREENS AT ALL OPERABLE PORTIONS OF WINDOWS. 4. FIXED FRAME WITH INSULATED INFILL PANEL ABOVE AND BELOW OUTSWING CASEMENT FRAME WITH CLEAR GLAZING. PAINT INTERIOR SIDE OF INFILL PANEL. 5. OUTSWING CASEMENT FRAME WITH CLEAR GLAZING. 6. FIXED FRAME WITH CLEAR GLAZING. 7. PAINT INTERIOR SIDE OF FRAME. COLOR TO BE SELECTED BY OWNER.							

1 WINDOW TYPE SCHEDULE
SCALE: 1/2" = 1'-0"



Brad M. Schaefer - Architect
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DEPARTMENT OF
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REPLACE WINDOWS,
SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

REVISION: _____
DATE: _____
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ISSUE DATE: _____

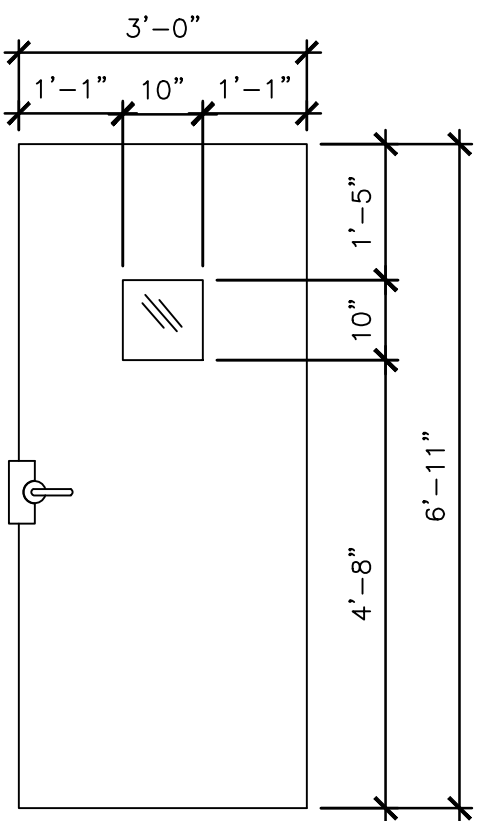
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DRAWN BY: RG/CL
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DESIGNED BY: CL

SHEET TITLE:
DOOR SCHEDULE
& DETAILS

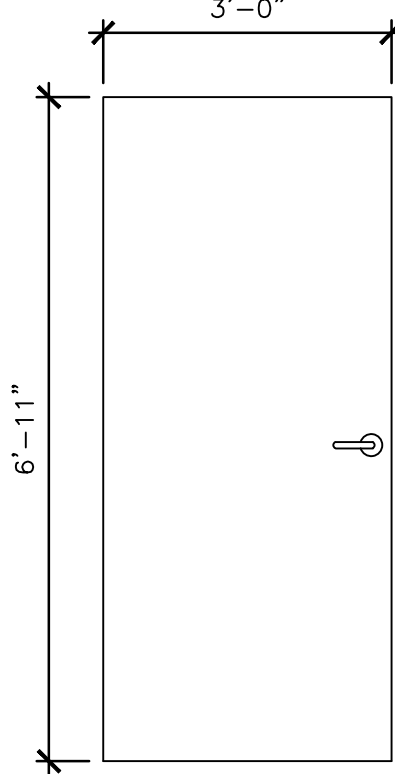
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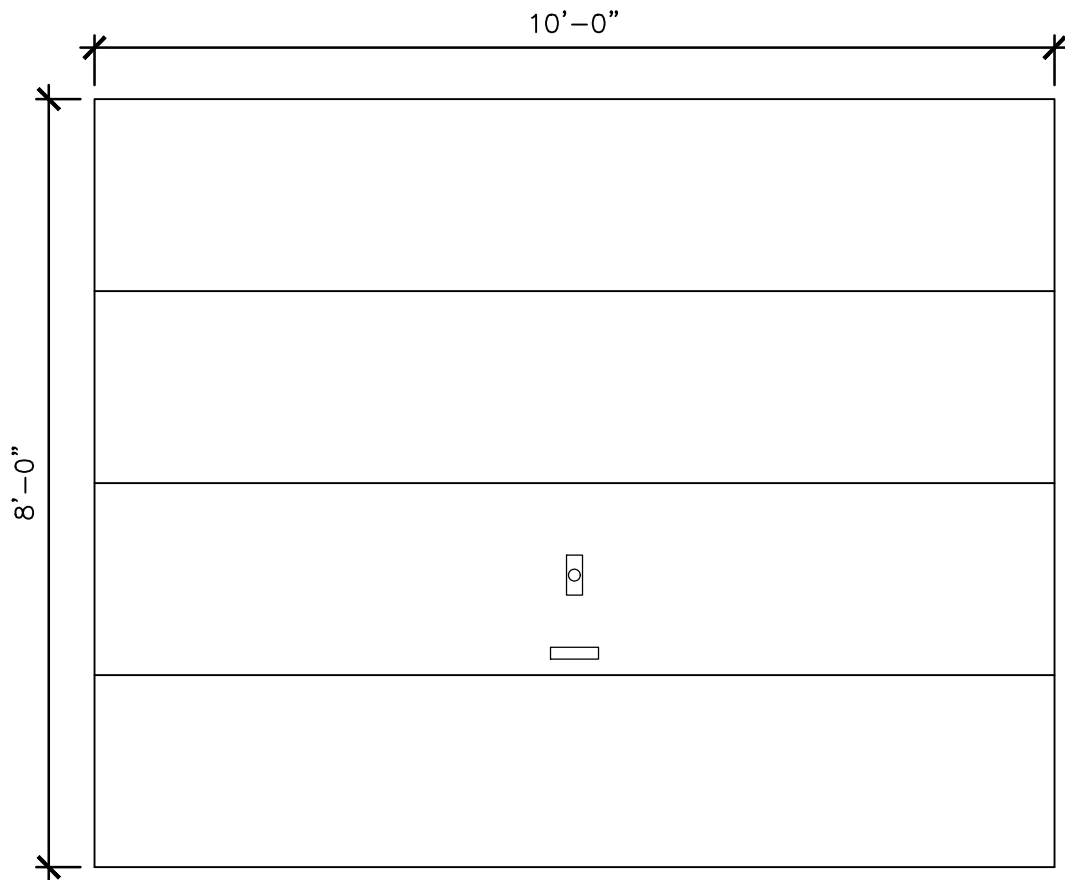
12 OF 16 SHEETS
2/7/2025



A DOOR TYPE A
SCALE: 1/2" = 1'-0"

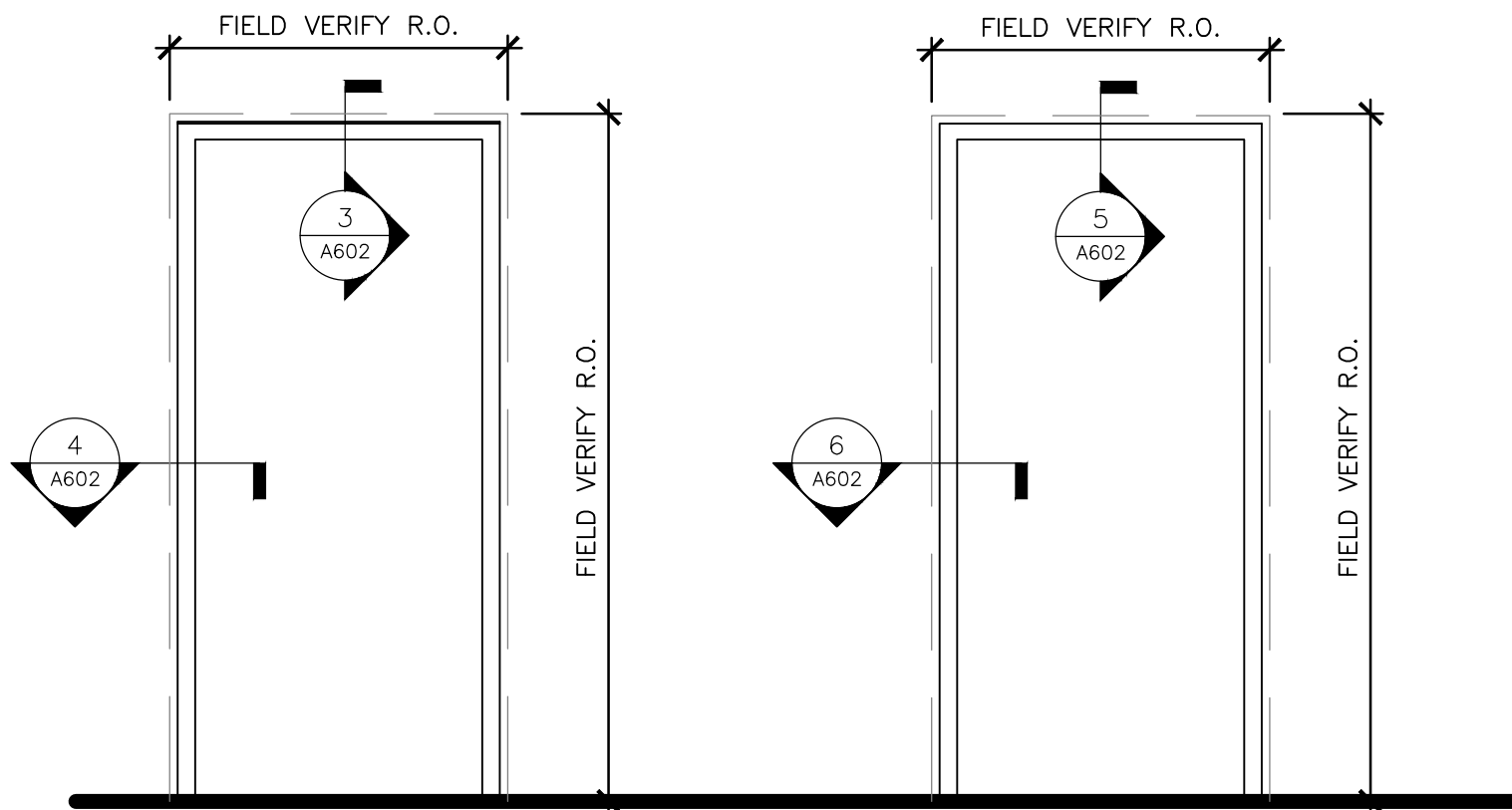


B DOOR TYPE B
SCALE: 1/2" = 1'-0"



C DOOR TYPE C
SCALE: 1/2" = 1'-0"

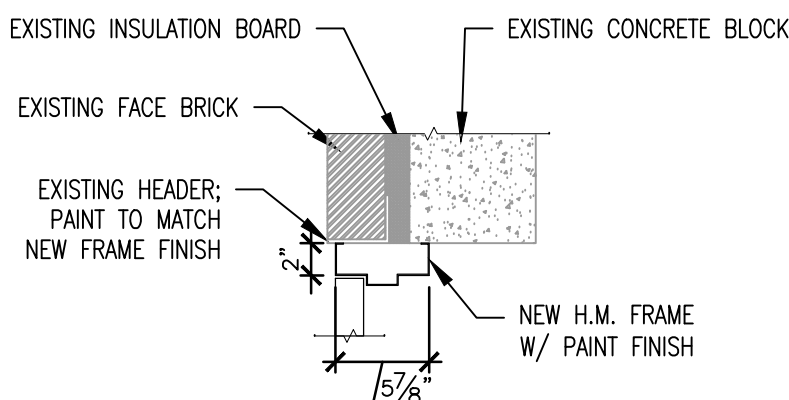
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SCALE: 1/2" = 1'-0"



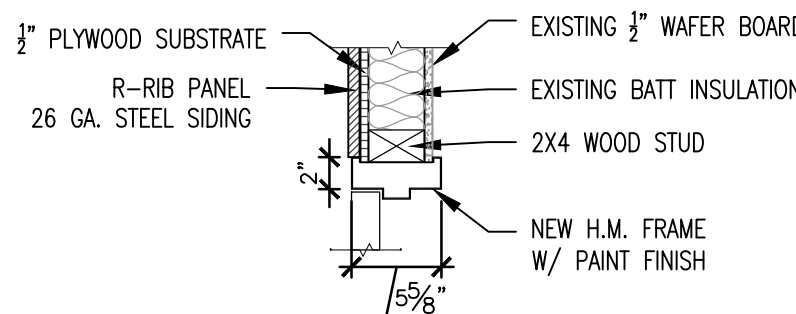
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B FRAME TYPE B
SCALE: 1/2" = 1'-0"

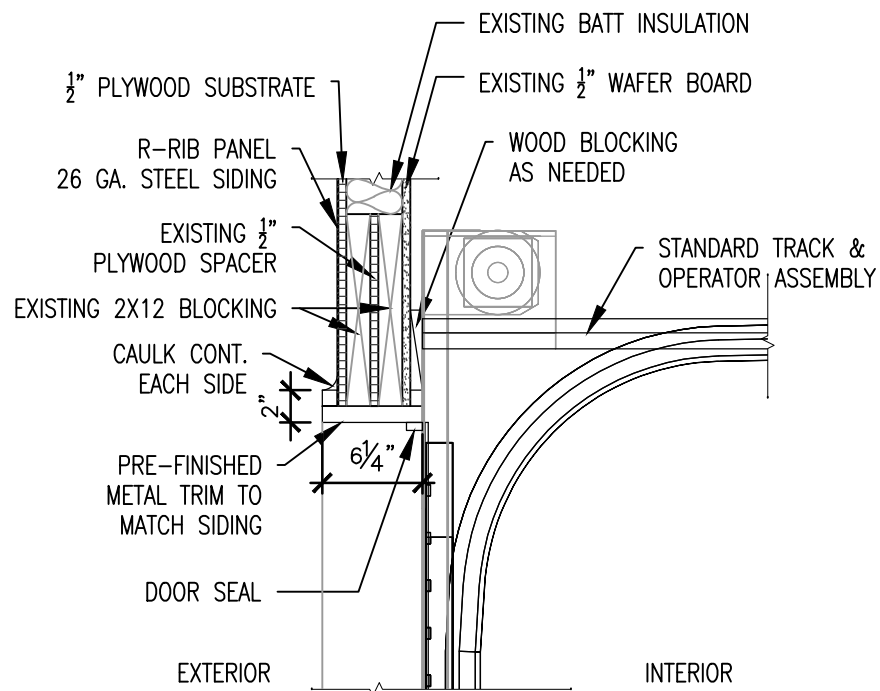
2 FRAME TYPE SCHEDULE
SCALE: 1/2" = 1'-0"



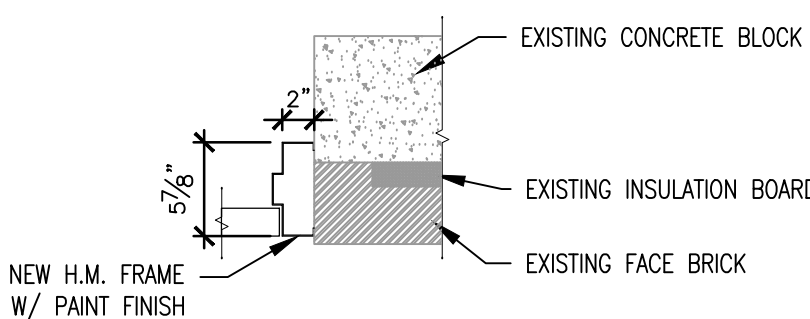
3 HEAD - TYPE A
SCALE: 1" = 1'-0"



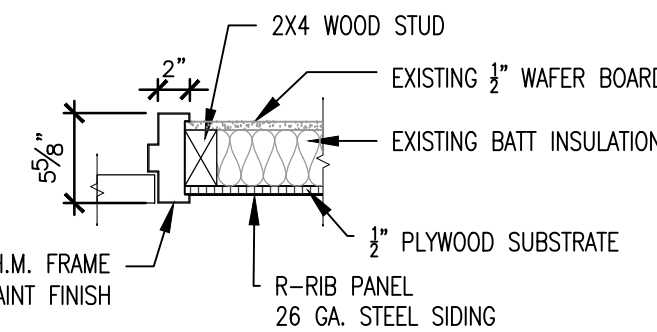
5 HEAD - TYPE B
SCALE: 1" = 1'-0"



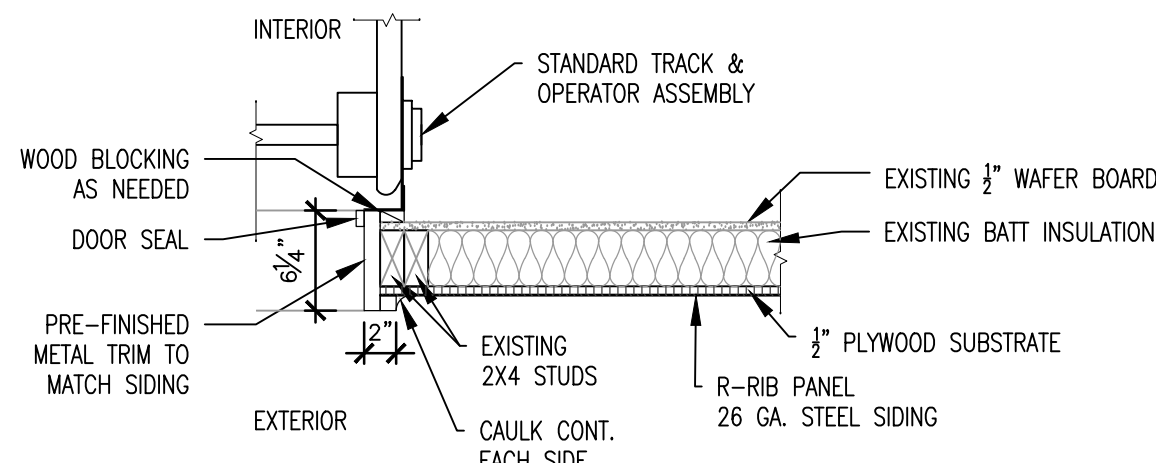
7 HEAD - TYPE C
SCALE: 1" = 1'-0"



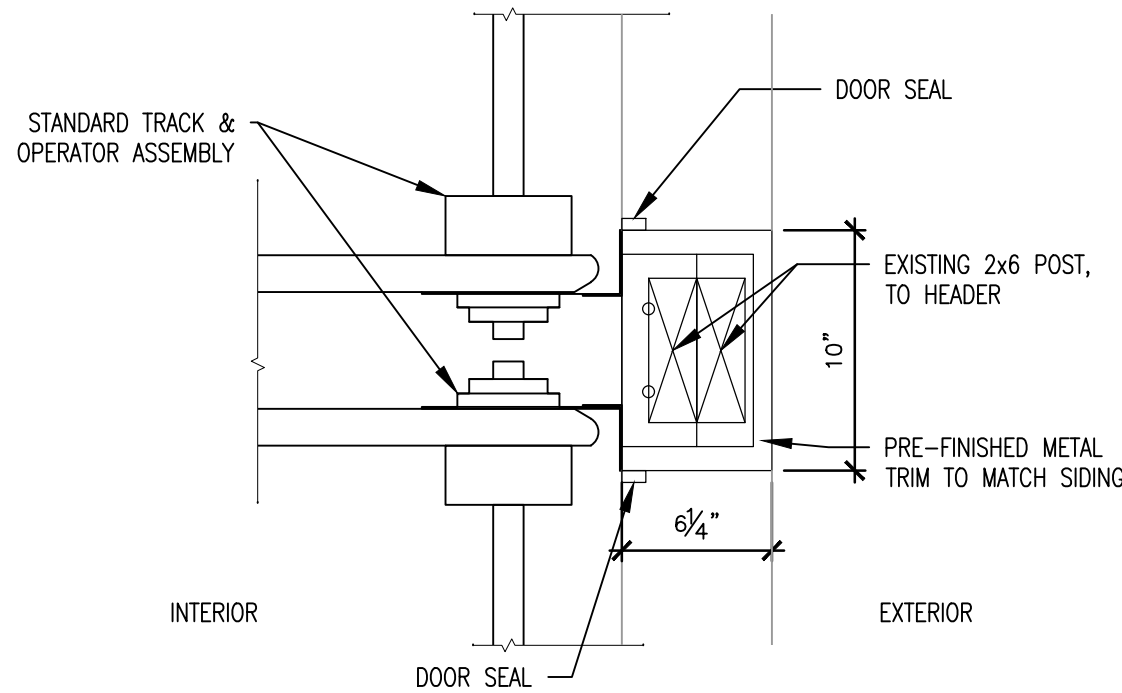
4 JAMB - TYPE A
SCALE: 1" = 1'-0"



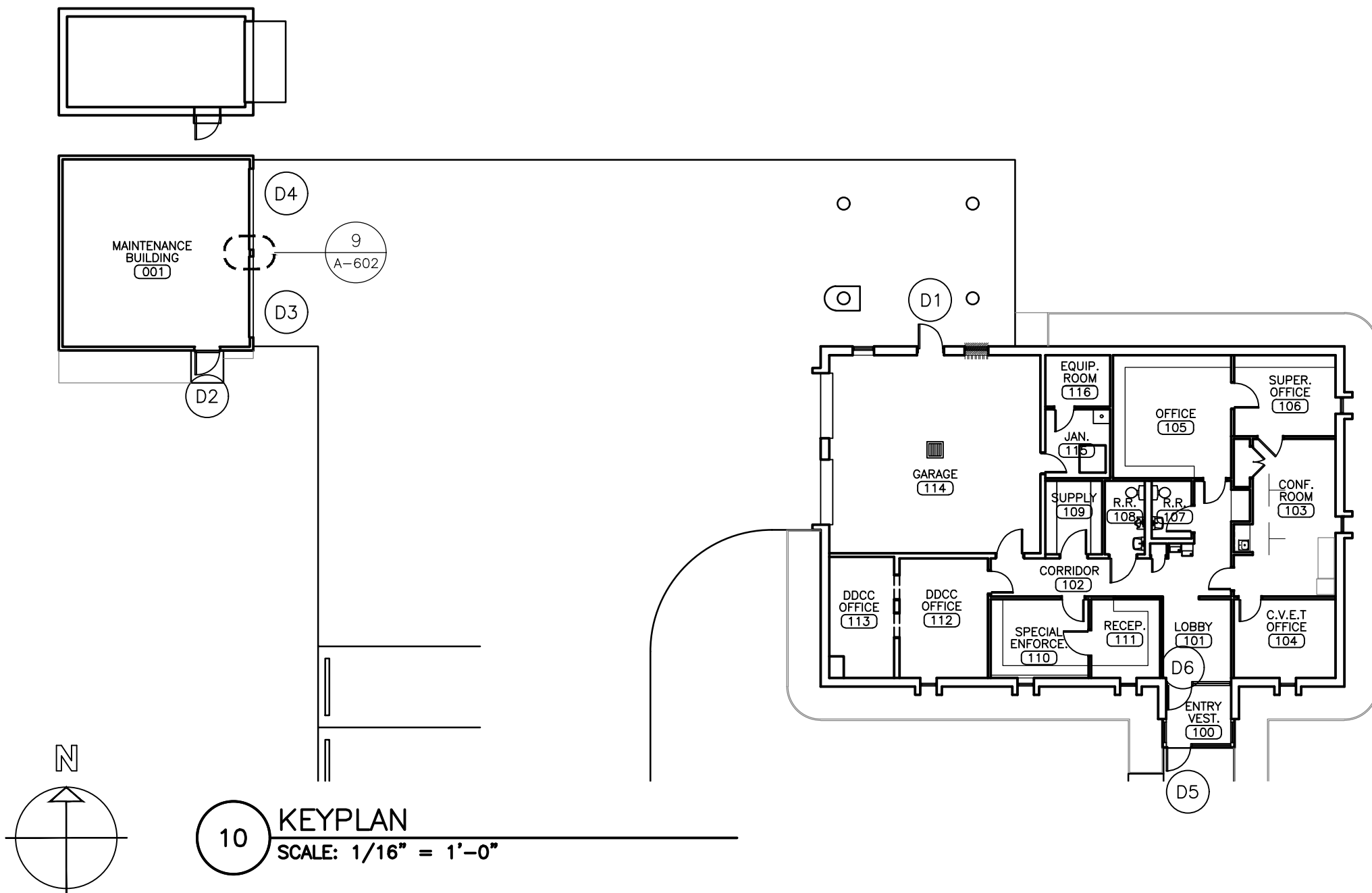
6 JAMB - TYPE B
SCALE: 1" = 1'-0"



8 JAMB - TYPE C
SCALE: 1" = 1'-0"



9 MULLION - TYPE C
SCALE: 1 1/2" = 1'-0"

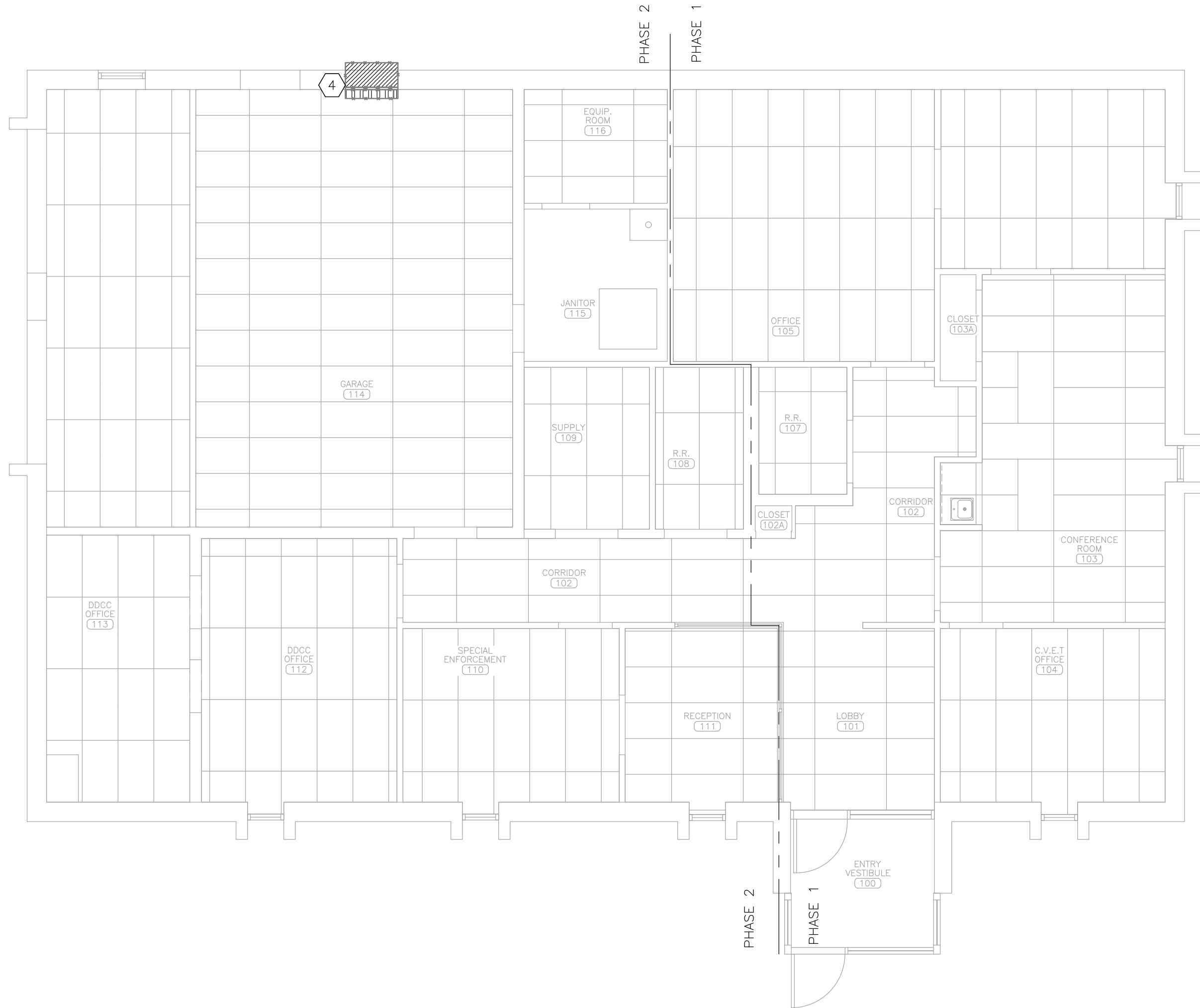


10 KEYPLAN
SCALE: 1/16" = 1'-0"

DEMOLITION NOTES – DETAIL 1

- 1
- DEMOLITION DRAWINGS AND PLANS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING PRIOR TO BIDDING AND/OR CONSTRUCTION.
- 2
- COVER ALL OPENINGS INTO THE BUILDING FROM THE WORK AREA. ENSURE DEBRIS IS REMOVED FROM THE CONSTRUCTION AND DEMOLITION AREA AND AIR BORN DEBRIS IS NOT ALLOWED TO TRAVEL TO THE REMAINDER OF THE BUILDING. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIAL.
- 3
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
- 4
- DEMOLISH THROUGH THE WALL AIR CONDITIONING UNIT.

MINI SPLIT SCHEDULE									
MARK	MANUFACTURER	MODEL	DESCRIPTION	AIRFLOW (CFM) EFFICIENCY	CAPACITY (MBH)	ELECTRICAL REQUIREMENTS	REFRIGERANT LINE SIZE	SOUND PRESSURE LEVEL (DbA) WEIGHT (LBS)	NOTES
IU-1	DAIKIN	FTX36WVJU9	INDOOR UNIT	915-512 15.9 SEER2 9.1 EER2	COOLING TOTAL: 33.2 SENSIBLE: 22.16	POWER PROVIDED BY OUTDOOR UNIT FIELD-SUPPLIED WIRING	5/8" GAS LINE 1/4" LIQUID LINE	54 38	1,2
OU-1	DAIKIN	RX36WMVJU9	OUTDOOR UNIT	7.5 HSPF2 2.7 COP	HEATING 35.2 @43°F 19.12 @14°F 15.74 @5°F	208/60/1 18.6 MCA; 20 MOP	5/8" GAS LINE 1/4" LIQUID LINE	59 133	1,3,4,5
NOTES									
1 DESIGN TEMPERATURES: SUMMER: 95 Db°F/75 Wb°F; WINTER: 6 Db°F									
2 PROVIDE WIRED REMOTE CONTROLLER									
3 PROVIDE DRAIN PAN HEATER									
4 PROVIDE LOW AMBIENT WIND BAFFLE/AIR ADJUSTMENT GRILLE									
5 PROVIDE RECTOSEAL WBB300 WALL BRACKET									

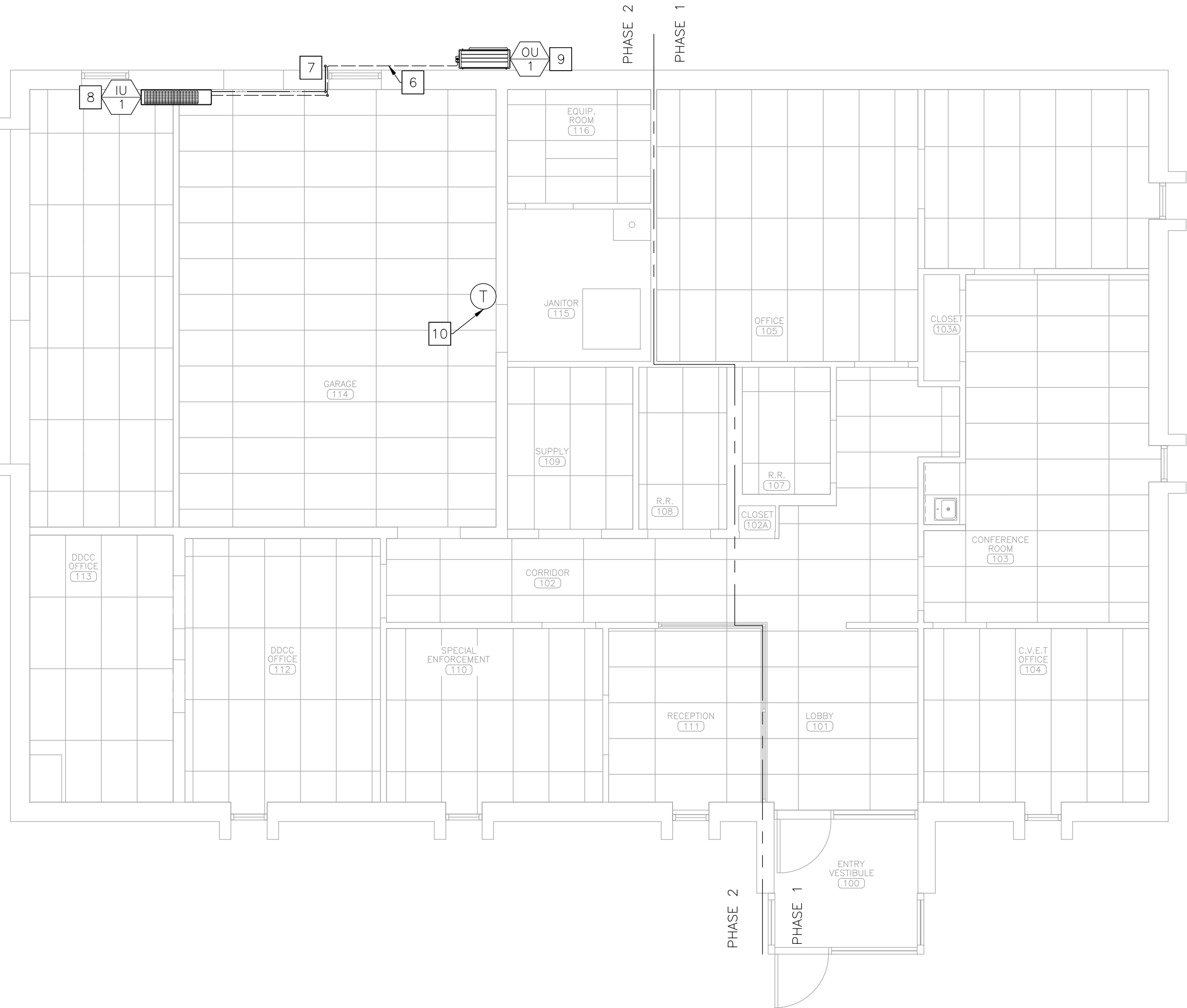


1 MECHANICAL DEMOLITION PLAN – MAIN BUILDING
SCALE: 3/16" = 1'-0"

RENOVATION NOTES – DETAIL 2

- 1
- FABRICATION, INSTALLATION, AND TESTING OF ALL HVAC SYSTEMS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE INTERNATIONAL MECHANICAL CODE (IMC) AND ALL MANUFACTURER INSTALLATION GUIDELINES.
- 2
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL LINE VOLTAGE WIRING AND CONDUIT. MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL LOW VOLTAGE WIRING FOR MECHANICAL SYSTEMS. COORDINATE WITH ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL CONDUIT FOR LOW VOLTAGE WIRING.
- 3
- DELEGATED DESIGN: FACILITY IS LOCATED WITHIN A SEISMIC REGION. CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND PROVIDING A COMPLETE, FUNCTIONAL, AND CODE COMPLIANT SYSTEM.
- 4
- PROVIDE A TRAPPED CONDENSATE DRAIN PIPE FOR ALL EVAPORATORS. CONDENSATE PIPE SHALL BE SCHEDULE 40 PVC. SLOPE IN THE DIRECTION OF DISCHARGE A MINIMUM OF 1/8" PER FOOT. INSTALL WEATHER RESISTANT METAL LINESET COVER TO INTERIOR CONDENSATE PIPE. INSULATE INTERIOR CONDENSATE PIPE WITH 1/2 INCH THICK FLEXIBLE ELASTOMERIC CELLULAR INSULATION THAT COMPLIES WITH ASTM C534 GRADE 1.
- 5
- INSULATE ALL REFRIGERANT PIPES WITH 3/4 INCH THICK FLEXIBLE ELASTOMERIC CELLULAR INSULATION THAT COMPLIES WITH ASTM C534 GRADE 1. THE REFRIGERANT PIPES SHALL BE SUPPORTED WITH A MAXIMUM SPAN BETWEEN HANGERS OF 5 FEET. ALL HORIZONTAL VAPOR LINES SHALL BE LEVEL. USE LONG RADIUS ELBOWS WHEREVER POSSIBLE. WEATHER SEAL OUTSIDE WALL REFRIGERANT PIPE PENETRATION. INSTALL WEATHER RESISTANT METAL LINESET COVER ON ANY EXTERIOR REFRIGERANT PIPE.
- 6
- PROVIDE AND INSTALL REFRIGERANT LINE SET PER MANUFACTURER RECOMMENDED PIPE SIZE AND MATERIAL. ROUTE LINE SET TO BETWEEN DOOR AND NEW WINDOW AS SHOWN. PENETRATE WALL AND ROUTE TO OUTDOOR UNIT ALONG EXTERIOR WALL.
- 7
- ROUTE CONDENSATE DRAIN PIPE INSIDE BUILDING DOWN TO 3 FEET ABOVE FINISH FLOOR. PENETRATE EXTERIOR WALL AND PROVIDE SPLASH BLOCK TO DIRECT CONDENSATE AWAY FROM BUILDING.
- 8
- INDOOR UNIT (IU-1) HEIGHT TO BOTTOM OF UNIT MINIMUM OF 7.5 FEET FROM FINISHED FLOOR. INSTALL TO PROVIDE MANUFACTURER RECOMMENDED CLEARANCE AROUND UNIT. COORDINATE WITH ELECTRICAL CONTRACTOR TO REROUTE EXISTING SURFACE MOUNTED RACEWAY/CONDUIT AS NEEDED TO COMPLETE THE WORK.
- 9
- MOUNT OUTDOOR UNIT (OU-1) AT 4 FEET ABOVE FINISH GRADE.
- 10
- INSTALL MANUFACTURER PROVIDED THERMOSTAT. COORDINATE WITH ELECTRICAL CONTRACTOR TO ROUTE SURFACE MOUNT CONDUIT TO ABOVE CEILING.

HVAC LEGEND	
	THERMOSTAT
	DEVICE SCHEDULE TAG
	HVAC EQUIPMENT – NEW
	REFRIGERANT PIPE – NEW
	CONDENSATE DRAIN PIPE – NEW
	EXISTING MATERIALS TO BE REMOVED



2 MECHANICAL RENOVATION PLAN – MAIN BUILDING
SCALE: 3/16" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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REPLACE WINDOWS,
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PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

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DATE: _____
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DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 2/7/2025

CAD DWG FILE: ME_R2321-01
DRAWN BY: AH/RG/MP
CHECKED BY: TS
DESIGNED BY: AH

SHEET TITLE:

MECHANICAL
PLAN - MAIN
BUILDING

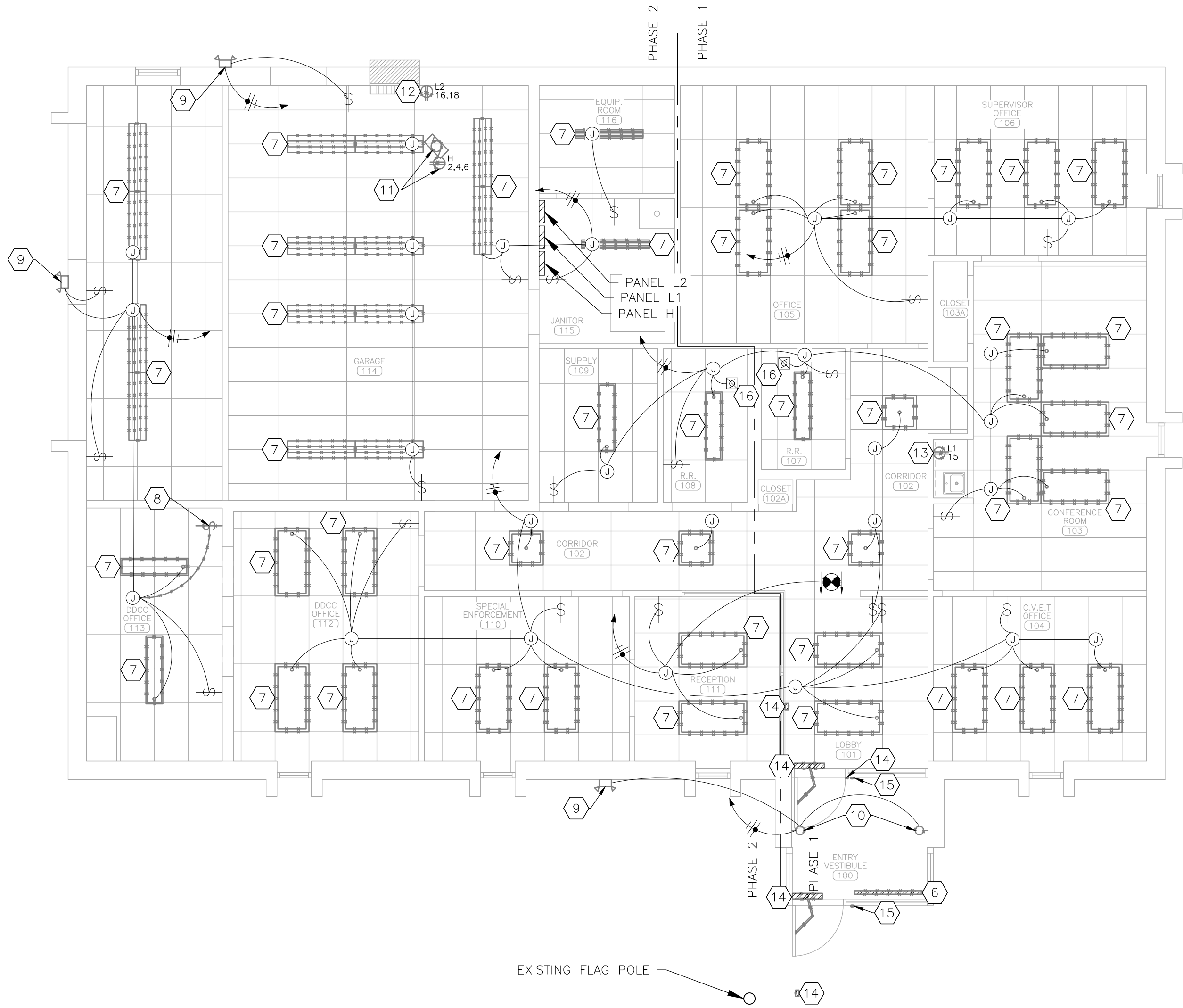
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M-101

13 OF 16 SHEETS
2/7/2025

DEMOLITION NOTES – DETAIL 1

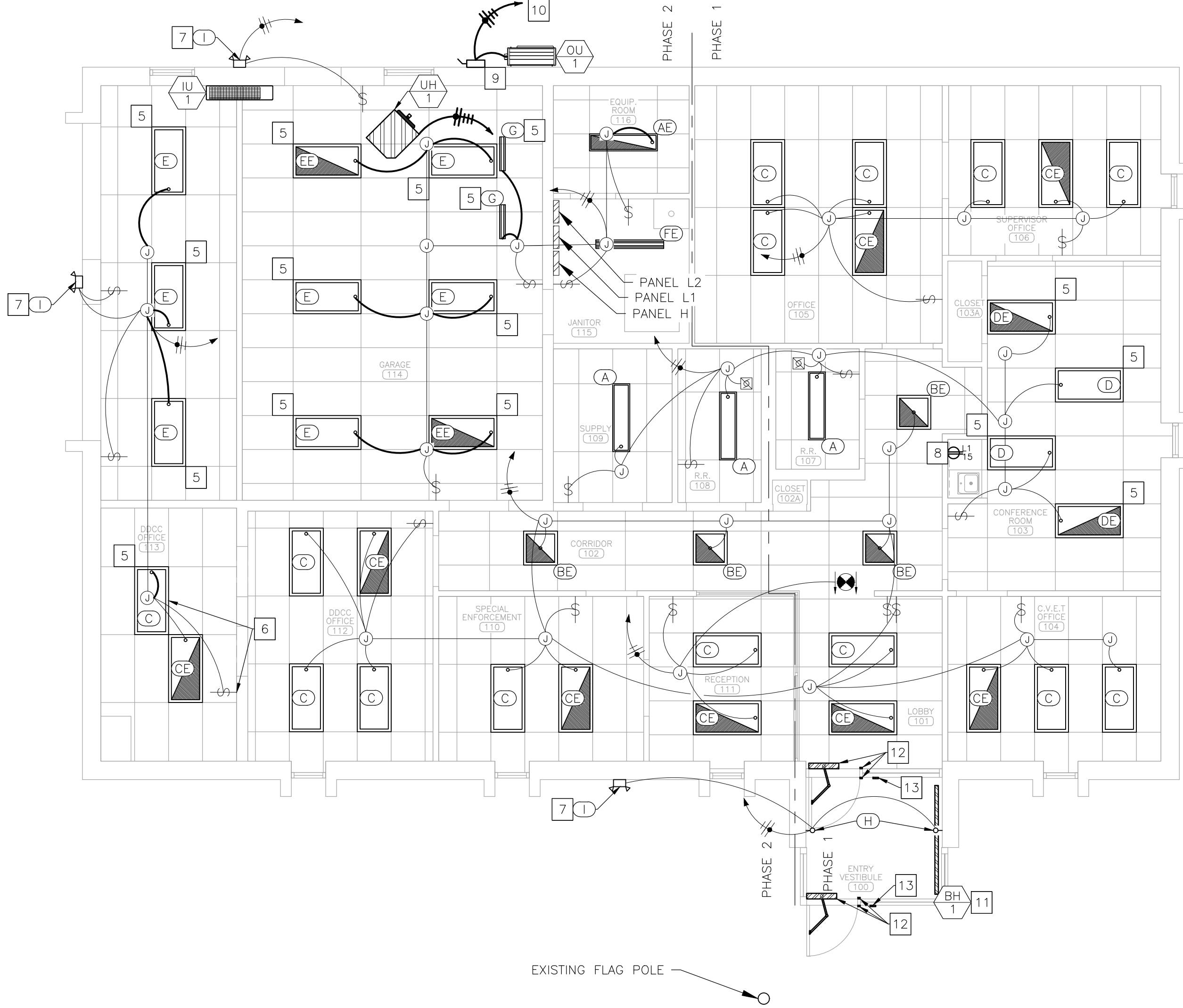
- 1
- DEMOLITION DRAWINGS AND PLANS ARE FROM FIELD TAKE-OFF AND ORIGINAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING PRIOR TO BIDDING AND/OR CONSTRUCTION. CIRCUITING IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY.
- 2
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO ANY SURFACE IN THE AREA OF CONSTRUCTION THAT IS A RESULT OF CONSTRUCTION ACTIVITY. SURFACE SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING CONDITIONS.
- 3
- CONTRACTOR MAY REUSE EXISTING CONDUIT AND CONDUCTORS IF THEY ARE INSTALLED PER THE LATEST EDITION OF THE NEC. ANY CONDUIT LEFT UNUSED SHALL BE REMOVED AND DISPOSED OF.
- 4
- COORDINATE WITH GENERAL CONTRACTOR TO MODIFY CEILING AS REQUIRED TO COMPLETE THE WORK.
- 5
- SITE CONTAINS ITEMS IDENTIFIED AS HAZARDOUS MATERIALS/UNIVERSAL WASTE (HM/UW). MATERIALS INCLUDE FLUORESCENT BULBS AND POSSIBLE PCB-CONTAINING BALLASTS. REMOVE AND DISPOSE OF HW/UW PER THE MISSOURI HAZARDOUS WASTE MANAGEMENT REGULATIONS LOCATED IN TITLE 10, DIVISION 25, CHAPTER 16 OF THE CODE OF STATE REGULATIONS. UTILIZE TRAINED PERSONNEL TO HANDLE AND DISPOSE OF MATERIAL. ARRANGE FOR PICK-UP, MANIFESTING, AND SHIPPING TO AN APPROVED CHEMICAL WASTE PROCESSING SITE. PCB CONTAINING BALLASTS SHALL BE DISPOSED OF USING HIGH TEMPERATURE INCINERATION.
- 6
- DEMOLISH BASEBOARD HEATER. CONDUIT AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 7
- DEMOLISH LIGHT FIXTURE AND ASSOCIATED SUPPORTS. CONDUIT AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 8
- DEMOLISH WALL SWITCH, ASSOCIATED SURFACE MOUNTED RACEWAY, AND CONDUCTORS.
- 9
- DEMOLISH EXTERIOR LIGHT FIXTURE, CONDUIT, AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION. DEMOLITION AND INSTALLATION OF FIXTURE SHALL BE DONE WITHIN ONE WORKING DAY.
- 10
- DEMOLISH SCONCE LIGHT FIXTURE. PRIOR TO DEMOLITION, CONTRACTOR SHALL VERIFY HOW SCONCE LIGHT FIXTURES ARE CIRCUITED. IF SCONCE LIGHTS ARE CIRCUITED AS SHOWN, CONDUIT AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION. INFORM ENGINEER IF CIRCUITING IS DIFFERENT THAN AS SHOWN.
- 11
- DEMOLISH UNIT HEATER, ASSOCIATED SUPPORTS, AND CEILING MOUNTED RECEPTACLE. DEMOLISH CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK.
- 12
- DEMOLISH RECEPTACLE, CONDUIT, AND CONDUCTORS BACK TO BREAKER. BREAKER TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 13
- DEMOLISH RECEPTACLE. WALL BOX, CONDUIT, AND CONDUCTORS TO REMAIN FOR USE IN NEW CONSTRUCTION.
- 14
- DEMOLISH ADA DOOR OPERATOR AND ASSOCIATED PUSH-PLATES. DEMOLISH CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK. PROVIDE BLANK COVER PLATE FOR INTERIOR PUSH-PLATE. COORDINATE WITH GENERAL CONTRACTOR TO DEMOLISH PEDESTAL CURRENTLY HOUSING EXTERIOR PUSH-PLATE.
- 15
- SECURITY CONTRACTOR TO REMOVE AND RETAIN BADGE READER, DOOR OPERATOR CONTROLLER, AND ALL ASSOCIATED CONTROLS WIRING FOR USE IN NEW CONSTRUCTION. BADGE READER SHOWN OFFSET FOR CLARITY.
- 16
- EXHAUST FAN TO REMAIN FOR USE IN NEW CONSTRUCTION.



1 ELECTRICAL DEMOLITION PLAN – MAIN BUILDING
SCALE: 3/16" = 1'-0"

RENOVATION NOTES – DETAIL 2

- 1
- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC) AND ALL MANUFACTURER INSTALLATION GUIDELINES.
- 2
- CONTRACTOR SHALL EVALUATE ALL AFFECTED CONDUIT AND CONDUCTORS TO ENSURE COMPLIANCE WITH THE LATEST VERSION OF THE NEC. ANY MATERIALS FOUND TO NOT MEET THE CRITERIA LISTED IN THE NEC SHALL BE REMOVED AND NEW MATERIALS SHALL BE PROVIDED.
- 3
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS REQUIRED TO COMPLETE THE WORK. ALL EXPOSED LINE VOLTAGE WIRING SHALL BE PULLED IN PROPERLY SIZED CONDUIT WITH APPROVED FITTINGS.
- 4
- DELEGATED DESIGN: FACILITY IS LOCATED WITHIN A SEISMIC REGION. CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND PROVIDING A COMPLETE, FUNCTIONAL, AND CODE COMPLIANT SEISMIC RESTRAINT SYSTEM.
- 5
- EXTEND CONDUIT AND CONDUCTORS TO NEW LIGHT FIXTURE AS NEEDED TO COMPLETE THE WORK.
- 6
- PROVIDE AND INSTALL CONDUIT AND CONDUCTORS TO CIRCUIT NEW LIGHT FIXTURE WITH EXISTING SWITCH.
- 7
- LIGHT FIXTURE TO BE CONTROLLED BY FACTORY PROVIDED LIGHT SENSOR. REFER TO LIGHTING SCHEDULE ON SHEET E-102.
- 8
- PROVIDE AND INSTALL NEW GFI RECEPTACLE. REUSE EXISTING WALL BOX, CONDUIT, AND CONDUCTORS.
- 9
- PROVIDE AND INSTALL 30 AMP, 2 POLE NON FUSED NEMA 3R DISCONNECT. POWER FOR INDOOR UNIT (IU-1) PROVIDED BY OUTDOOR UNIT (OU-1).
- 10
- ROUTE POWER TO EXISTING 20 AMP, 2 POLE BREAKER PREVIOUSLY SERVING RECEPTACLE REMOVED PER DEMOLITION KEY NOTE 12.
- 11
- PROVIDE AND INSTALL BASEBOARD HEATER (BH-1). VERIFY EXISTING POWER PRIOR TO ORDERING. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK.
- 12
- PROVIDE AND INSTALL STANLEY ACCESS TECHNOLOGIES MAGIC-ACCESS OR EQUAL DOOR OPERATOR WITH FRAME MOUNTED WIRED PUSH-PLATES. EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. REFER TO ARCHITECTURAL SHEETS FOR MOUNTING REQUIREMENTS.
- 13
- COORDINATE WITH SECURITY CONTRACTOR TO INSTALL RETAINED BADGE READER, CONTROLLER, AND ALL ASSOCIATED CONTROLS WIRING. PROVIDE AND INSTALL DEVICE BOX WITHIN ALUMINUM FRAME. DEVICE SHOWN OFFSET FOR CLARITY; REFER TO ARCHITECTURAL SHEETS FOR MOUNTING REQUIREMENTS.
- 14
- CONTRACTOR SHALL PROVIDE NEW, TYPE WRITTEN, PANEL SCHEDULES FOR ANY ELECTRICAL PANEL IMPACTED BY THE WORK.



2 ELECTRICAL RENOVATION PLAN – MAIN BUILDING
SCALE: 3/16" = 1'-0"

ELECTRICAL LEGEND	
	DIRECTIONAL EXIT SIGN
	DEVICE SCHEDULE TAG
	LIGHT FIXTURE MARK
	JUNCTION BOX
	HOME RUN-SHORT STROKES INDICATE PHASE OR SWITCHED WIRES, LONG STROKE INDICATE NEUTRAL, LONG WITH DOT INDICATE GROUND
	NON FUSED DISCONNECT SWITCH
	WALL SWITCH
	WALL MOUNTED SECURITY FLOODLIGHT
	DUPLEX RECEPTACLE -PANEL DESIGNATION -BREAKER(S)
	LIGHT FIXTURE – NEW
	WIRE/CONDUIT – EXISTING
	WIRE/CONDUIT – NEW
	EXISTING MATERIALS TO BE REMOVED

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

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CAD DWG FILE: ME_R2321-01
DRAWN BY: AH/RG/MP
CHECKED BY: TS
DESIGNED BY: AH

SHEET TITLE:

ELECTRICAL
PLAN - MAIN
BUILDING

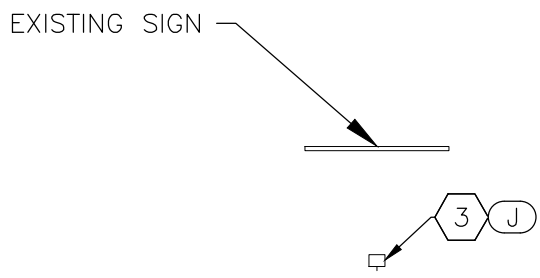
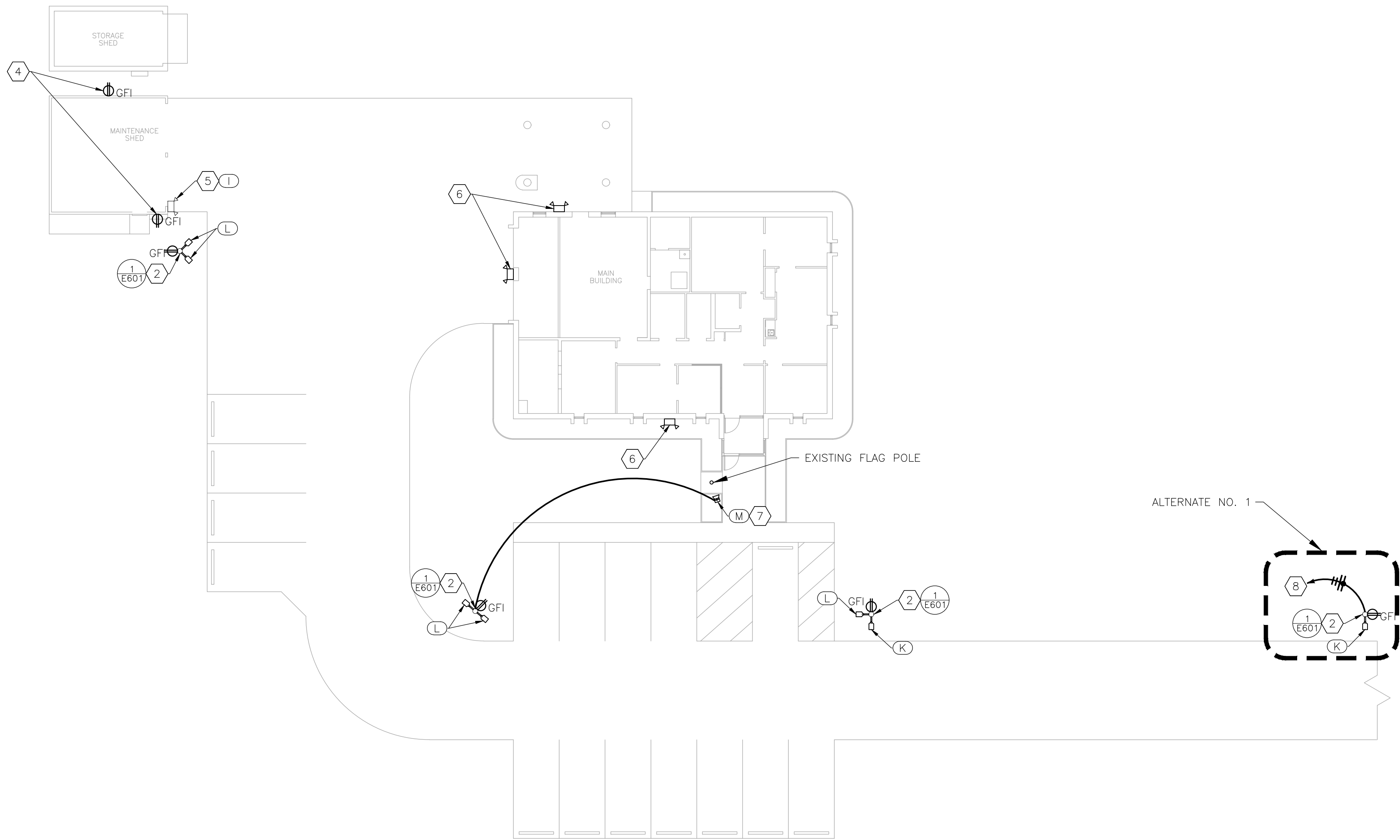
SHEET NUMBER:

E-101

14 OF 16 SHEETS
2/7/2025

NOTES

- 1
- REFER TO SHEET E-101 FOR GENERAL NOTES.
- 2
- DEMOLISH PARKING LOT LIGHT FIXTURE, AND ASSOCIATED LIGHT POLE. DEMOLISH ASSOCIATED CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK. COORDINATE WITH GENERAL CONTRACTOR TO INSTALL LIGHT POLE, EXTEND CONDUIT AND CONDUCTORS AS NEEDED TO COMPLETE THE WORK. PROVIDE ALL ACCESSORIES TO INSTALL AREA LIGHTS IN QUANTITY AND ORIENTATION SHOWN. REFER TO G-002 FOR ADDITIONAL INFORMATION.
- 3
- DEMOLISH GROUND MOUNTED SIGN LIGHT FIXTURE. INSTALL NEW GROUND MOUNTED FIXTURE. VERIFY MOUNTING REQUIREMENTS PRIOR TO ORDERING LIGHT FIXTURE.
- 4
- DEMOLISH EXTERIOR GFI RECEPTACLE, BOX, AND ASSOCIATED COVER. CONDUIT AND CONDUCTORS TO BE REUSED FOR INSTALLATION OF NEW GFI RECEPTACLE WITH COVER. COORDINATE WITH GENERAL CONTRACTOR AND PLANNED SIDING REPLACEMENT.
- 5
- DEMOLISH SECURITY FLOODLIGHT FIXTURE. CONDUIT AND CONDUCTORS TO BE REUSED FOR INSTALLATION OF NEW LIGHT FIXTURE. COORDINATE WITH GENERAL CONTRACTOR AND PLANNED SIDING REPLACEMENT.
- 6
- REFER TO SHEET E-101 FOR DEMOLITION AND RENOVATION NOTES.
- 7
- INSTALL GROUND MOUNTED SPOT LIGHT. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE NEW CONCRETE BASE. ROUTE SCHEDULE 40 PVC CONDUIT AND CONDUCTORS IN TRENCH FROM EXISTING LIGHT POLE LOCATION TO SPOT LIGHT BASE. ADJUST LIGHT FIXTURE TO ILLUMINATE EXISTING FLAG POLE. SEE ALSO DETAIL 2, SHEET E-601.
- 8
- ALTERNATE NO. 1: PROVIDE AND INSTALL ALL CONDUCTORS AND SCHEDULE 40 PVC CONDUIT REQUIRED TO EXTEND LIGHTING CIRCUIT TO NEW LIGHT POLE LOCATION. REFER TO G-002 FOR ADDITIONAL INFORMATION.



1 ELECTRICAL DEMOLITION AND RENOVATION PLAN - SITE
SCALE: 1/16" = 1'-0"

ELECTRICAL LEGEND	
	DETAIL REFERENCE, NUMBER/SHEET
	LIGHT FIXTURE MARK
	HOME RUN-SHORT STROKES INDICATE PHASE OR SWITCHED WIRES, LONG STROKE INDICATE NEUTRAL, LONG WITH DOT INDICATE GROUND
	JUNCTION BOX
	DUPLEX RECEPTACLE - 120V GROUND FAULT TYPE
	WALL MOUNTED SECURITY FLOODLIGHT
	LIGHT FIXTURE
	WIRE/CONDUIT - NEW

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SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
ASSET # 8136014001

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 2/7/2025

CAD DWG FILE: ME_R2321-01
DRAWN BY: AH/RG/MP
CHECKED BY: TS
DESIGNED BY: AH

SHEET TITLE:

ELECTRICAL
PLAN - SITE

SHEET NUMBER:

E-102

15 OF 16 SHEETS
2/7/2025



Tracie L. Siebeneck - Engineer
MO# PE-2013019114

BID
DOCUMENTS

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
PUBLIC SAFETY
STATE HIGHWAY PATROL

REPLACE WINDOWS,
SIDING, FLOORING, &
INTERIOR LIGHTS

TROOP E
SERVICE CENTER
105 KEYSTONE DRIVE
SIKESTON, MO 63801

PROJECT # R2321-01
SITE # 6014
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REVISION: _____
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CAD DWG FILE: ME_R2321-01
DRAWN BY: AH/RG/MP
CHECKED BY: TS
DESIGNED BY: AH

SHEET TITLE:

ELECTRICAL
SCHEDULES
AND DETAILS

SHEET NUMBER:

E-601

16 OF 16 SHEETS
2/7/2025

UNIT HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRPTION	AIRFLOW (CFM) CAPACITY (KW)	VOLTAGE/PHASE MOP	SPECIFICATION	NOTES
UH-1	REZNOR	EUH-15	ELECTRIC UNIT HEATER	1215 15	208/3 40	ENCLOSED STAINLESS STEEL SHEATHED AND FINNED HEATING ELEMENTS; TWO-POINT SUSPENSION; VIBRATION AND NOISE ISOLATED FAN MOTOR; INTERNAL OVERLOAD PROTECTION	1,2

NOTES

- PROVIDE IT13 UNIT MOUNTED THERMOSTAT AND LOCKABLE NON-FUSED DISCONNECT SWITCH
- FIELD VERIFY SUPPORT REQUIREMENTS, PROVIDE NECESSARY ACCESSORIES FOR INSTALLATION BELOW CEILING GRID

BASEBOARD HEATER

MARK	MANUFACTURER	MODEL	CAPACITY (KW) LENGTH (IN)	INLET GRILLE OUTLET GRILLE	VOLTAGE/PHASE AMPERAGE	SPECIFICATION	NOTES
BH-1	HEATREX	904 SERIES	1.75 76.9	LOWER FRONT UPPER FRONT	208/1 8.4	HOUSING: 18 GAUGE STAINLESS STEEL W/ 14 GAUGE ALUMINUM FRONT COVER; HEATING ELEMENT: STAINLESS STEEL ELEMENT WITH ALUMINUM FINS ON HIGH TEMPERATURE NYLON BUSHINGS; MOUNTING: FLOOR MOUNT ON PEDASTALS	1,2

NOTES

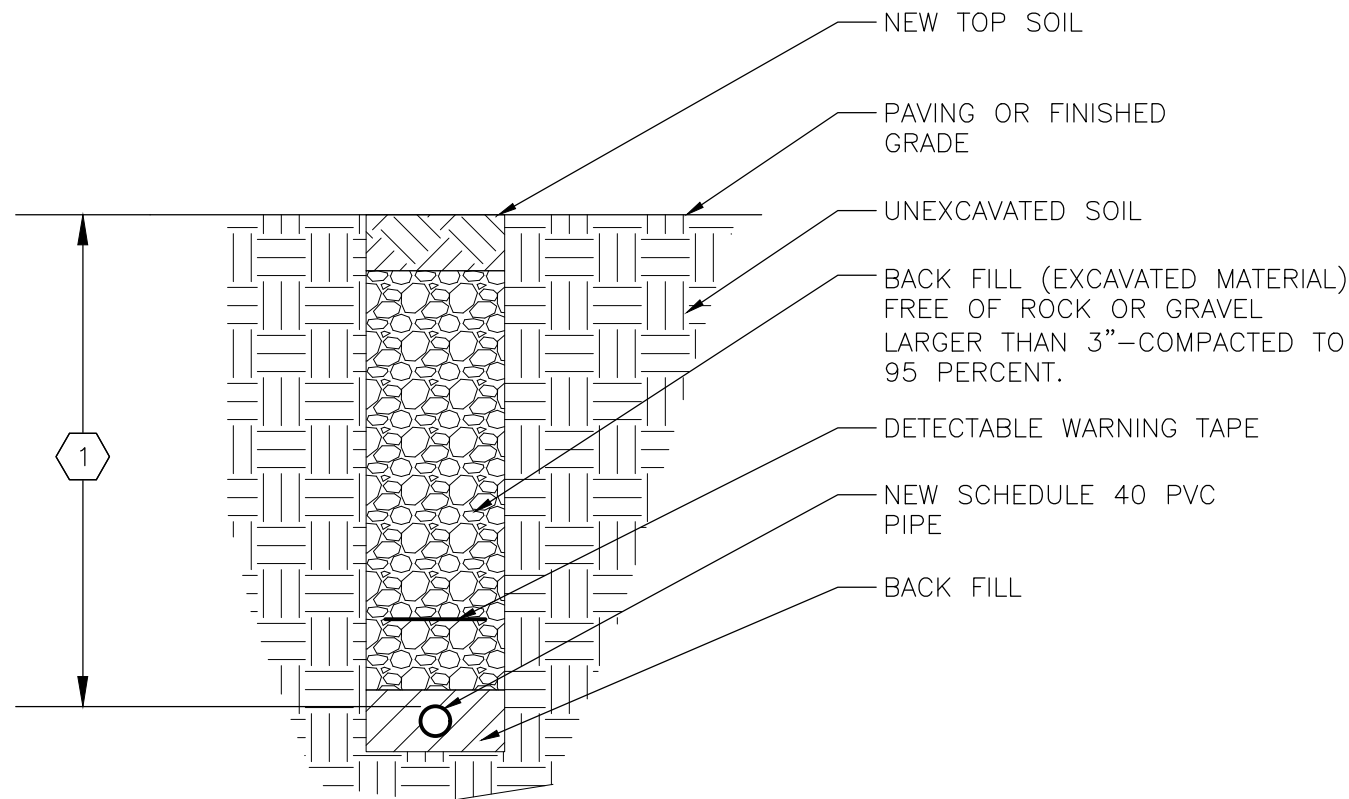
- PROVIDE TAMPERPROOF UNIT MOUNT THERMOSTAT AND FACTORY MOUNTED DISCONNECT SWITCH
- PROVIDE PEDASTAL MOUNTING OPTION

LIGHTING FIXUTRE SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	SIZE	LUMENS TYPE/CRI	WATTS VOLTAGE	NOTES
A	COLUMBIA LIGHTING	CBT14-LSCS	BACK-LIT LED TROFFER	1'x4'	4404 4000°K, LED/80	40.82 120	1,2
AE	COLUMBIA LIGHTING	CBT14-LSCS	BACK-LIT LED TROFFER	1'x4'	4404 4000°K, LED/80	40.82 120	1,2,3
BE	COLUMBIA LIGHTING	CBT22-LSCS	BACK-LIT LED TROFFER	2'x2'	4550 4000°K, LED/80	40.4 120	1,2,3
C	COLUMBIA LIGHTING	CBT24-LSCS	BACK-LIT LED TROFFER	2'x4'	3450 4000°K, LED/80	25 120	1,2
CE	COLUMBIA LIGHTING	CBT24-LSCS	BACK-LIT LED TROFFER	2'x4'	3450 4000°K, LED/80	25 120	1,2,3
D	COLUMBIA LIGHTING	CBT24-LSCS	BACK-LIT LED TROFFER	2'x4'	4890 4000°K, LED/80	39.22 120	1,2
DE	COLUMBIA LIGHTING	CBT24-LSCS	BACK-LIT LED TROFFER	2'x4'	4890 4000°K, LED/80	39.22 120	1,2,3
E	COLUMBIA LIGHTING	CBT24-LSCS	BACK-LIT LED TROFFER	2'x4'	5964 4000°K, LED/80	49.79 120	1,2
EE	COLUMBIA LIGHTING	CBT24-LSCS	BACK-LIT LED TROFFER	2'x4'	5964 4000°K, LED/80	49.79 120	1,2,3
FE	COLUMBIA LIGHTING	MPS4-40VL-CW-EU	MULTIPURPOSE SURFACE MOUNT LINEAR LIGHT	4'	6854 4000°K, LED/80	54.1 120	1,3
G	COLUMBIA LIGHTING	MPS2-40ML-FW-EU	MULTIPURPOSE PENDANT MOUNT LINEAR LIGHT	2'	3458 4000°K, LED/80	28.8 120	1,4
H	KUZCO	EW44206-BK	UP-DOWN WALL SCONCE	3 1/4"Ø	903 3000°K, LED/90	10.7 120	1,5
I	EXO OUTDOOR LIGHTING	ML-2L3K-1	LED TWIN SECURITY FLOODLIGHT	N/A	2104 4000°K, LED/80	26.6 120	1,6,7
J	EXO OUTDOOR LIGHTING	SGF1-60-LSCS- UNVC-PC	GROUND MOUNTED SLING FLOODLIGHT	6"x9"	8214 4000°K, LED/70	58.2 120	1,6,8
K	EXO OUTDOOR LIGHTING	ASL1-160L-70-4K7- 2-MAF-BC	AREA/SITE/ROAD LIGHTER	18.9"x11.7"	8853 4000°K, LED/70	68.4 120	1,6,9,10
L	EXO OUTDOOR LIGHTING	ASL1-160L-70-4K7- 4W-MAF	AREA/SITE/ROAD LIGHTER	18.9"x11.7"	9335 4000°K, LED/70	68.4 120	1,6,9,10
M	BEACON	AL-X-60L-136-4K7- 2x2-UNV-PCU-FV- SF3-DBT	GROUND MOUNTED SPOT FLOODLIGHT	16-3/8"x11-5/8"	16400 4000°K, LED/70	136 120	1,11

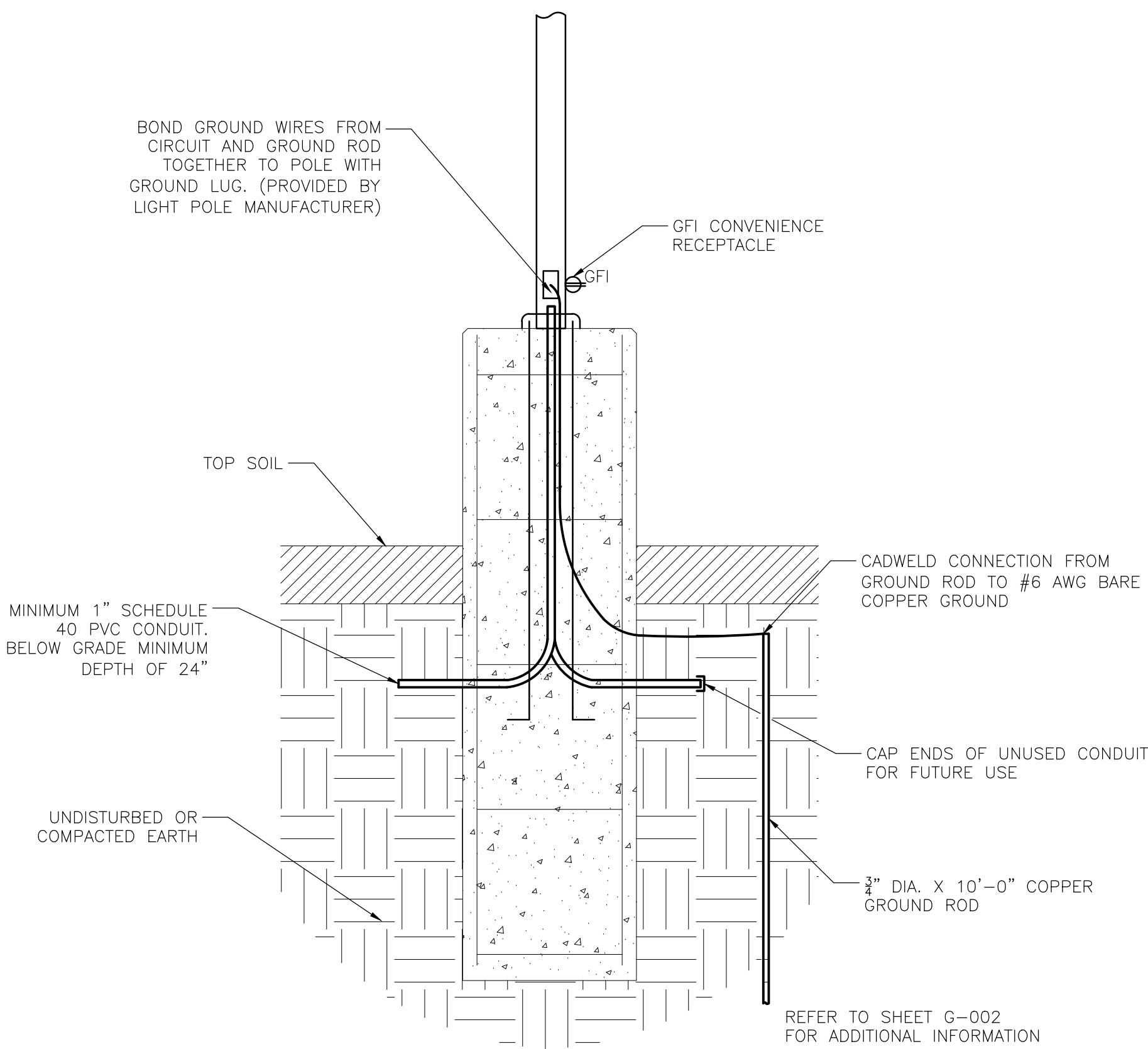
NOTES

- PROVIDE A LIGHT LOSS FACTOR OF AT LEAST 0.9
- PROVIDE SWITCHABLE LUMENS AND CCT
- PROVIDE ELL14 10W EMERGENCY BATTERY PACK
- PROVIDE CM24SCF3-KIT 24" ADJUSTABLE CABLE MOUNTING KIT
- PROVIDE BLACK FINISH
- COLOR TO BE SELECTED BY ARCHITECT
- PROVIDE ADJUSTABLE LIGHT AND OCCUPANCY SENSOR
- FIELD VERIFY MOUNTING HARDWARE REQUIREMENTS PRIOR TO ORDERING, PROVIDE INTEGRAL PHOTOCONTROL
- PROVIDE BACKLIGHT CONTROL
- PROVIDE INDEPENDENT 7PR-TL PHOTOCONTROL RECEPTACLE OR EQUAL
- PROVIDE FULL VISOR, SLIP FIT MOUNTING, AND INDEPENDENT PCU BUTTON TYPE PHOTOCONTROL OR EQUAL



1 18" MINIMUM BELOW GRADE AND 24" MINIMUM
BENEATH STREETS, ALLEYS, AND PARKING.

2 PARKING LOT LIGHTING TRENCH DETAIL
NO SCALE



1 POLE BASE DETAIL
NO SCALE