

DUVAL COUNTY COURTHOUSE

Roof Remediation, Exterior Windows, & Electrical San Diego, Texas

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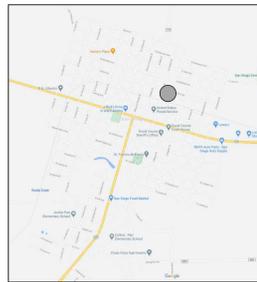
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AREA MAP



MAP COURTESY OF GOOGLE.COM

LOCATOR MAP



MAP COURTESY OF GOOGLE.COM



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DUVAL COUNTY COURTHOUSE

ROOF REMEDIATION, EXTERIOR
WINDOWS, & ELECTRICAL

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78384

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REVISION HISTORY

1. Issued for Bid	June 19, 2025
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SEAL



Architexas No. 2433

Date 6/19/2025

Sheet Name

COVER SHEET

Sheet Number

GENERAL NOTES

- Existing Conditions:
 - Information contained on these drawings with regard to existing conditions for construction in no way releases the Contractor from the responsibility for verifying completely all field conditions relating to and affecting the execution of the work, as described in these Contract Documents. Cease work, notify Architect, and await instructions if materials or conditions encountered at the site are not as indicated by the Contract Documents.
 - Field verification of existing conditions relating to specific portions of the work shall be undertaken in advance to allow for the timely identification of existing conditions that may effect the scheduled installation of new work as designed and detailed, and to avoid undue and unreasonable delays to the project should such conditions be discovered. Timely identifications of such conditions shall provide for a reasonable period of time during which the Architect will evaluate the conditions and make recommendations for accommodating new work.
 - Assist the Architect in making their evaluations and recommendations by providing in a timely manner, at no additional cost to the Owner, accurate and complete drawings, sketches, and photographs sufficient to clearly describe discrepancies, conflicts, and concealed or otherwise unanticipated existing conditions affecting new construction. Assist the Architect by providing in a timely manner prepared solutions to unanticipated existing conditions.
 - The Architect has endeavored to identify as completely as possible in the drawings and specifications existing items that are required to be removed or otherwise demolished so as to allow the execution of new work. This information is provided for the convenience of the Contractor, and is in no way intended to mean that demolition is limited only to those items specifically identified. Execute demolition work as required to allow the execution of new work.
 - Areas and items indicating limits of work and lines of demarcation are shown for the convenience of the Contractor, and are not to be taken literally. Actual contract limits are to be determined prior to bid openings by field verification.
 - Original elements removed are to be re-installed in their original location, unless noted otherwise.
- Blocking and Framing

Some general assumptions have been made on existing blocking, framing, and existing masonry profiles where conditions have not been uncovered. Re-secure existing blocking as necessary and provide new blocking as needed at door frames, door casings, windows, window casing, baseboards, chair rail, and other millwork areas.
- Dimension of original materials:

Dimensions indicated in Construction Documents for original materials are approximate and are to be field verified prior to submittal of shop drawings. Match exact sizes and profiles of original elements, unless noted otherwise.
- Sealants:

Remove existing sealants and replace with specified sealants, typical.
- Masonry Infill:

Masonry infill is to match adjacent material type, size, coursing, color, mortar, etc.
- Photographs:
 - Photographs of existing building conditions are included on portions of these drawings. Information contained on these photographs is provided for the convenience of the Contractor. Existing conditions may vary from what these photographs show. It shall be the responsibility of the Contractor to verify field conditions prior to the time of the bid and alert the Architect to any discrepancies between the existing conditions and the photographs.
- Exterior:
 - Existing construction shown to remain shall not be damaged during the demolition process. Provide temporary protection as necessary. If surfaces of wall are damaged, damaged areas shall be repaired with masonry to match existing and restore the full structural capacity of the walls.
 - Shoring drawings and associated structural calculations sealed by a Professional Engineer licensed in the State of Texas shall be submitted to the Architect's file and shall not be returned approved to the Contractor. The Contractor is solely responsible for the design and installation of all shoring necessary to accomplish the work.
 - All shoring shall transfer loading directly to existing masonry structure. Shoring shall be designed to support the full anticipated loading with no benefit from the existing structural framing.
 - The maximum allowable loading on the existing floor structures shall be 100 psf. All areas of the building which may have greater loading imposed on it by the Contractor's demolition procedure shall be shored.

SYMBOLS LEGEND

	Column Center Lines		Broken Section
	Center Line		Wall Section
	Door Type		Detail Section
	Window Type		Detail Key
	Wall Type		Detail Key
	Room Name and Number		Elevation Key

MATERIALS LEGEND

	Earth/Compact Fill		Rough Wood
	Gravel Fill		Blocking
	Concrete		Finish Wood
	Hollow Clay Tile		Plywood
	Masonry		Rigid Insulation
	Split Face CMU		Thermal Batt Insulation
	Glass		Acoustic Batt Insulation
	Aluminum		Sprayed Insulation
	Steel		Sprayed Fire Insulation
	Sheet Metal		Gypsum Board
	Existing, Where Noted		Metal Lath and Plaster

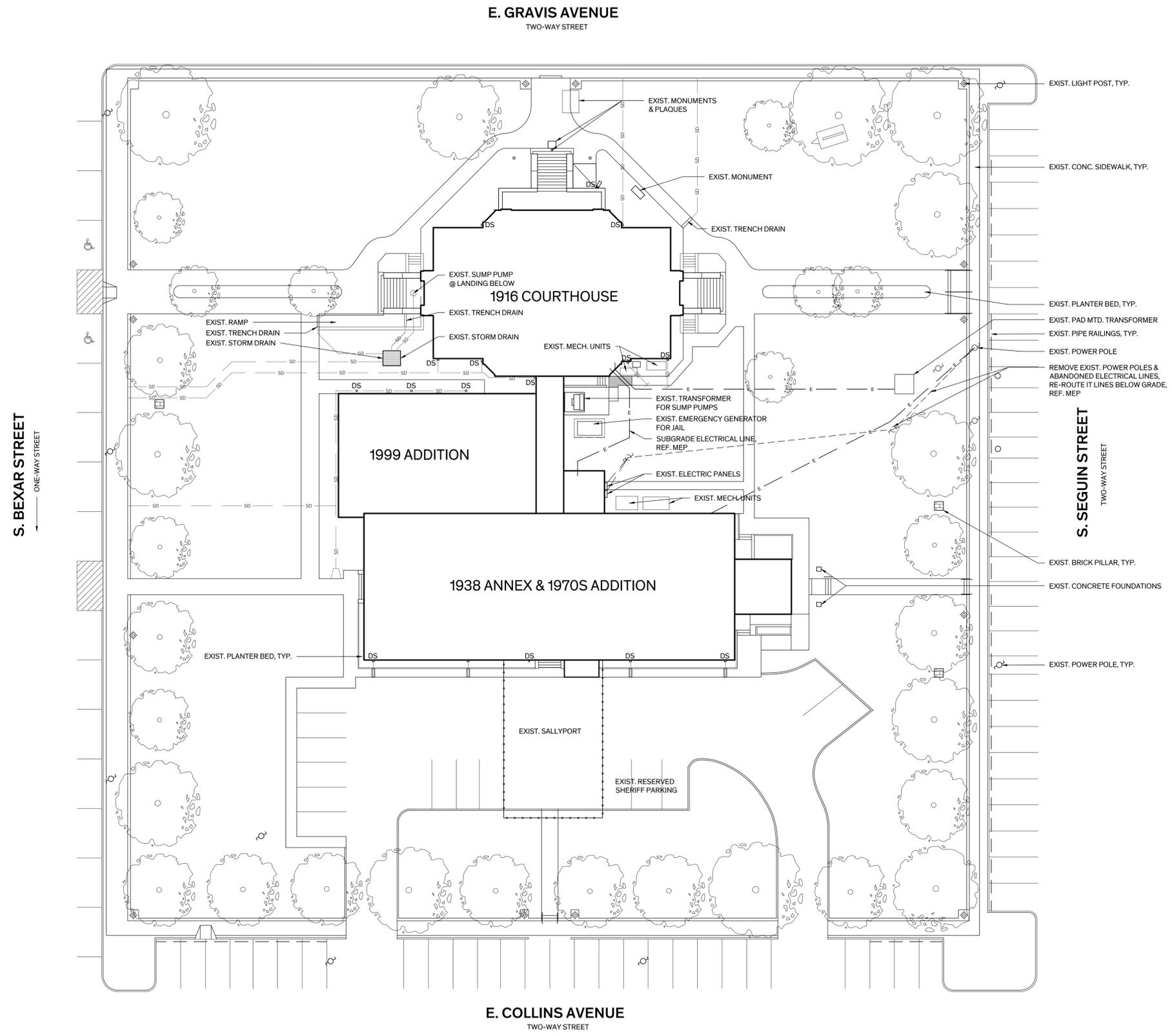
ABBREVIATIONS

±	PLUS/MINUS
Ø	DIAMETER
A/C	AIR CONDITIONER
ACM	ASBESTOS CONTAINING MATERIAL
AHU	AIR HANDLING UNIT
CABS.	CABINETS
CLG.	CEILING
CONC.	CONCRETE
DN.	DOWN
ELEV.	ELEVATOR
EQ.	EQUAL
EQUIP.	EQUIPMENT
EXIST.	EXISTING
FIXT.	FIXTURES
FLR.	FLOOR
F.R.	FIRE RATED
GYP.	GYPSONUM
HIST.	HISTORIC
MECH.	MECHANICAL
MISC.	MISCELLANEOUS
MTL.	METAL
OC	ON CENTER
ORIG.	ORIGINAL
QTR.	QUARTER
REF.	REFERENCE
REQ'D	REQUIRED
STRUCT.	STRUCTURAL
T.B.D.	TO BE DETERMINED
TYP.	TYPICAL
U.O.N	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD
W/	WITH
WD.	WOOD

NOTE: CONTRACTOR SHALL VERIFY WITH ARCHITECT FOR ANY ABBREVIATION NOT LISTED.

GENERAL NOTES - SITE PLAN

- 1. GENERAL SITE WORK**
 - A. UTILITY LOCATIONS ARE APPROXIMATE, V.I.F. LOCATE GAS, WATER, ELECTRICAL, & OTHER MISC. UTILITY LINES PRIOR TO TRENCHING.
 - B. REFERENCE ELECTRICAL FOR SCOPE OF ELECTRICAL REHABILITATION WORK.
- 2. MONUMENTS, MARKER:** PROVIDE TEMPORARY PROTECTION FOR EXISTING MONUMENTS & RTHL MARKERS DURING CONSTRUCTION ACTIVITIES ON SITE.
- 3. TREE PROTECTION:** PROTECT EXIST. TREES & ROOT SYSTEMS DURING EXCAVATING & BACKFILLING OPERATIONS. IF TREES ARE DAMAGED BY CONSTRUCTION OPERATIONS, CONTRACTOR SHALL OBTAIN THE SERVICES OF A CERTIFIED ARBORIST TO PERFORM REPAIRS AT NO ADDITIONAL COST TO THE OWNER.
- 4. SIDEWALK REPLACEMENT:**
 - A. SIDEWALKS SHALL AVE A SLOPE NO GREATER THAN 5% & A CROSS SLOPE OF NOT GREATER THAN 2% UNLESS OTHERWISE NOTED. NEW SIDEWALKS SHALL MATCH EXIST. HISTORIC SIDEWALK IN COMPOSITION, COLOR, FINISH, & JOINT TOOLING. PROVIDE EXPANSION JOINTS MAX. 20'-0"; PROVIDE CONTROL JOINTS MAX. 5'-0".
 - B. REPLACE SIDEWALK AS REQUIRED WHERE BELOW GRADE UTILITY LINES ARE SCHEDULED, REFER TO SHT. A-1.02 FOR TYPICAL SIDEWALK DETAILS.
- 5. SITE RESTORATION:** RESTORE DAMAGE TO EXIST. LANDSCAPING SCHEDULED TO REMAIN ADJACENT TO AREA OF WORK INCLUDING BUT NOT LIMITED TO SIDEWALKS, PLANTING BEDS, CURBS, LAWN, ETC... RESULTING FROM THE WORK OF THIS CONTRACT INCLUDING BUT NOT LIMITED TO THE FOLLOWING: SUB-SURFACE UTILITY WORK, ELECTRICAL REHABILITATION WORK, MASONRY & WINDOW RESTORATION WORK, ETC...
- 5. IRRIGATION:**
 - A. THE SITE HAS AN EXIST. IRRIGATION SYSTEM THAT IS TO REMAIN IN PLACE.
 - B. CONTRACTOR TO DOCUMENT THE LOCATION OF ALL EXIST. SPRINKLER VALVES, HEADS, PIPING, & OTHER ACCESSORIES & PROTECT FROM DAMAGE.
 - C. RESTORE DAMAGE TO EXIST. IRRIGATION SYSTEM RESULTING FROM WORK OF THIS CONTRACT.
- 6. ELECTRICAL REHABILITATION:** REF. ELECTRICAL DRAWINGS



1 Site Plan
Scale: 1" = 20'-0"
PLAN NORTH

LEGEND	
	NEW CONCRETE SIDEWALK
	ELEMENT TO BE REMOVED
	PROPERTY LINE
	EXIST. SUBSURFACE DOWNSPOUT OR TRENCH DRAIN LINES
	EXIST. SUBSURFACE ELECTRICAL LINES
	NEW SUBSURFACE ELECTRICAL LINES
	EXIST. DOWNSPOUT
	EXIST. LAMP POSTS
	EXIST. UTILITY POLE



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REVISION HISTORY
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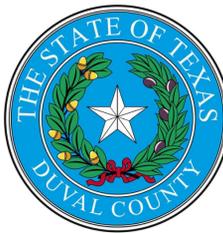
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Architexas No. 2433 Date 6/19/2025

Sheet Name SITE PLAN

Sheet Number A-1.01



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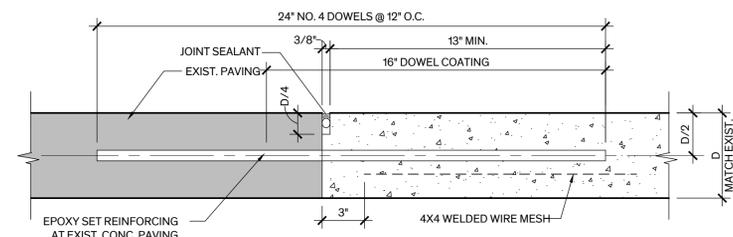
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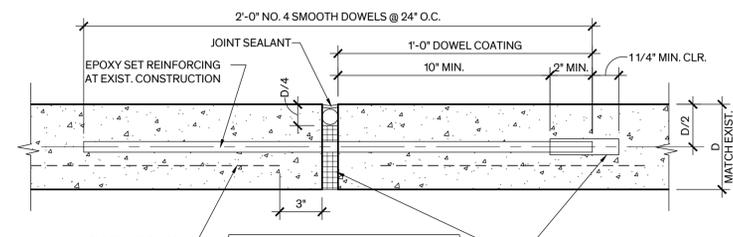
Sheet Name SITE DETAILS

Sheet Number



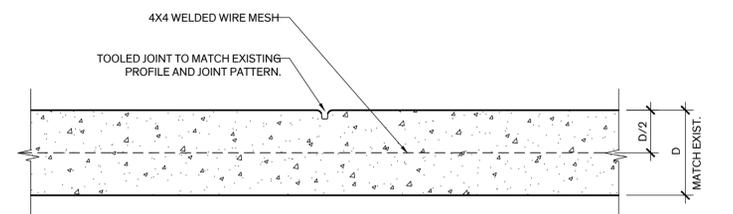
D = SLAB DEPTH
DOWELS & REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE

3 Construction Joint Det.
Scale: 3" = 1'-0"



D = SLAB DEPTH
DOWELS & REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE

2 Expansion Joint Det.
Scale: 3" = 1'-0"

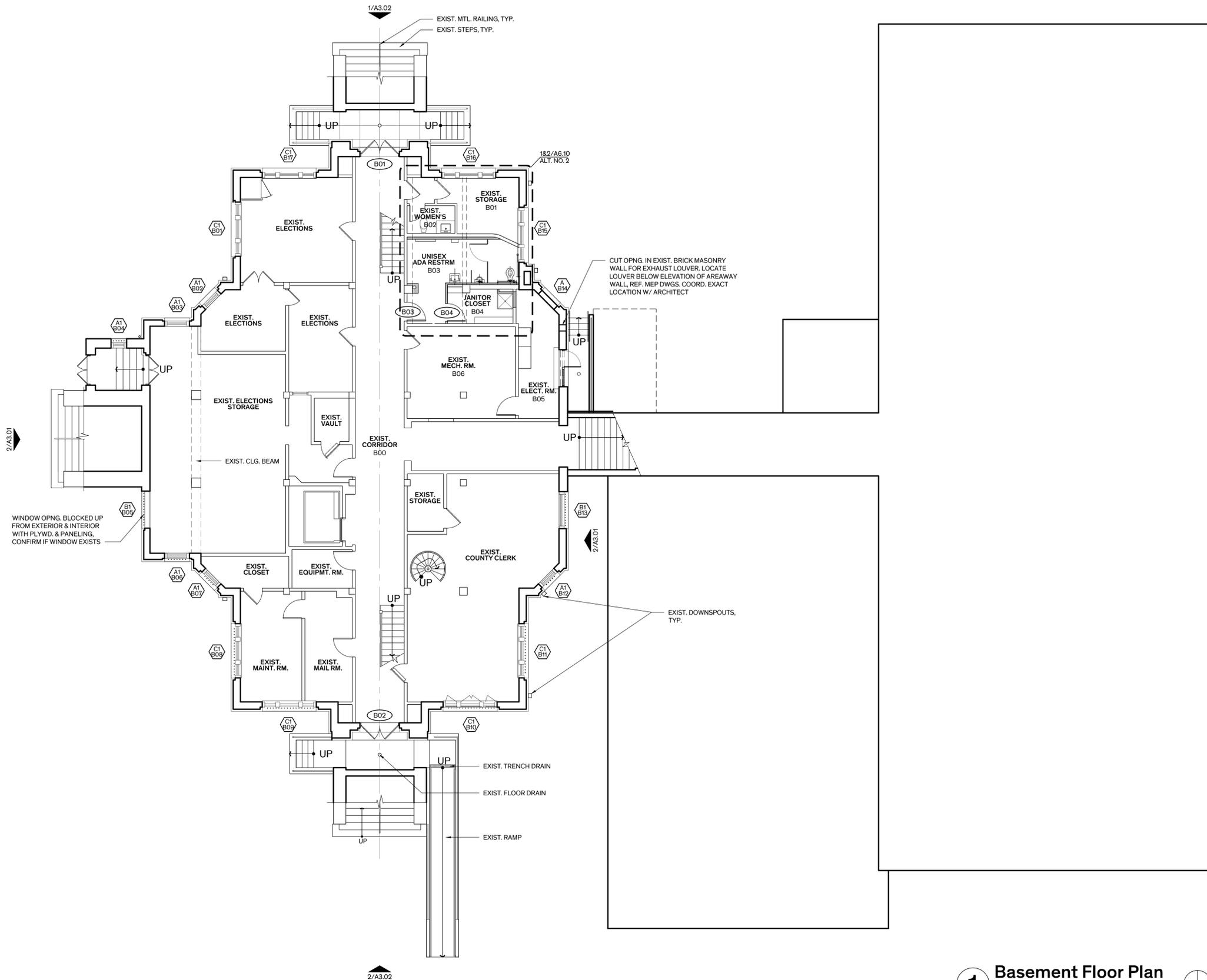


D = SLAB DEPTH
ALL JOINTS TO BE CUT W/ EARLY ENTRY DRY CUT SAW & IMMEDIATELY AFTER INITIAL SET OF THE CONC. @ JOINT LOCATION.

1 Control Joint Det.
Scale: 3" = 1'-0"

GENERAL NOTES - PLANS

1. **GENERAL:**
 - A. IN AREAS OF WORK, COORDINATE TEMPORARY RELOCATION OF FURNISHINGS & STORED ITEMS WITH OWNER AS REQUIRED TO PROPERLY ACCESS & COMPLETE WORK
 - B. PROVIDE TEMPORARY PROTECTION IN AREAS OF WORK AS REQ'D TO PREVENT DAMAGE TO ADJACENT CONSTRUCTION/FINISHES SCHEDULED TO REMAIN.
 - C. PROVIDE TEMPORARY PROTECTION/BARRIERS IN AREAS OF WORK AS REQ'D TO MINIMIZE SPREAD OF DUST & DEBRIS.
 - D. WHERE REMOVAL OF ORIGINAL MATERIAL IS SCHEDULED, SALVAGE & RETURN TO OWNER WHERE INDICATED.
 - E. COORDINATE POTENTIAL POWER/SERVICE OUTAGES WITH OWNER. PROVIDE MINIMUM 48 HOURS NOTICE PRIOR TO OUTAGE.
2. **EXTERIOR WINDOWS & WINDOW GRILLES:**
 - B. RESTORE WOOD WINDOW ASSEMBLIES AT THE BASEMENT LEVEL U.O.N. REMOVE & REINSTALL GRILLES AS REQUIRED TO ACCESS WINDOW TO COMPLETE WORK. REFER TO WINDOW SCHEDULE & GENERAL NOTES ON SHEET A-5.10 FOR SCOPE OF WORK.
 - C. REMOVE TEMPORARY PLYWD. PROTECTION & OR INTERIOR FINISHES TO ACCESS WINDOW ASSEMBLY & DISPOSE.
 - D. ASSUME ALL WINDOW ASSEMBLIES EXIST & SHALL BE RESTORED AS INDICATED.
3. **DOORS:** REFER TO DOOR SCHEDULE ON SHEET A-5.01 FOR SCOPE OF WORK.
4. **ATTIC:**
 - A. REMOVE DUST & DEBRIS, REMOVE BATT INSULATION 100%, REMOVE ABANDONED CABLING, CONDUIT, WIRING, ETC..., LEAVE VACUUM CLEAN.
 - B. REPLACE BATT INSULATION, PROVIDE BETWEEN CEILING FRAMING THROUGHOUT.
5. **SEALANT:** REPLACE SEALANT AT PERIMETER OF DOOR & WINDOW OPENINGS AT ASSEMBLIES SCHEDULED TO BE RESTORED & ELSEWHERE WHERE INDICATED ON THE DRAWINGS.
6. **ELECTRICAL REHABILITATION:** REF. ELECTRICAL DRAWINGS
 - A. NEW CONDUIT & DEVICES SHALL NOT BE EXPOSED IN PUBLIC & SECONDARY SPACES. EXPOSED CONDUIT & DEVICES ARE ACCEPTABLE IN MECHANICAL & ELECTRICAL ROOMS, JANITOR'S CLOSET, & ATTIC. DO NOT RUN CONDUIT/WIRE EXPOSED ON FACE OF BUILDING
7. **MEP:** REMOVE & REINSTALL MEP DEVICES & DISTRIBUTION LINES INCLUDING SECURITY, IT, & LIGHTNING PROTECTION, AS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT. REMOVE ABANDONED DEVICES & LINES IN AREA OF WORK, CAP ENDS U.O.N.
8. **HAZARDOUS MATERIALS ABATEMENT:** REFER TO LEAD PAINT REMOVAL WORK PLAN & ASBESTOS ABATEMENT PROJECT DESIGN IN THE APPENDIX OF THE PROJECT MANUAL FOR SCOPE OF WORK



1 Basement Floor Plan
Scale: 1/8" = 1'-0"

LEGEND

- NEW WALL / ELEMENT
- EXIST. WALLS TO REMAIN

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

ALTERNATE NO. 1:
PREP & PAINT EXTERIOR WOOD DOORS, B02, B04, 101, & 103.

ALTERNATE NO. 2:
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM



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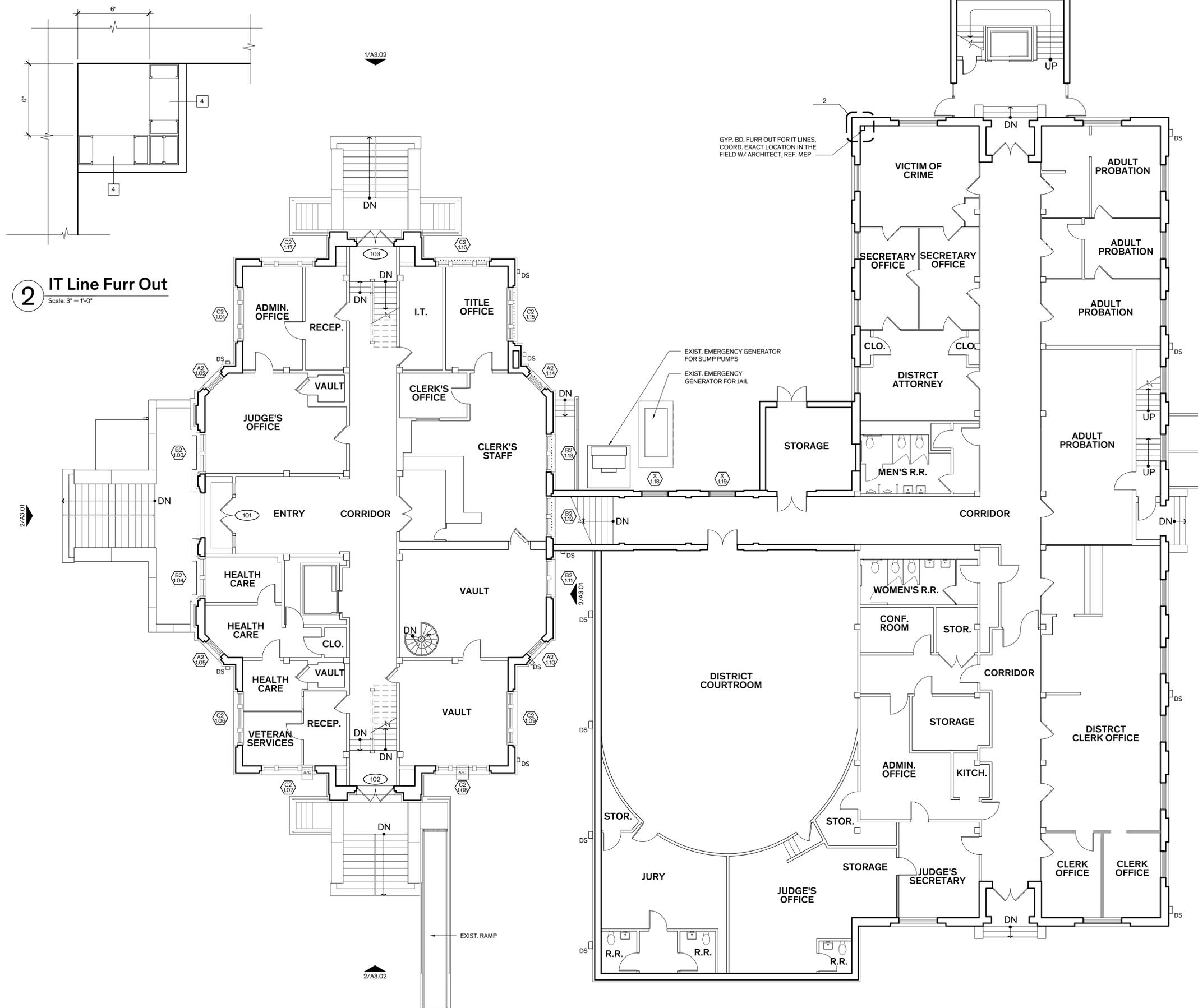
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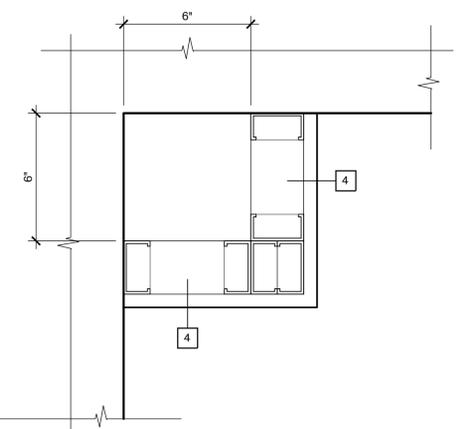
Architexas No. 2433 Date 6/19/2025

Sheet Name BASEMENT FLOOR PLAN

Sheet Number A-2.01



2 IT Line Furr Out
Scale: 3" = 1'-0"



GENERAL NOTES - PLANS

1. **GENERAL:**
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 - C. REMOVE TEMPORARY PLYWD. PROTECTION & OR INTERIOR FINISHES TO ACCESS WINDOW ASSEMBLY & DISPOSE.
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4. **ATTIC:**
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7. **MEP:** REMOVE & REINSTALL MEP DEVICES & DISTRIBUTION LINES INCLUDING SECURITY, IT, & LIGHTNING PROTECTION, AS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT. REMOVE ABANDONED DEVICES & LINES IN AREA OF WORK, CAP ENDS U.O.N.
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LEGEND

- NEW WALL / ELEMENT
- EXIST. WALLS TO REMAIN

ALTERNATES

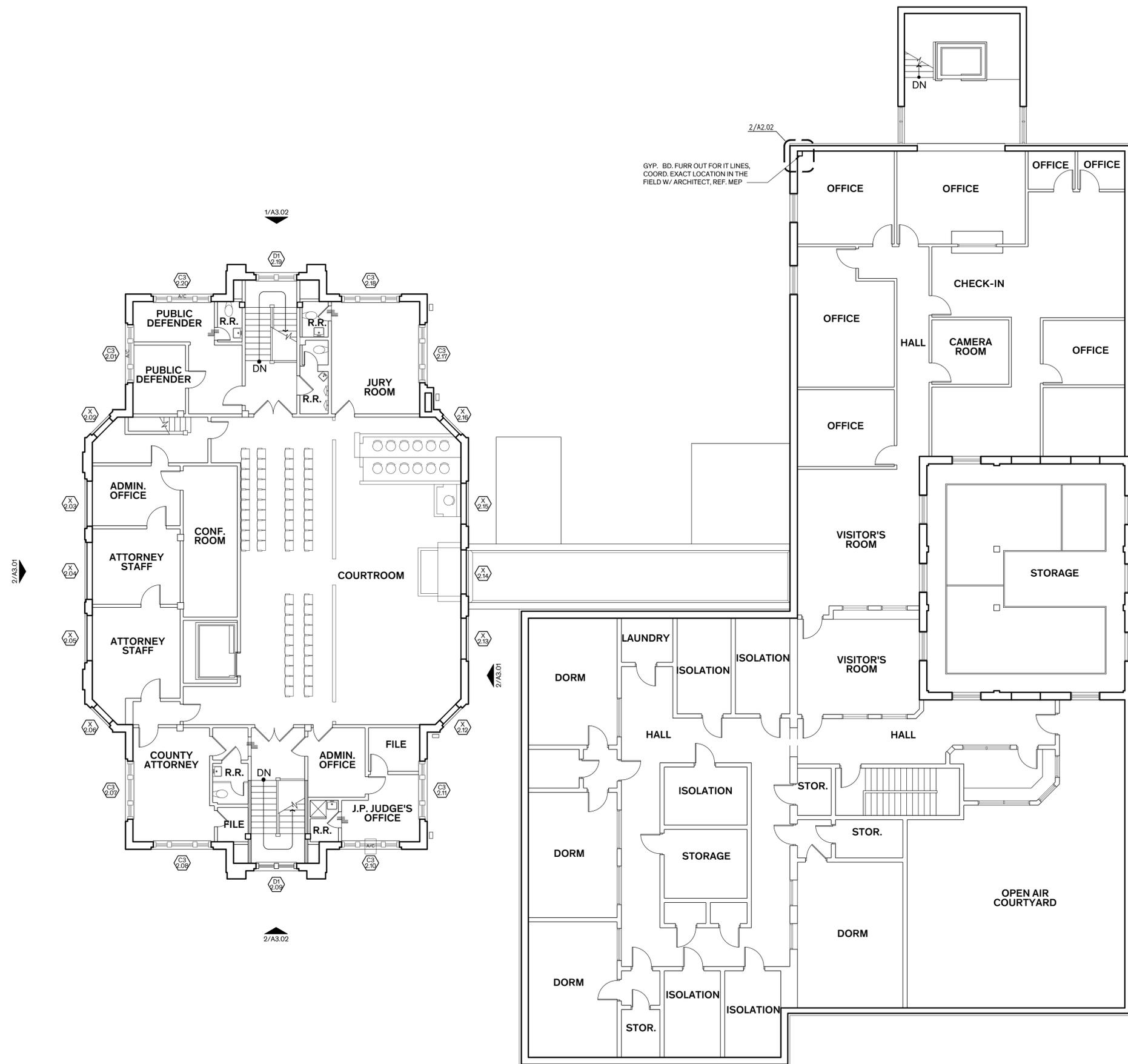
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1 First Floor Plan
Scale: 1/8" = 1'-0"
PLAN NORTH

Architexas No. 2433
Date 6/19/2025
Sheet Name FIRST FLOOR PLAN
Sheet Number

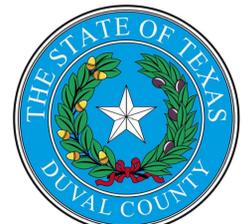


GYP. BD. FURR OUT FOR IT LINES. COORD. EXACT LOCATION IN THE FIELD W/ ARCHITECT, REF. MEP

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1 Second Floor Plan
Scale: 1/8" = 1'-0"
PLAN NORTH



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Architexas No. 2433 Date 6/19/2025

Sheet Name SECOND FLOOR PLAN

Sheet Number **A-2.03**

LEGEND

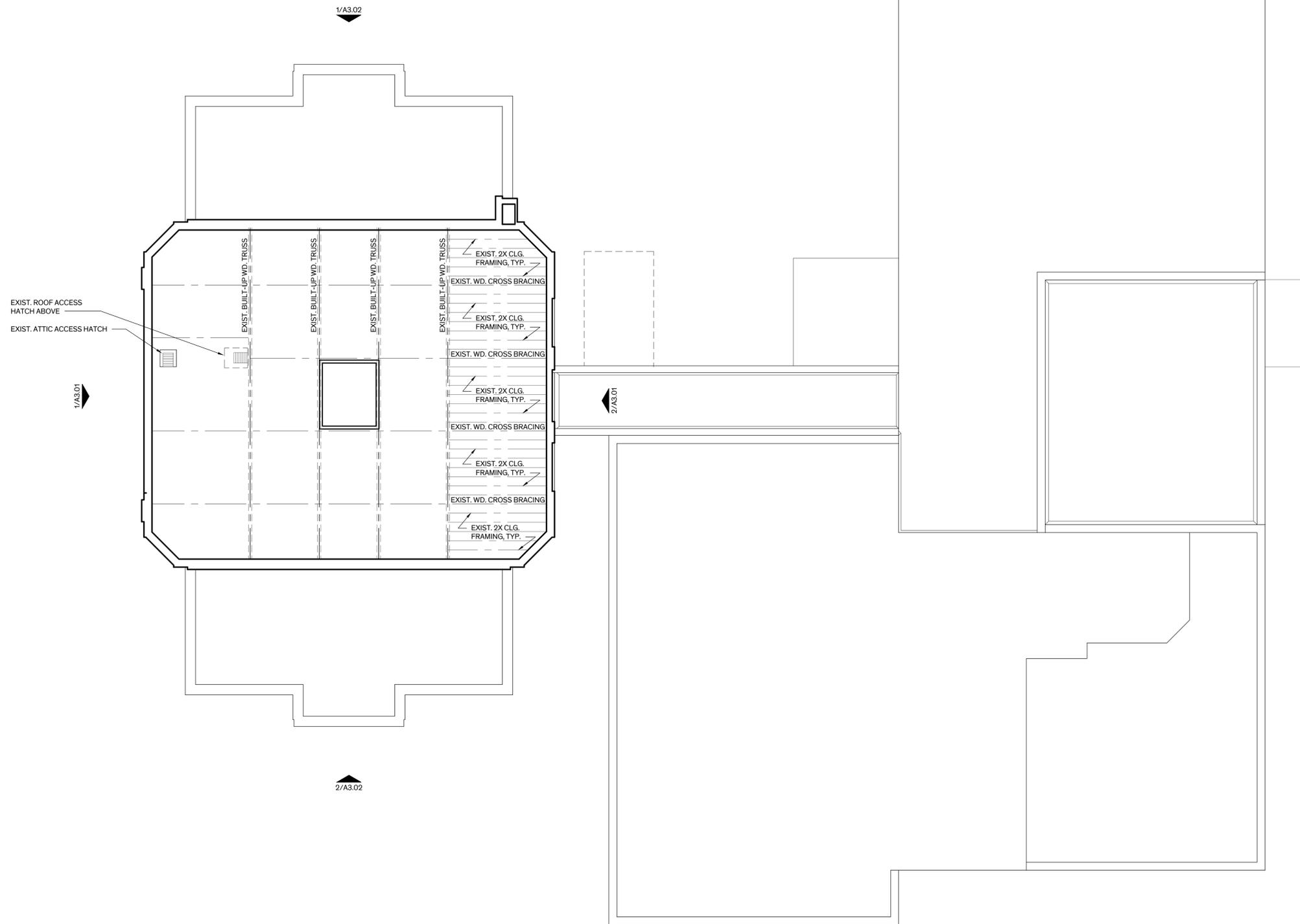
- NEW WALL / ELEMENT
- EXIST. WALLS TO REMAIN

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

ALTERNATE NO. 1:
PREP & PAINT EXTERIOR WOOD DOORS, B02, B04, 101, & 103.

ALTERNATE NO. 2:
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM



GENERAL NOTES - PLANS

1. **GENERAL:**
 - A. IN AREAS OF WORK, COORDINATE TEMPORARY RELOCATION OF FURNISHINGS & STORED ITEMS WITH OWNER AS REQUIRED TO PROPERLY ACCESS & COMPLETE WORK
 - B. PROVIDE TEMPORARY PROTECTION IN AREAS OF WORK AS REQ'D TO PREVENT DAMAGE TO ADJACENT CONSTRUCTION/FINISHES SCHEDULED TO REMAIN.
 - C. PROVIDE TEMPORARY PROTECTION/BARRIERS IN AREAS OF WORK AS REQ'D TO MINIMIZE SPREAD OF DUST & DEBRIS.
 - D. WHERE REMOVAL OF ORIGINAL MATERIAL IS SCHEDULED, SALVAGE & RETURN TO OWNER WHERE INDICATED.
 - E. COORDINATE POTENTIAL POWER/SERVICE OUTAGES WITH OWNER. PROVIDE MINIMUM 48 HOURS NOTICE PRIOR TO OUTAGE.
2. **EXTERIOR WINDOWS & WINDOW GRILLES:**
 - B. RESTORE WOOD WINDOW ASSEMBLIES AT THE BASEMENT LEVEL U.O.N. REMOVE & REINSTALL GRILLES AS REQUIRED TO ACCESS WINDOW TO COMPLETE WORK. REFER TO WINDOW SCHEDULE & GENERAL NOTES ON SHEET A-5.10 FOR SCOPE OF WORK.
 - C. REMOVE TEMPORARY PLYWD. PROTECTION & OR INTERIOR FINISHES TO ACCESS WINDOW ASSEMBLY & DISPOSE.
 - D. ASSUME ALL WINDOW ASSEMBLIES EXIST & SHALL BE RESTORED AS INDICATED.
3. **DOORS:** REFER TO DOOR SCHEDULE ON SHEET A-5.01 FOR SCOPE OF WORK.
4. **ATTIC:**
 - A. REMOVE DUST & DEBRIS, REMOVE BATT INSULATION 100%, REMOVE ABANDONED CABLING, CONDUIT, WIRING, ETC..., LEAVE VACUUM CLEAN.
 - B. REPLACE BATT INSULATION, PROVIDE BETWEEN CEILING FRAMING THROUGHOUT.
5. **SEALANT:** REPLACE SEALANT AT PERIMETER OF DOOR & WINDOW OPENINGS AT ASSEMBLIES SCHEDULED TO BE RESTORED & ELSEWHERE WHERE INDICATED ON THE DRAWINGS.
6. **ELECTRICAL REHABILITATION:** REF. ELECTRICAL DRAWINGS
 - A. NEW CONDUIT & DEVICES SHALL NOT BE EXPOSED IN PUBLIC & SECONDARY SPACES. EXPOSED CONDUIT & DEVICES ARE ACCEPTABLE IN MECHANICAL & ELECTRICAL ROOMS, JANITOR'S CLOSET, & ATTIC. DO NOT RUN CONDUIT/WIRE EXPOSED ON FACE OF BUILDING
7. **MEP:** REMOVE & REINSTALL MEP DEVICES & DISTRIBUTION LINES INCLUDING SECURITY, IT, & LIGHTNING PROTECTION, AS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT. REMOVE ABANDONED DEVICES & LINES IN AREA OF WORK, CAP ENDS U.O.N.
8. **HAZARDOUS MATERIALS ABATEMENT:** REFER TO LEAD PAINT REMOVAL WORK PLAN & ASBESTOS ABATEMENT PROJECT DESIGN IN THE APPENDIX OF THE PROJECT MANUAL FOR SCOPE OF WORK



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Architexas No. 2433 | **Date** 6/19/2025

Sheet Name ATTIC PLAN

Sheet Number A-2.04

LEGEND

- NEW WALL / ELEMENT
- EXIST. WALLS TO REMAIN

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

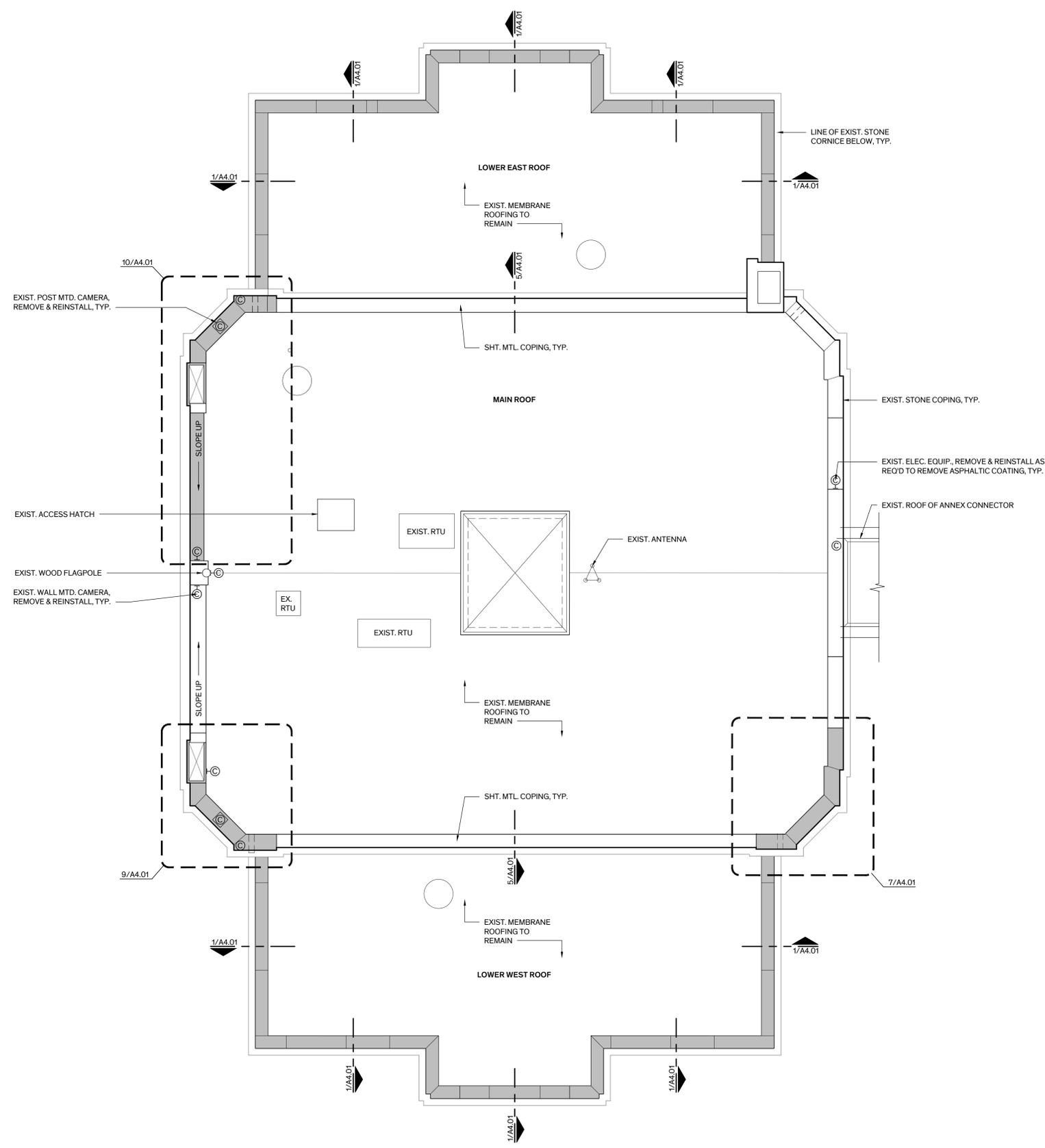
ALTERNATE NO. 1:
 PREP & PAINT EXTERIOR WOOD DOORS, B02, B04, 101, & 103.

ALTERNATE NO. 2:
 REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM

1 Attic Plan
 Scale: 1/8" = 1'-0"
 PLAN NORTH

GENERAL NOTES - ROOF PLAN

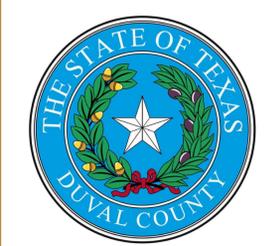
- PROTECTION:** THE EXIST. MEMBRANE ROOFING SYSTEMS AT THE MAIN ROOF & EAST & WEST LOWER ROOFS ARE STILL UNDER WARRANTY. FULLY PROTECT ROOFING FOR THE DURATION OF THE PROJECT WITH 1/2" THICK PLYWOOD OVER 1" THICK RIGID INSULATION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING DAMAGE TO THE ROOFING RESULTING FROM THE WORK OF THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER. REPAIRS MUST BE APPROVED BY THE ROOFING MANUFACTURER & SHALL NOT AFFECT THE WARRANTY.
- COPING STONES:**
 - REMOVE & REPLACE COPING STONES DAMAGED BY FASTENER INSTALLATION FOR PARAPET MEMBRANE FLASHING & TERMINATION BAR. ASSUME COPING STONES SHALL BE REPLACED 100% AT EAST & WEST LOWER ROOFS & SELECTIVELY REPLACED WHERE INDICATED AT MAIN ROOF.
 - PRIOR TO REMOVAL OF COPING STONES, PROVIDE STONE SHOP DRAWING SUBMITTAL, FULLY DOCUMENTING EACH STONE SCHEDULED FOR REPLACEMENT, INCLUDE PROFILE OF EACH DIFFERENT TYPE OF UNIT, LENGTH OF EACH UNIT, & FINISHED SURFACES. DIMENSIONS & PROFILES OF REPLACEMENT UNITS SHALL MATCH EXISTING EXACTLY.
 - PROVIDE SHEET METAL COPING FLASHING BETWEEN COPING STONE & BRICK MASONRY PARAPET.
 - PROVIDE TWO-PIECE SHEET METAL COUNTERFLASHING REGLETED INTO MORTAR JOINT BETWEEN COPING STONE & BRICK MASONRY PARAPET. TERMINATE PARAPET MEMBRANE FLASHING WITH TERMINATION BAR, FULLY SEALED, UNDERNEATH COUNTERFLASHING AS SHOWN.
 - AT COPING STONES SCHEDULED TO REMAIN, REMOVE ASPHALTIC COATING & TAR PAPER 100%. CHEMICALLY CLEAN ASPHALT RESIDUE 100% AS SPECIFIED. FOLLOWING COATING REMOVAL, CONTACT ARCHITECT TO REVIEW CONDITION OF STONES & TO VERIFY IF ADDITIONAL REPLACEMENT IS REQUIRED.
 - PROVIDE LEAD WEATHERCAP AT COPING STONE JOINTS 100%.
 - REMOVE & REINSTALL ELEMENTS ON COPING STONES & PARAPET WALLS ASSOCIATED WITH SECURITY, IT, & LIGHTNING PROTECTION SYSTEMS. ENSURE SYSTEMS ARE RESTORED TO CONDITION FOUND AT THE START OF THE PROJECT.
 - REINSTALL LIGHTNING PROTECTION CABLING & DEVICES WITH ADHESIVE TYPE PLATES. DO NOT MECHANICALLY FASTEN INTO COPING STONES.
 - AT POLE MOUNTED DEVICES WHERE REINSTALLED AT NEW COPING STONES, PRE-DRILL STONE & USE ADHESIVE ANCHORS TO PREVENT DAMAGE. FULLY SET PLATE IN FULL BED OF SEALANT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF DAMAGED COPING STONES RESULTING FROM REINSTALLATION OF DEVICES WITH MECHANICAL FASTENERS AT NO ADDITIONAL COST TO THE OWNER.
 - REMOVE & REPLACE FORMED SHEET METAL COPING FLASHING AT EAST & WEST SIDES OF MAIN ROOF PER DET. 5/A-4.01.
- ELECTRICAL REHABILITATION:** REF. ELECTRICAL DRAWINGS
 - MODIFY POWER CONNECTION TO EXIST. CONDENSER UNITS FOR CODE COMPLIANCE.
 - REMOVE ABANDONED CABLING, CONDUIT, WIRING, ETC... AT MAIN & LOWER ROOFS. PATCH HOLES AT REMOVED ELEMENTS & WHERE THERE IS THE POTENTIAL FOR WATER INFILTRATION AS DETERMINED BY THE ARCHITECT.
- HAZARDOUS MATERIALS ABATEMENT:** REFER TO LEAD PAINT REMOVAL WORK PLAN & ASBESTOS ABATEMENT PROJECT DESIGN IN THE APPENDIX OF THE PROJECT MANUAL FOR SCOPE OF WORK.



1 Roof Plan
Scale: 3/16" = 1'-0"
PLAN NORTH

LEGEND

- COPING STONE TO BE REPLACED
- EXIST. POST MTD. CAMERA &/OR IT DEVICE
- C EXIST. WALL MTD. CAMERA &/OR IT DEVICE
- C EXIST. CAMERA MTD. TO PARAPET



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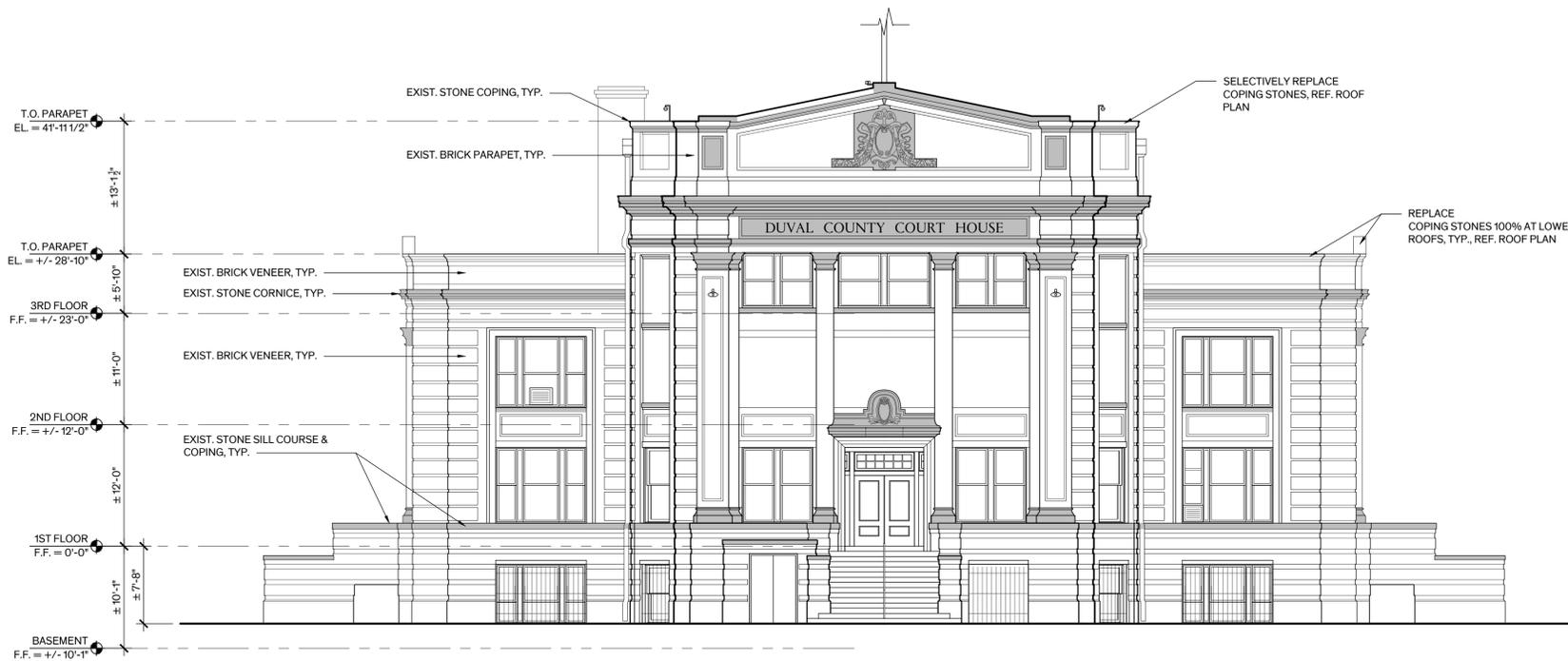
Architexas No. 2433	Date 6/19/2025
Sheet Name ROOF PLAN	
Sheet Number A-2.10	

GENERAL NOTES - EXT. ELEV.

- EXTERIOR WINDOWS & WINDOW GRILLES:** RESTORE WOOD WINDOW ASSEMBLIES AT THE BASEMENT LEVEL U.O.N. REMOVE & REINSTALL GRILLES AS REQUIRED TO ACCESS WINDOW TO COMPLETE WORK. REFER TO WINDOW SCHEDULE & GENERAL NOTES ON SHEET A-5.10 FOR SCOPE OF WORK.
- DOORS:** REFER TO DOOR SCHED. ON SHT. A-5.01 FOR SCOPE OF WORK.
- ROOF:** REPLACE COPING STONES 100% AT EAST & WEST LOWER ROOFS & SELECTIVELY REPLACE AT MAIN ROOF WHERE INDICATED ON THE DRAWINGS. REFER TO ROOF PLAN, SHT. A-2.10 FOR SCOPE OF WORK.
- SEALANT:** REPLACE SEALANT AT PERIMETER OF DOOR & WINDOW OPENINGS AT ASSEMBLIES SCHEDULED TO BE RESTORED. AT NEW PENETRATIONS, & ELSEWHERE WHERE INDICATED ON THE DRAWINGS.
- PAINTING:**
 - WOOD WINDOW ASSEMBLIES WHERE RESTORED OR REPLACED.
 - WOOD DOOR ASSEMBLIES WHERE RESTORED OR REPLACED.
 - METAL WINDOW GRILLES, TOUCH-UP PAINTING AT THE BASEMENT LEVEL WHERE REMOVED & REINSTALLED.
 - SHEET METAL COPING, WHERE EXPOSED TO VIEW
- ELECTRICAL REHABILITATION:** REF. ELECTRICAL DRAWINGS. AT REMOVED CONDUIT & DEVICES PROPERLY REPAIR/PATCH BRICK & STONE MASONRY AS SPECIFIED REF. SPEC. SECTION 04905-MASONRY RESTORATION.
- MEP:**
 - REMOVE & REINSTALL MEP DEVICES & ASSOCIATED DISTRIBUTION LINES, INCLUDING SECURITY, LIGHTNING PROTECTION, & IT, AS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT.
 - REMOVE ABANDONED DEVICES & ASSOCIATED DISTRIBUTION LINES IN AREA OF WORK & ELSEWHERE WHERE INDICATED ON THE DRAWINGS, CAP ENDS U.O.N.
 - AT REMOVED DEVICES/LINES, PROPERLY REPAIR/PATCH BRICK & STONE MASONRY AS SPECIFIED, REF. SPEC. SECT. 04905 - MASONRY RESTORATION.
 - COORDINATE POTENTIAL POWER/SERVICE OUTAGES WITH OWNER, PROVIDE MINIMUM 48 HOURS NOTICE PRIOR TO OUTAGE.



2 South Elevation
Scale: 1/8" = 1'-0"



1 North Elevation
Scale: 1/8" = 1'-0"

LEGEND

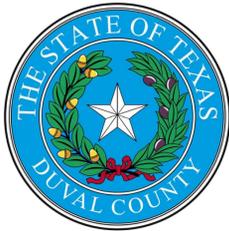
- EXIST. STONE ELEMENTS
- MASONRY PATCH AT REMOVED ELEC DEVICES, REF. MEP
- ABANDONED DISTRIBUTION LINES TO BE REMOVED, PATCH HOLES IN MASONRY, REF. MEP

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION OF WORK

ALTERNATE NO. 1:
PREP & PAINT EXTERIOR WOOD DOORS B02, B04, 101, & 103.

ALTERNATE NO. 3:
REMOVE PAINT COATINGS FROM EXIST. EXTERIOR STONE ELEMENTS TO EXPOSE NATURAL STONE FINISH.



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Architexas No. 2433 Date 6/19/2025

Sheet Name
NORTH & SOUTH EXTERIOR ELEVATIONS

Sheet Number

A-3.01

GENERAL NOTES - EXT. ELEV.

- EXTERIOR WINDOWS & WINDOW GRILLES:** RESTORE WOOD WINDOW ASSEMBLIES AT THE BASEMENT LEVEL U.O.N. REMOVE & REINSTALL GRILLES AS REQUIRED TO ACCESS WINDOW TO COMPLETE WORK. REFER TO WINDOW SCHEDULE & GENERAL NOTES ON SHEET A-5.10 FOR SCOPE OF WORK.
- DOORS:** REFER TO DOOR SCHED. ON SHT. A-5.01 FOR SCOPE OF WORK.
- ROOF:** REPLACE COPING STONES 100% AT EAST & WEST LOWER ROOFS & SELECTIVELY REPLACE AT MAIN ROOF WHERE INDICATED ON THE DRAWINGS. REFER TO ROOF PLAN, SHT. A-2.10 FOR SCOPE OF WORK.
- SEALANT:** REPLACE SEALANT AT PERIMETER OF DOOR & WINDOW OPENINGS AT ASSEMBLIES SCHEDULED TO BE RESTORED. AT NEW PENETRATIONS, & ELSEWHERE WHERE INDICATED ON THE DRAWINGS.
- PAINTING:**
 - WOOD WINDOW ASSEMBLIES WHERE RESTORED OR REPLACED.
 - WOOD DOOR ASSEMBLIES WHERE RESTORED OR REPLACED.
 - METAL WINDOW GRILLES, TOUCH-UP PAINTING AT THE BASEMENT LEVEL WHERE REMOVED & REINSTALLED.
 - SHEET METAL COPING, WHERE EXPOSED TO VIEW
- ELECTRICAL REHABILITATION:** REF. ELECTRICAL DRAWINGS. AT REMOVED CONDUIT & DEVICES PROPERLY REPAIR/PATCH BRICK & STONE MASONRY AS SPECIFIED REF. SPEC. SECTION 04905-MASONRY RESTORATION.
- MEP:**
 - REMOVE & REINSTALL MEP DEVICES & ASSOCIATED DISTRIBUTION LINES, INCLUDING SECURITY, LIGHTNING PROTECTION, & IT, AS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT.
 - REMOVE ABANDONED DEVICES & ASSOCIATED DISTRIBUTION LINES IN AREA OF WORK & ELSEWHERE WHERE INDICATED ON THE DRAWINGS, CAP ENDS U.O.N.
 - AT REMOVED DEVICES/LINES, PROPERLY REPAIR/PATCH BRICK & STONE MASONRY AS SPECIFIED, REF. SPEC. SECT. 04905 - MASONRY RESTORATION.
 - COORDINATE POTENTIAL POWER/SERVICE OUTAGES WITH OWNER, PROVIDE MINIMUM 48 HOURS NOTICE PRIOR TO OUTAGE.



2 West Elevation
Scale: 1/8" = 1'-0"



1 East Elevation
Scale: 1/8" = 1'-0"

LEGEND

- EXIST. STONE ELEMENTS
- MASONRY PATCH AT REMOVED ELEC DEVICES, REF. MEP
- ABANDONED DISTRIBUTION LINES TO BE REMOVED, PATCH HOLES IN MASONRY, REF. MEP

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION OF WORK

ALTERNATE NO. 1:
PREP & PAINT EXTERIOR WOOD DOORS B02, B04, 101, & 103.

ALTERNATE NO. 3:
REMOVE PAINT COATINGS FROM EXIST. EXTERIOR STONE ELEMENTS TO EXPOSE NATURAL STONE FINISH.



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Architexas No. 2433 Date 6/19/2025

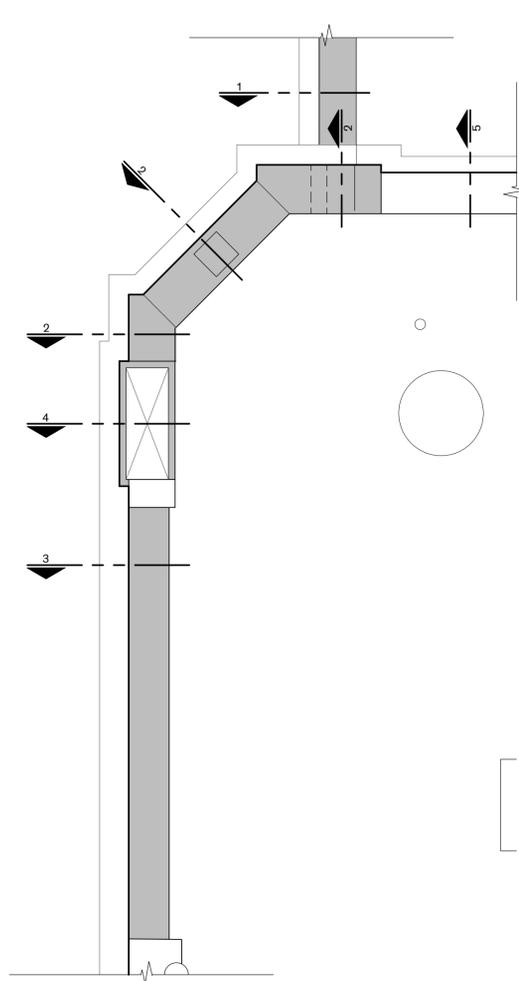
Sheet Name EAST & WEST EXTERIOR ELEVATIONS

Sheet Number

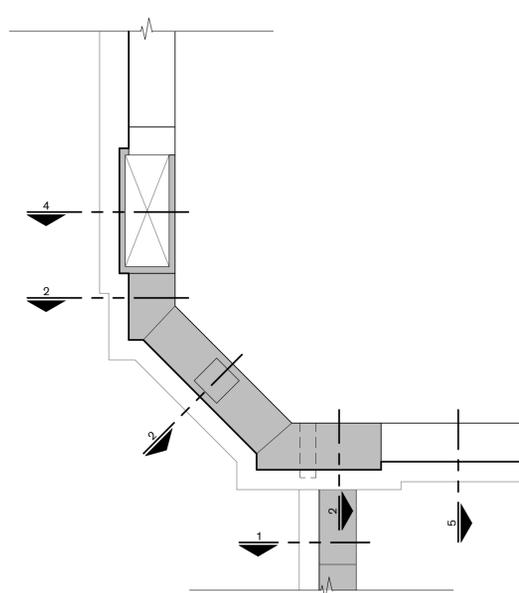
A-3.02

LEGEND - DETAILS

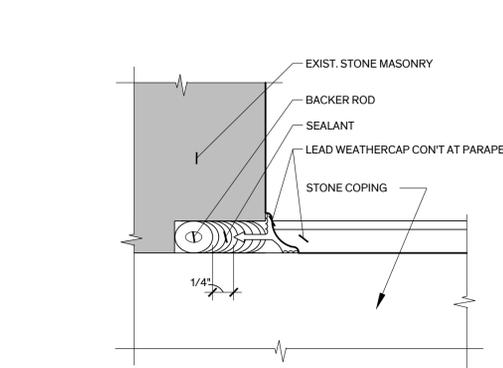
EXIST. CONSTRUCTION



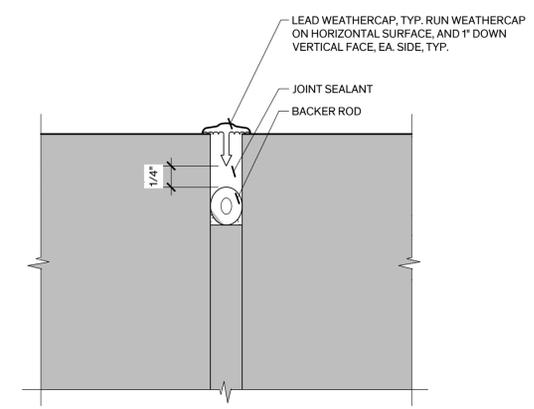
10 Enlarged Roof Plan
 Scale: 3/8" = 1'-0"



9 Enlarged Roof Plan
 Scale: 3/8" = 1'-0"



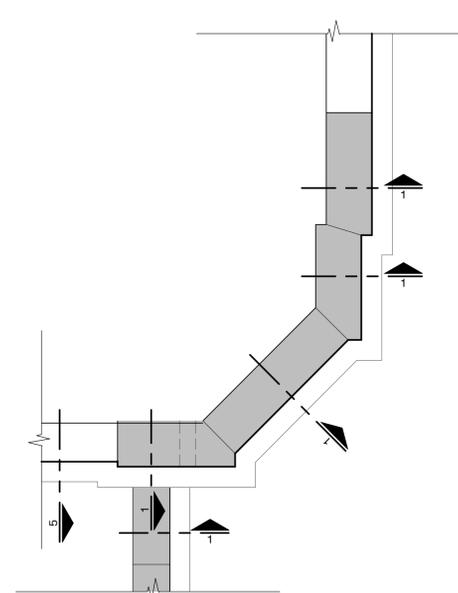
8 Lead Weather Cap Det.
 Scale: Full



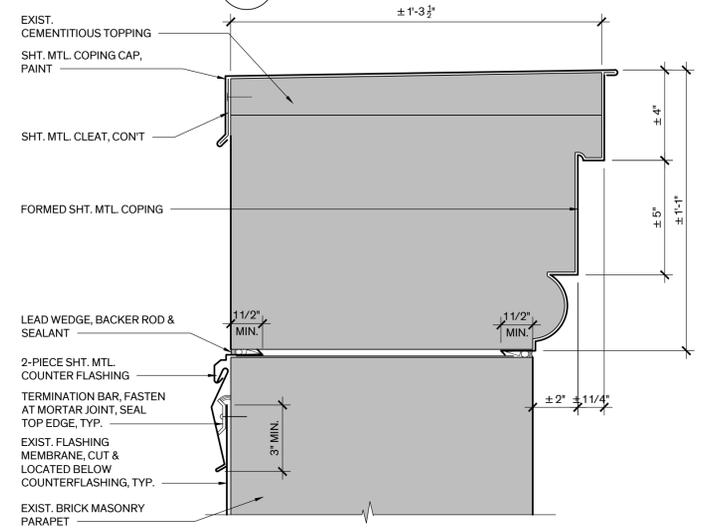
6 Lead Weather Cap Det.
 Scale: Full

LEGEND - ENLARGED PLANS

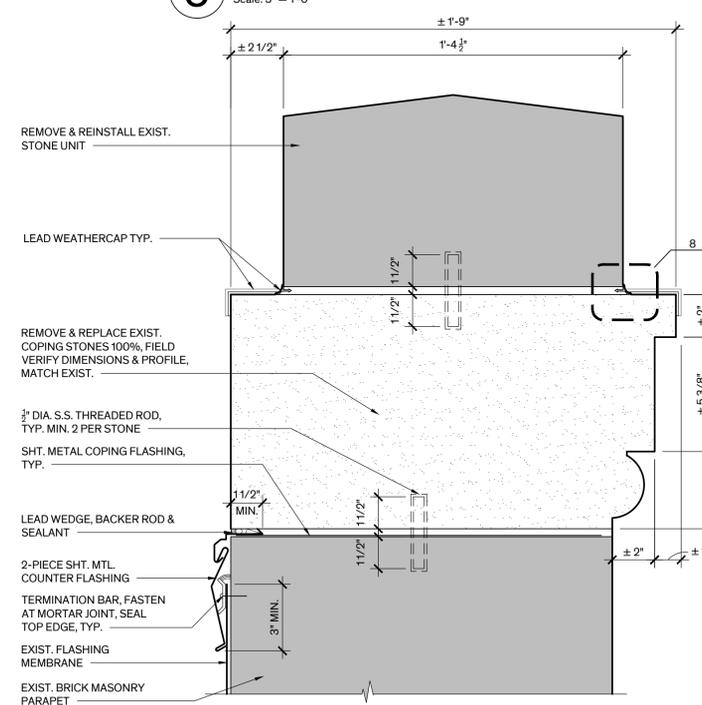
COPING STONES TO BE REPLACED



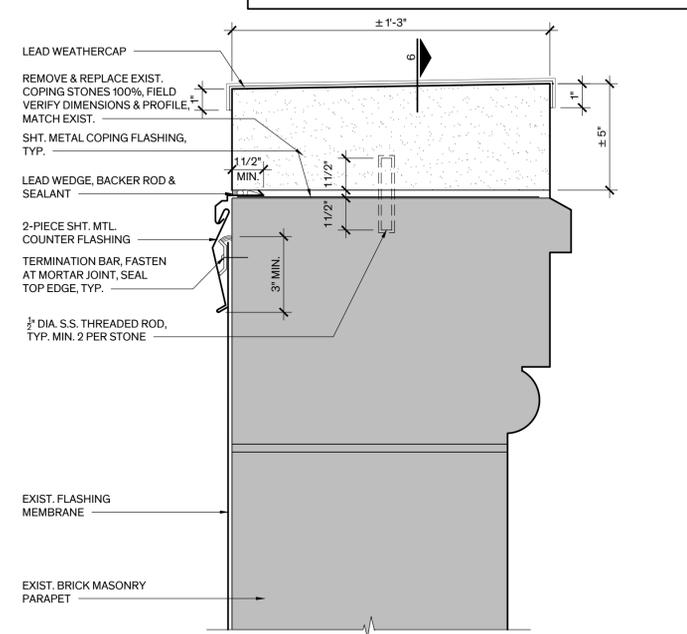
7 Enlarged Roof Plan
 Scale: 3/8" = 1'-0"



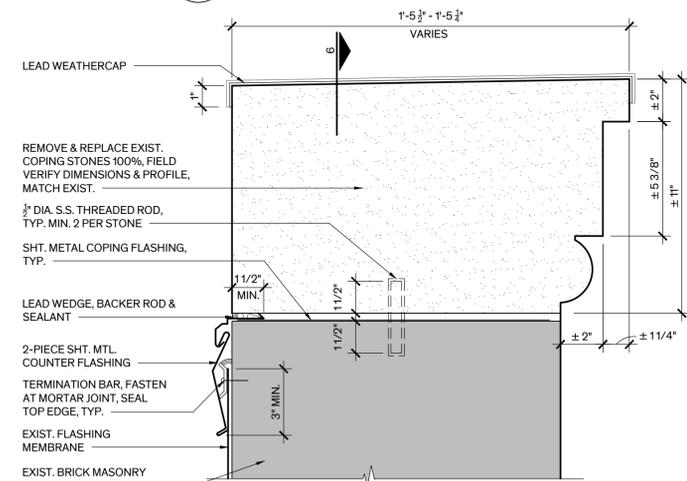
5 Parapet Det.
 Scale: 3" = 1'-0"



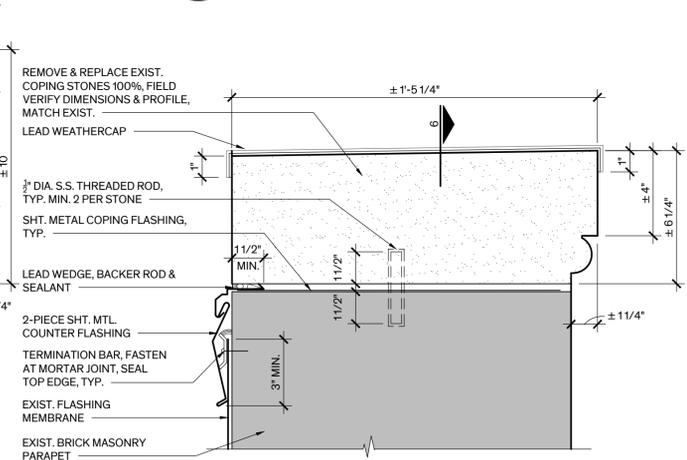
4 Parapet Det. - Stone Type D
 Scale: 3" = 1'-0"



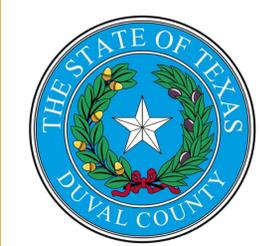
3 Parapet Det. - Stone Type A
 Scale: 3" = 1'-0"



2 Parapet Det. - Stone Type C
 Scale: 3" = 1'-0"



1 Parapet Det. - Stone Type B
 Scale: 3" = 1'-0"



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 1. Issued for Bid June 19, 2025



Architexas No. 2433 Date 6/19/2025

Sheet Name ROOF DETAILS

Sheet Number **A-4.01**

BASEMENT LEVEL

DOOR #	DOORS		CASINGS		DOOR SIZE (V.I.F.)	TYPE		MATERIAL				DETAILS				HARDWARE SET NO.	RATED	REMARKS
	NEW	EXST.	NEW	EXST.		DOOR	CASING	DOOR	FRAME	HEAD	JAMB	THRESH	TRANSOM	HEAD	JAMB			
B03	●	●	●	●	3'-0" x 7'-0" x 1 3/4"	B	-	WOOD	HM	-	-	6/A-5.01	-	-	-	B	-	FLIP DOOR SWING. RESTORE DOOR, ALT. NO. 2
B04	●	●	●	●	2'-10" X 7'-0" X 1 3/4"	A	-	HM	HM	5/A-5.01	5/A-5.01	6/A-5.01	-	-	A	-	ALT. NO. 2	

FIRST FLOOR LEVEL

DOOR #	DOORS		CASINGS		DOOR SIZE (V.I.F.)	TYPE		MATERIAL				DETAILS				HARDWARE SET NO.	RATED	REMARKS
	NEW	EXST.	NEW	EXST.		DOOR	CASING	DOOR	FRAME	HEAD	JAMB	THRESH	TRANSOM	HEAD	JAMB			
102	●	●	●	●	PAIR 43'-0" x 46'-11" x 2 1/4"	E1	-	Wood / Glass	Wood	-	-	-	-	-	-	E1	-	RECONSTRUCT DOORS

GENERAL NOTES - DOORS

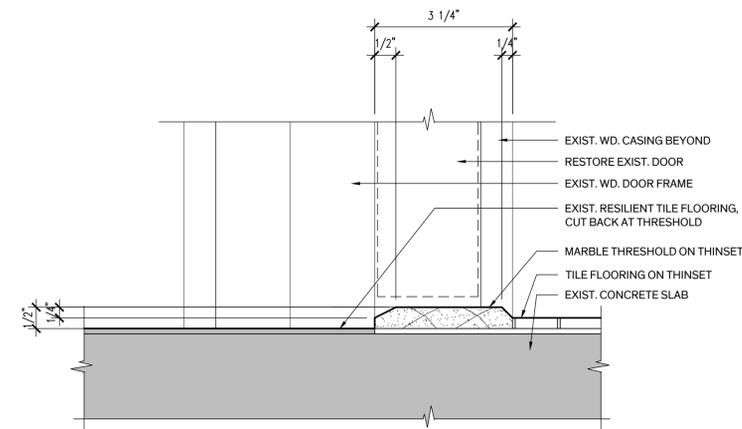
- EXTERIOR WOOD DOORS:
 - DOOR 102: RECONSTRUCT DOORS, MATCH ORIGINAL CONSTRUCTION, DIMENSIONS, PROFILE, WOOD SPECIES, ETC... PROVIDE STAINED/CLEAR FINISH ON INTERIOR & PAINTED FINISH ON EXTERIOR.
 - DOOR B03: (ALTERNATE NO. 2) RESTORE DOOR ASSEMBLY INCLUDING FRAME & CASINGS, WORK GENERALLY INCLUDES: REPLACE RECESSED DOOR PANEL IN-KIND, STRIP REMAINING STILE & RAILS, FRAME & CASINGS TO BARE WOOD, PROVIDE WOOD DUTCHMAN REPAIRS AT ABANDONED HARDWARE LOCATIONS, CLOSE GAP AT JOINTS TO ORIGINAL TIGHT FIT, RE-SECURE LOOSE & MISALIGNED CASING & TRIM, REFINISH DOOR ASSEMBLY TO MATCH ORIGINAL STAINED/CLEAR FINISH.

ALTERNATES

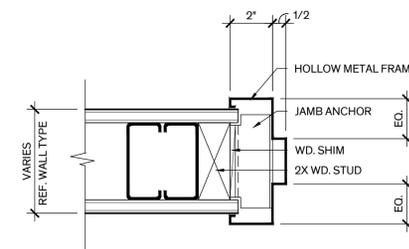
REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

ALTERNATE NO. 1
PREP & PAINT EXTERIOR WOOD DOOR ASSEMBLIES, B02, B04, 101, & 103.

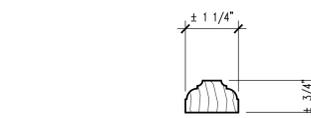
ALTERNATE NO. 2
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM.



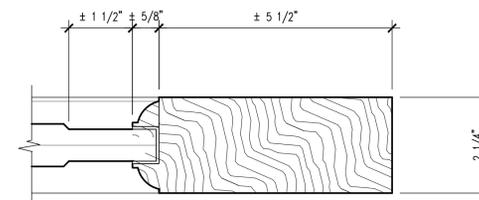
6 Threshold Det.
Scale: 6" = 1'-0"



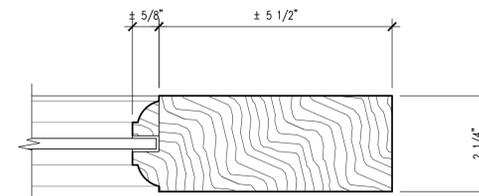
5 Door Jamb Det., Head Sim.
Scale: 3" = 1'-0"



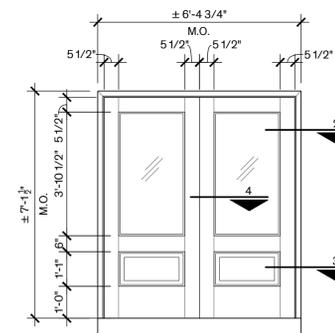
4 Historic Astragal Det.
Scale: 6" = 1'-0"



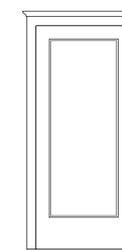
3 Historic Panel Mold Detail
Scale: 6" = 1'-0"



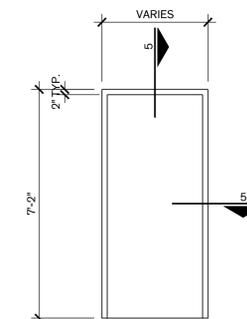
2 Historic Glazing Bead Detail
Scale: 6" = 1'-0"



E1
EXIST. HISTORIC OR RECONSTRUCTED WOOD DOOR W/WOOD & GLASS PANEL, BASEMENT & 1ST FLOOR

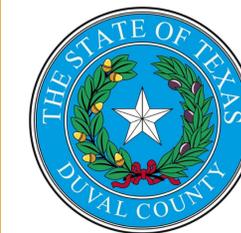


B
EXIST. WD. DOOR, RESTROOM



A
NEW HM DOOR & FRAME, BASEMENT JANITOR'S CLOSET

1 Door Types
Scale: 3/8" = 1'-0"



DUVAL COUNTY
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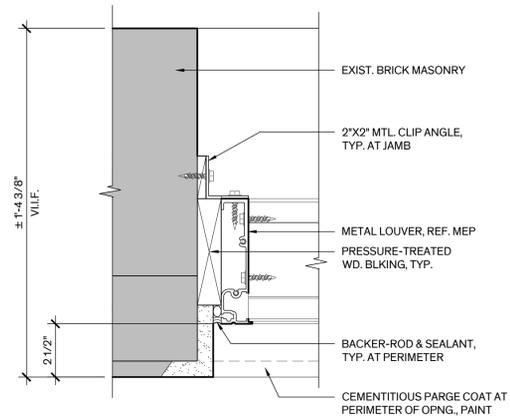
Architexas No. 2433 Date 6/19/2025

Sheet Name
DOOR SCHEDULE, TYPES,
NOTES, & DETAILS

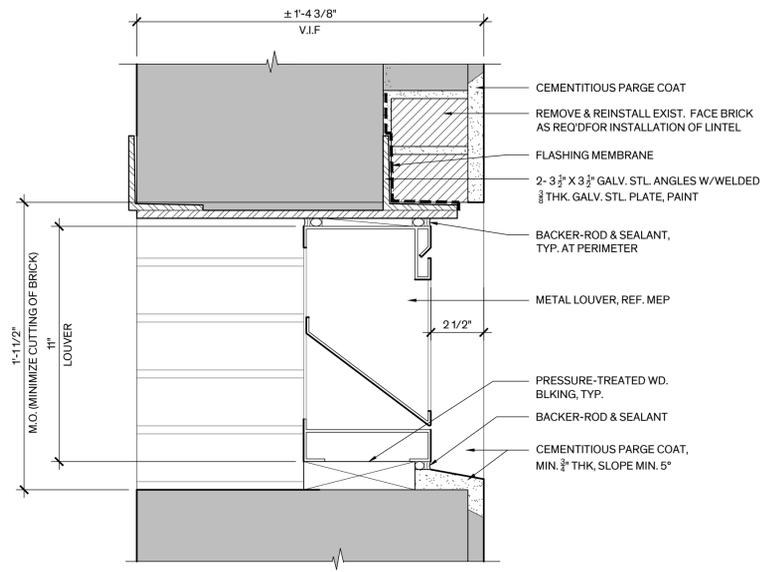
Sheet Number

WINDOW SCHEDULE

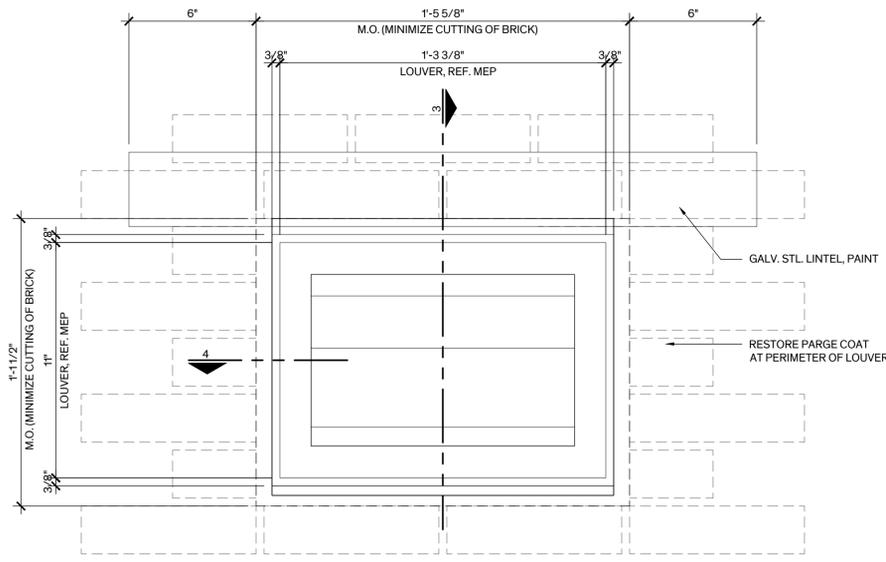
NO.	CONDITIONS		WINDOW OPENING SIZE (V.I.F.)	TYPE	MATERIAL	DETAILS			REMARKS
	NEW	EXIST.				SILL	HEAD	JAMB	
B01	●	●	±9'-0" X 5'-3 1/2"	C1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B02	●	●	±2'-8" X 5'-3 1/2"	A1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B03	●	●	±2'-8" X 5'-3 1/2"	A1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	Ext. Plywood Over Window
B04	●	●	±2'-8" X 5'-3 1/2"	A1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	C. 1918-1938 Addition per M.P.
B05	●	●	±6'-6 3/4" X 5'-3 1/2"	B1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	Ext. Plywood Over Window; Int. Blocked Up
B06	●	●	±2'-8" X 5'-3 1/2"	A1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B07	●	●	±2'-8" X 5'-3 1/2"	A1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B08	●	●	±9'-0" X 5'-3 1/2"	C1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B09	●	●	±9'-0" X 5'-3 1/2"	C1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B10	●	●	±9'-0" X 5'-3 1/2"	C1	Metal / Glass	-	-	-	N.I.C., Plywood Over Window
B11	●	●	±9'-0" X 5'-3 1/2"	C1	Metal / Glass	-	-	-	N.I.C., Plywood Over Window
B12	●	●	±2'-8" X 5'-3 1/2"	A1	Metal / Glass	-	-	-	N.I.C., Exist. Stone Lintel
B13	●	●	±6'-6 3/4" X 5'-3 1/2"	B1	Metal / Glass	-	-	-	N.I.C., Exist. Stone Lintel
B14	●	●	±2'-8" X 5'-3 1/2"	A1	Wood / Glass	-	-	-	N.I.C., Exist. Stone Lintel; Opng. Blocked Up W/Brick
B15	●	●	±9'-0" X 5'-3 1/2"	C1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B16	●	●	±9'-0" X 5'-3 1/2"	C1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	
B17	●	●	±9'-0" X 5'-3 1/2"	C1	Wood / Glass	1/A5.11	3/A5.11	4 & 5/A5.11	



4 Jamb Det. - Alt. No. 2
Scale: 3" = 1'-0"

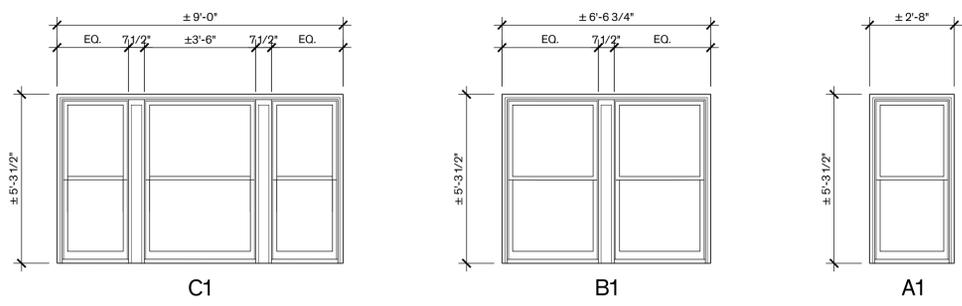


3 Sect. Thru Louver - Alt. No. 2
Scale: 3" = 1'-0"



2 Louver Elevation - Alt. No. 2
Scale: 3" = 1'-0"

BASEMENT
F.F. = -10'-1"



1 Window Types
Scale: 1/4" = 1'-0"

GENERAL NOTES

- EXIST. WINDOWS & WINDOW GRILLES:
 - RESTORE WOOD WINDOW ASSEMBLIES AT THE BASEMENT LEVEL U.O.N. WORK GENERALLY INCLUDES: REPLACEMENT OF SASHES, GLASS, PARTING STRIP, & EXTERIOR MULLION TRIM; RESTORATION OF FRAME, BLIND STOP, SILL, BRICK MOLD & INTERIOR STOPS; NO WORK TO INTERIOR JAMB & HEAD EXTENSIONS, CASINGS, STOOL, APRON, & TRIM. REPLACEMENT OF MISSING OR DETERIORATED ELEMENTS BEYOND REPAIR SHALL BE REPLACED UNDER ALLOWANCES AS DETERMINED BY UNIT PRICES, REFER TO SPEC. SECTS. 0120 & 01226.
 - HARDWARE: REPLACE SASH LOCKS, PULLS & LIFTS WHERE MISSING OR DETERIORATED BEYOND REPAIR; REPLACE SASH CHAINS 100%; PROVIDE ADDITIONAL SASH WEIGHTS TO ACCOMMODATE THICKER GLASS; REINFORCE LOWER RAIL OF UPPER SASH FOR HEAVIER GLASS; FIX UPPER SASHES WITH STAINLESS STEEL ANGLES EMBEDDED IN UPPER SASH & FRAME PER DET. 8/A-5.11 PROVIDE WEATHERSTRIPPING PER DETS. 6, 7, 8, & 9/A-5.11.
- WINDOW TREATMENT: REMOVE WINDOW TREATMENT ENTIRELY INCLUDING BRACKETS & FASTENERS.
- REMOVE & REINSTALL GRILLES AS REQUIRED TO ACCESS WINDOW TO COMPLETE WORK. TOUCH-UP PAINT.
- TEMPORARY PROTECTION: PROVIDE TEMPORARY ENCLOSURES FOR WINDOW OPENINGS AS REQUIRED FOR SECURITY & TO ENSURE BUILDING IS WEATHERTIGHT.
- SEALANTS:
 - REMOVE & REPLACE PERIMETER SEALANT 100%.
 - AT FIXED SASHES, SEAL PERIMETER OF SASH.
- WINDOW FINISH: AT WINDOWS SCHEDULED FOR RESTORATION, PAINT EXTERIOR SURFACE, ASSUME TWO COLOR SCHEME, SASHES ONE COLOR & FRAME, BRICK MOLD & SILL A SECOND COLOR. STAIN INTERIOR SURFACES OF REPLACEMENT ELEMENTS TO MATCH ORIGINAL FINISH.

LEGEND



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Architexas No. 2433 Date 6/19/2025

Sheet Name WINDOW SCHEDULE, TYPES, & NOTES

Sheet Number

LEGEND

EXIST. CONSTRUCTION



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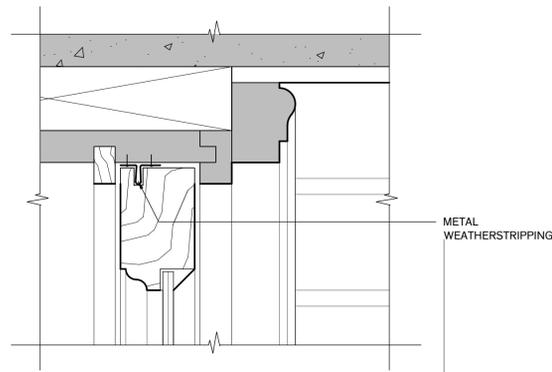
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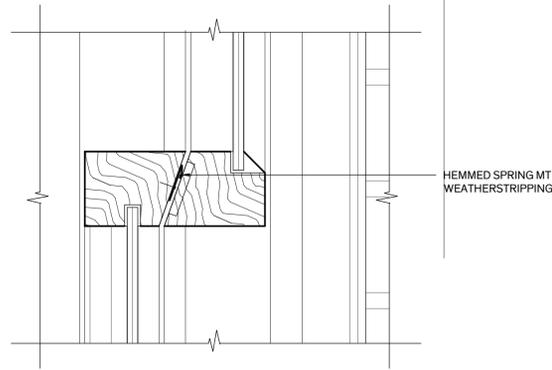
Architexas No. 2433 Date 6/19/2025

Sheet Name WINDOW DETAILS

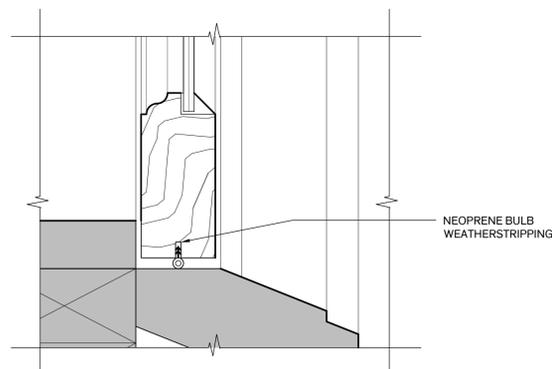
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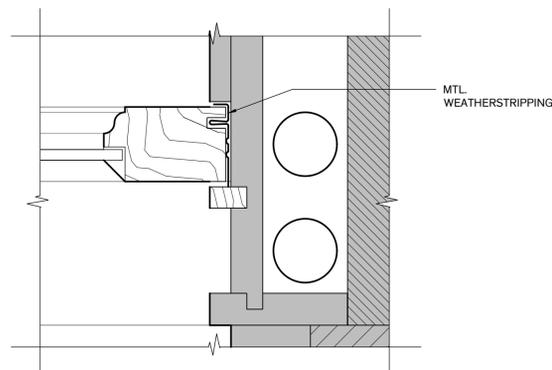
9 Weatherstrip Det. @ Head
Scale: 6" = 1'-0"



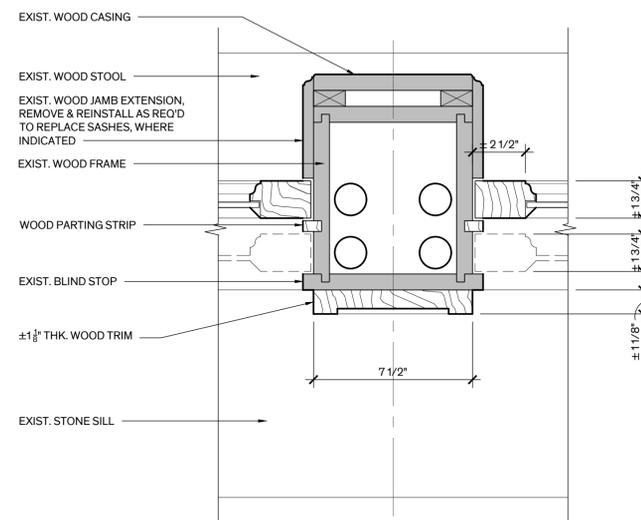
8 Weatherstrip Det. @ Mtg. Rail
Scale: 6" = 1'-0"



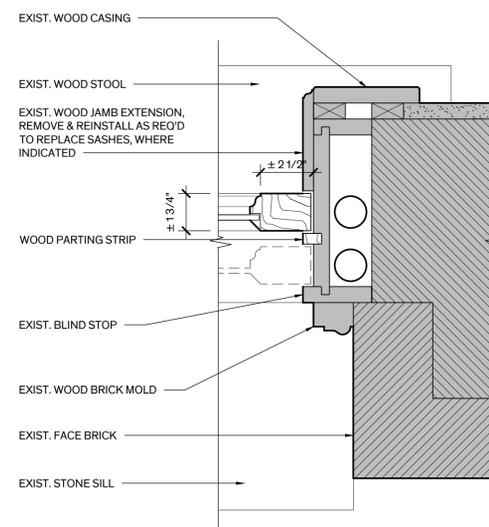
7 Weatherstrip Det. @ Sill
Scale: 6" = 1'-0"



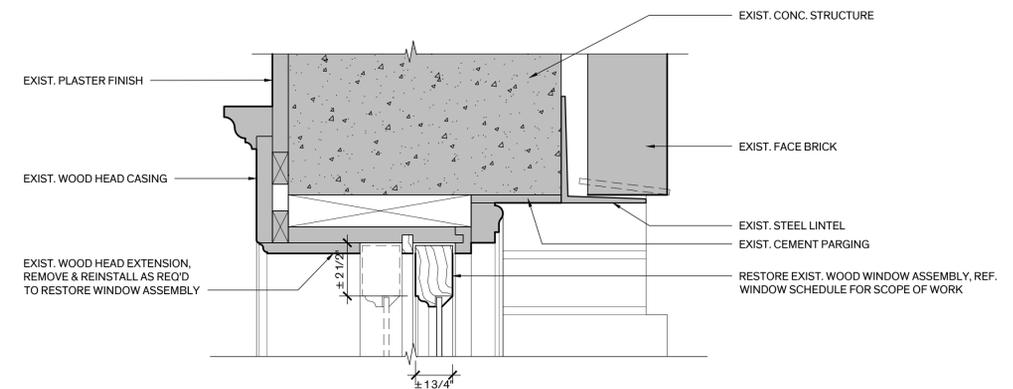
6 Weatherstrip Det. @ Jamb
Scale: 6" = 1'-0"



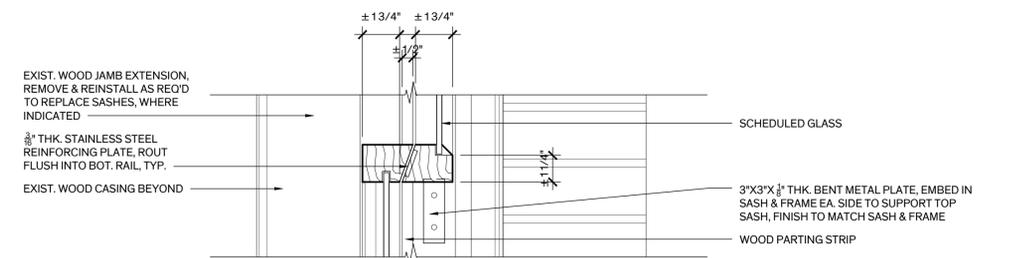
5 Wind. Mullion Det., Typ.
Scale: 3" = 1'-0"



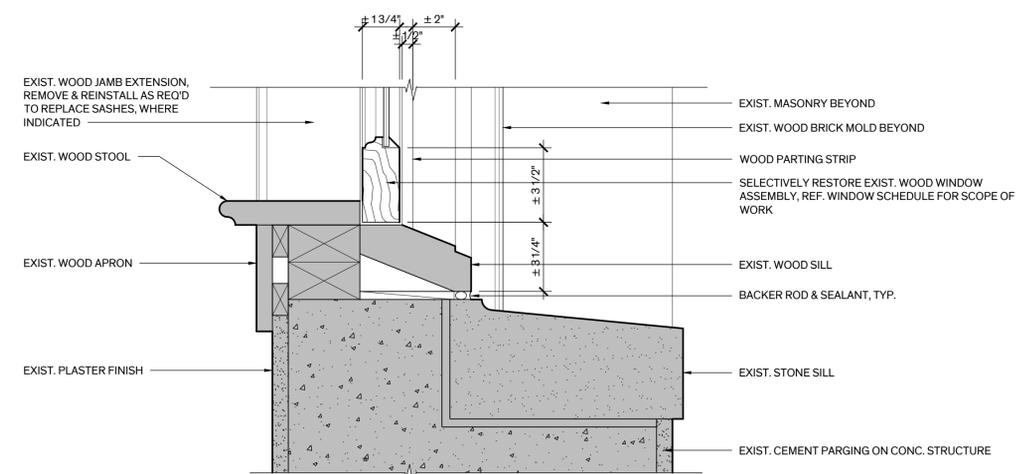
4 Wind. Jamb Det., Typ.
Scale: 3" = 1'-0"



3 Wind. Head Det.
Scale: 3" = 1'-0"



2 Mtg. Rail Det., Typ.
Scale: 3" = 1'-0"



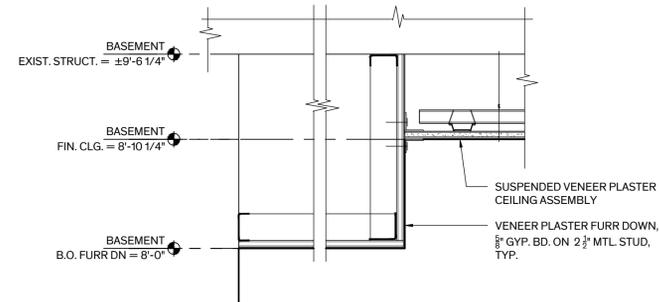
1 Wind. Sill Det., Typ.
Scale: 3" = 1'-0"

ROOM FINISH SCHEDULE - BASEMENT FLOOR LEVEL

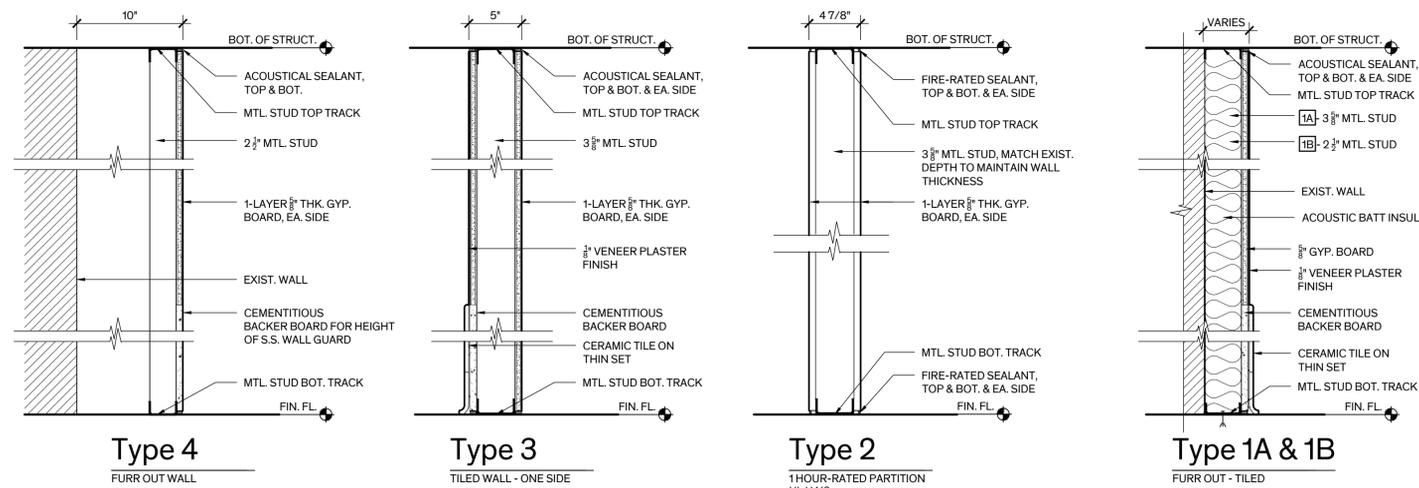
RM #	ROOM NAME	FLOOR	BASE	WAINSCOT	WALLS				CEILING	REMARKS
					NORTH	SOUTH	EAST	WEST		
B03	ADA UNISEX RESTROOM	TILE	TILE	TILE	EXIST. PLASTER/VENEER PLASTER	EXIST. PLASTER/VENEER PLASTER	EXIST. PLASTER/VENEER PLASTER	EXIST. PLASTER/VENEER PLASTER	SUSPENDED VENEER PLASTER	ALT. NO. 2
B04	JANITORS CLOSET	EXIST. CONC.	-	-	GYP. BD.	GYP. BD./EXIST. GYP. BD.	EXIST. BRICK/EXIST. TERRA COTTA	EXIST. PLASTER	EXIST. STRUCT.	ALT. NO. 2

GENERAL FINISH NOTES

- DEMOLITION:** REFER TO DEMO PLANS FOR AREAS OF FINISH REMOVAL. PREPARE EXIST. SUBSTRATE SCHEDULED TO REMAIN AS NECESSARY TO PROVIDE A SOUND SUBSTRATE FOR PROPER INSTALLATION OF SCHEDULED FINISHES.
- FINISHING AT CONCEALED LOCATIONS:** REMOVE LOOSE, DELAMINATING, & DAMAGED FINISHES AT NEW SUSPENDED CEILINGS, FURR DOWNS, MECHANICAL CHASES, ETC. DO NOT REPAIR OR PAINT FINISH SURFACES AT CONCEALED LOCATIONS.
- SURFACES:** FINISH EXPOSED SURFACES IN AREA OF WORK & WHERE AFFECTED BY THE WORK OF THE CONTRACT U.O.N.
- RESTORE EXIST. FLOOR FINISH:**
 - EXIST. CONCRETE & SCORED CONCRETE:
 - REMOVE LOOSE & DAMAGED CONCRETE TO SOUND SUBSTRATE.
 - CLEAN CONCRETE 100% WHERE SCHEDULED TO REMAIN EXPOSED
 - REPAIR HOLES, INDENTATIONS, & CRACKS; HAIRLINE CRACKS LESS THAN 1/8" WIDE DO NOT REQUIRE REPAIR.
 - APPLY CLEAR SEALER.
- WALLS:**
 - EXIST. PLASTER: REMOVE DAMAGED &/OR DETERIORATED & DELAMINATING PLASTER FINISH TO SOUND SUBSTRATE. RE-POINT/RESET MASONRY AS NECESSARY TO PROVIDE A SOUND SUBSTRATE & PROPER KEY FOR NEW PLASTER. REPLACE MISSING OR DAMAGED METAL LATH, REPLACE DAMAGED, DETERIORATED & DELAMINATING, POORLY PATCHED, MISSING OR NON-MATCHING PLASTER FINISH. REPAIR CRACKS, HOLES, DEEP GOUGES & INDENTATIONS. PROVIDE A SEAMLESS TRANSITION BETWEEN NEW & EXIST. PLASTER, FINISH AS REQUIRED TO MATCH TEXTURE OF ORIGINAL SURFACE. WITHIN A SPACE ASSUME ONE COLOR FOR FLAT PLASTER WALLS & A SECOND COLOR FOR PLASTER CEILING.
 - EXIST. BRICK: RE-POINT MISSING & DETERIORATED MORTAR JOINTS.
 - EXIST. TERRA COTTA: RE-POINT MISSING & DETERIORATED MORTAR JOINTS.
- CEILING:**
 - EXIST. STRUCTURE: REMOVE DAMAGED, DETERIORATED, OR DELAMINATING CONCRETE STRUCTURE TO SOLID SUBSTRATE.
- DOOR ASSEMBLIES:**
 - EXTERIOR STILE & RAIL WOOD DOOR ASSEMBLIES SHALL HAVE A PAINTED FINISH ON EXTERIOR EXPOSED SURFACES & A STAINED/CLEAR FINISH ON EXPOSED INTERIOR SURFACES TO MATCH ORIGINAL FINISH.
 - INTERIOR STILE & RAIL WOOD DOOR ASSEMBLIES SHALL HAVE A STAINED/CLEAR FINISH TO MATCH ORIGINAL FINISH.
 - INTERIOR HOLLOW METAL DOOR ASSEMBLIES SHALL HAVE A PAINTED FINISH.
- WINDOW ASSEMBLIES:** REFER TO SHT. A-5.10 FOR FINISHING EXTERIOR WINDOWS SCHEDULED FOR RESTORATION.
- EXPOSED MEP COMPONENTS:** NEW EXPOSED DUCTS, CONDUIT, PIPING, WIRING, ASSOCIATED FASTENERS, ETC., ARE TO BE PRIMED & PAINTED EXCEPT IN MECHANICAL & ELECTRICAL ROOMS, JANITOR'S CLOSET & ATTIC.



2 Ceiling Detail
Scale: 1 1/2" = 1'-0"



1 Wall Types
Scale: 1 1/2" = 1'-0"



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ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

ALTERNATE NO. 1: PREP & PAINT EXTERIOR WOOD DOORS B02, B04, 101, & 103.

ALTERNATE NO. 2: REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM.

ALTERNATE NO. 4: PROVIDE GYPSUM BOARD WALL & CEILING FINISH IN REHABILITATED UNISEX RESTROOM B03 IN LIEU OF VENEER PLASTER.

Architexas No. 2433 Date 6/19/2025

Sheet Name FINISH SCHEDULE, WALL TYPES, & CEILING DETAILS

Sheet Number



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Architexas No. 2433 Date 6/19/2025

Sheet Name ENLARGED DEMO PLAN, FLOOR PLAN & REFLECTED CEILING PLAN

Sheet Number

A-6.10

GENERAL NOTES-DEMO PLAN

- GENERAL:** ITEMS NOT MARKED FOR REUSE ARE TO BE SALVAGED FOR THE OWNER OR ARE TO BE REMOVED FROM THE SITE & PROPERLY DISPOSED OF PER LOCAL CODE. COORDINATE ITEMS TO BE SALVAGED WITH OWNER.
- PROTECTION:**
 - PRIOR TO THE START OF SELECTIVE DEMOLITION & ABATEMENT WORK PROTECT INTERIOR FINISHES & ELEMENTS SCHEDULED TO REMAIN DURING DEMOLITION & CONSTRUCTION PROCEDURES. DAMAGE TO EXISTING FINISH SURFACES AND ELEMENTS BY THE CONTRACTOR SHALL BE CORRECTED AT NO ADDITIONAL EXPENSE TO THE OWNER.
 - REMOVE DEBRIS FROM DEMOLITION AT THE END OF EACH WORK DAY, & MAINTAIN BUILDING IN A SAFE MANNER CLEAR OF DEMOLITION & CONSTRUCTION DEBRIS AND EQUIPMENT.
- FLOORS:** REMOVE CONCRETE FLOOR AS REQUIRED TO MODIFY BELOW SLAB PLUMBING PIPING FOR NEW FIXTURES, REF. MEP.
- WALLS:** REMOVE & DISCARD WALLS & ASSOCIATED FASTENERS WHERE INDICATED ON THE DRAWINGS.
- DOORS:**
 - DOOR B06: REMOVE EXIST. DOOR ASSEMBLY ENTIRELY, SALVAGE HARDWARE TO OWNER.
 - DOOR B03: REMOVE EXIST. DOOR & SALVAGE FOR REUSE, REFER TO SHT. A-5.01 FOR SCOPE OF WORK.
- MEP:** REMOVE EXIST. PLUMBING & ELECTRICAL LINES AS INDICATED ON MEP DRAWINGS.
- RESTROOMS:** REMOVE EXISTING FIXTURES, STALL PARTITIONS, & TOILET ACCESSORIES ENTIRELY.
- HAZARDOUS MATERIALS ABATEMENT:** REFER TO ASBESTOS ABATEMENT PROJECT DESIGN & LEAD PAINT REMOVAL WORK PLAN FOR SCOPE OF WORK.

LEGEND - DEMO PLAN

- ELEMENT TO BE REMOVED
- EXIST. WALLS TO REMAIN
- DOOR TO BE REMOVED
- WALLS TO BE REMOVED
- CONCRETE FLOOR SLAB TO BE REMOVED

GENERAL NOTES-FL. PLAN

- DIMENSIONING AT WALLS:** WALL DIMENSIONS ARE FINISHED FACE OF WALL TO FINISHED FACE OF WALL U.O.N.
- MASONRY INFILL:** FILL OPENINGS AT ABANDONED MEP PENETRATIONS TO MATCH EXISTING CONSTRUCTION. FINISH WALLS & CEILINGS AS SCHEDULED TO PROVIDE A SEAMLESS TRANSITION BETWEEN EXIST. & NEW CONSTRUCTION.
- EXIST. CONCRETE FLOOR & CEILING STRUCTURE:**
 - REPAIR HOLES THROUGH SLAB TO MAINTAIN FIRE RATING, MATCH EXIST. CONSTRUCTION.
 - REPLACE CONCRETE SLAB, WHERE REMOVED TO MODIFY BELOW SLAB PLUMBING PIPING FOR NEW FIXTURES, REF. MEP
- PARTITIONS:** REFER TO SHT. A-6.01 FOR PARTITION TYPES.
- EXTERIOR WINDOWS & WINDOW GRILLES:** RESTORE WOOD WINDOW ASSEMBLIES AT THE BASEMENT LEVEL U.O.N. REMOVE & REINSTALL GRILLES AS REQUIRED TO ACCESS WINDOW TO COMPLETE WORK. REFER TO WINDOW SCHEDULE & GENERAL NOTES ON SHEET A-5.10 FOR SCOPE OF WORK.
- DOORS:** REFER TO DOOR SCHEDULE ON SHEET A-5.01 FOR SCOPE OF WORK.
- FINISHES:** REFER TO ROOM FINISH SCHEDULE & GENERAL FINISH NOTES ON SHT. A-6.01 FOR SCOPE OF WORK.
- TOILET ACCESSORIES:** REFER TO TOILET ACCESSORY SCHEDULE ON SHT. A-6.10.
- SIGNAGE:** PROVIDE ROOM SIGNAGE TO COMPLY WITH TAS, REF. SPEC. SECT. 10425 - SIGNAGE.
- MEP:**
 - REFER TO MEP DRAWINGS FOR SCOPE OF WORK.
 - THERE SHALL NOT BE ANY EXPOSED MEP DEVICES OR DISTRIBUTION LINES IN UNISEX ADA RESTROOM B03, CONCEAL ABOVE CEILING & WITHIN WALL FURR OUTS

LEGEND - FLOOR PLAN

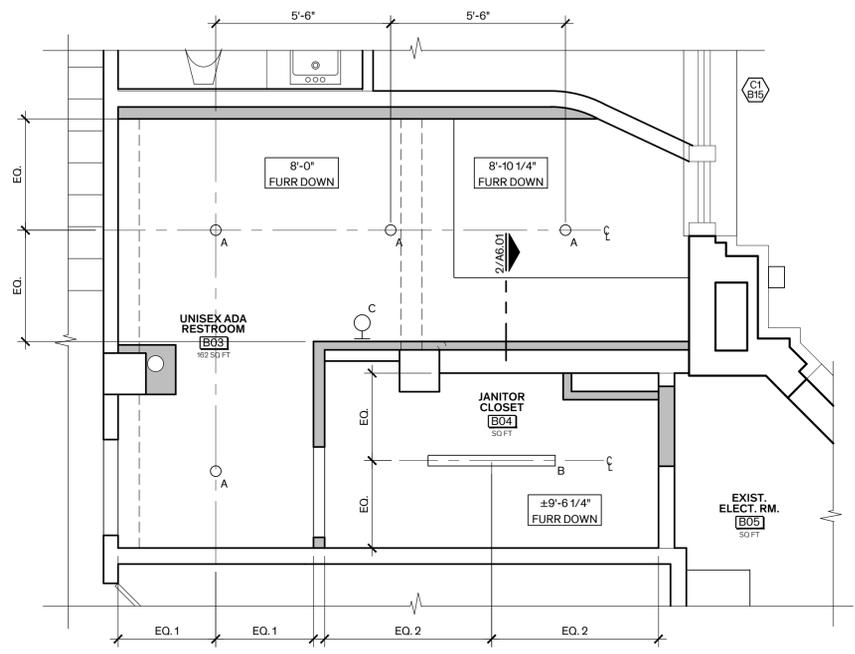
- NEW WALL / ELEMENT
- EXIST. WALLS TO REMAIN
- NEW CONCRETE FLOOR SLAB, REF. 6/A6.11

GENERAL NOTES - RCP

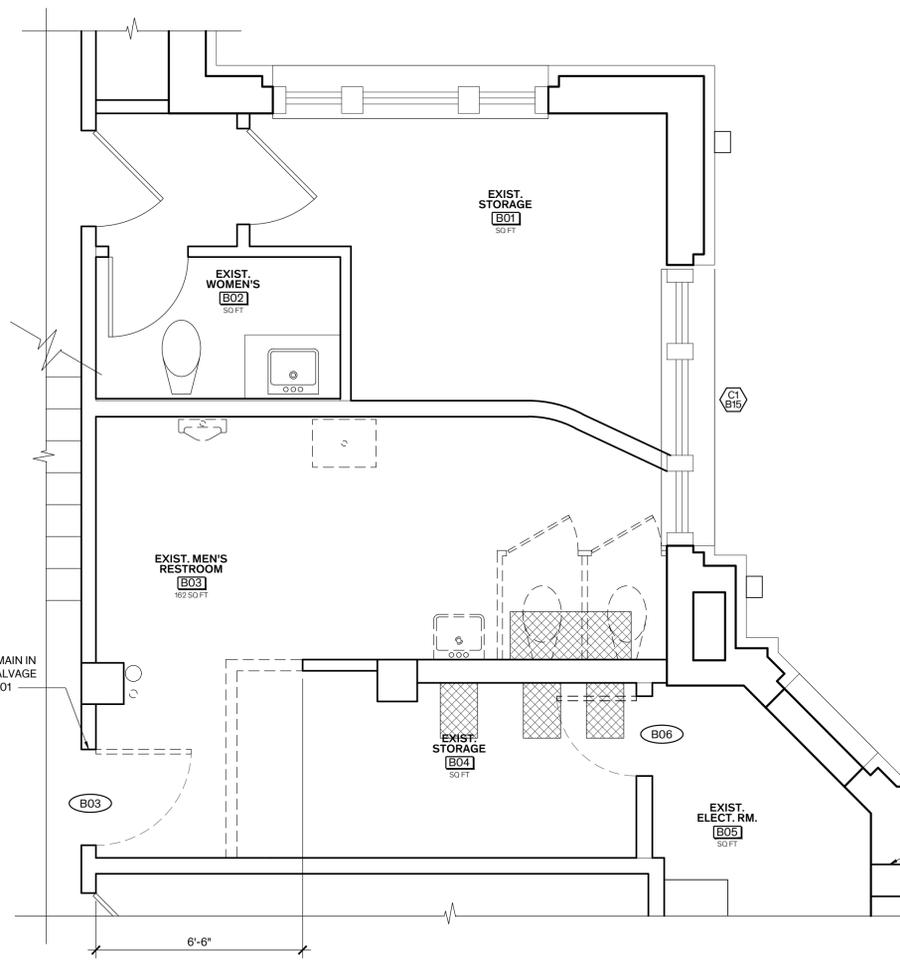
- LIGHT FIXTURE LOCATIONS:**
 - LIGHT FIXTURES ARE TO BE LOCATED IN THE FIELD AS DIMENSIONED ON THE ARCHITECTURAL REFLECTED CEILING PLAN.
 - LIGHT FIXTURE HAVE PRIORITY OVER LOCATION OF DEVICES FOR OTHER MEP EQUIPMENT.
- DEVICE LOCATION:** LOCATE DEVICE ON CENTERLINE OF LIGHT FIXTURE ROWS & AT MIDPOINT BETWEEN FIXTURES WHEREVER POSSIBLE.
- DISCREPANCIES OR CONFLICTS:** CONTRACTOR IS TO NOTIFY ARCHITECT IF A DISCREPANCY OR CONFLICT OCCURS THAT DOES NOT ALLOW PLACEMENT OF ELEMENTS AS NOTED ABOVE. IF SUCH CONDITION OCCURS THE CONTRACTOR MUST PROVIDE AN R.F.I. ALONG WITH A DRAWING, WHERE APPLICABLE, WHICH DESCRIBES THE CONFLICT, & THE CONTRACTOR IS TO PROVIDE A RECOMMENDATION FOR ALTERNATE PLACEMENT.
- FINISHING AT CONCEALED LOCATIONS:** REMOVE LOOSE, DELAMINATING, & DAMAGED PLASTER AT NEW SUSPENDED CEILINGS, FURR-DOWNS, & HVAC CHASES. DO NOT REPAIR PLASTER OR PAINT FINISH SURFACES AT CONCEALED LOCATIONS.
- MEP:**
 - REFER TO MEP DRAWINGS FOR SCOPE OF WORK.
 - THERE SHALL NOT BE ANY EXPOSED MEP DEVICES OR DISTRIBUTION LINES IN UNISEX ADA RESTROOM B03, CONCEAL ABOVE CEILING & WITHIN WALL FURR OUTS

LEGEND - RCP

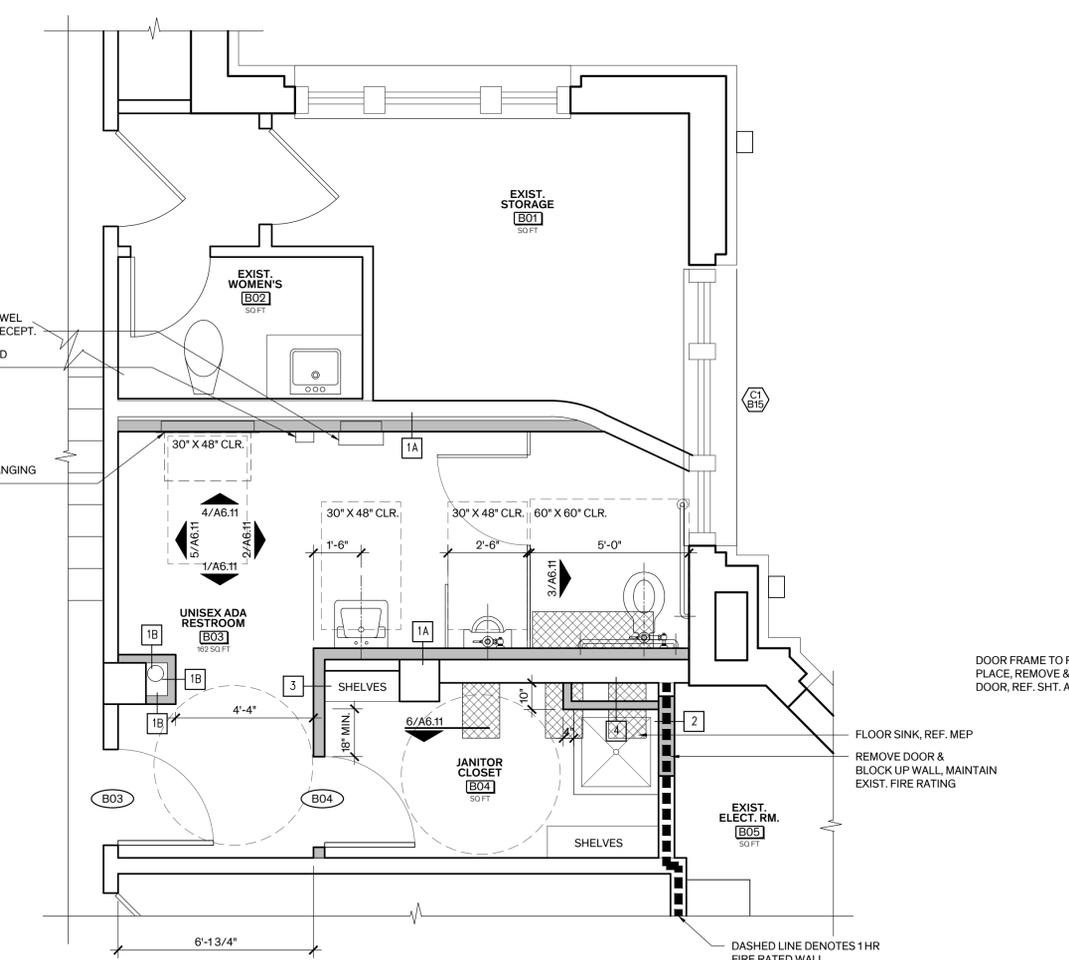
- NEW WALL / ELEMENT
- EXIST. WALLS TO REMAIN
- WALL SCONCE
- RECESSED CEILING FIXTURE
- STRIP CEILING FIXTURE
- EXIST. CEILING OR BEAM HEIGHT
- HEIGHT OF NEW FURR DOWN OR SUSPENDED CEILING
- REF. ELECT. FOR LIGHT FIXTURE SCHEDULE



3 Unisex Restroom Reflected Ceiling Plan
Scale: 3/8" = 1'-0"
PLAN NORTH



1 Unisex Restroom Enlarged Demo Plan
Scale: 3/8" = 1'-0"
PLAN NORTH



2 Unisex Restroom Enlarged Floor Plan
Scale: 3/8" = 1'-0"
PLAN NORTH

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

ALTERNATE NO. 2:
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM

TOILET ACCESSORIES SCHEDULE

ROOM #	ROOM NAME	ACCESSORIES									
		Wall Mounted Soap Dispenser	Towel Dispenser Trash Recept.	Toilet Tissue Dispenser	1'-6" X 3'-0" Mirror	36" Grab Bar	42" Grab Bar	Hand Dryer	Sanitary Waste Recept.	Baby Changing	Remarks
B03	ADA / UNISEX	1	1	1	1	1	1	1	1	1	

GENERAL NOTE: COORDINATE FINAL LOCATION OF ACCESSORIES WITH ARCHITECT PRIOR TO INSTALLATION. WHERE TOILET ACCESSORIES ARE LOCATED ON BOTH PLASTER & TILE WALL FINISHES, INSTALL ITEM ON PLASTER WALL & BUTT TILE TO SIDE OF ACCESSORY ITEM, OR FRAME AROUND ITEM WITH ACCENT CAP TILE, TYP.

ALTERNATES

REFER TO SPEC. SECTION 01230 - ALTERNATES FOR DETAILED DESCRIPTION

ALTERNATE NO. 2:
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM



DUVAL COUNTY COURTHOUSE

ROOF REMEDIATION, EXTERIOR WINDOWS, & ELECTRICAL

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78384

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REVISION HISTORY

- Issued for Bid June 19, 2025

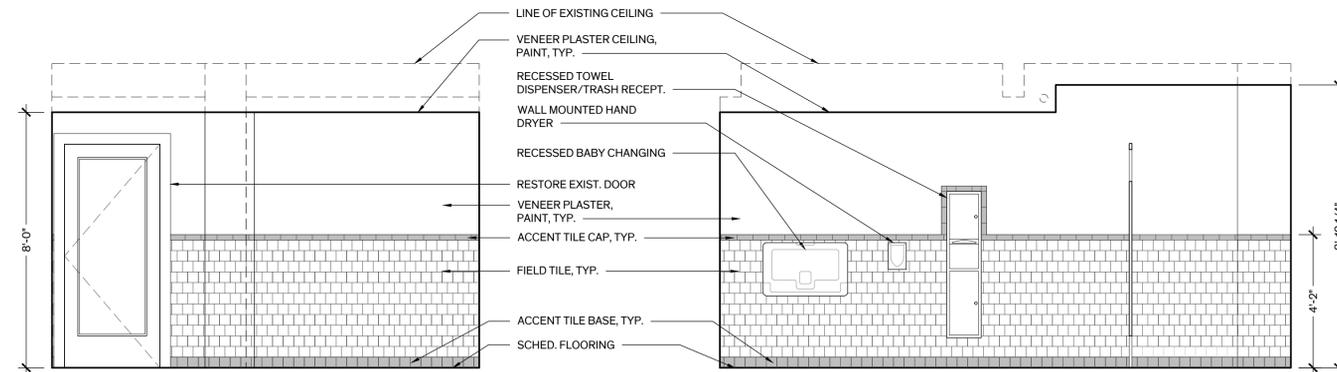
SEAL



Architexas No. 2433 Date 6/19/2025

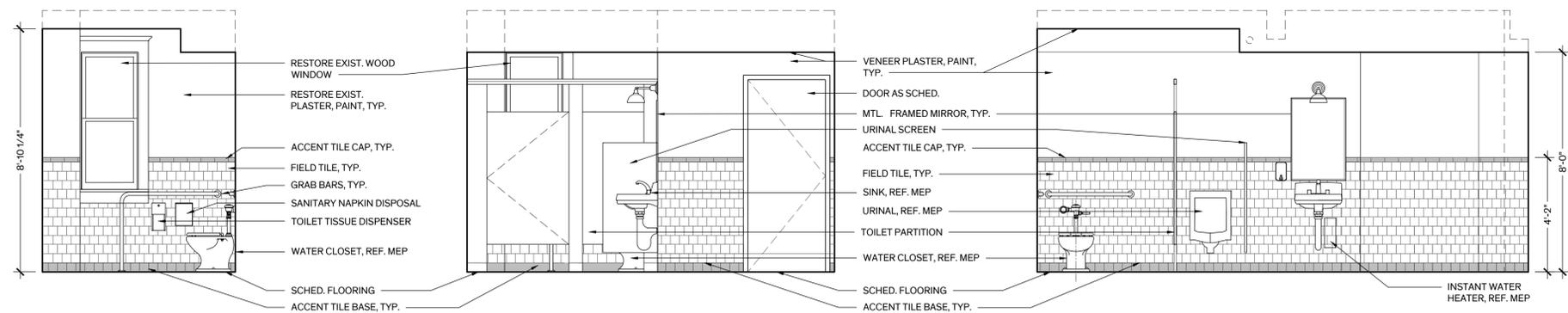
Sheet Name INTERIOR ELEVATIONS

Sheet Number



5 Unisex Restroom North
Scale: 3/8" = 1'-0"

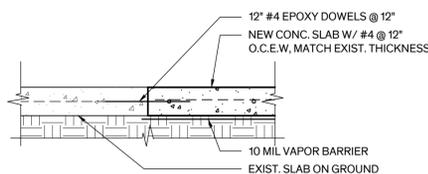
4 Unisex Restroom East
Scale: 3/8" = 1'-0"



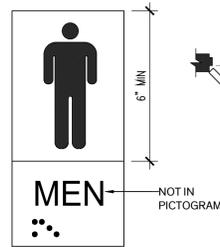
3 Unisex Restroom South
Scale: 3/8" = 1'-0"

2 Unisex Restroom South
Scale: 3/8" = 1'-0"

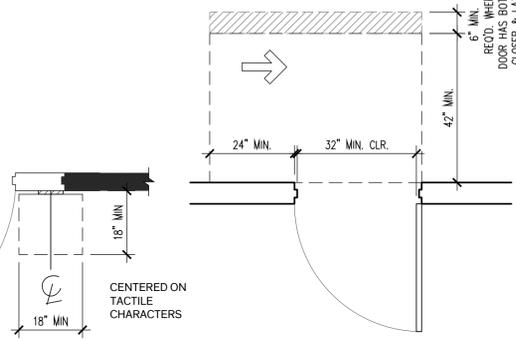
1 Unisex Restroom West
Scale: 3/8" = 1'-0"



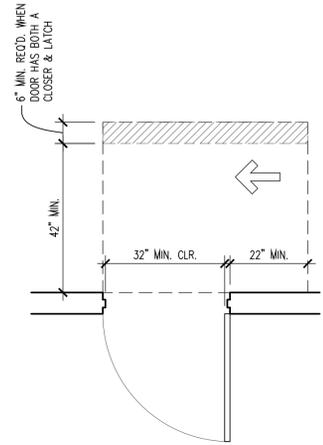
6 Interior Slab Replacement, Typ.
Scale: 1" = 1'-0"



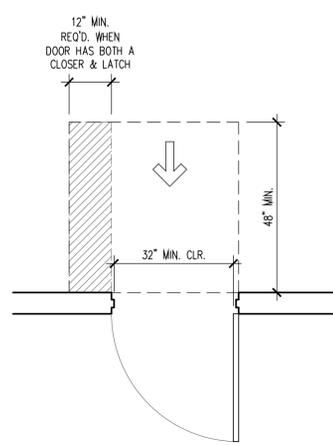
18 ADA Signage
Scale: 1/2" = 1'-0"



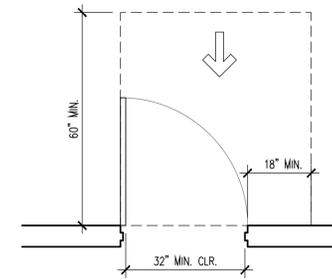
17 Min. Clearance @ Doors Latch Approach, Push Side
Scale: 1/2" = 1'-0"



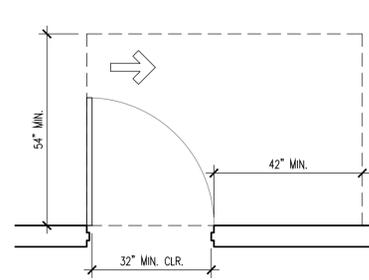
16 Min. Clearance @ Doors Hinge Approach, Push Side
Scale: 1/2" = 1'-0"



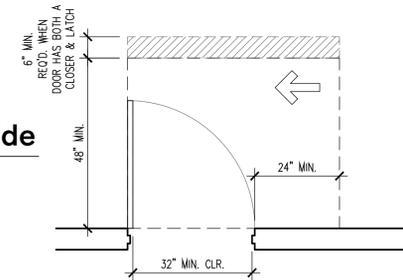
15 Min. Clearance @ Doors Front Approach, Push Side
Scale: 1/2" = 1'-0"



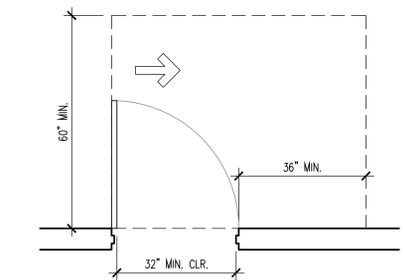
14 Min. Clearance @ Doors Front Approach, Pull Side
Scale: 1/2" = 1'-0"



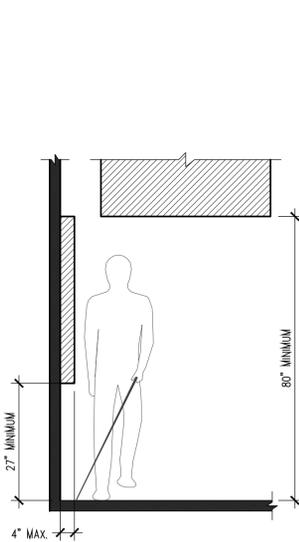
13 Min. Clearance @ Doors Hinge Approach, Pull Side
Scale: 1/2" = 1'-0"



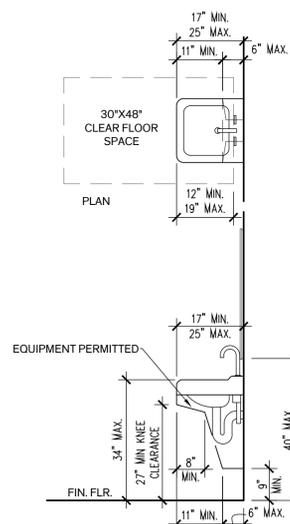
12 Min. Clearance @ Doors Latch Approach, Pull Side
Scale: 1/2" = 1'-0"



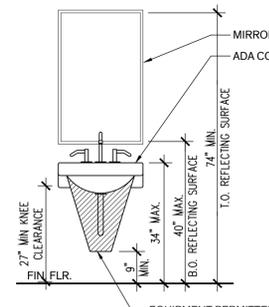
11 Min. Clearance @ Doors Hinge Approach, Pull Side
Scale: 1/2" = 1'-0"



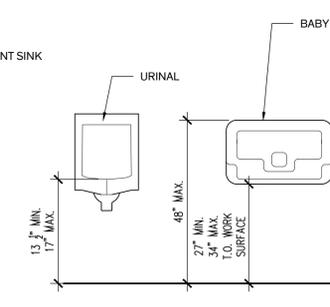
9 ADA Projection Limitations
Scale: 1/2" = 1'-0"



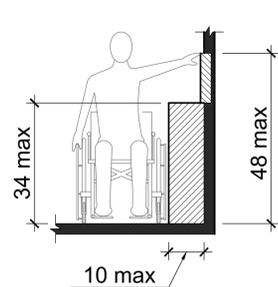
8 ADA Sink (Side Elev. and Plan)
Scale: 1/2" = 1'-0"



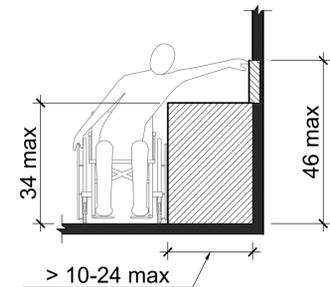
7 ADA Sink, Mirror, and Soap Dispenser
Scale: 1/2" = 1'-0"



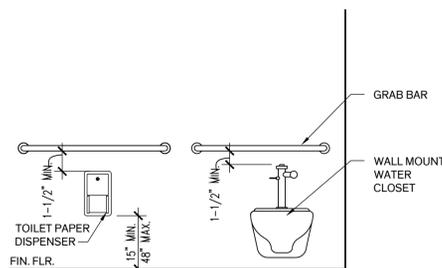
6 Typ. ADA Mounting Heights
Scale: 1/2" = 1'-0"



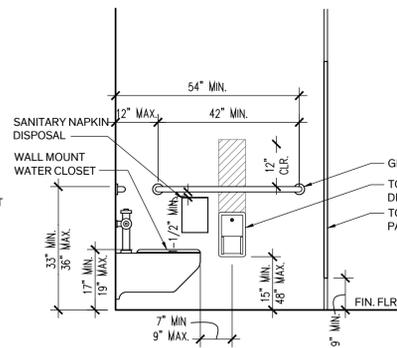
5 ADA Control Reach Limitations (Forward / Side Reach Possible)
Scale: 1/2" = 1'-0"



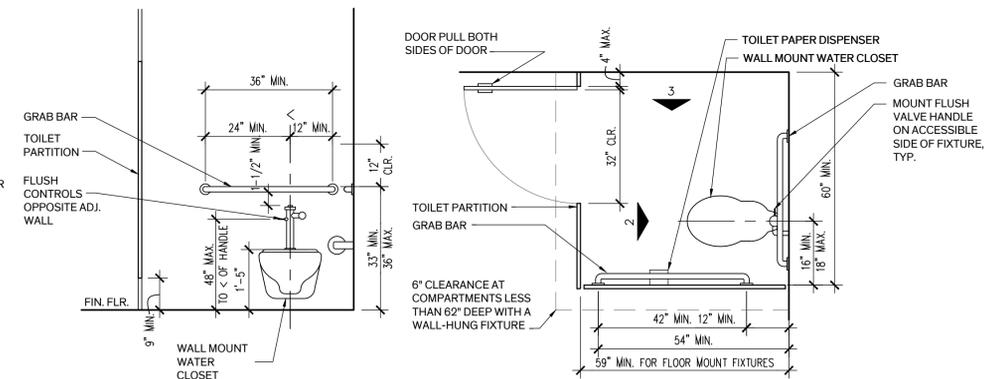
4 ADA Grab Bar Clearances
Scale: 1/2" = 1'-0"



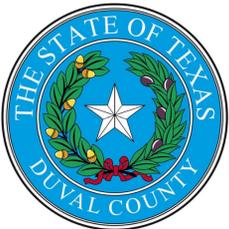
3 ADA Stall Side Wall Elevation
Scale: 1/2" = 1'-0"



2 ADA Stall Rear Wall Elevation
Scale: 1/2" = 1'-0"



1 Typ. ADA Stall Plan
Scale: 1/2" = 1'-0"



DUVAL COUNTY COURTHOUSE

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REVISION HISTORY

1. Issued for Bid June 19, 2025

SEAL



Architexas No. 2433 Date 6/19/2025

Sheet Name ADA DIAGRAMS

Sheet Number

DUCT LEGEND	
	ROUND DUCT UP AND DOWN
	ROUND DUCT WITH SIZE IN INCHES
	RADIUS ELBOW TURNING DOWN
	RADIUS ELBOW TURNING UP
	TRANSITION - RECTANGULAR TO ROUND
	FIRE DAMPER
	RADIUS ELBOW
GRILLES, REGISTERS, AND DIFFUSERS (GRD) LEGEND	
	RETURN OR EXHAUST AIRFLOW
	GRD TAG ABBREVIATION
	E EXHAUST
EQUIPMENT	
	EQUIPMENT TAG
	EXAMPLE EQUIPMENT TAG:
	EQUIPMENT TYPE ABBREVIATION
EF EXHAUST FAN	
L LOUVER	
	EXISTING MECHANICAL EQUIPMENT
	MECHANICAL EQUIPMENT
PIPE LEGEND	
	COLD WATER
	HOT WATER
	SANITARY SOIL LINE
	SANITARY VENT LINE
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	EXISTING TO REMAIN
	EXISTING TO REMOVE
	TEE
	TEE TURNED DOWN
	ELBOW
	ELBOW TURNED DOWN
	ELBOW TURNED UP
	TEE TURNED DOWN, THEN ELBOW
	ELBOW TURNED DOWN, THEN TEE
PIPE SYMBOLS	
	PIPE CAP
	WALL CLEAN OUT
	FLOOR DRAIN
	BALL VALVE
	CHECK VALVE
	FLOW IN DIRECTION OF ARROW
GENERAL SYMBOLS	
	KEYED NOTE
	CONNECT TO EXISTING
ABBREVIATIONS	
AB ANTI-PERSONNEL BARS	LWT LEAVING WATER TEMPERATURE
AD ACCESS DOOR	MBH BTUH x 1000
AFF ABOVE FINISHED FLOOR	MCA MINIMUM CIRCUIT AMPACITY
BTUH BRITISH THERMAL UNITS PER HOUR	MOCP MAXIMUM OVER-CURRENT PROTECTION
CFM CUBIC FEET PER MINUTE	OA OUTSIDE AIR
CRU COMPUTER ROOM UNIT	PD PRESSURE DROP
DB DRY BULB TEMPERATURE	RA RETURN AIR
EA EXHAUST AIR	PHC PREHEAT COIL
EAT ENTERING AIR TEMPERATURE	RHC REHEAT COIL
EOM END OF MAIN	RLA RELIEF AIR
ESP EXTERNAL STATIC PRESSURE	RPM REVOLUTIONS PER MINUTE
EWT ENTERING WATER TEMPERATURE	SA SUPPLY AIR
FD FIRE DAMPER	SP STATIC PRESSURE
FSD FIRE SMOKE DAMPER	TAS TEXAS ACCESSIBILITY STANDARD
GPH GALLONS PER HOUR	TSP TOTAL STATIC PRESSURE
GPM GALLONS PER MINUTE	WB WET BULB TEMPERATURE
HP HORSEPOWER	WPD WATER PRESSURE DROP
LAT LEAVING AIR TEMPERATURE	

GENERAL MECHANICAL AND PLUMBING SPECIFICATIONS

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND OTHER RELATED ITEMS, INCLUDING MISCELLANEOUS ITEMS NOT SPECIFICALLY DESIGNATED, TO COMPLETE THE FULLY FUNCTIONING SYSTEMS. THE CONTRACTOR SHALL COOPERATE WITH ALL TRADES INVOLVED ON THE PROJECT, AND SHALL AFFORD THE OWNER, ENGINEER, INSPECTOR, OR OTHER APPROPRIATE PERSONNEL EVERY OPPORTUNITY TO INSPECT THE PROJECT.
- WHILE SUBSTITUTIONS TO THOSE PRODUCTS SPECIFIED MAY BE MADE, IT SHALL BE AT THE DISCRETION OF THE ENGINEER TO APPROVE SUCH SUBSTITUTIONS.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ANY AND ALL PERMITS, FEES, INSPECTIONS, AND OTHER ITEMS RELATED TO THE CONSTRUCTION.
- PERFORM ALL WORK IN ACCORDANCE WITH THE CODES LISTED BELOW AS WELL AS THE CODES OF ANY OTHER LEGAL BODY HAVING JURISDICTION, AS INTERPRETED BY THE INSPECTING AUTHORITY.
 - INTERNATIONAL BUILDING CODE (IBC) - 2021
 - INTERNATIONAL MECHANICAL CODE (IMC) - 2021
 - INTERNATIONAL PLUMBING CODE (IPC) - 2021
 - INTERNATIONAL FIRE CODE (IFC) - 2021
 - AMERICANS WITH DISABILITIES ACT (ADA)
 - TEXAS ACCESSIBILITY STANDARDS (TAS)
- WHERE THESE SPECIFICATIONS AND THE ACCOMPANYING DRAWINGS CONFLICT WITH THESE REQUIREMENTS, REPORT THE MATTER TO THE ENGINEER FOR CLARIFICATION.
- ALL MANUFACTURED ARTICLES SHALL BE APPLIED, INSTALLED AND HANDLED AS RECOMMENDED BY THE MANUFACTURER.
- ALL MATERIALS ARE NEW AND OF THE QUALITY SPECIFIED UNLESS OTHERWISE SPECIFIED.
- MATERIALS SHALL BE FREE FROM DEFECTS. ALL MATERIALS OF A TYPE FOR WHICH THE UNDERWRITERS LABORATORIES, INC. HAVE ESTABLISHED A STANDARD SHALL BE LISTED BY THE UNDERWRITERS LABORATORIES, INC. AND SHALL BEAR THEIR LABEL.
- WHEREVER THE MAKE OF MATERIAL OR APPARATUS REQUIRED IS NOT DEFINITELY SPECIFIED, THE CONTRACTOR SHALL SUBMIT A SAMPLE TO THE ENGINEER BEFORE PROCEEDING.
- SUBMITTALS:
 - SUBMIT ALL SHOP DRAWINGS AT ONE TIME AS A BOUND PDF PORTFOLIO IDENTIFYING PROJECT, ARCHITECT, ENGINEER, CONTRACTOR, SUBCONTRACTOR, AND SUPPLIER. INDEX EACH SECTION ACCORDING TO THE SPECIFICATIONS AND SEPARATE FROM OTHER SECTIONS.
 - SHOP DRAWINGS SUBMITTED SHALL CONSIST OF MANUFACTURER'S SUBMITTAL DATA THAT CONTAIN INDICATION OF THE EXACT ITEM OFFERED AND SHALL CLEARLY IDENTIFY THE ITEM WITH THE PROJECT.
 - CONTRACTOR SHALL REVIEW SUBMITTALS FOR COMPLIANCE TO PROJECT REQUIREMENTS AND APPLY THEIR OWN REVIEW STAMP OR STATEMENT BEFORE FORWARDING TO THE ENGINEER FOR REVIEW.
- THE ENGINEER RESERVES THE RIGHT TO CALL FOR SAMPLES OF ANY ITEM OF MATERIAL OFFERED IN SUBSTITUTION, TOGETHER WITH A SAMPLE OF THE SPECIFIED MATERIAL, WHEN, IN THE ENGINEER'S OPINION, THE QUALITY OF THE MATERIAL AND/OR THE APPEARANCE IS INVOLVED, AND IT IS DEEMED THAT AN EVALUATION OF THE TWO MATERIALS MAY BE BETTER MADE BY VISUAL INSPECTION.
- ORDER OF PRECEDENCE SHALL BE OBSERVED IN LAYING OUT THE DUCTWORK AND MATERIAL IN ORDER TO FIT THE MATERIAL INTO THE SPACE ABOVE THE CEILING AND IN THE CHASES AND WALLS. THE FOLLOWING ORDER SHALL GOVERN:
 - LARGE DUCTS WITH CRITICAL CLEARANCES.
 - CONDUIT AND OTHER LINES WHOSE ROUTING IS NOT CRITICAL AND WHOSE FUNCTION WOULD NOT BE IMPAIRED BY BENDS AND OFFSETS.
 - ITEMS AFFECTING VISUAL APPEARANCE OF THE INSIDE OF THE BUILDING SUCH AS DIFFUSERS, GRILLES, ETC. COORDINATE ALL ITEMS TO AVOID CONFLICTS AT THE SITE.
- GUARANTEE:
 - UNLESS A LONGER GUARANTEE IS HERINAFTER CALLED FOR, ALL WORK, MATERIAL AND EQUIPMENT ITEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY THE OWNER. ALL DEFECTS IN LABOR AND MATERIALS OCCURRING DURING THIS PERIOD SHALL BE REPAIRED AND/OR REPLACED. GUARANTEE SHALL BE IN WRITING AND IN TRIPLICATE.
- COMPLETION REQUIREMENTS:
 - BEFORE ACCEPTANCE AND FINAL, FURNISH:
 - ACCURATE RECORD DRAWINGS, SHOWN IN RED INK ON BLUE LINE PRINTS FURNISHED FOR THAT PURPOSE ALL CHANGES FROM THE ORIGINAL PLANS MADE DURING INSTALLATION OF THE WORK.
 - ALL MANUFACTURERS' GUARANTEES.
 - ALL OPERATING MANUALS.

HANGERS AND SUPPORTS

- DUCT HANGERS:
 - SUPPORT DUCTWORK IN FINISHED AREAS WITH STRAP HANGERS IN ACCORDANCE WITH SMACNA.
- PLUMBING PIPING:
 - DWV:
 - CONFORM TO MSS SP69.
 - HANGERS FOR PIPE SIZES 1/2 TO 1-1/2 INCH: CARBON STEEL, ADJUSTABLE SWIVEL, SPLIT RING.
 - HANGERS FOR PIPE SIZES 2 INCHES AND OVER: CARBON STEEL, ADJUSTABLE CLEVIS.
 - MULTIPLE OR TRAPEZE HANGERS: STEEL CHANNELS WITH WELDED SPACERS AND HANGER RODS.
 - COPPER PIPE SUPPORT: COPPER-PLATED, CARBON-STEEL ADJUSTABLE, RING.
 - WATER:
 - CONFORM TO MSS SP69.
 - HANGERS FOR PIPE SIZES 1/2 TO 1-1/2 INCH: CARBON STEEL, ADJUSTABLE SWIVEL, SPLIT RING.
 - HANGERS FOR COLD PIPE SIZES 2 INCHES AND OVER: CARBON STEEL, ADJUSTABLE CLEVIS.
 - COPPER PIPE SUPPORT: COPPER-PLATED, CARBON-STEEL ADJUSTABLE, RING.
- ACCESSORIES:
 - HANGER RODS: MILD STEEL THREADED BOTH ENDS, THREADED ON ONE END, OR CONTINUOUS THREADED. ASTM F593.
- ANCHORS:
 - EXPANSION ANCHORS ARE FLUSH OR SHELL TYPE MEETING FEDERAL SPECIFICATION FF-S-325, GROUP VIII TYPE 1, FOR EXPANSION SHIELD ANCHORS.
 - ASTM B633, ZINC PLATED.
 - HILTI HDI; HDI-L.
- SLEEVES:
 - SLEEVES FOR PIPES THROUGH NON FIRE RATED FLOORS: 18 GAGE THICK GALVANIZED STEEL.
 - SLEEVES FOR PIPES THROUGH NON FIRE RATED BEAMS, WALLS, FOOTINGS, AND POTENTIALLY WET FLOORS: STEEL PIPE.
 - SLEEVES FOR PIPES THROUGH FIRE RATED AND FIRE RESISTIVE FLOORS AND WALLS, AND FIREPROOFING: PREFABRICATED FIRE RATED SLEEVES INCLUDING SEALS, UL LISTED.
 - SLEEVES FOR ROUND DUCTWORK: GALVANIZED STEEL.
 - SLEEVES FOR RECTANGULAR DUCTWORK: GALVANIZED STEEL.
 - FIRE-STOPPING INSULATION: GLASS FIBER TYPE, NON-COMBUSTIBLE.
 - SEALANT: ACRYLIC INTUMESCENT.
- INSTALLATION - PIPING:
 - INSTALL HANGERS TO PROVIDE MINIMUM 1/4 INCH SPACE BETWEEN FINISHED COVERING AND ADJACENT WORK.
 - PLACE HANGERS WITHIN 12 INCHES OF EACH HORIZONTAL ELBOW.
 - USE HANGERS WITH 1-1/2 INCH MINIMUM VERTICAL ADJUSTMENT.
 - SUPPORT HORIZONTAL CAST IRON PIPE ADJACENT TO EACH HUB, WITH 5 FEET MAXIMUM SPACING BETWEEN HANGERS.
 - WHERE SEVERAL PIPES CAN BE INSTALLED IN PARALLEL AND AT SAME ELEVATION, PROVIDE MULTIPLE OR TRAPEZE HANGERS.

HANGERS AND SUPPORTS (CONT.)

- SUPPORT RISER PIPING INDEPENDENTLY OF CONNECTED HORIZONTAL PIPING.
 - PROVIDE COPPER PLATED HANGERS AND SUPPORTS FOR COPPER PIPING.
 - DESIGN HANGERS FOR PIPE MOVEMENT WITHOUT DISENGAGEMENT OF SUPPORTED PIPE.
- ### MECHANICAL IDENTIFICATION
- NAMEPLATES:
 - MANUFACTURERS: CRAFTMARK IDENTIFICATION SYSTEMS, SAFETY SIGN CO, SETON IDENTIFICATION PRODUCTS, MARKING SERVICES INC.
 - PRODUCT DESCRIPTION: LAMINATED THREE-LAYER PLASTIC WITH ENGRAVED WHITE LETTERS ON BLACK BACKGROUND. MINIMUM 1-1/2" X 4" SIZE WITH 16 POINT HELVETICA FONT.
 - METAL TAGS:
 - MANUFACTURERS: SETON IDENTIFICATION PRODUCTS, MARKING SERVICES INC.
 - BRASS WITH STAMPED LETTERS; TAG SIZE MINIMUM 1-1/2 INCHES WITH SMOOTH EDGES.
 - PIPE MARKERS:
 - COLOR AND LETTERING: CONFORM TO ASME A13.1.
 - PLASTIC PIPE MARKERS:
 - MANUFACTURERS: SETON SETMARK, CRAFTMARK IDENTIFICATION SYSTEMS, MARKING SERVICES INC.
 - FACTORY FABRICATED, FLEXIBLE, SEMI-RIGID PLASTIC, PREFORMED TO FIT AROUND PIPE OR PIPE COVERING. LARGER SIZES MAY HAVE MAXIMUM SHEET SIZE WITH SPRING FASTENER.
 - PLASTIC TAPE PIPE MARKERS:
 - MANUFACTURERS: SETON IDENTIFICATION PRODUCTS, CRAFTMARK IDENTIFICATION SYSTEMS, MARKING SERVICES INC.
 - FLEXIBLE, VINYL FILM TAPE WITH PRESSURE SENSITIVE ADHESIVE BACKING AND PRINTED MARKINGS.
 - INSTALLATION:
 - INSTALL IDENTIFYING DEVICES AFTER COMPLETION OF COVERINGS AND PAINTING.
 - INSTALL LABELS WITH SUFFICIENT ADHESIVE TO ENSURE PERMANENT ADHESION AND SEAL WITH CLEAR LACQUER, FOR UNFINISHED CANVAS COVERING, APPLY PAINT PRIMER BEFORE APPLYING LABELS.
 - INSTALL TAGS USING CORROSION RESISTANT CHAIN. NUMBER TAGS CONSECUTIVELY BY LOCATION.
 - IDENTIFY PIPING, CONCEALED OR EXPOSED, WITH PLASTIC PIPE MARKERS OR PLASTIC TAPE PIPE MARKERS.
 - IDENTIFY SERVICE, FLOW DIRECTION, AND PRESSURE.
 - INSTALL IN CLEAR VIEW AND ALIGN WITH AXIS OF PIPING.
 - LOCATE IDENTIFICATION NOT TO EXCEED 20 FEET ON STRAIGHT RUNS INCLUDING RISERS AND DROPS.
 - LOCATE IDENTIFICATION ADJACENT TO EACH VALVE AND TEE, AT EACH SIDE OF PENETRATION OF STRUCTURE OR ENCLOSURE, AND AT EACH OBSTRUCTION.
 - IDENTIFY VALVES IN MAIN AND BRANCH PIPING WITH TAGS.

PLUMBING EQUIPMENT

- ELECTRIC TANKLESS WATER HEATERS:
 - MANUFACTURER: EEMAX FLOWCO
- GENERAL:
 - UNIT SHALL HAVE ABS-UL 94 5VA RATED COVER.
- INTEGRAL FEATURES:
 - ELEMENT SHALL BE REPLACEABLE CARTRIDGE INSERT. ELEMENT SHALL BE IRON-FREE, NICKEL-CHROME MATERIAL.
 - UNIT SHALL INCLUDE AN INTEGRATED FLOW METER TO ENSURE ACCURATE TURN-ON / TURN-OFF FLOW RATE.
 - DIAGNOSTIC FEATURES TO INCLUDE LED ERROR/FAULT INDICATOR. HEATER SHALL EMPLOY TECHNOLOGY THAT ENGAGES UPON START-UP TO AVOID DRY-FIRE OCCURRENCE.
 - CONTROL SYSTEM ACTIVATES HEATER ONLY ON DEMAND.
 - HIGH TEMPERATURE LIMIT SWITCH ENABLES SAFE OPERATION.
 - 5-YEAR LIMITED WARRANTY ON LEAKS, 1-YEAR ON PARTS.
 - MAXIMUM OPERATING PRESSURE OF 150 PSI.
 - DISCHARGE HOT WATER TEMPERATURE SHALL BE FACTORY SET TO 110 DEGREES F.
- PERFORMANCE:
 - REFER TO CONSTRUCTION DRAWINGS FOR INDIVIDUAL UNIT PERFORMANCE AND ELECTRICAL DATA.
- INSTALLATION:
 - INSTALL WATER HEATERS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND TO NSF, NFPA 54, UL REQUIREMENTS.
 - COORDINATE WITH PLUMBING PIPING AND ELECTRICAL WORK TO ACHIEVE OPERATING SYSTEM.

INSULATION

- GLASS FIBER PIPE INSULATION:
 - MANUFACTURERS: KNAUF, JOHNS-MANVILLE, OWENS-CORNING.
 - INSULATION: ASTM C547; RIGID MOLDED, NONCOMBUSTIBLE.
 - "K" VALUE: ASTM C177, 0.24 AT 75 DEGREES F.
 - MAXIMUM SERVICE TEMPERATURE: 850 DEGREES F.
 - MAXIMUM MOISTURE ABSORPTION: 0.2 PERCENT BY VOLUME.
 - VAPOR BARRIER JACKET:
 - ASTM C921, WHITE KRAFT PAPER WITH GLASS FIBER YARN, BONDED TO ALUMINIZED FILM.
 - MOISTURE VAPOR TRANSMISSION: ASTM E96; 0.02 PERM-INCHES.
 - VAPOR BARRIER LAP ADHESIVE:
 - MANUFACTURERS: CHILDERS CP-82, FOSTERS 85-20
 - COMPATIBLE WITH INSULATION.
 - INSULATING CEMENT/MASTIC:
 - ASTM C195; HYDRAULIC SETTING ON MINERAL WOOL
- INSTALLATION - PIPING:
 - INSTALL IN ACCORDANCE WITH NAIMA NATIONAL INSULATION STANDARDS.
 - INSULATED PIPES CONVEYING FLUIDS BELOW AND ABOVE AMBIENT TEMPERATURE:
 - INSULATE ENTIRE SYSTEM INCLUDING FITTINGS, VALVES, UNIONS, FLANGES, STRAINERS, FLEXIBLE CONNECTIONS, AND EXPANSION JOINTS.
 - CONTINUE INSULATION THROUGH WALLS, SLEEVES, PIPE HANGERS, AND OTHER PIPE PENETRATIONS. FINISH AT SUPPORTS, PROTRUSIONS, AND INTERRUPTIONS.
- SCHEDULES:
 - PLUMBING SYSTEMS:
 - DOMESTIC HOT WATER:
 - GLASS FIBER INSULATION:
 - PIPE SIZE RANGE: ALL SIZES - THICKNESS: 1 INCH.
 - DOMESTIC COLD WATER:
 - GLASS FIBER INSULATION:
 - PIPE SIZE RANGE: ALL SIZES - THICKNESS: 1/2 INCH.

PLUMBING PIPING, VALVES, AND SPECIALTIES

- SANITARY SEWER PIPING:
 - PVC PIPE: ASTM D2665, POLYVINYL CHLORIDE (PVC) MATERIAL.
 - FITTINGS: ASTM D2665, PVC.
 - JOINTS: ASTM D2855, SOLVENT WELD WITH ASTM D2564 SOLVENT CEMENT.
- DOMESTIC WATER PIPING:
 - COPPER TUBING: ASTM B88, TYPE L, HARD DRAWN.
 - FITTINGS: ASME B16.22, WROUGHT COPPER OR PROGRESS.
 - JOINTS: ASTM B32, SOLDER, GRADE 95TA.
- FLOOR DRAINS - 2" FD
 - MANUFACTURERS: WADE MODEL W-1100, ZURN MODEL Z-415-B.
 - ANSI A112.21.1; LACQUERED CAST IRON TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEP HOLES, REVERSIBLE CLAMPING COLLAR, AND ROUND ADJUSTABLE NICKEL-BRONZE STRAINER.
- ACCESSORIES:
 - PROVIDE EACH FLOOR DRAIN WITH ELASTOMERIC PVC DUCKBILL INSERT AS MANUFACTURED BY TRAP GUARD®.
 - SURESEAL® TRAP SEALS AS MANUFACTURED BY RECTORSEAL ARE ACCEPTABLE.
- BALL VALVES:
 - MANUFACTURERS: NIBCO MODEL T-585-66-LF
 - CONSTRUCTION: 3 INCHES AND SMALLER: NSF/ANSI 61, LEAD FREE, MSS SP-110, CLASS 150, 600 PSI CWP, BRONZE, TWO-PIECE BODY, STAINLESS STEEL BALL, FULL PORT, TEFLON SEATS AND STUFFING BOX RING, BLOW-OUT PROOF STAINLESS STEEL STEM, LEVER HANDLE THREADED ENDS.
- SWING CHECK VALVES
 - UP TO AND INCLUDING 3 INCHES:
 - MANUFACTURERS: NIBCO MODEL T-413-Y-LF
 - NSF/ANSI 61, LEAD FREE, MSS SP-80, CLASS 150, BRONZE BODY AND CAP, PTFE SWING DISC WITH RENEWABLE SEAT, THREADED ENDS.
- WATER HAMMER ARRESTORS:
 - MANUFACTURER: SIOUX CHIEF, PPP
 - ANSI 1010-2004; PISTON TYPE, TYPE L COPPER TUBE CONSTRUCTION, POLY-PISTON WITH EPDM O-RINGS.
 - SIZED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS SUITABLE FOR OPERATION IN TEMPERATURE RANGE -100 TO 300 DEGREES F MAXIMUM 250 PSI WORKING PRESSURE.
- PREPARATION:
 - REAM PIPE AND TUBE ENDS. REMOVE BURRS. BEVEL PLAIN END FERROUS PIPE.
 - REMOVE SCALE AND DIRT, INSIDE AND OUTSIDE, BEFORE ASSEMBLY.
 - PREPARE PIPING CONNECTIONS TO EQUIPMENT WITH FLANGES OR UNIONS.
- INSTALLATION:
 - INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - ROUTE PIPING IN ORDERLY MANNER AND MAINTAIN GRADIENT. ROUTE PARALLEL AND PERPENDICULAR TO WALLS.
 - INSTALL PIPING TO MAINTAIN HEADROOM, CONSERVE SPACE, AND NOT INTERFERE WITH USE OF SPACE.
 - INSTALL PIPING TO ALLOW FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE, JOINTS, OR CONNECTED EQUIPMENT.
 - PROVIDE CLEARANCE IN HANGERS AND FROM STRUCTURE AND OTHER EQUIPMENT FOR INSTALLATION OF INSULATION AND FITTINGS.
 - INSTALL VALVES WITH STEMS UPRIGHT OR HORIZONTAL, NOT INVERTED.
 - PROVIDE ACCESS WHERE VALVES AND FITTINGS ARE NOT ACCESSIBLE.
 - INSTALL NON-CONDUCTING DIELECTRIC CONNECTIONS WHEREVER JOINTING DISSIMILAR METALS.
 - INSTALL WATER PIPING TO ASME B31.9.
 - SLEEVE PIPES PASSING THROUGH PARTITIONS, WALLS, AND FLOORS.
 - INSTALL WATER HAMMER ARRESTORS COMPLETE WITH ACCESSIBLE ISOLATION VALVE ON HOT AND COLD WATER SUPPLY PIPING TO EACH GROUP OF PLUMBING FIXTURES.
- ERECTION TOLERANCES:
 - ESTABLISH INVERT ELEVATIONS, SLOPES FOR DRAINAGE TO 1/8 INCH PER FOOT MINIMUM. MAINTAIN GRADIENTS.
- TESTING:
 - TEST ALL PIPES BEFORE THEY ARE INSULATED, PAINTED, OR OTHERWISE COVERED UP OR RENDERED INACCESSIBLE.
 - ACCOMPLISH TESTING BY SECTIONS OF LINES OR SYSTEMS, AS REQUIRED BY CONDITIONS DURING CONSTRUCTION. CLEAN ALL PIPING AND EQUIPMENT BEFORE TESTING.

DUCTS AND DUCT ACCESSORIES

- DUCT MATERIALS:
 - GALVANIZED STEEL DUCTS: G90 OR BETTER GALVANIZED STEEL SHEET, LOCK FORMING QUALITY (LFQ), CHEM TREAT.
 - FASTENERS: RIVETS, BOLTS, OR SHEET METAL SCREWS.
- DUCTWORK FABRICATION:
 - FABRICATE AND SUPPORT IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE, AND AS INDICATED.
 - PROVIDE DUCT MATERIAL, GAGES, REINFORCING, AND SEALING FOR OPERATING PRESSURES INDICATED.
 - TRANSVERSE DUCT JOINTS: REFER TO MANUFACTURER'S GUIDELINES FOR SHEET GAUGE, INTERMEDIATE REINFORCEMENT SIZE AND SPACING AND JOINT REINFORCEMENTS.
 - MAKE LONGITUDINAL SEAMS WITH APPROPRIATE LOCK JOINT, SEALED WITH MASTIC SEALANT.
 - USE PITTSBURGH LOCK ON FITTINGS.
 - SNAPLOCK ALLOWED ON STRAIGHT DUCT JOINTS. SECURE EACH END OF JOINT WITH SHEET METAL SCREW.
 - CONSTRUCT TS, BENDS, AND ELBOWS WITH MINIMUM RADIUS 1-1/2 TIMES CENTERLINE DUCT WIDTH, WHERE NOT POSSIBLE AND WHERE RECTANGULAR ELBOWS ARE USED, PROVIDE TURNING VANES.
 - HARPER DOUBLE WALL TURNING VANES FABRICATED FROM SAME MATERIAL AS DUCT.
 - TAB SPACING IN CONFORMANCE WITH SMACNA STANDARD. USE ALL TABS.
 - INCREASE DUCT SIZES GRADUALLY, NOT EXCEEDING 15 DEGREES DIVERGENCE WHEREVER POSSIBLE; MAXIMUM 30 DEGREES DIVERGENCE UPSTREAM OF EQUIPMENT AND 45 DEGREES CONVERGENCE DOWNSTREAM.
 - ALL DUCTWORK SHALL BE MINIMALLY SEALED AS DEFINED FOR A CLASS C SEALANT CLASS, ACCORDING TO SMACNA DUCT CONSTRUCTION STANDARDS, REGARDLESS OF ACTUAL PRESSURE CLASS. CLASS A AND CLASS B SEALANT CLASSES STILL APPLY TO APPLICABLE PRESSURE CLASSES.
- DUCT ACCESS DOORS
 - FABRICATE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, AND AS INDICATED ON DRAWINGS.
 - FABRICATION: RIGID AND CLOSE FITTING OF GALVANIZED STEEL WITH SEALING GASKETS AND QUICK FASTENING LOCKING DEVICES. FOR INSULATED DUCTWORK, FURNISH MINIMUM 1 INCH THICK INSULATION WITH SHEET METAL COVER.
 - LESS THAN 12 INCHES SQUARE, SECURE WITH SASH LOCKS.
 - UP TO 18 INCHES SQUARE, FURNISH TWO HINGES AND TWO SASH LOCKS.



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Sheet Name
MECHANICAL AND PLUMBING
COVER SHEET AND
SPECIFICATIONS

Sheet Number

MP001

DUCTS AND DUCT ACCESSORIES (CONT.)

- 4. DYNAMIC FIRE DAMPERS
 - A. MANUFACTURERS: POTTORFF, RUSKIN
 - 1) ROUND/OVAL DUCTS AT WALL PENETRATION - MODEL VFD-10D-B.
 - B. FABRICATE IN ACCORDANCE WITH NFPA 90A AND UL 555.
 - C. FIRE RESISTANCE: 1-1/2 HOURS.
 - D. DYNAMIC CLOSURE RATING: DAMPERS CLASSIFIED FOR DYNAMIC CLOSURE TO 2000 FPM AND 4 INCHES WG STATIC PRESSURE.
 - E. CONSTRUCTION:
 - 1) INTEGRAL SLEEVE FRAME: MINIMUM 20 GAGE ROLL FORMED GALVANIZED STEEL. LENGTH: 12 INCHES.
 - 2) BLADES:
 - a. STYLE: CURTAIN TYPE.
 - b. ACTION: SPRING OR GRAVITY CLOSURE UPON FUSIBLE LINK RELEASE.
 - c. MATERIAL: MINIMUM 24 GAGE ROLL FORMED, GALVANIZED STEEL.
 - 3) CLOSURE SPRINGS: TYPE 301 STAINLESS STEEL, CONSTANT FORCE TYPE, IF REQUIRED.
 - F. FUSIBLE LINK RELEASE TEMPERATURE: 165 DEGREES F.
 - G. MOUNTING: VERTICAL OR HORIZONTAL AS INDICATED ON DRAWINGS.
 - H. DUCT TRANSITION CONNECTION, DAMPER STYLE:
 - 1) BR STYLE - ROUND CONNECTION.
- 5. FLEXIBLE DUCT CONNECTIONS:
 - A. FABRICATE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, AND AS INDICATED ON DRAWINGS.
 - B. CONNECTOR: FABRIC CRIMPED INTO METAL EDGING STRIP.
 - 1) FABRIC: UL LISTED FIRE-RETARDANT NEOPRENE COATED WOVEN GLASS FIBER FABRIC CONFORMING TO NFPA 90A, MINIMUM DENSITY 30 OZ PER SQ YD.
 - 2) NET FABRIC WIDTH: APPROXIMATELY 6 INCHES WIDE.
 - 3) METAL: 3 INCH WIDE, 24 GAGE GALVANIZED STEEL.
- 6. SEALERS:
 - A. FLEXIBLE WATER BASED ADHESIVE SEALANT DESIGNED FOR USE IN ALL PRESSURE DUCT SYSTEMS.
 - B. UL LISTED AND CONFORMING TO ASTM E 84.
- 7. EXAMINATION:
 - A. VERIFY SIZES OF EQUIPMENT CONNECTIONS BEFORE FABRICATING TRANSITIONS.
- 8. INSTALLATION:
 - A. INSTALL AND SEAL DUCTS IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE.
 - B. DURING CONSTRUCTION PROVIDE TEMPORARY CLOSURES OF METAL OR TAPED POLYETHYLENE ON OPEN DUCTWORK TO PREVENT CONSTRUCTION DUST FROM ENTERING DUCTWORK SYSTEM.
 - C. USE CRIMP JOINTS WITH OR WITHOUT BEAD OR BEADED SLEEVE COUPLINGS FOR JOINING ROUND DUCT SIZES 8 INCH AND SMALLER.
 - D. USE DOUBLE NUTS AND LOCK WASHERS ON THREADED ROD SUPPORTS.
- 9. CLEANING:
 - A. CLEAN DUCT SYSTEMS WITH HIGH POWER VACUUM MACHINES. PROTECT EQUIPMENT THAT MAY BE HARMED BY EXCESSIVE DIRT WITH FILTERS, OR BYPASS DURING CLEANING. PROVIDE ADEQUATE ACCESS INTO DUCTWORK FOR CLEANING PURPOSES.
- 10. SCHEDULES:
 - A. DUCTWORK MATERIAL SCHEDULE
 - 1) EXHAUST DUCTWORK SHALL BE GALVANIZED STEEL.
 - B. DUCTWORK PRESSURE CLASS SCHEDULE
 - 1) EXHAUST DUCTWORK: 2 INCH WG PRESSURE CLASS.

AIR OUTLETS AND INLETS

- 1. LOUVERS
 - A. MANUFACTURERS: POTTORFF, RUSKIN, GREENHECK
 - B. TYPE: 6 INCH DEEP WITH BLADES ON 37 DEGREE SLOPE. HEAVY CHANNEL FRAME, BIRD/INSECT SCREEN WITH 1/2 INCH SQUARE MESH FOR EXHAUST AND 3/4 INCH FOR INTAKE.
 - C. FABRICATION: 12 GAGE THICK EXTRUDED ALUMINUM, WELDED ASSEMBLY, WITH FACTORY ANODIZED FINISH. COLOR TO BE SELECTED TO BE SELECTED BY ARCHITECT.
 - D. MOUNTING: FURNISH WITH EXTERIOR ANGLE FLANGE FOR INSTALLATION.
 - E. INSECT SCREEN: INSECT SCREEN WITH 1/2 INCH SQUARE MESH FOR EXHAUST AND 3/4 INCH FOR INTAKE.
- 2. INTERFACE WITH OTHER PRODUCTS
 - A. CHECK LOCATION OF OUTLETS AND INLETS AND MAKE NECESSARY ADJUSTMENTS IN POSITION TO CONFORM TO ARCHITECTURAL FEATURES, SYMMETRY, AND LIGHTING ARRANGEMENT.

PLUMBING FIXTURES

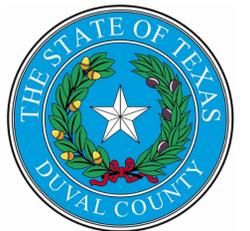
- 1. WHEEL HANDLE 1/4 TURN STOPS:
 - A. MANUFACTURERS: BRASS CRAFT MODEL KTCR19 C, NO SUBSTITUTIONS
 - B. OPERATING TEMPERATURE:
 - 1) 40-150 DEGREES F. INTERMITTENT TO 180 DEGREES F.
 - C. OPERATING PRESSURE:
 - 1) 125 PSI MAXIMUM.
 - D. MATERIAL SPECIFICATIONS:
 - 1) BODY AND BRASS COMPONENTS: CHROME PLATED C36000 BRASS.
 - 2) STEM: PLATED C36000 BRASS.
 - 3) SEATS: PURE PTFE.
 - 4) BALL: CHROME PLATED C36000 BRASS.
 - 5) O-RING: NITRILE.
 - 6) HANDLE: CHROME PLATED ZINC DIE CAST.
 - 7) HANDLE SCREW: ZINC PLATED STEEL.
 - 8) COMPRESSION SLEEVE: C36000 BRASS.
 - 9) FLEXIBLE SUPPLY RISERS:
- 2. FLEXIBLE SUPPLY RISERS:
 - A. MANUFACTURERS: BRASS CRAFT SPEEDI PLUMB PLUS
 - B. OPERATING TEMPERATURE:
 - 1) 40-150 DEGREES F. INTERMITTENT TO 180 DEGREES F.
 - C. OPERATING PRESSURE:
 - 1) 125 PSI MAXIMUM.
 - D. MATERIAL SPECIFICATIONS:
 - 1) NUTS: C36000 BRASS.
 - 2) END FITTINGS: C36000 BRASS.
 - 3) BRAIDING: POLYVINYL CHLORIDE COATED POLYESTER YARN.
 - 4) TUBING: EPDM RUBBER.
 - 5) WASHERS: NITRILE RUBBER.
- 3. CHROME PLATED BRASS P-TRAP:
 - A. MANUFACTURERS: BRASS CRAFT, MCGUIRE, DEARBORN BRASS

PLUMBING FIXTURES (CONT.)

- B. CHROME-PLATED 17-GAUGE BRASS TUBING P-TRAP WITH CLEAN-OUT. PROVIDE WITH BRASS QUARTER BEND, BRASS CLEAN-OUT PLUG, FIBER CLEAN-OUT WASHER, RUBBER WASHERS, DIE CAST NUTS.
- C. SIZE:
 - 1) LAVATORY: 1-1/4 INCH X 1-1/4 INCH.
- 4. OFFSET WASTE WITH PERFORATED OPEN STRAINER:
 - A. MANUFACTURERS: BRASS CRAFT PART NUMBER 0702, MCGUIRE PART NUMBER 155WC
 - B. POLISHED CHROME CAST BRASS OFFSET LAVATORY STRAINER, ADA COMPLIANT, CAST BRASS SOLID TOP OPEN GRID STRAINER, CAST BRASS ELBOW AND 1-1/4 INCH 17 GAUGE OFFSET TAILPIECE.
- 5. P-1 - WATER CLOSET, FLOOR MOUNTED, MANUAL FLUSH VALVE - TAS
 - A. BOWL:
 - 1) MANUFACTURERS: AMERICAN STANDARD MODEL 3043.001
 - 2) ASME A112.19.2M: FLOOR MOUNTED, SIPHON JET 16-1/2 INCH BOWL HEIGHT, TAS ACCESSIBLE, VITREOUS CHINA CLOSET BOWL, WITH ELONGATED RIM, 1-1/2 INCH TOP SPUD, CHINA BOLT CAPS, MINIMUM 2 INCH PASSAGEWAY.
 - B. MANUAL OPERATED FLUSH VALVE:
 - 1) MANUFACTURER: AMERICAN STANDARD MODEL 6147121.002
 - 2) ASME A112.19.2: EXPOSED CHROME PLATED, DIAPHRAGM TYPE, INTEGRAL SCREWDRIVER STOP AND VACUUM BREAKER, ADJUSTABLE TAILPIECE, VANDAL RESISTANT STOP CAP WITH SET SCREW, SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE, MAXIMUM 1.28 GALLON FLUSH VOLUME, 11-1/2 INCH RISER.
 - C. SEAT:
 - 1) MANUFACTURER: BEMIS MODEL 1955 SSC
 - 2) SOLID WHITE PLASTIC, OPEN FRONT, EXTENDED BACK, SELF-SUSTAINING HINGE, AND BRASS BOLTS.
- 6. P-2 - URINAL, WALL HUNG, MANUAL FLUSH VALVE - TAS
 - A. URINAL:
 - 1) MANUFACTURERS: AMERICAN STANDARD 6042.001EC
 - 2) ASME A112.19.2: VITREOUS CHINA, WALL HUNG WASHOUT ACTION URINAL WITH SHIELDS, 14 INCH EXTENDED LIP, INTEGRAL TRAP, 3/4 INCH TOP SPUD.
 - 3) 0.125 GALLONS PER FLUSH.
 - 4) REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
 - B. MANUAL OPERATED FLUSH VALVE:
 - 1) MANUFACTURER: AMERICAN STANDARD 6045.013.002
 - 2) ASME A112.19.2: EXPOSED CHROME PLATED, DIAPHRAGM TYPE, INTEGRAL SCREWDRIVER STOP AND VACUUM BREAKER, ADJUSTABLE TAILPIECE, VANDAL RESISTANT STOP CAP WITH SET SCREW, SWEAT SOLDER ADAPTER WITH COVER TUBE AND CAST SET SCREW WALL FLANGE, MAXIMUM 0.125 GALLON FLUSH VOLUME, 11-1/2 INCH RISER.
 - C. WALL MOUNTED CARRIER:
 - 1) MANUFACTURERS: ZURN Z-1221
 - 2) ASME A112.6.1: CAST IRON AND STEEL FRAME WITH TUBULAR LEGS, LUGS FOR FLOOR AND WALL ATTACHMENT, THREADED FIXTURE STUDS FOR FIXTURE HANGER.
- 7. P-3 - LAVATORY, WALL HUNG - TAS
 - A. VITREOUS CHINA WALL HUNG BASIN:
 - 1) MANUFACTURERS: AMERICAN STANDARD 9024.008EC
 - 2) ASME A112.19.2: VITREOUS CHINA WALL HUNG LAVATORY 20 INCH X 18 INCH, LEDGE-BACK, 8 INCH CENTERS, RECTANGULAR BASIN WITH SPLASH LIP, REAR OVERFLOW, AND SOAP DEPRESSION.
 - 3) REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FIXTURE INSTALLATION HEIGHT.
 - B. SUPPLY FITTING:
 - 1) MANUFACTURERS: AMERICAN STANDARD MODEL 7455.814.002
 - 2) ASME A112.18.1: TWO-HANDLE WIDESPREAD HANDLE FAUCET, 1.2 GPM FLOW RATE, 8" CENTERS, CERAMIC CARTRIDGES.
 - C. ACCESSORIES:
 - 1) CHROME PLATED 17 GAGE BRASS P-TRAP WITH CLEAN-OUT PLUG AND ARM WITH ESCUTCHEON.
 - 2) OFFSET WASTE WITH PERFORATED OPEN STRAINER.
 - 3) WHEEL HANDLE 1/4 TURN STOPS.
 - 4) FLEXIBLE SUPPLIES.
 - 5) TRUE-BRO HANDICAP INSULATION KIT.
 - D. WALL MOUNTED CARRIER:
 - 1) MANUFACTURER: ZURN Z1231EZ
 - 2) ASME A112.6.1: CAST IRON AND STEEL FRAME WITH TUBULAR LEGS, LUGS FOR FLOOR AND WALL ATTACHMENT, THREADED STUDS FOR FIXTURE HANGER, CONCEALED ARM SUPPORTS, BEARING PLATE AND STUDS.
- 8. P-4 - MOP BASIN, SQUARE TERRAZZO, 32"X32"X12"
 - A. BOWL:
 - 1) FIAT MODEL TSB3001; 32X32X12, 6" DROP FRONT.
 - 2) 2 INCH WIDE SHOULDERS, STAINLESS STEEL CAPS, 3" STAINLESS STEEL CAST INTEGRAL DRAIN BODY, STAINLESS STEEL STRAINER.
 - B. TRIM:
 - 1) MANUFACTURERS: AMERICAN STANDARD MODEL 8354112.004
 - 2) ASME A112.18.1 EXPOSED WALL TYPE SUPPLY WITH LEVER HANDLES, SPOUT WALL BRACE, PAIL HOOK, VACUUM BREAKER, HOSE END SPOUT, STRAINERS, ECCENTRIC ADJUSTABLE INLETS, INTEGRAL LOOSE KEY STOPS, AND ADJUSTABLE THREADED WALL FLANGES.
 - C. ACCESSORIES:
 - 1) 5 FEET OF 1/2 INCH DIAMETER PLAIN END REINFORCED RUBBER HOSE.
 - 2) HOSE CLAMP HANGER.
 - 3) MOP HANGER.
 - 4) MSG STAINLESS STEEL WALL GUARDS.
- 9. EXAMINATION:
 - A. VERIFY THAT WALLS AND FLOOR FINISHES ARE PREPARED AND READY FOR INSTALLATION OF FIXTURES.
- 10. PREPARATION:
 - A. ROUGH-IN FIXTURE PIPING CONNECTIONS IN ACCORDANCE WITH MINIMUM SIZES INDICATED IN FIXTURE ROUGH-IN SCHEDULE FOR PARTICULAR FIXTURES.
 - B. VERIFY ROUGH-IN HEIGHTS BEFORE INSTALLATION. SECURE RULING ON HEIGHTS OF TAS FIXTURES BEFORE ROUGH-IN.
- 11. INSTALLATION:
 - A. INSTALL EACH FIXTURE WITH TRAP, EASILY REMOVABLE FOR SERVICING AND CLEANING.
 - B. PROVIDE CHROME PLATED RIGID OR FLEXIBLE SUPPLIES TO FIXTURES WITH STOPS, REDUCERS, AND ESCUTCHEONS.
 - C. INSTALL COMPONENTS LEVEL AND PLUMB.
 - D. INSTALL AND SECURE FIXTURES IN PLACE WITH WALL SUPPORTS, WALL CARRIERS AND BOLTS.
 - E. SEAL FIXTURES TO WALL AND FLOOR SURFACES WITH SEALANT
 - F. SOLIDLY ATTACH WATER CLOSETS TO FLOOR WITH LAG SCREWS. LEAD FLASHING IS NOT INTENDED HOLD FIXTURE IN PLACE.
 - G. FOR TAS ACCESSIBLE WATER CLOSETS, INSTALL FLUSH VALVE WITH HANDLE TO WIDE SIDE OF STALL
- 12. TAS COMPLIANCE:
 - A. OBTAIN RULING ON MOUNTING HEIGHTS OF ALL FIXTURES.
 - B. INSTALL PRE-FORMED INSULATING COVERS ON ALL EXPOSED TAILPIECES, TRAPS, AND WATER SERVICE BENEATH TAS COMPLIANT SINKS, LAVATORIES, ETC.

PLUMBING FIXTURES (CONT.)

- 13. ADJUSTING:
 - A. ADJUSTING STOPS OR VALVES FOR INTENDED WATER FLOW RATE TO FIXTURES WITHOUT SPLASHING, NOISE, OR OVERFLOW.
- 14. CLEANING.
 - A. CLEAN PLUMBING FIXTURES AND EQUIPMENT.
- 15. PROTECTION OF FINISHED WORK:
 - A. DO NOT PERMIT USE OF FIXTURES.



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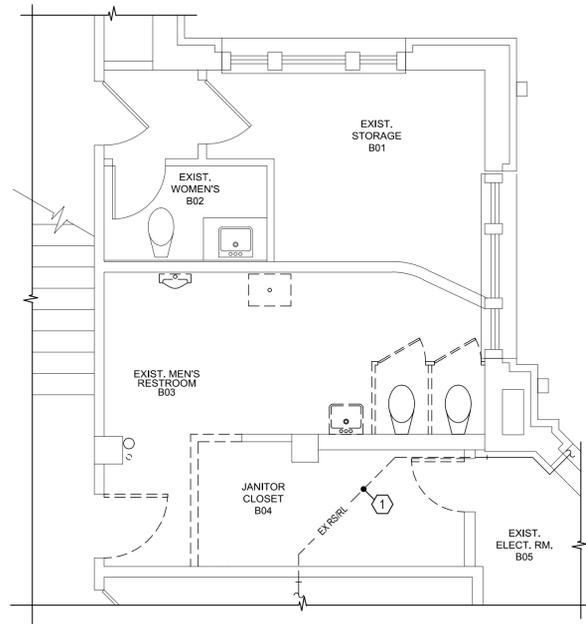
June 19, 2025

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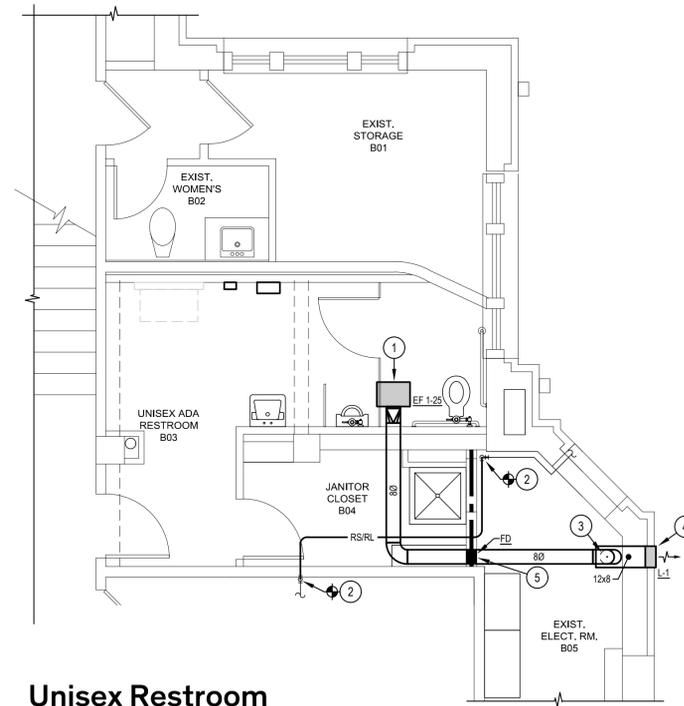
Sheet Name MECHANICAL & PLUMBING SPECIFICATIONS

Sheet Number

MP002



1 Unisex Restroom
Enlarged Mechanical Demolition Floor Plan
Scale: 1/4" = 1'-0"



2 Unisex Restroom
Enlarged Mechanical Floor Plan
Scale: 1/4" = 1'-0"

ALTERNATE NO. 2
REHABILITATE MEN'S RESTROOM AT BASEMENT
LEVEL TO ADA COMPLIANT UNISEX RESTROOM,
REFER TO SPEC. SECT. 01230-ALTERNATES

RATED WALL LEGEND	
MARK	DESCRIPTION
---	1 HR FIRE RATED ASSEMBLY

LOUVER SCHEDULE						
MARK	TYPE	SIZE (WxHxD)	FREE AREA (FT2)	FINISH	FRAME	EXAMPLE: POTTORFF
L-1	EXHAUST	12x8x6	0.20	ANODIZED	EXTERIOR FLANGE	EFD-637

NOTES: 1. COLOR TO BE SELECTED BY ARCHITECT.
2. PROVIDE LOUVER WITH INSECT SCREEN.

FAN SCHEDULE									
MARK	CFM	SP	WATTS	RPM	TYPE	DRIVE	ELECTRICAL	MAX. SONES	EXAMPLE: COOK
EF 1-25	200	0.4	29	1241	CEILING	DIRECT	115/1/60	2.5	GCVF-500

NOTES: 1. FAN SELECTED AT ELEVATION OF 300 FEET.
2. PROVIDE FAN WITH FACTORY WIRED DISCONNECT AND SPEED CONTROLLER.
3. PROVIDE FAN WITH WHITE ALUMINUM GRILLE.

GENERAL NOTES:

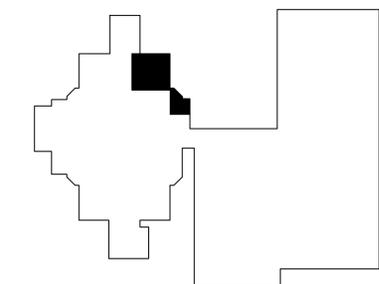
- COORDINATE DEMOLITION WORK, NEW DUCTWORK, AND NEW EQUIPMENT WITH ARCHITECTURAL, STRUCTURAL, PLUMBING, AND ELECTRICAL SYSTEMS.
- FIELD MEASURE CLEARANCES REQUIRED FOR DUCTWORK INSTALLATION PRIOR TO FABRICATION.
- NEW REFRIGERANT PIPING SHALL BE TYPE ACR HARD DRAWN COPPER AND FITTINGS SHALL BE LONG RADIUS TYPE.
- REFRIGERANT SUCTION PIPING SHALL BE INSULATED USING 3/4 INCH ARMAFLEX CLOSED CELL INSULATION.
- GENERALLY, INSTALL MECHANICAL DUCTWORK AND EQUIPMENT ABOVE DOMESTIC WATER PIPING.
- THERE SHALL NOT BE ANY EXPOSED MEP DEVICES OR DISTRIBUTION LINES IN RESTROOM B03, CONCEAL ABOVE SUSPENDED CEILING AND WALL FURR OUTS, REFER TO ARCHITECTURAL DRAWINGS.

DEMOLITION KEYED NOTES:

- REMOVE EXISTING REFRIGERANT PIPING SHOWN DASHED. REFER TO NEW WORK ON THIS SHEET.

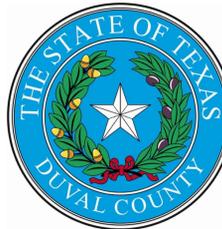
KEYED NOTES:

- SUSPEND CEILING MOUNTED FAN FROM STRUCTURE USING THREADED ROD AND NEOPRENE ISOLATORS. CONNECT DUCTWORK TO FAN USING FLEXIBLE CONNECTION.
- CONNECT NEW REFRIGERANT PIPING TO EXISTING AND ROUTE EXPOSED ALONG WALL TO OVERHEAD SPACE. FIELD VERIFY EXISTING PIPE SIZES.
- EXHAUST DUCTWORK DOWN ALONG WALL TO LOUVER. MAINTAIN REQUIRED NEC CLEARANCE IN FRONT OF NEW/EXISTING ELECTRICAL PANELS.
- INSTALL NEW EXHAUST LOUVER IN EXTERIOR WALL ABOVE AREA WAY STEPS. INSTALL LOUVER AS LOW AS POSSIBLE. COORDINATE LOCATION WITH ARCHITECT. REFER TO ARCHITECTURAL DRAWINGS FOR L1/EL INSTALLATION DETAIL.
- INSTALL FIRE DAMPER IN DUCT AT WALL PENETRATION. INSTALL DUCT ACCESS DOOR IN EXISTING ELECTRICAL ROOM B05.



Keyplan - Basement

NO SCALE



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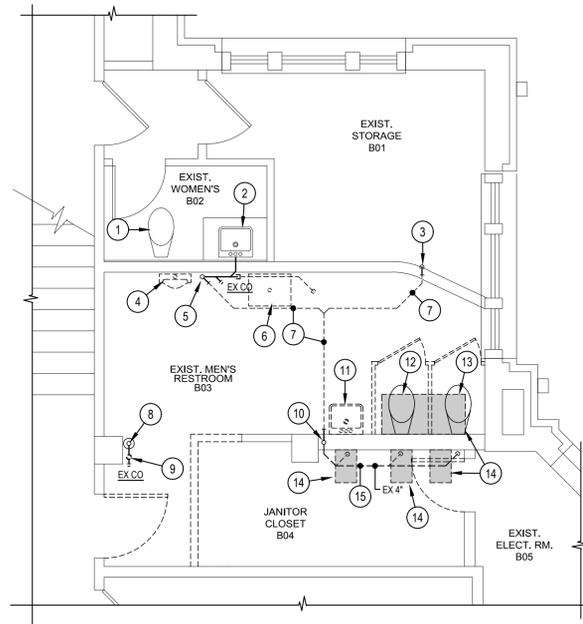
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Architexas No. 2433 Date 06/19/2025

Sheet Name
**BASEMENT ENLARGED
MECHANICAL FLOOR PLANS**

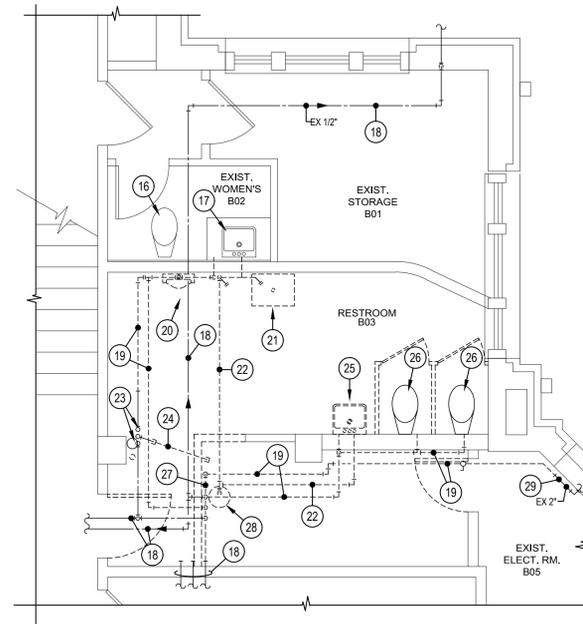
Sheet Number

M201



1 Unisex Restroom
Enlarged Waste and Vent Demolition Plan

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



2 Unisex Restroom
Enlarged Domestic Water Demolition Plan

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



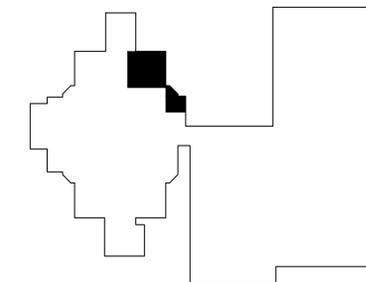
ALTERNATE NO. 2
REHABILITATE MEN'S RESTROOM AT BASEMENT
LEVEL TO ADA COMPLIANT UNISEX RESTROOM,
REFER TO SPEC. SECT. 01230-ALTERNATES

GENERAL NOTES:

- COORDINATE DEMOLITION WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS.
- FIELD VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
- CAMERA ALL EXISTING UNDERFLOOR SEWER/WASTE PIPING SERVING RESTROOM B03 TO DETERMINE PIPING CONDITION. NOTIFY THE ARCHITECT OF ANY PIPING DETERIORATION OR FAILURES.
- THE EXACT ROUTING OF EXISTING UNDERFLOOR UTILITIES IS UNKNOWN. CONTRACTOR SHALL USE UTILITY CAMERA TO DETERMINE EXACT ROUTING OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CUTTING ANY SLAB. MODIFY LAYOUT OF NEW UTILITIES AS REQUIRED FOR CONNECTIONS TO EXISTING. PROVIDE AS-BUILT DRAWINGS OF EXISTING UNDERFLOOR UTILITIES TO BUILDING OWNER AT COMPLETION OF PROJECT.
- ESTABLISH GRADES AND CONNECTION POINTS TO EXISTING UTILITIES PRIOR TO COMMENCING WORK.
- REMOVE HANGERS AND SUPPORTS SERVING PIPING TO BE REMOVED. DO NOT ABANDON HANGERS IN PLACE.
- IN ADDITION TO AREAS SHOWN SPECIFICALLY TO BE REMOVED, THE CONTRACTOR SHALL SAWCUT, REMOVE, AND REPLACE EXISTING SLAB AS REQUIRED TO PERFORM NEW WORK. REFER TO SHEET P201 FOR NEW WORK.

KEYED NOTES:

- EXISTING WATER CLOSET AND ASSOCIATED SEWER AND VENT PIPING TO REMAIN.
- EXISTING LAVATORY AND ASSOCIATED WASTE AND VENT PIPING TO REMAIN.
- EXISTING VENT PIPING WITHIN WALL TO REMAIN.
- REMOVE EXISTING URINAL AND CARRIER. REMOVE ASSOCIATED WASTE PIPING DOWN TO BELOW SLAB AND CAP.
- EXISTING VENT PIPING UP FROM BELOW SLAB TO OVERHEAD SPACE TO REMAIN.
- REMOVE EXISTING SINK. REMOVE ASSOCIATED WASTE PIPING SHOWN DASHED AND CAP.
- REMOVE EXISTING VENT PIPING SHOWN DASHED. REFER TO NEW WORK ON SHEET P201.
- EXISTING 4 INCH SEWER PIPING DOWN THRU FIRST FLOOR TO REMAIN.
- REMOVE ABANDONED P-TRAP AND 2 INCH WASTE PIPING DOWN TO EXISTING CLEANOUT AT FLOOR LEVEL AND CAP. EXISTING CLEANOUT TO REMAIN.
- EXISTING 4 INCH VENT RISER WITHIN WALL TO REMAIN.
- REMOVE EXISTING LAVATORY AND CARRIER. REMOVE ASSOCIATED WASTE AND VENT PIPING BACK TO MAINS AND CAP.
- REMOVE EXISTING WATER CLOSET. REMOVE ASSOCIATED SEWER AND VENT PIPING DOWN IN WALL TO BELOW SLAB AND CAP.
- REMOVE EXISTING WATER CLOSET. MODIFY ASSOCIATED SEWER AND VENT PIPING AS REQUIRED FOR INSTALLATION OF NEW FIXTURE. REFER TO NEW WORK ON SHEET P201.
- SAWCUT AND REMOVE EXISTING SLAB SHOWN SHADED FOR INSTALLATION OF NEW UNDERFLOOR SEWER/WASTE PIPING. REFER TO NEW WORK ON SHEET P201.
- EXISTING VENT PIPING WITHIN JANITOR CLOSET TO REMAIN.
- EXISTING WATER CLOSET TO REMAIN. REMOVE ALL ASSOCIATED COLD WATER PIPING.
- EXISTING LAVATORY TO REMAIN. REMOVE ALL ASSOCIATED COLD AND HOT WATER PIPING.
- EXISTING GALVANIZED COLD WATER PIPING OVERHEAD TO REMAIN.
- REMOVE EXISTING COLD WATER PIPING SHOWN DASHED.
- REMOVE EXISTING URINAL. REMOVE FLUSH VALVE AND ALL ASSOCIATED COLD WATER PIPING.
- REMOVE EXISTING SINK. REMOVE ALL ASSOCIATED COLD AND HOT WATER PIPING.
- REMOVE EXISTING HOT WATER PIPING SHOWN DASHED.
- EXISTING GALVANIZED COLD WATER PIPING UP THRU FIRST FLOOR TO REMAIN.
- REMOVE ABANDONED GALVANIZED WATER PIPING SHOWN DASHED AND CAP IN OVERHEAD SPACE.
- REMOVE EXISTING LAVATORY. REMOVE ALL ASSOCIATED COLD AND HOT WATER PIPING.
- REMOVE EXISTING WATER CLOSET. REMOVE ALL ASSOCIATED COLD WATER PIPING.
- REMOVE EXISTING COLD WATER HEADER AND ASSOCIATED PIPING SHOWN DASHED.
- TEMPORARILY REMOVE EXISTING WATER HEATER AND SALVAGE FOR REUSE. REMOVE ALL ASSOCIATED PIPING. REFER TO SHEET P201.
- EXISTING 2 INCH GALVANIZED COLD WATER MAIN TO REMAIN.



Keyplan - Basement

NO SCALE



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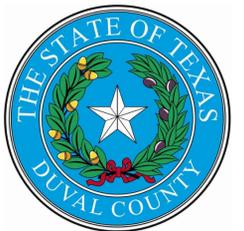
June 19, 2025

Architexas No. 2433 Date 06/19/2025

Sheet Name
BASEMENT ENLARGED PLUMBING DEMOLITION PLANS

Sheet Number

P101



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Sheet Name BASEMENT ENLARGED PLUMBING PLANS

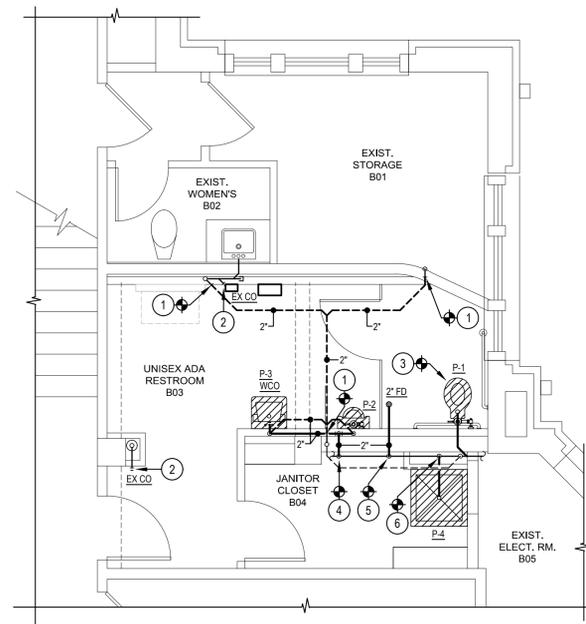
Sheet Number P201

GENERAL NOTES:

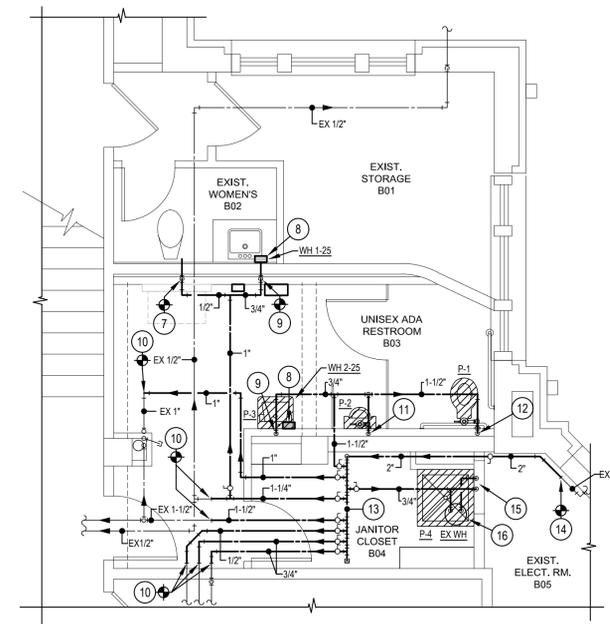
- COORDINATE NEW PIPING WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS.
- FIELD VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
- CAMERA ALL EXISTING UNDERFLOOR SEWER/WASTE PIPING SERVING RESTROOM B03 TO DETERMINE PIPING CONDITION. NOTIFY THE ARCHITECT OF ANY PIPING DETERIORATION OR FAILURES.
- THE EXACT ROUTING OF EXISTING UNDERFLOOR UTILITIES IS UNKNOWN. CONTRACTOR SHALL USE UTILITY CAMERA TO DETERMINE EXACT ROUTING OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CUTTING ANY SLAB. MODIFY LAYOUT OF NEW UTILITIES AS REQUIRED FOR CONNECTIONS TO EXISTING. PROVIDE AS-BUILT DRAWINGS OF EXISTING UNDERFLOOR UTILITIES TO BUILDING OWNER AT COMPLETION OF PROJECT.
- ESTABLISH GRADES AND CONNECTION POINTS TO EXISTING UTILITIES PRIOR TO COMMENCING WORK.
- CONCRETE SLAB REPLACEMENT TO BE PERFORMED BY THE GENERAL CONTRACTOR.
- INSTALL NEW VENT AND DOMESTIC WATER PIPING AS HIGH AS POSSIBLE.
- THERE SHALL NOT BE ANY EXPOSED MEP DEVICES OR DISTRIBUTION LINES IN RESTROOM B03, CONCEAL ABOVE SUSPENDED CEILING AND WALL FURR OUTS, REFER TO ARCHITECTURAL DRAWINGS.

KEYED NOTES:

- CONNECT NEW 2 INCH VENT PIPING TO EXISTING ABOVE CEILING.
- MODIFY EXISTING CLEANOUT AS REQUIRED TO INSTALL NEW WALL ACCESS COVER IN NEW WALL/FURRING.
- INSTALL NEW CLOSET ARM, MODIFY EXISTING SEWER AND VENT PIPING AS REQUIRED FOR INSTALLATION OF NEW FIXTURE. REFER TO ARCHITECTURAL FOR CLEARANCE REQUIREMENTS OF NEW WATER CLOSET LOCATION.
- NEW 2 INCH WASTE PIPING FROM LAVATORY AND URINAL EXPOSED DOWN WALL TO BELOW SLAB. CONNECT TO EXISTING SEWER PIPING BELOW FLOOR.
- CONNECT NEW 2 INCH WASTE PIPING FROM FLOOR DRAIN TO EXISTING SEWER PIPING BELOW SLAB.
- CONNECT NEW 3 INCH WASTE PIPING FROM MOP SINK TO EXISTING SEWER PIPING BELOW SLAB.
- NEW 1/2 INCH COLD WATER PIPING DOWN IN NEW FURRING TO EXISTING WATER CLOSET.
- INSTALL INSTANTANEOUS WATER HEATER DIRECTLY BELOW LAVATORY. INSTALL NEW ISOLATION BALL VALVE AT COLD WATER INLET TO WATER HEATER. CONNECT NEW 1/2 INCH HOT WATER PIPING TO OUTLET OF WATER HEATER TO SERVE LAVATORY. REFER TO DETAIL 5 ON THIS SHEET FOR WATER HEATER PIPING CONNECTIONS.
- NEW 3/4 INCH COLD WATER PIPING DOWN IN NEW FURRING TO EXISTING OR NEW LAVATORY AND NEW WATER HEATER. CONNECT 1/2 INCH COLD AND HOT WATER PIPING TO LAVATORY.
- CONNECT NEW COLD WATER PIPING TO EXISTING GALVANIZED PIPING OVERHEAD. PROVIDE DI-ELECTRIC UNION AT CONNECTION.
- NEW 3/4 INCH COLD WATER PIPING DOWN IN NEW FURRING TO URINAL FLUSH VALVE.
- NEW 1-1/2 INCH COLD WATER PIPING DOWN IN NEW FURRING TO WATER CLOSET FLUSH VALVE.
- INSTALL NEW 2 INCH COLD WATER HEADER AS HIGH AS POSSIBLE IN OVERHEAD SPACE.
- CONNECT NEW 2 INCH COLD WATER PIPING TO EXISTING. INSTALL NEW ISOLATION BALL VALVE IN EXISTING ELECTRICAL ROOM B05. PROVIDE DI-ELECTRIC UNION AT CONNECTION.
- NEW 1/2 INCH COLD AND HOT WATER PIPING DOWN IN WALL TO MOP SINK.
- REINSTALL EXISTING WATER HEATER ABOVE NEW MOP SINK USING WALL HUNG PLATFORM. REFER TO DETAIL 6 ON THIS SHEET.



1 Unisex Restroom Enlarged Waste and Vent Floor Plan
Scale: 1/4" = 1'-0"



2 Unisex Restroom Enlarged Domestic Water Floor Plan
Scale: 1/4" = 1'-0"

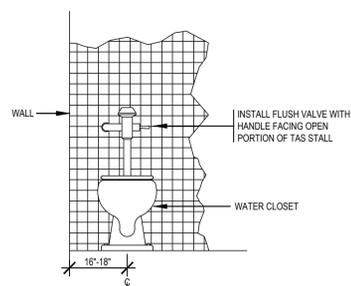
ALTERNATE NO. 2
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM, REFER TO SPEC. SECT. 01230-ALTERNATES

PLUMBING FIXTURE CONNECTION SCHEDULE

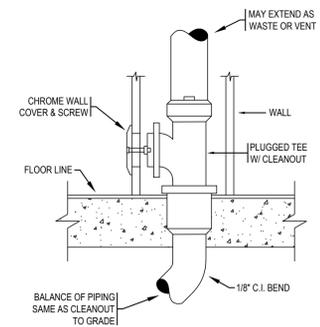
MARK	FIXTURE	CONNECTIONS			
		CW	HW	WASTE	VENT
2" FD	2 INCH FLOOR DRAIN, ROUND STRAINER, TRAP SEAL	---	---	2	---
P-1	WATER CLOSET, FLOOR MOUNTED, MANUAL FLUSH VALVE - TAS	1-1/2	---	4	2
P-2	URINAL, WALL HUNG, MANUAL FLUSH VALVE - TAS	3/4	---	2	2
P-3	LAVATORY, WALL HUNG - TAS	1/2	1/2	2	2
P-4	MOP BASIN, SQUARE TERRAZZO, 32"x32"x12"	1/2	1/2	3	2

WATER HEATER SCHEDULE

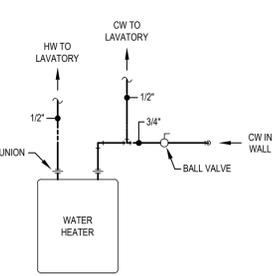
MARK	SIZE IN GALLONS	TYPE	INPUT	ELECTRICAL	EXAMPLE: EEMAX
WH 1-25	TANKLESS	ELECTRIC	3.0 KW	208/1/60	FLOWCO, SPEX3208
WH 2-25	TANKLESS	ELECTRIC	3.0 KW	208/1/60	FLOWCO, SPEX3208



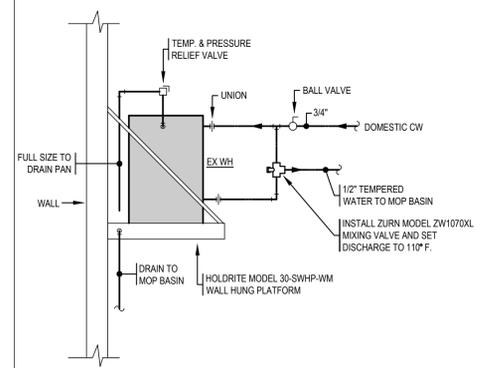
3 FLOOR MOUNT WATER CLOSET INSTALLATION - TAS
NO SCALE



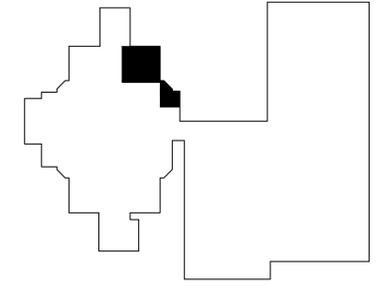
4 WALL CLEANOUT DETAIL
NO SCALE



5 INSTANTANEOUS WATER HEATER PIPING DETAIL
NO SCALE

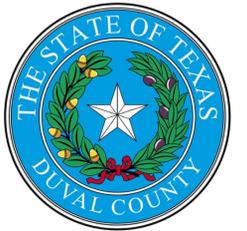


6 WALL MOUNTED WATER HEATER PIPING DETAIL
NO SCALE



Keyplan - Basement
NO SCALE





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Sheet Name ELECTRICAL COVER SHEET

Sheet Number

E000

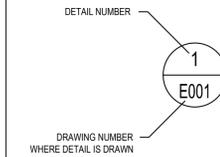
ABBREVIATIONS		ABBREVIATIONS (CONT.)		ABBREVIATIONS (CONT.)		ABBREVIATIONS (CONT.)		MISCELLANEOUS	
A,AMPS	AMPERES	FXT	FIXTURE	M	MOTOR	REC	RECEPTACLE	1P	ONE POLE
AC	ALTERNATING CURRENT	FLA	FULL LOAD AMPERES	mA	MILLIAMPERES	RGS	RIGID GALVANIZED STEEL	2P	TWO POLE
AF	AMPERES-FUSE RATING, AMPERES-FRAME RATING	FLEX	FLEXIBLE	m	METER	RM	ROOM	3P	THREE POLE
AFF	ABOVE FINISHED FLOOR	FLOUR	FLOURESCENT	MAX	MAXIMUM	SC	SHORT CIRCUIT	Ø	PHASE
AIC	AMPERES INTERRUPTING CAPACITY (SYMMETRIC)	FT	FEET	MECH	MECHANICAL	SEC	SECONDARY	2Ø	TWO PHASE
ARCH	ARCHITECTURAL	GA	GAUGE	MH	MANHOLE, MOUNTING HEIGHT, METAL HALIDE	SPDT	SINGLE POLE DOUBLE THROW	3Ø	THREE PHASE
AT	AMPERES-TRIP RATING	GALV	GALVANIZED	MIN	MINIMUM	SPEC	SPECIFICATIONS		
ATS	AUTOMATIC TRANSFER SWITCH	GFI	GROUND FAULT INTERRUPTER	MISC	MISCELLANEOUS	SPST	SINGLE POLE SINGLE THROW		
AUTO	AUTOMATIC	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	mm	MILLIMETER	SS	STAINLESS STEEL		
AWG	AMERICAN WIRE GAUGE	GND	GROUND	MTD	MOUNTED	STD	STANDARD		
		H	HEIGHT	MTG	MOUNTING	SW	SWITCH		
BKR	BREAKER	HID	HIGH INTENSITY DISCHARGE	N	NEUTRAL	SYM	SYMMETRICAL		
BLDG	BUILDING	ID	INSIDE DIAMETER	NA	NOT APPLICABLE	TEL	TELEPHONE		
C	CONDUIT	IMC	INTERMEDIATE METAL CONDUIT	NC	NORMALLY CLOSED	TTB	TELECOMMUNICATION TERMINAL BOARD		
CB	CIRCUIT BREAKER	IN	INCH(ES)	NEC	NATIONAL ELECTRICAL CODE	TV	TELEVISION		
CKT	CIRCUIT	JB	JUNCTION BOX	NO	NORMALLY OPEN	TYP	TYPICAL		
CLG	CEILING	KCMIL	THOUSAND CIRCULAR MILLS	NTS	NOT TO SCALE	UL	UNDERWRITERS LABORATORIES		
CU	COPPER	KV	KILOVOLT	OC	ON CENTER	UON	UNLESS OTHERWISE NOTED		
DIA	DIAMETER	KVA	KILOVOLT AMPERE	OD	OUTSIDE DIAMETER	V	VOLT, VOLTAGE		
DISC	DISCONNECT	KVAR	KILOVOLT AMPERE REACTIVE	OFE	OWNER FURNISHED EQUIPMENT	VA	VOLT AMPERES		
DP	DOUBLE POLE	KW	KILOWATT	OL	OVERLOAD	W	WIDTH, WATTS		
DPDT	DOUBLE POLE DOUBLE THROW	KWH	KILOWATT HOUR	PB	PUSH BUTTON	W/	WITH		
DWG	DRAWING	L	LENGTH	PF	POWER FACTOR	W/O	WITHOUT		
EC	ELECTRICAL CONTRACTOR	LA	LIGHTNING ARRESTOR	PH	PHASE	XFMR	TRANSFORMER		
ELEC	ELECTRICAL	LT(G)	LIGHT(ING)	PNL	PANEL				
EMT	ELECTRICAL METALLIC TUBING	LV	LOW VOLTAGE	PRI	PRIMARY				
ENCL	ENCLOSURE			PVC	POLY-VINYL CHLORIDE				
EQUIP	EQUIPMENT								
EXF	EXHAUST FAN								

LEGEND

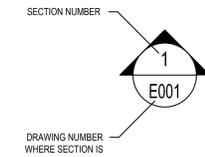
⌘	SPST WALL SWITCH, 20A, 120V.
⌘DS	WALL MOUNTED DIGITAL WALL SWITCH EQUAL TO A WATTSTOPPER LMSW-100. REFER TO CORRESPONDING ROOM/AREA DIGITAL OCCUPANCY SENSOR WIRING DIAGRAM FOR DETAILS.
⊙	CEILING MOUNTED PASSIVE INFRARED DIGITAL OCCUPANCY SENSOR EQUAL TO A WATTSTOPPER LMPC-100. REFER TO CORRESPONDING ROOM/AREA DIGITAL OCCUPANCY SENSOR WIRING DIAGRAM FOR DETAILS.
⊞	DIGITAL ON/OFF ROOM CONTROLLER MOUNTED ABOVE CEILING EQUAL TO A WATTSTOPPER LMRC-100. REFER TO CORRESPONDING ROOM/AREA DIGITAL OCCUPANCY SENSOR WIRING DIAGRAM FOR DETAILS.
⊕	SIMPLEX RECEPTACLE. TYPE AS NOTED.
— — —	BRANCH CIRCUIT DESIGNATION. IF NO CROSS MARKS ARE SHOWN, CIRCUIT CONTAINS TWO CURRENT CARRYING CONDUCTORS AND ONE GROUNDING CONDUCTOR. IF MORE THAN TWO CURRENT CARRYING CONDUCTORS ARE REQUIRED, CROSS LINES INDICATE THE FOLLOWING: SHORT CROSS LINE INDICATES NEUTRAL CONDUCTOR, LONG CROSS LINE INDICATES HOT OR SWITCHED CONDUCTOR, LONG CROSS LINE WITH DOT INDICATES ADDITIONAL ISOLATED GROUNDING CONDUCTOR.
→	ARROW WITH CIRCUIT NUMBER INDICATES HOMERUN AND PANEL CIRCUIT NUMBER.

SITE SYMBOLS

⊞	POWER MANHOLE.
⊞	TELECOM MANHOLE.
⊞	SIGNAL MANHOLE.
⊞	DUCTBANK SECTION KEY NOTE. DIRECTION OF FLAG INDICATES DIRECTION OF SECTION VIEWPOINT.



DETAIL INDICATION



SECTION INDICATION



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Sheet Name ELECTRICAL SITE PLAN

Sheet Number

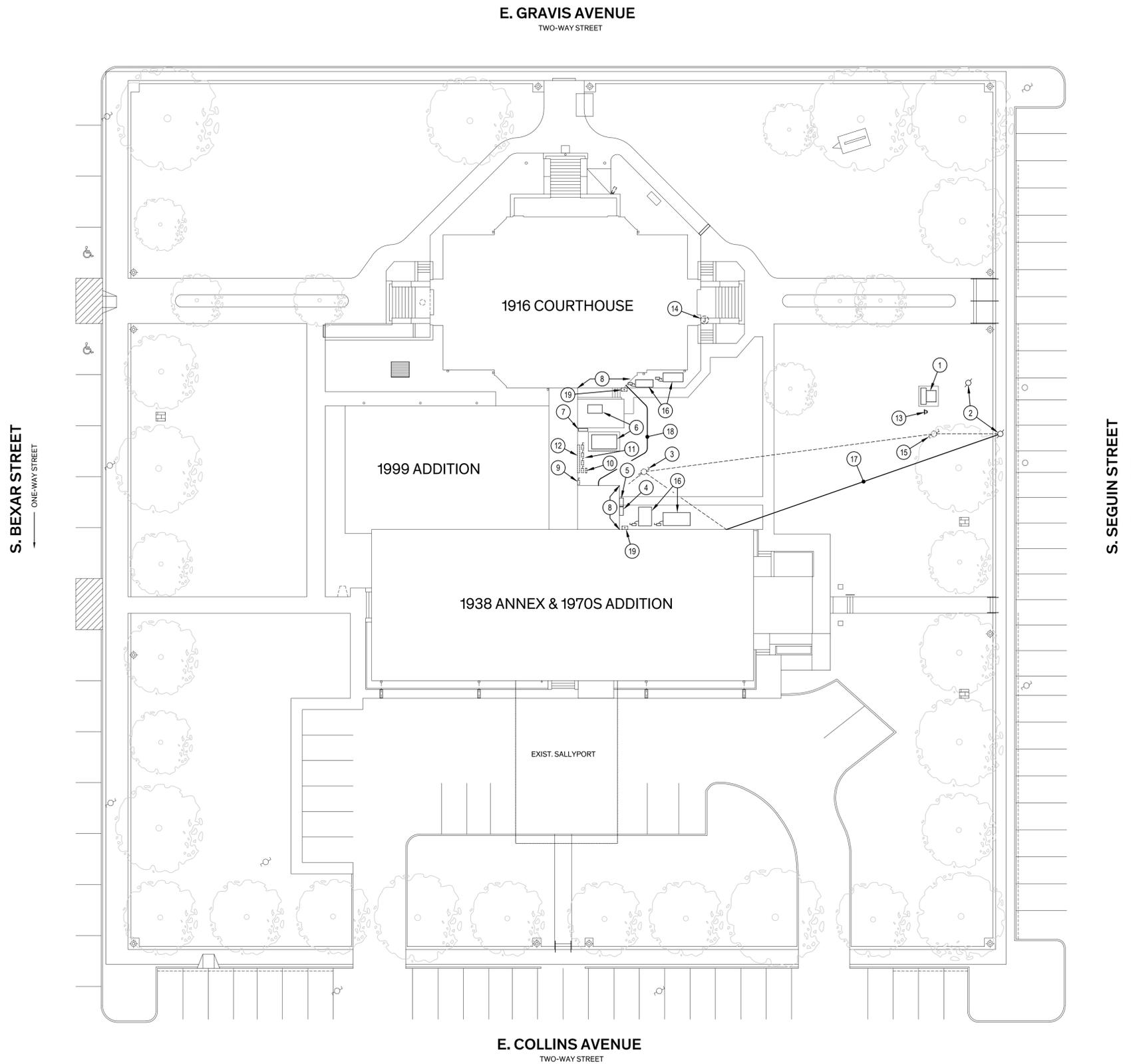
E001

GENERAL NOTES:

1. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
2. CONTRACTOR TO VERIFY UNDERGROUND CONNECTIONS AND LINES PRIOR TO TRENCHING.

KEYED NOTES:

- 1 EXISTING PADMOUNTED TRANSFORMER TO REMAIN.
- 2 EXISTING OVERHEAD SERVICE POLE TO REMAIN.
- 3 REMOVE AND DISCARD EXISTING ABANDONED OVERHEAD SERVICE POLE. UTILITY COMPANY TO REMOVE AND DISCARD ALL ASSOCIATED OVERHEAD POWER AND TELECOMMUNICATIONS CABLING. CONTRACTOR TO FULLY COORDINATE.
- 4 EXISTING PANEL MSB-1 TO REMAIN.
- 5 EXISTING PANEL MSB-2 TO REMAIN.
- 6 EXISTING EMERGENCY GENERATOR TO REMAIN.
- 7 EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN. REMOVE AND DISCARD EXISTING LINE WIRING AND CONDUIT TO EXISTING GUTTER. CONNECT EXISTING WIRING FEEDING PANEL EDP TO THE LINE SIDE OF THE AUTOMATIC TRANSFER SWITCH.
- 8 REMOVE AND DISCARD EXISTING ABANDONED CONDUIT ON BUILDING EXTERIOR. PATCH BRICK WALL AS REQUIRED, REFER TO ARCHITECTURAL FOR DETAILS.
- 9 REMOVE AND DISCARD EXISTING DOUBLE THROW DISCONNECT SWITCH AND ALL ASSOCIATED WIRING AND CONDUIT. CONTRACTOR TO RE-ROUTE EXISTING PANEL IN ELECTION STORAGE TO EXISTING SWITCHBOARD MSB.
- 10 REMOVE AND DISCARD EXISTING EMERGENCY PANEL. CONTRACTOR TO RE-ROUTE EXISTING LOADS ON THE JAIL SIDE THROUGH EXISTING PANEL EDP AND RE-ROUTE EXISTING LOADS ON THE COURTHOUSE SIDE THROUGH NEW EMERGENCY PANEL EB. CONTRACTOR TO EXTEND CONDUIT AND WIRING AND INSTALL JUNCTION BOXES FOR SPLICING CONNECTIONS AS NEEDED.
- 11 REMOVE AND DISCARD EXISTING DISCONNECT SWITCH(ES). RE-ROUTE EXISTING LOAD(S) THROUGH NEW EMERGENCY PANEL EDP. ONE DISCONNECT IS POWERED FROM PANEL DP1. REMOVE DISCONNECT SWITCH AND RETAIN FOR REINSTALLATION. RE-ROUTE LOAD FROM PANEL DP1 AND RELOCATE RETAINED DISCONNECT SWITCH. CONTRACTOR TO EXTEND CONDUIT AND WIRING AND INSTALL JUNCTION BOXES FOR SPLICING CONNECTIONS AS NECESSARY.
- 12 REMOVE AND DISCARD EXISTING GUTTER AND ALL ASSOCIATED WIRING. RE-ROUTE EXISTING WIRING AS INDICATED IN NOTES 10 AND 11.
- 13 EXISTING SERVICE METER TO REMAIN.
- 14 REMOVE AND DISCARD EXISTING ABANDONED CONDUIT AND JUNCTION BOX ON BUILDING EXTERIOR.
- 15 UTILITY COMPANY TO REMOVE AND DISCARD EXISTING ABANDONED OVERHEAD SERVICE POLE AND EXISTING POWER AND TELECOMMUNICATION CABLING. CONTRACTOR TO REMOVE AND DISCARD EXISTING ABANDONED SERVICE METER.
- 16 EXISTING A/C UNIT TO REMAIN.
- 17 INSTALL NEW TELECOMMUNICATIONS LINE FROM EXISTING OVERHEAD SERVICE POLE IN 1-1/2" CONDUIT DOWN POLE TO 24" BELOW GRADE TO BUILDING. COORDINATE WITH ARCHITECT FOR EXACT ROUTING DETAILS TO EXISTING IT CABINET ON SECOND FLOOR SHERIFF'S OFFICE.
- 18 BELOW GRADE FEEDER FOR NEW PANEL EB. REFER TO PARTIAL POWER RISER DIAGRAM FOR DETAILS. SAW CUT AND PATCH CONCRETE AND SEAL BRICK WALL AROUND CONDUIT AS REQUIRED.
- 19 REMOVE AND DISCARD EXISTING LIGHT FIXTURE AND ALL ASSOCIATED WIRING AND CONDUIT.



1 Electrical Site Plan
Scale: 1" = 20'-0"
0 10' 20' 40'
PLAN NORTH



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Sheet Name BASEMENT ELECTRICAL FLOOR PLAN

Sheet Number

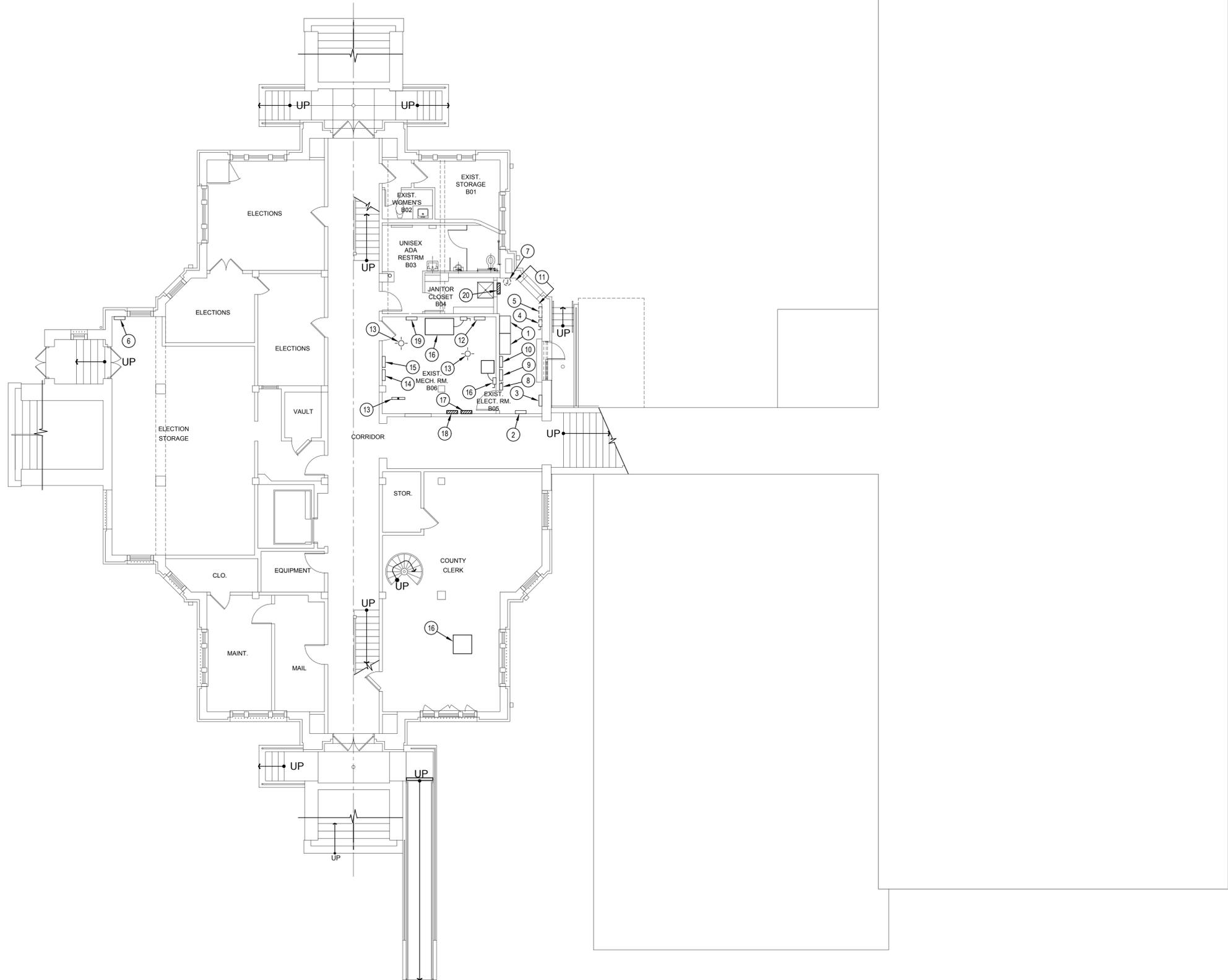
E100

GENERAL NOTES:

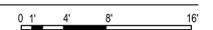
1. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
2. CONTRACTOR TO FIELD VERIFY ALL RE-ROUTED LOADS AND LABEL NEW PANEL SCHEDULE ACCORDINGLY.
3. ALL NEW ELECTRICAL WIRING AND CONDUIT IN PUBLIC OR SECONDARY SPACES SHALL BE CONCEALED BY SUSPENDED CEILINGS, FURR DOWNS, FURR OUTS OR WITHIN WALLS WITH THE EXCEPTION OF MECHANICAL AND ELECTRICAL SPACES UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT IF NOT POSSIBLE. DO NOT RUN CONDUIT/WIRING ON OUTSIDE OF BUILDING.

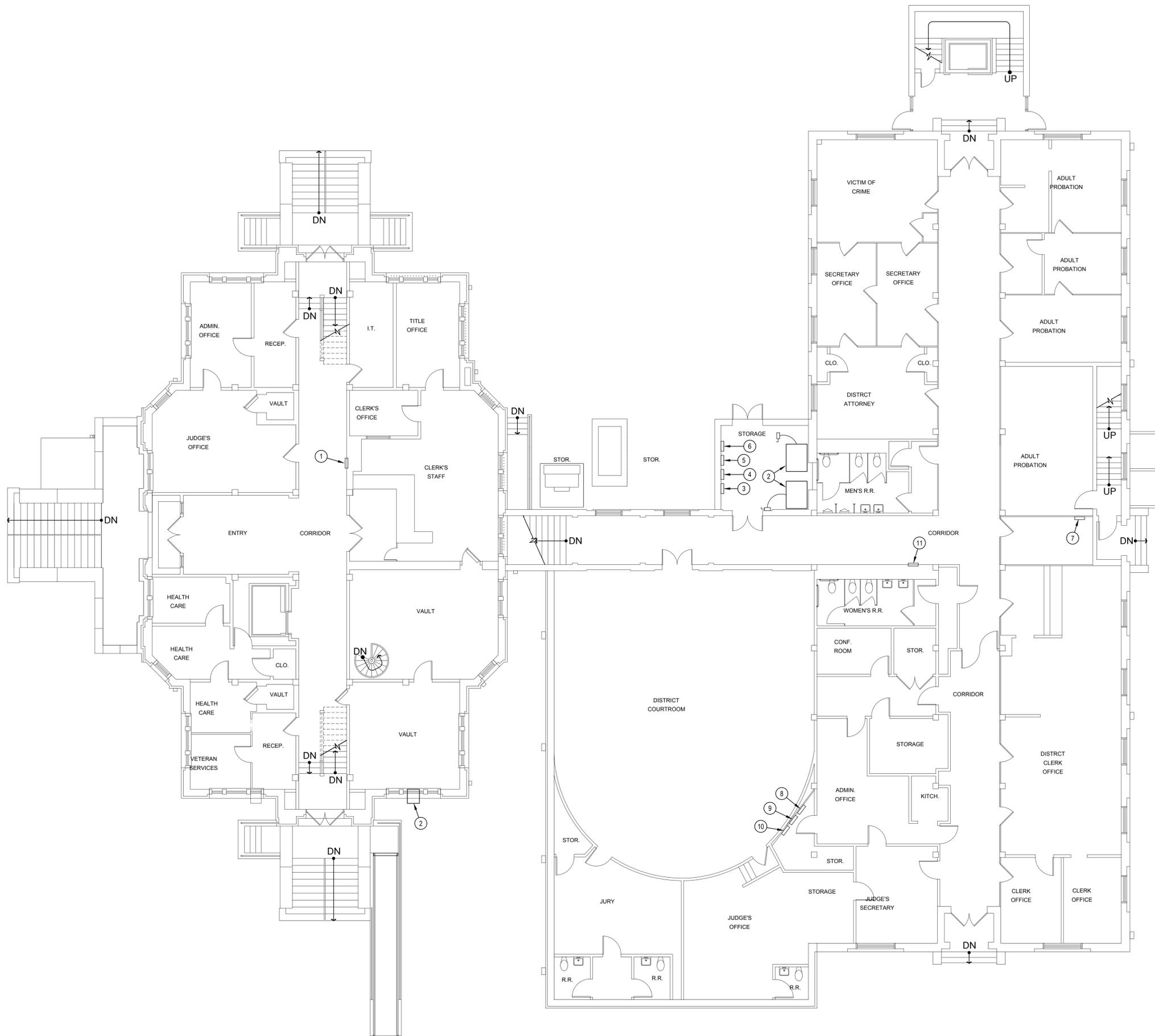
KEYED NOTES:

- 1 EXISTING MAIN SWITCHBOARD MSB TO REMAIN. CONTRACTOR TO LABEL EACH OF THE SWITCHBOARD BREAKERS WITH THE ASSOCIATED LOAD.
- 2 EXISTING EMERGENCY PANEL TO REMAIN. CONTRACTOR TO PROVIDE A NEW NAMEPLATE AND LABEL PANEL EA.
- 3 EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN.
- 4 REMOVE AND DISCARD EXISTING DISCONNECT SWITCH. REMOVE AND DISCARD EXISTING ABANDONED CONDUIT AND WIRING. EXISTING WIRING AND CONDUIT TO BE INTERCEPTED TO CONNECT EXISTING LOADS TO NEW PANEL A25. ALL EXCESS CONDUIT AND WIRING TO BE REMOVED. CONTRACTOR TO RE-ROUTE EXISTING LOADS TO NEW PANEL A25 AND FIELD VERIFY EXACT LOADS RE-ROUTED TO NEW PANEL A25.
- 5 REMOVE AND DISCARD EXISTING PANEL. REMOVE AND DISCARD EXISTING ABANDONED CONDUIT AND WIRING. EXISTING WIRING AND CONDUIT TO BE INTERCEPTED TO CONNECT EXISTING LOADS TO NEW PANEL A25. ALL EXCESS CONDUIT AND WIRING TO BE REMOVED. CONTRACTOR TO RE-ROUTE EXISTING LOADS TO NEW PANEL A25.
- 6 EXISTING ELECTION STORAGE PANEL TO REMAIN. CONTRACTOR TO PROVIDE A NEW NAMEPLATE AND LABEL PANEL D3.
- 7 REMOVE AND DISCARD EXISTING ABANDONED JUNCTION BOX AND ALL ASSOCIATED WIRING AND CONDUIT.
- 8 EXISTING DISCONNECT SWITCH FOR A/C UNIT TO REMAIN.
- 9 EXISTING PANEL DPB TO REMAIN.
- 10 EXISTING PANEL DB TO REMAIN.
- 11 REMOVE AND DISCARD EXISTING ABANDONED CONDUIT AND WIRE. PATCH BRICK WALL REFER TO ARCHITECTURAL FOR DETAILS.
- 12 EXISTING PUMP CONTROL PANEL TO REMAIN.
- 13 EXISTING LIGHT FIXTURE TO REMAIN.
- 14 EXISTING JUNCTION BOX TO REMAIN.
- 15 EXISTING MAINTENANCE PANEL TO REMAIN. CONTRACTOR TO PROVIDE A NEW NAMEPLATE AND LABEL PANEL D4.
- 16 EXISTING A/C UNIT TO REMAIN.
- 17 NEW PANEL B25. CONTRACTOR TO EXTEND CONDUIT AND WIRE AS REQUIRED TO 1ST FLOOR EXISTING FUSIBLE PANEL TO CONNECT TO EXISTING LOADS USING EXISTING FUSIBLE PANEL SIDES AS A JUNCTION BOX. REFER TO PARTIAL POWER RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS. CONTRACTOR TO FIELD VERIFY EXACT CIRCUITS AND LOADS ASSOCIATED AND UPDATE PANEL SCHEDULE WITH EXISTING LOADS. COORDINATE WITH ARCHITECT FOR EXACT ROUTING.
- 18 NEW PANEL EB. CONNECT EXISTING LOADS FROM COURTYARD PANEL IN NEW PANEL EB. CONTRACTOR TO RE-ROUTE CONDUIT AND WIRING AS NECESSARY. REFER TO PARTIAL POWER RISER DIAGRAM AND PANEL SCHEDULE FOR PANEL DETAILS. CONTRACTOR TO FIELD VERIFY EXACT CIRCUITS AND LOADS ASSOCIATED AND UPDATE PANEL SCHEDULE WITH EXISTING LOADS. COORDINATE WITH ARCHITECT FOR EXACT ROUTING.
- 19 EXISTING MECHANICAL ROOM PANEL TO REMAIN. CONTRACTOR TO PROVIDE A NEW NAMEPLATE AND LABEL PANEL D5.
- 20 NEW PANEL A25. CONTRACTOR TO EXTEND/RE-ROUTE CONDUIT AND WIRE AS REQUIRED TO TO RECONNECT EXISTING LOADS FROM REMOVED DISCONNECT SWITCH AND PANEL. REFER TO KEYED NOTES 4 AND 5 FOR DETAILS. CONTRACTOR TO FIELD VERIFY EXACT CIRCUITS AND LOADS ASSOCIATED AND UPDATE PANEL SCHEDULE WITH EXISTING LOADS.



1 Basement Floor Plan
Scale: 1/8" = 1'-0"





GENERAL NOTES:

- CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
- ALL NEW ELECTRICAL WIRING AND CONDUIT IN PUBLIC OR SECONDARY SPACES SHALL BE CONCEALED BY SUSPENDED CEILINGS, FURR DOWNS, FURR OUTS OR WITHIN WALLS WITH THE EXCEPTION OF MECHANICAL AND ELECTRICAL SPACES UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT IF NOT POSSIBLE.

KEYED NOTES:

- DISCONNECT EXISTING FUSIBLE PANEL FROM EXISTING POWER SUPPLY. CONTRACTOR TO FIELD VERIFY PANEL FEEDER (EXPECTED TO BE MAINTENANCE PANEL D4). CONTRACTOR TO VERIFY EXISTING LOADS FOR RE-ROUTING TO NEW PANEL B25. EXISTING SPACE AROUND PANEL SIDES TO BE USED FOR SPLICING EXISTING LOAD BRANCH CIRCUITS. COORDINATE WITH ARCHITECT FOR EXACT ROUTING.
- EXISTING A/C UNIT TO REMAIN.
- EXISTING EMERGENCY PANEL EDP TO REMAIN. CONNECT EXISTING PANEL EDP INTO AUTOMATIC TRANSFER SWITCH USING EXISTING WIRING AND CONDUIT. REFER TO PARTIAL POWER RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS.
- EXISTING PANEL D1 TO REMAIN.
- EXISTING PANEL D2 TO REMAIN.
- EXISTING PANEL DP1 TO REMAIN.
- EXISTING EMERGENCY PANEL TO REMAIN. CONTRACTOR TO PROVIDE A NEW NAMEPLATE AND LABEL PANEL E4. REFER TO SITE PLAN AND PARTIAL POWER RISER DIAGRAM FOR DETAILS.
- EXISTING EMERGENCY PANEL E3 TO REMAIN.
- EXISTING PANEL L1 TO REMAIN.
- EXISTING PANEL L3 TO REMAIN.
- EXISTING PANEL IN HALLWAY TO REMAIN. CONTRACTOR TO PROVIDE A NEW NAMEPLATE AND LABEL PANEL D6. CONTRACTOR TO DETERMINE THE FEEDER SOURCE FOR THE PANEL (BELIEVED TO BE PANEL D1) AND TO LABEL THE ASSOCIATED BREAKER ACCORDINGLY.



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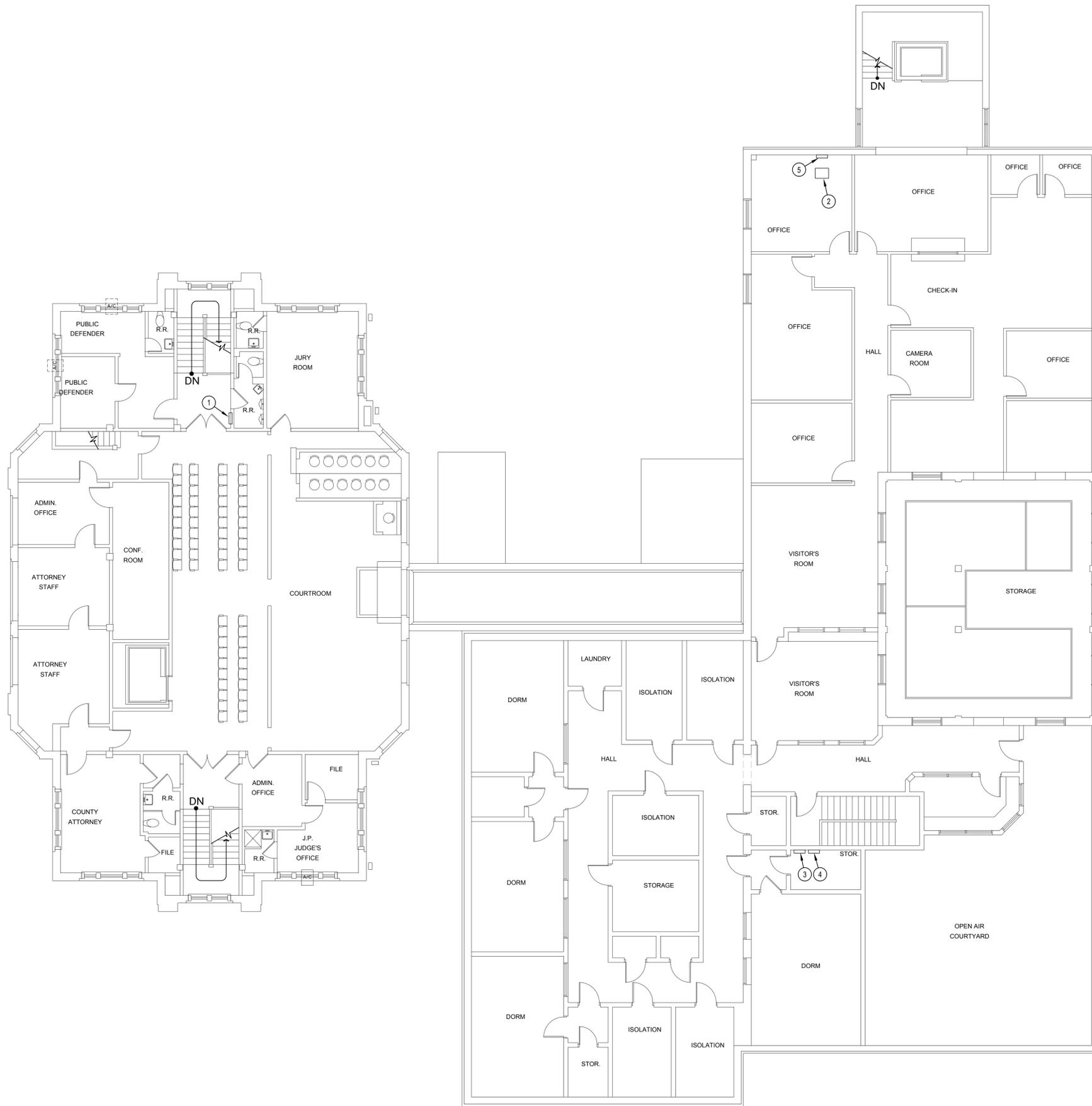
Sheet Name
FIRST FLOOR ELECTRICAL FLOOR PLAN

Sheet Number

E101

1 First Floor Plan
Scale: 1/8" = 1'-0"
0' 1' 4' 8' 16'





GENERAL NOTES:

1. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
2. ALL NEW ELECTRICAL WIRING AND CONDUIT IN PUBLIC OR SECONDARY SPACES SHALL BE CONCEALED BY SUSPENDED CEILINGS, FURR DOWNS, FURR OUTS OR WITHIN WALLS WITH THE EXCEPTION OF MECHANICAL AND ELECTRICAL SPACES UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT IF NOT POSSIBLE.

KEYED NOTES:

1. DISCONNECT EXISTING FUSIBLE PANEL FROM EXISTING POWER SUPPLY. CONTRACTOR TO FIELD VERIFY PANEL FEEDER (EXPECTED TO BE MAINTENANCE PANEL D4). CONTRACTOR TO VERIFY EXISTING LOADS FOR RE-ROUTING TO NEW PANEL C25. EXISTING SPACE AROUND PANEL SIDES TO BE USED FOR SPLICING EXISTING LOAD BRANCH CIRCUITS. COORDINATE WITH ARCHITECT FOR EXACT ROUTING.
2. EXISTING IT CABINET TO REMAIN. REMOVE AND DISCARD EXISTING TELECOMMUNICATION CABLE THAT EXTENDS TO COURTYARD UTILITY POLE. CONNECT NEW TELECOMMUNICATION CABLE TO EXISTING IT CABINET. REFER TO SITE PLAN FOR DETAILS.
3. EXISTING EMERGENCY PANEL E1 TO REMAIN. REFER TO PARTIAL POWER RISER DIAGRAM FOR DETAILS.
4. EXISTING EMERGENCY PANEL E2 TO REMAIN.
5. EXISTING EMERGENCY PANEL TO REMAIN. CONTRACTOR TO PROVIDE A NAMEPLATE AND LABEL PANEL E5.

1 Second Floor Plan
 Scale: 1/8" = 1'-0"
 0 1' 4' 8' 16'
 PLAN NORTH



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Sheet Name SECOND FLOOR ELECTRICAL FLOOR PLAN

Sheet Number

E102



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Sheet Name
THIRD FLOOR ELECTRICAL
FLOOR PLAN

Sheet Number

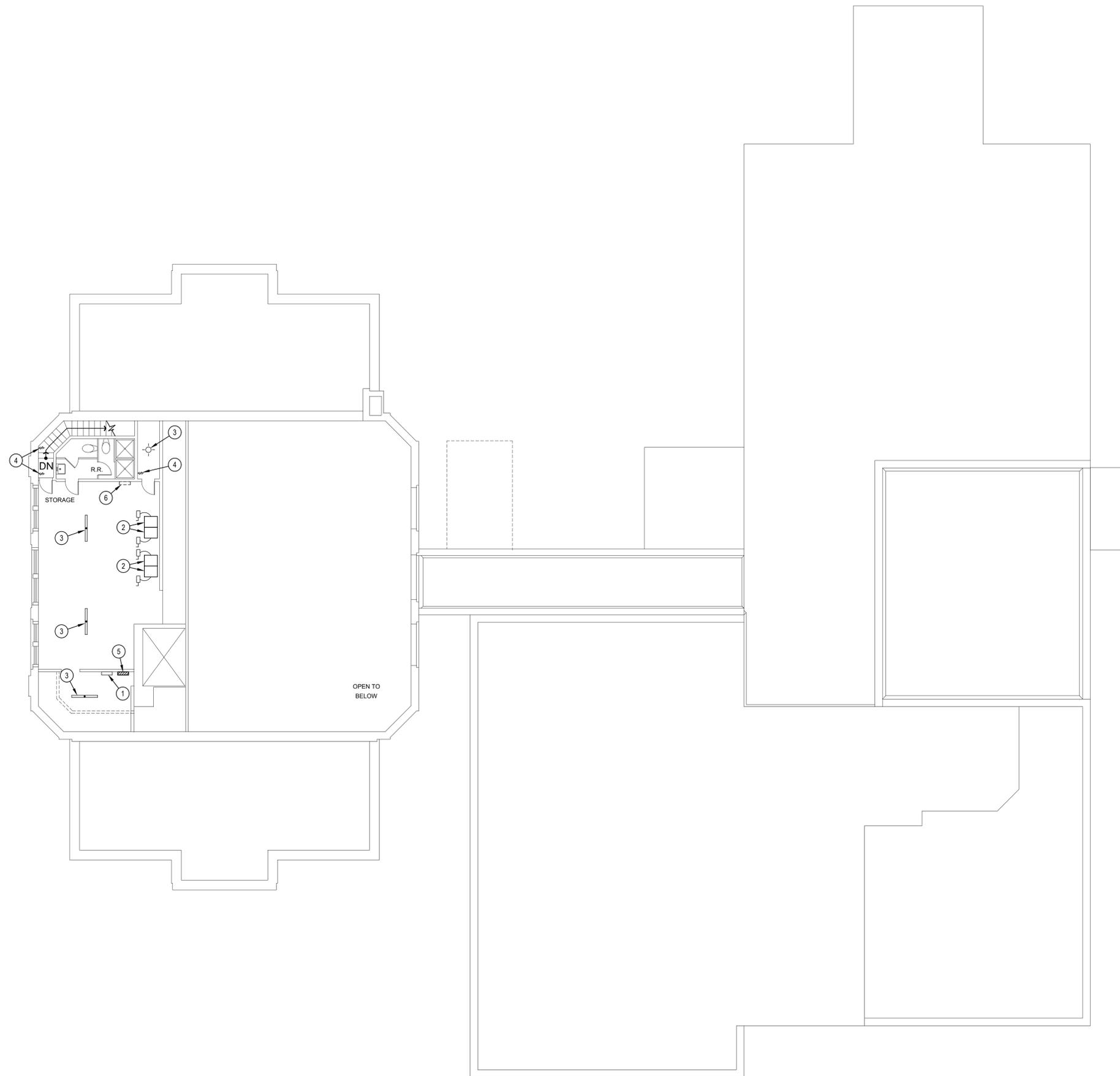
E103

GENERAL NOTES:

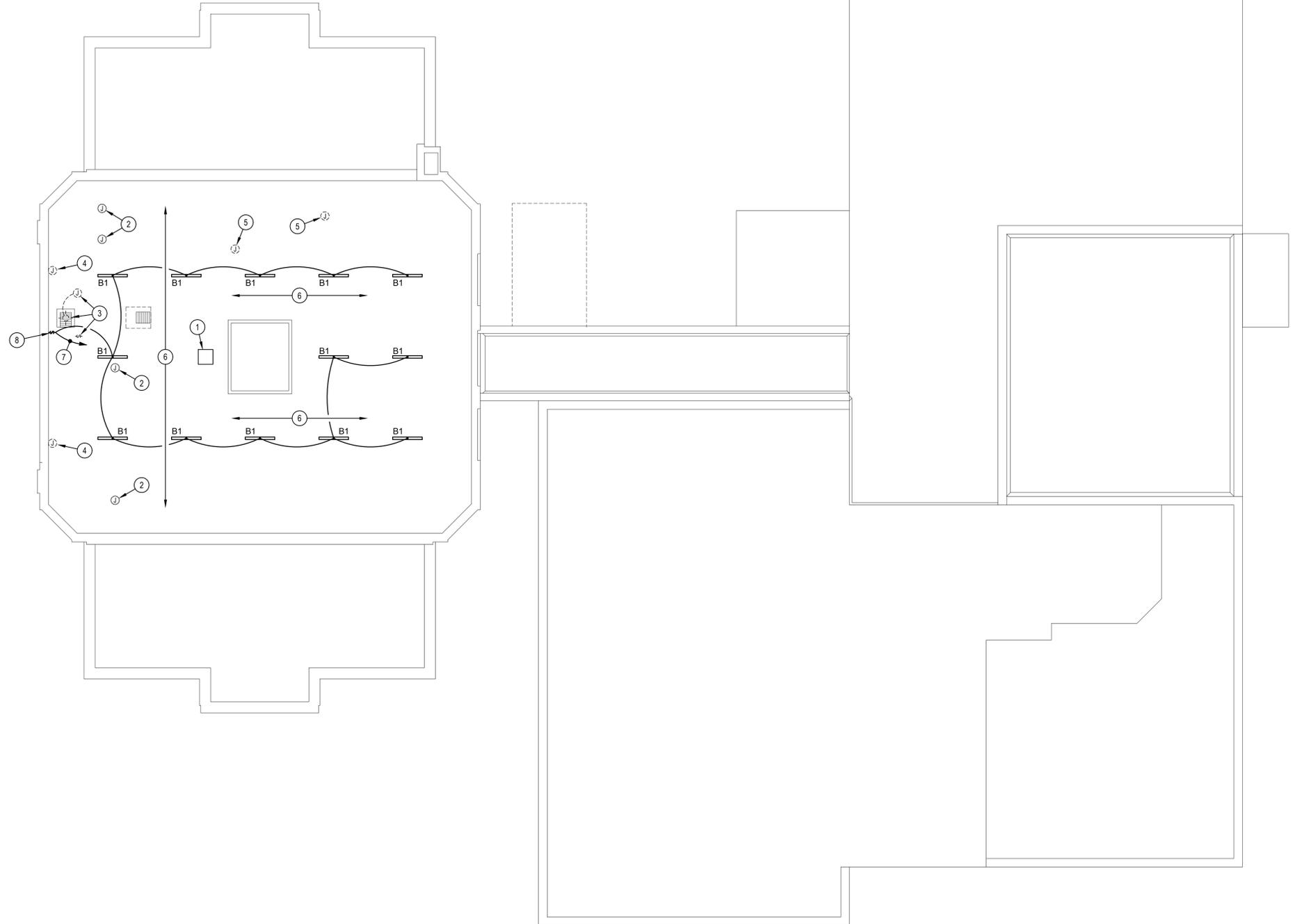
1. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
2. CONTRACTOR TO FIELD VERIFY ALL RE-ROUTED LOADS AND LABEL NEW PANEL SCHEDULE ACCORDINGLY.
3. ALL NEW ELECTRICAL WIRING AND CONDUIT IN PUBLIC OR SECONDARY SPACES SHALL BE CONCEALED BY SUSPENDED CEILINGS, FURR DOWNS, FURR OUTS OR WITHIN WALLS WITH THE EXCEPTION OF MECHANICAL AND ELECTRICAL SPACES UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT IF NOT POSSIBLE.

KEYED NOTES:

1. EXISTING PANEL DP3 TO REMAIN.
2. EXISTING A/C UNITS TO REMAIN.
3. EXISTING LIGHT FIXTURES TO REMAIN.
4. EXISTING SWITCH TO REMAIN.
5. NEW PANEL C25. CONTRACTOR TO EXTEND CONDUIT AND WIRE AS NECESSARY TO SECOND FLOOR EXISTING FUSIBLE PANEL TO CONNECT TO EXISTING LOADS USING EXISTING FUSIBLE PANEL SIDES AS A JUNCTION BOX. REFER TO PARTIAL POWER RISER DIAGRAM AND PANEL SCHEDULE FOR DETAILS. CONTRACTOR TO FIELD VERIFY EXACT CIRCUITS AND LOADS ASSOCIATED AND UPDATE PANEL SCHEDULE WITH EXISTING LOADS. COORDINATE WITH ARCHITECT FOR EXACT ROUTING.
6. EXISTING PANEL TO BE REMOVED. CONTRACTOR TO EXTEND CONDUIT AND WIRE AS REQUIRED TO RE-ROUTE EXISTING PANEL LOADS TO NEW PANEL C25. ALL CONDUIT AND WIRING TO BE ROUTED THROUGH ATTIC.



1 Third Floor Plan
Scale: 1/8" = 1'-0"
0' 1' 4' 8' 16'
PLAN NORTH



GENERAL NOTES:

1. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
2. CONTRACTOR TO REMOVE AND DISCARD ANY EXISTING ABANDONED WIRING AND CONDUIT.

KEYED NOTES:

1. EXISTING ROOF PENETRATION. REMOVE AND DISCARD EXISTING ABANDONED CONDUIT AND WIRING. PATCH EXISTING ROOF PENETRATION.
2. EXISTING JUNCTION BOX FOR THIRD FLOOR LIGHTING TO REMAIN. EXISTING ABANDONED CONDUIT AND WIRING TO BE REMOVED.
3. REMOVE AND DISCARD EXISTING LIGHT FIXTURE, JUNCTION BOX AND SWITCH. REMOVE AND DISCARD EXISTING CONDUIT AND WIRING TO WALL AND INSTALL NEW JUNCTION BOX ON WALL FOR LIGHTING INSTALLATION.
4. CONTRACTOR TO FIELD VERIFY IF EXISTING JUNCTION BOX AND WIRING ARE ABANDONED. REMOVE AND DISCARD EXISTING JUNCTION BOX AND WIRING IF THEY ARE ABANDONED.
5. CONTRACTOR TO FIELD VERIFY EXISTING CIRCUITS IN EXISTING JUNCTION BOX. CONTRACTOR TO REMOVE AND DISCARD EXISTING ABANDONED CIRCUITS THEN DISCONNECT EXISTING CIRCUITS IN EXISTING JUNCTION BOX, REMOVE AND DISCARD EXISTING JUNCTION BOX, AND INSTALL NEW JUNCTION BOX(ES) AND CONDUIT FOR EXISTING CIRCUITS.
6. CONTRACTOR TO FIELD VERIFY EXISTING CIRCUITS AND CONDUIT, AND REMOVE AND DISCARD EXISTING ABANDONED WIRING AND CONDUIT.
7. CONNECT TO EXISTING 120V LIGHTING CIRCUIT IN THE AREA.
8. INSTALL NEW SWITCH SURFACE MOUNTED ON BRICK WALL.



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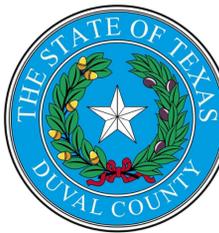
Architexas No. 2433 Date 06/19/2025

Sheet Name ATTIC ELECTRICAL FLOOR PLAN

Sheet Number

E104

1 Attic Floor Plan
Scale: 1/8" = 1'-0"
0' 1' 4' 8' 16'
PLAN NORTH



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Sheet Name
ROOF ELECTRICAL
FLOOR PLAN

Sheet Number

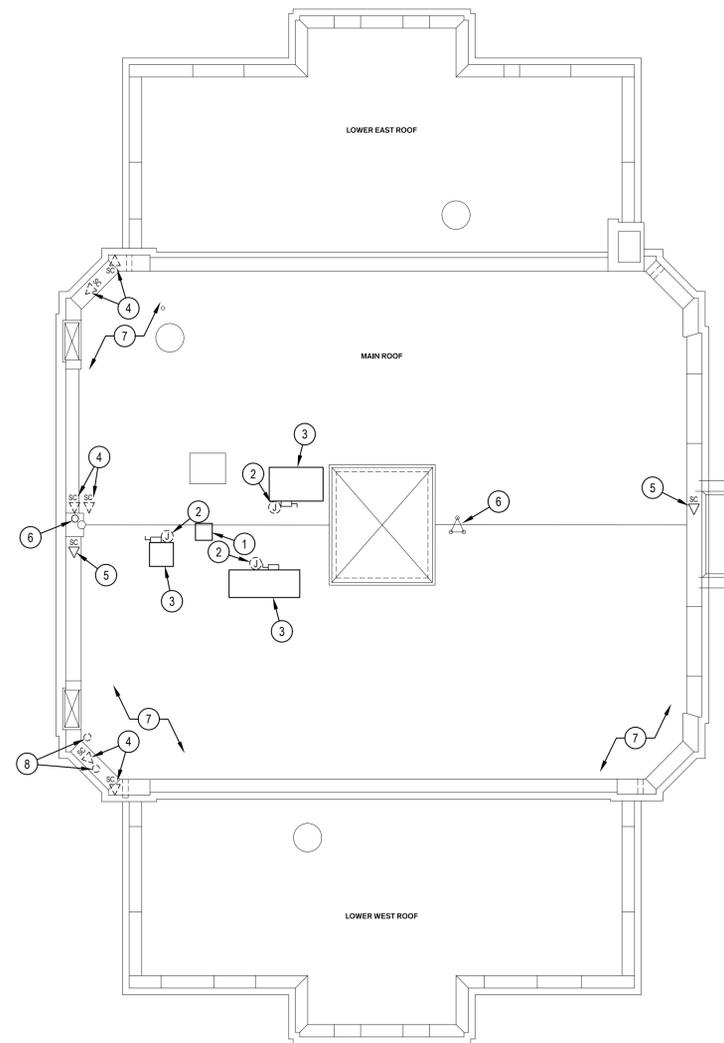
E105

GENERAL NOTES:

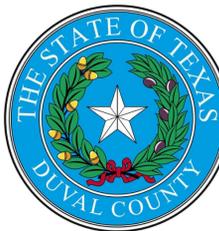
1. CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
2. CONTRACTOR TO REMOVE AND DISCARD ANY EXISTING ABANDONED WIRING AND CONDUIT.

KEYED NOTES:

1. EXISTING ROOF PENETRATION, REMOVE AND DISCARD EXISTING ABANDONED CONDUIT AND WIRING. PATCH EXISTING ROOF PENETRATION.
2. REMOVE AND DISCARD EXISTING ABANDONED JUNCTION BOX AND ALL ASSOCIATED CONDUIT AND WIRING.
3. EXISTING A/C UNIT TO REMAIN.
4. REMOVE EXISTING CAMERA PRIOR TO ROOF WORK AND RETAIN FOR REINSTALLATION. EXISTING WIRING TO REMAIN FOR REINSTALLATION. REINSTALL RETAINED CAMERA AFTER ROOF WORK IS COMPLETE. REFER TO ARCHITECTURAL FOR DETAILS.
5. EXISTING CAMERA TO REMAIN.
6. EXISTING ANTENNA TO REMAIN.
7. REMOVE EXISTING LIGHTNING PROTECTION PRIOR TO ROOF WORK AND RETAIN FOR REINSTALLATION. REINSTALL RETAINED LIGHTNING PROTECTION SYSTEM AFTER ROOF WORK IS COMPLETE. REFER TO ARCHITECTURAL FOR DETAILS.
8. REMOVE EXISTING ANTENNA PRIOR TO ROOF WORK AND RETAIN FOR REINSTALLATION. EXISTING WIRING TO REMAIN FOR REINSTALLATION. REINSTALL RETAINED ANTENNA AFTER ROOF WORK IS COMPLETE. COORDINATE WITH OWNER FOR EXACT ANTENNA DIRECTIONS REQUIRED. REFER TO ARCHITECTURAL FOR DETAILS.



1 Roof Floor Plan
Scale: 1/8" = 1'-0"
0 1' 4' 8' 16'
PLAN NORTH



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Sheet Name ENLARGED BASEMENT ELECTRICAL FLOOR PLANS

Sheet Number E106

GENERAL NOTES:

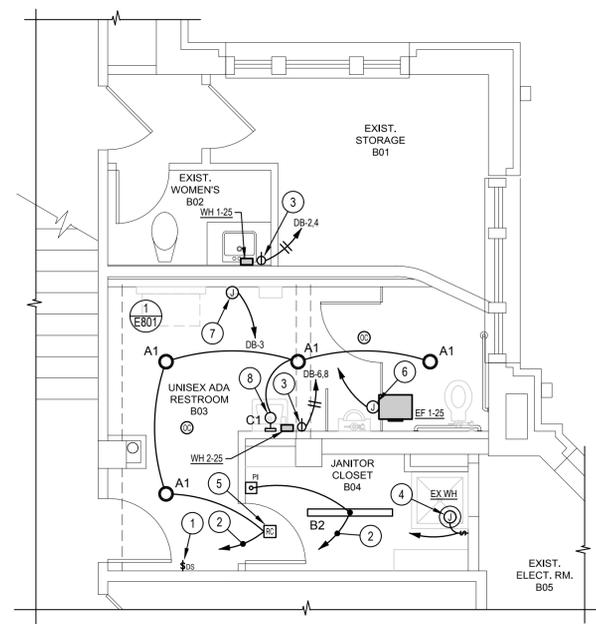
- CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, ETC. DEVICES/EQUIPMENT MAY NOT REPRESENT ALL DEVICES/EQUIPMENT, AND CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING/RELOCATING DEVICES/EQUIPMENT NOT SHOWN AS REQUIRED FOR DEMOLITION.
- REFER TO DIGITAL OCCUPANCY SENSOR DIAGRAM AS REFERENCED.
- ALL NEW ELECTRICAL WIRING AND CONDUIT IN PUBLIC OR SECONDARY SPACES SHALL BE CONCEALED BY SUSPENDED CEILINGS, FURR DOWNS, FURR OUTS OR WITHIN WALLS WITH THE EXCEPTION OF MECHANICAL AND ELECTRICAL SPACES UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECT IF NOT POSSIBLE.

DEMOLITION KEYED NOTES:

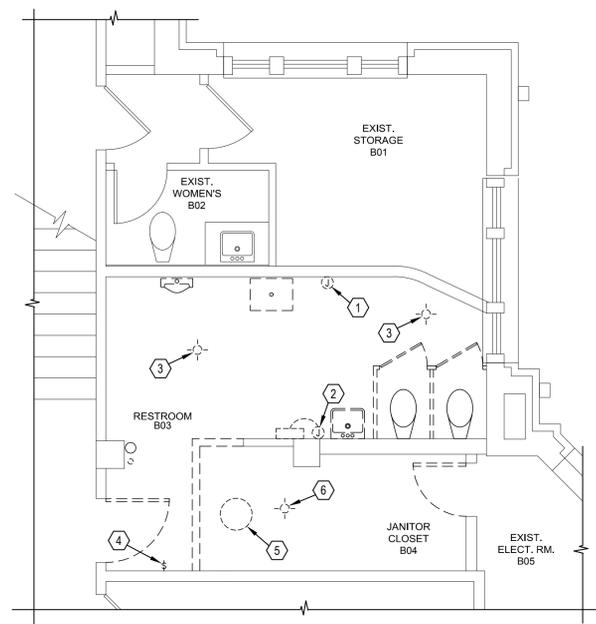
- REMOVE AND DISCARD EXISTING ABANDONED JUNCTION BOX AND ALL ASSOCIATED WIRING.
- REMOVE AND DISCARD EXISTING JUNCTION BOX, HAND DRYER AND ALL ASSOCIATED WIRE.
- REMOVE AND DISCARD EXISTING LIGHT FIXTURE, EXISTING CONDUIT AND WIRE TO REMAIN FOR REINSTALLATION.
- REMOVE AND DISCARD EXISTING SWITCH AND ALL ASSOCIATED WIRING. EXISTING JUNCTION BOX AND CONDUIT TO REMAIN FOR REINSTALLATION.
- DISCONNECT EXISTING POWER CONNECTION TO EXISTING WATER HEATER. REMOVE AND DISCARD EXISTING WIRING AND CONDUIT. CONTRACTOR TO FIELD VERIFY EXACT CIRCUIT.
- REMOVE AND DISCARD EXISTING LIGHT FIXTURE AND ALL ASSOCIATED WIRING.

KEYED NOTES:

- INSTALL NEW SWITCH IN EXISTING JUNCTION BOX.
- CONNECT TO EXISTING 120V LIGHTING CIRCUIT IN THE AREA EXTEND CONDUIT AND WIRING AS NECESSARY. CONTRACTOR TO FIELD VERIFY EXACT CIRCUIT.
- INSTALL A NEMA 6-20R RECEPTACLE UNDER FIXTURE FOR INSTANTANEOUS HOT WATER HEATER. REFER TO MECHANICAL EQUIPMENT CONNECTION CHART FOR DETAILS.
- CONTRACTOR TO RECONNECT RETAINED WATER HEATER TO EXISTING CIRCUIT. CONTRACTOR TO EXTEND NEW WIRING AND CONDUIT TO CONNECT TO WATER HEATER. REFER TO MECHANICAL EQUIPMENT CONNECTION CHART FOR DETAILS.
- INSTALL NEW ROOM CONTROLLER IN OPEN CEILING SPACE. CONTRACTOR TO COORDINATE EXACT LOCATION WITH THE OWNER.
- NEW EXHAUST FAN. CONNECT TO EXISTING RESTROOM LIGHTING CIRCUIT SUCH THAT FAN TURNS ON WITH RESTROOM LIGHTING. REFER TO MECHANICAL EQUIPMENT CONNECTION CHART FOR DETAILS.
- CONNECT TO NEW HAND DRYER. HOMERUN 2-12, 1-12G, 1/2"C TO EXISTING SPARE 20/1 C/B IN EXISTING PANEL DB.
- MOUNT NEW WALL FIXTURE ABOVE MIRROR.



2 Enlarged Restroom Floor Plan
Scale: 1/4" = 1'-0"
PLAN NORTH



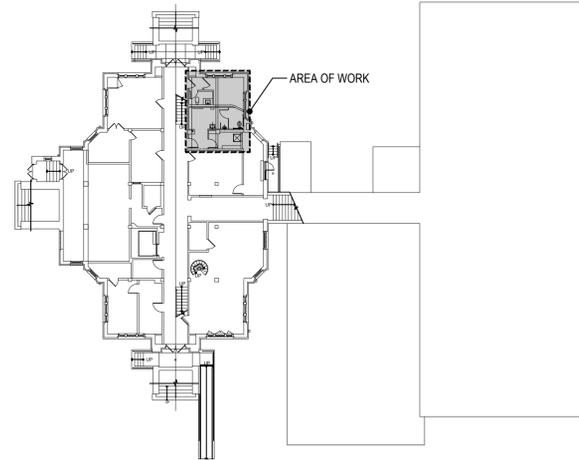
1 Enlarged Restroom Demolition Plan
Scale: 1/4" = 1'-0"
PLAN NORTH

MECHANICAL EQUIPMENT CONNECTION CHART									
WATER HEATER SCHEDULE									
DESIG.	KW	VOLT	PH	FLA	MCA	UNIT DISCONNECT	UNIT C/B	UNIT BRANCH CKT.	NOTES:
EX WH	1.5	120	1	12.5	15.6	120VAC 20A SPST Toggle Switch	20/1	2-12, 1-12G, 1/2"C.	1, 2, 3
WH 1-25	3.0	208	1	14.4	18.0	Cord & Plug	20/1	2-12, 1-12G, 1/2"C.	4
WH 2-25	3.0	208	1	14.4	18.0	Cord & Plug	20/1	2-12, 1-12G, 1/2"C.	4
WATER HEATER SCHEDULE									
DESIG.	WATTS	VOLT	PH	FLA	MCA	UNIT DISCONNECT	UNIT C/B	UNIT BRANCH CKT.	NOTES:
EF 1-25	28	120	1	1.2	1.5	Factory Furnished	20/1	2-12, 1-12G, 1/2"C.	1

NOTES:

- FINAL CONNECTION AT UNIT WITH LIQUID-TIGHT FLEXIBLE METAL CONDUIT.
- MOUNT TOGGLE SWITCH ON WALL AT STANDARD SWITCH HEIGHT.
- PROVIDE ENGRAVED LABEL NOTING SWITCH OPERATION.
- PROVIDE AN SOOW 3-12 CORD WITH A NEMA 6-20 PLUG AND INSTALL ON ELECTRIC WATER HEATER.

ALTERNATE NO. 2
REHABILITATE MEN'S RESTROOM AT BASEMENT LEVEL TO ADA COMPLIANT UNISEX RESTROOM, REFER TO SPEC. SECT. 01230-ALTERNATES



3 Basement Keyplan
No Scale
PLAN NORTH



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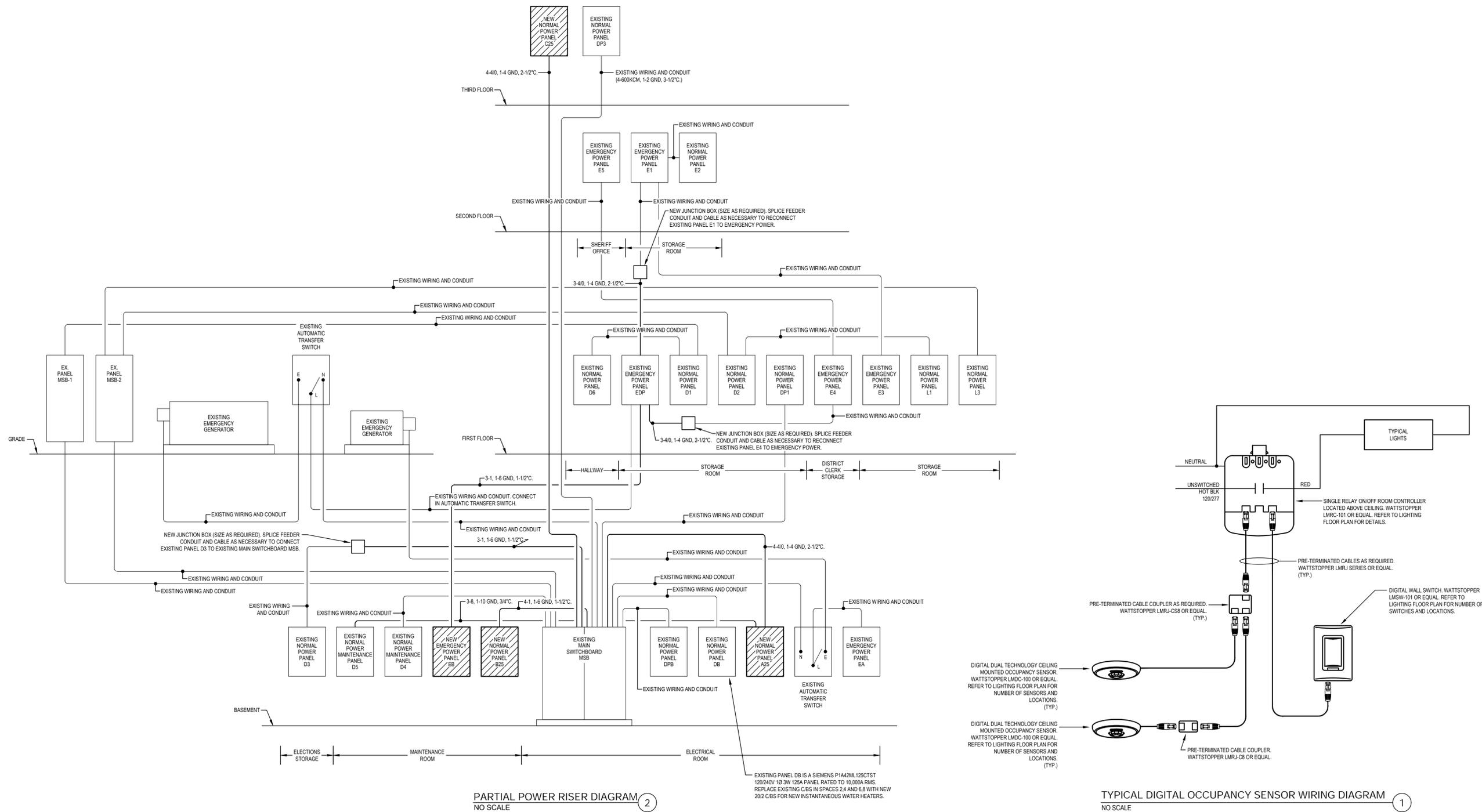
June 19, 2025

Architexas No. 2433 Date 06/19/2025

Sheet Name ELECTRICAL DETAILS

Sheet Number

E801



INTERIOR LIGHT FIXTURE SCHEDULE

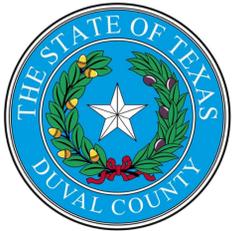
MARK	DESCRIPTION	HOUSING	BALLAST	VOLTAGE	LENS/NOTES	LAMP(S)	APPROVED MANUFACTURERS
A1	6" ROUND 14.7W LED RECESSED DOWNLIGHT.	7" NOMINAL HEIGHT, 6" NOMINAL DIAMETER, ALUMINUM REFLECTOR CONE, UPPER OPTICAL CHAMBER, SELF-FLANGED, UNIVERSAL MOUNTING BRACKET, INTEGRATED JUNCTION BOX, EXTRUDED HEAT SINK.	UNIVERSAL VOLTAGE (120V-277V) ELECTRONIC LED DRIVER.	120V	WIDE DISTRIBUTION.	1500 LUMEN, 14.7W, 3,000K LED (PROVIDED WITH FIXTURE).	GOHAM EV/06, PRESCOLITE LTR-6RD, PORTFOLIO LD6C OR WILLIAMS 6GR, OR PRE-APPROVED EQUAL.
B1	4 FT. LENSED LED STRIPLIGHT.	3" NOMINAL WIDTH, 3" NOMINAL HEIGHT, STEEL HOUSING PAINTED AFTER FABRICATION, PROVIDE WITH CHAIN HANGING SET.	UNIVERSAL VOLTAGE (120V-277V) ELECTRONIC LED DRIVER.	120V	LENSED CLEAR OPTICAL SYSTEM.	1,880 LUMEN, 13W, 3,000K LED ARRAY (PROVIDED WITH FIXTURE).	METALUX 4SNLED, LITHONIA ZL1D, COLUMBIA LCL OR WILLIAMS 7SR, OR PRE-APPROVED EQUAL.
B2	4 FT. LENSED LED STRIPLIGHT.	3" NOMINAL WIDTH, 3" NOMINAL HEIGHT, STEEL HOUSING PAINTED AFTER FABRICATION, PROVIDE WITH CHAIN HANGING SET.	UNIVERSAL VOLTAGE (120V-277V) ELECTRONIC LED DRIVER.	120V	LENSED CLEAR OPTICAL SYSTEM.	3,077 LUMEN, 21W, 3,000K LED ARRAY (PROVIDED WITH FIXTURE).	METALUX 4SNLED, LITHONIA ZL1D, COLUMBIA LCL OR WILLIAMS 7SR, OR PRE-APPROVED EQUAL.
C1	DECORATIVE WALL SCONCE FIXTURE	SOLID BRASS PARTS, COMPATIBLE WITH 2-1/4" FITTER SHADES, POLISHED CHROME FINISH, PROVIDE WITH A REJUVENATION 2-1/4" FITTER DOME SHADE.	120V ELECTRONIC LED DRIVER.	120V		ONE PHILIPS 8.5A 19/LED827 ND 120V 800 LUMEN, 8.5W, 2,700K LED LAMP	REJUVENATION ROSE CITY 2-1/4" FITTER SCONCE PROVIDE WITH REJUVENATION 2-1/4" FITTER DOME SHADE NO SUBSTITUTIONS PERMITTED.

GENERAL NOTES:

- ELECTRONIC DRIVERS:
 - REFER TO THE FIXTURE DESCRIPTION FOR DRIVER VOLTAGE.
- FIXTURES:
 - WHERE A "FIXTURE SERIES" IS LISTED, ALL LISTED MANUFACTURER'S SERIES ARE PRE-APPROVED PROVIDED THE ACTUAL PRODUCTS MEET THE DESCRIPTION. ALL OTHERS REQUIRE PRE-APPROVAL. WHERE ONLY ONE OR TWO SPECIFIC FIXTURES ARE LISTED, ALL OTHER MANUFACTURER'S PRODUCT SUBSTITUTIONS REQUIRE PRE-APPROVAL.
 - FIXTURE CATALOG NUMBERS FOR "FIXTURE SERIES" ARE NOT COMPLETE AND ARE INTENDED ONLY TO INDICATE THE GENERAL FIXTURE SERIES TO BE PROVIDED. PROVIDE COMPLETE CATALOG NUMBERS UPON SUBMITTAL TO MATCH ALL FIXTURE REQUIREMENTS DESCRIBED.



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Texas Registered Engineering Firm F-583



DUVAL COUNTY COURTHOUSE

ROOF REMEDIATION, EXTERIOR WINDOWS, & ELECTRICAL

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REVISION HISTORY

1. Issued for Bid June 19, 2025

SEAL



June 19, 2025

Architexas No. 2433 Date 06/19/2025

Sheet Name PANEL SCHEDULES

Sheet Number

E802

Existing Main Switchboard MSB									
Siemens SB3									
Voltage: 208Y/120V 3 phase 4 wire									
Sections are numbered left-to-right facing switchboard front.									
NEMA 1 enclosure									
Service entrance rated									
100KAIC integrated equipment rating; 100KAIC on all breakers (no series ratings).									
New C/B denoted by 'N'.									
Existing C/B denoted by 'E'.									
Section #1:									
No.	C/B	Frame	Trip	Trip	Load	Phase A	Phase B	Phase C	Notes
1	3000/3	Insulated Case	3000AT	Elec./LSI	Main Circuit Breaker	N/A	N/A	N/A	
Section #2:									
No.	C/B	Frame	Trip	Trip	Load	Phase A	Phase B	Phase C	Notes
1	125/3N	Molded Case	125AT	Therm-Mag	Panel B25	0.0	0.0	0.0	
2	100/2	Molded Case	100AT	Therm-Mag	Space Only	-	-	-	
3	125/2E	Molded Case	125AT	Therm-Mag	Panel D3	0.0	0.0	0.0	
4	125/2	Molded Case	125AT	Therm-Mag	Panel DB	28.8	23.5	14.4	
5	100/2	Molded Case	100AT	Therm-Mag	Space Only	0.0	0.0	0.0	
6	100/2	Molded Case	100AT	Therm-Mag	Space Only	0.0	0.0	0.0	
7	225/3E	Molded Case	225AT	Therm-Mag	Panel C25	0.0	0.0	0.0	
8	-	-	-	-	Space Only	-	-	-	
9	200/3	Molded Case	225AT	Therm-Mag	Panel D4	0.0	0.0	0.0	
10	225/3E	Molded Case	225AT	Therm-Mag	Panel A25	0.0	0.0	0.0	
11	400/3	Molded Case	400AT	Therm-Mag	Panel DPB	0.0	0.0	0.0	
12	400/3	Molded Case	400AT	Therm-Mag	Panel EDP	0.0	0.0	0.0	
13	400/3	Molded Case	400AT	Therm-Mag	Panel DP3	0.0	0.0	0.0	
14	400/3	Molded Case	400AT	Therm-Mag	Panel DP1	0.0	0.0	0.0	
15	600/3	Molded Case	600AT	Therm-Mag	MSB-2	0.0	0.0	0.0	
16	600/3	Molded Case	600AT	Therm-Mag	MSB-1	0.0	0.0	0.0	
Total Connect. A/PH:						28.8	23.5	14.4	
Total Connect. KVA:						18.5			

NOTE: CHANGES TO EXISTING PANELS SHOWN IN BOLD. EXISTING LOADS TO REMAIN ARE SHOWN IN REGULAR FONT.

EXISTING PANEL EDP SCHEDULE									
Typical Series:		Siemens P2		AIC: 10,000A RMS Symmetrical					
Voltage Rating:		120/240V 1 phase 3 wire		Notes:		Existing C/Bs denoted by 'E'			
Enclosure and mounting:		NEMA 1 surface		New C/Bs denoted by 'N'					
Main lug ampacity:		400A		All single c/b's rated for SWD					
Location:		1st Floor Storage		Top fed panelboard					
NO	LOAD	C/B Trip	PHASE A LOAD	PHASE B LOAD	PHASE C LOAD	C/B Trip	LOAD	NO	
1	Existing Panel E4	200/2N	0	0	0	0	Space Only	2	
3	"	"	0	0	0	0	Space Only	4	
5	Space Only	-	0	0	0	0	Space Only	6	
7	Existing Panel E1	225/2E	0	0	0	0	Space Only	8	
9	"	"	0	0	0	0	Space Only	10	
11	Existing Equipment	30/2E	0	0	0	0	Space Only	12	
13	"	"	0	0	0	0	Space Only	14	
15	Space Only	-	0	0	0	0	Space Only	16	
17	Space Only	-	0	0	0	0	Space Only	18	
19	Space Only	-	0	0	0	0	Space Only	20	
21	Space Only	-	0	0	0	0	Space Only	22	
23	Spare	20/1	0	0	0	0	Space Only	24	
25	Spare	20/1	0	0	0	0	Space Only	26	
27	Spare	20/1	0	0	0	0	Space Only	28	
29	Spare	20/1	0	0	0	0	Space Only	30	
31	Spare	20/1	0	0	0	0	Space Only	32	
33	Spare	20/1	0	0	0	0	Space Only	34	
35	Spare	20/1	0	0	0	0	Space Only	36	
37	Spare	20/1	0	0	0	0	Space Only	38	
39	Spare	20/1	0	0	0	0	Space Only	40	
41	Spare	20/1	0	0	0	0	Space Only	42	
43	Spare	20/1	0	0	0	0	Space Only	44	
45	Spare	20/1	0	0	0	0	Space Only	46	
47	Spare	20/1	0	0	0	0	Space Only	48	
49	Spare	20/1	0	0	0	0	Space Only	50	
51	Spare	20/1	0	0	0	0	Space Only	52	
53	Space Only	-	0	0	0	0	Space Only	54	
55	Spare	20/1	0	0	0	0	Space Only	56	
57	Spare	20/1	0	0	0	0	Space Only	58	
Total VA load/phase:						0	0	0	
Amps/phase:						0.0	0.0	0.0	
Total VA Load:						0			
Average amps/phase:						0.0			

NOTE: CHANGES TO EXISTING PANELS SHOWN IN BOLD. EXISTING LOADS TO REMAIN ARE SHOWN IN REGULAR FONT.

NEW PANEL A25 SCHEDULE									
Typical Series:		Square D NQ		AIC: 10,000A RMS Symmetrical					
Voltage Rating:		208Y/120V 3 Phase 4 Wire		Notes:		Copper bus, copper ground bar			
Enclosure and mounting:		NEMA 1 surface		Door-in-door construction					
Main lug ampacity:		225A		All single c/b's rated for SWD					
Location:		Electrical Room		Top fed panelboard					
NO	LOAD	C/B Trip	PHASE A LOAD	PHASE B LOAD	PHASE C LOAD	C/B Trip	LOAD	NO	
1	Existing Equipment	20/1	0	0	0	125/2	Existing Equipment	2	
3	Existing Equipment	20/1	0	0	0	0	Existing Equipment	4	
5	Existing Panel D5	50/2	0	0	0	50/2	Existing A/C Unit	6	
7	"	"	0	0	0	0	Space Only	8	
9	Spare	20/1	0	0	0	0	Space Only	10	
11	Spare	20/1	0	0	0	0	Space Only	12	
13	Spare	20/1	0	0	0	0	Space Only	14	
15	Spare	20/1	0	0	0	0	Space Only	16	
17	Spare	20/1	0	0	0	0	Space Only	18	
19	Space Only	-	0	0	0	0	Space Only	20	
21	Space Only	-	0	0	0	0	Space Only	22	
23	Space Only	-	0	0	0	0	Space Only	24	
25	Space Only	-	0	0	0	0	Space Only	26	
27	Space Only	-	0	0	0	0	Space Only	28	
29	Space Only	-	0	0	0	0	Space Only	30	
Panel VA load/phase:						0	0	0	
Amps/phase:						0.0	0.0	0.0	
Total VA Load:						0			
Average amps/phase:						0.0			

NEW PANEL EB SCHEDULE									
Typical Series:		Square D NQ		AIC: 10,000A RMS Symmetrical					
Voltage Rating:		120/240V 1 phase 3 wire		Notes:		Copper bus, copper ground bar			
Enclosure and mounting:		NEMA 1 surface		Door-in-door construction					
Main lug ampacity:		125A		All single c/b's rated for SWD					
Location:		Electrical Room		Top fed panelboard					
NO	LOAD	C/B Trip	PHASE A LOAD	PHASE B LOAD	PHASE C LOAD	C/B Trip	LOAD	NO	
1	A/C Unit First Floor Vault	40/2	0	0	0	30/1	Existing Equipment	2	
3	"	"	0	0	0	0	Existing Equipment	4	
5	Existing Equipment	20/1	0	0	0	30/1	Existing Equipment	6	
7	Existing Equipment	20/1	0	0	0	30/1	Existing Equipment	8	
9	Existing Equipment	20/1	0	0	0	30/1	Existing Equipment	10	
11	Existing Equipment	20/1	0	0	0	30/1	Existing Equipment	12	
13	Spare	20/1	0	0	0	0	Space Only	14	
15	Spare	20/1	0	0	0	0	Space Only	16	
17	Spare	20/1	0	0	0	0	Space Only	18	
19	Spare	20/1	0	0	0	0	Space Only	20	
21	Space Only	-	0	0	0	0	Space Only	22	
23	Space Only	-	0	0	0	0	Space Only	24	
25	Space Only	-	0	0	0	0	Space Only	26	
27	Space Only	-	0	0	0	0	Space Only	28	
29	Space Only	-	0	0	0	0	Space Only	30	
Total VA load/phase:						0	0	0	
Amps/phase:						0.0	0.0	0.0	
Total VA Load:						0			
Average amps/phase:						0.0			

NEW PANEL B25 SCHEDULE									
Typical Series:		Square D NQ		AIC: 10,000A RMS Symmetrical					
Voltage Rating:		208Y/120V 3 Phase 4 Wire		Notes:		Copper bus, copper ground bar			
Enclosure and mounting:		NEMA 1 surface		Door-in-door construction					
Main lug ampacity:		125A		All single c/b's rated for SWD					
Location:		Maintenance		Top fed panelboard					
NO	LOAD	C/B Trip	PHASE A LOAD	PHASE B LOAD	PHASE C LOAD	C/B Trip	LOAD	NO	
1	Existing Equipment	20/1	0	0	0	20/1	Existing Equipment	2	
3	Existing Equipment	20/1	0	0	0	20/1	Existing Equipment	4	
5	Existing Equipment	20/1	0	0	0	20/1	Existing Equipment	6	
7	Existing Equipment	20/1	0	0	0	20/1	Existing Equipment	8	
9	Existing Equipment	20/1	0	0	0	20/1	Existing Equipment	10	
11	Spare	20/1	0	0	0	0	Space Only	12	
13	Spare	20/1	0	0	0	0	Space Only	14	
15	Spare	20/1	0	0	0	0	Space Only	16	
17	Spare	20/1	0	0	0	0	Space Only	18	
19	Space Only	-	0	0	0	0	Space Only	20	
21	Space Only	-	0	0	0	0	Space Only	22	
23	Space Only	-	0	0	0	0	Space Only	24	
25	Space Only	-	0	0	0	0	Space Only	26	
27	Space Only	-	0	0	0	0	Space Only	28	
29	Space Only	-	0	0	0	0	Space Only	30	
Panel VA load/phase:						0	0	0	
Amps/phase:						0.0	0.0	0.0	
Total VA Load:						0			
Average amps/phase:						0.0			

NEW PANEL C25 SCHEDULE									
Typical Series:		Square D NQ		AIC: 10,000A RMS Symmetrical					
Voltage Rating:		208Y/120V 3 Phase 4 Wire		Notes:		Copper bus, copper ground bar			
Enclosure and mounting:		NEMA 1 surface		Door-in-door construction					
Main lug ampacity:		225A		All single c/b's rated for SWD					
Location:		3rd Floor Storage		Top fed panelboard					
NO	LOAD	C/B Trip	PHASE A LOAD	PHASE B LOAD	PHASE C LOAD	C/B Trip	LOAD	NO	
1	Existing Equipment								