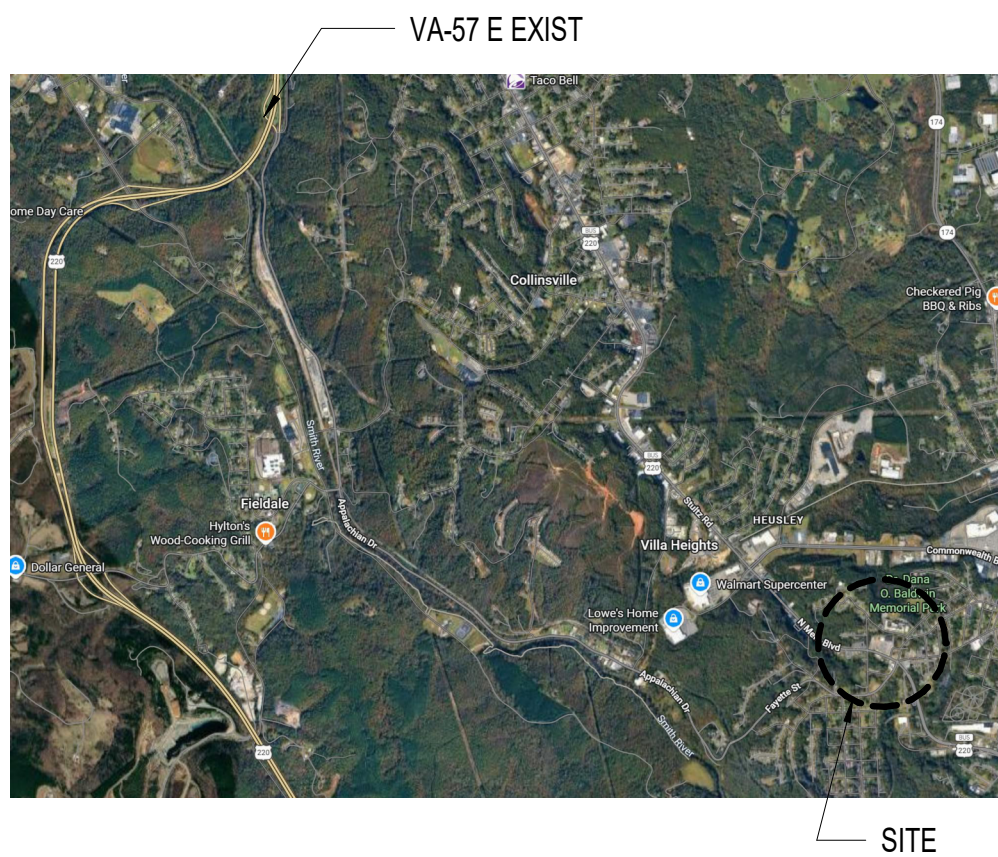


PATHS CLINIC AT ALBERT HARRIS ELEMENTARY MARTINSVILLE CITY PUBLIC SCHOOLS RRMM ARCHITECTS, PC

ARCHITECTURE / PLANNING / INTERIORS

310 1st Street SW, Suite 100M
Roanoke, VA 24011
(540) 344-1212

VICINITY MAP



CONSULTANTS

PROSIM ENGINEERING
STRUCTURAL ENGINEERING
108 South Iron Street
Marion, VA 24354
276.783.3977

TIMMONS GROUP
CIVIL ENGINEERING AND SURVEYING
109 Norfolk Ave SW, Suite 100
Roanoke, VA 24011
276.308.8255

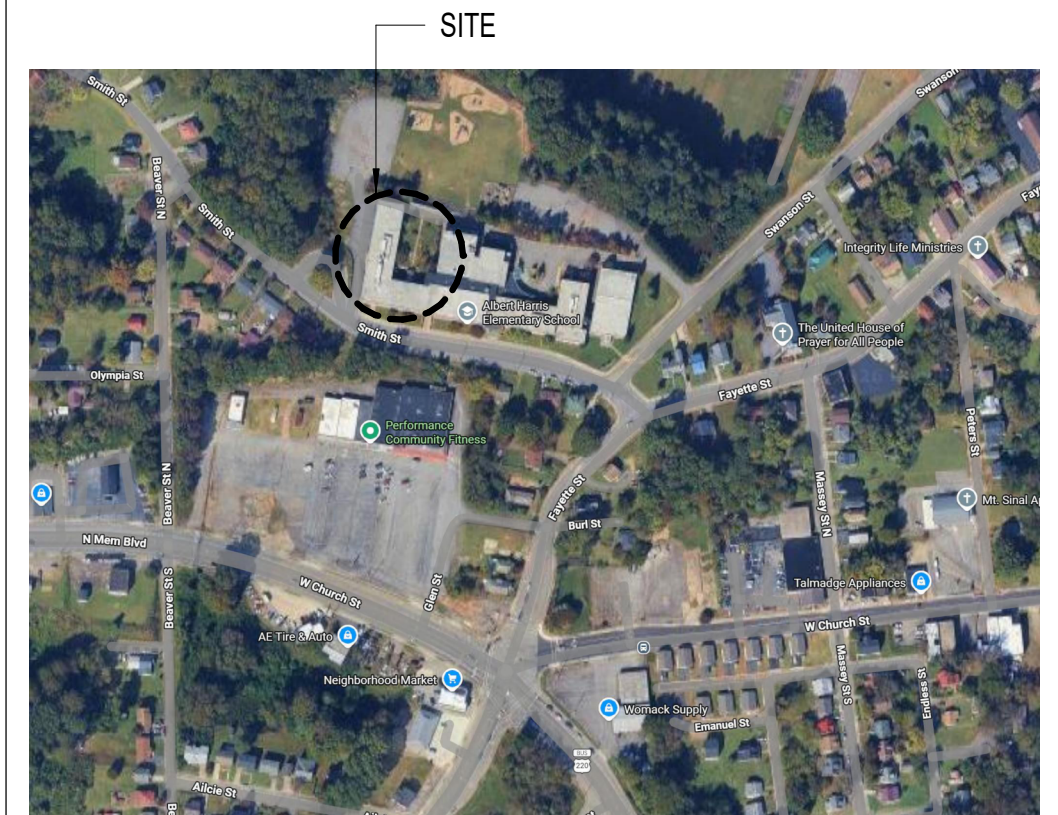
LPA
MEP ENGINEERING
15 East Salem Ave, SE, Suite 101
Roanoke, VA 201
540.342.5167

OWNER

MARTINSVILLE CITY PUBLIC SCHOOLS

746 Indian Trail
Martinsville, VA 24112
P: 276.403.5820
F: 276.403.5830

LOCATION MAP



SHEET INDEX

Sheet Number	Sheet Title
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PROJECT TITLE SHEET

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CIVIL

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C-200	EXISTING CONDITIONS AND DEMOLITION PLAN
C-300	SITE AND UTILITY PLAN
C-400	GRADING AND DRAINAGE PLAN

LIFE SAFETY

LS100	LIFE SAFETY
LS101	LIFE SAFETY

ARCHITECTURAL DEMOLITION

AD100	LOWER LEVEL DEMO PLAN
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ARCHITECTURAL

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A-002	PARTITION TYPES, PARTITION TERMINATION DETAILS
A-003	CONCRETE NOTES AND DETAILS
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A-603	DOOR SCHEDULE, DOOR TYPES, & FRAME TYPES
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A-801	CASEWORK
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PD100	LOWER LEVEL DEMO PLAN - PLUMBING
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PLUMBING

P-001	PLUMBING LEGEND, DETAILS AND NOTES
P-101	LOWER LEVEL FLOOR PLAN - PLUMBING
P-201	ENLARGED FLOOR PLANS - SANITARY

MECHANICAL DEMOLITION

MD100	LOWER LEVEL DEMO PLAN - HVAC
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MECHANICAL

M-001	HVAC LEGEND AND NOTES
M-101	LOWER LEVEL FLOOR PLAN - DUCTWORK
M-201	LOWER LEVEL FLOOR PLAN - HVAC PIPING
M-301	HVAC DETAILS & CONTROLS

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ELECTRICAL DEMOLITION

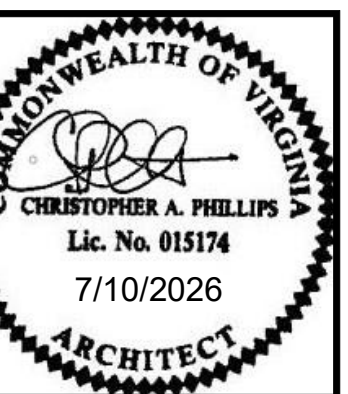
ED100	LOWER LEVEL DEMO PLAN - ELECTRICAL
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ELECTRICAL

E-001	ELECTRICAL LEGEND AND ABBREVIATIONS
E-002	ELECTRICAL GENERAL AND DEMOLITION NOTES
E-003	ELECTRICAL DETAILS
E-004	ELECTRICAL DETAILS
E-005	ELECTRICAL LIGHTING FIXTURE AND LIGHTING CONTROLS SCHEDULES
E-101	ELECTRICAL SITE PLAN
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E-701	PANEL SCHEDULES
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E-705	PANEL SCHEDULES

DATE	07-10-2026	PROJECT	25117-01	DESIGNED	ACH	DRAWN	CORACH	CHECKED	DRJ
MARK	DATE	BY	DES	REVISIONS					

DATE	07-10-2026	PROJECT	25117-01	DESIGNED	ACH	DRAWN	CORACH	CHECKED	DRJ
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING TITLE SHEET

SHEET

G-001

12345

ALBERT HARRIS ELEMENTARY SCHOOL PATHS CLINIC

MINOR SITE PLAN

MARTINSVILLE, VIRGINIA

710 SMITH STREET

07/10/2026

SITE DATA:

TAX ID: # 20 (01) 00/01A

PARCEL AREA: 12.42 ACRES

LIMITS OF DISTURBANCE: 8,893 SF

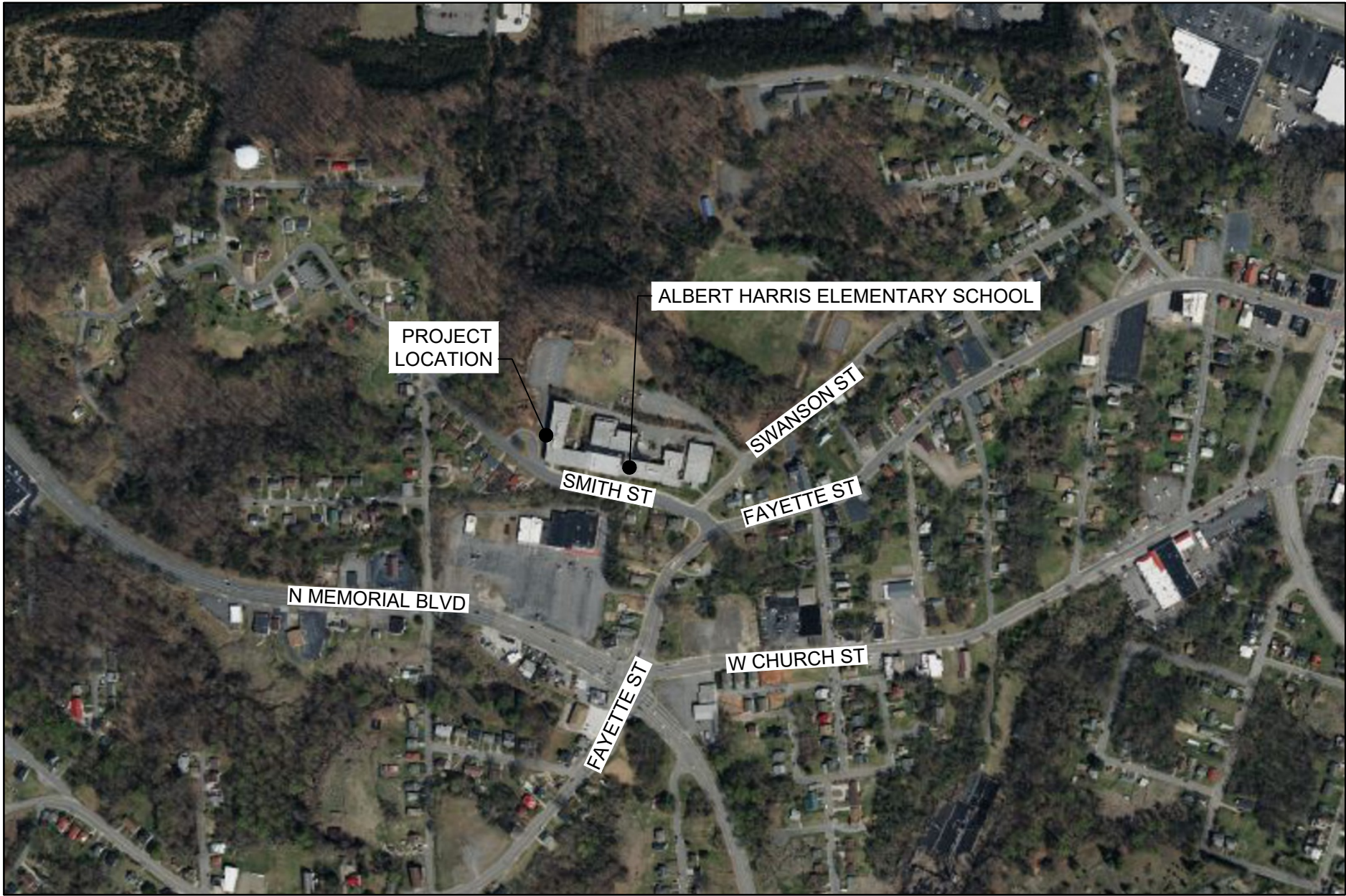
ZONING: R-C (CITY RESIDENTIAL DISTRICT)

SURVEY:

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF JOSEPH C. MEDLEY FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION;THAT THE ORIGINAL DATA WAS OBTAINED ON THE FOLLOWING DATES: FEBRUARY 24, 2026. THIS BASE-MAP AND DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

THIS IS NOT A FORMAL BOUNDARY SURVEY. NO FORMAL RESEARCH HAS BEEN CONDUCTED. NO EVIDENCE HAS BEEN RECOVERED. NO BOUNDARY DETERMINATION MADE OR DEPICTED. BOUNDARY LINES MAY BE PRESENT ALONG THE SOUTH PORTION OF THE SURVEY AREA PERTAINING TO DIFFERENTIATION BETWEEN THE SUBJECT PARCEL AND PUBLIC RIGHT OF WAY.

BASED ON FEMA FLOOD INSURANCE RATE MAP (FIRM), MAP NO. 51089C0134C, EFFECTIVE SEPTEMBER 26, 2009. THE SUBJECT PROPERTY LIES IN UNSHADED ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.



VICINITY MAP

SCALE: 1" = 500'

OWNER:

MARTINSVILLE SCHOOL BOARD
746 INDIAN TRAIL
MARTINSVILLE, VA 24112
TELEPHONE: 276-403-5820

ENGINEER OF RECORD:

TIMMONS GROUP
109 NORFOLK AVE. SW, SUITE 100
ROANOKE, VA. 24011
CONTACT: JOHN BRODIE, P.E.
TELEPHONE: 540-520-2412

TIMMONS GROUP

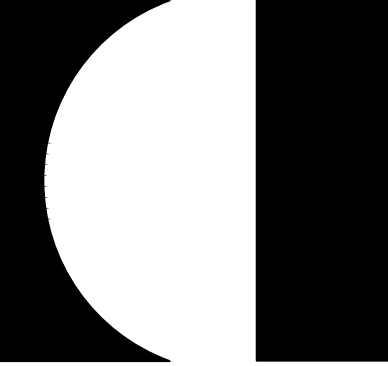
Sheet List Table

Sheet Number	Sheet Title
C-000	COVER SHEET
C-100	GENERAL NOTES AND DETAILS
C-200	EXISTING CONDITIONS AND DEMOLITION PLAN
C-300	SITE AND UTILITY PLAN
C-400	GRADING AND DRAINAGE PLAN

TOTAL: 5 SHEETS

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
07-10-2026	25117-01	K. BARGER	K. UFER	J. BRODIE	DES	BY	

07-10-2026	25117-01	K. BARGER	K. UFER	J. BRODIE	DES	BY	
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RRMM
ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011 C
(540)344-1212



MARTINSVILLE CITY PUBLIC SCHOOLS

PROJECT

PATHS CLINIC AT ALBERT HARRIS ELEMENTARY

710 SMITH STREET

MARTINSVILLE, VA 24112

DRAWING

COVER SHEET

SHEET

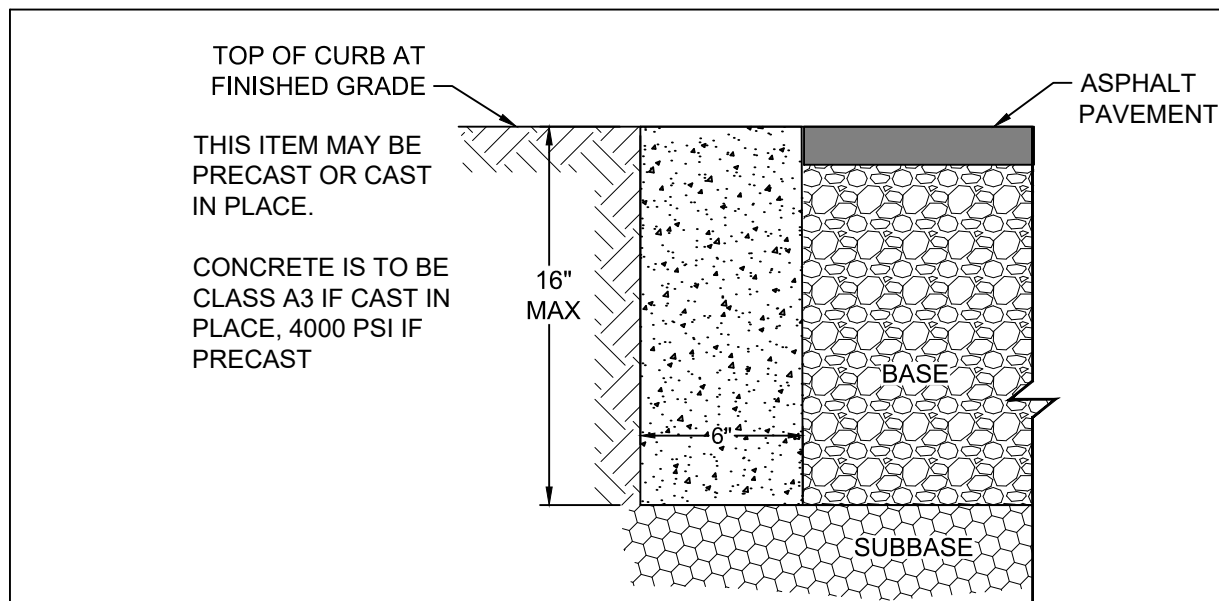
C-000

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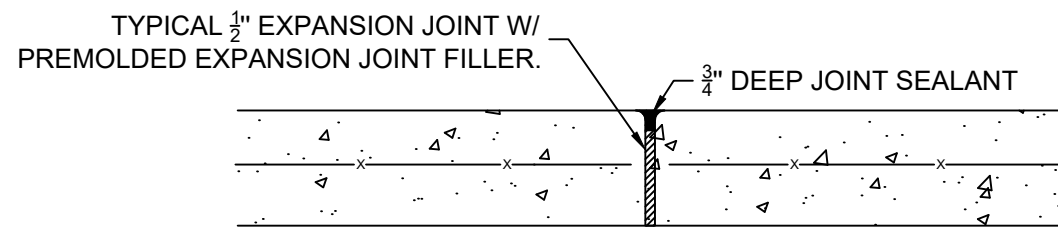
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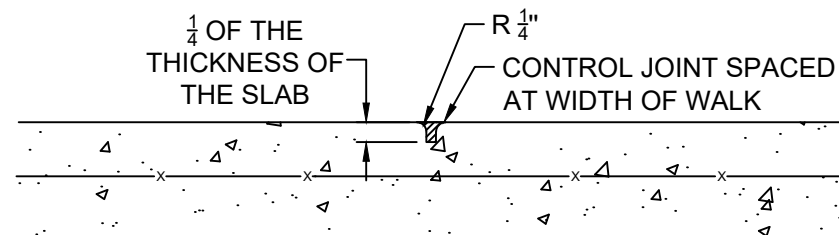
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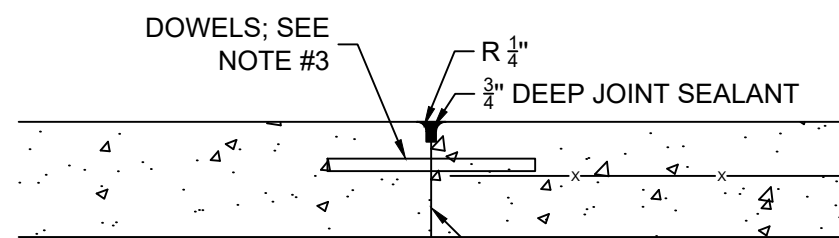
FLUSH CURB DETAIL
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EXPANSION / ISOLATION JOINTS



CONTROL / CONTRACTION JOINTS



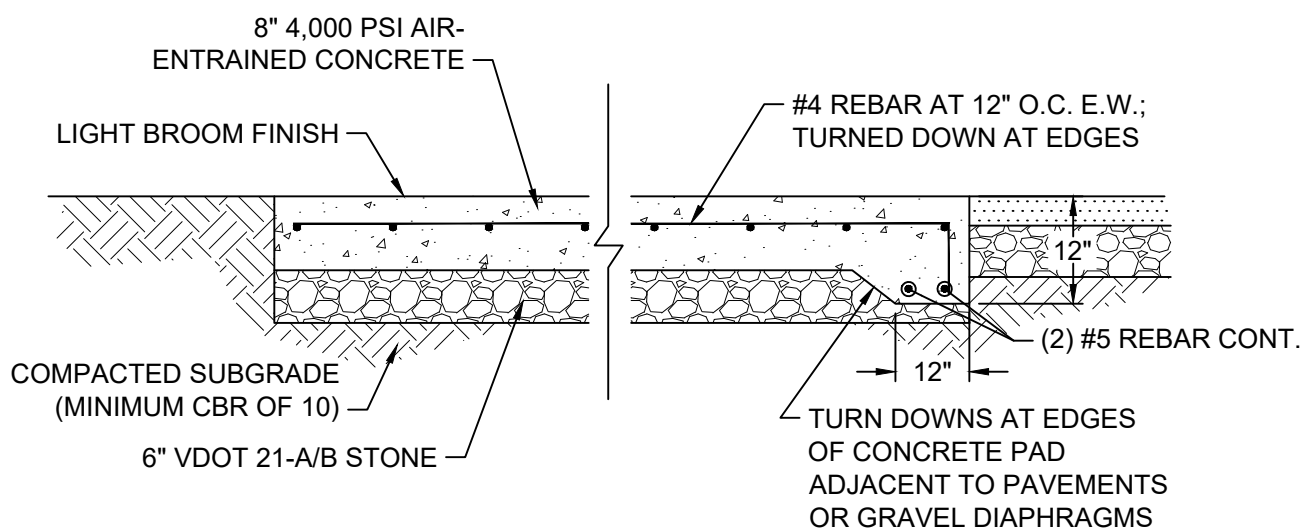
CONSTRUCTION JOINTS

JOINT NOTES:

1. ALL JOINTS SHALL COMPLY WITH ACI 330-08.
2. CONTROL / CONTRACTION JOINTS SHALL BE SPACED AT A WIDTH EQUAL TO THE CONCRETE WIDTH, UNLESS THE WIDTH IS OVER 10'. IN THIS CASE, THE JOINTS SHALL BE SPACED EQUALLY AT NO MORE THAN 10' APART.
3. EXPANSION / ISOLATION JOINTS SHALL BE SPACED A MAXIMUM 30' O.C., UNLESS SHOWN OR SPECIFIED OTHERWISE.
4. CONSTRUCTION JOINTS SHALL BE USED AS NEEDED.
5. ALL EXISTING JOINTS WITHIN THE LIMITS SHALL BE RE-ESTABLISHED TO MATCH EXISTING JOINT PATTERNS.
6. ALL JOINTS BETWEEN EXISTING AND REPLACED CONCRETE PAVEMENT SHALL BE MADE WITH A CONSTRUCTION JOINT, UNLESS EXISTING JOINT WAS AN EXPANSION JOINT, IN WHICH CASE IT SHALL BE REPLACED TO MATCH EXISTING.
7. STEEL DOWEL BARS SHALL MEET ASTM A 615/A 615M, GRADE 60. DOWELS SHALL BE 1" Ø AND 18" LONG, SPACED 12" ON CENTER. DOWELS SHALL BE EMBEDDED 9" INTO THE EXISTING SECTION, USED HILTI HIT-HY 150 ADHESIVE FOR SECURING DOWELS. PAINT EXPOSED CONCRETE FACE WITH BONDING AGENT (WELD CRETE BY LARSON PRODUCTS CORP., OR APPROVED EQUAL).
8. JOINT SEALANT SHALL BE A TWO-COMPONENT, SELF-LEVELING, POLYURETHANE ELASTOMERIC SEALANT.

TYPICAL CONCRETE JOINT DETAIL

No Scale



1. CONCRETE SECTION TO BE VERIFIED WITH ONSITE GEOTECHNICAL EVALUATION AFTER SUBGRADE ELEVATION IS ESTABLISHED.
2. NO ISOLATION JOINTS ANTICIPATED. CONTRACTION JOINTS SHALL BE PLACED A MAXIMUM 15' ON CENTER, EQUALLY SPACED WHERE POSSIBLE AND EXTENDING FROM ANY CORNERS IN THE PAD. GENERAL LAYOUT SHOWN ON SITE PLAN. REFER TO TYPICAL CONCRETE JOINT DETAIL ON THIS SHEET FOR JOINT REQUIREMENTS.
3. 3" OF CONCRETE COVER SHALL BE PROVIDED FOR ALL REINFORCING STEEL.

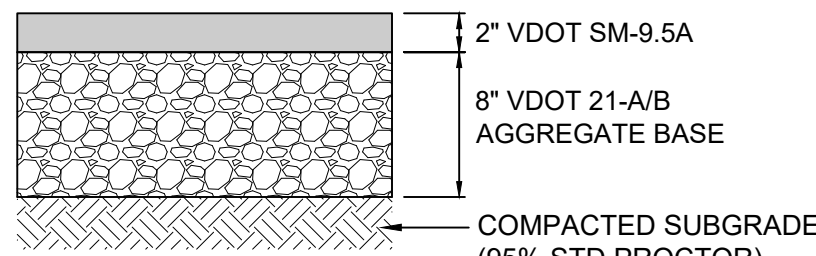


NOTE: THIS SECTION TO BE USED FOR THE PROPOSED GENERATOR PAD

HEAVY DUTY CONCRETE PAVEMENT SECTION

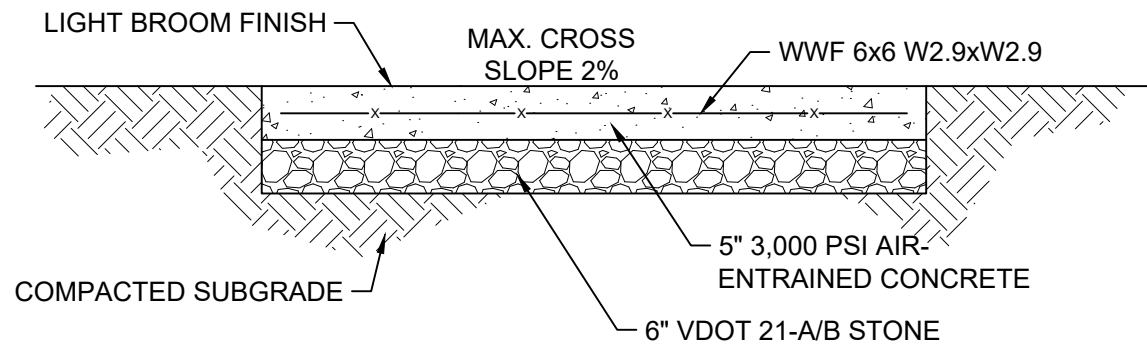
No Scale

1. THIS PAVEMENT SECTION TO BE USED FOR PROPOSED ASPHALT AS SHOWN ON THE PLANS.
2. ALL ASPHALT PAVEMENT SECTIONS AND COMPACTION REQUIREMENTS SHALL BE CONFIRMED WITH ONSITE TESTING BY A QUALIFIED GEOTECHNICAL TESTING AGENCY ONCE SUBGRADE IS REACHED.
3. STANDARD VDOT UNDERDRAINS MAY NEED TO BE ADDED TO PAVEMENT SECTION BASED ON THE GEOTECHNICAL ENGINEERS ASSESSMENT OF THE ON-SITE SUBGRADE CONDITIONS AT TIME OF PLACEMENT.
4. ALL PAVEMENT INSTALLATION SHALL BE IN ACCORDANCE WITH VDOT SPECIFICATIONS.
5. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

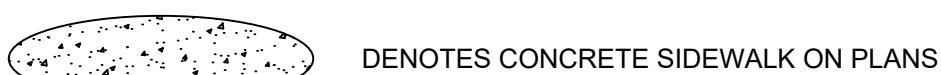


ASPHALT PAVEMENT SECTION

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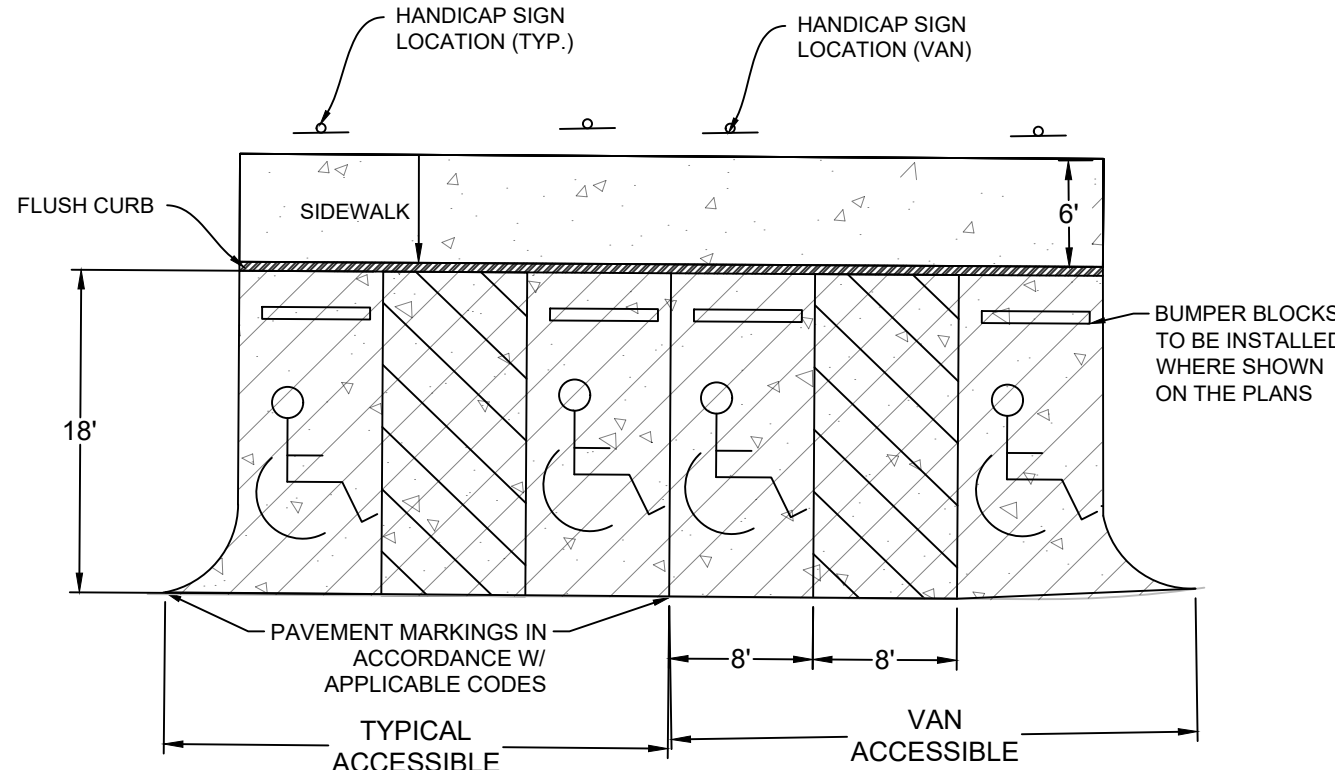


1. REFER TO TYPICAL CONCRETE JOINT DETAIL ON THIS SHEET FOR JOINT REQUIREMENTS.



CONCRETE SIDEWALK SECTION

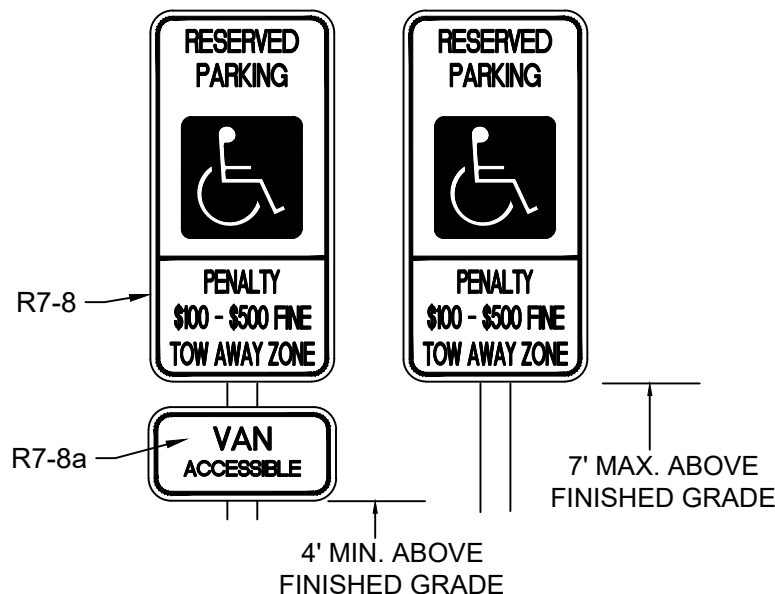
No Scale



HANDICAP SPACES
NOTE: 2% MAX. IN ANY DIRECTION

TYPICAL PARKING SPACE DETAILS

No Scale

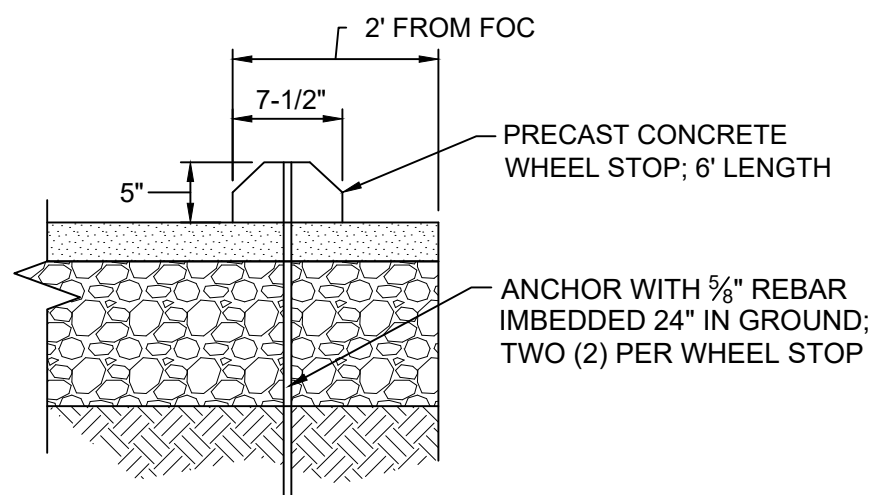


FEDERAL: SIGN FOR THE DISABLED ON 0.80 GAUGE ALUMINUM. COLORS: GREEN BORDER & TEXT, BLUE SYMBOL FOR ACCESSIBILITY, WHITE BACKGROUND.

SPACES SHALL BE IDENTIFIED BY ABOVE GRADE SIGNS AS RESERVED FOR PHYSICALLY DISABLED PERSONS. PROVIDE 12"x18" R7-8 SIGNS WITH 4" INTERNATIONAL WHEELCHAIR SYMBOL AT EACH PARKING SPACE INDICATED ON SITE PLAN. ON THE SAME SIGN, OR A SEPARATE SIGN BELOW, "PENALTY, \$100-\$500 FINE, TOW AWAY ZONE" MUST BE INCLUDED (VA CODE 36-9b.11). BELOW THESE SIGNS, PROVIDE A 12"x6" R7-8a SIGN FOR SPACES IDENTIFIED AS 'VAN' ON THE PLANS. POST SHALL BE 2" SQUARE TUBE WITH TYPE D FOUNDATIONS IN ACCORDANCE WITH VDOT STANDARD STP-1.

PARKING SIGNS FOR THE DISABLED

No Scale



PRECAST CONCRETE WHEEL STOP

No Scale

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT MARTINSVILLE AND VIRGINIA DEPARTMENT OF TRANSPORTATION'S (VDOT) SPECIFICATIONS AND STANDARDS, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM THE LOCAL OR STATE AGENCIES AT THEIR EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
3. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONSULT THE ENGINEER AND VERIFY THE APPROVAL OF THE PLANS BY ALL FEDERAL, STATE AND LOCAL AGENCIES.
4. THE CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY INSPECTORS.
5. THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. ALSO VERIFY ALL DIMENSIONS, TIE-IN ELEVATIONS, SITE CONDITIONS, AND MATERIAL SPECIFICATIONS AND NOTIFY THE ENGINEER OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES BEFORE COMMENCING OR PROCEEDING WITH WORK.
6. DEVIATIONS FROM OR CHANGES TO THESE PLANS WILL NOT BE ALLOWED, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. PERFORM ALL WORK USING DIMENSIONS SHOWN ON THESE PLANS. DO NOT USE SCALES, RULERS, OR OTHER MEASURING DEVICES TO DETERMINE SPATIAL RELATIONSHIPS ON THESE DRAWINGS.
8. ALL GROUND COVER AND LANDSCAPING SHALL BE PROPERLY MAINTAINED IN A HEALTHY CONDITION AT ALL TIMES. DEAD PLANT MATERIALS SHALL BE REMOVED IN A REASONABLE TIME AND REPLACED DURING THE NORMAL PLANTING SEASON.
9. ALL TURF AREAS THAT ARE IMPACTED OR DISTURBED BY VEHICLES, EQUIPMENT, OR ACTIVITY SHALL BE REPAIRED, REGRADED, AND RESEED TO THE SATISFACTION OF THE OWNER.
10. PROPERLY SECURE THE CONSTRUCTION AREA AT ALL TIMES AGAINST UNAUTHORIZED ENTRY AND ADEQUATELY PROTECT EQUIPMENT, MATERIALS, AND COMPLETED WORK FROM THEFT AND VANDALISM. THE OWNER IS NOT RESPONSIBLE FOR THE LOSS OF ANY MATERIAL STORED AT THE SITE. ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
11. REQUIRED MEANS OF EGRESS FROM BUILDINGS TO THE PUBLIC WAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND DEMOLITION, OR A TEMPORARY ALTERNATE MEANS OF EGRESS PLAN SHALL BE SUBMITTED TO THE CITY OF MARTINSVILLE FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
12. CONTRACTOR SHALL COORDINATE AND PROVIDE ALL MATERIALS RELATED TO AS-BUILT DOCUMENTATION, AS REQUIRED BY THE CITY OF MARTINSVILLE. THIS INCLUDES, BUT IS NOT LIMITED TO, TESTING, INSTALLATION DOCUMENTATION, SURVEY, ETC. ALL REQUIREMENTS SHALL BE DISCUSSED PRIOR TO THE BEGINNING CONSTRUCTION.

CONCRETE AND PAVEMENT NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS AND STANDARDS.
2. ALL ENTRANCES AND CURBS/GUTTERS ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CURRENT VDOT STANDARDS, EXCEPT AS NOTED.
3. ALL CONCRETE WITHIN PUBLIC ROW SHALL HAVE MINIMUM STRENGTH OF 4,000 PSI. SEE MARTINSVILLE STANDARDS AND DESIGN MANUAL 12.6.3 FOR MIX REQUIREMENTS. ALL OTHER CONCRETE SHALL BE A3-AE (AIR ENTRAINED 3,000 PSI), UNLESS OTHERWISE NOTED.
4. ALL FORMS SHALL BE INSPECTED BY THE PROJECT'S INSPECTOR BEFORE ANY CONCRETE IS PLACED. THE INSPECTOR MAY REQUIRE CONTRACTOR, AT NO ADDITIONAL COST, TO REMOVE AND REPLACE CONCRETE PLACED PRIOR TO OR WITHOUT SUCH INSPECTION.
5. ALL MATERIAL INSIDE FORMS SHALL BE CLEAN AND FREE OF ALL ROCKS AND OTHER LOOSE DEBRIS. SUB-BASE MATERIAL SHALL BE COMPACTED BY MECHANICAL MEANS.
6. CONCRETE SHALL NOT BE PLACED UNLESS THE AIR TEMPERATURE IS AT LEAST 40 DEGREES FAHRENHEIT (F) IN THE SHADE AND RISING.
7. 1/2" PRE-MOLDED EXPANSION JOINT MATERIAL SHALL BE PLACED AT A MAXIMUM OF 30' INTERVALS ON NEW SIDEWALK, CURB, CURB & GUTTER, AT EACH END OF DRIVEWAY ENTRANCES, AT EACH END OF HANDICAP RAMPS, AND ALONG BUILDINGS AND WALLS WHERE CONCRETE SIDEWALKS ARE PLACED AGAINST THEM.
8. AS DETERMINED BY THE ENGINEER, ANY DEFECTIVE, FAULTY, CRACKED, BROKEN OR GRAFFITIED SIDEWALKS, DRIVEWAYS, HANDICAP RAMPS OR CURB & GUTTER SHALL BE REMOVED AND REPLACED PRIOR TO FINAL ACCEPTANCE. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH WORK.
9. THE PAVEMENT DESIGN IS SUBJECT TO CHANGE DUE TO SOIL CONDITIONS AT THE TIME OF CONSTRUCTION, AS DETERMINED BY THE PROJECT'S INSPECTOR.
10. ALL VEGETATION, UNSUITABLE MATERIAL, AND ORGANIC MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION LIMITS OF PAVED AREAS AND DISPOSED OF PROPERLY AT AN APPROVED LOCATION.
11. EXISTING ASPHALT PAVEMENT SHALL BE SAWCUT AND REMOVED. REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT TEAR, BULGE OR DISPLACE ADJACENT PAVEMENT. EDGES SHALL BE CLEAN AND VERTICAL. ALL CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE DIRECTION OF TRAFFIC.
12. WHERE PAVEMENT IS BEING REMOVED, THE CONTRACTOR SHALL REMOVE AGGREGATE BASE MATERIAL TO SUB-GRADE.
13. EXISTING CURBS, CURB & GUTTER, SIDEWALKS, AND/OR STEPS TO BE REMOVED SHALL BE TAKEN OUT TO THE NEAREST JOINT. DEMOLITION AND DISPOSAL COST TO BE INCLUDED IN OTHER UNIT BID ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
14. EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY CONTRACTOR (WHICH ARE NOT TO BE REMOVED) SHALL BE REPAIRED TO LIKE-NEW CONDITION.
15. THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS.
16. THE PROJECT'S INSPECTOR SHALL HAVE APPROVED THE AGGREGATE BASE COURSE(S) AND PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF ANY SURFACE COURSE(S). CONTACT THE OWNER'S REPRESENTATIVE FOR INSPECTION FOR THE AGGREGATE BASE COURSE(S) 48 HOURS PRIOR TO APPLICATION OF THE SURFACE COURSE(S).
17. IN ACCORDANCE WITH THE LATEST VERSION OF THE AMERICANS WITH DISABILITY ACT ACCESSIBILITY GUIDELINES (ADAAG), ALL APPLICABLE CODES AND REQUIREMENTS FOR ACCESSIBILITY SHALL BE STRICTLY COMPLIED WITH.
18. CONTRACTOR SHALL EXERCISE CARE, ESPECIALLY AT INTERSECTIONS AND GUTTER LINES, TO PROVIDE POSITIVE DRAINAGE. ANY AREAS WHERE WATER IS IMPOUNDED SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL COST. POSITIVE DRAINAGE OF ALL ROADWAY AREAS TO THE STORM DRAIN INLETS OR OTHER ACCEPTABLE DRAINAGE CHANNELS AS NOTED ON THE PLANS IS REQUIRED.
19. A PRIME COAT SEAL BETWEEN THE AGGREGATE BASE AND BITUMINOUS CONCRETE WILL BE REQUIRED AT THE RATE OF 0.30 GALLONS PER SQUARE YARD (REC-250 PRIME COAT) PER VDOT STANDARDS AND SPECIFICATIONS.
20. CERTIFICATION AND SOURCE OF MATERIALS ARE TO BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR ALL MATERIALS AND BE IN ACCORDANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS, AND ROAD AND BRIDGE STANDARDS.
21. DRIVEWAY ADJUSTMENTS ARE TO BE DONE IN GENTLE TRANSITIONS RATHER THAN ABRUPT BREAKS AT THE BACK OF WALKS. GRAVEL DRIVEWAYS ABOVE STREET GRADE SHALL BE PAVED FOR A MINIMUM DISTANCE OF 20' BEYOND THE BACK OF THE SIDEWALK OR CURB & GUTTER APRON WHERE APPLICABLE.

EARTHWORK AND SITE CONDITIONS NOTES

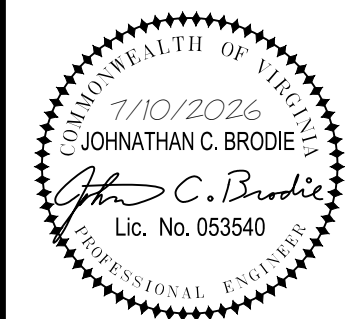
1. BLASTING SHALL NOT BE PERMITTED ON THIS PROJECT.
2. PRIOR TO REMOVING ANY VEGETATION, THE CONTRACTOR SHALL MEET WITH THE PROPERTY OWNERS AND THE ENGINEER TO REVIEW THE LIMITS OF CONSTRUCTION AND OBTAIN PERMISSION TO REMOVE VEGETATION REQUIRED TO DO THE WORK.
3. TREE AND PLANT ROOTS OR BRANCHES THAT MAY INTERFERE WITH THE WORK SHALL BE TRIMMED OR CUT ONLY WITH THE APPROVAL OF THE OWNER AND ENGINEER. ANY TREES OR PLANTS WHICH ARE SHOWN TO REMAIN THAT DO NOT INTERFERE WITH THE WORK, BUT ARE DAMAGED BY CONTRACTOR OR HIS SUBCONTRACTORS, SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST.
4. ANY UNUSUAL OR UNANTICIPATED SUBSURFACE CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
5. UPON DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER AND OWNER. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE OWNER'S REPRESENTATIVE, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
6. EXCEPT AS OTHERWISE SHOWN ON THE PLANS, ALL CUTS AND FILLS SHALL MATCH EXISTING SLOPES OR BE NO GREATER THAN 3:1.
7. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OR PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATERLINES, ETC. PRIOR TO CONSTRUCTION.
8. ALL GRADING AND IMPROVEMENTS TO BE CONFINED TO THE PROJECT AREA UNLESS OTHERWISE INDICATED.

TIMMONS GROUP

MARTINSVILLE CITY PUBLIC SCHOOLS
PROJECT
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING
GENERAL NOTES AND DETAILS

SHEET

C-100



DATE	PROJECT	DESIGNED	DRAWN	CHECKED
07-10-2026	25117-01	K. BARGER	K. UFER	J. BRODIE

DES	BY	MARK	DATE	REVISIONS

D
C
B
A

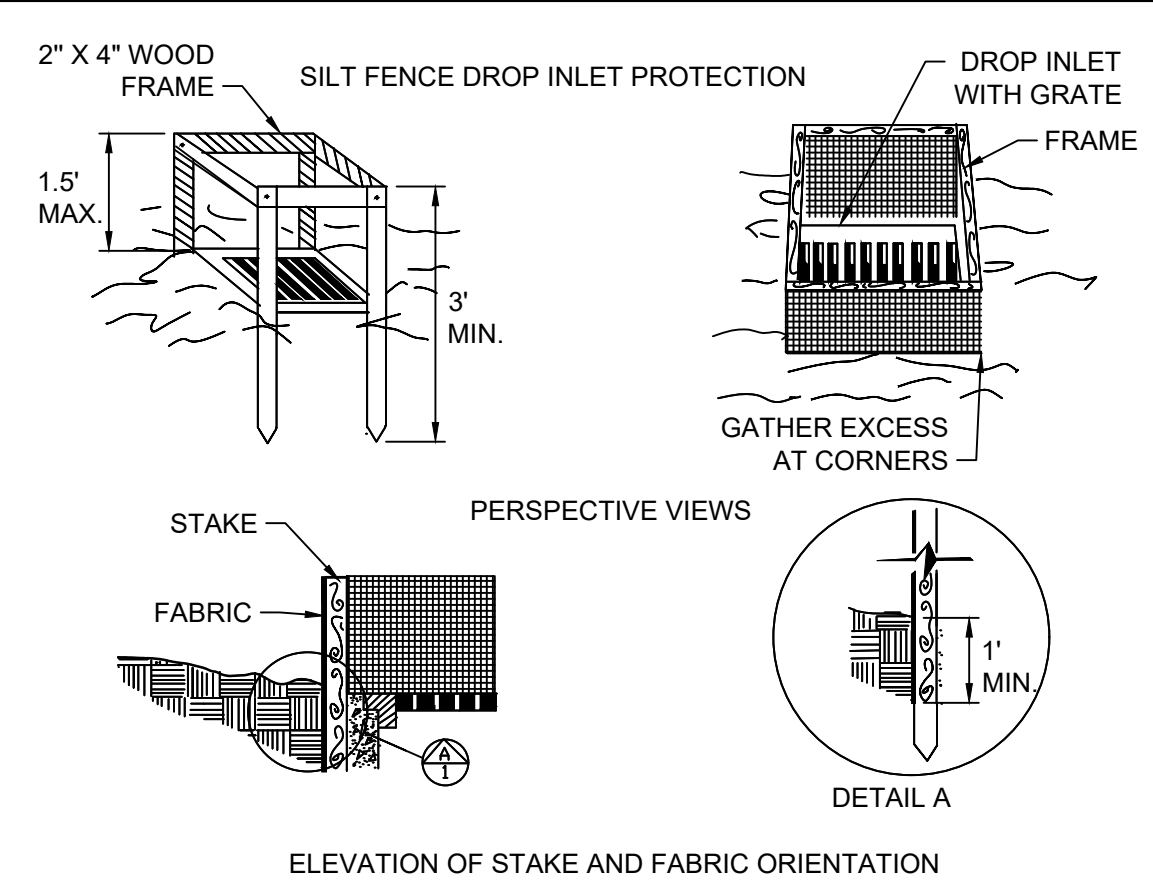
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2

3

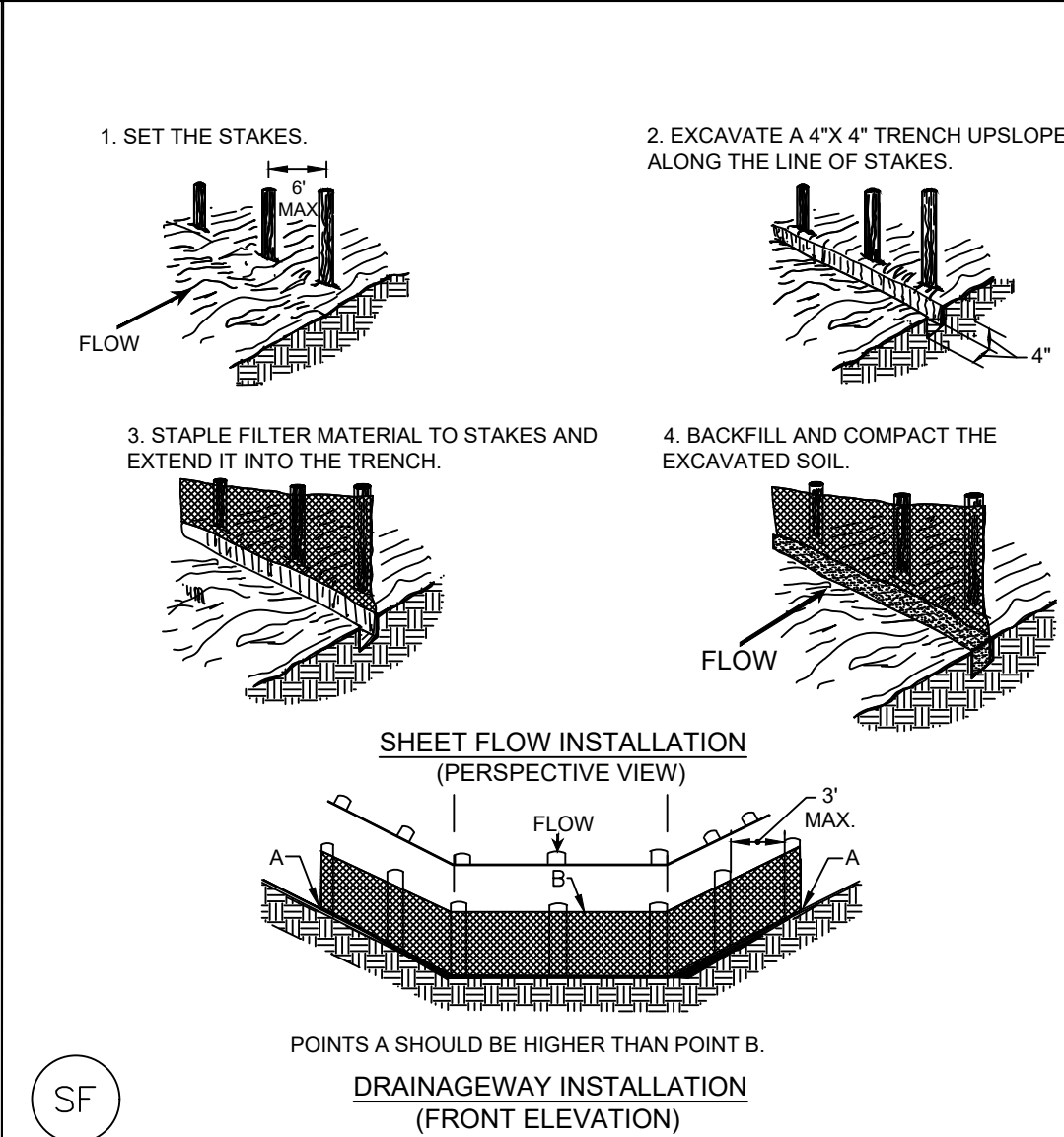
4

5



STORM DRAIN INLET PROTECTION
No Scale

SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPE NO GREATER THAN 5%) WHERE THE INLET SHEET OR OVERLAND FLOWS (NOT EXCEEDING 1 C.F.S.) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.



SILT FENCE
No Scale

EROSION CONTROL LEGEND		
LIMITS OF CLEARING AND GRADING		
(SF) X X X	SILT FENCE	C-PCM-04
(PS)	PERMANENT SEEDING	C-SSM-10
(MU)	MULCHING	C-SSM-11
(DC)	DUST CONTROL	C-SCM-01
(IP)	INLET PROTECTION	C-SCM-04

DEMO LEGEND:	
(Pattern)	CONCRETE REMOVAL
(Pattern)	ASPHALT REMOVAL
(TBR)	TO BE REMOVED

NOTES:

- WHILE THIS PLAN IS UNDER 10,000 SF AND DOES NOT REQUIRE AN OFFICIAL ESC PLAN, ESC MEASURES ARE GOOD PRACTICE.
- CONTRACTOR TO UTILIZE DUST CONTROL AND TEMPORARY SEEDING MEASURES AS NEEDED THROUGHOUT CONSTRUCTION.
- ALL REMOVED MATERIAL SHALL BE TAKEN TO A PERMITTED FACILITY AND DISPOSED OF IN A LAWFUL MANNER.
- CONTRACTOR TO SAWCUT PAVEMENT TO BE REMOVED AT THE LOD. SAWCUTS TO BE MADE IN CLEAN, STRAIGHT LINES
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO DEMOLITION AND REMAIN IN PLACE UNTIL ALL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED WITH SUFFICIENT GRASS COVER TO ELIMINATE EROSION OR ARE REPLACED BY OTHER MEASURES.
- EROSION AND SEDIMENT CONTROL MINIMUM STANDARDS (MS-1 THROUGH MS-19) SHALL BE FOLLOWED AT ALL TIMES.
- REMOVE AND AND DISPOSE OF ALL MATERIAL IN A LAWFUL MANNER. ALL OFFSITE AREAS USED FOR HAULING SOILS SHALL HAVE AN APPROVED EROSION AND SEDIMENT CONTROL PLAN AND LAND DISTURBING PERMIT.
- UTILIZE PERMANENT SEEDING, STRAW MULCHING, AND DUST CONTROL FOR ALL EXPOSED AREAS DURING CONSTRUCTION.

THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF JOSEPH C. MEDLEY FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE ORIGINAL DATA WAS OBTAINED ON THE FOLLOWING DATES: FEBRUARY 24, 2026. THIS BASE-MAP AND DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

SURVEY NOTES:

- PROPERTY & ZONING INFORMATION:**
OWNER: MARTINSVILLE SCHOOL BOARD
REFERENCE: N/A
COUNTY TAX MAP NUMBER: 20.01.100.01A
PROPERTY ADDRESS: 710 SMITH STREET
AREA: 12.42 ACRES (GIS)
ZONED: R-C (CITY RESIDENTIAL DISTRICT)
- THIS IS NOT A FORMAL BOUNDARY SURVEY. NO FORMAL RESEARCH HAS BEEN CONDUCTED. NO EVIDENCE HAS BEEN RECOVERED. NO BOUNDARY DETERMINATION MADE OR DEPICTED. BOUNDARY LINES MAY BE PRESENT ALONG THE SOUTH PORTION OF THE SURVEY AREA PERTAINING TO DIFFERENTIATION BETWEEN THE SUBJECT PARCEL AND PUBLIC RIGHT OF WAY.
- NO TITLE REPORT FURNISHED; EASEMENTS MAY EXIST WHICH ARE NOT DEPICTED HEREON.
- HORIZONTAL DATUM IS BASED ON NAD83 (NA2011), VIRGINIA STATE GRID, SOUTH ZONE. DATUM ESTABLISHED THROUGH NETWORK GPS (LEICA SMARTNET) OBSERVATIONS.
- TOPOGRAPHIC DATA DEPICTED BASED ON A CURRENT FIELD SURVEY BY THIS FIRM, INITIALLY COMPLETED FEBRUARY 24, 2026.
- MISS UTILITY (811) TICKET INITIATION, TICKET NO. A605003398. NO FORMAL UNDERGROUND UTILITY INVESTIGATION (SUE) BEYOND INFORMATION PROVIDED BY MISS UTILITY HAS BEEN CONDUCTED BY THIS FIRM.
- BASED ON FEMA FLOOD INSURANCE RATE MAP (FIRM), MAP NO. 510890313AC, EFFECTIVE SEPTEMBER 26, 2009, THE SUBJECT PROPERTY LIES IN UNSHADED ZONE X. AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
- CONTOUR INTERVAL = 1'
- EXISTING 4" SANITARY LATERAL ADJACENT TO THE BUILDING IS SHOWN PER SITE PLAN ENTITLED 'ADDITIONS AND ALTERATIONS ALBERT HARRIS INTERMEDIATE SCHOOL' PREPARED BY MATTERN & CRAIG INC. DATED 11/9/1998. CONTRACTOR TO FIELD LOCATE THE EXISTING SEWER AND CONFIRM THE PROVIDED INFORMATION PRIOR TO CONSTRUCTION OF NEW LATERAL CONNECTIONS.

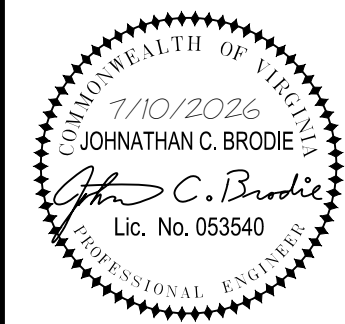
LEGEND	
(Symbol)	WATER VALVE
(Symbol)	FIRE HYDRANT
(Symbol)	STORM INLET W/ GRATE
(Symbol)	FLOW DIRECTION
(Symbol)	SANITARY MANHOLE (MHS)
(Symbol)	FLOW DIRECTION
HDPE	HIGH DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE PIPE
VC	VITRIFIED CLAY PIPE
OHU	OVERHEAD UTILITY LINE
G	NATURAL GAS LINE
SAN	SANITARY PIPE
W	WATER LINE
(Symbol)	EDGE OF PAVEMENT (EP)
(Symbol)	DECIDUOUS TREE
SWK	SIDEWALK
CONC.	CONCRETE
C&G	CURB & GUTTER
(Symbol)	BOLLARD
(Symbol)	SIGN
(Symbol)	SURVEY CONTROL

TIMMONS GROUP

MARTINSVILLE CITY PUBLIC SCHOOLS
PROJECT
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING
EXISTING CONDITIONS AND DEMOLITION PLAN

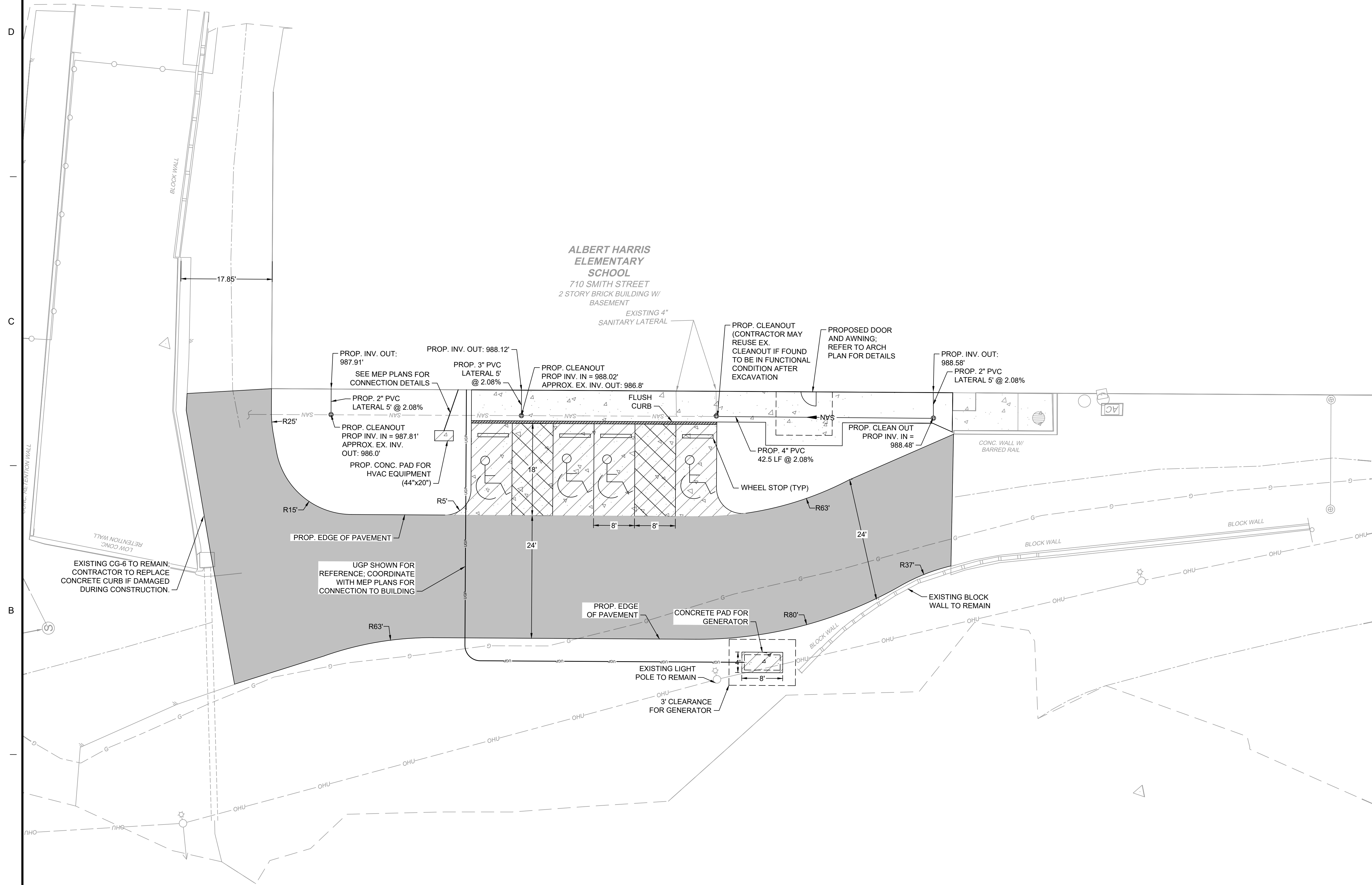
SHEET

C-200



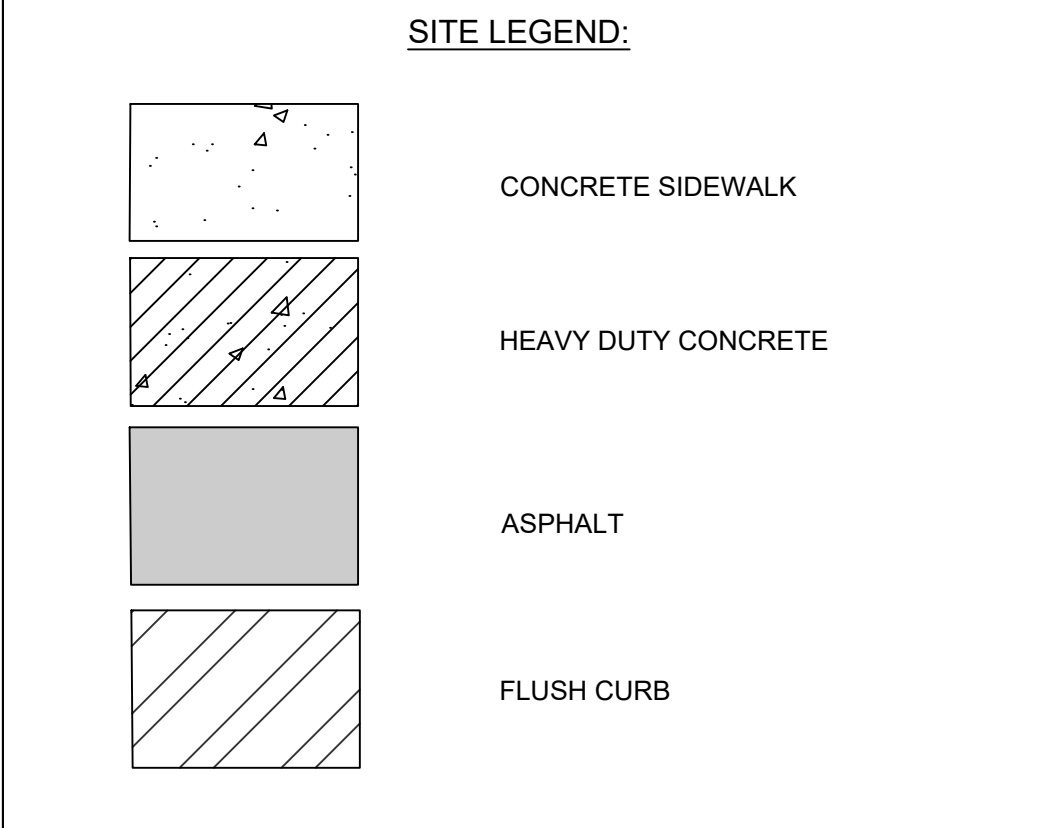
RRMM ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011 C
(540)344-1212

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
07-10-2026	25117-01	K. BARGER	K. JEFF	J. BRODIE	DES		



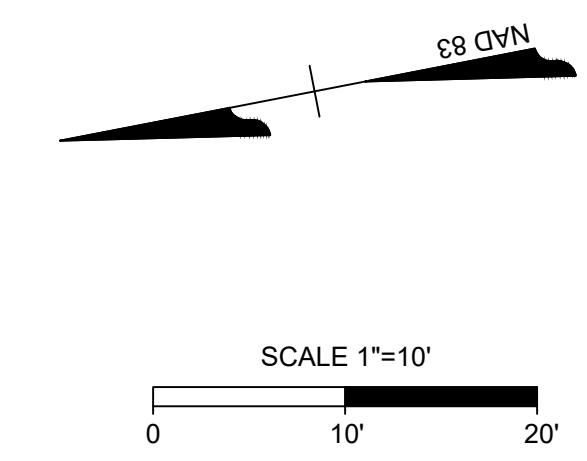
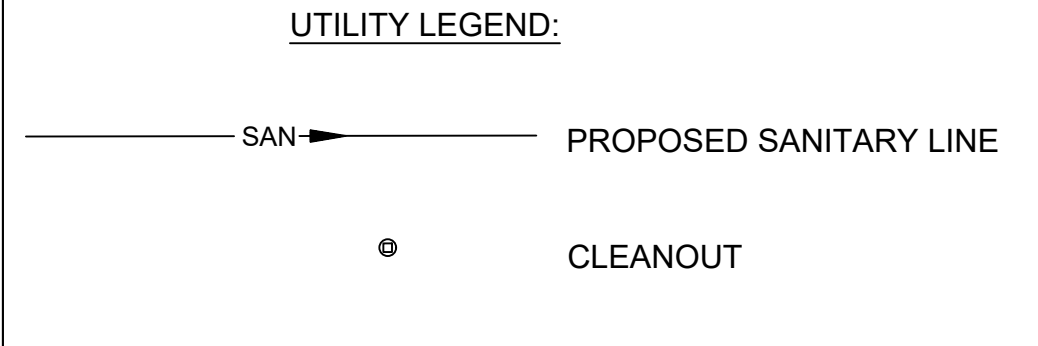
GENERAL NOTES:

- ALL DIMENSIONS ARE TAKEN FROM THE FACE OF CURB AND OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
- ALL SAWCUTS AT TIE IN POINTS TO EXISTING PAVEMENT SHALL BE STRAIGHT AND SMOOTH.
- BUILDING DIMENSIONS ARE FOR REFERENCE ONLY; REFER TO ARCHITECT PLANS.
- SLOPES ON ALL PATHS SHALL MEET ADA REQUIREMENTS; SEE GRADING PLAN FOR DETAILS.



SANITARY NOTE:

- PROPOSED SANITARY LATERALS TO BE CONSTRUCTED WITH 3' COVER



TIMMONS GROUP

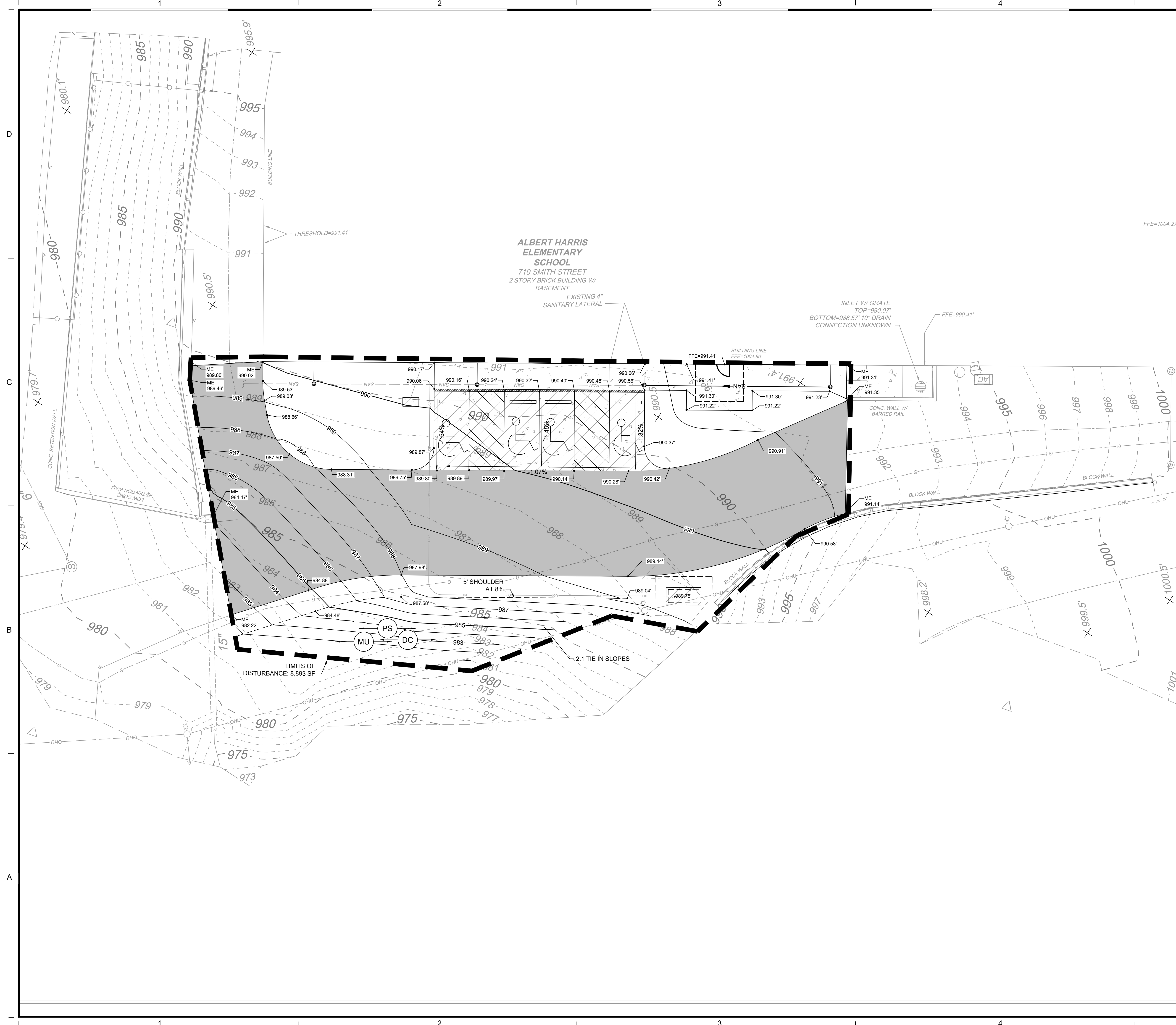
DES	
BY	
MARK	DATE
REVISIONS	

DATE	07-10-2026
PROJECT	25117-01
DESIGNED	K. BARGER
DRAWN	K. JEFF
CHECKED	J. BRODIE

RRMM ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011 C
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PROJECT	MARTINSVILLE CITY PUBLIC SCHOOLS PATHS CLINIC AT ALBERT HARRIS ELEMENTARY 710 SMITH STREET MARTINSVILLE, VA 24112
DRAWING	SITE AND UTILITY PLAN

SHEET	C-300
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NOTES:

1. MAX SIDEWALK CROSS SLOPE TO BE 2%.
2. MAX LONGITUDINAL SLOPE ALONG ADA PATH TO BE 5%.
3. CONTRACTOR TO ENSURE SMOOTH TRANSITIONS AT CONNECTION TO EXISTING GRADE.
4. ALL ADA SPACES AND ACCESS AISLES SHALL HAVE A MAX 2% SLOPE IN ALL DIRECTIONS AND MUST MEET ADA / UD STANDARDS.
5. CONTRACTOR TO PERMANENT STABILIZE AREAS OUTSIDE OF THE HARDSCAPE IMMEDIATELY AFTER FINAL GRADES ARE REACHED.

SPOT GRADE LEGEND

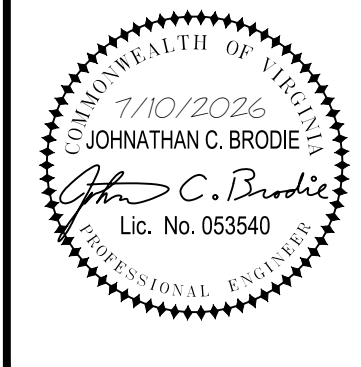
- ME = MATCH EXISTING
- FFE = FINISH FLOOR ELEVATION

MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING
GRADING AND DRAINAGE PLAN

SHEET

C-400



DATE	PROJECT	DESIGNED	DRAWN	CHECKED
07-10-2026	25117-01	K. BARGER	K. UFER	J. BRODIE

MARK	DATE	REVISIONS
DES		
BY		

BUILDING CODE DESIGN SUPPORTING DATA

PROJECT BASIC DESCRIPTION

THE PROJECT INCLUDES RENOVATION TO 6,929 SF OF THE LOWER LEVEL OF ALBERT HARRIS ELEMENTARY SCHOOL. THE RENOVATED AREA WILL BE USED FOR A NEW HEALTH CLINIC SERVING THE SCHOOL AND COMMUNITY WITH SPACES FOR FAMILY MEDICINE, BEHAVIOR HEALTH, DENTAL, AND VISION SERVICES. THE CLINIC WILL BE SECURED FROM THE REST OF THE ELEMENTARY SCHOOL AND A NEW SEPARATE ENTRANCE WILL BE PROVIDED FOR THE CLINIC WITH ADDITIONAL EGRESS UTILIZING AN EXISTING STAIRWAY EXIT. SITE WORK IS LIMITED TO THE NORTHWEST CORNER OF THE SCHOOL WITH NEW ADA PARKING SPACES PROVIDED. THERE IS NO CHANGE TO THE GROSS AREA OR HEIGHT OF THE EXISTING SCHOOL BUILDING.

A. APPLICABLE CODES

2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE, PART 1, CONSTRUCTION INCLUDING BY REFERENCE:

- 2021 VIRGINIA CONSTRUCTION CODE
- 2021 VIRGINIA EXISTING BUILDING CODE
- 2021 VIRGINIA MECHANICAL CODE
- 2021 VIRGINIA PLUMBING CODE
- 2020 NFPA 70
- 2021 VIRGINIA ENERGY CONSERVATION CODE
- 2021 VIRGINIA STATEWIDE FIRE PREVENTION CODE
- ICC A117.1 2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

B. VEBC CODE NOTES FOR EXISTING CONSTRUCTION

THE PROJECT WILL BE LEVEL 2 ALTERATION PER VEBC 601.2.2. ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE VCC PER VEBC 603.3.

C. BUILDING OCCUPANCY AND CONSTRUCTION TYPE

ASSUMED CONSTRUCTION TYPE: TYPE IIB (SPRINKLED)
EXISTING OCCUPANCY CLASSIFICATION: EDUCATION (E)

THE AREA OF RENOVATION WILL REQUIRE A CHANGE OF OCCUPANCY CLASSIFICATION FOR THE AFFECTED PORTION OF THE EXISTING BUILDING LOWER LEVEL FROM EDUCATION (E) TO BUSINESS (B). OCCUPANCIES WILL BE NONSEPARATED.

(confirm if separation needed between occupancy types)

D. BUILDING GROSS AREA AND HEIGHT

RENOVATIONS PER THE SCOPE OF THIS PROJECT WILL NOT CHANGE THE BUILDING AREA OR HEIGHT.

VEBC 706.4: WHEN A CHANGE OF OCCUPANCY CLASSIFICATION IS MADE TO AN EQUAL OR LESSER HAZARD CATEGORY AS SHOWN IN TABLE 706.2, THE HEIGHT AND AREA OF EXISTING BUILDING SHALL BE DEEMED ACCEPTABLE.

HAZARD OF OCCUPANCY CLASSIFICATION 'E': 3
HAZARD OF OCCUPANCY CLASSIFICATION 'B': 4 (LOWEST)

EXISTING BUILDING AREA

- LOWER LEVEL AREA INCLUDING AREA OF RENOVATION: 25,706
- AREA OF RENOVATION = 6,924 SF
 - FIRST FLOOR AREA: 79,792 SF
 - SECOND FLOOR AREA: 38,841 SF
- TOTAL BUILDING AREA: 144,339 SF

TOTAL ALLOWABLE HEIGHT / STORY VCC TABLE 504.3 AND 504.4 FOR OCCUPANCY TYPE B & E
HEIGHT (TYPE IIB) - 75'
STORIES (TYPE IIB) - B =4, E=3

EXISTING HEIGHT / STORY 41' / 3 STORIES

E. FIRE PROTECTION SYSTEMS

EXISTING BUILDING IS SPRINKLERED THROUGHOUT
FIRE EXTINGUISHER PER VCC 906.1

F. FIRE RESISTANCE RATING REQUIREMENTS

VCC TABLE 601 TYPE IIB

STRUCTURAL FRAME	0 HR
EXTERIOR BEARING WALLS	0 HR
INTERIOR BEARING WALLS	0 HR
EXTERIOR NON-BEARING WALLS	0 HR
INTERIOR NON-BEARING WALLS	0 HR
FLOOR/CEILING CONSTRUCTION	0 HR
ROOF/CEILING CONSTRUCTION	0 HR

EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (VCC TABLE 705.5):

NO BUILDINGS WITHIN 30FT OF EXISTING EXTERIOR WALL WHERE NEW CLINIC ENTRANCE IS BEING PROVIDED. ALL OTHER FENESTRATION IS EXISTING TO REMAIN.

FIRE BARRIER WALLS	EXISTING 2 HR
STAIR SHAFT	EXISTING 2 HR
ELEVATOR SHAFT	NOT APPLICABLE
CORRIDOR FIRE RATING TABLE 1020.2	0 HR WITH SPRINKLER

ROOF COVERING CLASSIFICATION	NOT APPLICABLE (NO ROOF WORK PART OF SCOPE)
INTERIOR FINISHES TABLE VCC 803.13	CLASS B AND CLASS C DEPENDING ON FUNCTION

H. MEANS OF EGRESS VEBC 705.4 AND VCC CHAPTER 10

THE MEANS OF EGRESS SERVING THE AREA OF THE CHANGE OF OCCUPANCY SHALL MEET THE EGRESS CAPACITY AND OCCUPANT LOAD BASED ON MEANS OF EGRESS PROVISIONS IN CHAPTER 10 OF THE VCC FOR THE NEW OCCUPANCY (B).

TRAVEL DISTANCE: VCC TABLE 1017.2 - OCCUPANCY GROUP B, 300' WITH SPRINKLER SYSTEM

COMMON PATH OF TRAVEL: VCC TABLE 1006.2.1 - 100' WITH SPRINKLER SYSTEM

MINIMUM CORRIDOR WIDTH: VCC TABLE 1020.3 - 44"

DEADENDS: VEBC 705.3.2, EXCEPTION 4 - IN OTHER THAN GROUPS A AND H OCCUPANCIES, THE MAXIMUM LENGTH OF AN EXISTING, NEWLY CONSTRUCTED, OR EXTENDED DEAD-END CORRIDOR SHALL NOT EXCEED 50 FEET ON FLOORS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH THE VCC.

EGRESS CAPACITY	
STAIRWAYS:	NOT APPLICABLE
OTHER EGRESS COMPONENTS	0.15 PER OCCUPANT VCC 1005.3.2 EXCEPTION 1

OCCUPANT LOAD FOR BUSINESS OCCUPANCY (VCC TABLE 1004.5)	
DESIGN OCCUPANCY	83 OCCUPANTS

EGRESS CAPACITY - REQUIRED	13"
PROVIDED	64"

EXITS PER STORY: VCC 1006.3.3	2 MIN FOR OCCUPANT LOAD 1-500
	2 EXITS PROVIDED

I. 2021 VIRGINIA ENERGY CONSERVATION CODE - NEW CONSTRUCTION

CITY OF MARTINSVILLE, CLIMATE ZONE 4A

BUILDING ENVELOPE REQUIREMENTS - OPAQUE ASSEMBLIES (VECC TABLE 402.1.3)

NO NEW EXTERIOR WALL WITHIN SCOPE OF THIS PROJECT

BUILDING ENVELOPE FENESTRATION

VEBC 601.4.4 - NEW FENESTRATION WITHIN EXISTING EXTERIOR WALL WILL COMPLY WITH REQUIREMENTS OF THE VECC TABLE C402.4

U-FACTOR:

FIXED FENESTRATION - U-FACTOR 0.36
ENTRANCE DOOR - U-FACTOR 0.63

SHGC:

PROJECTION FACTOR CALCULATION (4'-0" / 9'-6" = 0.42)
PROJECTION FACTOR FIXED (0.25 <= 0.42 PF < 0.5) = 0.43
PROJECTION FACTOR OPERABLE (0.25 <= 0.42 PF < 0.5) = 0.40
SKYLIGHTS = N/A

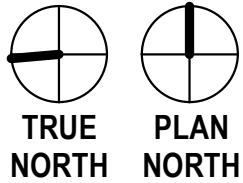
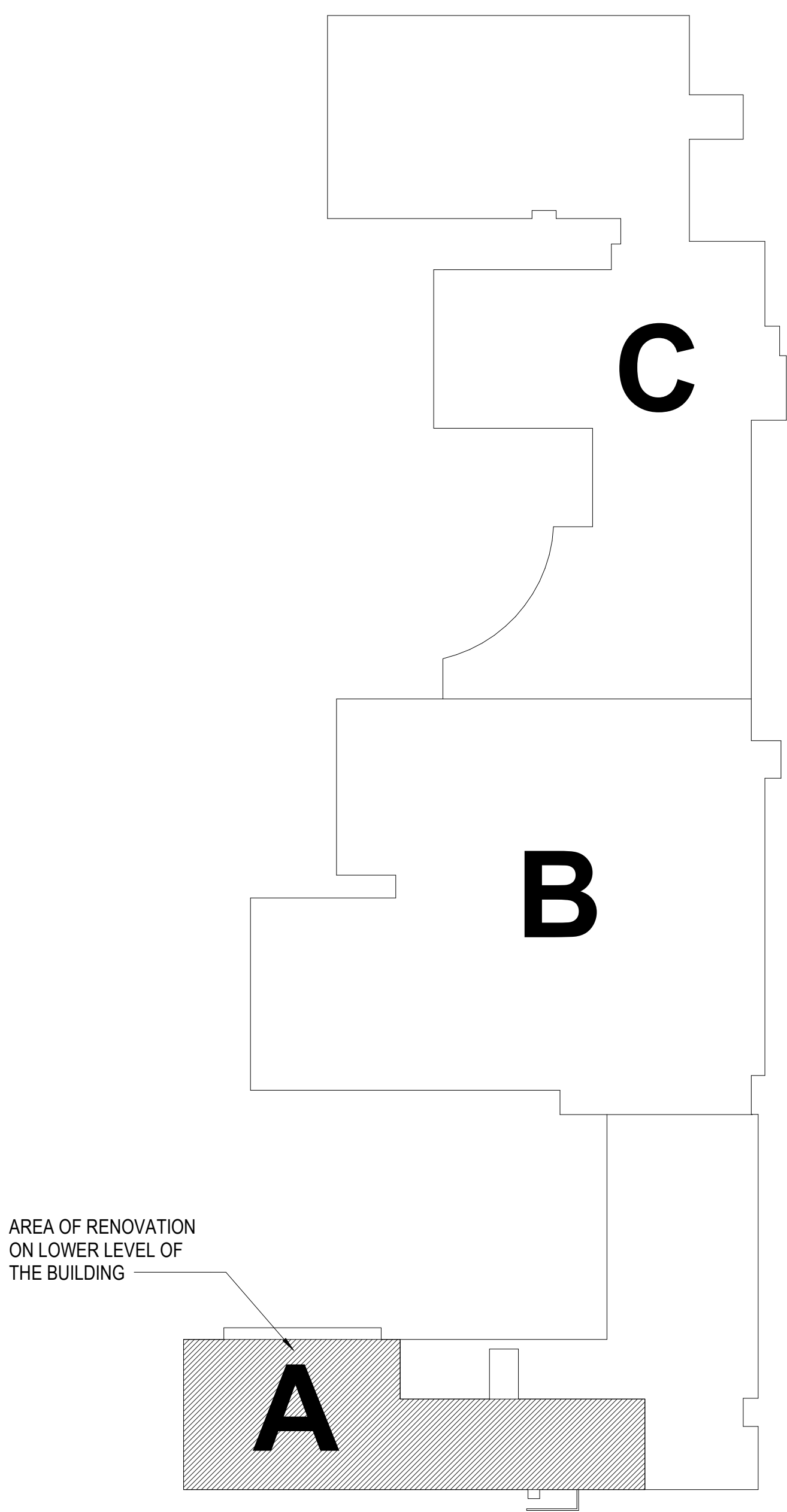
J. PLUMBING FIXTURE COUNT VPC TABLE 403.1

REQUIRED FOR USE GROUP B

WATER CLOSETS - 3
LAVATORIES - 2
DRINKING FOUNTAINS - 1
SERVICE SINK - 1

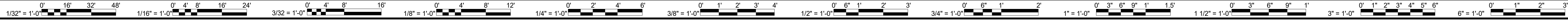
PROVIDED PLUMBING FIXTURE COUNT IN DESIGN FOR USE GROUP B

WATER CLOSETS - 3
LAVATORIES - 3
DRINKING FOUNTAINS - 2
SERVICE SINK - 1



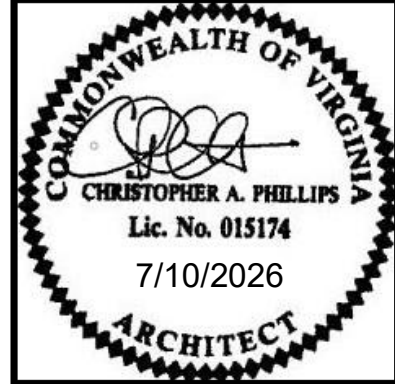
WORK AREA PLAN

NOT TO SCALE



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DATE	BY	DES
07-10-2026	25117-01	ACH	COR/ACH	DRU			

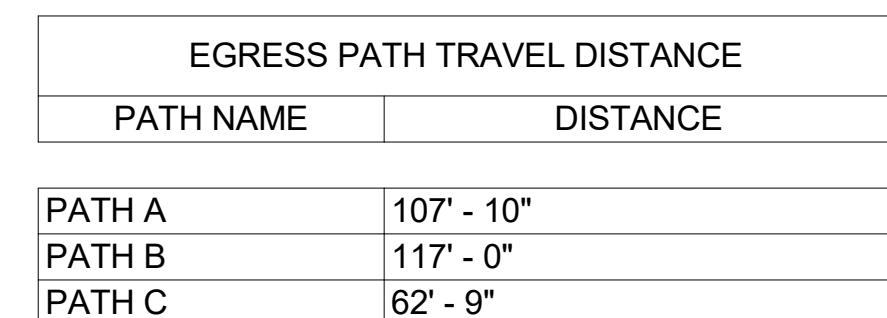
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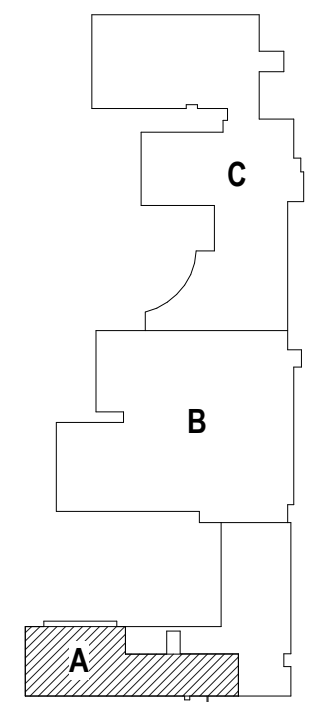
PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LIFE SAFETY

SHEET
LS100

EXISTING TWO HOUR FIRE BARRIER	NON-FIRE RATED PARTITION, REFER TO SHEET A-002 FOR PARTITION TYPES LEGEND.
60 MIN RATED DOOR AND FRAME ASSEMBLY	APPROXIMATE MAXIMUM TRAVEL DISTANCE
CODE OCCUPANCY DESIGN OCCUPANCY	RECESSED FIRE EXTINGUISHER & CABINET- REFER TO DETAILS, SHEET LS101 - AND SPECIFICATIONS
ROOM SQUARE FOOTAGE	CALCULATED OCCUPANCY LOAD AT EXIT LOCATION
EGRESS CAPACITY IN PERSONS FOR OPENING SHOWN	



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

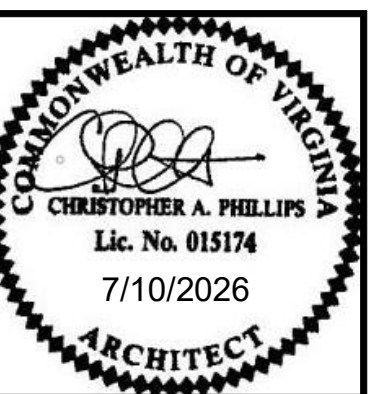


LIFE SAFETY

LS101

DATE	07-10-2026
PROJECT	25117-01
DESIGNED	ACH
DRAWN	COR/ACH
CHECKED	DRJ

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Roanoke, Virginia 24011 C
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MARK	DATE	BY	DES

GENERAL DEMOLITION AND REPAIR NOTES

(APPLIES TO THIS SHEET ONLY)

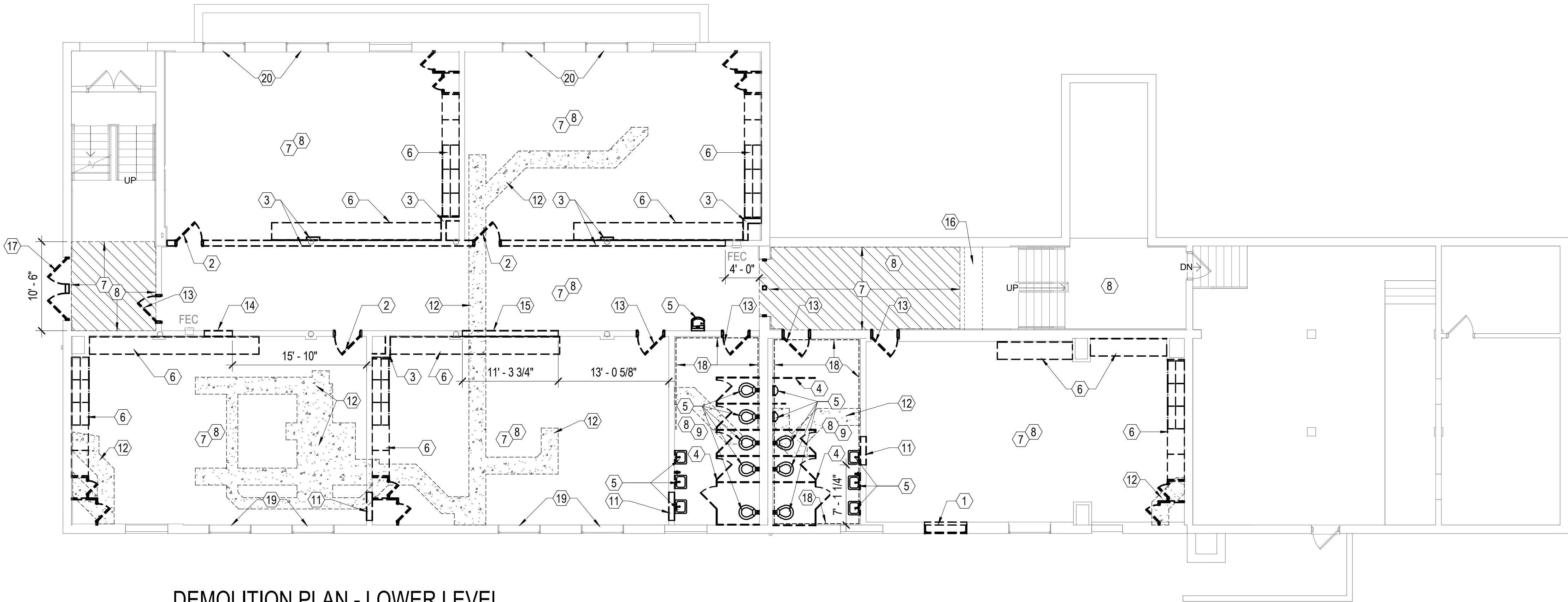
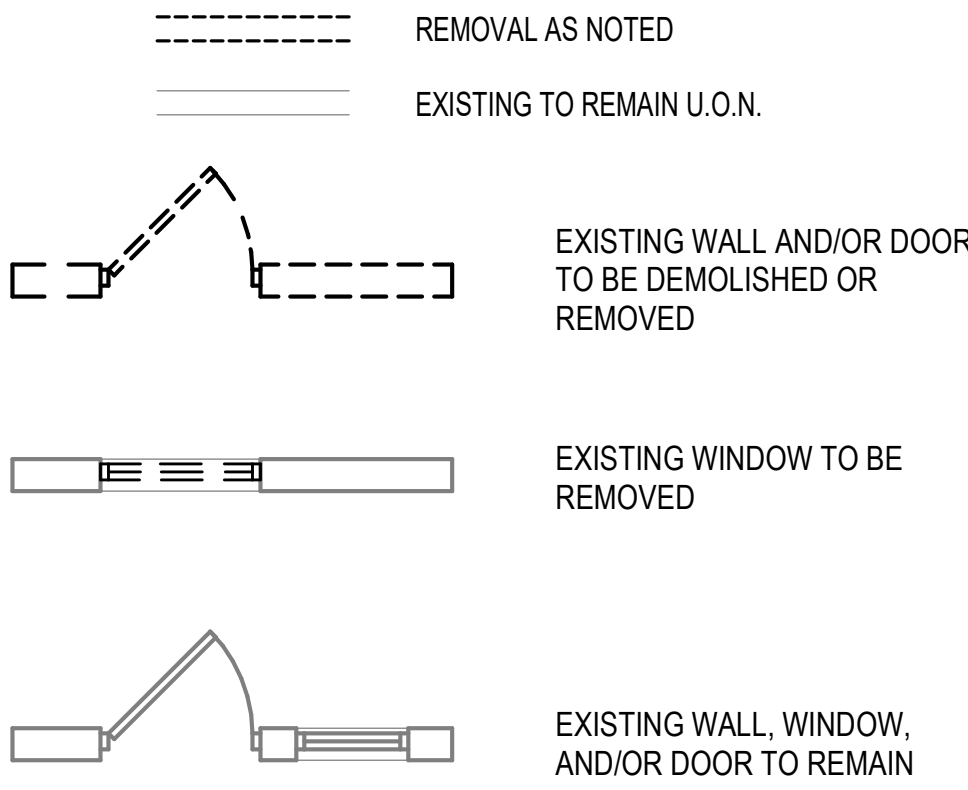
- A. FINISH FLOOR REFERENCE (0'-0") IS FOR THE EXISTING LOWER LEVEL.
- B. PLAN DIMENSIONS FOR EXISTING CONDITIONS ARE TO FACE OF CONCRETE / MASONRY OR FINISHED FACE OF STUD PARTITION, UNLESS OTHERWISE NOTED. THICKNESS OF MASONRY BASED ON NOMINAL SIZES. ALL DIMENSIONS SHOWN FOR EXISTING CONSTRUCTION ARE APPROXIMATE: FIELD VERIFY ALL DIMENSIONS.
- C. ALL DEMOLITION WORK NOTED ON THESE DRAWINGS INVOLVES THE REMOVAL OF EXISTING CONSTRUCTION UNDER THE CONTRACT, AND SHALL BE COORDINATED WITH CORRESPONDING NEW WORK FLOOR PLANS AND DETAILS. REMOVE EXISTING CONSTRUCTION AS INDICATED FOR FINISH CONSTRUCTION AND NEW WORK TO CONFORM TO THE DETAILS.
- D. DETAILS OF EXISTING CONDITIONS: ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY FROM THOSE INDICATED IN DRAWINGS. ALL WORK THAT RELATES TO, OR IS IN ANY WAY AFFECTED BY, EXISTING CONDITIONS WHICH VARY FROM THOSE INDICATED SHALL BE MODIFIED AS REQUIRED BY FIELD CONDITIONS AND MEASUREMENTS. REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING W/ AFFECTED ASPECTS OF CONSTRUCTION OR DEMOLITION.
- E. REFER TO PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
- F. LOOSE FURNITURE, EQUIPMENT, SUPPLIES AND PERSONAL BELONGINGS LOCATED IN SPACES TO BE RENOVATED SHALL BE REMOVED AND RELOCATED BY OWNER (NIC).
- G. ITEMS IDENTIFIED TO BE SALVAGED ("REMOVE AND DELIVER TO OWNER") SHALL BE CAREFULLY REMOVED AND DELIVERED TO A STORAGE AREA DESIGNATED BY THE OWNER FOR THIS PURPOSE. ITEMS OWNER CHOOSES TO RETAIN SHALL BE RELOCATED FROM THE STORAGE AREA BY OWNER (NIC).
- H. REFER TO MECHANICAL DRAWINGS FOR REMOVAL OF THRU-WALL MECHANICAL GRILLES, REGISTERS AND DUCTWORK. IF IN MASONRY WALLS REMOVE MASONRY TO NEAREST MORTAR JOINTS TO PERMIT "TOOTHING IN" OF INFILL MASONRY TO MATCH EXISTING COURSING.
- I. PREPARE FLOOR FOR NEW FINISHES SCHEDULED IN ACCORDANCE WITH MFR'S RECOMMENDATIONS FOR FINISH SUBSTRATE. FILL VOIDS AND CRACKS IN CONCRETE.
- J. THE DEMOLITION DWGS INDICATE MAJOR ITEMS TO BE DEMOLISHED. MISCELLANEOUS ABANDONED CONDUIT, WALL PENETRATIONS (IE, SCREWS, NAILS MASONRY ANCHORS), WOOD BLKG AND OTHER VARIOUS ITEMS FASTENED TO EXISTING WALLS MAY NOT BE INDICATED ON THE DWGS, REMOVE SUCH ITEMS THAT ARE NOT USED IN, OR CONCEALED BY, NEW WORK, PATCH AND REPAIR DAMAGE TO THE WALLS WHERE SUCH ITEMS ARE REMOVED. FINISH FLUSH WITH NO VISIBLE SEAMS.
- K. PREPARE WALLS FOR NEW FINISHES SCHEDULED IN ACCORDANCE WITH MFR'S RECOMMENDATIONS FOR FINISH SUBSTRATE. FILL VOIDS AND CRACKS AS REQUIRED. FINISH FLUSH WITH NO VISIBLE SEAMS.
- L. REFER TO GENERAL NOTES ON SHEET A101.
- M. TOILET ACCESSORIES, PROJECTORS, TACKBOARDS, MARKERBOARDS, AND DISPLAY RAILS WILL BE REMOVED AND SALVAGED BY OWNER (NIC). CONTRACTOR SHALL PATCH AND REPAIR WALL.

DEMOLITION KEYNOTES

(APPLIES TO THIS SHEET ONLY)

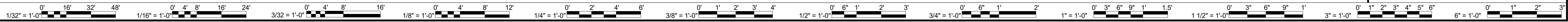
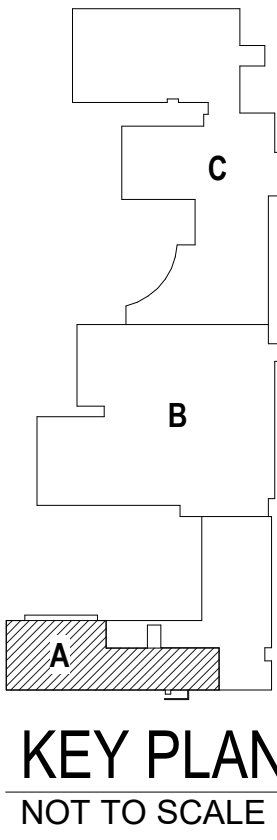
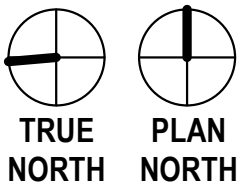
1. REMOVE WINDOW. DEMOLISH PORTION OF EXTERIOR CONCRETE WALL AND GWB/FURRING BELOW THE WINDOW SILL FOR FULL WIDTH OF WINDOW OPENING. DEMOLISH CONCRETE WALL EXTENT TO 2" BELOW TOP OF CONC SLAB. REFERENCE NEW OPENING SILL DETAIL B4/A-604
2. DOOR LEAF AND HARDWARE WILL BE REMOVED AND SALVAGED BY OWNER (NIC). CONTRACTOR SHALL REMOVE FRAME COMPLETE.
3. REMOVE MTL STUD / GWB PARTITION. PATCH AND REPAIR WALL AND CONCRETE SLAB WHERE REMOVED.
4. REMOVE TOILET PARTITIONS COMPLETE. SALVAGE PARTITIONS AND HARDWARE COMPONENTS AND RETURN TO OWNER.
5. REMOVE EXIST PLUMBING FIXTURE AS INDICATED - SALVAGE FIXTURE AND RETURN TO OWNER.
6. REMOVE EXISTING CASEWORK COMPLETE.
7. REMOVE EXIST VCT FLOORING COMPLETE WITHIN THIS SPACE (OR FOR EXTENT INDICATED WITHIN HATCHED AREA) AND WALL BASE IF APPLICABLE. PREPARE EXIST SUBSTRATE TO RECEIVE NEW FLOOR FINISH.
8. REMOVE SUSPENDED ACT CEILING SYSTEM COMPLETE THIS SPACE.
9. REMOVE QUARRY TILE FLOOR FINISH AND CERAMIC TILE WAINSCOT WITHIN THIS SPACE. REPLACE GWB IF DAMAGED BY CERAMIC TILE WAINSCOT REMOVAL. PREPARE EXISTING FLOOR SUBSTRATE TO RECEIVE NEW FINISH. COORDINATE WITH DEMOLITION NOTE 18.
10. REMOVE STUD / GWB BULKHEAD ABOVE CASEWORK.
11. DEMOLISH PORTION OF STUD / GWB PARTITION IN PREPARATION FOR NEW SCHEDULED DOOR OPENING. COORDINATE WITH NEW OPENING SIZE DIMENSIONS INDICATED IN THE ARCHITECTURAL DOOR SCHEDULE. PATCH AND REPAIR ADJACENT WALLS AND FLOOR TO REMAIN.
12. SAW CUT PORTION OF EXISTING CONC SLAB-ON-GRADE AS REQUIRED FOR NEW UNDER SLAB PLUMBING AND ELEC UTILITY WORK. COORDINATE LOCATION WITH PLUMBING AND ELEC DRAWINGS. REFER TO SHEET A-003 FOR CONCRETE SLAB INFILL DETAIL AND NOTES.
13. DOOR LEAF AND HARDWARE WILL BE REMOVED AND SALVAGED BY OWNER (NIC). HM FRAME TO REMAIN AND FIELD VERIFY SIZE TO RECEIVE NEW DOOR LEAF AND HARDWARE.
14. DEMOLISH PORTION OF STUD/GWB PARTITION FOR NEW 3'-4" CLR X 7'-0"CLR OPENING
15. REMOVE PORTION OF MTL STUD PARTITION FULL HEIGHT AND TO LENGTH INDICATED.
16. EXISTING MTL STUD/GWB BULKHEAD ABOVE TO REMAIN.
17. REMOVE HM FRAME DOOR/TRANSOM WDW COMPLETE. SALVAGE DOOR LEAFS AND HARDWARE AND RETURN TO OWNER.
18. AFTER REMOVAL OF CERAMIC WALL TILE WAINSCOT PER NOTE 9, REMOVE GWB COMPLETE FROM FACE OF METAL STUD PARTITION WHERE NEW WORK INDICATES INSTALLATION OF NEW TILE BACKER BOARD AND PORCELAIN TILE.
19. REMOVE WOOD SILL AND APRON AT WINDOW OPENING.
20. REMOVE GLAZED BLOCK SILL AT WINDOW OPENING.

DEMOLITION LEGEND



DEMOLITION PLAN - LOWER LEVEL

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



MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LOWER LEVEL DEMOLITION PLAN

SHEET
AD100

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DRU
07-10-2026	25117-01	ACH	CORACH		

RRMM
ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011
(540)344-1212



DES	BY	MARK	DATE	REVISIONS

7/7/2026 11:44:42 AM Autodesk Docs://25117-01 Albert Harris ES/25117-01 v26 Albert Harris ES - ARCH.rvt

ABBREVIATIONS

#	NUMBER	CONN	CONNECTION	FND	FEMININE NAPKIN DISPENSER	LLH	LONG LEG HORIZONTAL			TPT	TEXTURED PAINT
&, +	AND	CONST	CONSTRUCTION	FOC	FACE OF CONCRETE	LLV	LONG LEG VERTICAL	QT	QUARRY TILE	TRTD	TREATED
+/-	PLUS OR MINUS	CONT	CONTINUOUS	FOM	FACE OF MASONRY	LP	LOW POINT	QTY	QUANTITY	TSC	TEACHERS STORAGE CABINET
@	AT	CONTR	CONTRACT, CONTRACTOR	FOS	FACE OF STUDS	LTG	LIGHTING			TTD	TOILET TISSUE DISPENSER
°	DEGREES	CORR	CORRUGATED	FP	FIREPROOF	LTL	LINTEL	R	RISER, RIDGE	TV	TELEVISION
Ø	DIAMETER	CPT	CARPET	FPL	FIREPLACE	LVR	LOUVER	R/W	RIGHT OF WAY	TW	TEACHERS WARDROBE
Ω	ARC LENGTH	CRS	COURSE. COURSES	FR	FIRE RATED	LW	LIGHTWEIGHT	RA	RETURN AIR	TYP	TYPICAL
		CSMT	CASEMENT	FRG	(GLASS) FIBER REINFORCED GYPSUM			RAD	RADIUS		
A/C	AIR CONDITIONING	CSWK	CASEWORK	FRM	FRAME, FRAMED	M	METER	RAS	RESILIENT ATHLETIC SURFACING	UC	UNDERCUT
AB	ANCHOR BOLT	CT	CERAMIC TILE	FRMG	FRAMING	M/S	MOP SINK	RB	RESILIENT BASE	UG	UNDER GROUND
ABV	ABOVE	CTB	CERAMIC TILE BASE	FRP	FIBERGLASS REINFORCED PLASTIC	MACH	MACHINE	RCP	REFLECTED CEILING PLAN	UH	UNIT HEATER
ACM	ASBESTOS CONTAINING MATERIAL	CU FT	CUBIC FEET	FRT	FIRE RETARDANT TREATED	MAINT	MAINTENANCE	RD	ROOF DRAIN	UNF	UNFINISHED
ACP	ACOUSTIC CEILING PANEL	CU YD	CUBIC YARD	FT	FOOT, FEET	MANUF	MANUFACTURE, MANUFACTURER	RECP	RECEPTACLE	UON	UNLESS OTHERWISE NOTED
ACT	ACOUSTIC CEILING TILE	CUH	CABINET UNIT HEATER	FTG	FOOTING	MAR	MARBLE	REF	REFERENCE		
ADDN	ADDITION	CW	COLD WATER	FUM	FUME HOOD	MAS	MASONRY	REFRIG	REFRIGERATOR	V	VOLT, VALLEY
ADH	ADHESIVE	CWFP	CEMENTITIOUS WOOD FIBER PANELS	FUR	FURRED, FURRING	MATL	MATERIAL	REINF	REINFORCE, REINFORCED, REINFORCING	VAC	VACUUM
ADJ	ADJUSTABLE			FURN	FURNITURE	MAX	MAXIMUM	REM	REMOVE	VAR	VARNISH
AFF	ABOVE FINISH FLOOR	D	DEEP, DEPTH, DRAIN	FURR	FURRING	MB	MARKERBOARD	REQD	REQUIRED	VB	VENTED BASE
AGG	AGGREGATE	DBL	DOUBLE			MBR	MODIFIED BITUMEN ROOF	REQMT	REQUIREMENT	VCT	VINYL COMPOSITION TILE
AHU	AIR HANDLING UNIT	DEMO	DEMOLITION	G	GAS	MECH	MECHANIC, MECHANICAL	RESIL	RESILIENT	VEN	VENEER
AL	ALUMINUM	DET / DTL	DETAIL	GA	GAUGE	MED	MEDIUM	RET	RETURN	VERT	VERTICAL
ALT	ALTERNATE	DF	DRINKING FOUNTAIN	GAL	GALLON	MEMB	MEMBRANE	REV	REVISION, REVISIONS, REVISED	VEST	VESTIBULE
AMP, A	AMPERE	DH	DOUBLE HUNG	GALV	GALVANIZED	MH	MANHOLE	RFG	ROOFING	VR	VAPOR RETARDER
ANCH	ANCHOR, ANCHORAGE	DIA	DIAMETER	GB	GRAB BAR	MIN	MINIMUM	RFL	REFLECT, REFLECTED, REFLECTIVE	VT	VINYL TILE
ANOD	ANODIZED	DIAG	DIAGONAL	GC	GENERAL CONTRACT, CONTRACTOR	MIR	MIRROR	RH	RIGHT HAND	VTR	VENT THRU ROOF
AP	ACCESS POINT	DIM	DIMENSION	GCMU	GLAZED FIBER REINFORCED CONCRETE	MISC	MISCELLANEOUS	RL	RAIN LEADER	VWC	VINYL WALL COVERING
APC	ARCHITECTURAL PRECAST CONCRETE	DISP	DISPOSAL	GEN	GENERAL	MLD	MOLDING	RM	ROOM	W	WEST, WIDE, WIDTH
APPROX	APPROXIMATE	DIV	DIVISION	GFRC	GLASS FIBER REINFORCED CONCRETE	MM	MILLIMETER	RO	ROUGH OPENING	W/	WITH
AR	ABUSE RESISTANT	DL	DEAD LOAD	GL	GLASS, GLAZING	MO	MASONRY OPENING	RSHT	RESILIENT SHEET	W/O	WITHOUT
ARCH	ARCHITECT, ARCHITECTURAL	DMT	DEMOUNTABLE	GPM	GALLONS PER MINUTE	MOD	MODIFIED	RT	RUBBER TILE / RUBBER TREAD	WAIN	WAINSCOT
ASB	ASBESTOS	DN	DOWN	GR	GRADE / GROUT	MOV	MOVABLE	RTU	ROOF TOP UNIT	WB	WOOD BASE
ASPH	ASPHALT	DPG	DAMPPROOFING	GSU	GLAZED STRUCTURAL UNIT	MR	MAP RAIL			WC	WATER CLOSET
ATTEN	ATTENUATION	DPR	DISPENSER	GWB	GYPSUM WALLBOARD	MT	MOUNT	S	SOUTH	WD	WOOD / WOOD FLOORING
AUTO	AUTOMATIC	DR	DOOR, DISPLAY RAIL	GWT	GLAZED WALL TILE	MTD	MOUNTED, MOUNTING	S/S	STAINLESS STEEL, SERVICE SINK	WDB	WOOD BASE
AVG	AVERAGE	DS	DOWNSPOUT	GYP	GYPSUM	MTL	METAL	SAB	SOUND ATTENUATION BLANKET	WDW	WINDOW
AWP	ACOUSTIC WALL PANEL	DWG	DRAWING			MULL	MULLION	SAN	SANITARY SEWER	WGL	WIRE GLASS
		DWR	DRAWER	H	HIGH	MWP	MEMBRANE WATERPROOFING	SAPC	SUSPENDED ACOUSTIC PANEL CEILING	WH	WATER HEATER
BC	BOTTOM OF CURB			H/C	HANDICAPPED			SC	SOLID CORE, SEALED CONCRETE	WI	WROUGHT IRON
BD	BOARD	E	EAST	HB	HOSE BIB	N	NORTH	SCHED	SCHEDULE	WMS	WIRE MANAGEMENT SLOT
BEJ	BUILDING EXPANSION JOINT	EA	EACH	HC	HOLLOW CORE	N/C	NO CHARGE	SCW	SOLID CORE WOOD	WP	WATERPROOFING
BETW	BETWEEN	EF	EXHAUST FAN	HD	HAND	NAT	NATURAL	SD	SOAP DISPENSER, STORM DRAIN	WPT	WORKING POINT
BIT	BITUMINOUS	EFS	EXTERIOR FINISH SYSTEM	HDBD	HARDBOARD	NIC	NOT IN CONTRACT	SEC	SECTION	WR	WASTE RECEPTACLE
BL	BLEACHER FINISH	EIFS	EXTERIOR INSULATION FINISH SYSTEM	HDWD	HARDWOOD	NO	NUMBER	SF	SQUARE FEET	WT	WEIGHT
BLDG	BUILDING	EJ	EXPANSION JOINT	HDWR	HARDWARE	NOM	NOMINAL	SFGL	SAFETY GLASS	WWF	WELDED WIRE FABRIC
BLK	BLOCK	ELAS	ELASTOMERIC	HGT	HEIGHT	NRC	NOISE REDUCTION COEFFICIENT	SHLVG	SHELVING	WWM	WELDED WIRE MESH
BLKG	BLOCKING	ELEC	ELECTRICAL	HM	HOLLOW METAL	NTS	NOT TO SCALE	SHM	SECURITY HOLLOW METAL		
BM	BEAM	ELEV	ELEVATION, ELEVATOR	HORIZ	HORIZONTAL			SHT	SHEET		
BO	BOTTOM OF	EM	ENTRANCE MAT	HP	HIGH POINT	OA	OVERALL	SHTH	SHEATHING		
BOT, B	BOTTOM	EMER	EMERGENCY	HR	HOOR	OBS	OBSURE	SIM	SIMILAR		
BRG	BEARING	ENCL	ENCLOSE, ENCLOSURE	HTG	HEATING	OC	ON CENTER	SLR	SEALER		
BRK	BRICK	EP	ELECTRICAL PANELBOARD	HVAC	HEATING, VENTILATION AND AIR CONDITIONING	OD	OUTSIDE DIAMETER	SN	STAGE NOSE		
BS	BOTH SIDES	EPDM	ETHYLENE PROPYLENE DIENE MONOMER			OF/CI	OWNER FURNISHED / CONTRACTOR INSTALLED	SND	SANITARY NAPKIN DISPOSER		
BSMT	BASEMENT			HW	HOT WATER			SOF	SPRAY-ON FIREPROOFING		
BTWN, B/W	BETWEEN	EPS	EXPANDED POLYSTYRENE	HWH	HOT WATER HEATER	OH	OVERHEAD	SPEC	SPECIFICATION, SPECIFICATIONS		
BUR	BUILT-UP ROOFING	EPX	EPOXY			OPNG	OPENING	SPK	SPEAKER		
BVL	BEVELED	EQ	EQUAL	ID	INSIDE DIAMETER	OPP	OPPOSITE	SQ	SQUARE		
		EQUIP	EQUIPMENT	IN	INCH			SS	SOLID SURFACE		
C	CARPET	EST	ESTIMATE	INCL	INCLUDE, INCLUDED, INCLUDING	P	PLATE	ST	STAIN, STONE		
CAB	CABINET	EWC	ELECTRIC WATER COOLER	INFO	INFORMATION	PAR	PARALLEL	STC	SOUND TRANSMISSION CLASS		
CAP	CAPACITY	EXCA	EXCAVATE	INST	INSTALLATION	PART	PARTIAL	STD	STANDARD		
CB	CHALKBOARD	EXH	EXHAUST	INSUL	INSULATE, INSULATED, INSULATION	PC	PRE-CAST, PIECE	STFT	STOREFRONT		
CC	CUBICAL CURTAIN	EXIST	EXISTING	INT	INTERIOR	PED	PEDESTAL	STL	STEEL		
CCTV	CLOSED CIRCUIT TELEVISION	EXP	EXPOSED / EXPANSION	INTRLK	INTERLOCK	PERF	PERFORATE (D)	STOR	STORAGE		
CEM	CEMENT	EXP C	EXPANSION CONSTRUCTION	INV	INVERT	PERM	PERIMETER	STRUC	STRUCTURAL		
CEM TOP	CEMENT TOPPING	EXT	EXTERIOR			PIP	POURED IN PLACE	SUB	SUBSTITUTE		
CER	CERAMIC			JAN	JANITOR	PL	PROPERTY LINE / PLASTIC LAMINATE	SUSP	SUSPENDED		
CF	CUBIC FOOT	FAB	FABRICATE	JB	JUNCTION BOX	PLAM	PLASTIC LAMINATE	SYM	SYMMETRICAL, SYMMETRY		
CFLSHG	COUNTER FLASHING	FAS	FASTEN, FASTENER	JC	JANITOR CLOSET	PLAS	PLASTER	SYN	SYNTHETIC		
CFM	CUBIC FEET PER MINUTE	FB	FACE BRICK	JCT	JUNCTION	PLUMB	PLUMBING	SYS	SYSTEM		
CG	CORNER GUARD	FCVD	FLASH COVED	JST	JOIST	PLYWD	PLYWOOD				
CHAM	CHAMFER	FD	FLOOR DRAIN, FIRE DAMPER	JT	JOINT	PNL	PANEL	T	TREAD		
CI	CAST IRON	FDN	FOUNDATION			POLY	POLYURETHANE	T&B	TOP & BOTTOM		
CIP	CAST IN PLACE	FE	FIRE EXTINGUISHER	KIT	KITCHEN	PORT	PORCELAIN TILE	TB	TACK BOARD		
CIR	CIRCLE	FEC	FIRE EXTINGUISHER CABINET	KO	KNOCKOUT	PORTB	PORCELAIN TILE BASE	TEL	TELEPHONE		
CJ	CONTROL JOINT	FEJ	FLOOR EXPANSION JOINT	KV	KILOVOLT	PPT	PRESERVATIVE PRESSURE TREATED	TEMP	TEMPORARY, TEMPERED		
CK	CAULK, CAULKING	FF	FINISH FLOOR	KVA	KILOVOLT AMPERE	PR	PAIR	TERR	TERRAZZO		
CLG	CEILING	FFE	FINISH FLOOR ELEVATION	KW	KILOWATT	PREFAB	PREFABRICATE, PREFABRICATED	TG	TONGUE & GROVE		
CLO	CLOSET	FG	FIBER REINFORCED GYPSUM BOARD			PREFIN	PRE-FINISHED	THK	THICK, THICKNESS		
CLR	CLEAR	FGL	FIBERGLASS	L	LENGTH, LONG, LOW	PRJ SC	PROJECTION SCREEN	THRES	THRESHOLD		
CM	CENTIMETER, CENTIMETERS	FH	FIRE HYDRANT	LAB	LABORATORY	PRT	PORCELAIN TILE	THRU	THROUGH		
CMP	CORRUGATED METAL PIPE	FHC	FIRE HOSE CABINET	LAM	LAMINATE	PS	PENCIL SHARPENER	TO	TOP OF		
CMU	CONCRETE MASONRY UNIT	FIN	FINISH, FINISHED	LAV	LAVATORY	PSF	POUNDS PER SQUARE FOOT	TOC	TOP OF CURB		
CNTR	COUNTER	FIX	FIXTURE	LB	POUND	PSI	POUNDS PER SQUARE INCH	TOM	TOP OF MASONRY		
CO	CLEAN OUT	FLEX	FLEXIBLE	LF	LINEAR FEET	PT	PAINT	TOS	TOP OF STEEL		
COL	COLUMN	FLR	FLOOR	LG	LAMINATED GLASS	PTD	PAINTED	TOW	TOP OF WALL		
COMM	COMMUNICATION	FLSHG	FLASHING	LH	LEFT HAND	PTN	PARTITION	TP	TOILET PARTITION		
COMP	COMPOSITE	FLUOR	FLUORESCENT	LIN	LINEAR	PVC	POLYVINYL CHLORIDE / PVC EDGE BAND				
CONC	CONCRETE	FLUR	FLUORESCENT	LK	LOCKER	PVMT	PAVEMENT				

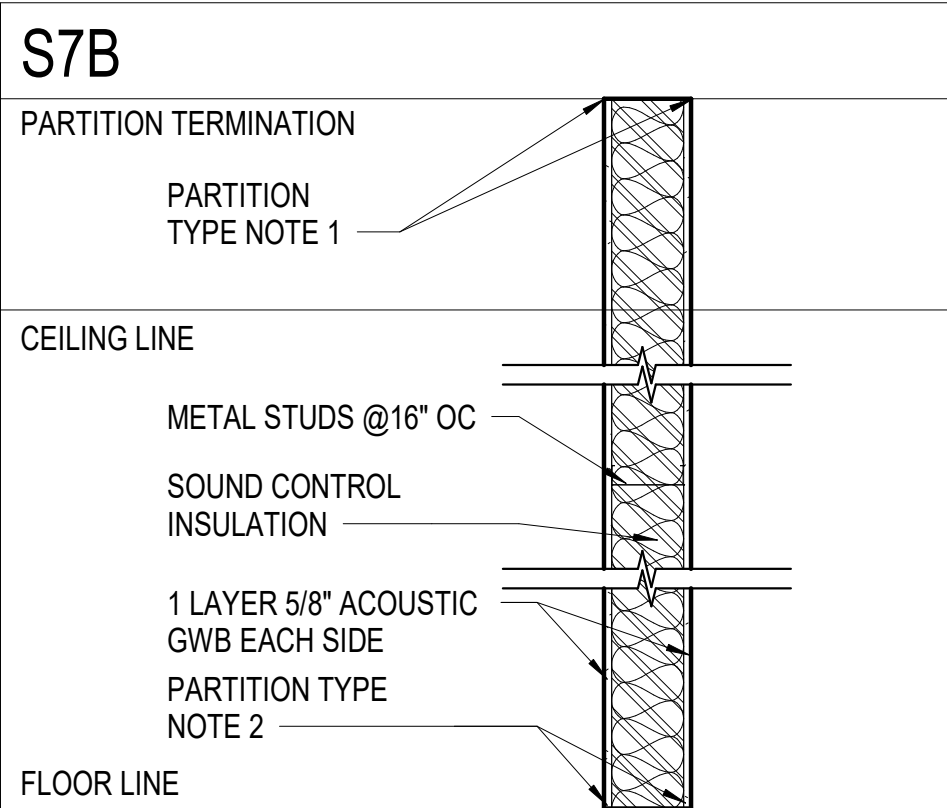


PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING ARCHITECTURAL GENERAL INFORMATION

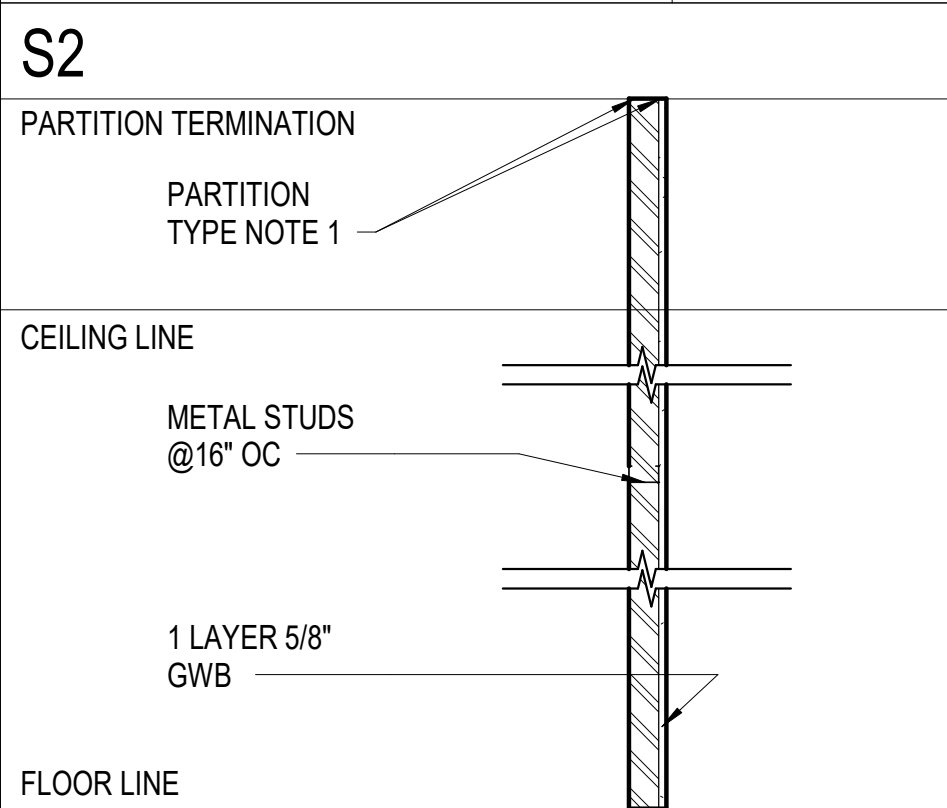
SHEET
A-001

DATE	07-10-2026	PROJECT	25117-01	DESIGNED	ACH	DRAWN	COR/ACH	CHECKED	DRU
MARK	DATE	BY	DES	REVISIONS					

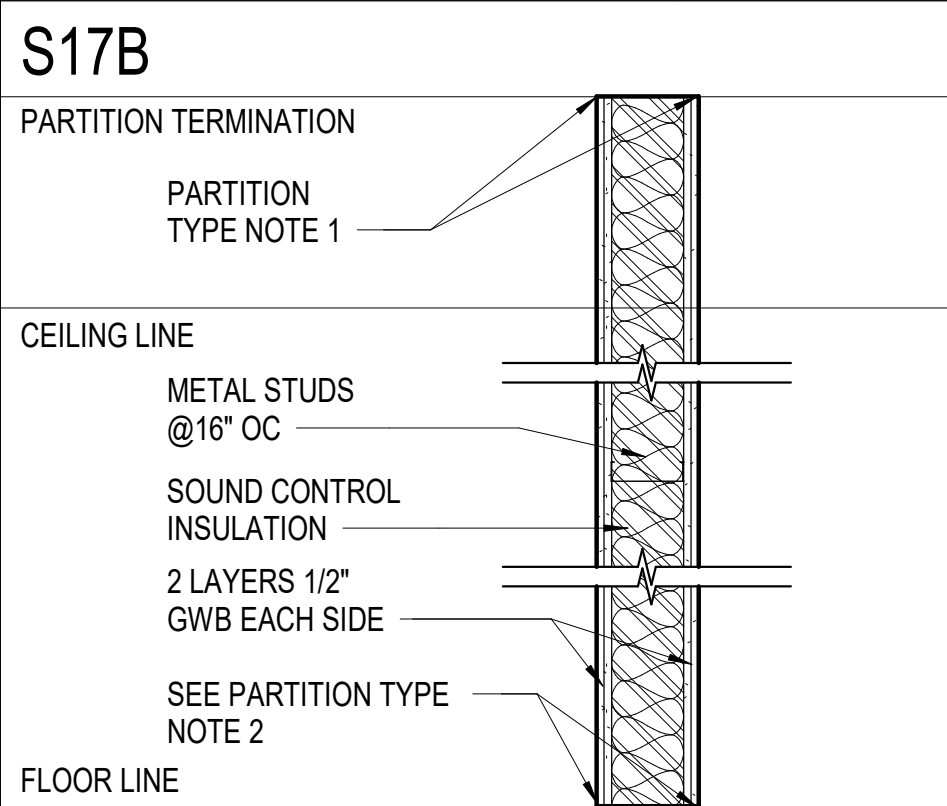
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ACTUAL DIMENSION 'X'	7 1/4"
STUD SIZE	6"
CMU SIZE	-



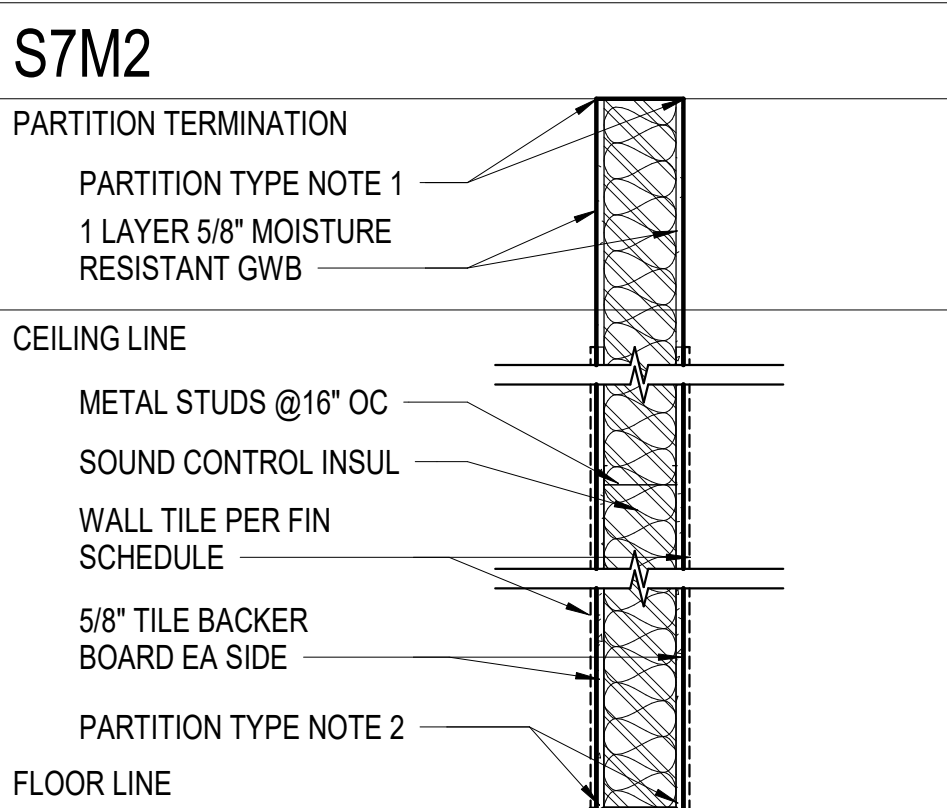
ACTUAL DIMENSION 'X'	3 1/8"
STUD SIZE	2 1/2"
CMU SIZE	-



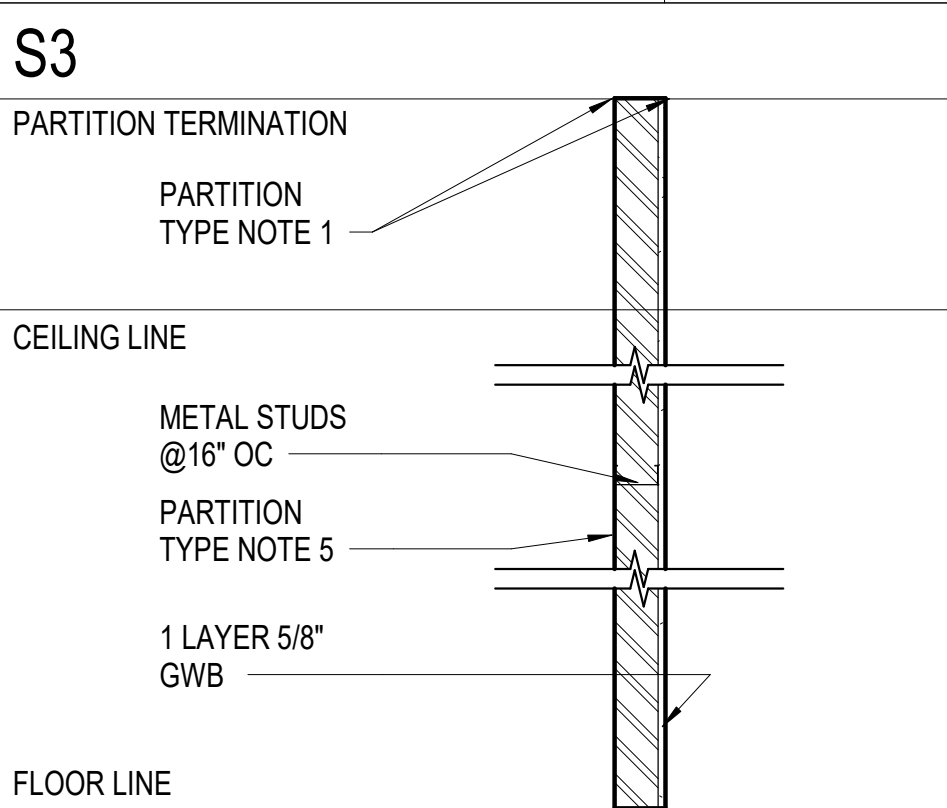
NOTE: PARTITION TO MATCH EXISTING STUD FRAME CONSTRUCTION. VERIFY IN FIELD GWB THICKNESS (LAYERS), AND STUD SIZE	
ACTUAL DIMENSION 'X'	8"
STUD SIZE	6"
CMU SIZE	-

PARTITION TYPES

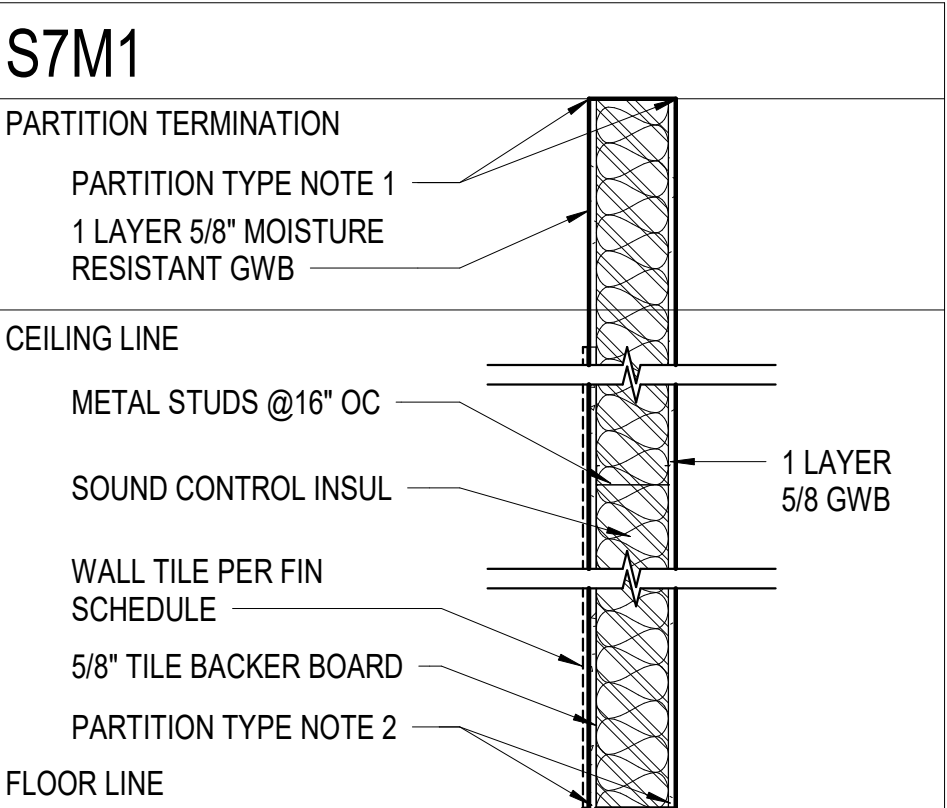
SCALE: 3/4" = 1'-0"



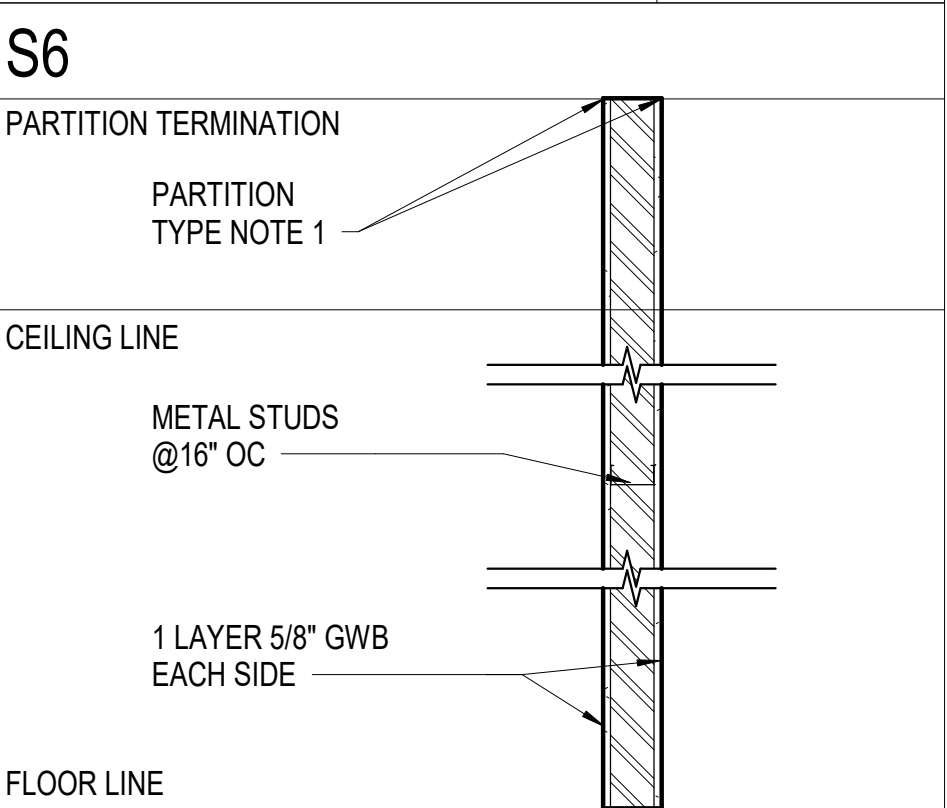
NOTE: PROVIDE 20 GAGE STUDS AT PARTITION TO RECEIVE TILE BACKER BOARD AND PORCELAIN WALL TILE. SEE FINISH NOTES ON SHEET A-601 FOR HEIGHT OF TILE BACKER BOARD / WALL TILE.	
ACTUAL DIMENSION 'X'	7 1/4"
STUD SIZE	6"
CMU SIZE	-



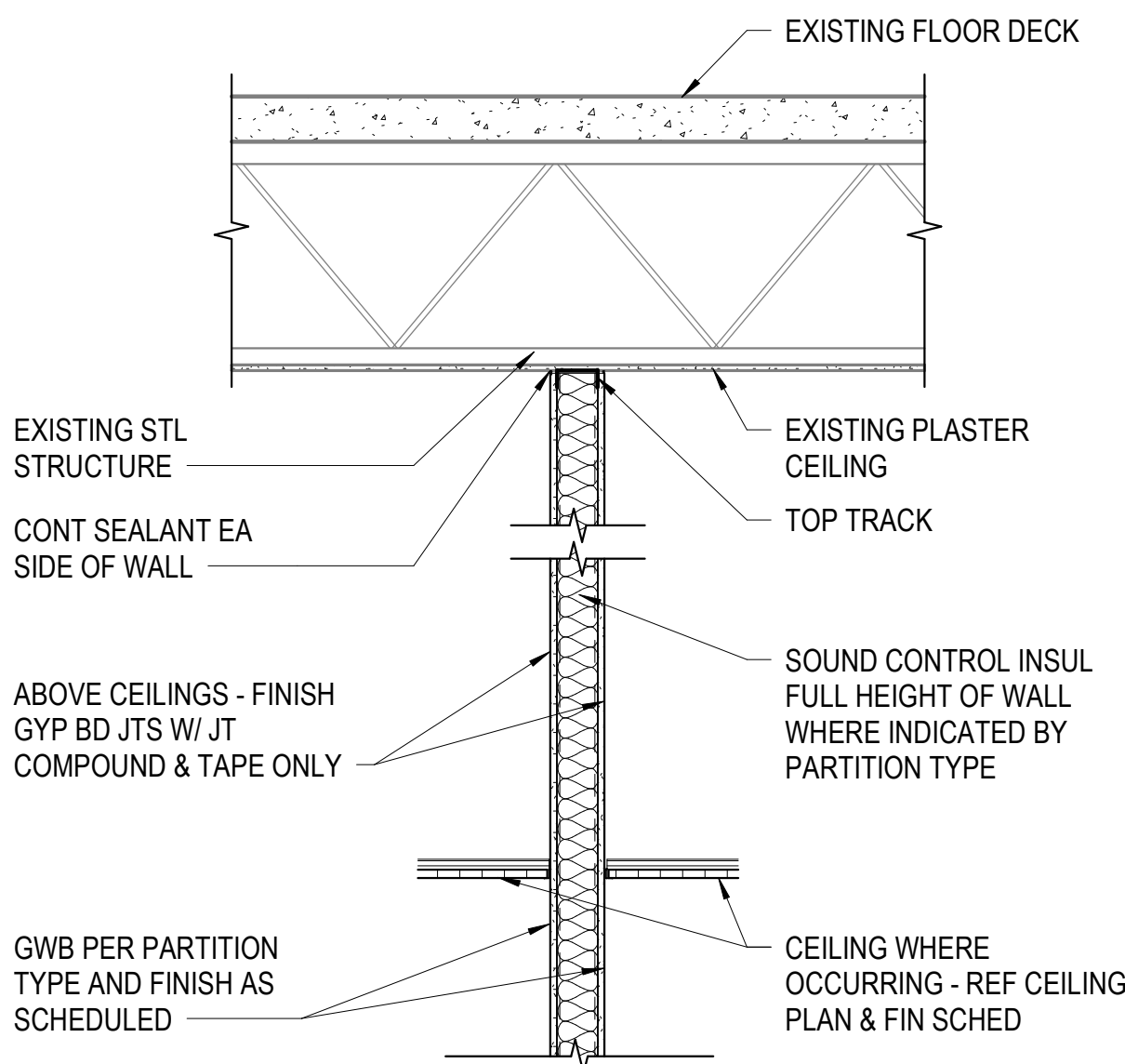
ACTUAL DIMENSION 'X'	4 1/4"
STUD SIZE	3 5/8"
CMU SIZE	-



NOTE: PROVIDE 20 GAGE STUDS AT PARTITION TO RECEIVE TILE BACKER BOARD AND PORCELAIN WALL TILE. SEE FINISH NOTES ON SHEET A-601 FOR HEIGHT OF TILE BACKER BOARD / WALL TILE.	
ACTUAL DIMENSION 'X'	7 1/4"
STUD SIZE	6"
CMU SIZE	-

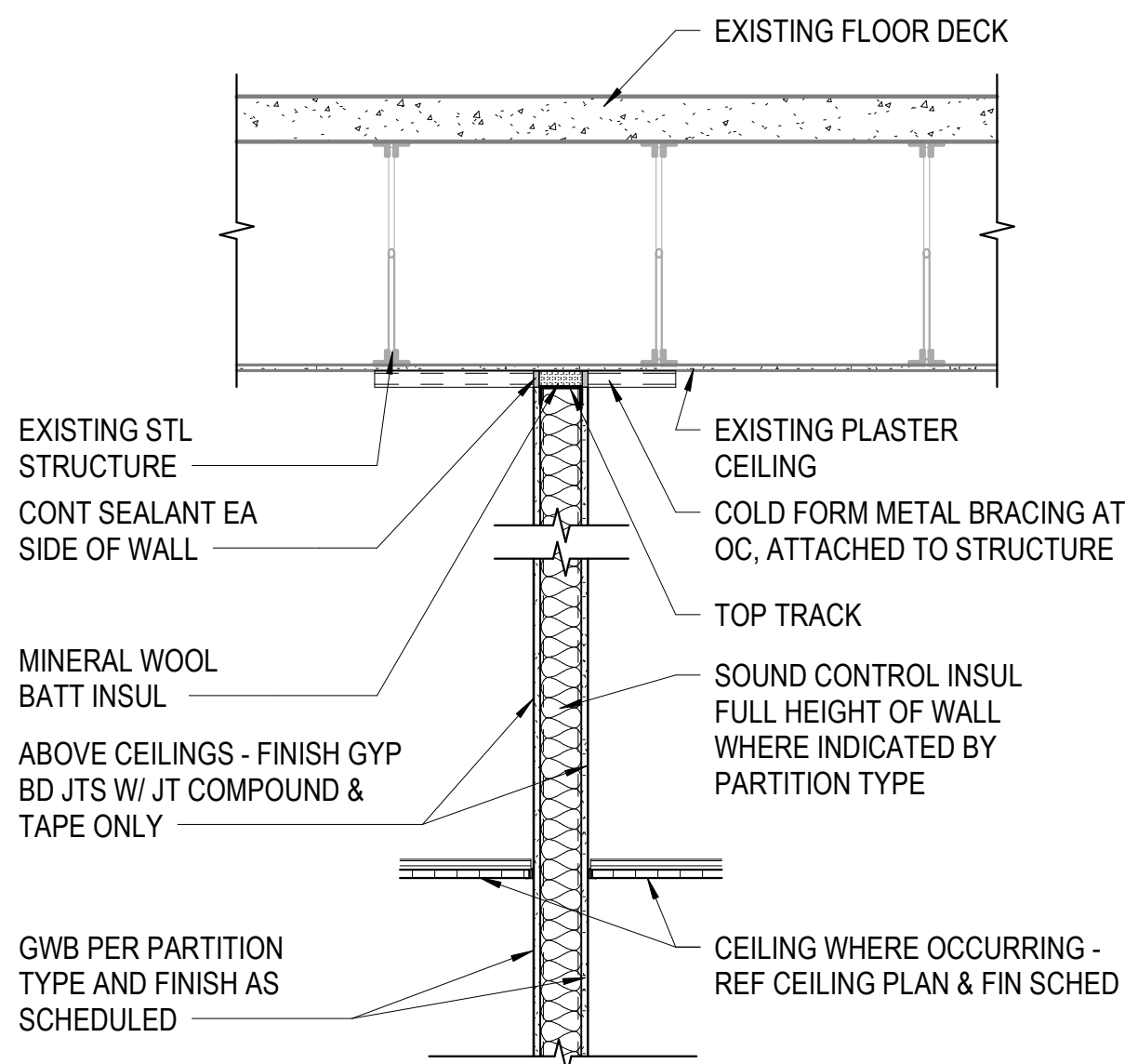


ACTUAL DIMENSION 'X'	4 7/8"
STUD SIZE	3 5/8"
CMU SIZE	-



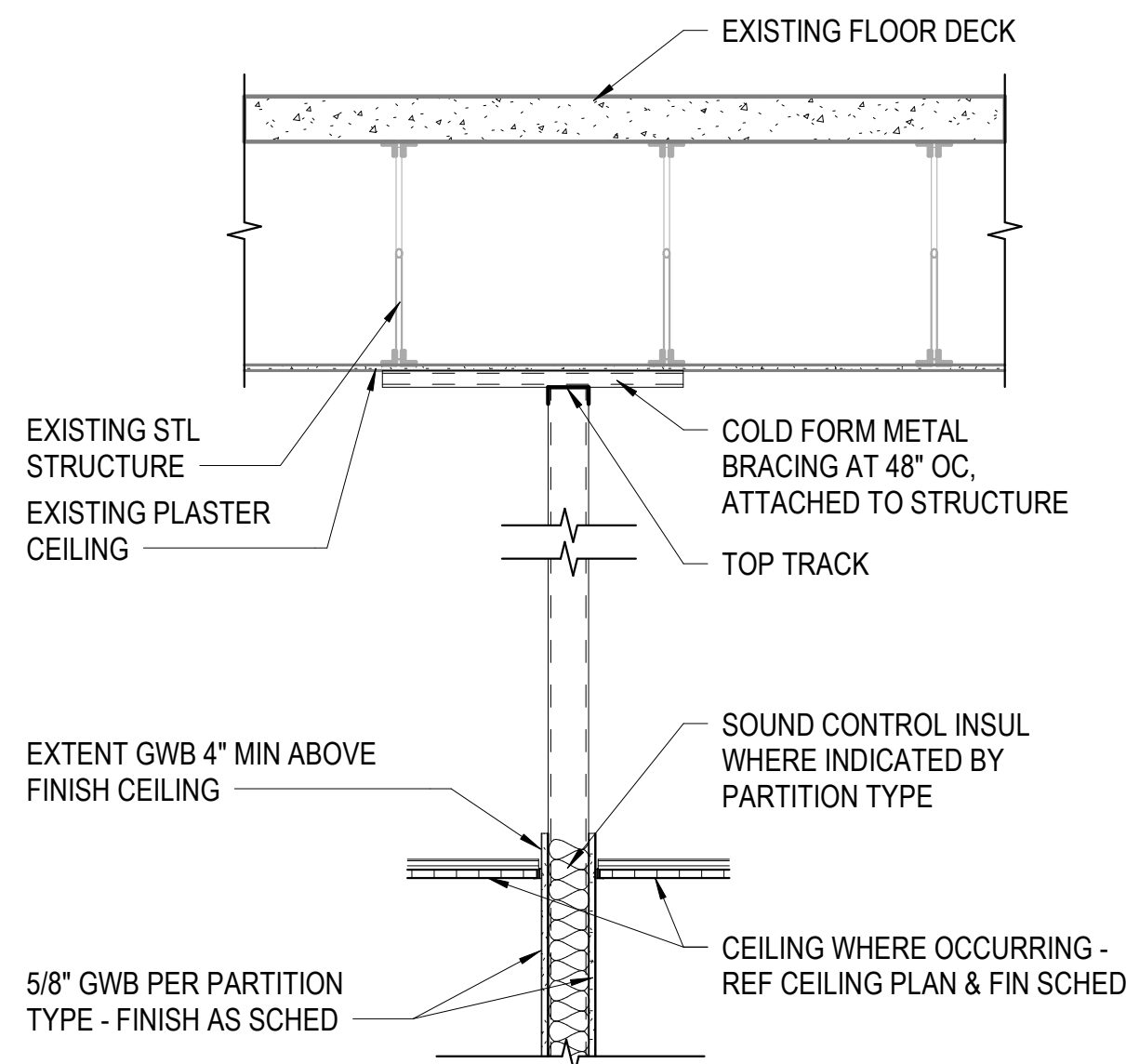
TYPICAL TERMINATION OF MTL STUD PARTITION REQUIRED TO EXTEND TO EXISTING PLASTER CEILING ON BOTTOM CHORD OF FLOOR JOISTS.

SHOWN ON REFLECTED CEILING PLANS
SHADED SOLID



TYPICAL TERMINATION OF MTL STUD PARTITION REQUIRED TO EXTEND TO EXISTING PLASTER CEILING ON BOTTOM CHORD OF FLOOR JOISTS.

SHOWN ON REFLECTED CEILING PLANS
SHADED SOLID



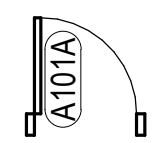
TYPICAL TERMINATION OF MTL STUD PARTITION BRACED TO BOTTOM CHORD OF EXISTING FLOOR JOISTS.

SHOWN ON REFLECTED CEILING PLANS
SHADED SOLID

METAL STUD PARTITION TERMINATION

SCALE: 3/4" = 1'-0"

ARCHITECTURAL GRAPHIC SYMBOLS



DOOR TAG -
BUILDING DIV/DOOR NUMBER
LOCATION SUFFIX (IF REQ'D)



LOUVER TYPE



NEW WORK KEY NOTE



DEMOLITION KEY NOTE



EXTERIOR / INTERIOR / INTERIOR CASEWORK
ELEVATION IDENTIFICATION NUMBER



SHEET NUMBER WHERE ELEVATION
IS LOCATED



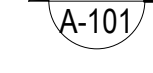
SIGNAGE TYPE



SIGNAGE NO. ARCH NO.



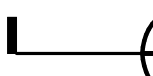
BUILDING SECTION REFERENCE



SECTION NUMBER



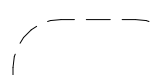
DRAWING NUMBER WHERE SECTION IS DRAWN



SECTION REFERENCE



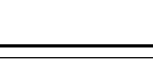
SECTION NUMBER



DRAWING NUMBER WHERE SECTION IS DRAWN



ENLARGED PLAN OR DETAIL REFERENCE



PLAN OR DETAIL NUMBER



DRAWING NUMBER WHERE ENLARGED PLAN OR
DETAIL IS DRAWN

ROOM

A101

ROOM NAME

BLDG DIV / CONST NO.

WINDOW TYPE

CURTAIN WALL TYPES
(REF A600 SERIES DRAWINGS)

CURTAIN WALL

HOLLOW METAL FRAME TYPES
(REF A600 SERIES DRAWINGS)

HOLLOW METAL FRAME

WINDOW FRAME TYPES
(REF A600 SERIES DRAWINGS)

STOREFRONT

MATCH LINE

SEE 1 / A101

TOILET ACCESSORIES

PARTITION TYPE (SEE PARTITION
LEGEND)

ELEVATION REFERENCE

CONTROL JOINT

3D VIEW REFERENCE

DRAWING SHEET
NUMBER

DRAWING NUMBER
DESIGNATION

MAIN DRAWING TITLE

TITLE -

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

DRAWING TITLE

DRAWING SCALE

DRAWING TITLE WITH REFERENCE SYMBOL

DRAWING NUMBER DESIGNATION

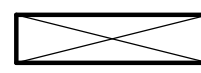
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DRAWING REFERENCE NUMBER

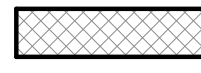
DRAWING SCALE

DRAWING SHEET NUMBER

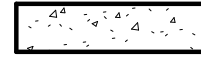
ARCHITECTURAL MATERIAL LEGEND



CONTINUOUS WOOD BLOCKING



CONCRETE MASONRY UNIT



CAST-IN-PLACE CONCRETE



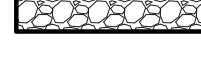
STEEL



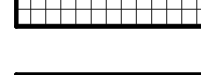
EARTH / COMPACT FILL



BATT INSULATION



POROUS FILL / GRAVEL



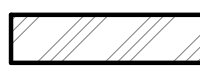
RIGID INSULATION



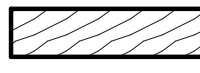
GYPSUM BOARD



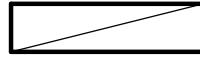
RESILIENT FLOORING / PLASTIC LAMINATE



ALUMINUM



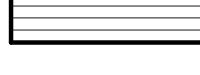
FINISHED WOOD



WOOD BLOCKING



BRICK



GLASS



ACOUSTICAL TILE



PLYWOOD



CERAMIC TILE - LARGE SCALE



SAND / MORTAR / PLASTER

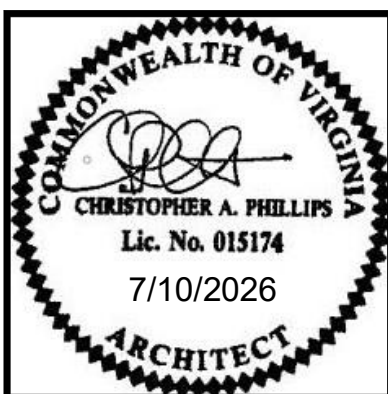


GRAVEL

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MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING
PARTITION TYPES, PARTITION TERMINATION
DETAILS

SHEET

A-002

7/7/2026 11:44:43 AM Autodesk Docs://25117-01 Albert Harris ES/25117-01 v26 Albert Harris ES - ARCH.rvt

CONCRETE AND REINFORCEMENT

A. GENERAL CONCRETE SLAB SHALL BE:

LOCATION	WEIGHT	STRENGTH (PSI) @ 28 DAYS	AIR (%) (+/- 1 1/2)	SLUMP (IN) (+/- 1 1/2)	MAX W/CM RATIO	MAX AGG SIZE (INCH)	WATER SOLUBLE CHLORIDES (%)	EXPOSURE CLASSES (SEE ACI 318)
INTERIOR SLAB-ON-GRADE (UTILITY TRENCH COVER)	NW	3000	< 3	4	0.52	1	1.0	F0 S0 W0 CO

FIELD SAMPLING SHALL BE OBTAINED FROM MIDDLE OF BATCH

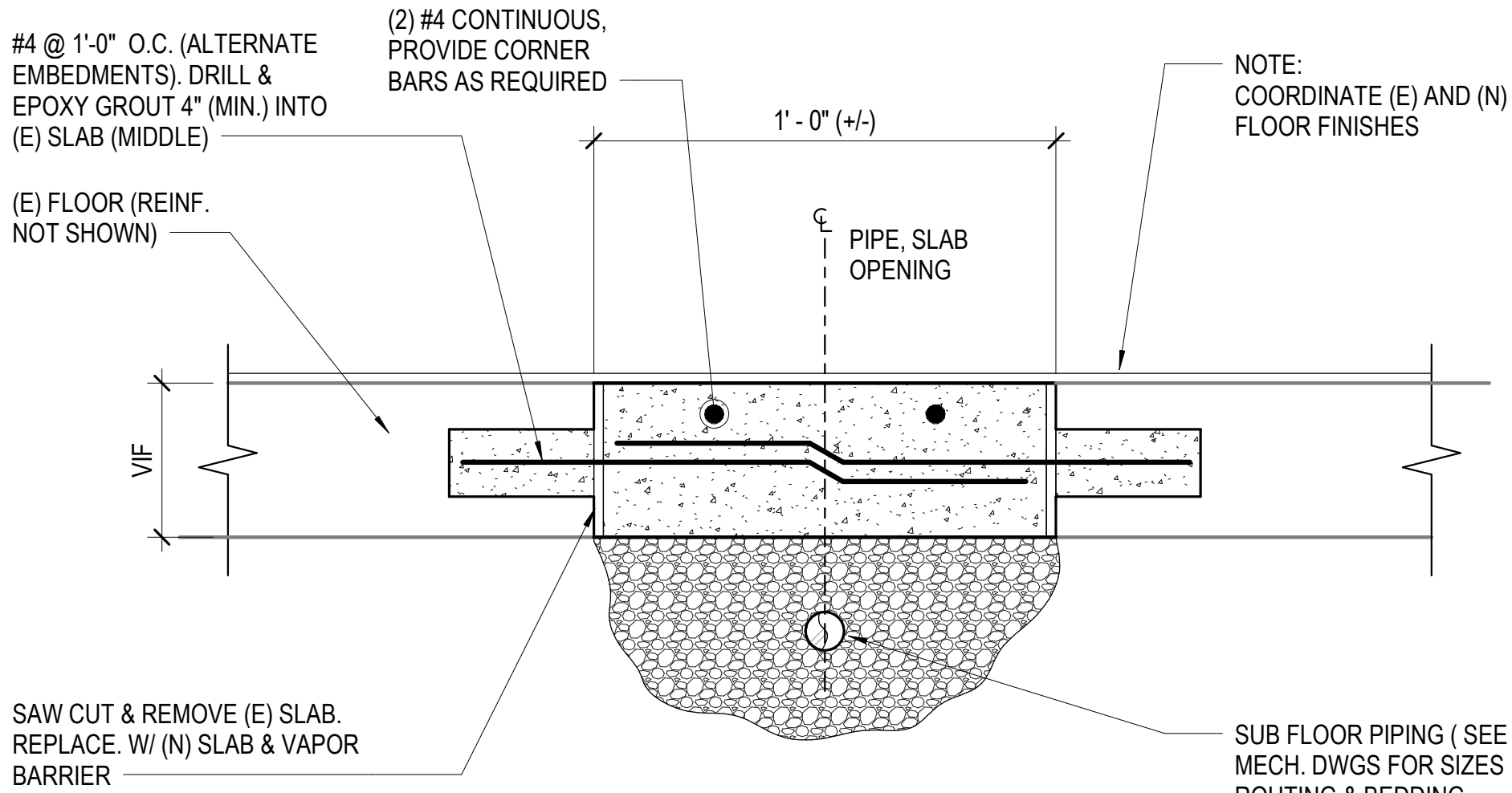
- NORMAL WEIGHT (NW) CONCRETE SHALL BE 145-150 PCF
- SLUMPS ABOVE ARE PRIOR TO ADDITION OF PLASTICIZERS OR MID RANGE WATER REDUCER. MAXIMUM SLUMP AFTER APPROVED ADDITIVES SHALL BE (8) INCHES MAXIMUM.
- MATERIALS:
 - CEMENT: ASTM C 150 TYPE I, TYPE II OR TYPE IL
IF TYPE IL IS USED, THE LIMESTONE CONTENT IS LIMITED TO 15 PERCENT - SUBMIT CEMENT MATERIAL DATA/MILL TEST REPORT INDICATING COMPLIANCE.
 - FLY ASH: ASTM C618 CLASS C OR F, 20% MAX. 15% MAX WITH TYPE IL CEMENT.
 - CEMENTITIOUS MATERIALS AND ADMIXTURE COMBINATION (INCLUDING PROPOSED FIBER) USED IN CONCRETE MUST BE THE SAME AS THAT USED IN THE CONCRETE REPRESENTED BY SUBMITTED FIELD TEST RECORDS OR USED IN TRIAL MIXTURES AND MUST HAVE DEMONSTRATED ACCEPTABLE PERFORMANCE IN A MINIMUM OF 5 PROJECTS WITHIN THE LAST 3 YEARS.
 - CONCRETE MIX / TEST BATCHES MUST HAVE BEEN PERFORMED WITHIN THE LAST YEAR AND REPRESENT ACTUAL MATERIALS PROPOSED FOR THIS PROJECT INCLUDING CEMENT TYPE.
 - AGGREGATE: ASTM C33. GRADED.
- MICRO-FIBER REINFORCEMENT (PLASTIC CRACK CONTROL):
ASTM C 1116 TYPE III AND ASTM C1018 PERFORMANCE LEVEL II 5
100 PERCENT VIRGIN POLYPROPYLENE, FIBRILLATED FIBERS
MINIMUM VOLUME PER CUBIC YARD OF 0.1 PERCENT (1.5 POUNDS)
WHEN INDICATED, FIBER SHALL BE IN ADDITION TO STEEL REINFORCEMENT
- CONCRETE WORK SHALL BE IN FULL ACCORDANCE WITH:
AMERICAN CONCRETE INSTITUTE (ACI) 211.1, 301, 315, AND 318
CRSI RECOMMENDED PRACTICE OF PLACING REINFORCING BARS
ACI 117 FOR PLACEMENT TOLERANCES (CONCRETE AND REINFORCEMENT)
ACI 302.1 CONCRETE FLOOR AND SLAB CONSTRUCTION
ACI 308.1 FOR CURING OF CONCRETE
ACI 309R-05 GUIDE FOR CONSOLIDATION OF CONCRETE
ACI "MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES".

- C. SLABS GENERAL (ON GRADE AND ELEVATED)
- CEMENTITIOUS MATERIAL CONTENT IN ACCORDANCE WITH TABLE 8.4.4b OF ACI 302.1.
MINIMUM CEMENTITIOUS MATERIAL CONTENT BY AGGREGATE SIZE:
1 INCH 520 LB/CY

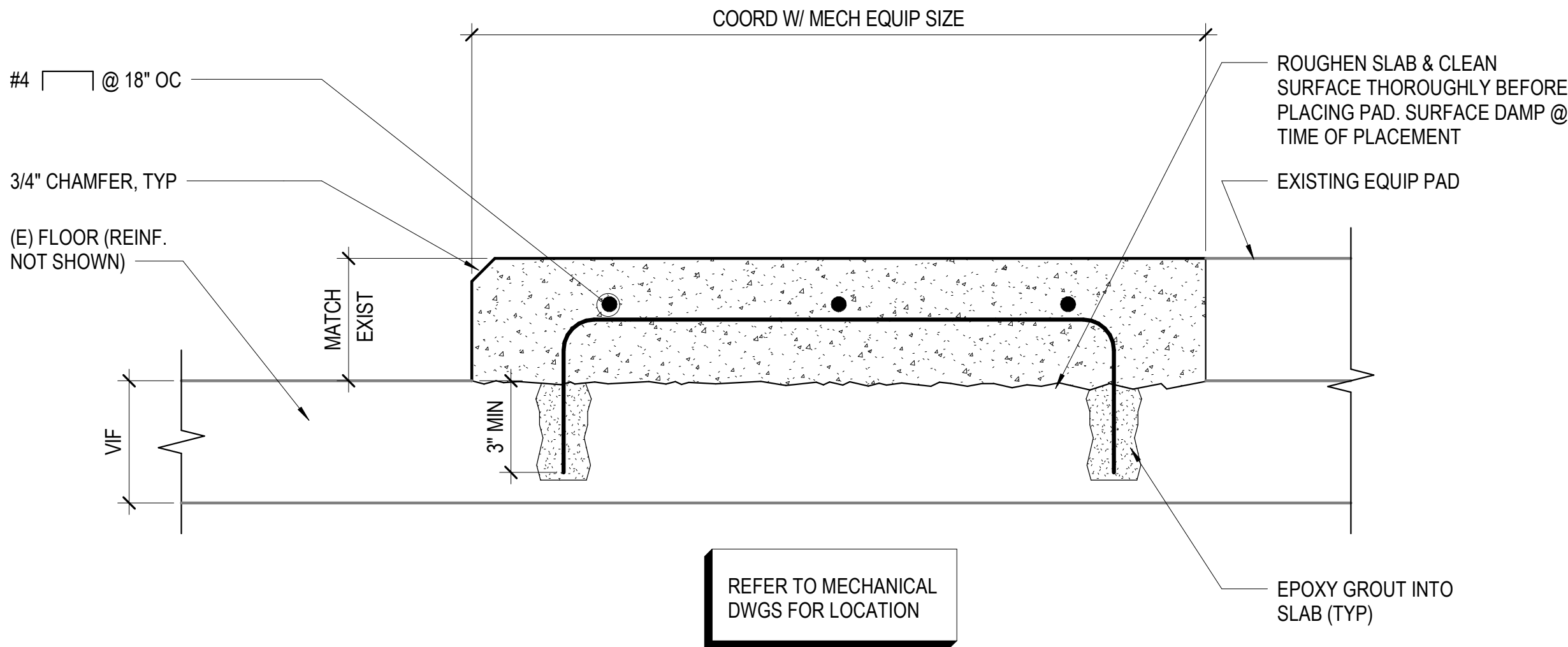
- D. REINFORCING - STEEL
- ASTM A615, GRADE 60 FOR DEFORMED BARS
 - DEVELOPMENT LENGTH FOR REINFORCEMENT (db = BAR DIAMETER):

STRENGTH	DEVELOPMENT LENGTH, LD		
	#6 AND SMALLER	#7 AND LARGER	HOOK, LDH
3000 PSI	44 db	55 db	22 db

- DEVELOPMENT LENGTH MINIMUM OF 12 INCHES. HOOK DEVELOPMENT LENGTH MINIMUM 6 INCHES. DEVELOPMENT LENGTH ADJUSTMENTS:
CLASS B TENSION LAPS: ABOVE MULTIPLIED BY 1.3.
 - SPLICES SHALL BE CLASS B TENSION SPLICES UNLESS NOTED. WELDED WIRE FABRIC SHALL HAVE A MINIMUM LAP OF 6 INCHES. MECHANICAL OR WELDED SPLICES SHALL DEVELOP 125% OF THE BAR YIELD STRENGTH.
 - PROVIDE CORNER BARS AT CORNERS.
- E. CONCRETE FINISHES: TROWEL FINISH - COORDINATE WITH ARCH FINISHES.
- F. REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE ACCURATELY PLACED IN THE POSITIONS SHOWN, TIED AND SUPPORTED BEFORE CONCRETE IS PLACED TO PREVENT DISPLACEMENT BEYOND PERMITTED TOLERANCES.
- G. EPOXY GROUTING OF DEFORMED BAR DOWELS OR ANCHOR RODS INTO EXISTING OR HARDENED CONCRETE SHALL BE INSTALLED ACCORDING TO EPOXY MANUFACTURERS RECOMMENDATION TO PROVIDE FULL DEVELOPMENT OF THE BAR OR BOLT FOR THE SPECIFIC CONCRETE STRENGTH AT POINT OF ATTACHMENT.
- WORK MUST BE PERFORMED BY ACI CERTIFIED EPOXY ANCHOR INSTALLER.
- H. NO REPAIR OR RUBBING OF CONCRETE SHALL BE MADE PRIOR TO INSPECTION BY ARCHITECT/ENGINEER OR OWNER'S REPRESENTATIVE.



D4 SUBSLAB PIPE INSTALLATION DETAIL
A-003 SCALE: 3" = 1'-0"



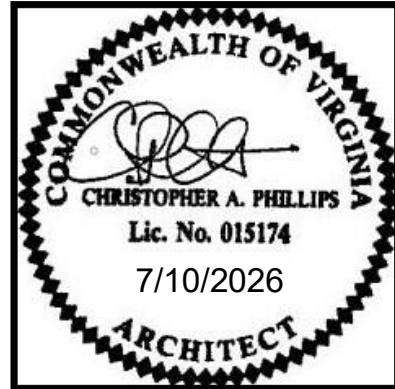
B4 MECH EQUIPMENT PAD
A-003 SCALE: 3" = 1'-0"



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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING CONCRETE NOTES AND DETAILS

SHEET
A-003

KEY NOTES (APPLIES TO SHEETS A-101, A-401 AND A-402)

1. EXISTING 8" STEEL PIPE COLUMN

2. PROVIDE NEW SOLID SURFACE WINDOW SILL (SSM1). REFER TO DETAIL **B1/A-501** FOR ADDITIONAL INFORMATION.

3. COLUMN SURROUND W/ PARTITION TYPE S3. DIMENSION AS REQUIRED TO CONCEAL EXISTING STEEL PIPE COLUMN. EXTEND GWB MIN 4" ABOVE FIN CEILING.

4. EXISTING GLAZED BLOCK WAINSCOT TO BE CONCEALED BY FURRING. COLD FORM METAL FRAMING SIZE PER PARTITION TAG SHOWN.

5. WALL MOUNTED TV BY OWNER. CONTRACTOR TO PROVIDE 4"x4"x3/4" PLYWOOD BLOCKING IN GWB/MTL STUD FURRING.

6. POST SUPPORTED PREFABRICATED METAL CANOPY.

7. PROVIDE 3/4" PLYWOOD IN LIEU OF GYPSUM WALL BOARD WITHIN SPACE INDICATED. METAL STUD GAUGE OF PARTITION SHALL BE 20GA.

8. PROVIDE SELF CLOSING DOUBLE SWING EGRESS GATE W/ "NO EXIT" SIGN". VERIFY IN FIELD WIDTH OF STAIRWAY. BASIS OF DESIGN: MODEL 100 BY EGRESSGATE OR APPROVED EQUAL.

9. NEW OPENING IN EXISTING WALL AND WRAP GWB TO MATCH EXISTING ADJACENT SURFACES. FINISH FLUSH WITH NO VISIBLE SEAMS OTHER THAN CORNERS OF OPENING.

10. LOCATE PARTITION OFFSET FROM EXISTING PLUMB CONNECTION/NEW PLUMB FIXTURE PER DIMENSION INDICATED.

11. PROVIDE 6'-0"H X 4'-0"W 2x WOOD BLOCKING BETWEEN STUDS. BOTTOM OF BLOCKING SHALL BE 2'-0" AFF.

12. KNOX BOX, SURFACE MOUNTED.

13. ON FACE OF EXISTING PARTITION INDICATED, PROVIDE 5/8" TILE BACKERBOARD FROM FINISH FLOOR TO HEIGHT OF 6'-6" FOR PORCELAIN WALL TILE INSTALLATION. PROVIDE 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD ABOVE TILE BACKERBOARD TO FULL HEIGHT OF PARTITION.

14. ADA DOOR OPERATOR PEDESTAL.
14. DENTAL LAB CASEWORK. OWNER FURNISHED / OWNER INSTALLED.

15. DENTAL LAB ASSISTINA. OWNER FURNISHED / OWNER INSTALLED.

16. DENTAL LAB STERILIZER. OWNER FURNISHED / OWNER INSTALLED.

17. DENTAL LAB ULTRASONIC CLEANER.OWNER FURNISHED / OWNER INSTALLED.

18. DENTAL LAB INSTRUMENT WASHER. OWNER FURNISHED / OWNER INSTALLED.

19. DENTAL LAB STATIM. OWNER FURNISHED / OWNER INSTALLED.

20. COMPRESSOR. OWNER FURNISHED / OWNER INSTALLED.

21. VACUUM. OWNER FURNISHED / OWNER INSTALLED.

22. AMALGAM SEPARATOR. OWNER FURNISHED / OWNER INSTALLED.

23. PANARAMIC X-RAY. OWNER FURNISHED / OWNER INSTALLED.

24. DENTAL CENTRAL CABINET. OWNER FURNISHED / OWNER INSTALLED.

25. DENTAL SIDE CABINET. OWNER FURNISHED / OWNER INSTALLED.

26. DENTAL CHAIR. OWNER FURNISHED / OWNER INSTALLED.

27. TREATMENT CONSOLE. OWNER FURNISHED / OWNER INSTALLED.

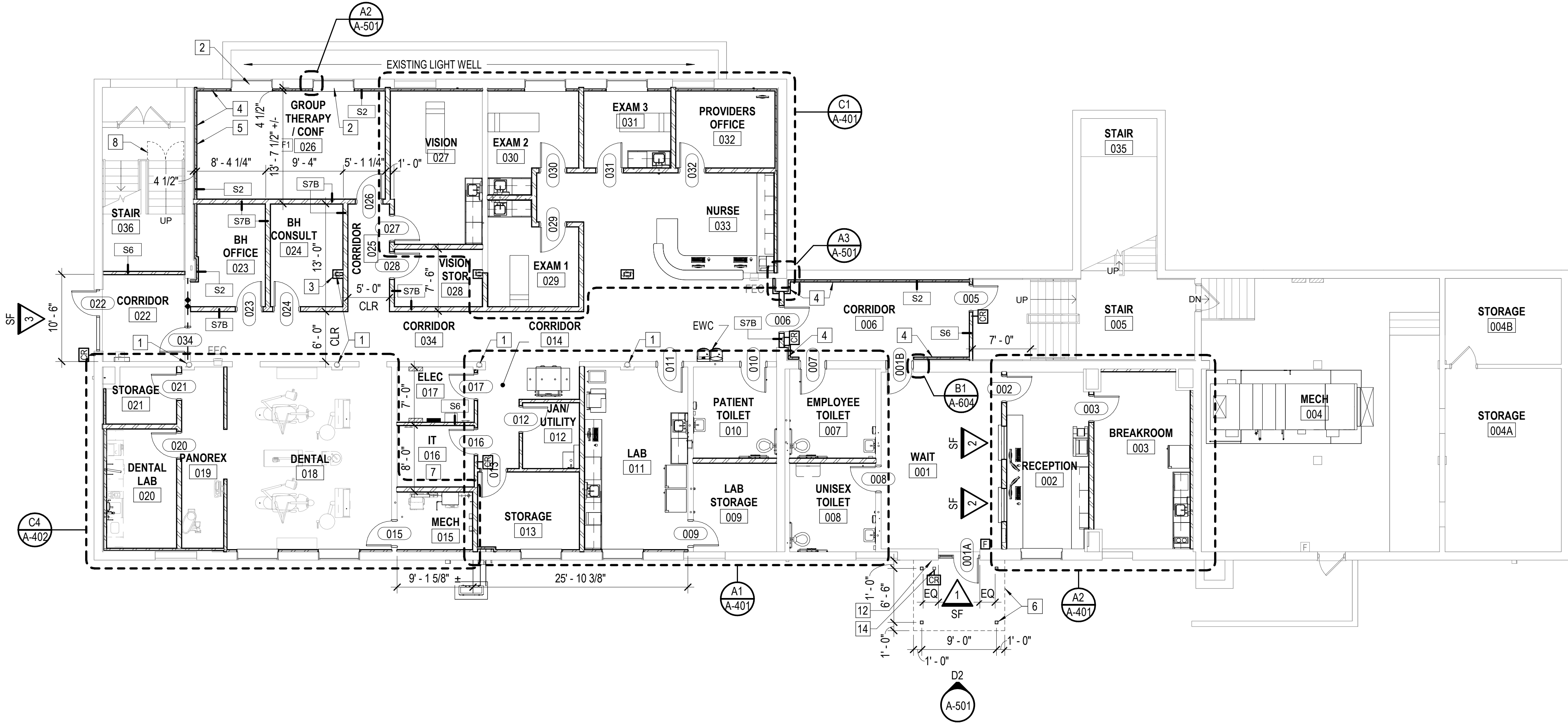
28. INTRAORAL X-RAY. OWNER FURNISHED / OWNER INSTALLED.

LEGEND (APPLIES TO SHEETS A101)

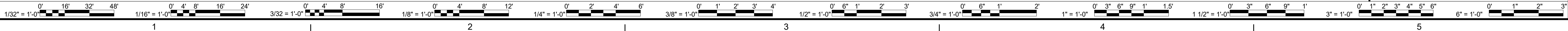
EWC	ELECTRIC WATER COOLER
FEC	FIRE EXTINGUISHER CABINET

GENERAL NOTES (APPLIES TO THIS SHEET ONLY)

- A. PLAN DIMENSIONS ARE FROM FACE OF MASONRY, FACE OF METAL STUD, OR CENTERLINE OF STRUCTURAL COLUMN UNLESS OTHERWISE NOTED.
- B. FINISH FLOOR REFERENCE (0'-0") IS FROM THE EXISTING LOWER LEVEL OF THE SCHOOL AT FFE 991.41'.
- C. AT LOCATIONS OF FIRE WALLS, FIRE BARRIERS, AND FIRE PARTITIONS, SEAL ALL TERMINATIONS TO ACHIEVE INDICATED FIRE RATINGS.
- D. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONS, PARTITIONS, AND OTHER INFORMATION THAT MAY NOT APPEAR ON 1/8" SCALE FLOOR PLANS.
- E. COORDINATE ALL WALL PARTITIONS WITH FLOOR PLANS, ENLARGED PLANS, AND TYPICAL PARTITION LEGEND.
- F. COORDINATE WITH FINISH SCHEDULE AND REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
- G. ALL DIMENSIONS SHOWN FOR EXISTING CONDITIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR DETERMINATION OF DIMENSIONAL ADJUSTMENTS PRIOR TO CONSTRUCTION.
- H. CONTRACTOR TO COORDINATE THE WORK FOR ALL TRADES, VERIFY LOCATIONS AND EXTENT OF SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, PENETRATIONS, ETC. AS REQUIRED BY PLUMBING, MECHANICAL, AND ELECTRICAL TRADES.
- I. ALL DOOR FRAMES TO BE LOCATED 4" FROM PERPENDICULAR WALL OR CENTERED AS SHOWN, UON.
- J. REFER TO DEMOLITION DRAWINGS FOR FLOOR & WALL CUTS, INFILLS, NOTES, AND DETAILS
- K. PATCH AND REPAIR ALL EXISTING CONCRETE FLOOR SLABS DAMAGED BY DEMOLITION WORK, (SUCH AS EXISTING PLUMBING, PIPING, AND ELECTRICAL CONDUIT ABANDONED BELOW FLOOR OR NEW UTILITIES INSTALLED UNDER EXISTING FLOOR) WITH CONCRETE TO MATCH EXISTING. FINISH FLUSH WITH ADJACENT SURFACE.
- L. AFTER REMOVAL OF EXISTING FLOOR COVERINGS, USE LEVELING AND PATCHING COMPOUND(S) TO CORRECT SURFACE IRREGULARITIES PRIOR TO INSTALLATION OF NEW FLOOR FINISHES.
- M. DETAILS OF EXISTING CONDITIONS: ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY FROM THOSE INDICATED IN DRAWINGS. ALL WORK THAT RELATES TO, OR IS IN ANY WAY AFFECTED BY, EXISTING CONDITIONS WHICH VARY FROM THOSE INDICATED SHALL BE MODIFIED AS REQUIRED BY FIELD CONDITIONS AND MEASUREMENTS. REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH AFFECTED ASPECTS OF CONSTRUCTION OR DEMOLITION.
- N. PREPARE FINISH FLOOR SUBSTRATE FOR NEW FINISHES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



FLOOR PLAN - LOWER LEVEL A
SCALE: 1/8" = 1'-0"



MARTINSVILLE CITY PUBLIC SCHOOLS
PROJECT
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING
FLOOR PLAN

SHEET
A-101



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REFLECTED CEILING PLAN LEGEND

	GYPSUM BOARD CEILING OR BULKHEAD		DOWN LIGHT
	2'-0" x 2'-0" LAY-IN ACOUSTICAL TILE CEILING IN SUSPENDED GRID		SUPPLY DIFFUSER
	EXIT LIGHT		RETURN AIR GRILLE
	LIGHT FIXTURES	+X'-X"	CEILING HEIGHT
			WIRELESS ACCESS DEVICE - REF ELECTRICAL DWGS
			OCCUPANCY SENSOR - REF ELECTRICAL DWGS
			CEILING SPEAKER - REF ELECTRICAL DWGS

PARTITION TERMINATION LEGEND

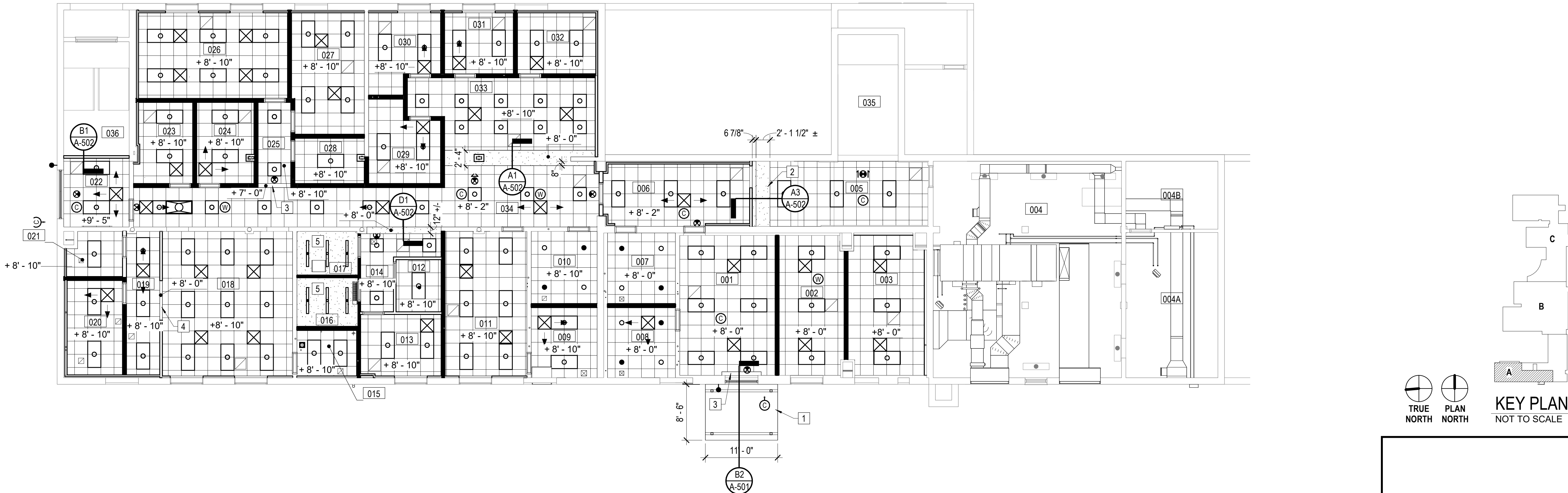
	PARTITION WHICH PENETRATES THE CLG & TERMINATES 4" ABOVE FINISHED CLG. UON
	PARTITION WHICH CONTINUES THROUGH CLG TO EXISTING PLASTER SUBCEILING ON BOTTOM CHORD OF FLOOR JOIST (UNLESS NOTED OTHERWISE). AT GYP BD PARTITION PROVIDE CONT SEALANT AT VOIDS FOR SOUND TRANSMISSION BLOCKING. REF PARTITION TYPE LEGEND ON A-002 FOR ADDITIONAL INFORMATION.

KEY NOTES (APPLIES TO SHEETS A102)

- 1 POST SUPPORTED PREFABRICATED METAL CANOPY
- 2 EXISTING GWB BULKHEAD TO REMAIN
- 3 BULKHEAD W/ 6" MTL STUD AND 5/8" GWB EA SIDE
- 4 BULKHEAD W/ 3 5/8" MTL STUD AND 5/8" GWB EA SIDE
- 5 INSTALL GYPSUM CEILING BOARD TO BOTTOM CHORD OF EXISTING FLOOR JOISTS WITHIN SPACE INDICATED

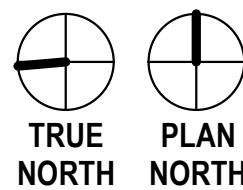
REFLECTED CEILING PLAN GENERAL NOTES

1. REFER TO FLOOR PLANS AND CEILING DETAILS FOR ADDITIONAL INFORMATION.
2. REFER TO ELECTRICAL LIGHTING PLANS FOR WALL MOUNTED AND UNDER-CABINET FIXTURES NOT INDICATED.
3. SPRINKLER HEADS (NOT INDICATED) TO BE CENTERED IN ACP OR WITHIN SPACE IN GYPSUM BOARD CEILING.
4. REFER TO MECH. AND ELEC DRAWINGS FOR CEILING-MOUNTED FIXTURE TYPES & DIFFUSER LOCATIONS. NOTIFY ARCHITECT (PRIOR TO INSTALLATION) OF CONFLICTS WITH LOCATIONS INDICATED ON DRAWINGS. ADDITIONAL FIXTURES OR OTHER CEILING MATERIALS SHOWN ON ELECTRICAL OR MECHANICAL DRAWINGS BUT NOT SHOWN ON RCP'S ARE INCLUDED IN THE BASE BID.
5. SUPPLY AND DIFFUSER GRILLES ARE INDICATED DIAGRAMMATICALLY IN RCP FOR LOCATION ONLY. REFER TO MECHANICAL DWG'S FOR ACTUAL SIZE AND TYPE TO BE PROVIDED.
6. REFER TO SHEET **A-002** FOR TYPICAL PARTITION TERMINATIONS AT STRUCTURAL ELEMENTS WITH ALL EXTENSIONS OF FINISHES & SOUND ATTEN.
7. DIMENSIONS AND SPOT ELEVATIONS INDICATED ON REFLECTED CEILING PLANS ARE TO FACE OF CEILING FINISH.
8. AT LOCATIONS WHERE AN ACOUSTICAL CEILING PANEL (ACT) WILL BE 6" OR LESS IN WIDTH, USE A 2X4 ACT OF THE SAME TYPE AND MANUFACTURER. FOR EXAMPLE: IN LIEU OF A 3"X24" ACT NEXT TO A 24"X24" ACT, THE PANEL SHALL BE 27"X24" AND EXTEND TO THE WALL OR SOFFIT.



REFLECTED CEILING PLAN - LOWER LEVEL A

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



KEY PLAN
NOT TO SCALE



PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
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MARTINSVILLE, VA 24112
DRAWING REFLECTED CEILING PLAN

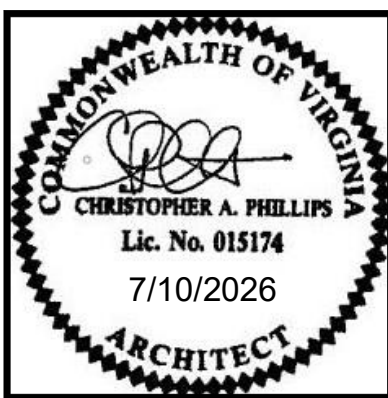
SHEET

A-102

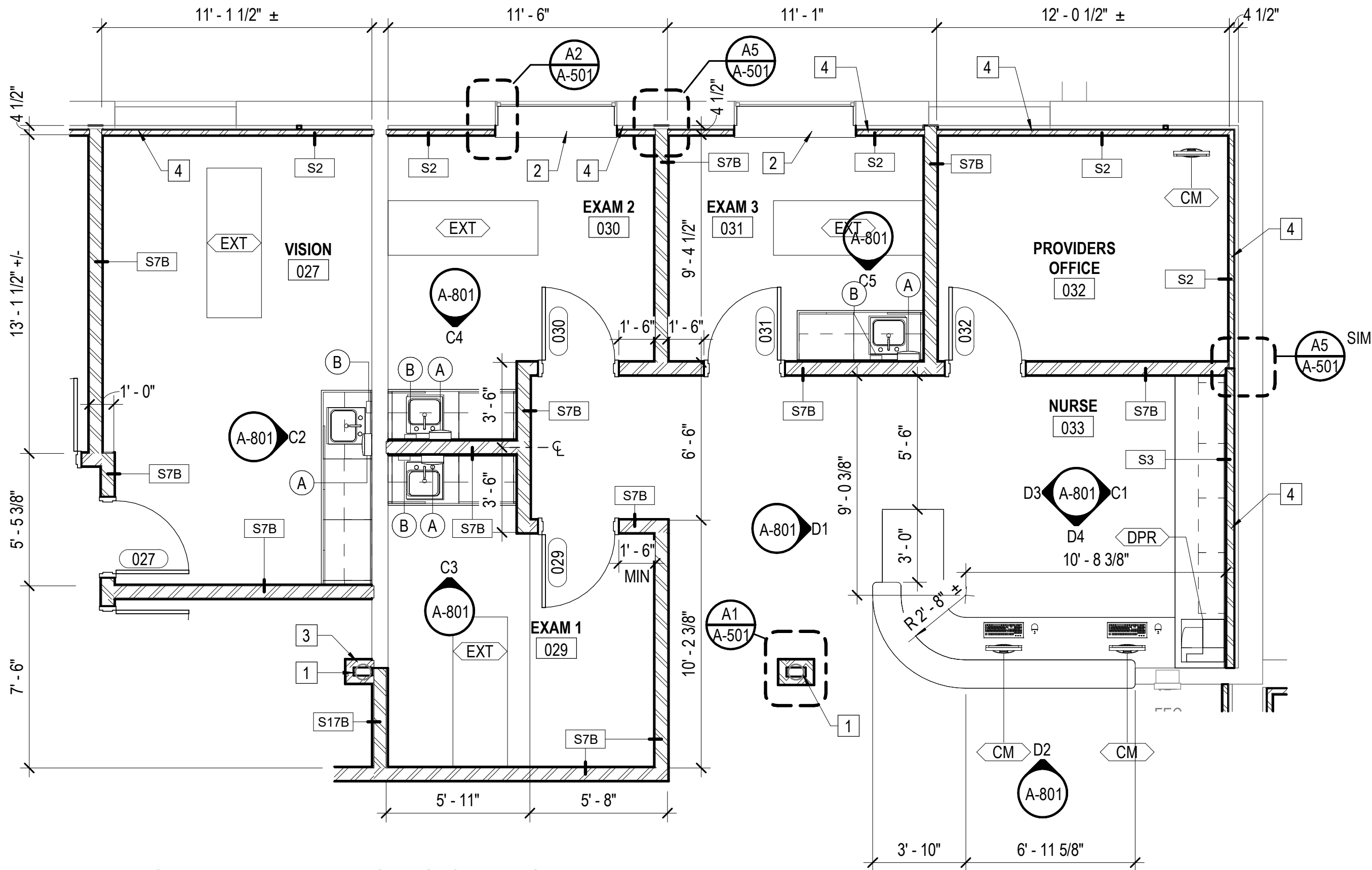
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BY	DES	



C1
A-401/ ENLARGED PLAN - NURSING STATION
SCALE: 1/4" = 1'-0"

TOILET ACCESSORY SCHEDULE			
MARK	DESCRIPTION	MOUNTING HEIGHT	REMARKS
A	PAPER TOWEL DISPENSER	TOP @ 5'-4" AFF	1
B	SOAP DISPENSER	TOP @ 4'-0" AFF	1
C	MIRROR 24" X 36"	BOTTOM @ 3'-4" MAX.	-
D	TOILET TISSUE DISPENSER		1
E	SANITARY NAPKIN DISPOSAL		-
F	18" VERTICAL GRAB BAR	CL @ 3'-4" AFF	4, 5
G	36" GRAB BAR	CL @ 2'-9" AFF	3, 4
H	42" GRAB BAR	CL @ 2'-9" AFF	2, 4
J	MOP/BROOM/SHELF HOLDER		-
K	RECESSED SPECIMEN PASS-THROUGH CABINET		-
L	ROBE HOOK	CL @ 48" AFF	-
M	BABY CHANGING STATION	WORK SURFACE @ 2'-9" AFF	-

EQUIPMENT SCHEDULE			
MARK	DESCRIPTION	OFOI / OFCI / CFCI	REMARKS
BDC	BLOOD DRAW CHAIR	OFOI	--
CEN	CENTRIFUGE	OFOI	GC PROVIDE POWER
CFM	COFFEE MAKER	OFOI	GC PROVIDE POWER
CM	COMPUTER MONITOR/KEYBOARD/MOUSE	OFOI	GC PROVIDE POWER AND DATA
DPR	DESKTOP PRINTER	OFOI	GC PROVIDE POWER AND DATA
EXT	EXAM TABLE	OFOI	GC PROVIDE POWER
MIC	MICROWAVE OVEN	OFOI	GC PROVIDE POWER
PRI	FAX/COPIER/PRINTER	OFOI	GC PROVIDE POWER AND DATA
REF	REFRIGERATOR/FREEZER	OFOI	GC PROVIDE POWER
STL	LAB STOOL	OFOI	--
WCS	HIGH CAPACITY SCALE	OFOI	GC PROVIDE POWER

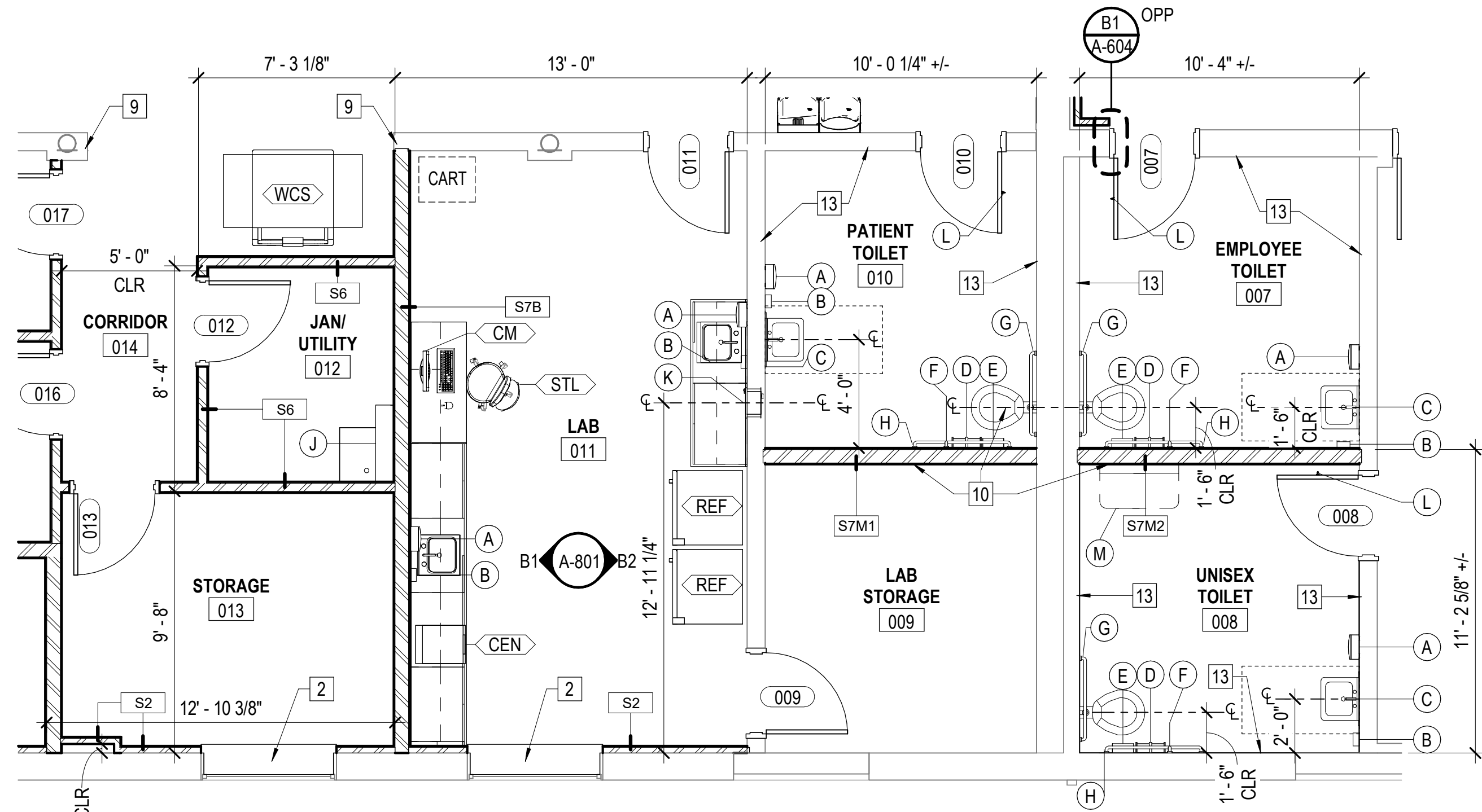
GENERAL TOILET ACCESSORY NOTES

- A. TOILET ACCESSORY ITEMS ARE IDENTIFIED BY SYMBOL (X) ON PLANS, LETTERS CORRESPOND TO SCHEDULE ABOVE.
- B. GRAB BARS AND ACCESSORIES TO BE MOUNTED IN ACCORDANCE WITH ICC A117.1-2017.
- C. REFER TO SPEC SECTION 10100 FOR ALL ACCESSORY DESCRIPTIONS.
- D. ACTUAL DIMENSIONS MAY VARY WITH APPROVED MANUFACTURER. COORDINATE ALL REVISIONS AS REQUIRED.
- E. PROVIDE BLOCKING AS REQUIRED FOR ALL ACCESSORIES.

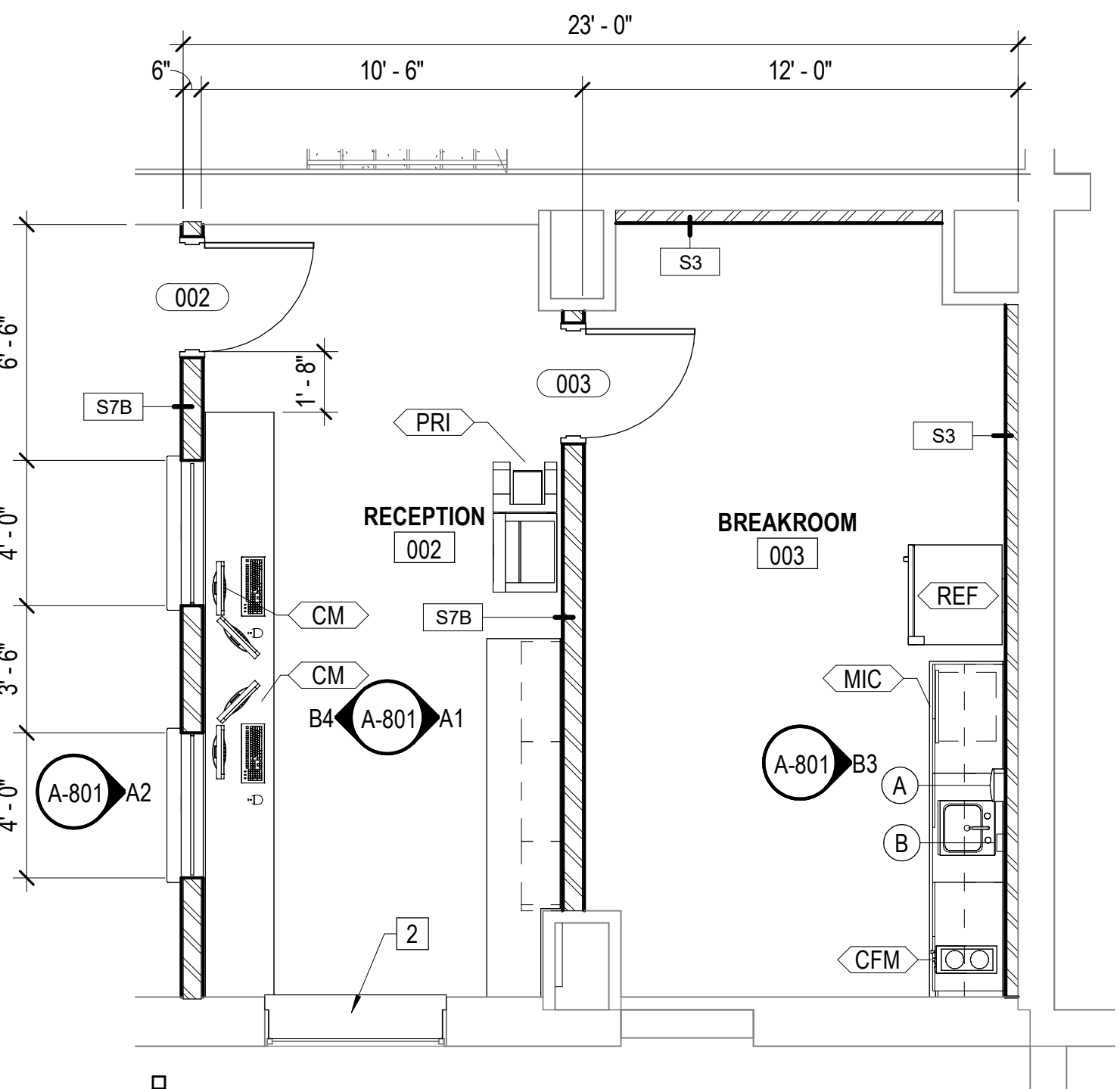
TOILET ACCESSORY SCHEDULE REMARKS

1. ACCESSORY SHALL BE PROVIDED BY OWNER AND INSTALLED BY OWNER.
2. MOUNT GRAB BAR ON WALL OR TOILET PARTITION AS INDICATED, 12" CLEAR OF WALL WHICH RUNS BEHIND WATER CLOSET.
3. MOUNT GRAB BAR CLEAR OF TANK/FLUSH VALVE. HEIGHT MY NEED TO BE DIFFERENT THAN INDICATED IN SCHEDULE. COORDINATE WITH PLUMBING FIXTURE PROVIDED. MOUNT 6" FROM FACE OF CONTIGUOUS WALL.
4. FIELD VERIFY FINISH WALL DIMENSION BEFORE INSTALLING GRAB BAR AND RELATED WALL SUPPORTS.
5. MOUNT BOTTOM OF VERTICAL GRAB BAR 3" ABOVE HORIZONTAL GRAB BAR.

KEY NOTES (REFER TO SHEET A-101)



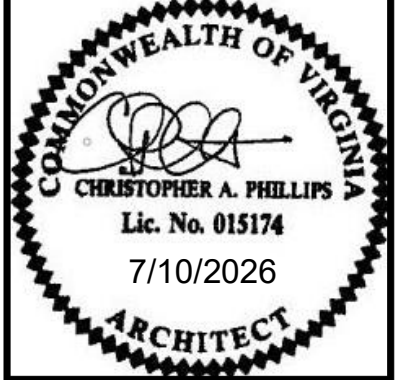
A1
A-401/ ENLARGED TOILETS
SCALE: 1/4" = 1'-0"



A2
A-401/ ENLARGED PLAN - RECEPTION
SCALE: 1/4" = 1'-0"

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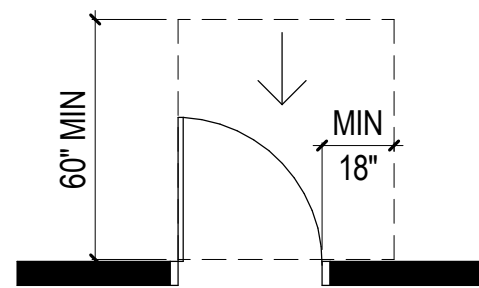
PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING ENLARGED PLANS

SHEET
A-401

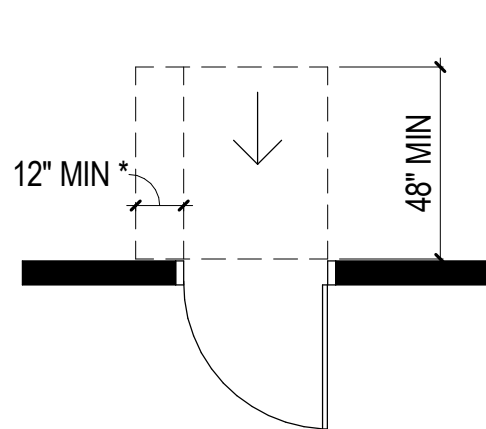
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KEY NOTES

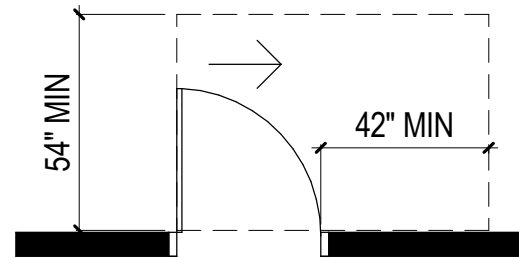
(REFER TO SHEET A-101)



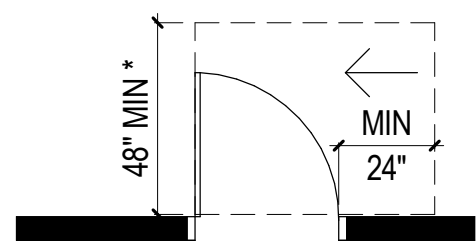
(a) FRONT APPROACH, PULL SIDE



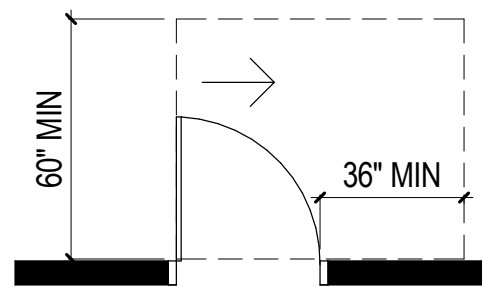
(c) FRONT APPROACH, PUSH SIDE
EXISTING BUILDINGS
* If both closer and latch are provided



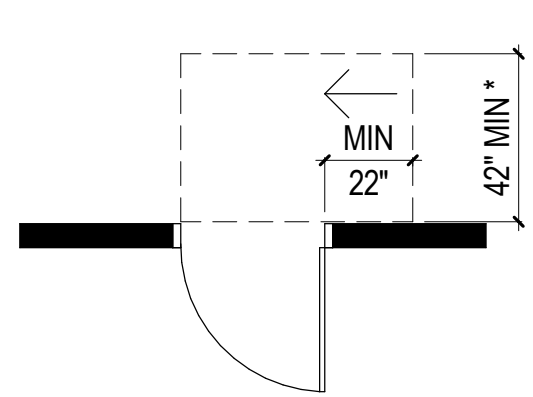
(e) HINGE APPROACH, PULL SIDE



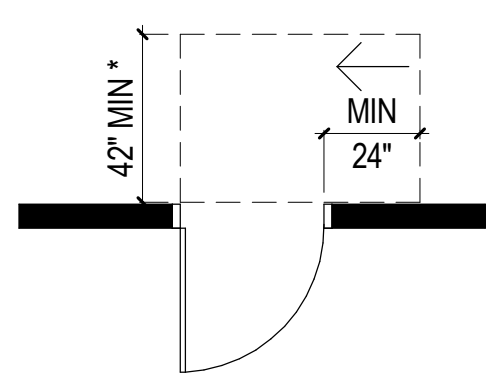
(g) LATCH APPROACH, PULL SIDE
* 54" MIN if closer is provided



(d) HINGE APPROACH, PULL SIDE



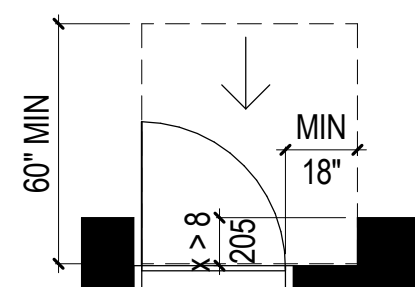
(f) HINGE APPROACH, PUSH SIDE
* 48" MIN if both closer and latch provided



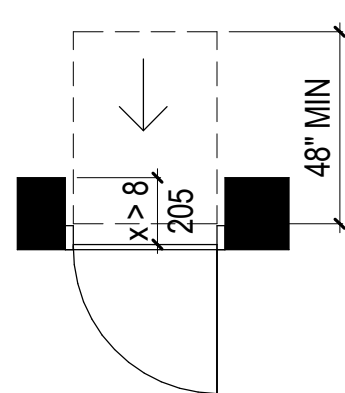
(h) LATCH APPROACH, PUSH SIDE
* 48" MIN if closer is provided

DOOR APPROACH AND CLEARANCES

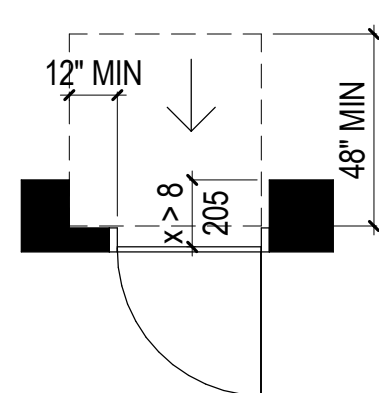
SCALE: 1/4" = 1'-0"



(d) RECESSED DOORS AND GATES -
EXISTING BUILDINGS PULL SIDE



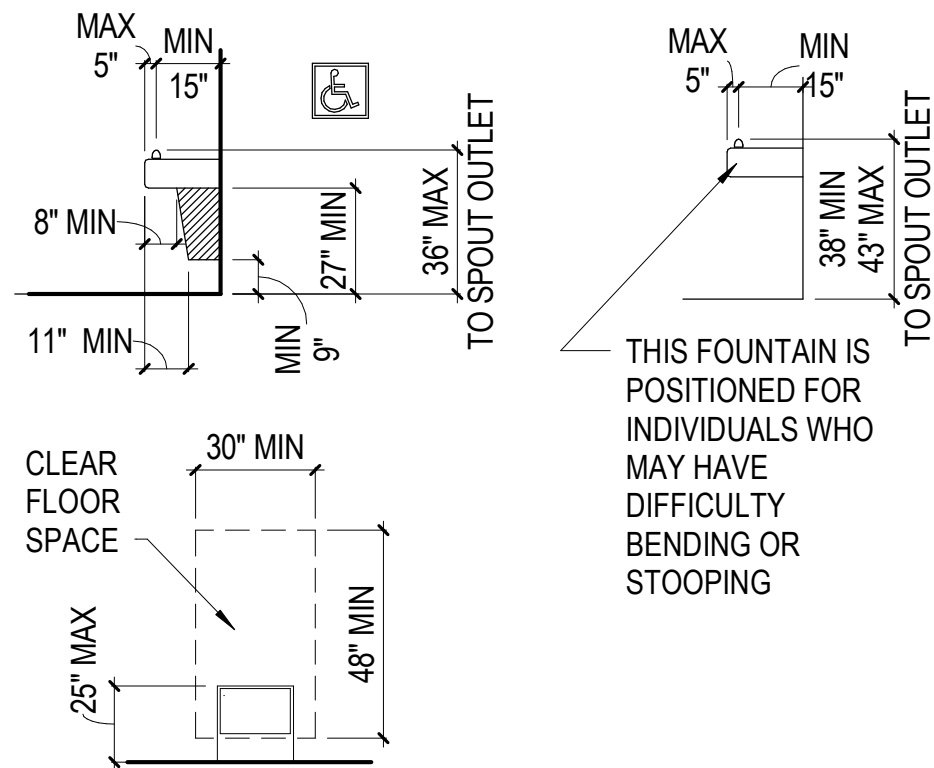
(e) RECESSED DOORS AND GATES -
EXISTING BUILDINGS PUSH SIDE



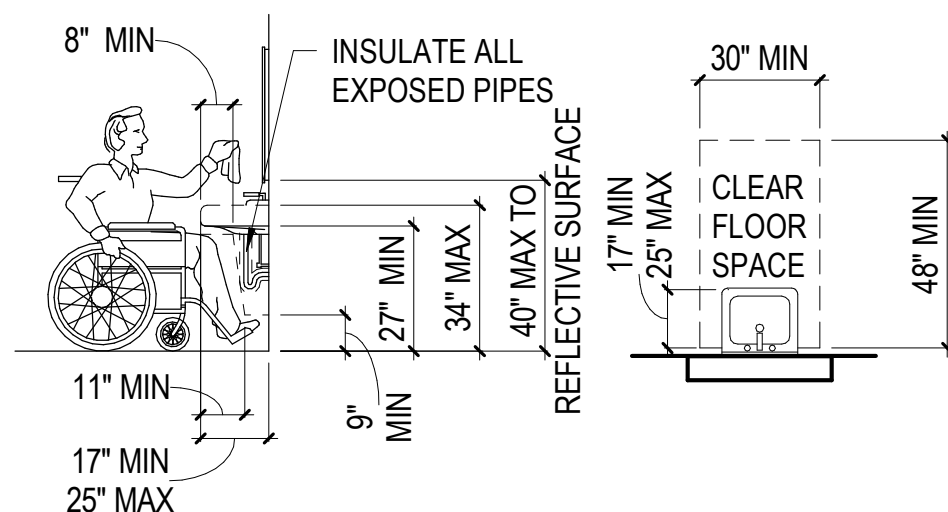
(f) RECESSED DOORS AND GATES -
EXISTING BUILDINGS PUSH SIDE
Door Provided with BOTH closer and latch

RECESSED DOOR APPROACH AND CLEARANCES

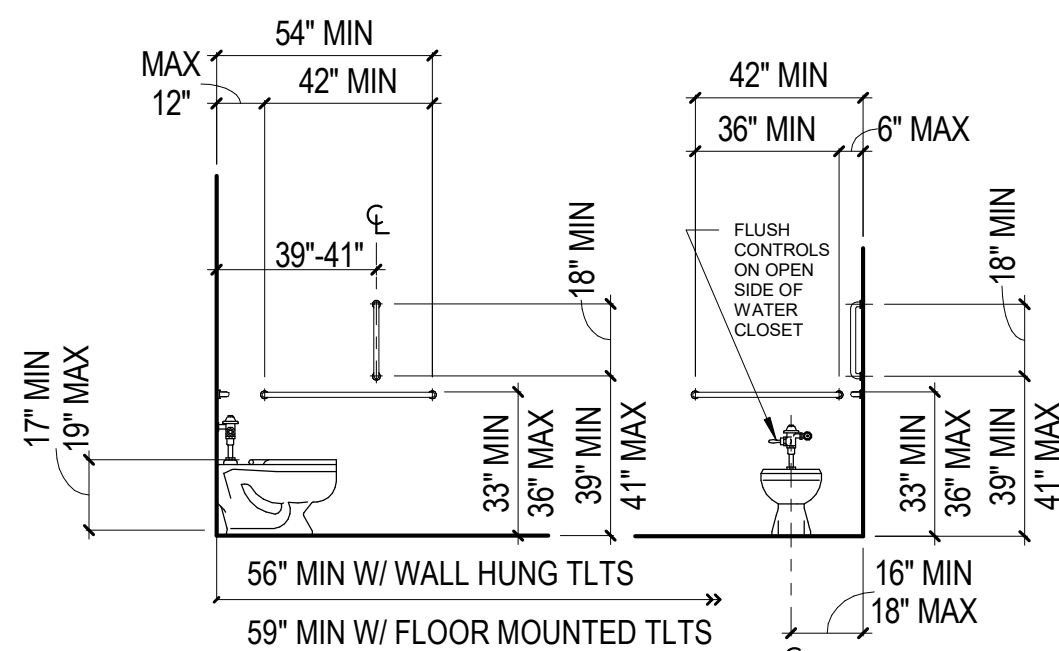
SCALE: 1/4" = 1'-0"



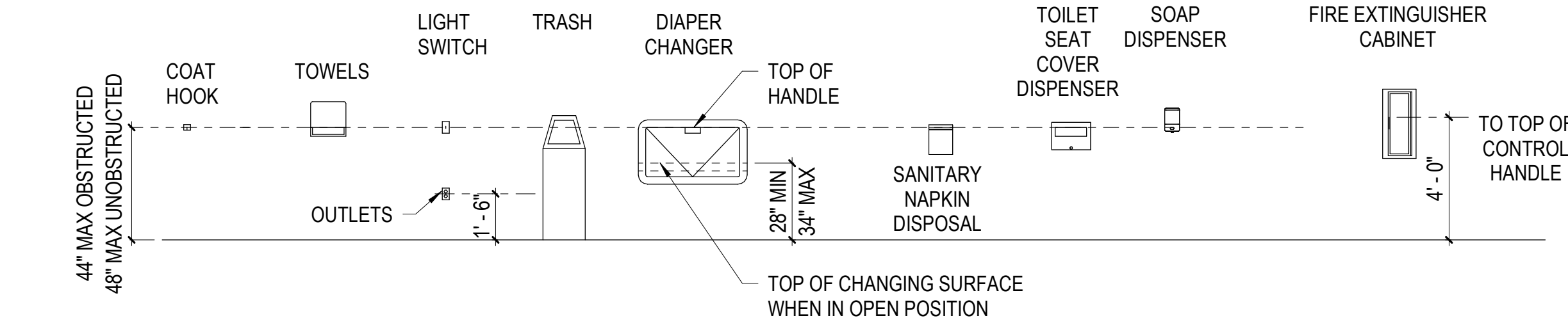
DRINKING FOUNTAINS AND WATER COOLERS



LAVATORY CLEARANCES



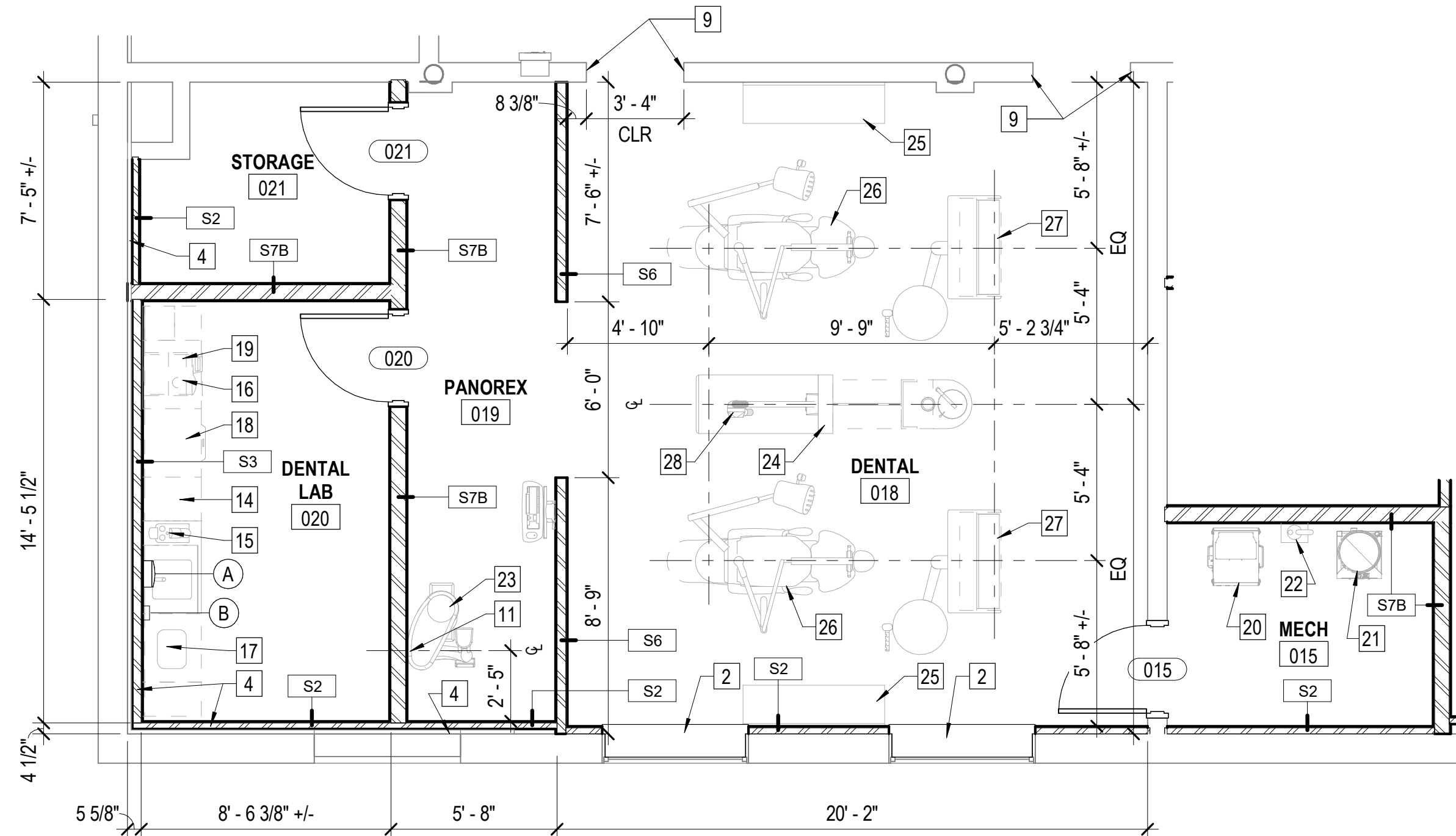
WHEELCHAIR ACCESSIBLE
TOILET COMPARTMENT



MISCELLANEOUS FIXTURES AND ACCESSORIES

TYPICAL ACCESSIBILITY GUIDELINES

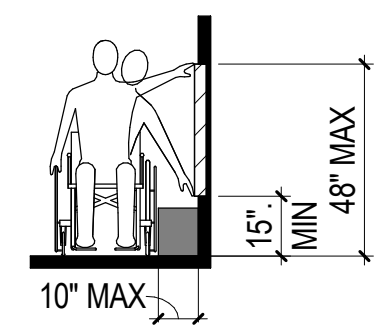
SCALE: 1/4" = 1'-0"



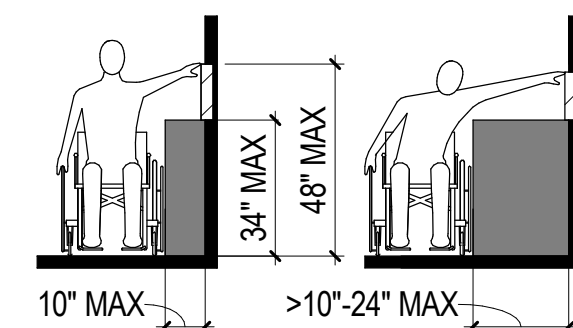
DENTAL EQUIPMENT SHOWN FOR REFERENCE AND IS PROVIDED AND INSTALLED BY THE OWNER'S DENTAL EQUIPMENT VENDOR UON. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S DENTAL EQUIPMENT VENDOR THE PROJECT SCHEDULE FOR EQUIPMENT INSTALLATION AND ANY UTILITY INSPECTIONS THAT MAY BE REQUIRED BY THE VENDOR PRIOR TO BEING CONCEALED.

C4 ENLARGED PLAN - DENTAL LAB

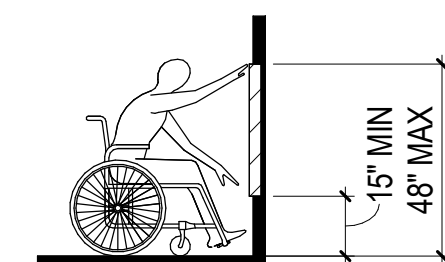
A-402 SCALE: 1/4" = 1'-0"



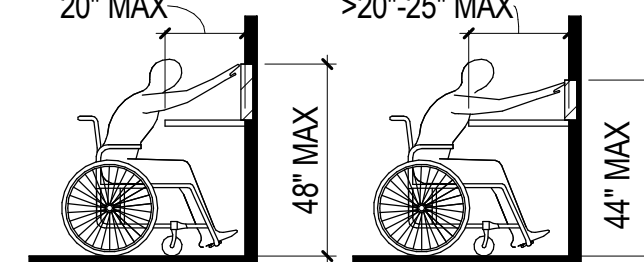
UNOBSTRUCTED SIDE REACH
REACH GUIDELINES



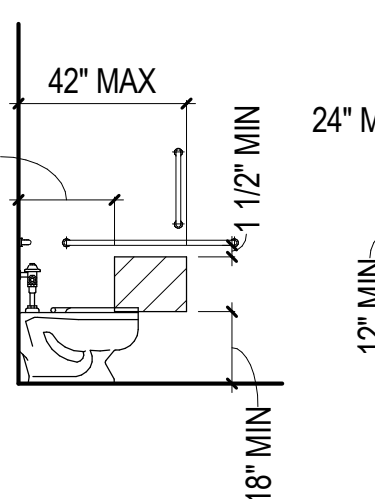
OBSTRUCTED SIDE REACH



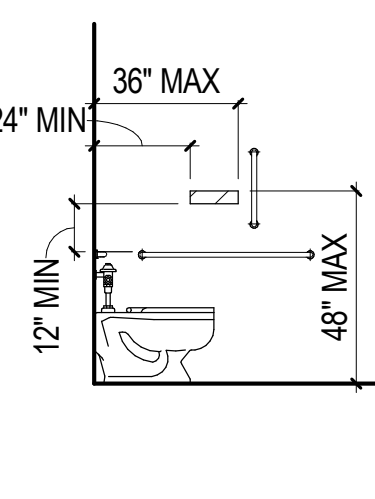
UNOBSTRUCTED FORWARD REACH



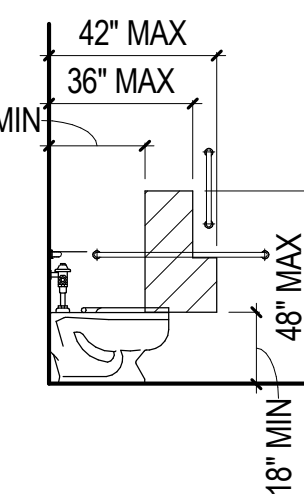
OBSTRUCTED HIGH FORWARD REACH



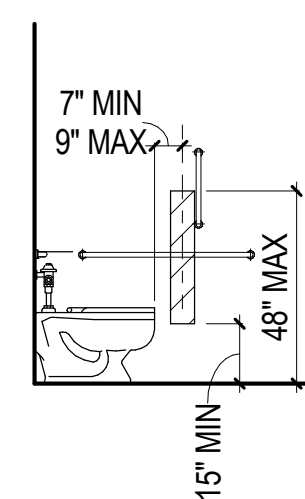
PROTRUDING DISPENSER
BELOW GRAB BAR



PROTRUDING DISPENSER
ABOVE GRAB BAR



OUTLET LOCATION
RECESSED DISPENSER

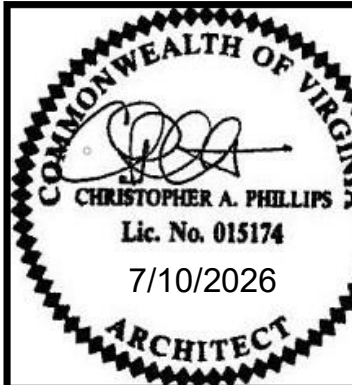


DISPENSER OUTLET LOCATION
DISPENSER IN FRONT OF WATER CLOSET - EXCEPTION

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DRU
07-10-2026	25117-01	ACH	CORACH		

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DRU
07-10-2026	25117-01	ACH	CORACH		

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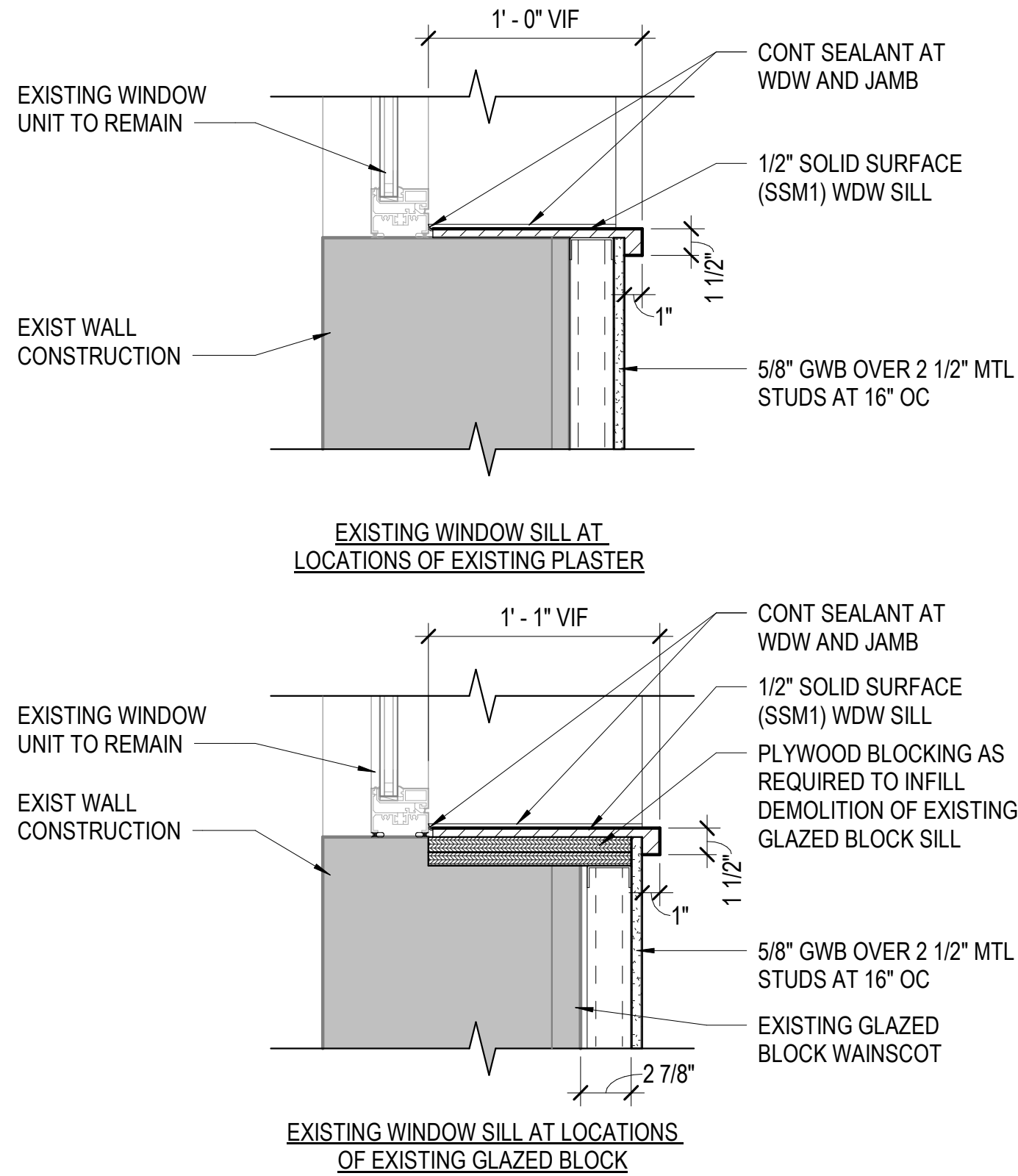
PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING ENLARGED PLANS

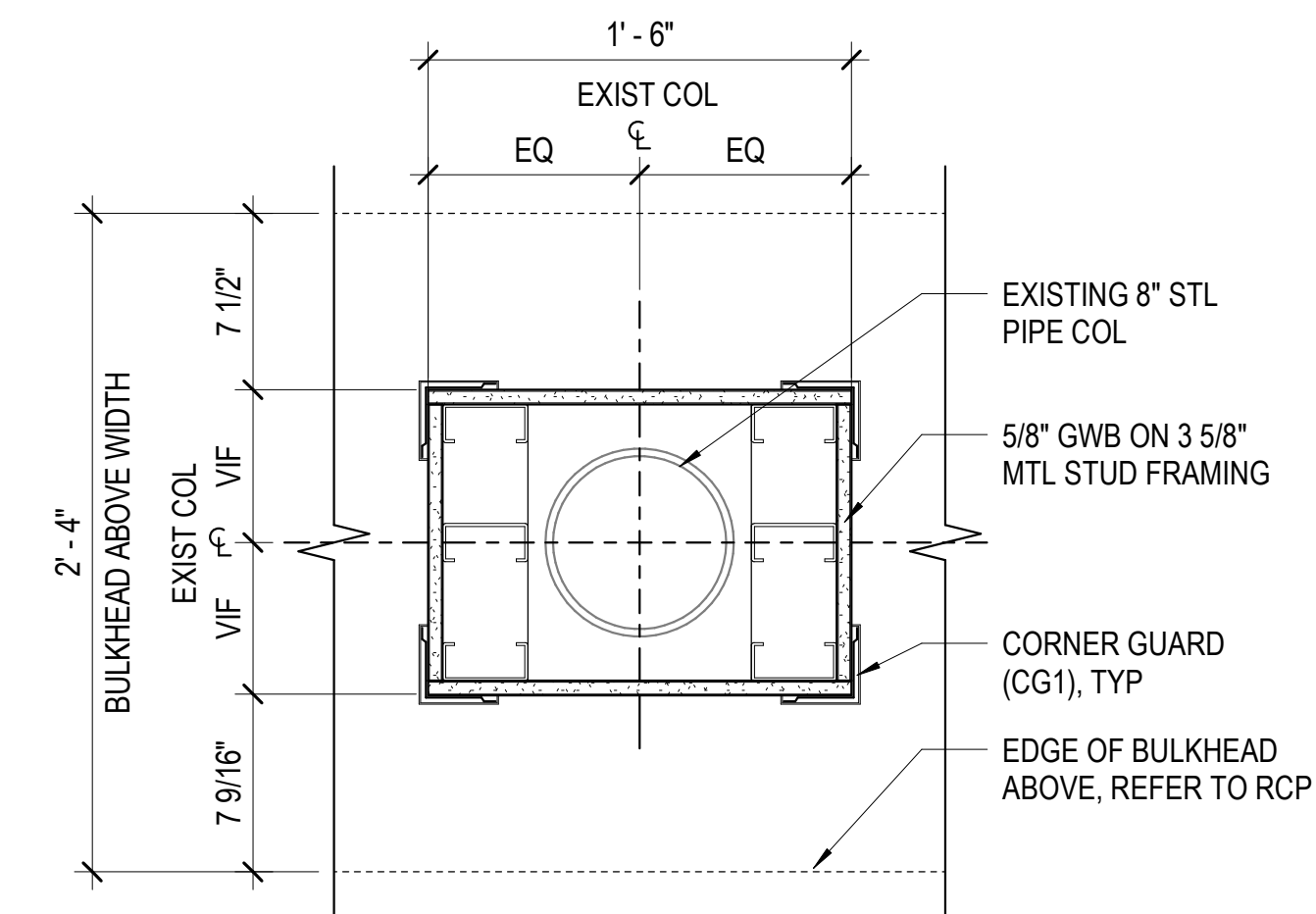
SHEET

A-402

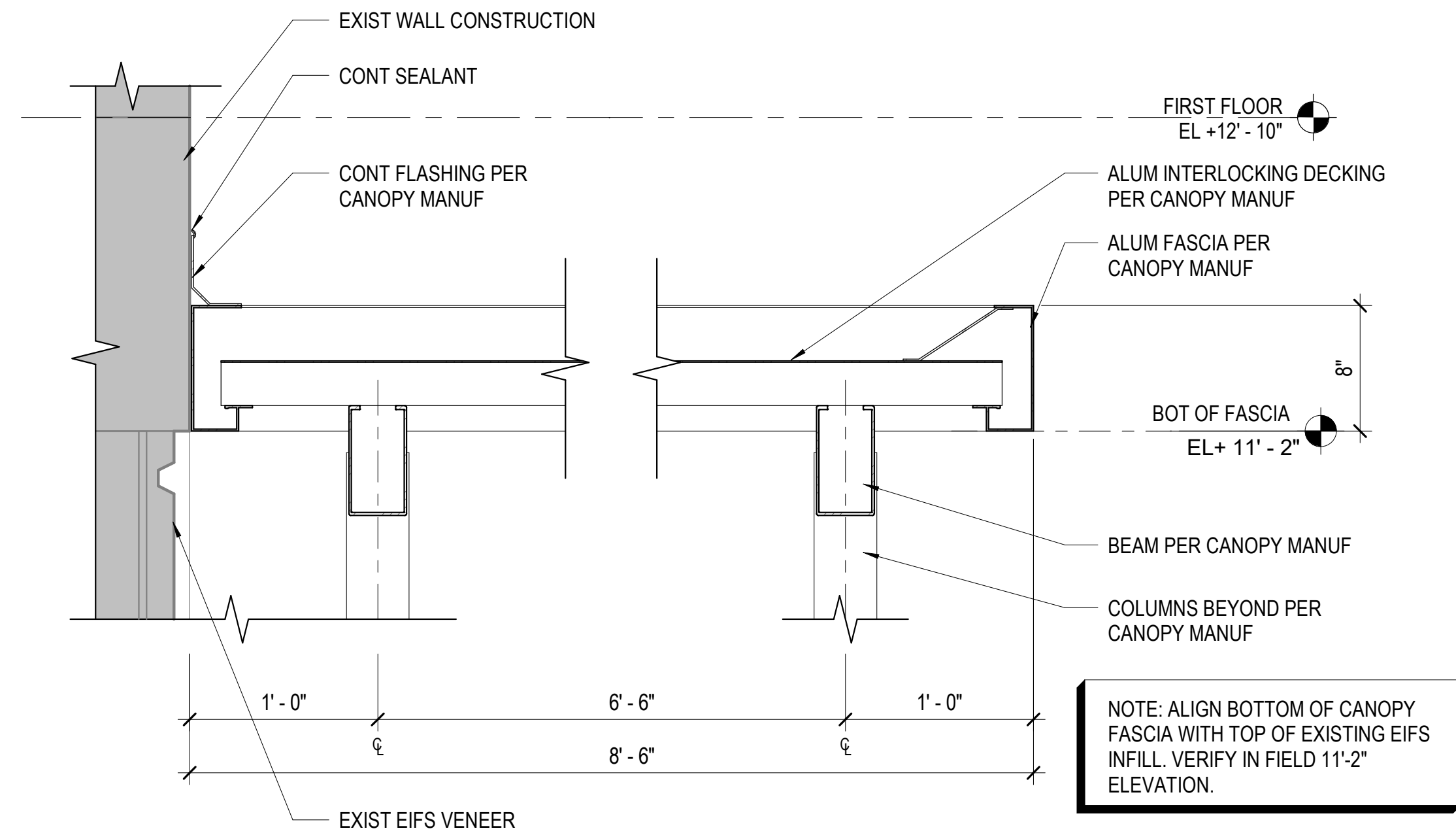
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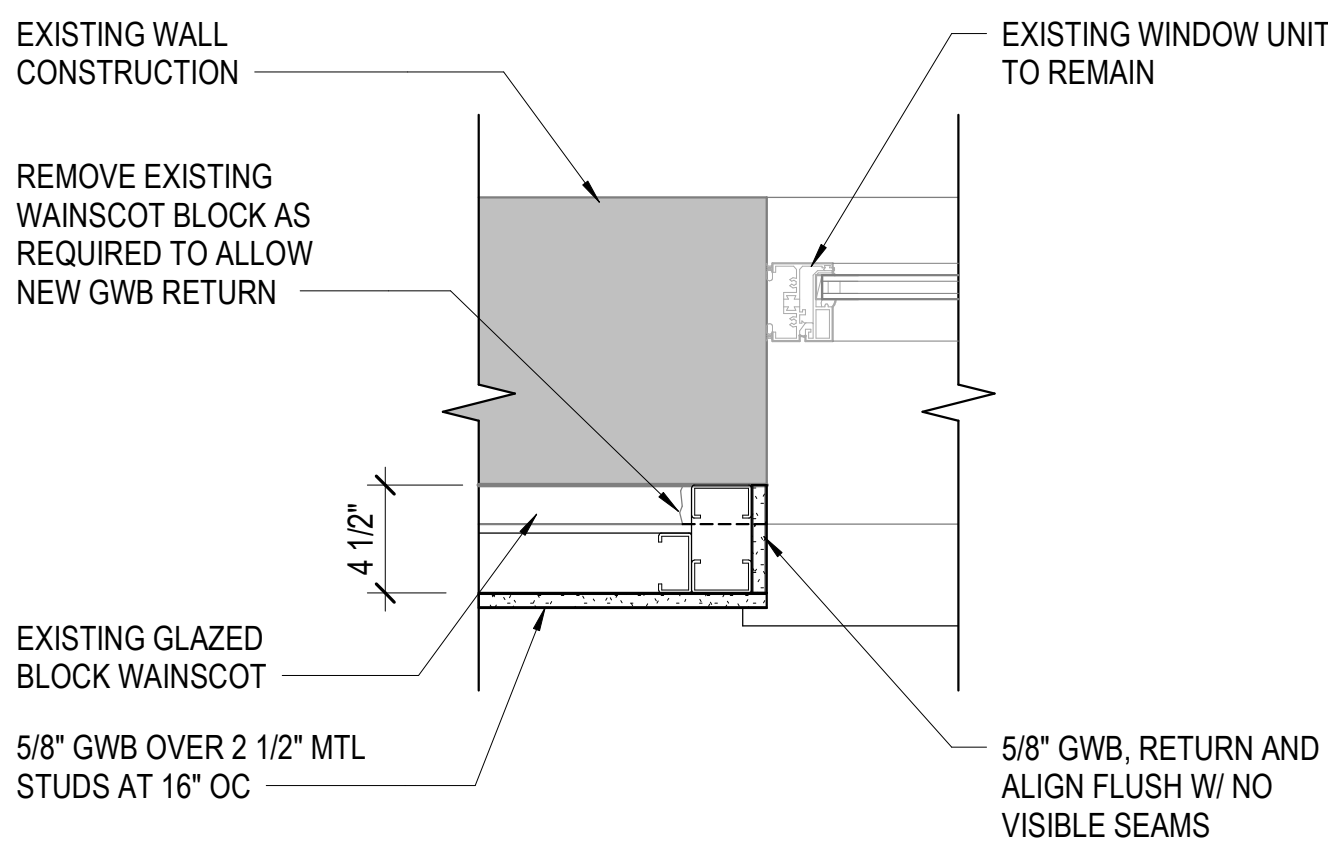
B1
A-501 SILL DETAIL - EXISTING WINDOW
SCALE: 1 1/2" = 1'-0"



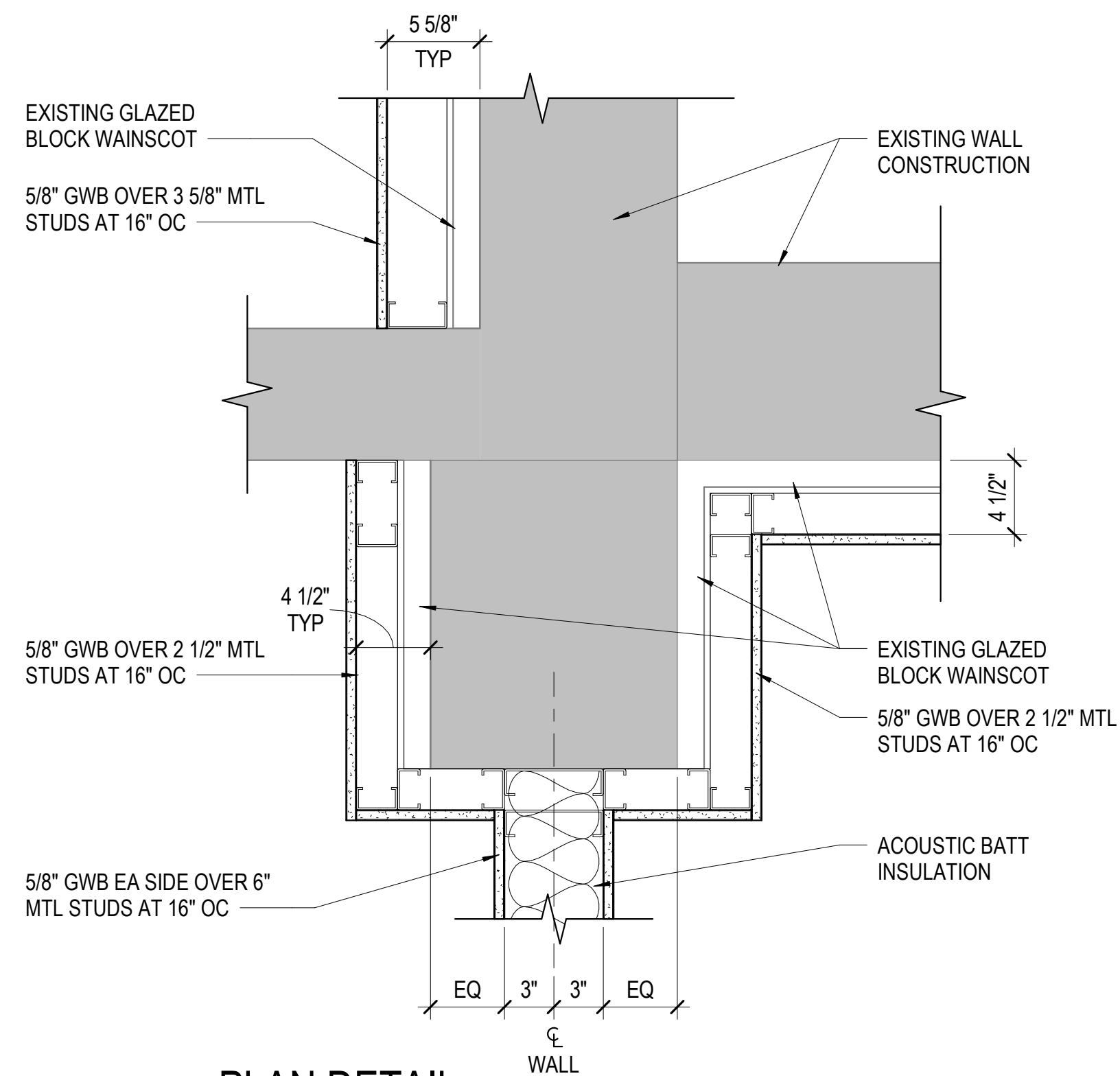
A1
A-501 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



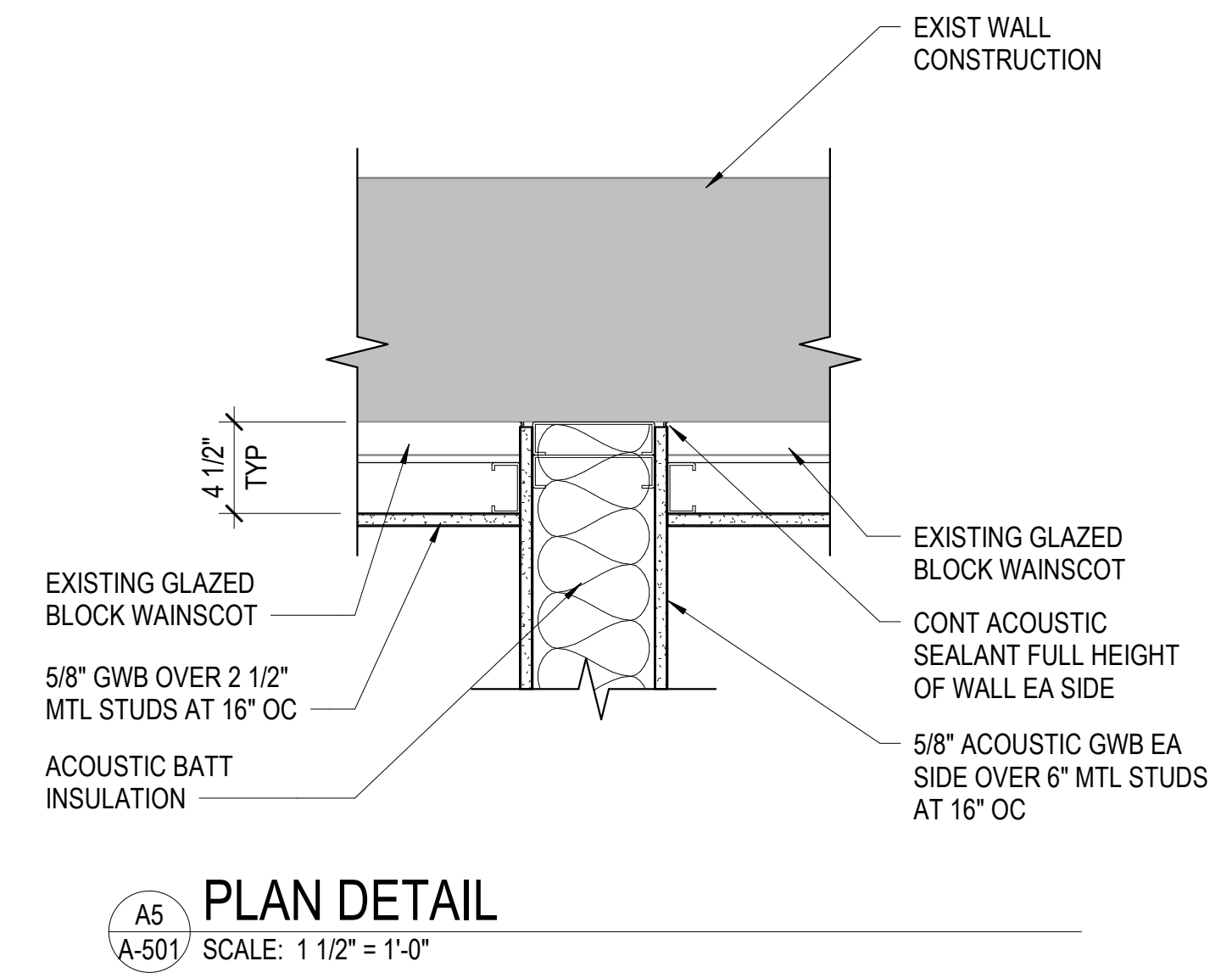
B2
A-501 SECTION DETAIL - PREFAB CANOPY
SCALE: 1 1/2" = 1'-0"



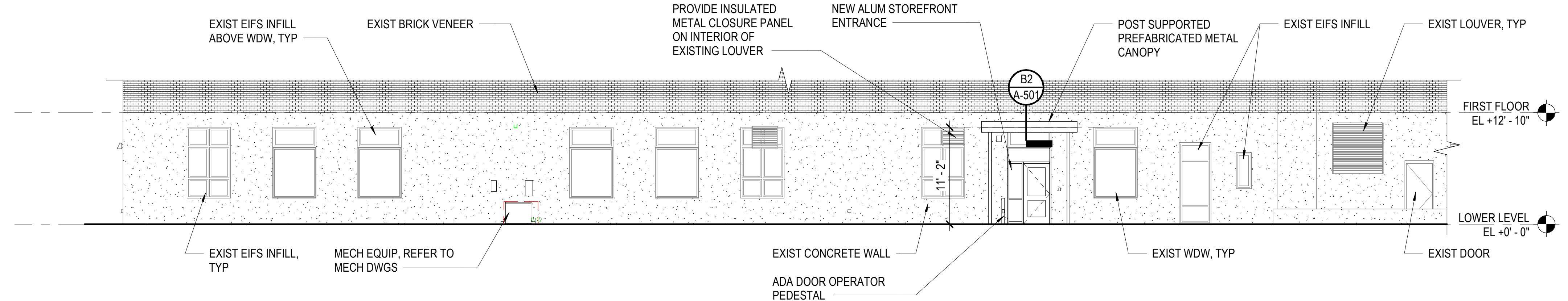
A2
A-501 PLAN DETAIL - FURRING AT EXIST WINDOW
SCALE: 1 1/2" = 1'-0"



A3
A-501 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



A5
A-501 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



D2
A-501 ENTRANCE ELEVATION
SCALE: 1/8" = 1'-0"

D

C

B

A

DES	BY	MARK	DATE	REVISIONS

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DRU
07-10-2026	25117-01	ACH	CORACH		

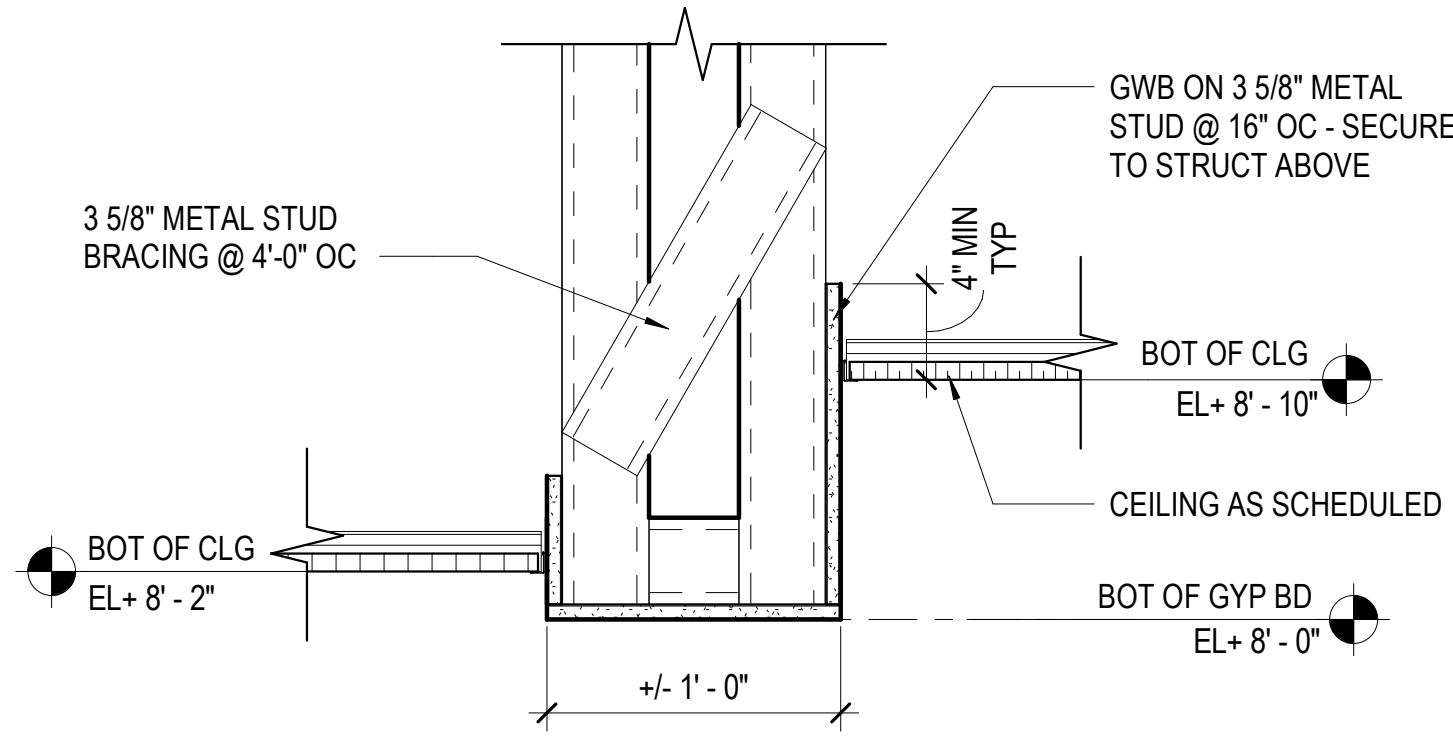


PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING MISC DETAILS

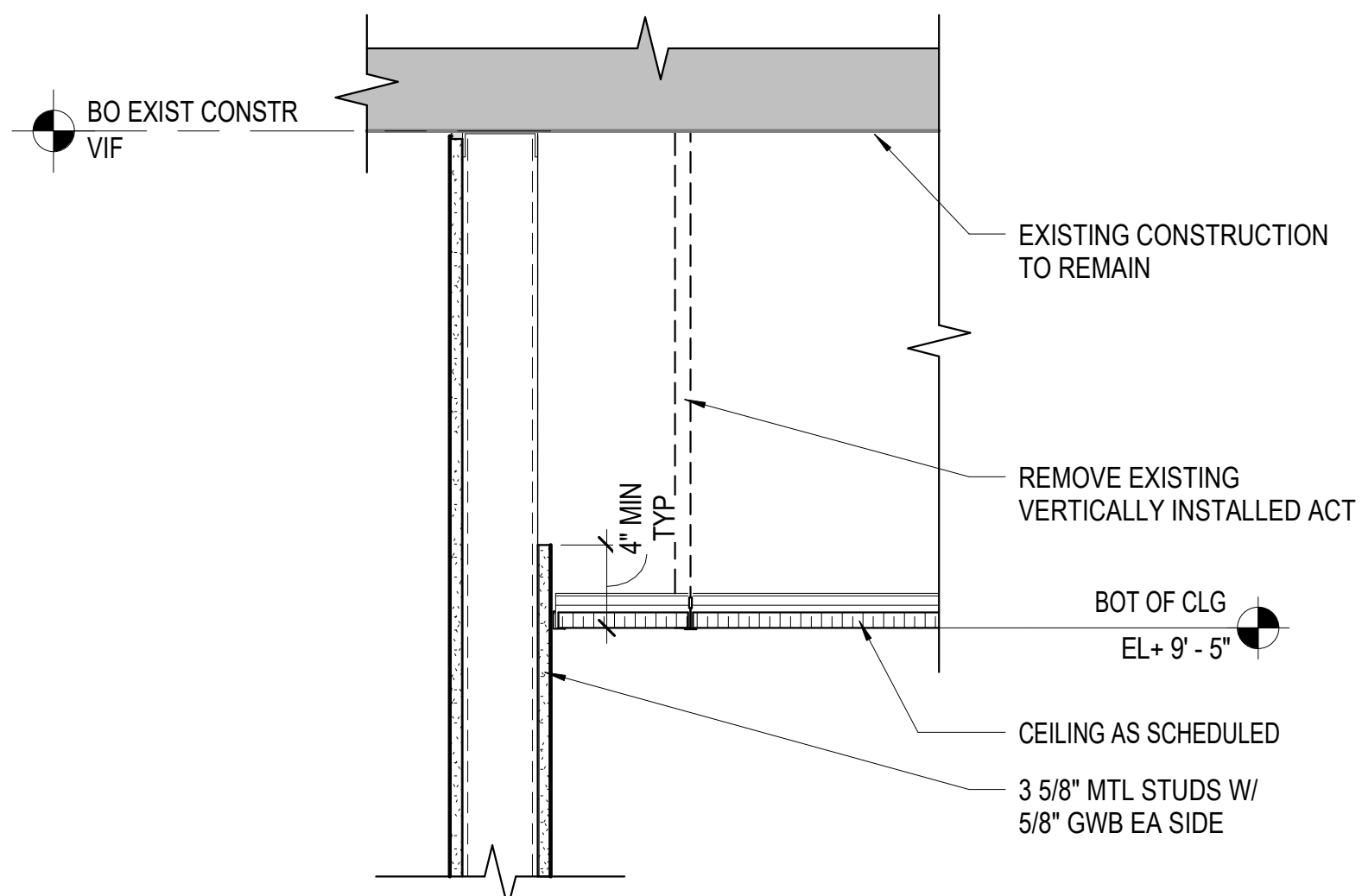
SHEET
A-501

Autodesk Docs://25117-01 Albert Harris ES/25117-01 v28 Albert Harris ES - ARCH.rvt

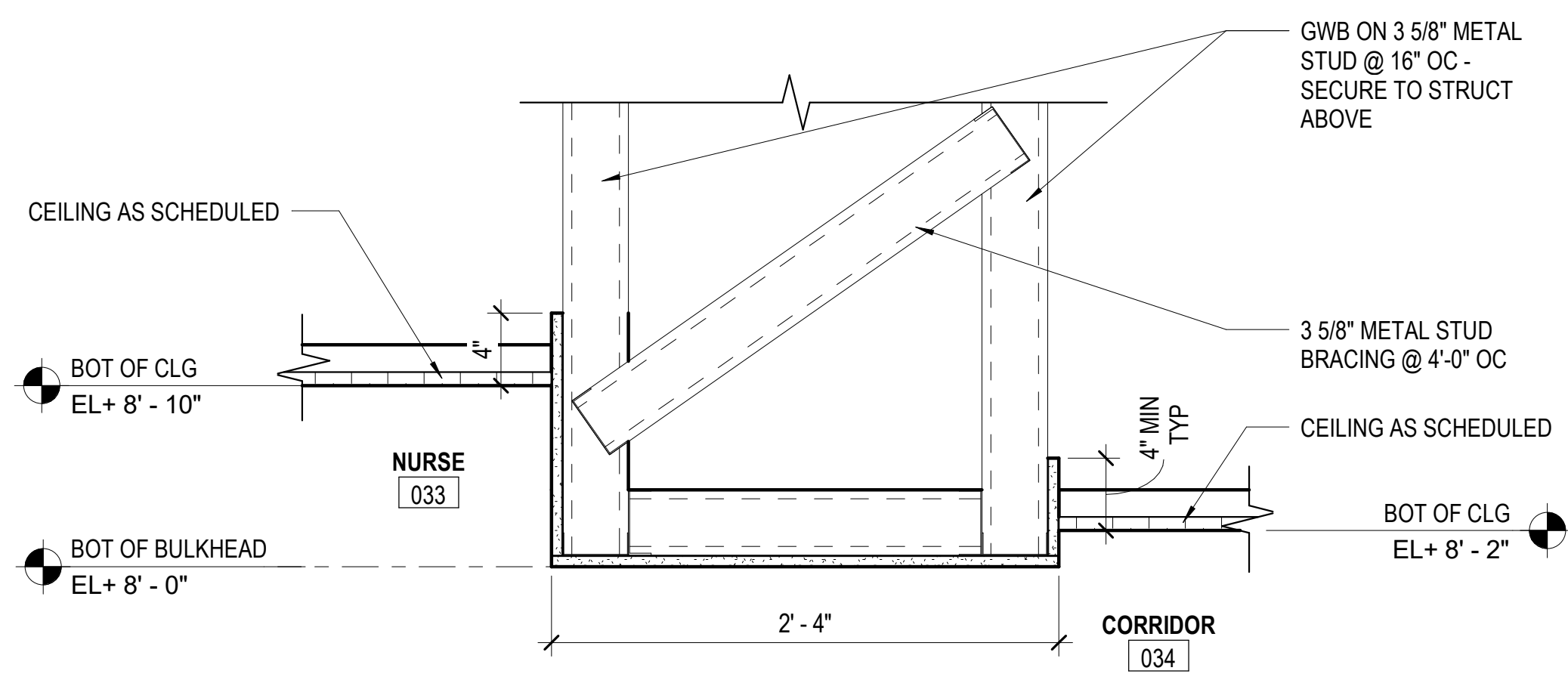
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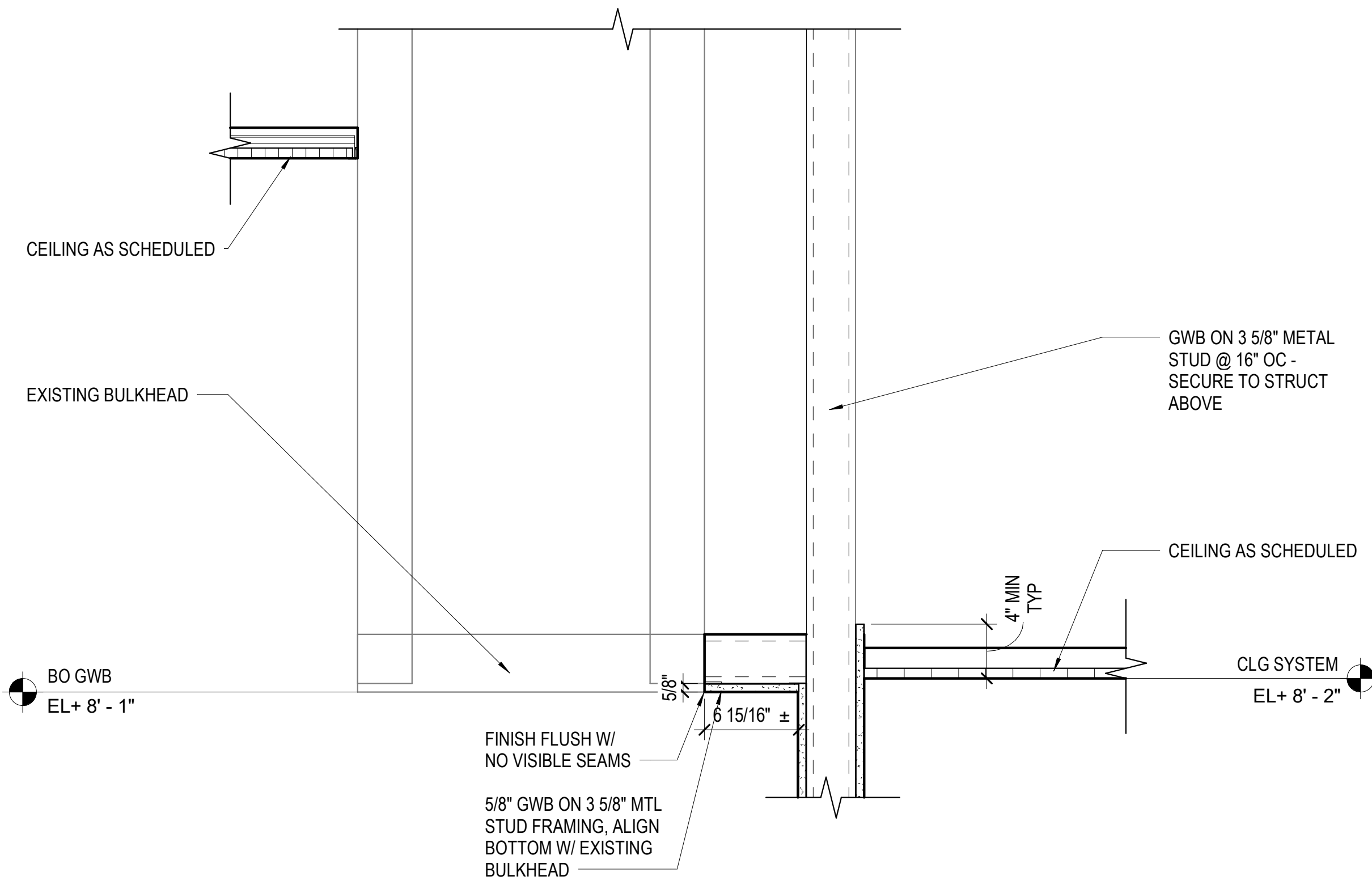
D1 RCP DETAIL - CORR 034
A-502 SCALE: 1 1/2" = 1'-0"



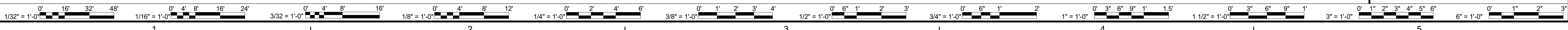
B1 RCP DETAIL - CORR 022
A-502 SCALE: 1 1/2" = 1'-0"



A1 RCP DETAIL - NURSE STATION
A-502 SCALE: 1 1/2" = 1'-0"



A3 RCP DETAIL - CORR 006
A-502 SCALE: 1 1/2" = 1'-0"



DATE		07-10-2026		PROJECT		25117-01		DESIGNED		ACH		DRAWN		COR/ACH		DRJ	
MARK		DATE		BY		DES		REVISIONS									

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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
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710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING CEILING DETAILS

SHEET

A-502

Autodesk Docs/725117-01 Albert Harris ES/25117-01 v28 Albert Harris ES - ARCH.rvt

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FINISH SCHEDULE										
ROOM NUMBER	ROOM NAME	FLOOR	WALL BASE	WALLS				CEILING		NOTES
				N	S	E	W			
001	WAIT	LVT1	RB1	PT1	PT/CR1	WP1	PT2/CR1	ACT1		
002	RECEPTION	LVT1	RB1	PT1	PT1	PT3	PT1	ACT1	7	
003	BREAKROOM	LVT1	RB1	PT1	PT1	PT3	PT1	ACT1		
004	MECH	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	-	
005	STAIR	EXIST	RB1	EXIST	EXIST	EXIST	PT1	ACT1/PT1	1,6	
006	CORRIDOR	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1		
007	EMPLOYEE TOILET	PRT1	PRT2	PRT1/PT1	PRT1/PT1	PRT1/PT1	PRT1/PT1	ACT1	4,5	
008	UNISEX TOILET	PRT1	PRT2	PRT1/PT1	PRT1/PT1	PRT1/PT1	PRT1/PT1	ACT1	4,5,7	
009	LAB STORAGE	LVT1	RB1	PT1	PT1	PT1	PT1	ACT1		
010	PATIENT TOILET	PRT1	PRT2	PRT1/PT1	PRT1/PT1	PRT1/PT1	PRT1/PT1	ACT1	4,5	
011	LAB	LVT1	RB1	PT1	PT1	PT1	PT3	ACT1	7	
012	JAN/ UTILITY	SV1	SVB1	PT1	PT1/WP1	PT1/WP1	PT1	ACT1	2,3,4	
013	STORAGE	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1		
014	CORRIDOR	LVT3	RB1	--	PT1	PT1	PT1	ACT1/PT1		
015	MECH	SC1	RB2	PT1	PT1	PT1	PT1	ACT1		
016	IT	SC1	RB2	PT1	PT1	PT1	PT1	PT1		
017	ELEC	SC1	RB2	PT1	PT1	PT1	PT1	PT1		
018	DENTAL	LVT3	RB1	PT1	PT3	PT1	PT1	ACT1/PT1	7	
019	PANOREX	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1/PT1		
020	DENTAL LAB	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1		
021	STORAGE	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1		
022	CORRIDOR	EM1	RB2	PT1	PT1	PT1	PT1	ACT1		
023	BH OFFICE	CPT1	RB1	PT3	PT1	PT1	PT1	ACT1		
024	BH CONSULT	CPT1	RB1	PT3	PT1	PT1	PT1	ACT1		
025	CORRIDOR	LVT3	RB1	PT1	--	PT1	PT1	ACT1		
026	GROUP THERAPY / CONF	CPT1	RB1	PT3	PT1	PT1	PT1	ACT1	7	
027	VISION	LVT2	RB1	PT4	PT1	PT1	PT1	ACT1		
028	VISION STOR	LVT3	RB1	PT1	PT1	PT1	PT1	ACT1		
029	EXAM 1	LVT2	RB1	PT1	PT4	PT1	PT1	ACT1		
030	EXAM 2	LVT2	RB1	PT4	PT1	PT1	PT1	ACT1	7	
031	EXAM 3	LVT2	RB1	PT4	PT1	PT1	PT1	ACT1	7	
032	PROVIDERS OFFICE	CPT1	RB1	PT3	PT1	PT1	PT1	ACT1		
033	NURSE	LVT3	RB1	PT3	--	PT3	PT1	ACT1/PT1		
034	CORRIDOR	LVT3	RB1	PT1,3,4	PT1,3,4	PT1	PT1	ACT1/PT1		
036	STAIR	EXIST	TME	EXIST	EXIST	EXIST	EXIST	EXIST	1	

GENERAL FINISH NOTES

- A. THE FINISH SCHEDULE INDICATES ONLY THE BASIC OR PREDOMINANT SURFACE FINISHES OF EACH SPACE. REFER TO KEYNOTES, DETAILS, ELEVATIONS, RCP'S AND FINISH PLANS FOR THE FULL RANGE AND EXTENT OF FINISHES REQUIRED TO COMPLETE THE WORK FOR EACH SPACE.
- B. CONTRACTOR TO CHECK AND COORDINATE LEAD TIMES AND REQUIREMENTS FOR FINISHES REQUIRED TO COMPLETE THE WORK FOR EACH SPACE.
- C. PAINT GWB WALLS IN EGGSHELL FINISH AND ALL DOOR FRAMES AND MISCELLANEOUS TRIM IN SEMI-GLOSS FINISH, U.O.N.
- D. PAINT CMU WALLS IN SEMI-GLOSS FINISH, U.O.N.
- E. PROVIDE EPOXY GROUT FOR FLOOR AND WALL TILE INSTALLATIONS.
- F. FOR AREAS WITH CEILINGS NOTED AS 'EXP/PTX' PROVIDE FLAT FINISH PAINT IN COLOR AS INDICATED ON THE FINISH SCHEDULE, U.O.N.
- G. REFER TO CASEWORK ELEVATIONS AND DETAILS FOR PLASTIC LAMINATE COLOR PLACEMENT.
- H. ALL HOLLOW METAL DOORS AND DOOR FRAMES TO BE PAINTED PT2.
- I. PAINT ALL GWB SOFFITS AND BULKHEADS PT1, U.O.N.
- J. SEE REFLECTED CEILING PLANS FOR LOCATION AND EXTENT OF DIFFERING CEILING MATERIALS.
- K. ALL FLOOR TRANSITIONS SHALL BE CONCEALED BY A CLOSED DOOR.
- L. CAULK AT ALL HARD SURFACE FLOORING AND DOOR FRAME LOCATIONS. COLOR TO MATCH DOOR FRAME.
- M. WALL BASE SHALL BE RUBBER ROLL GOODS.
- N. FINISH SCHEDULE REFERS TO PLAN NORTH, NOT TRUE NORTH.

FINISH SCHEDULE NOTES

1. PROVIDE FINISHES AS REQUIRED TO MATCH EXISTING WHERE DEMO AND NEW WORK OCCURS.
2. PROVIDE INTEGRAL SHEET VINYL COVE BASE, 4"H. PROVIDE CAULK, COLOR TO MATCH SV, AT TOP OF SHEET VINYL BASE COVE CAP.
3. PROVIDE 4'-0" x 8'-0" RIGID WALL PROTECTION, WP1, HORIZONTAL ON WALLS. PROVIDE COLOR MATCH TOP CAP AND TRIM AT ALL SEAMS. CAULK AT TOP OF TOP CAP.
4. PROVIDE EPOXY PAINT, THIS ROOM.
5. PROVIDE PRT2 UP TO 6'-6" AFF WITH TR1 ON TOP OF TILE. PAINT PT1 ABOVE TILE.
6. PROVIDE NEW WALL BASE ONLY AT LOCATION OF NEW WORK. EXISTING GLAZED BLOCK TO REMAIN.
7. PROVIDE RS1, THIS ROOM.

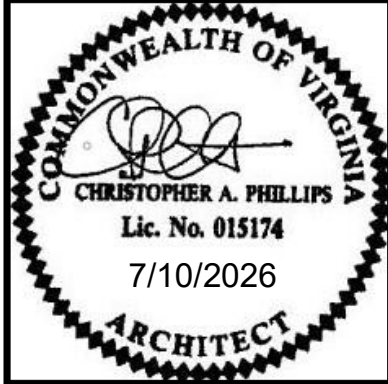
FINISH LEGEND					
SYMBOL	PRODUCT	MANUFACTURER	PRODUCT # / STYLE	COLOR	NOTES
FLOOR					
CPT1	CARPET	INTERFACE	BOUND TO LAST	FOSSIL 108558	50CM x 50CM; INSTALL ASHLAR
EM1	ENTRY CARPET	MILLIKEN	OBEX TILE - FIBER	DARK GREY FRC118-119	50CM x 50CM; INSTALL MONOLITHIC
LVT1	LUXURY VINYL TILE	INTERFACE	RAW MATERIALS	ELECTRIC BLUE A04205	25CM x 1M; 4.5MM THICK; INSTALL STAGGER PLAN NORTH/SOUTH
LVT2	LUXURY VINYL TILE	INTERFACE	RAW MATERIALS	GRASS GREEN A04203	25CM x 1M; 4.5MM THICK; INSTALL STAGGER PLAN NORTH/SOUTH
LVT3	LUXURY VINYL TILE	INTERFACE	ON GRAIN	EUROPEAN WALNUT A03302	25CM x 1M; 4.5MM THICK; INSTALL STAGGER PLAN EAST/WEST
PRT1	PORCELAIN TILE	DALTILE	ARTICULO	COLUMN GREY AR09	12x24"; INSTALL 1/3 BRICK STAGGER
SC	SEALED CONCRETE	--	--	--	--
SV1	SHEET VINYL	PATCRAFT	SENSE SHEET	EASE 00100	78.12"W; COLOR MATCH HEAD WELDED SEAMS
BASE					
RB1	RESILIENT BASE	TARKETT	BASEWORKS THERMOST RUBBER TYPE TS	FAWN 80	4"H COVE BASE; RUBBER ROLL GOODS
RB2	RESILIENT BASE	TARKETT	BASEWORKS THERMOST RUBBER TYPE TS	BURNT UMBER 63	4"H COVE BASE; RUBBER ROLL GOODS
SVB1	SHEET VINYL	PATCRAFT	SENSE SHEET	EASE 00100	4"H INTEGRAL COVE WITH TOP CAP; COLOR MATCH HEAD WELDED SEAMS
WALLS					
PRT2	PORCELAIN TILE	DALTILE	PORTFOLIO	WHITE	12"x24"; INSTALL HORIZONTAL STACK
PT1	PAINT	SHERWIN WILLIAMS	REFER TO SPECIFICATION FOR PRODUCT TYPE PER SUBSTRATE	GREEK VILA SW7551	FIELD PAINT
PT2	PAINT	SHERWIN WILLIAMS	REFER TO SPECIFICATION FOR PRODUCT TYPE PER SUBSTRATE	MINDFUL GRAY SW7016	HM TRIM
PT3	PAINT	SHERWIN WILLIAMS	REFER TO SPECIFICATION FOR PRODUCT TYPE PER SUBSTRATE	SECRET COVE SW9058	BLUE ACCENT
PT4	PAINT	SHERWIN WILLIAMS	REFER TO SPECIFICATION FOR PRODUCT TYPE PER SUBSTRATE	NUTURE GREEN SW6451	ACCENT GREEN
WCP1	WALLCOVERING PROTECTION	WOLF GORDON	RAMPART	CEDAR GAI 5102	52"W
WP1	WALL PROTECTION	INPRO CORPORATION	PALLADIUM RIGID SHEET	WHITE SAND 103	4' x 8' SHEET; HORIZONTAL INSTALL
CEILINGS					
ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	1492 CANYON 15/16 BEVELED TEGULAR	WHITE	24 x 24" TILE, 15/16" PRELUDE XL; WHITE
MISCELLANEOUS					
CG1	CORNER GUARD	INPRO CORPORATION	150 HIGH IMPACT CORNER GUARD	WHITE SAND 103	FULL HEIGHT; 3" WINGS' 90 DEGREES
CR1	CHAIR RAIL	INPRO CORPORATION	1400 WALL GUARD	WHITE SAND 103	4"H; 12' LENGTHS
GR1	GROUT	MAPEI	EPOXY GROUT	02 PEWTER	PROVIDE WITH PRT1
GR2	GROUT	MAPEI	EPOXY GROUT	38 AVALANCHE	PROVIDE WITH PRT2
PLAM1	PLASTIC LAMINATE	WILSONART	--	LOFT OAK 7968-12	VERTICAL GRAIN DIRECTION
PLAM2	PLASTIC LAMINATE	WILSONART	--	HANDSPUN CHESTNUT 5036-38	
RS1	ROLLER SHADE	MECHOSHADE	MECHO 5 SYSTEM	EUROTWILL 3% OPENNESS, COLOR: SILVER BIRCH 6456	CLEAR ANODIZED FASCIA AND ACCESSORIES, INSTALL ON WINDOW FRAME
SSM1	SOLID SURFACE MATERIAL	MEGANITE		BLANCA GRANITE	1/2" MATERIAL
TR1	METAL TRIM	SCHLUTER SYSTEMS	JOLLY	BRUSHED NICKEL ANODIZED	TOP OF TILE WAINSCOT TRIM



DATE	07-10-2026	PROJECT	25117-01	JAS	JAS	DRU
DESIGNED		DRAWN				
CHECKED						
MARK		DATE				
REVISIONS						



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Roanoke, Virginia 24011
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PROJECT

MARTINSVILLE CITY PUBLIC SCHOOLS

PATHS CLINIC AT ALBERT HARRIS ELEMENTARY

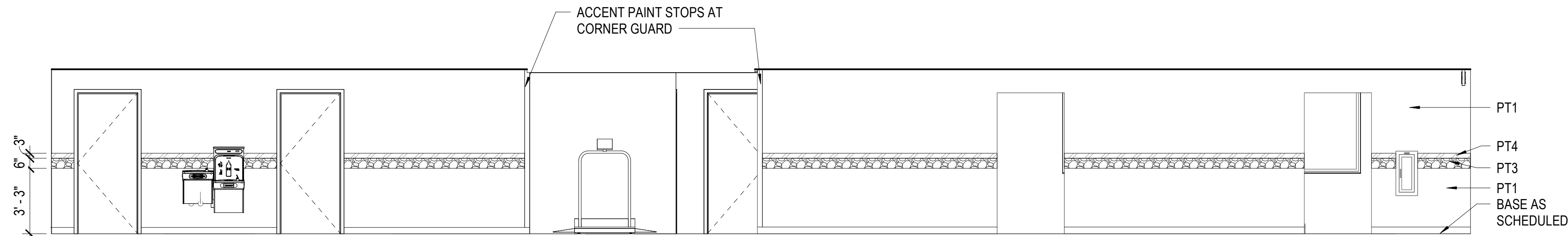
710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING

FINISH SCHEDULE

SHEET

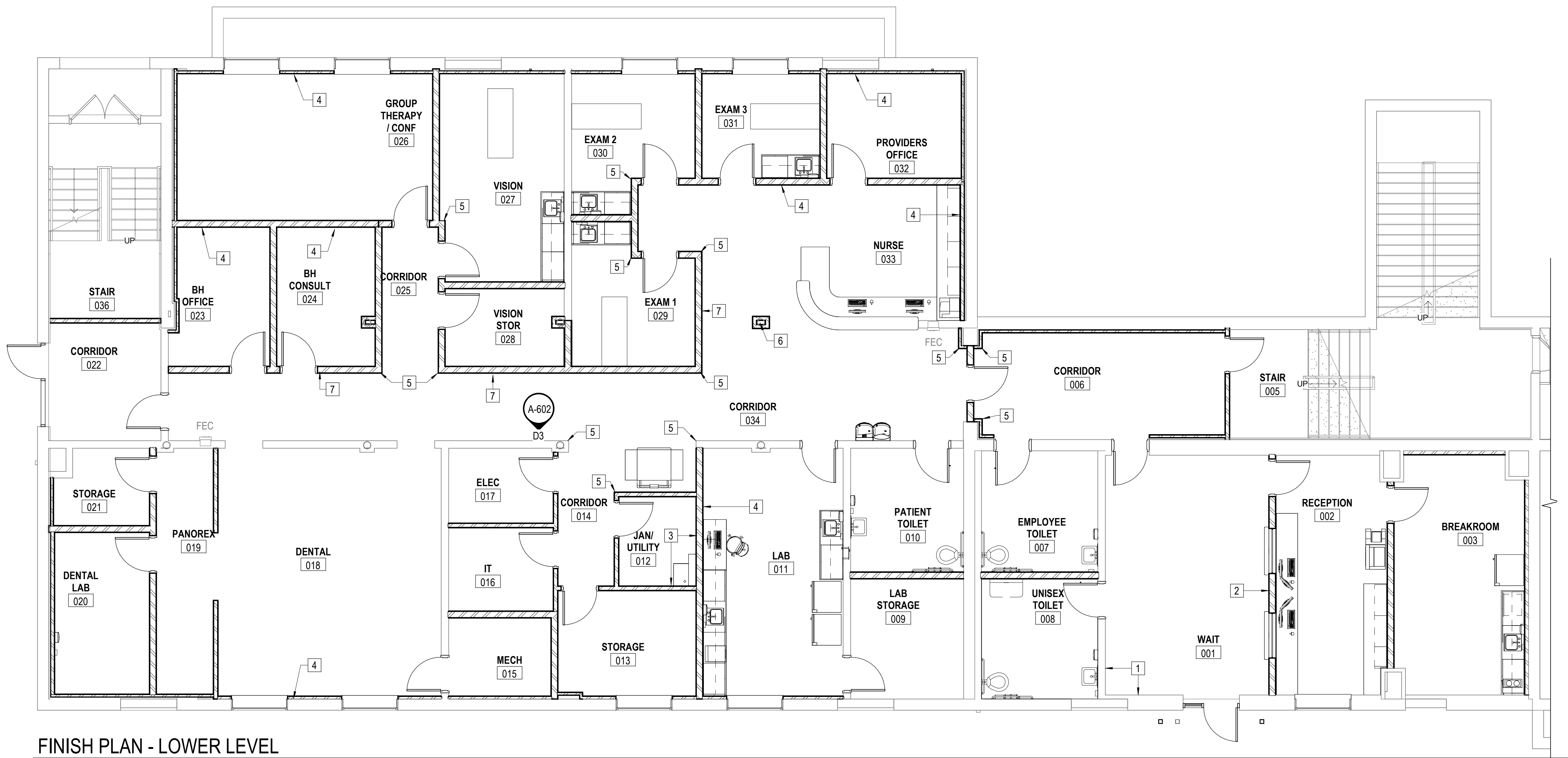
A-601



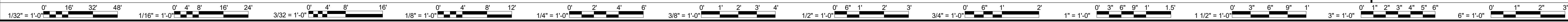
CORRIDOR 034
D3 A-602 SCALE: 1/4" = 1'-0"

FINISH KEY NOTES (APPLIES TO THIS SHEET ONLY)

1. PROVIDE CR1, THIS WALL.
2. PROVIDE WCP1 THIS WALL.
3. PROVIDE WP1 THIS WALL.
4. PROVIDE PT3 THIS WALL.
5. PROVIDE CG1.
6. PROVIDE CG1 ALL CORNERS, THIS COLUMN.
7. PROVIDE ACCENT PAINT TO MATCH ELEVATION **D3/A-602** THIS WALL.



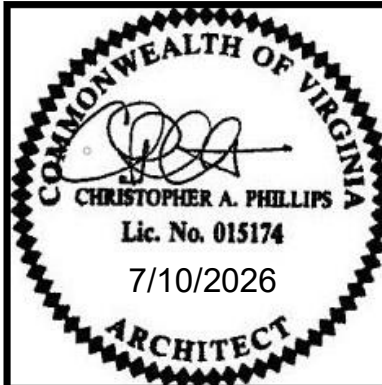
FINISH PLAN - LOWER LEVEL
SCALE: 3/16" = 1'-0"



DATE	PROJECT	DESIGNED	DRAWN	CHECKED
07-10-2026	25117-01	JAS	JAS	DRJ
MARK	DATE	REVISIONS	BY	DES

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
07-10-2026	25117-01	JAS	JAS	DRJ
MARK	DATE	REVISIONS	BY	DES

RRMM ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011
(540)344-1212



PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING **FINISH PLAN**

SHEET
A-602

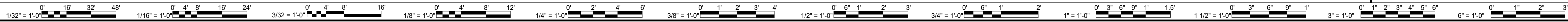
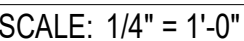
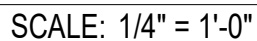
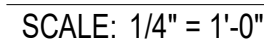
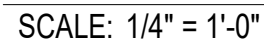
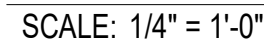
DOOR SCHEDULE												
DOOR						FRAME				RATING (MIN)	NOTES	
NUMBER	TYPE	MAT'L	SIZE			TYPE	MAT	DETAILS				
			WIDTH	HEIGHT	THICKNESS			HEAD	JAMB			SILL

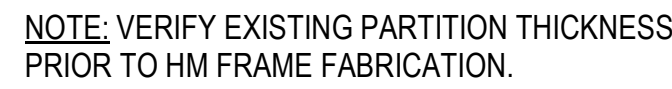
001A	D	ALUM	3'-0"	7' - 0"	1 3/4"	SF-1	ALUM	D4/A-604	C4/A-604	B4/A-604	-	1.4
001B	E	WD	3'-0"	7' - 0"	1 3/4"	EXIST	EXIST	-	-	-	-	2.3
002	B	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
003	B	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
005	B	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	1
006	E	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	1
007	A	WD	3'-0"	7' - 0"	1 3/4"	EXIST	EXIST	-	-	-	-	2.3
008	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D1/A-604	C1/A-604	B2/A-604	-	-
009	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D1/A-604	C1/A-604	B2/A-604	-	-
010	A	WD	3'-0"	7' - 0"	1 3/4"	EXIST	EXIST	-	-	-	-	2.3
011	A	WD	3'-0"	7' - 0"	1 3/4"	EXIST	EXIST	-	-	-	-	2.3
012	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
013	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
015	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D1/A-604	C1/A-604	B2/A-604	-	-
016	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	1
017	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
020	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
021	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
022	D	ALUM	3'-0"	7' - 0"	1 3/4"	SF-3	ALUM	-	-	-	-	1
023	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
024	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
026	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
027	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
028	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
029	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
030	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
031	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
032	A	WD	3'-0"	7' - 0"	1 3/4"	HM-1	HM	D2/A-604	C2/A-604	B2/A-604	-	-
034	C	WD	3'-0"	7' - 0"	1 3/4"	EXIST	EXIST	-	-	-	1-HR	2.3

- A. FIELD VERIFY FINISHED OPENING DIMS PRIOR TO FLUSH FRAMES FABRICATION.
- B. REFER TO HM/SF FRAME ELEVATIONS FOR GLAZING TYPES
- C. DIMENSIONS INDICATED REPRESENT NOMINAL OPENING SIZE INCLUSIVE OF JOINTS AND SEALANTS JOINT WIDTHS. FIELD VERIFY ALL FINISHED OPENING SIZES PRIOR TO FABRICATION.
- D. REFER TO SPECIFICATION SECTION 087100 "DOOR HARDWARE" FOR HARDWARE SETS.
- E. PROVIDE CONTINUOUS BEAD OF SEALANT AT PERIMETER OF EACH SIDE OF OPENING FRAME COORDINATE SEALANT TYPE WITH PARTITION TYPE INDICATED IN THE DRAWINGS AND SEALANT SCHEDULED IN SPECIFICATIONS.
- F. REFER TO SPECIFICATION SECTION 122413 "ROLLER WINDOW SHADES" FOR DOOR / WINDOW SHADE REQUIREMENTS.
- G. REFER TO SPECIFICATION SECTION 088100 FOR GLAZING REQUIREMENTS FOR RATED AND NON-RATED DOORS.

1. ACCESS CONTROL CARD READER (NIC). COORD W/ OWNER FOR INSTALLATION
2. PAINT EXISTING HM FRAME, SEE GENERAL FINISH NOTES ON SHEET A-601 FOR COLOR.
3. NEW DOOR LEAF WITHIN EXISTING HM FRAME. VERIFY DOOR SIZE IN FIELD.
4. ACCESSIBLE ENTRY DOOR OPERATOR

SF	ALUMINUM STOREFRONT
HM	HOLLOW METAL
WD	WOOD





A-604 SCALE: 1 1/2" = 1'-0"



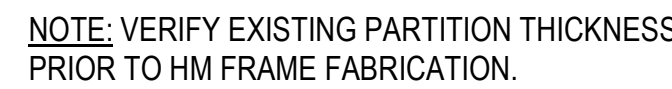
A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



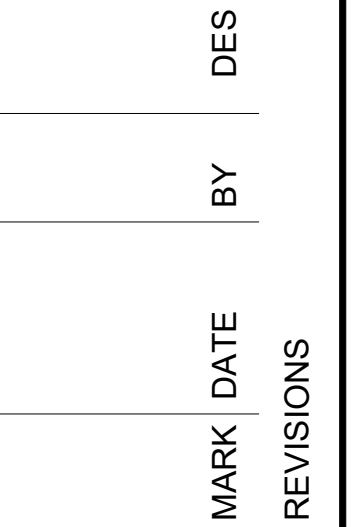
A-604 SCALE: 1 1/2" = 1'-0"



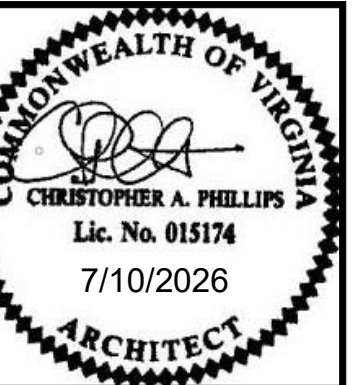
A-604 SCALE: 1 1/2" = 1'-0"



A-604 SCALE: 1 1/2" = 1'-0"



DATE	PROJECT	25117-01	07-10-2020
	DESIGNED	ACH	
	DRAWN	COR/ACH	
	CHECKED	DRJ	

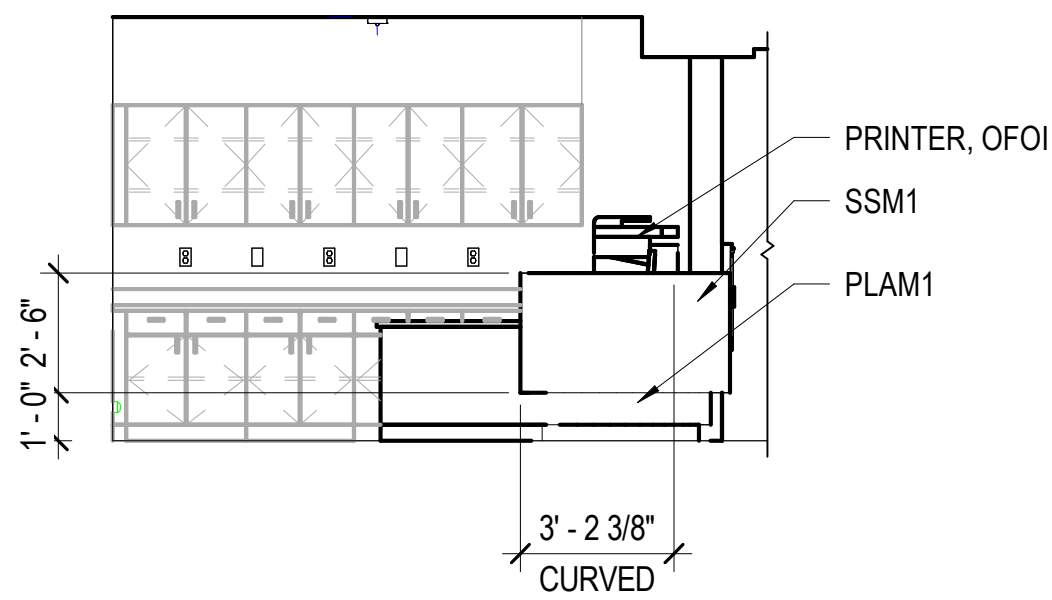


PROJECT MARTINSVILLE CITY TOWNSHIP SCHOOLS DISTRICT
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING DOOR DETAILS

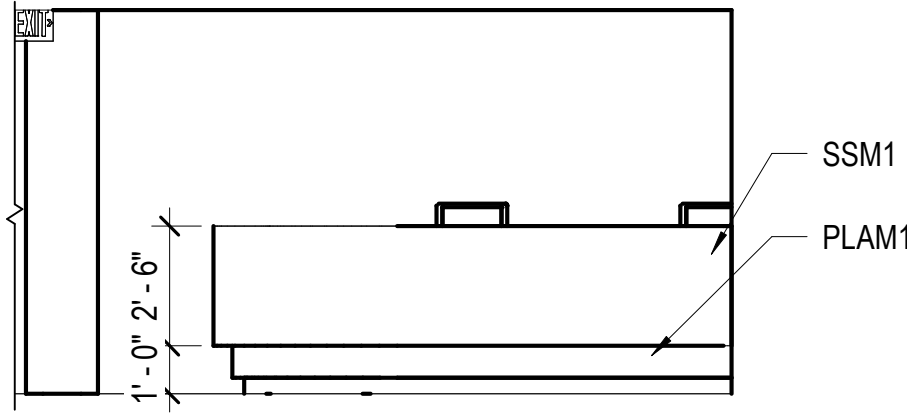
SHEET

A-604

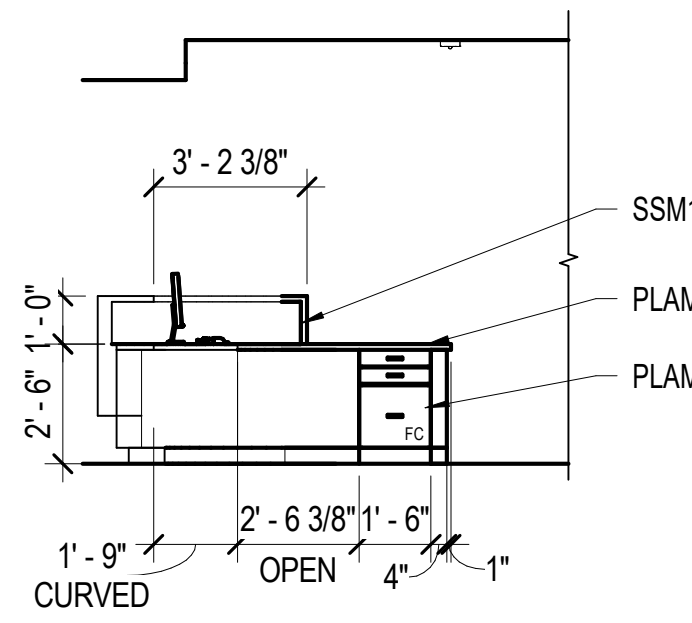
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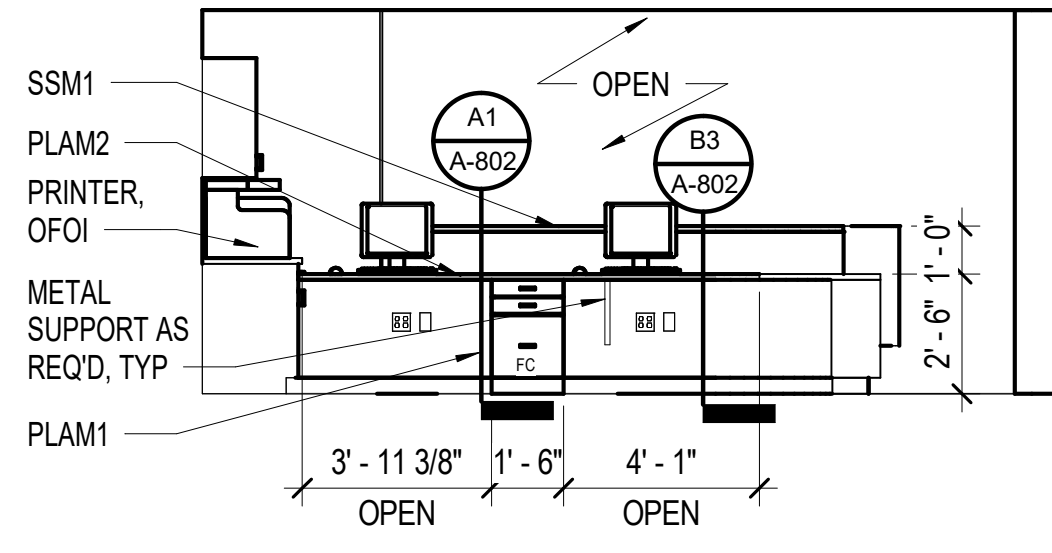
D1 NURSE 033
A-801 SCALE: 1/4" = 1'-0"



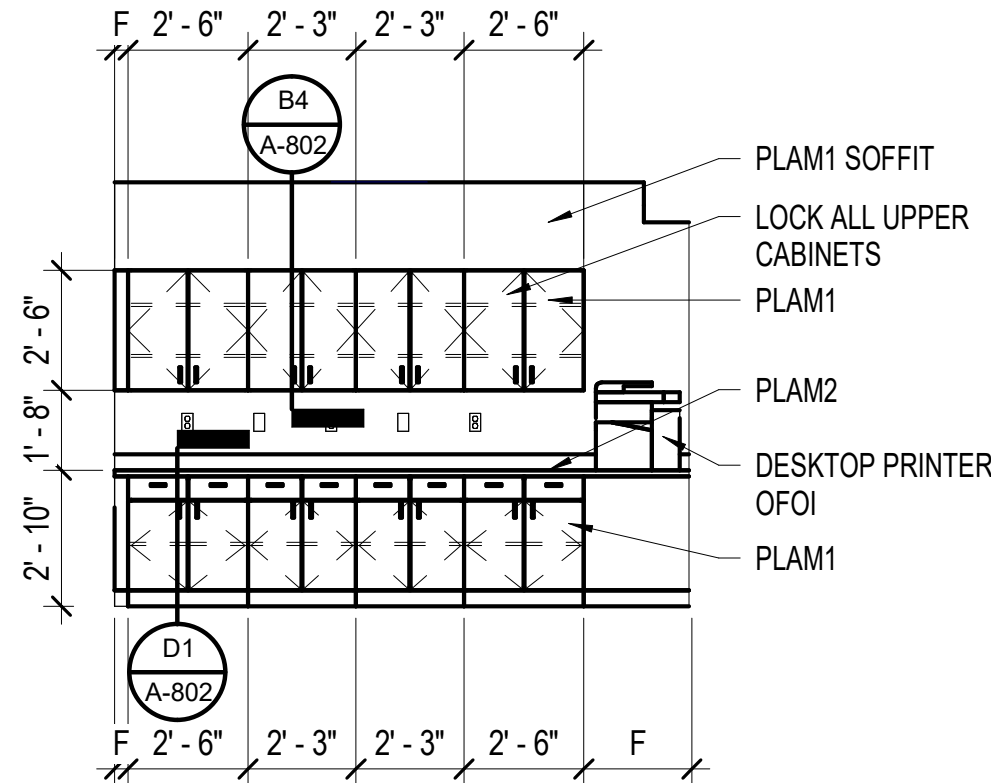
D2 NURSE 033
A-801 SCALE: 1/4" = 1'-0"



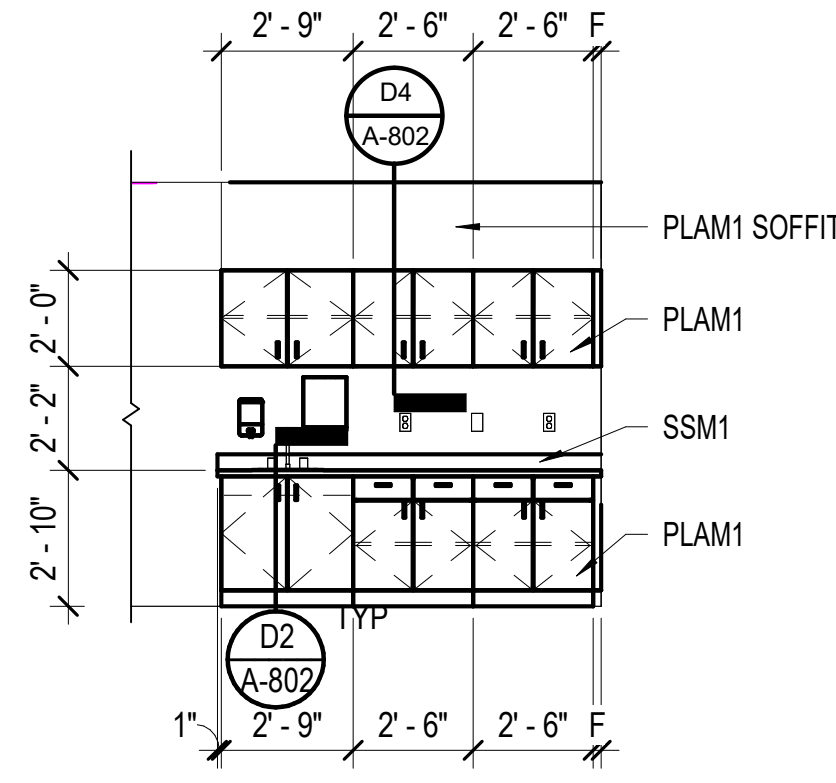
D3 NURSE 033
A-801 SCALE: 1/4" = 1'-0"



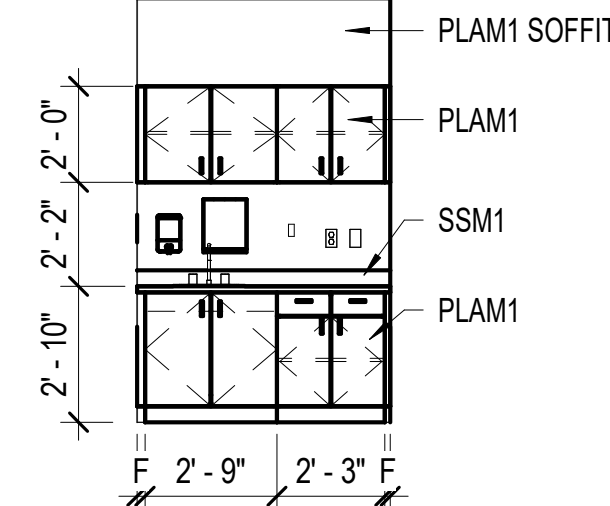
D4 NURSE 033
A-801 SCALE: 1/4" = 1'-0"



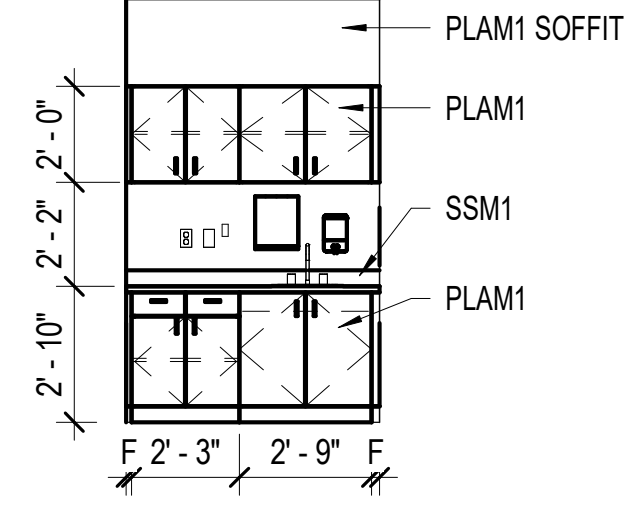
C1 NURSE 033
A-801 SCALE: 1/4" = 1'-0"



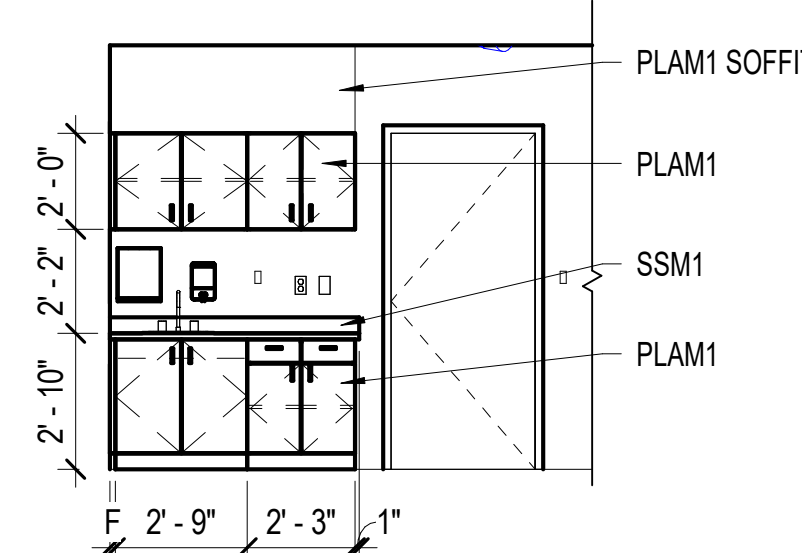
C2 EXAM 027
A-801 SCALE: 1/4" = 1'-0"



C3 EXAM 029
A-801 SCALE: 1/4" = 1'-0"



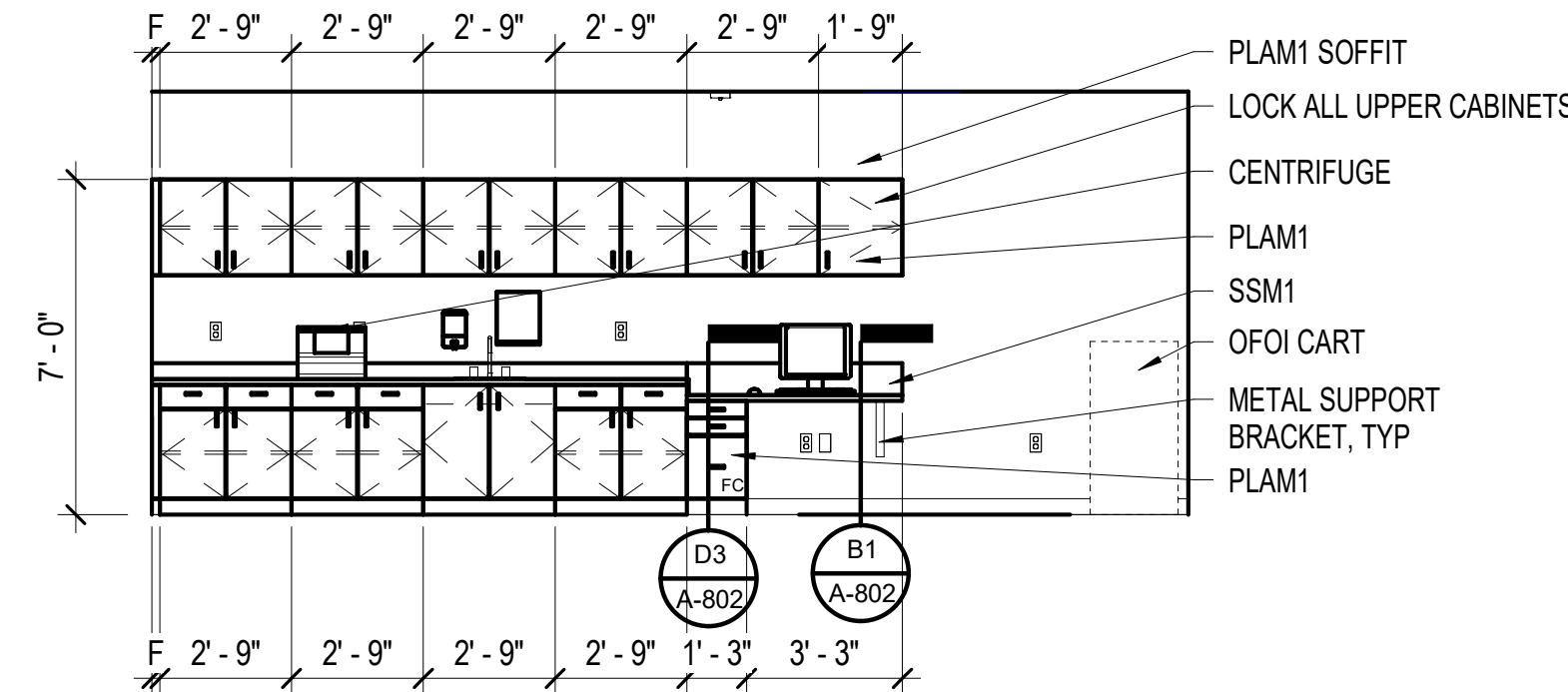
C4 EXAM 030
A-801 SCALE: 1/4" = 1'-0"



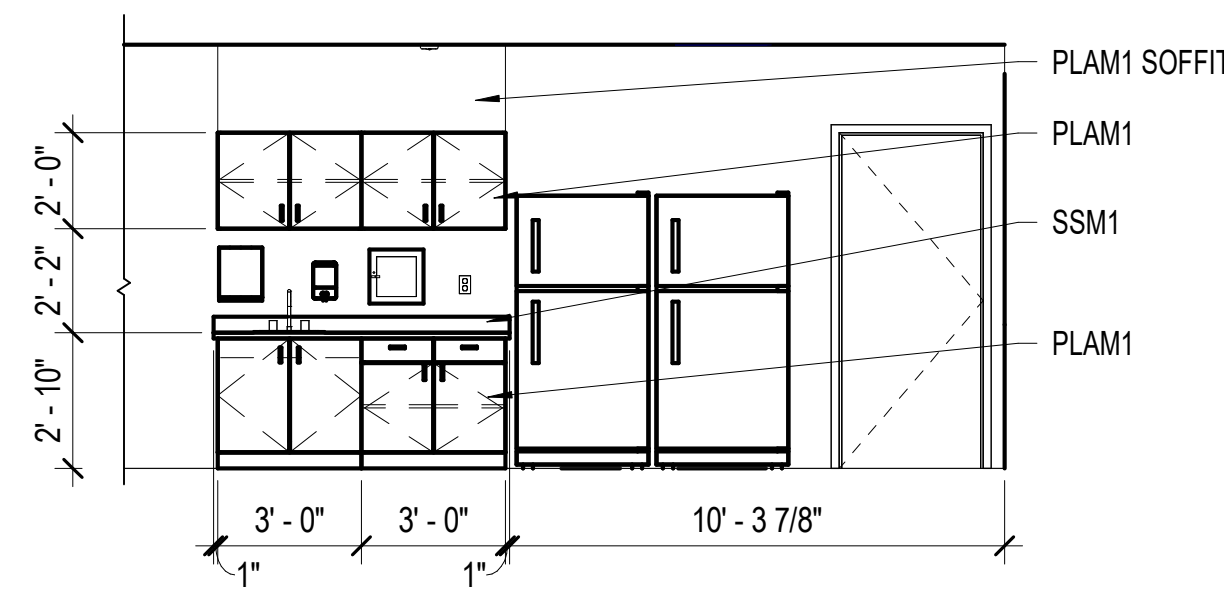
C5 EXAM 031
A-801 SCALE: 1/4" = 1'-0"

GENERAL CASEWORK NOTES (APPLIES TO THIS SHEET ONLY)

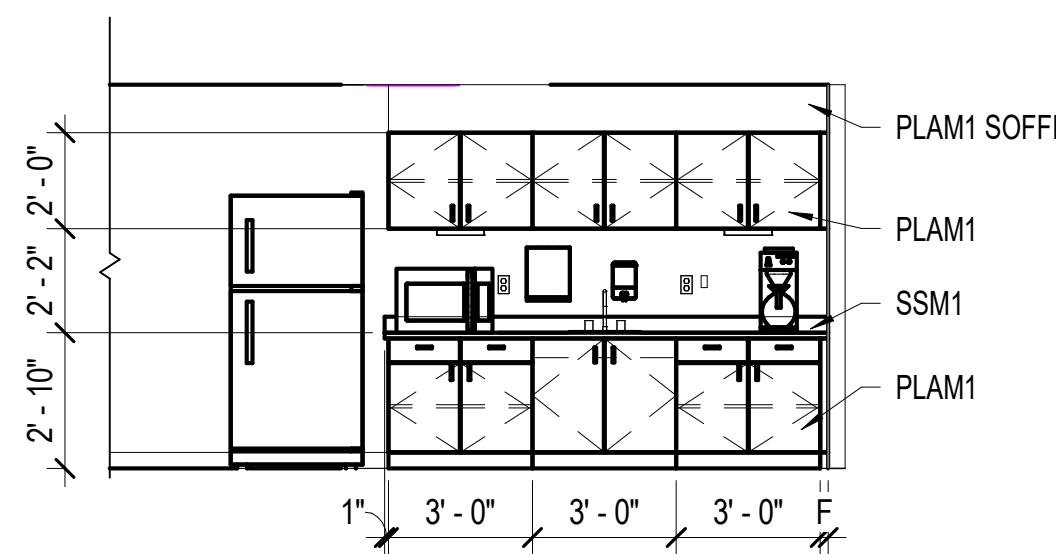
- ALL CABINETS SHALL BE FLUSH OVERLAY DESIGN, AWI PREMIUM GRADE UNLESS OTHERWISE NOTED OR DETAILED.
- PROVIDE 3MM EDGE BANDING TO MATCH LAMINATE ON ALL EXPOSED EDGES. IF NO MATCH IS OFFERED PROVIDE SAMPLES TO ARCHITECT FOR SELECTION.
- PROVIDE PARTICLEBOARD CABINET BOX WITH MDF DRAWER AND DOOR FRONTS WITH WATER RESISTANT PLYWOOD TOE KICKS.
- PROVIDE 2" RADIUS ON ALL OUTSIDE CORNERS OF SOLID SURFACE COUNTERTOPS.
- PROVIDE FINISHED END PANEL AT ALL CABINETS NOT ENCLOSED WITH WALL.
- CASEWORK SECTIONS ARE SHOWN AS TYPICALS AND NOT SHOWN ON EVERY ELEVATION.
- AT SINK LOCATIONS, 2'-10" HEIGHT SHALL BE MEASURED TO THE HIGHEST POINT OF SINK BASIN. COORDINATE WITH PLUMBING DRAWINGS.
- DRAWER SLIDES SHALL BE FULL EXTENSION TYPE 100 LB CAPACITY (150LB CAPACITY AT ALL DRAWERS MARKED FC ON ELEVATIONS). SIDE MOUNTED WITH INTEGRAL STOP. PROVIDE SELF CLOSING/STAY CLOSED TYPE.
- ADJUSTABLE SHELF SUPPORTS SHALL BE RECESSED SIDE MOUNTED SYSTEM USING METAL SHELF STANDARDS AND COORDINATED SHELF RESTS, POLISHED CHROME FINISHES, FOR NOMINAL 1" SPACING ADJUSTMENTS.
- DRAWER CONSTRUCTION: DOVETAIL JOINTS.
- FLOOR BASE SHALL WRAP AT ALL CASEWORK, INCLUDING END PANEL.
- PROVIDE SOFT CLOSE DOOR AND DRAWERS.
- PROVIDE 2" GROMMETS AT ALL LOCATIONS WITH A COMPUTER WORKSTATION. COLOR TO MATCH COUNTERTOP.
- PROVIDE LOCKS AT ALL FILE CABINETS NOTED WITH "FC".



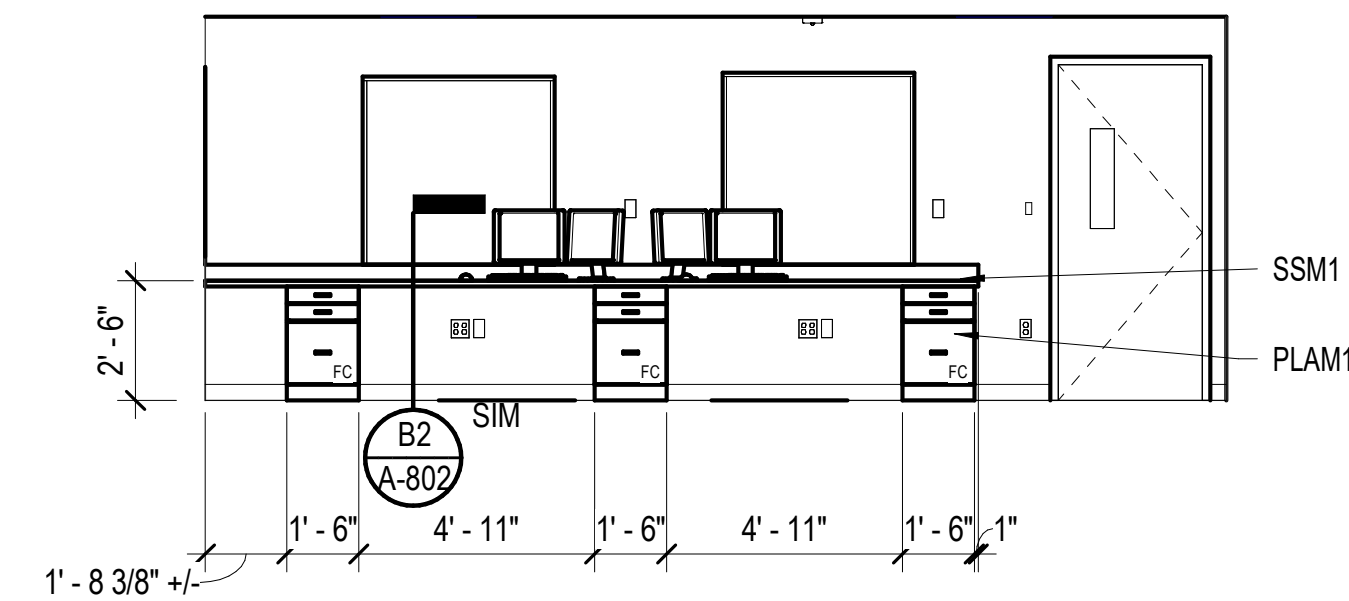
B1 LAB 011
A-801 SCALE: 1/4" = 1'-0"



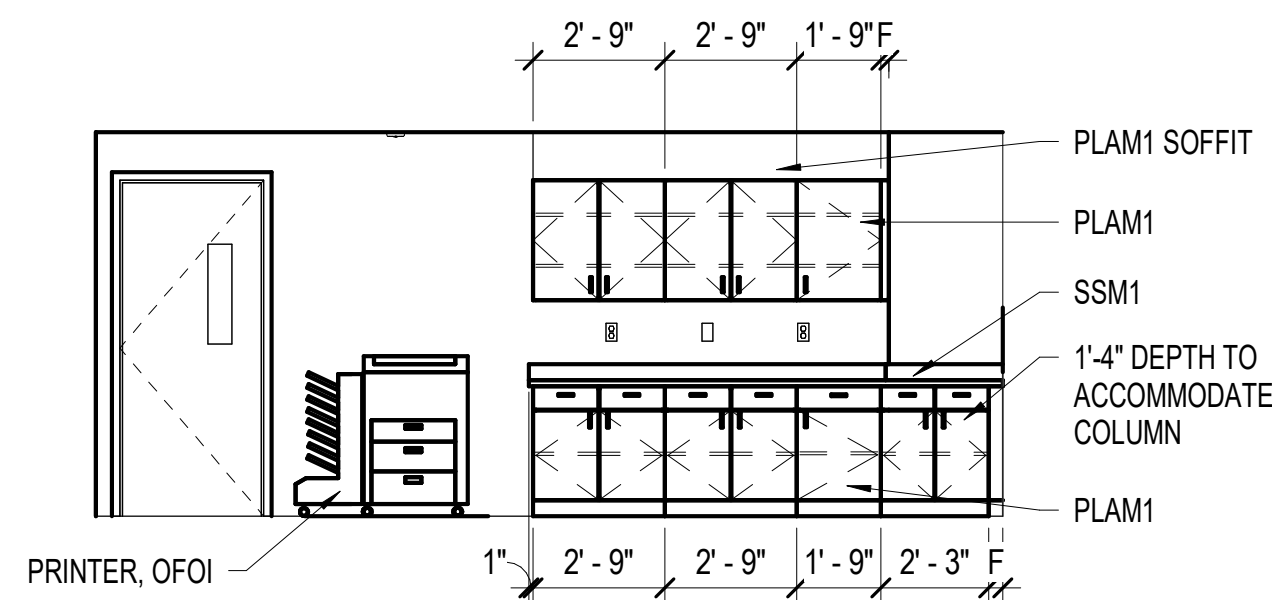
B2 LAB 011
A-801 SCALE: 1/4" = 1'-0"



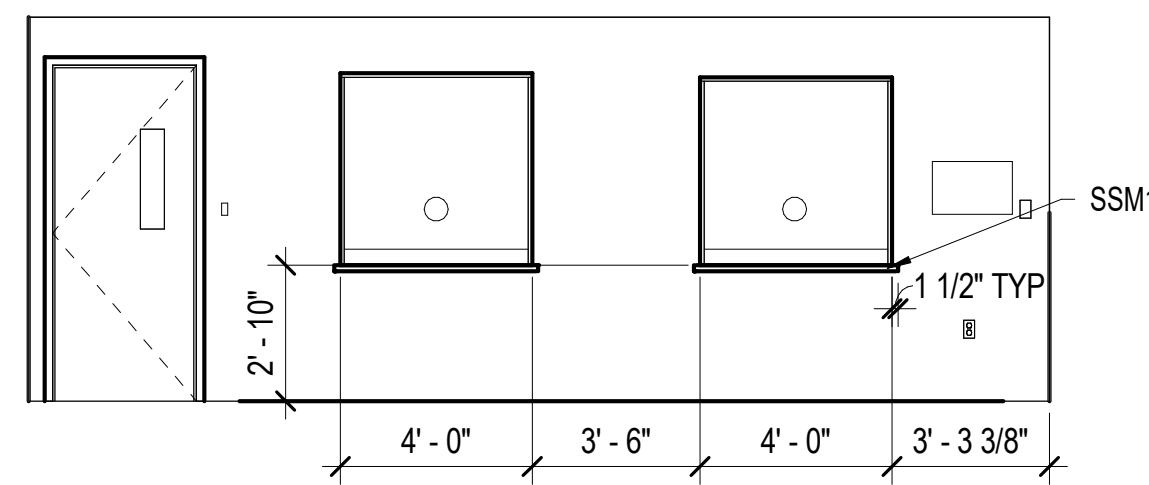
B3 BREAKROOM 003
A-801 SCALE: 1/4" = 1'-0"



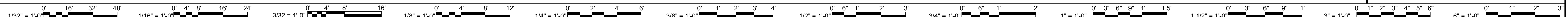
B4 RECEPTION 002
A-801 SCALE: 1/4" = 1'-0"



A1 RECEPTION 002
A-801 SCALE: 1/4" = 1'-0"



A2 RECEPTION 002
A-801 SCALE: 1/4" = 1'-0"



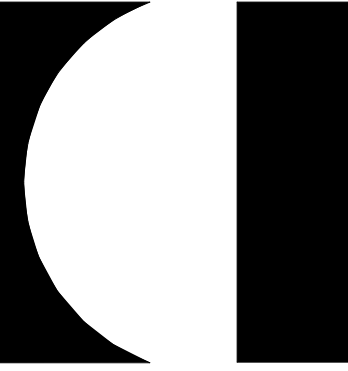
PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING CASEWORK

SHEET

A-801

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DRU
07-10-2026	25117-01	JAS	JAS		



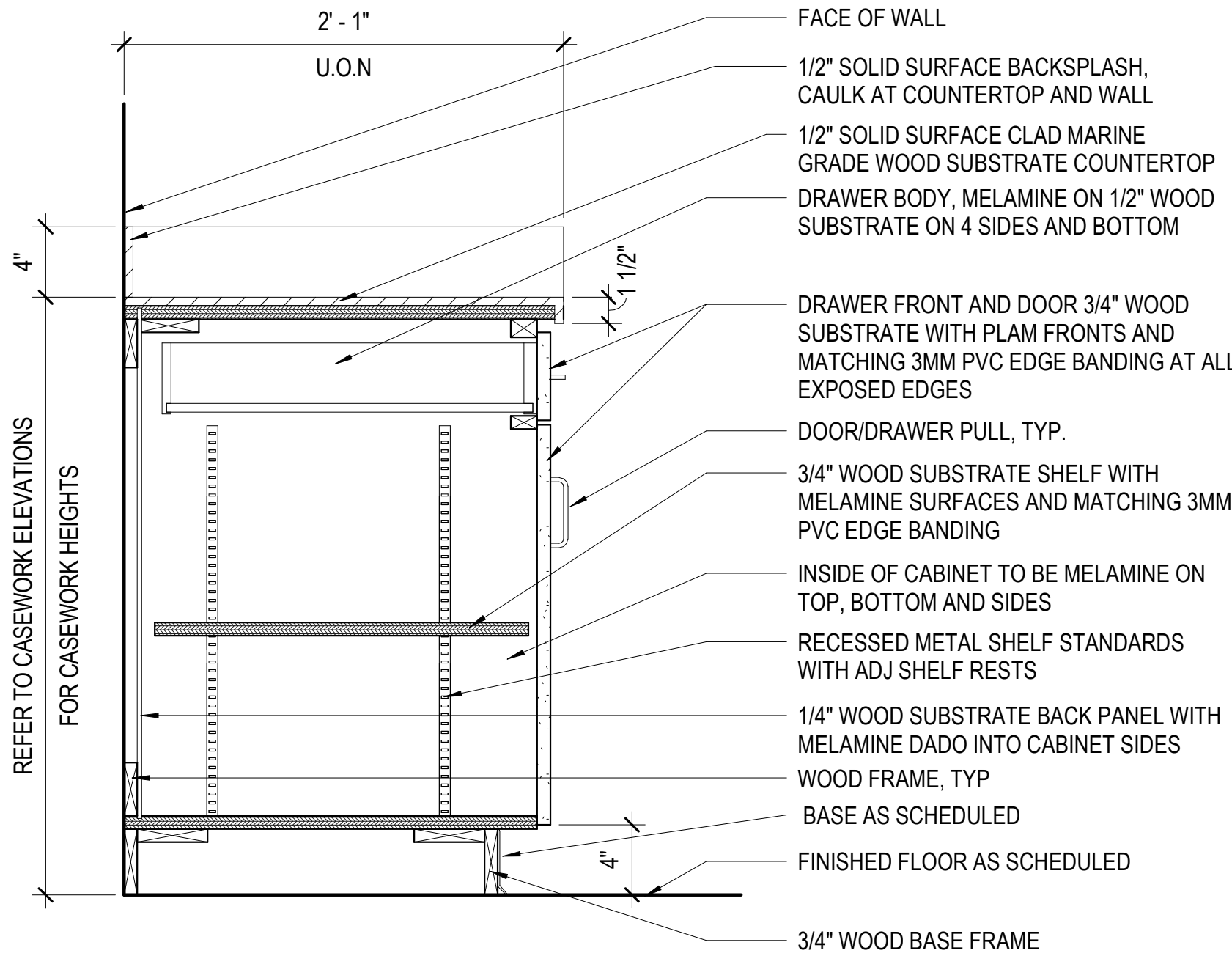
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ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011
(540)344-1212



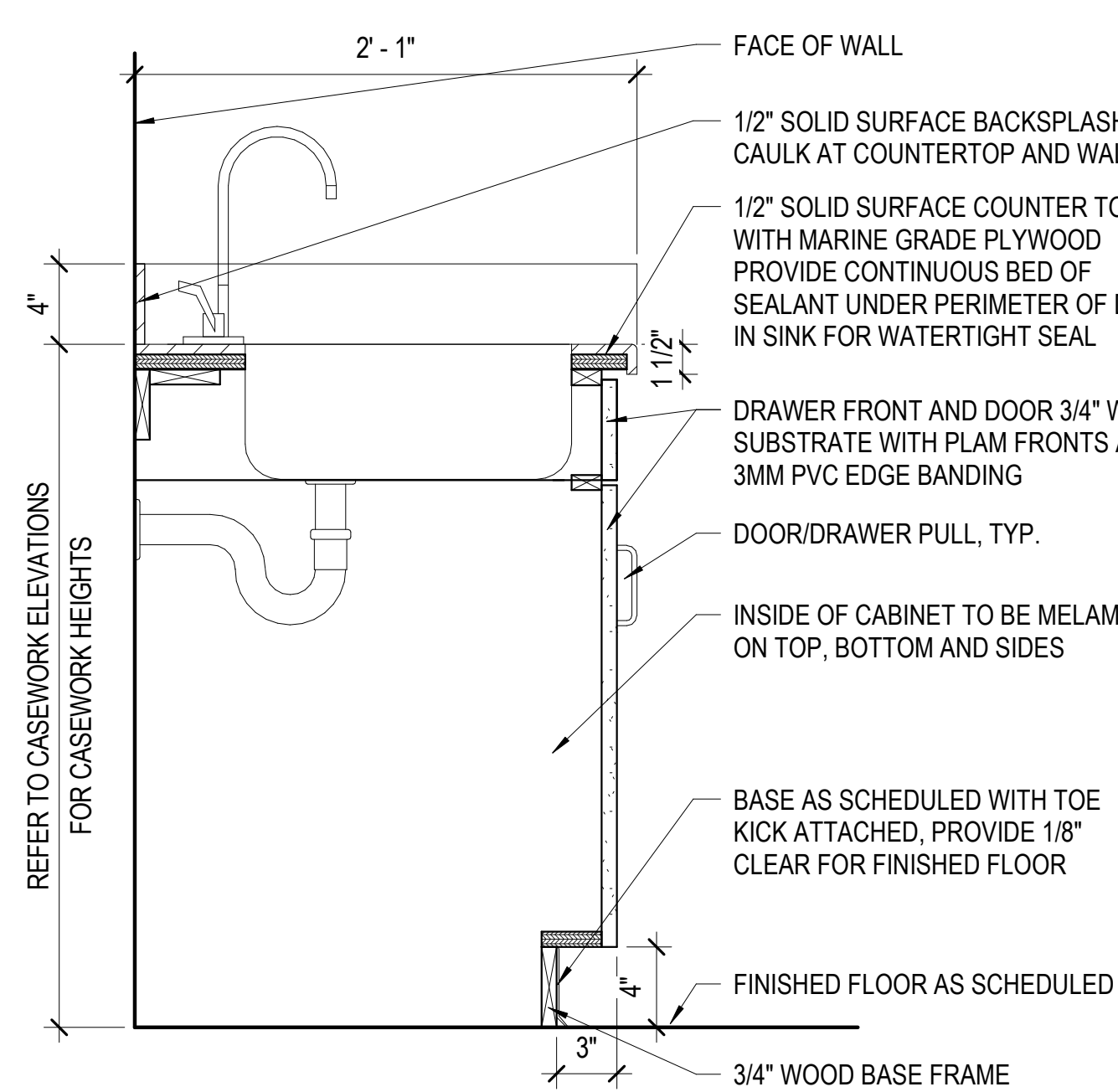
DES	BY	MARK	DATE	REVISIONS

Autodesk Docs:/25117-01 Albert Harris ES/25117-01 v28 Albert Harris ES - ARCH.rvt

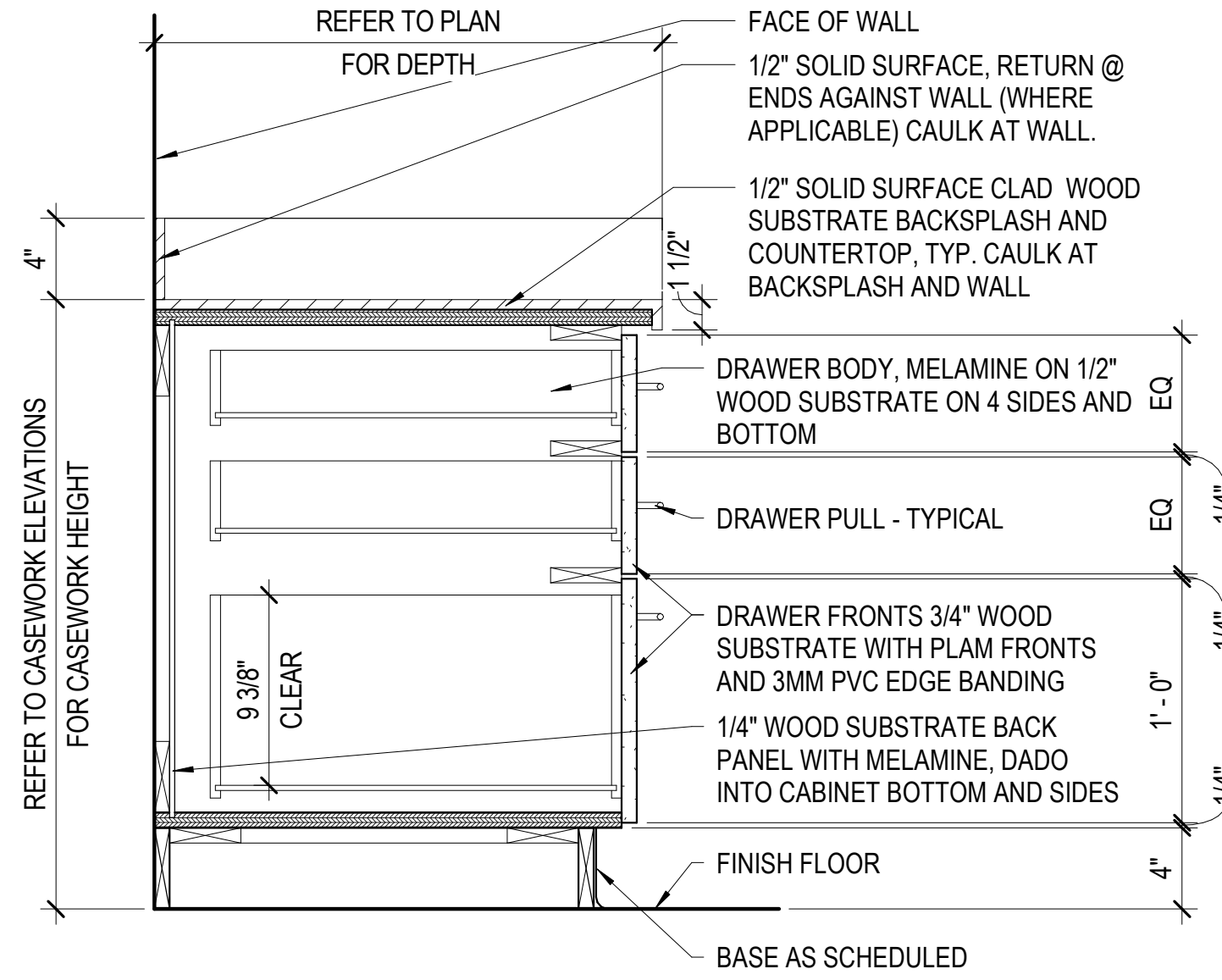
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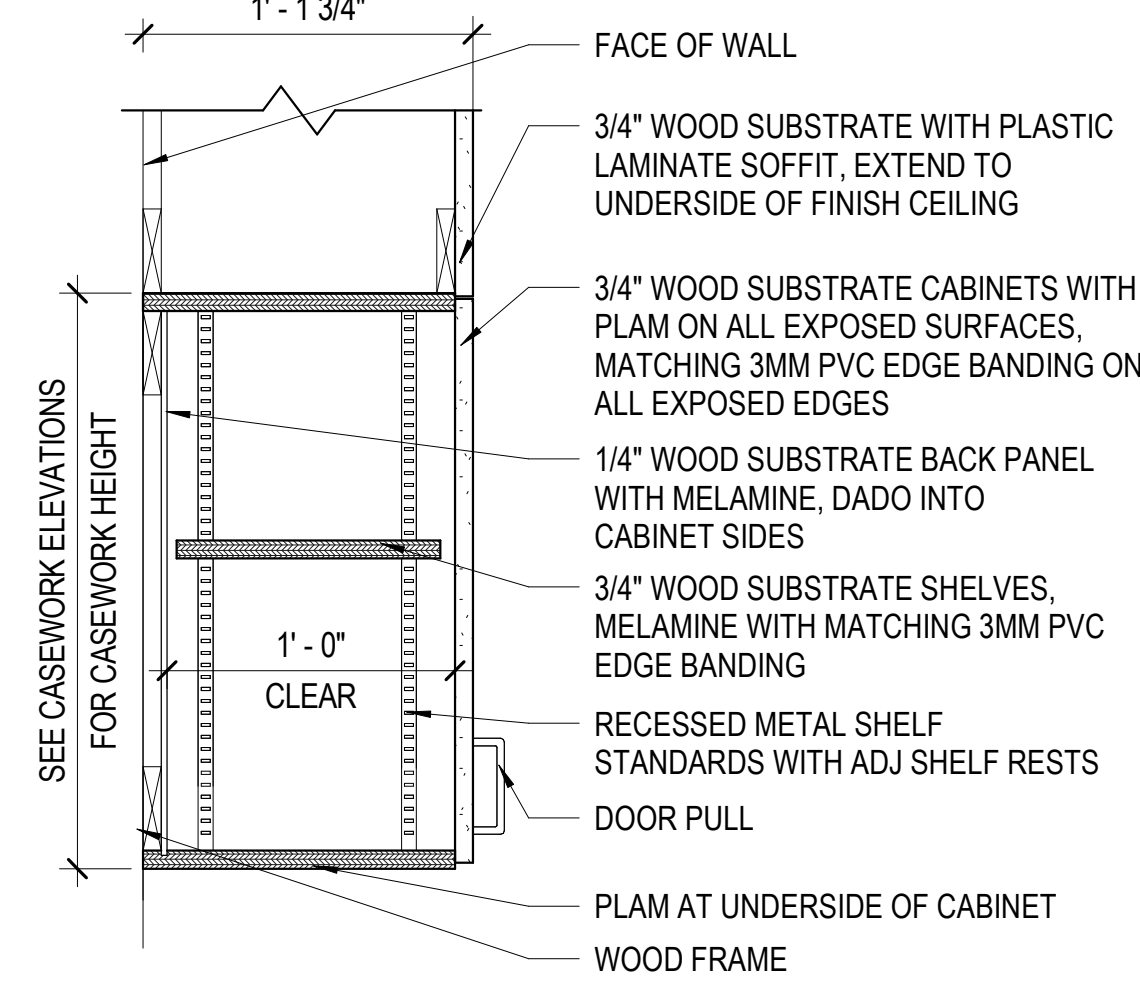
D1 CASEWORK SECTION
A-802 SCALE: 1 1/2" = 1'-0"



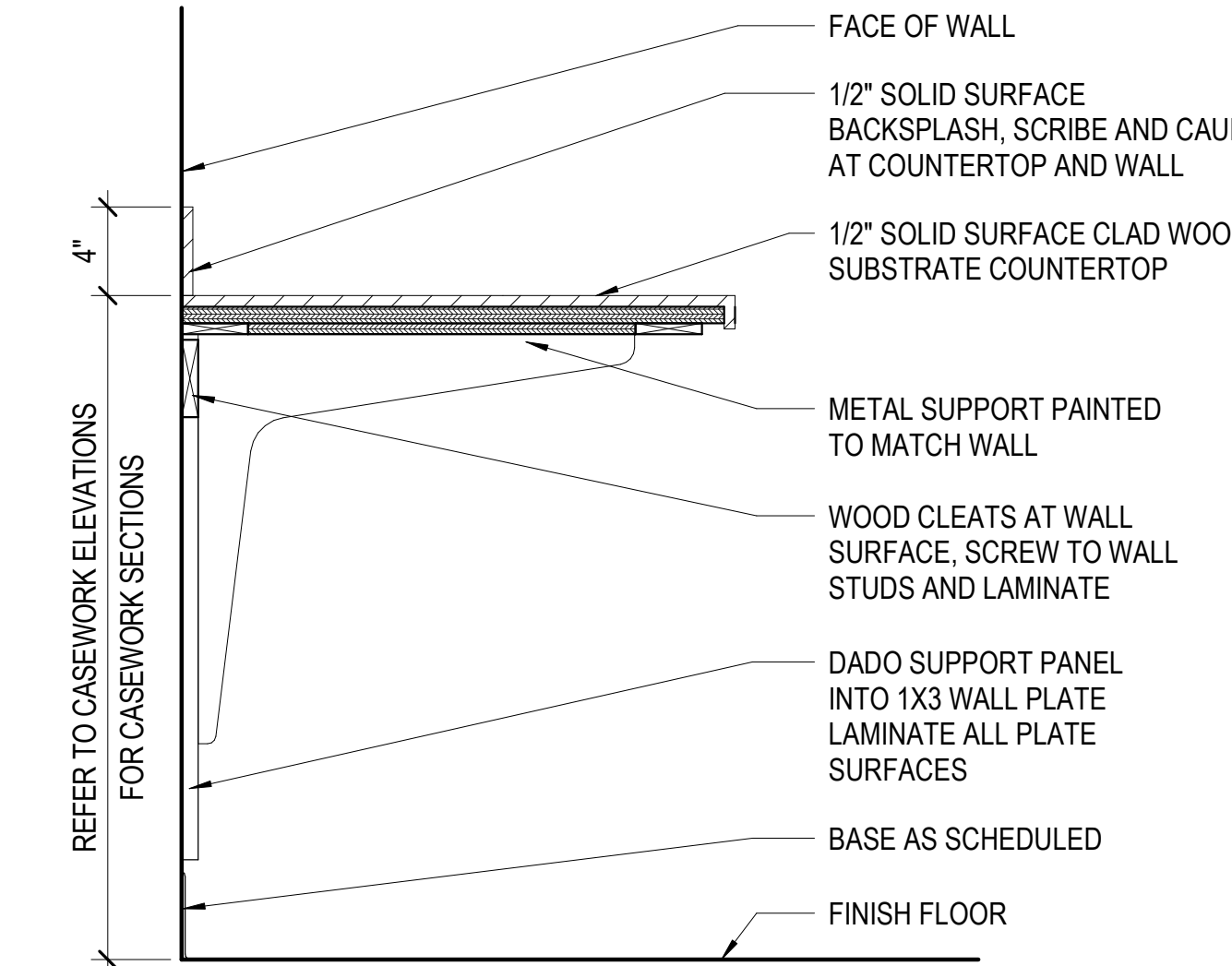
D2 CASEWORK SECTION
A-802 SCALE: 1 1/2" = 1'-0"



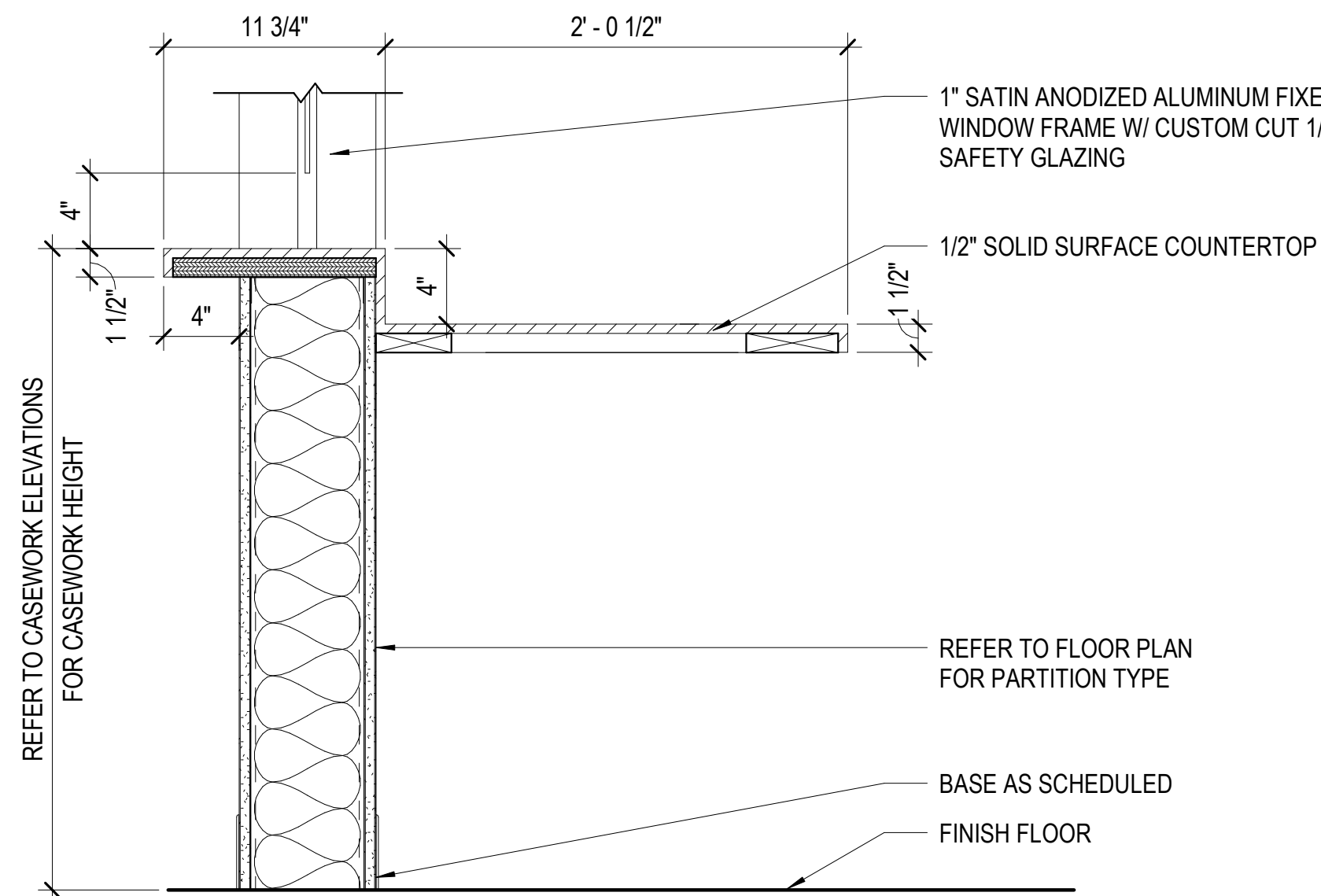
D3 3 DRAWER BASE CAB
A-802 SCALE: 1 1/2" = 1'-0"



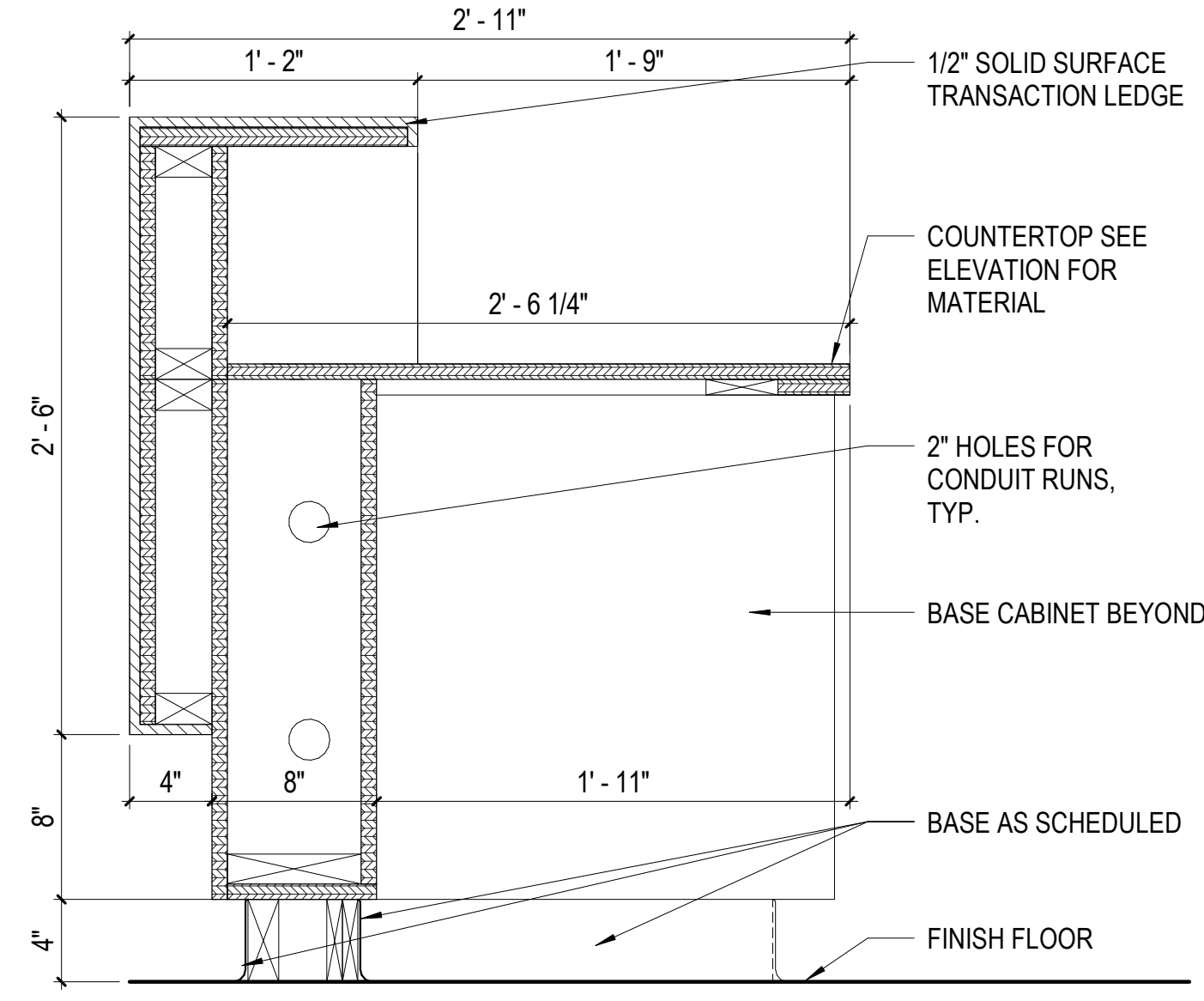
D4 SECTION
A-802 SCALE: 1 1/2" = 1'-0"



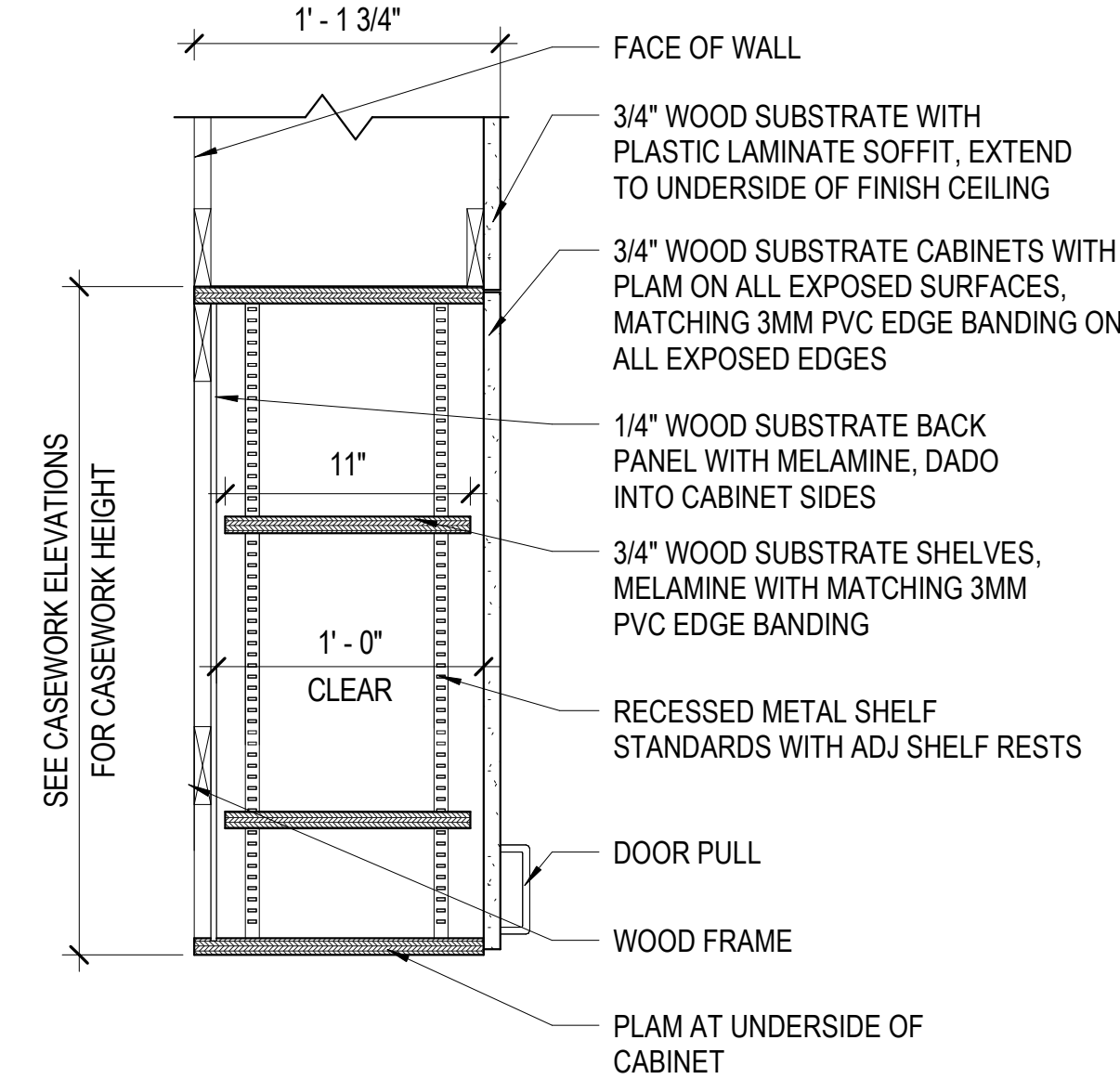
B1 CASEWORK SECTION
A-802 SCALE: 1 1/2" = 1'-0"



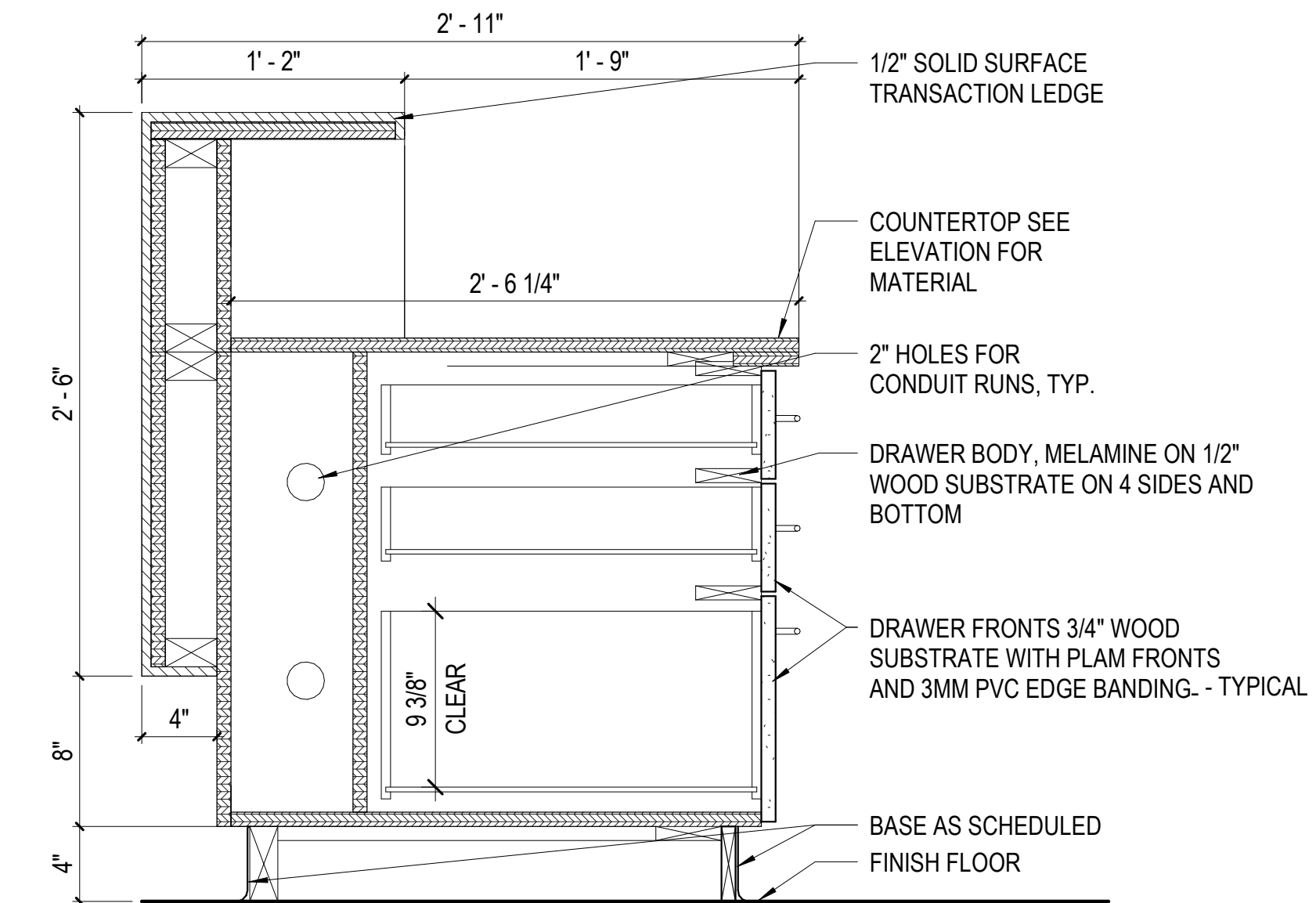
B2 RECEPTION AT CHECK IN
A-802 SCALE: 1 1/2" = 1'-0"



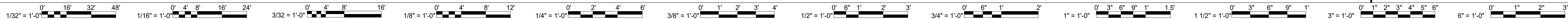
B3 CASEWORK SECTION
A-802 SCALE: 1 1/2" = 1'-0"



B4 SECTION
A-802 SCALE: 1 1/2" = 1'-0"



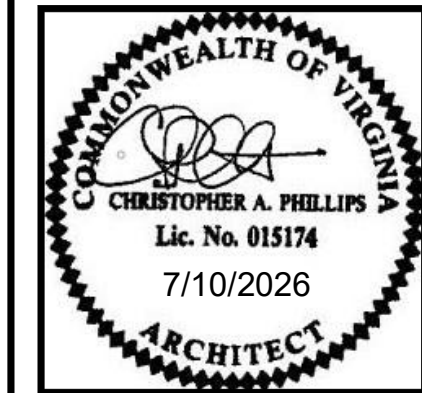
A1 CASEWORK SECTION
A-802 SCALE: 1 1/2" = 1'-0"



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
07-10-2026	25117-01	JAS	JAS	DRU			
					BY		DES

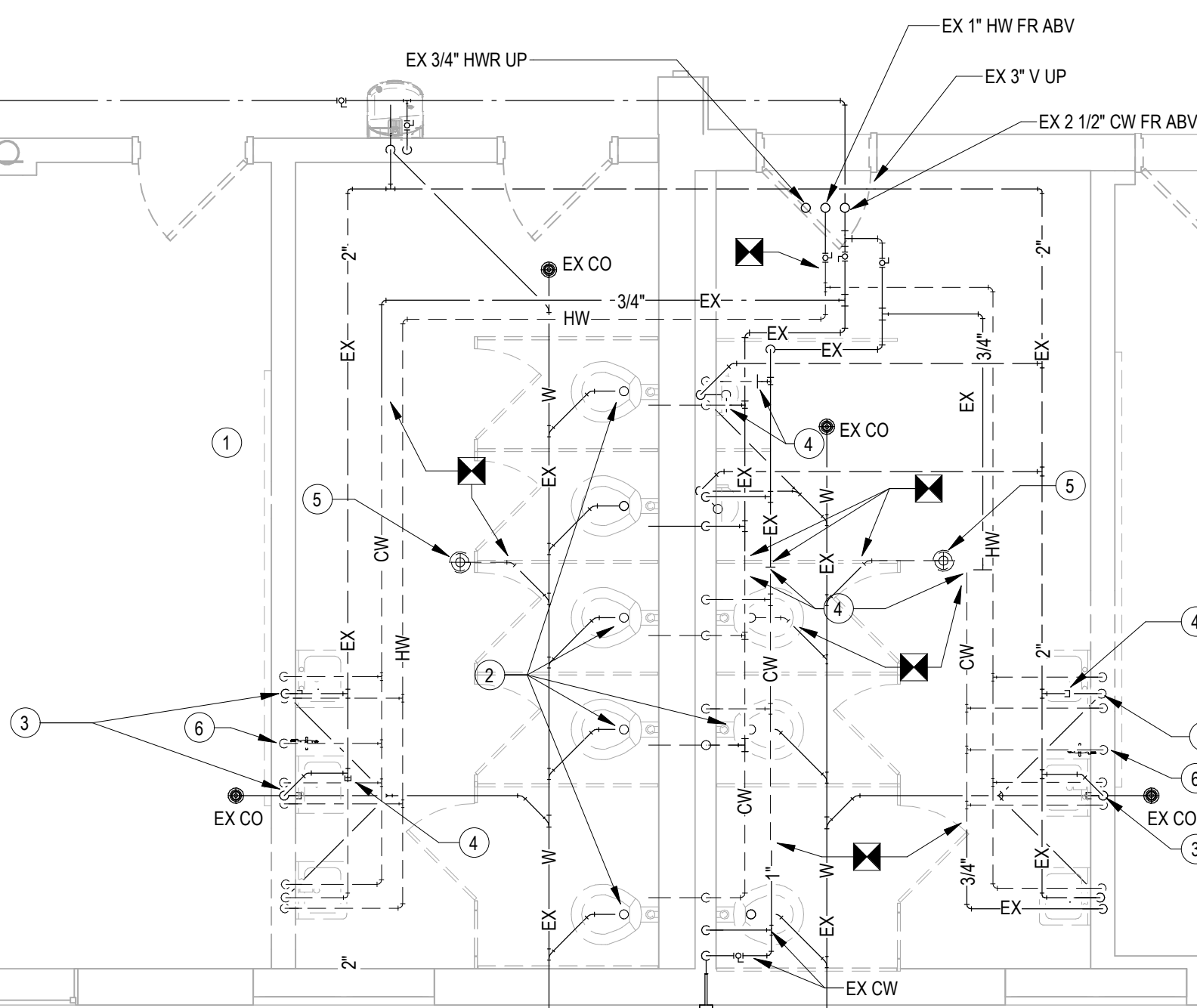
DATE	07-10-2026	PROJECT	25117-01	DESIGNED	JAS	DRAWN	JAS	CHECKED	DRU
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Roanoke, Virginia 24011
(540)344-1212

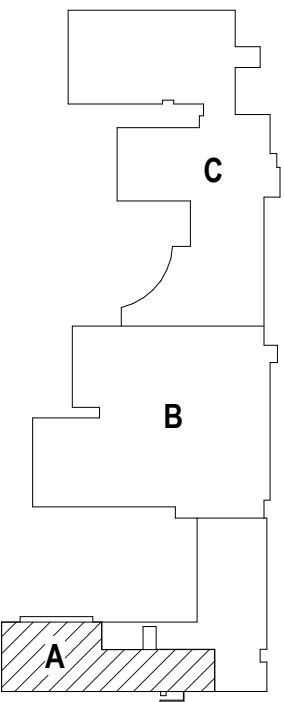


PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING CASEWORK DETAILS

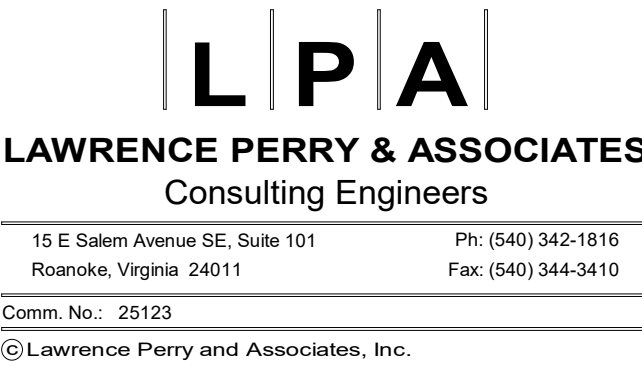
SHEET
A-802



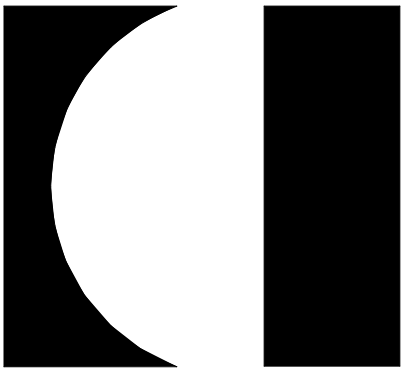
1. ALL EXISTING PLUMBING FIXTURES BEING REMOVED SHALL BE CAREFULLY REMOVED TO AVOID DAMAGE AND TURNED OVER TO THE OWNER.
2. REMOVE WASTE PIPING, CAP BELOW THE FLOOR, FINISH TO MATCH.
3. REMOVE WASTE LINE BACK INTO WALL, CAP IN WALL, FINISH TO MATCH.
4. CAP PIPING ABOVE CEILING.
5. REMOVE FLOOR DRAIN, CAP BELOW THE FLOOR, FINISH TO MATCH.
6. REMOVE EXISTING HOSE BIBBS, CAP IN WALL, FINISH TO MATCH



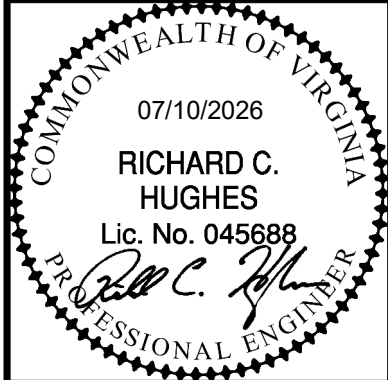
KEY PLAN
NOT TO SCALE



DATE	07-10-2026
PROJECT	25117-01
DESIGNED	PDH
DRAWN	PDH
CHECKED	MGW



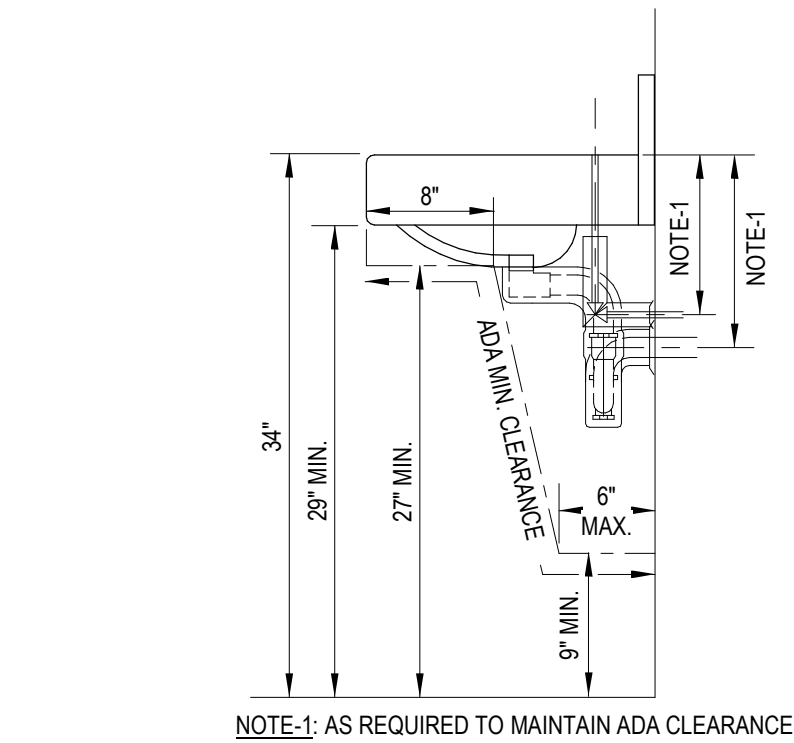
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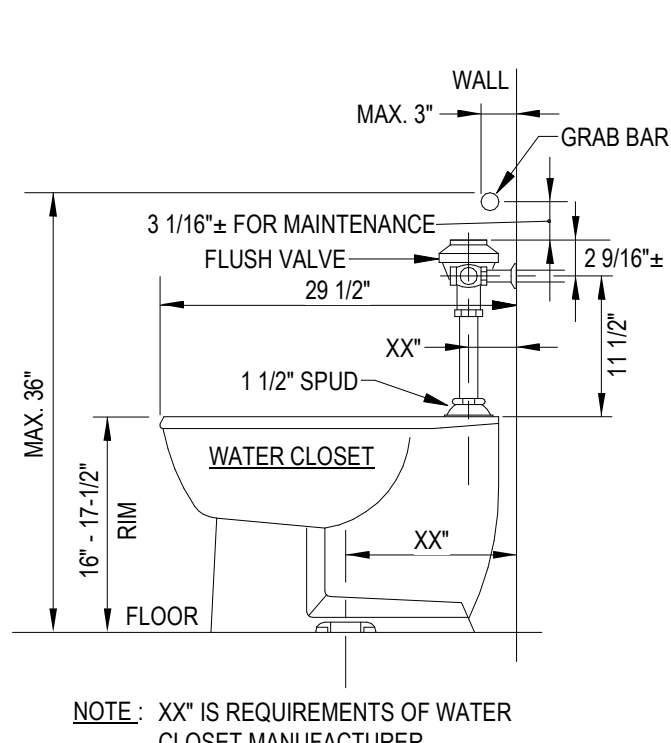
MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
740 SMITH STREET
MARTINSVILLE, VA 24112
LOWER LEVEL DEMO PLAN - PLUMBING

SHEET

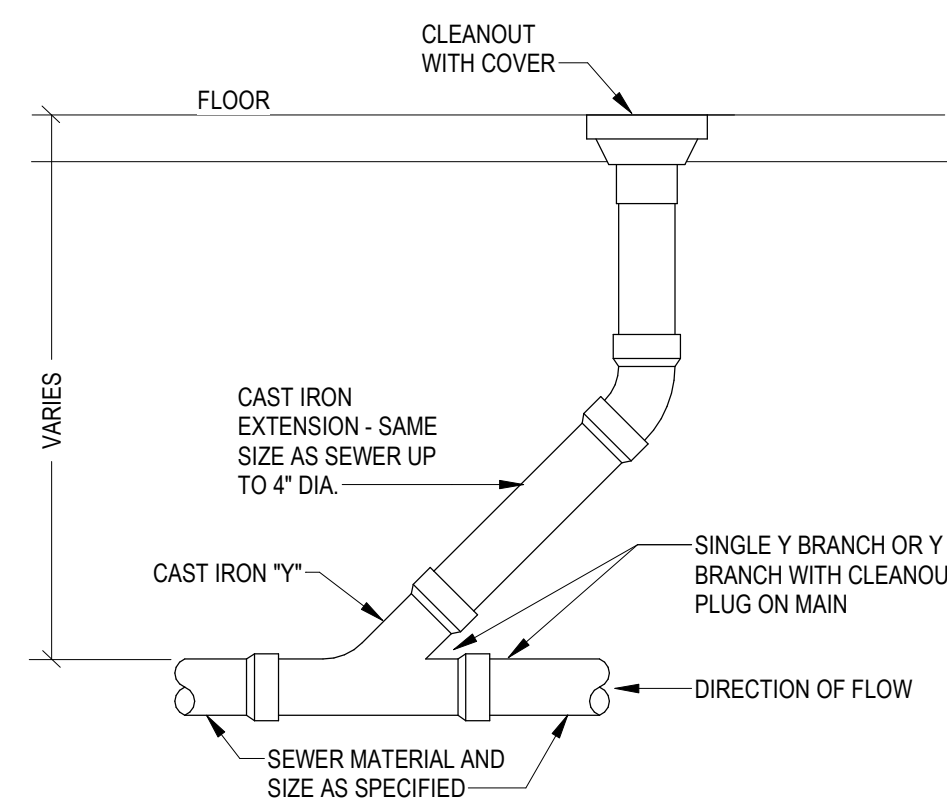
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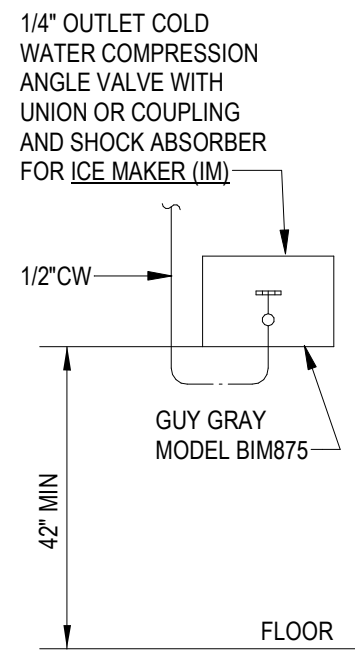
**HANDICAPPED LAVATORY INSTALLATION
ADA REQUIREMENTS WALL MOUNTED**
NO SCALE



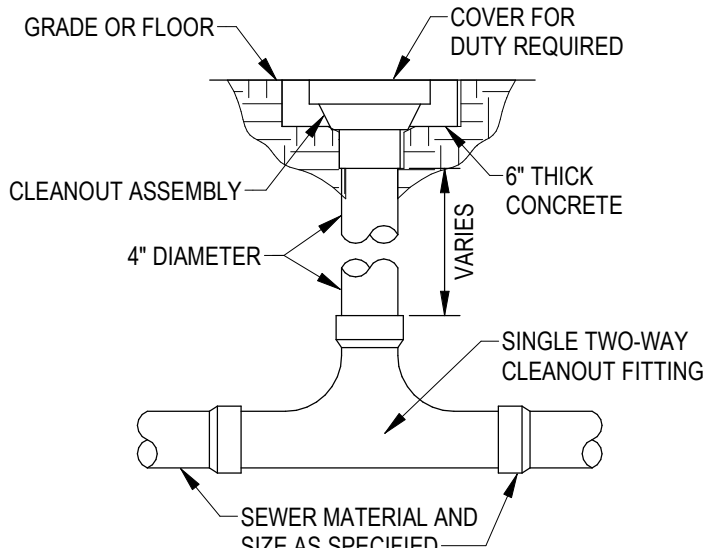
**HANDICAPPED WC
ROUGH-IN DETAIL**
NO SCALE



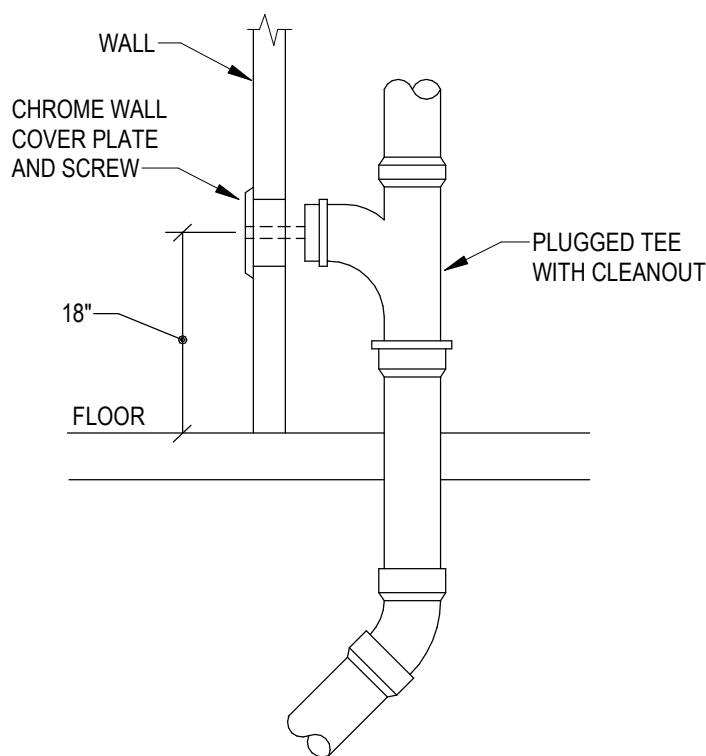
CLEANOUT DETAIL
NO SCALE



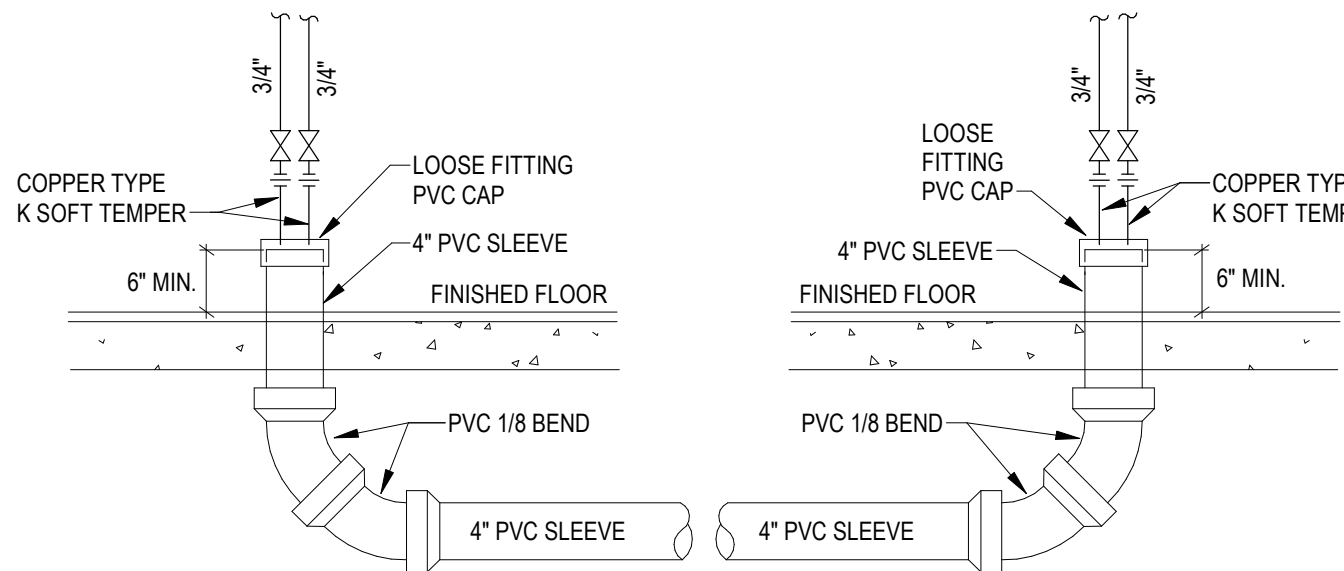
ICE MAKER (IM)
NO SCALE



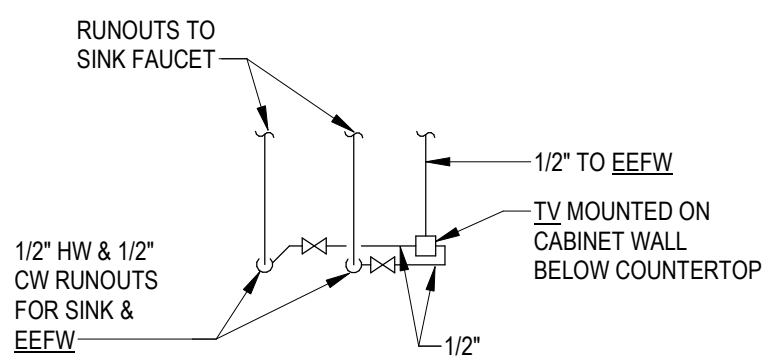
TWO-WAY CLEANOUT DETAIL
NO SCALE



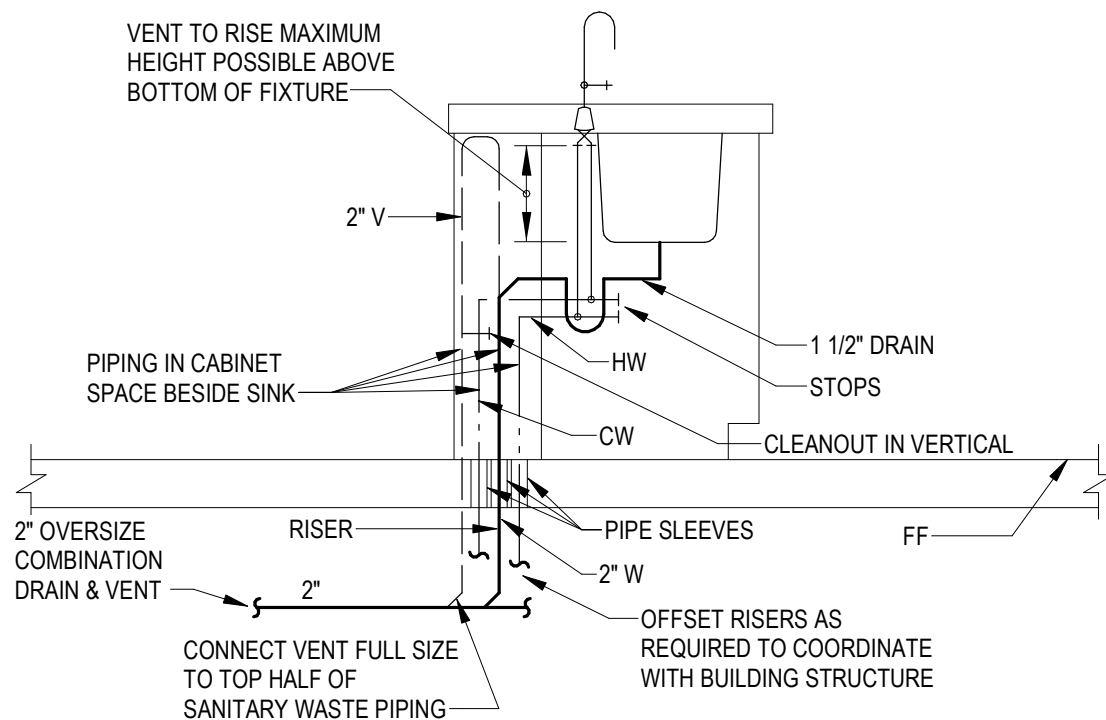
WALL CLEANOUT DETAIL
NO SCALE



**PVC SLEEVE FOR UNDER FLOOR
DOMESTIC WATER PIPES DETAIL**
NO SCALE



EEFW PIPING CONN. DETAIL
NO SCALE



**ISLAND DENTAL SINK
COMBINATION DRAIN & VENT
CONNECTIONS**
NO SCALE

GENERAL PLUMBING NOTES (GPN):

- SEE SITE PLAN SHEET FOR THE EXTENT OF ALL PIPING LEAVING AND ENTERING BUILDING.
- MAKE PIPING CONNECTIONS AS REQUIRED TO ALL FIXTURES AND EQUIPMENT EVEN THOUGH ALL BRANCH MAINS, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
- CHECK WITH ARCHITECTURAL WORKING DRAWINGS BEFORE ROUGHING-IN PLUMBING FIXTURES.
- SLOPES AND INVERT ELEVATIONS OF SEWERS, MANHOLES, ETC., SHALL BE ESTABLISHED AND VERIFIED BY CONTRACTOR BEFORE ANY PIPING IS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED AND NECESSARY INVERT ELEVATIONS OBTAINED.
- ALL PIPES SHALL BE COORDINATED WITH OTHER NEW AND EXISTING DUCTS, PIPES, LIGHTS, STRUCTURAL SYSTEM, CEILING SUPPORTS AND FRAMING BEFORE INSTALLATION. MINOR PIPE OFFSETS SHALL BE PROVIDED AS REQUIRED. MEASUREMENTS FOR VERTICAL CLEARANCES SHALL BE TAKEN AT THE JOB SITE BEFORE INSTALLATION OF ANY PIPING.
- WASTE PIPE BELOW FLOOR, VENT PIPING ABOVE CEILING, PIPING OFFSET FOR CLARITY.
- DOMESTIC WATER, VACUUM, AND COMPRESSED AIR PIPING SHALL BE INSTALLED ABOVE CEILINGS UNLESS NOTED. OTHERWISE, DOMESTIC WATER PIPING SHOWN IN PIPE CHASE WALLS SHALL BE INSTALLED IN CHASE SPACE, PIPING OFFSET FOR CLARITY.
- DOMESTIC WATER PIPING SHALL NOT BE INSTALLED IN LOCATIONS SUBJECT TO FREEZING OR SPACES EXTERIOR TO BUILDING INSULATION.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH LOCAL CODES. APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION, LOCAL UTILITY REGULATIONS AND GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
- WHERE PIPE CONNECTIONS ARE SHOWN CONNECTING TO EXISTING, CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND CONNECTION SIZES PRIOR TO INSTALLATION.
- LIMITS OF CONTRACT: DOMESTIC WATER SERVICE, SANITARY AND STORM WATER PIPING SHALL BE EXTENDED UNDER THIS SECTION OF THE SPECIFICATIONS TO POINTS 5'-0" BEYOND THE BUILDING LINES, UNLESS OTHERWISE INDICATED ON THE DRAWINGS, WHERE THE PIPES SHALL BE CAPPED OR PLUGGED AND LEFT READY FOR CONNECTION AND EXTENSION BY OTHERS, AND THE LOCATIONS MARKED WITH A STAKE OR OTHER APPROVED MEANS.
- MODIFY FLUSH VALVE ON INDICATED HANDICAPPED WATER CLOSETS SO THAT OPERATOR IS ON RIGHT SIDE OF VALVE WHEN FACING THE PLUMBING FIXTURE. DOMESTIC COLD WATER SUPPLY RUNOUT SHALL BE LOCATED TO ACCOMMODATE THE MODIFICATION. SEE DRAWINGS FOR WATER CLOSETS TO BE MODIFIED.
- INFORMATION ON EXISTING PLUMBING SHOWN WAS OBTAINED FROM PLANS DATED NOVEMBER 9, 1998. THE CONTRACTOR SHALL ADJUST WORK AS REQUIRED TO SUIT ACTUAL LOCATIONS IF DIFFERENT FROM CONTRACT DOCUMENTS.
- RETURN AIR PLENUM NOTE: ALL MATERIALS LOCATED IN THE RETURN AIR PLENUMS SHALL MEET THE REQUIREMENTS OF THE INTERNATIONAL MECHANICAL CODE, SECTION 602.2.1.
- PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION OF PIPES WITH ELECTRICAL PANELS WHEN SHOWN NEAR PANELS OR OVER ELECTRICAL ROOMS.

SPRINKLER SYSTEM NOTES AND SPECIFICATIONS:

- THE EXISTING SPRINKLER SYSTEM IN THE RENOVATED AREAS SHALL BE MODIFIED AS REQUIRED TO PROVIDE FULL SPRINKLER COVERAGE IN ACCORDANCE WITH NFPA 13-2019 AND THE 2021 VIRGINIA CONSTRUCTION CODE.
- INSTALLATION SHALL BE ACCOMPLISHED BY A CONTRACTOR WHO IS DULY LICENSED AND ACCREDITED IN THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS AND FIRE PROTECTION EQUIPMENT FOR THE PAST THREE YEARS.
- EXISTING SPRINKLER HEADS SHALL BE REMOVED IN THE AREAS OF RENOVATION, OR RELOCATED AS INDICATED ON THE PLANS AND AS PERMITTED BY NFPA 13-2019 SECTION 29.3. NEW SPRINKLER HEADS SHALL BE RECESSED PENDENT IN FINISHED CEILINGS, AND UPRIGHT IN SPACES OPEN TO STRUCTURE.
- PIPING SHALL BE FERROUS PIPING (WELDED AND SEAMLESS), ASTM A795, ASTM A53 OR ASTM A153 IN ACCORDANCE WITH NFPA 13-2019.
- CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ALL SPRINKLERS AND SPRINKLER PIPING WITH OTHER PIPES, DUCTS, LIGHTS, EQUIPMENT, CONDUIT, STRUCTURAL SYSTEMS, CEILING SUPPORTS, AND FRAMING BEFORE INSTALLATION. SPRINKLER PIPING SHALL NOT BE INSTALLED WHERE ITS LOCATION INHIBITS EQUIPMENT FILTER AND MAINTENANCE ACCESS OR INFRINGES UPON CLEARANCE DICTATED BY THE NATIONAL ELECTRIC CODE. ALL SPRINKLERS TO BE CENTERED IN CEILING TILES - "CENTER OF TILE."
- THE SPRINKLER SYSTEM IN CORRIDORS, OFFICES, EXAM ROOMS AND SIMILAR SPACES SHALL LIGHT HAZARD DESIGNED TO PROVIDE 0.10 GPM/SQ. FT. OVER 1500 SQ. FT. PLUS A 100 GPM HOSE ALLOWANCE. THE SYSTEM SHALL BE WET USING 155 DEG. F. SPRINKLER HEADS AND COVER NO MORE THAN 225 SQ. FT. PER HEAD.
- THE SPRINKLER SYSTEM IN STORAGE ROOMS, MECHANICAL ROOMS, IT ROOMS AND SIMILAR SPACES SHALL BE ORDINARY HAZARD GROUP 2 DESIGNED TO PROVIDE 0.15 GPM/SQ. FT. OVER 1500 SQ. FT. PLUS A 250 GPM HOSE ALLOWANCE. THE SYSTEM SHALL BE WET USING 155 DEG. F. SPRINKLER HEADS AND COVER NO MORE THAN 130 SQ. FT. PER HEAD.
- PROVIDE FIRESTOPPING AT ALL LOCATIONS WHERE PIPES PENETRATE RATED WALL ASSEMBLIES.
- THE EXISTING SPRINKLER SYSTEM SERVING AREAS NOT BEING RENOVATED MUST BE MAINTAINED DURING CONSTRUCTION.

FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	WASTE	VENT	COLD	HOT	REMARKS
WC-1	WATER CLOSET (FLUSH VALVE)	4"	2"	1"	-	FLOOR MOUNTED, HANDICAPPED#
L-1	LAVATORY	1 1/4"	2"	1/2"	1/2"	WALL MOUNTED, HANDICAPPED# 3/4" FINISH FLOOR TO RIM
MS	MOP SINK	3"	2"	1/2"	1/2"	FLOOR MOUNTED
SK-1	SINK (SINGLE COMPARTMENT)	1 1/2"	2"	1/2"	1/2"	COUNTER TOP, UNDERMOUNT
SK-2	SINK (SINGLE COMPARTMENT)	1 1/2"	2"	1/2"	1/2"	COUNTER TOP, UNDERMOUNT, HANDICAPPED#
EWC	ELECTRIC WATER COOLER(HI/LOW)	1 1/4"	1 1/2"	1/2"	-	WALL MOUNTED, HANDICAPPED# LOW UNIT 36" FF TO SPOUT OUTLET
EEFW	EMERGENCY EYE/FACE WASH	1 1/4"	1 1/2"	1/2"	1/2"	DECK MOUNTED
IM	ICE MAKER BOX	-	-	1/2"	-	

INSTALLATION SHALL MEET AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.

PLUMBING LEGEND

ABOVE FINISHED FLOOR	ABV		DES
ABOVE FINISHED GRADE	AFG		BY
ACCESS DOOR	ADR		DATE
BALANCING VALVE			REVISIONS
BALL VALVE			
BELOW FINISHED FLOOR	BEL		
BETWEEN	BET		
CAST IRON	CI		
CEILING	CLG		
CHECK VALVE			
CIRCUIT SETTER			
CLEANOUT	CO		
IN HORIZONTAL OR BELOW FLOOR			
IN VERTICAL OR FLUSH WITH FLOOR			
COMPRESSED AIR PIPE, NEW	CA		
EXISTING TO REMAIN	CA		
EXISTING TO BE REMOVED	CA		
DIRECTION OF FLOW	DIA		
DIRECTION OF SLOPE DOWN			
DOMESTIC COLD WATER PIPE, NEW	CW		
EXISTING TO REMAIN	CW		
EXISTING TO BE REMOVED	CW		
DOMESTIC HOT WATER PIPE, NEW	HW		
EXISTING TO REMAIN	HW		
EXISTING TO BE REMOVED	HW		
DOMESTIC HOT WATER CIRCULATING PIPE, NEW	HWR		
EXISTING TO REMAIN	HWR		
EXISTING TO BE REMOVED	HWR		
DOWN	DN		
DRAIN PIPE	D		
ELECTRIC WATER COOLER	EWC		
EMERGENCY EYE/FACE WASH	EEFW		
EXISTING	EX		
EXISTING, REMOVE FROM THIS POINT			
FINISHED FLOOR	FF		
FLOOR DRAIN	FD		
FROM	FR		
HOSE BIBB	HB		
HOT AND COLD WATER	H&CW		
ICE MAKER	IM		
INLET WITH P-TRAP	L		
LAVATORY	MS		
MOP SINK			
NEW CONNECTED TO EXISTING	NC		
NORMALLY CLOSED	NO		
NORMALLY OPEN			
PIPING INDICATION WITH RESPECT TO WATER FLOW			
BOTTOM TAKEOFF			
SIDE CONNECTION			
CONNECTION (BOTTOM,TEE OR TOP)			
TOP TAKEOFF			
TURN DOWN OR FROM BELOW			
TURN UP OR DOWN			
TURN UP OR FROM ABOVE			
PRESSURE GAUGE	SA		
SHOCK ABSORBER	SK		
SINK			
UNION			
VACUUM PIPE	VP		
VENT PIPE, NEW	V		
EXISTING TO REMAIN	V		
EXISTING TO BE REMOVED	V		
VENT STACK	VS		
VENT THRU ROOF	VTR		
WALL HYDRANT	WH		
WASTE PIPE	W		
EXISTING TO REMAIN	W		
EXISTING TO BE REMOVED	W		
WASTE/VENT	W/V		
WATER CLOSET	WC		

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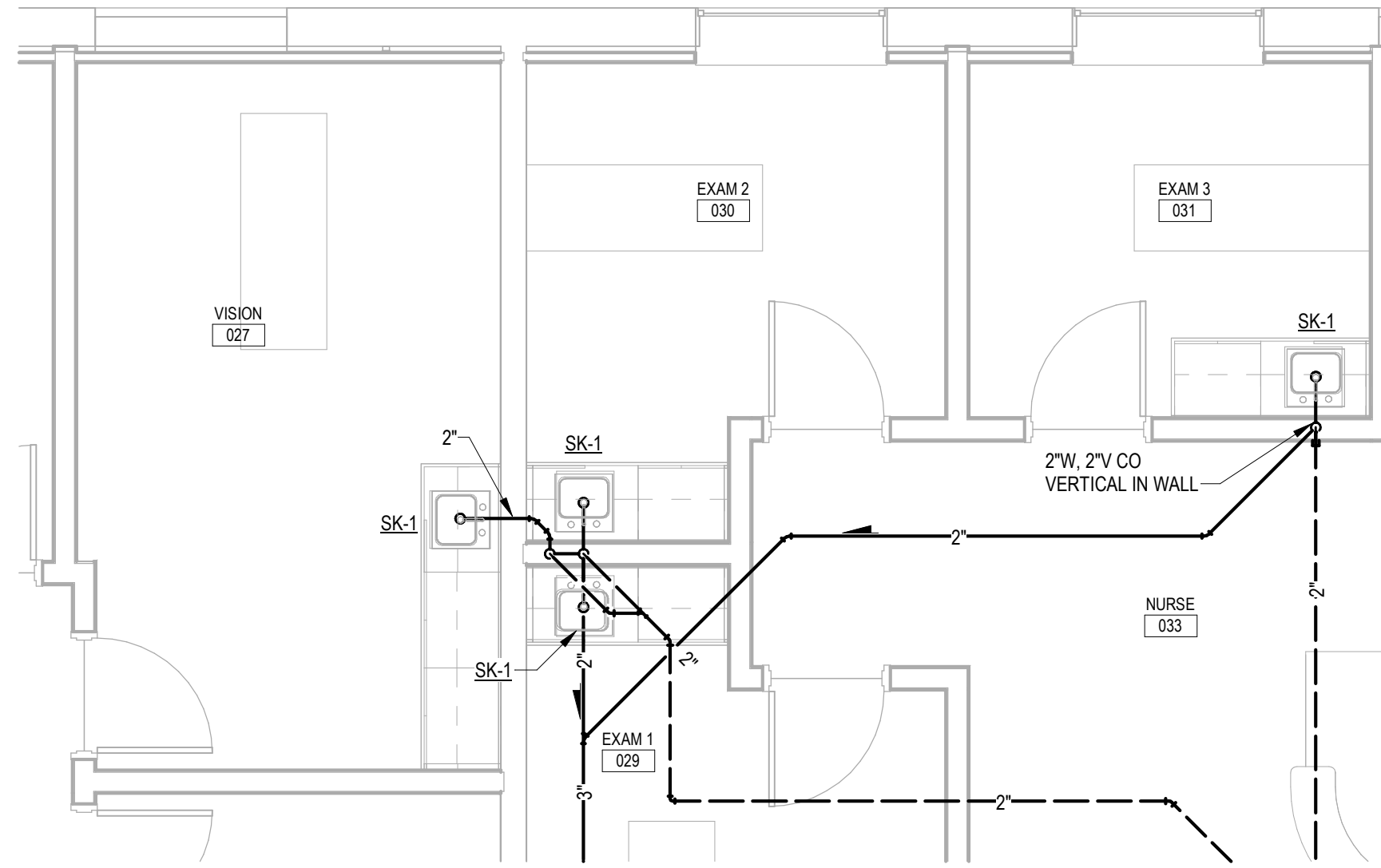
MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
PLUMBING LEGEND, DETAILS AND NOTES

SHEET

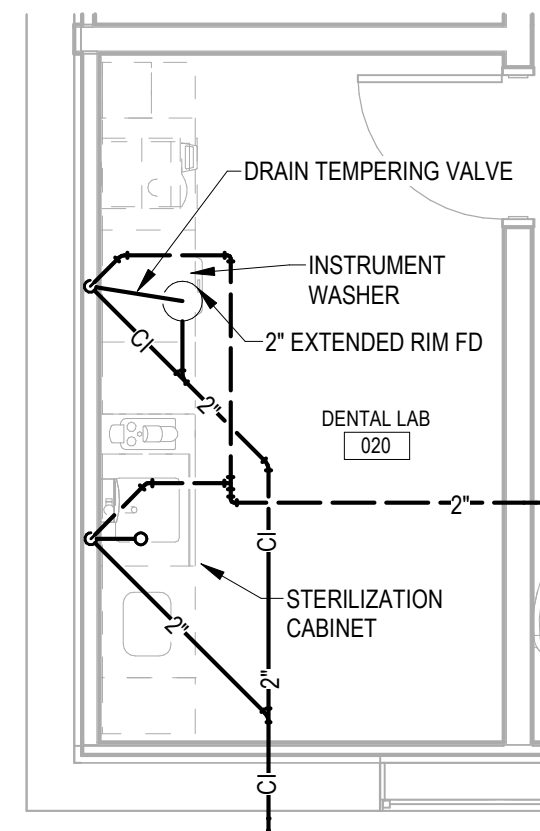
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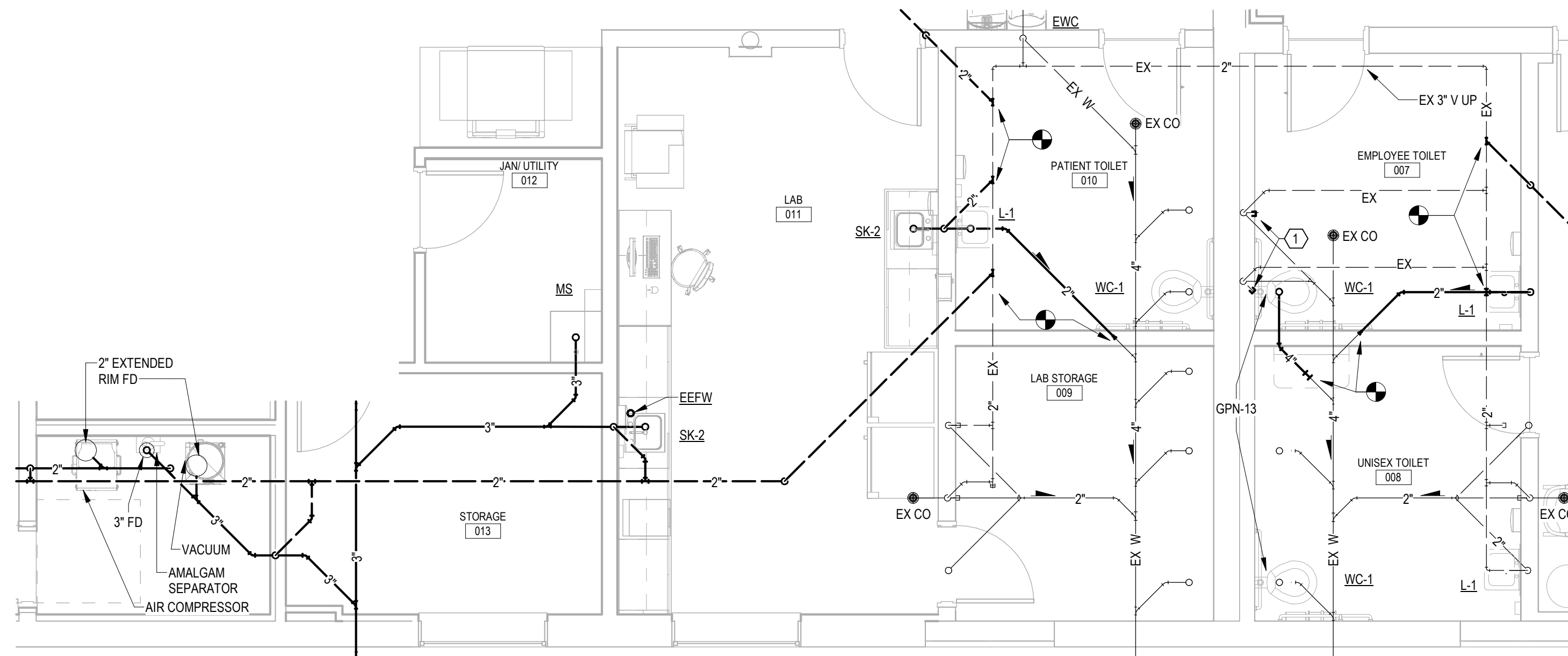
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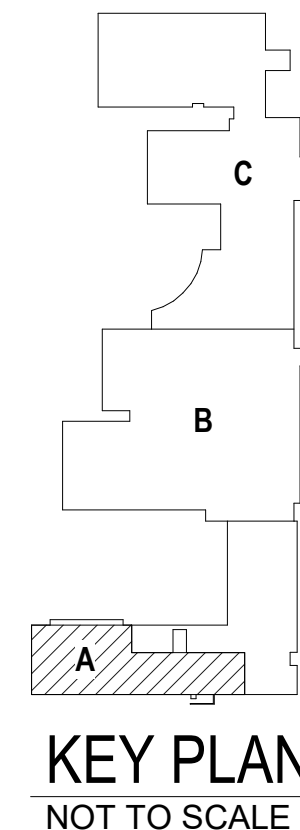
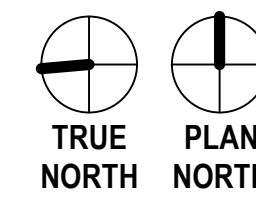
1 PARTIAL PLAN - SANITARY
P-101 SCALE: 1/4" = 1'-0"



2 PARTIAL PLAN - SANITARY
P-101 SCALE: 1/4" = 1'-0"



3 PARTIAL PLAN - SANITARY
P-101 SCALE: 1/4" = 1'-0"

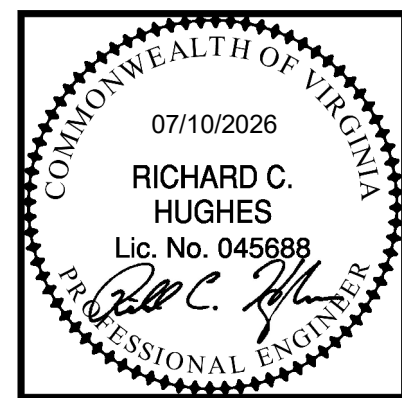


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DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	BY	DES
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DATE	07-10-2026
PROJECT	25117-01
DESIGNED	PDH
DRAWN	PDH
CHECKED	MGW

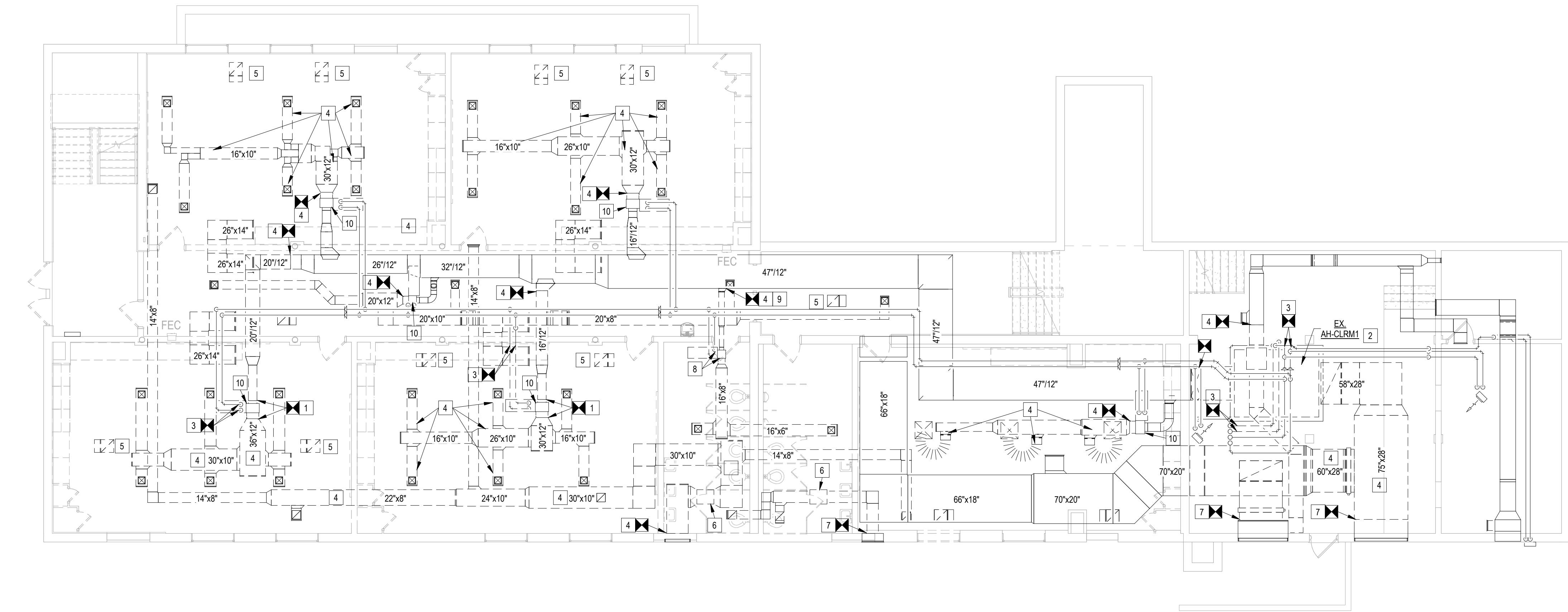
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING **ENLARGED FLOOR PLANS - SANITARY**

SHEET
P-201

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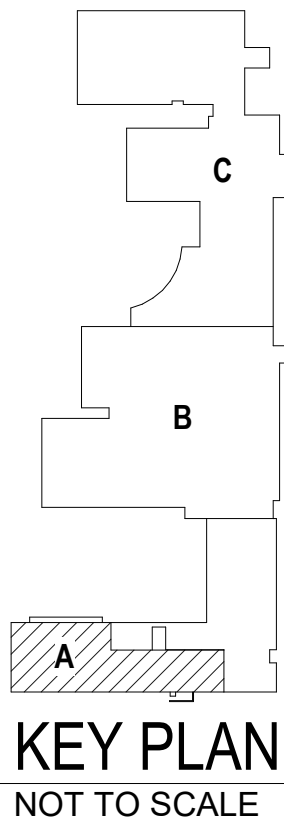
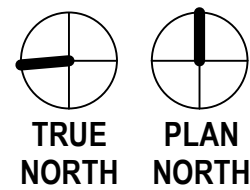
LOWER LEVEL DEMO PLAN - HVAC
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. THE CONTRACTOR SHALL REMOVE OR ALTER AS NECESSARY ALL EXISTING PIPING, DUCTWORK, EQUIPMENT, AND APPURTENANCES THAT ARE NOT REQUIRED FOR EXISTING SYSTEMS TO REMAIN IN OPERATION IN ACCORDANCE WITH THE OVERALL CONSTRUCTION PHASING PLAN. THE CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE SCOPE OF THIS WORK AND VERIFY EXISTING CONDITIONS PRIOR TO PRICING. THOSE SYSTEMS FOUND TO BE INACTIVE OR NO LONGER REQUIRED AS A RESULT OF THE NEW WORK SHALL BE REMOVED.
2. EXISTING EQUIPMENT AND MATERIALS TO BE REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE PREMISES UNLESS DIRECTED OTHERWISE BY THE OWNER. THE OWNER MAY DIRECT THE CONTRACTOR TO TURN OVER PARTICULAR EQUIPMENT TO THE OWNER AND LOCATE AS DIRECTED BY THE OWNER.
3. THE CONTRACTOR SHALL PROTECT ALL EXISTING SYSTEMS DURING DEMOLITION THAT ARE REQUIRED TO REMAIN IN OPERATION TO COMPLY WITH THE PROJECT'S PHASING. SYSTEMS THAT ARE DAMAGED OR INCORRECTLY REMOVED DUE TO DEMOLITION WORK SHALL BE REPAIRED OR REPLACED. INSULATION ON EXISTING PIPING OR DUCT THAT IS DAMAGED OR REMOVED DUE TO DEMOLITION WORK SHALL BE REPLACED AND SEALED AS REQUIRED.
4. THE CONTRACTOR IS CAUTIONED THAT THE EXISTING HVAC SYSTEM LAYOUTS ARE INDICATED AS ONLY AN APPROXIMATION OF EXISTING CONDITIONS. NOT ALL EXISTING SYSTEMS ARE SHOWN AND SELECTIVE DEMOLITION IS REQUIRED. THE CONTRACTOR SHALL VERIFY ACTUAL SYSTEM CONFIGURATIONS IN THE FIELD AND SHALL COORDINATE ACCORDINGLY.
5. DEMOLITION DRAWINGS HAVE BEEN GENERATED BASED ON ORIGINAL DRAWINGS DATED NOVEMBER 05, 1998, AND ON SITE VISITS. CONTRACTOR SHALL VISIT SITE TO CONFIRM EXISTING CONDITIONS.

DEMOLITION NOTES:

1. REMOVE EXISTING VAV BOX, ASSOCIATED VALVES, PIPING, INSULATION, WIRING, CONDUIT, CONTROLS AND SUPPORTS. STORE AND PREPARE FOR RELOCATION. CLEAN, CAP AND PREPARE EXISTING PIPING AND INSULATION FOR CONNECTION TO NEW WORK.
2. REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED VALVES, PIPING, INSULATION, WIRING, CONDUIT, AND CONTROLS TO THE EXTENT SHOWN. CLEAN AND PREPARE EXISTING CONCRETE EQUIPMENT PAD TO ACCEPT NEW WORK.
3. REMOVE EXISTING PIPING, INSULATION, AND SUPPORTS TO THE EXTENT SHOWN. CLEAN, CAP AND PREPARE EXISTING PIPING AND INSULATION TO REMAIN FOR CONNECTION TO NEW WORK.
4. REMOVE EXISTING DUCTWORK, INSULATION, AND SUPPORTS TO THE EXTENT SHOWN. CLEAN, AND PREPARE EXISTING DUCTWORK AND INSULATION TO REMAIN FOR CONNECTION TO NEW WORK.
5. REMOVE EXISTING RETURN GRILLE, TRANSFER DUCT, AND ASSOCIATED SUPPORTS.
6. REMOVE EXISTING EXHAUST FAN, ASSOCIATED DUCTWORK, WIRING, CONDUIT, SUPPORTS AND CONTROLS.
7. CLEAN AND PREPARE EXISTING LOUVER PLENUM TO ACCEPT NEW WORK.
8. REMOVE EXISTING VAV BOX, ASSOCIATED VALVES, PIPING, INSULATION, WIRING, CONDUIT, CONTROLS AND SUPPORTS. TURN OVER TO THE OWNER. CLEAN AND CAP EXISTING PIPING AND LABEL AS "ABANDONED IN PLACE".
9. CAP EXISTING MEDIUM PRESSURE DUCT TAKE-OFF AND SEAL AIR TIGHT. INSULATE, AND COPE NEW INSULATION TO EXISTING DUCT INSULATION AND VAPOR SEAL.
10. REMOVE EXISTING VAV BOX CONTROLLER, DAMPER ACTUATOR, HEATING WATER CONTROL VALVE, AND SPACE TEMPERATURE SENSOR. ITEMS SHALL BE TURNED OVER TO THE OWNER FOR SPARE PARTS. PREPARE UNIT AND PIPING FOR CONNECTION TO NEW WORK.



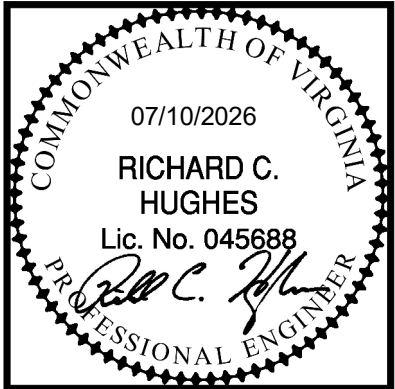
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LOWER LEVEL DEMO PLAN - HVAC

SHEET
MD100

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INDOOR VAV AIR HANDLING UNIT: TRANE	
UNIT MARK	AH-CLRM1
AREA SERVED	LOWER LEVEL PATHS CLINIC
CV OR VAV	MULTIZONE VAV
SUPPLY FAN AIRFLOW, CFM	5,600
FAN QUANTITY	1
ESP, IN. W.C.	1.00
MOTOR BHP / HP (Per Fan)	5.357 / 7-1/2
EXHAUST FAN AIRFLOW, CFM	5,300
FAN QUANTITY	1
ESP, IN. W.C.	1
MOTOR BHP / HP (Per Fan)	3.007 / 5
OUTSIDE AIRFLOW, CFM (MIN / DESIGN)	2,320 / 2,320
ENERGY RECOVERY	
TYPE	TOTAL ENERGY WHEEL
OUTSIDE AIRFLOW, CFM	2,320
EXHAUST AIRFLOW, CFM	2,020
SUMMER PERFORMANCE	
SUPPLY	
ENT. AIR TEMP, ° F, DB / WB	93.5 / 74.5
LEAV. AIR TEMP, ° F, DB / WB	76.7 / 65.2
EXHAUST	
ENT. AIR TEMP, ° F, DB / WB	75 / 63
LEAV. AIR TEMP, ° F, DB / WB	91.3 / 73.3
WINTER PERFORMANCE	
SUPPLY	
ENT. AIR TEMP, ° F, DB / WB	18.0 / 13.0
LEAV. AIR TEMP, ° F, DB / WB	64.8 / 49.8
EXHAUST	
ENT. AIR TEMP, ° F, DB / WB	70.0 / 63.0
LEAV. AIR TEMP, ° F, DB / WB	23.9 / 19.5
COOLING COIL	
COOLING CFM	5,600
FLUID	30% PROPYLENE GYLCOOL
TOTAL CAPACITY, MBH	204.7
SENSIBLE CAPACITY, MBH	146.1
FLOWRATE, GPM	44.3
EWT / LWT, ° F	45 / 55
ENT. AIR TEMP, ° F, DB / WB	76.7 / 65.2
LEAV. AIR TEMP, ° F, DB / WB	53.0 / 52.9
WATER P.D. FT. H2O	8.3
PRE-HEATING COIL	
HEATING CFM	2,800
FLUID	30% PROPYLENE GYLCOOL
TOTAL CAPACITY, MBH	116.6
FLOWRATE, GPM	8.2
EWT / LWT, ° F	180 / 150
ENT. AIR TEMP, ° F, DB	18.0
LEAV. AIR TEMP, ° F, DB	56.4
WATER P.D. FT. H2O	1.0
FILTERS (TYPE)	
SUPPLY	MERV 13
EXHAUST	MERV 13
UNIT ELECTRICAL, V / Ph	460 / 3
SUPPLY FAN MCA / MAX FUSE, A	14.6 / 25.0
EXHAUST FAN MCA / MAX FUSE, A	8.4 / 15.0
ENERGY WHEEL MCA / MAX FUSE, A	77 / 15
SCCR, kAIC	65.0
ESTIMATED UNIT WEIGHT, LBS	4,000
UNIT MODEL NO.	CSAA012
NOTES:	
1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.	
2. PROVIDE FACTORY MOUNTED VFDs.	
3. UNIT MODULES: HORIZONTAL EXHAUST FAN, ENERGY RECOVERY WHEEL (WITH FILTERS IN BOTH AIR STREAMS), RECIRCULATION SECTION, HW COIL, 24-INCH ACCESS SECTION, CW COIL, 24-INCH ACCESS SECTION, HORIZONTAL SUPPLY FAN, DISCHARGE PLENUM, SINGLE ZONE VAV UNITS SHALL HAVE THE HEATING COIL IN THE RE-HEAT POSITION, MULTI-ZONE VAV UNITS SHALL HAVE THE HEATING COIL IN THE PRE-HEAT POSITION.	
4. EXTERNAL STATIC PRESSURE INCLUDES 0.3 INCHES H2O FOR FILTER LOADING	

FANS: GREENHECK											
MARK	TYPE	CFM	ESP, IN. W.C.	RPM	MAX SONES/DBA	MOTOR HP	ELECTRICAL		WEIGHT (LBS)	MODEL	NOTES
F-A1	DIRECT DRIVE CENTRIFUGAL IN-LINE EXHAUST FAN	150	0.267	1,495	3.5 / 44.0	1/15	120 / 1	1.3	40	SQ-70-VG	1, 2, 4, 5
F-A3	BELT DRIVE CENTRIFUGAL IN-LINE EXHAUST FAN	2,400	0.319	963	3.5 / 44.0	1/15	120 / 1	1.3	40	SQ-70-VG	1, 2, 4
NOTES:											
1. PROVIDE SPEED CONTROLLER FOR AIR BALANCE OF FAN.											
2. PROVIDE DISCONNECT SWITCH.											
3. FAN CONTROLLED BY BAS TO RUN DURING OCCUPIED MODE.											
4. FAN CONTROLLED BY BAS THROUGH WALL-MOUNTED THERMOSTAT.											
5. PROVIDE ELECTRONICALLY COMMUTATED (EC) MOTOR.											
6. PROVIDE ROOF FANS WITH INTEGRAL MOD.											
7. MOTOR SHALL BE PREMIUM EFFICIENCY TYPE SUITABLE FOR USE WITH VARIABLE SPEED DRIVE.											
8. PROVIDE VARIABLE SPEED DRIVE PACKAGE WITH PRESSURE CONTROL.											
9. REFER TO PLANS FOR UNIT QUANTITY.											

EXISTING VARIABLE AIR VOLUME HEATING BOXES: TRANE MODEL VCWF													
MARK	SIZE	EXISTING AIRFLOW, CFM			EXISTING HEATING COIL PERFORMANCE			NEW AIRFLOW, CFM3			NEW HEATING COIL PERFORMANCE3		
		COOLING MAX	COOLING MIN		HEATING CAPACITY, MBH	FLOW RATE, GPM	MAX ΔP, FT. H2O	COOLING MAX	COOLING MIN	HEATING MAX	HEATING CAPACITY, MBH	FLOW RATE, GPM	MAX ΔP, FT. H2O
1-V-1	12	2,010	670		39.5	4.3	4.0	1,380	280	690	26.2	2.8	4.0
1-V-2	12	1,770	590		41.7	4.5	4.0	950	190	475	18.0	1.9	4.0
1-V-3	12	1,730	575		37.0	4.0	4.0	1,720	345	860	32.7	3.5	4.0
1-V-4	12	2,020	675		43.0	4.6	4.0	1,375	275	690	26.2	2.8	4.0
1-V-5	12	1,700	570		36.7	4.0	4.0	800	160	400	15.2	1.6	4.0
1-V-6	8	220	400		7.5	0.8	4.0	THIS	BOX	NOT	USED	NOT	USED
1-V-7	8	900	345		18.5	2.0	1.6	770	155	385	14.6	1.6	1.6
NOTES:													
1. HEATING CAPACITIES BASED ON 180 DEG. F EWT WITH 30% PROPYLENE GYLCOL, 55 DEG. F EAT.													
2. SIZES AND CAPACITIES LISTED BASED ON EXISTING PLANS DATED 11/05/98.													
3. RESET EXISTING BOXES TO NEW AIRFLOWS INDICATED. ADD HEATING MAX TO SEQUENCE AND CONTROLS.													

DUCTLESS SPLIT SYSTEM AIR CONDITIONING UNIT: DAIKIN											
UNIT MARK (INDOOR/OUTDOOR)	TYPE	AIRFLOW (CFM)	REFRIGERANT	COOLING			ELECTRICAL			INDOOR / OUTDOOR UNIT WEIGHT (LBS.)	UNIT MODEL NUMBER
				TOTAL CAP (MBH)	SENS CAP (MBH)	SEER / EER	MCA INDOOR/OUTDOOR	MOP INDOOR/OUTDOOR	V / Ph		INDOOR / OUTDOOR
SAC-1	WALL MOUNTED	485	R-410A	24.0	18.0	17.6 / 10.2	0.6 / 16.5	15.0 / 20.0	208 / 1	31 / 172	FAQ24TAVJUA / RZR24VJUA
NOTES:											
1. COOLING CAPACITY BASED ON ARI CONDITIONS.											
2. FAN HAS BEEN SELECTED AT MEDIUM SPEED.											
3. FURNISH WITH SEVEN DAY PROGRAMMABLE THERMOSTAT WITH CONTACTORS FOR CONNECTION TO AND MONITORING FROM THE BUILDING AUTOMATION SYSTEM.											
4. PROVIDE DISCONNECT SWITCH FOR EACH INDOOR UNIT.											
5. PROVIDE INDOOR UNITS WITH CONDENSATE OVERFLOW SWITCH.											
6. INCLUDE INTEGRAL CONDENSATE PUMP.											
7. SIZE, ROUTE AND INSTALL REFRIGERANT PIPING PER MANUFACTUER'S SPECIFICATIONS.											

GENERAL NOTES:

- DUE TO THE DRAWINGS BEING DIAGRAMMATICAL IN NATURE, THE DRAWINGS DO NOT SHOW ALL RISES AND DROPS THAT MAY BE REQUIRED. THE CONTRACTOR SHALL INCLUDE THESE IN THE BID. WHERE POSSIBLE, ALL RISES AND DROPS SHALL BE CONSTRUCTED USING 45 DEGREE OR LONG RADIUS ELBOW.
- PROVIDE ALL DUCTWORK TRANSITIONS AND PIPING INCREASERS/REDUCERS AS REQUIRED FOR EQUIPMENT CONNECTIONS. CONSULT MANUFACTURERS' DATA FOR ACTUAL DUCTWORK AND PIPING CONNECTION SIZES, INCLUDING, BUT NOT LIMITED TO, THOSE SHOWN.
- ALL FINISHES AND SURFACES WHICH ARE DAMAGED DURING CONSTRUCTION WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL SEAL AND FLASH ALL WALL, ROOF, AND FLOOR PENETRATIONS AIR TIGHT AND WATER TIGHT AT PIPE, DUCTWORK, AND CONDUIT PENETRATIONS. ALL PENETRATIONS THRU FIRE RATED WALLS TO BE SEALED AS PER UL DETAILS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL WORK NECESSARY TO PREPARE THE STRUCTURE FOR THE INSTALLATION WORK OF THE MECHANICAL SYSTEMS. ALL HOLES, OPENINGS AND ANY DAMAGED MATERIALS OR SURFACES SHALL BE REPAIRED AND FINISHED TO MATCH EXISTING.
- FIELD VERIFY TO ELECTRICAL, PLUMBING, ARCHITECTURAL AND STRUCTURAL FOR COORDINATION WITH THESE DRAWINGS.
- DO NOT BLOCK TUBE PULL OR SERVICE SPACE ON EQUIPMENT WITH PIPING, DUCTWORK, ETC. (FLANGED OR REMOVABLE SECTIONS MAY BE USED IN SOME INSTANCES WHERE TIGHT CLEARANCES EXIST).
- ALL DUCTS AND APPARATUS CASINGS ARE TO BE THOROUGHLY CLEANED BEFORE COILS ARE OPERATED.
- SUPPLY DUCTS SHALL TRANSITION FROM UNIT CONNECTION SIZE TO THE SIZE INDICATED ON THE DRAWINGS.
- PIPING, DUCTWORK AND EQUIPMENT SHALL BE SUPPORTED FROM, OR ANCHORED TO, THE BUILDING STRUCTURE; CEILING CONSTRUCTION SHALL NOT BE USED FOR SUPPORT OR ANCHORING OF NEW WORK.
- DO NOT LOCATE CONDUIT, WIRING, PIPING OR PIPING SUPPORTS BELOW FAN COIL UNIT ACCESS PANELS.
- PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY OWNER, THE CONTRACTOR SHALL DEMONSTRATE ACCESS TO ALL EQUIPMENT FILTERS AND VALVES IN THE PRESENCE OF THE OWNER'S MAINTENANCE PERSONNEL. ALL FILTERS IN UNITS OPERATED DURING CONSTRUCTION SHALL BE CHANGED AT THAT TIME. SUBMIT IN WRITING THAT THIS TASK HAS BEEN ACCOMPLISHED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. PROVIDE ONE EXTRA SET OF FILTERS FOR EACH ROOF TOP UNIT.
- MAINTAIN CEILING HEIGHTS. INSTALL ITEMS AS TIGHT TO STRUCTURE AS POSSIBLE.
- ALL DUCTWORK AND PIPES SHALL BE COORDINATED WITH OTHER NEW AND EXISTING DUCTS, PIPES, LIGHTS, STRUCTURAL SYSTEM, CEILING SUPPORTS AND FRAMING BEFORE INSTALLATION. MINOR DUCT AND PIPE OFFSETS AND MINOR DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED. WHERE TRANSITIONS ARE REQUIRED, CROSS SECTIONAL AREA OF DUCT SHALL NOT BE REDUCED. MEASUREMENTS FOR VERTICAL CLEARANCES OF DUCTWORK SHALL BE TAKEN AT THE JOB SITE BEFORE FABRICATION OF ANY DUCTWORK.
- ANY AND ALL EXPOSED DUCTWORK OR HVAC PIPING SHALL BE PAINTED. COORDINATE COLOR OF PAINT WITH THE ARCHITECT.
- EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
- MATERIALS AND INSTALLATION SHALL COMPLY WITH LOCAL CODES, APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION, LOCAL UTILITY REGULATIONS AND GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
- CONTRACTOR SHALL SEAL AND FLASH ALL PENETRATIONS IN EXISTING ROOF AND WALLS.
- VERIFY ROOF AND WALL OPENINGS WITH STRUCTURE.
- VERIFY THE LOCATION OF ALL THERMOSTATS, TEMPERATURE SENSORS, PANELS AND CONTROL INSTRUMENTS WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- VERIFY LOCATIONS OF NEW AND EXISTING EQUIPMENT AND ROUTE OF DUCTWORK AND PIPING WITH EXISTING CONDITIONS.
- ALL CUTTING AND PATCHING FOR THE INSTALLATION OF NEW WORK SHALL BE DONE BY THE GENERAL CONTRACTOR.
- REFER TO ARCHITECTURAL AND ELECTRICAL DRAWINGS TO COORDINATE THE EXACT LOCATIONS OF DIFFUSERS, REGISTERS, GRILLES, PIPING AND OTHER MECHANICAL EQUIPMENT WITH CEILING GRID, LIGHTS, BEAMS AND OTHER BUILDING COMPONENTS.
- CONTRACTOR SHALL PROVIDE ALL SUPPORTS REQUIRED TO MOUNT MECHANICAL EQUIPMENT, PIPING AND DUCTWORK.
- WHERE PIPE AND DUCT CONNECTIONS ARE SHOWN CONNECTING TO EXISTING, CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND CONNECTION SIZES PRIOR TO INSTALLATION.
- ALL FLEXIBLE DUCTS CONNECTED TO SUPPLY DIFFUSERS SHALL BE SIZED TO EQUAL THE DIFFUSER NECK DIAMETER.
- ALL KITCHEN DUCTWORK SHALL BE INSTALLED ABOVE LAY-IN CEILING.
- PROVIDE FLEXIBLE DUCT CONNECTIONS BETWEEN THE SUPPLY AND RETURN DUCTS AND THE AIR UNITS. FLEXIBLE CONNECTIONS SHALL BE WEATHERTIGHT WHEN EXPOSED.
- EXPOSED PIPING RUNOUTS SHALL BE INSTALLED IN PRACTICAL ALIGNMENT WITH THE BUILDING AND SHALL BE ADEQUATELY SECURED TO THE BUILDING STRUCTURE.
- PROVIDE MANUAL BALANCING DAMPERS AS REQUIRED FOR BALANCING AIRFLOWS, EVEN IF NOT SHOWN ON DRAWINGS. COORDINATE WITH TAB CONTRACTORS.
- PROVIDE ACCESS DOORS OF SUFFICIENT SIZE IN WALLS AND CEILINGS FOR ALL CONCEALED CONTROLS, DAMPERS OR ANY ITEMS REQUIRING ACCESS.
- AIR DEFLECTORS SHALL BE PROVIDED IN ALL SQUARE ELBOWS OF SUPPLY DUCTWORK, EVEN WHEN NOT SHOWN ON THE DRAWINGS. DO NOT PROVIDE AIR DEFLECTORS IN RETURN AND EXHAUST DUCTWORK UNLESS OTHERWISE SHOWN.
- DUCTWORK AND PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION OF DUCTWORK AND PIPING WITH ELECTRICAL PANELS WHEN SHOWN NEAR PANELS OR OVER ELECTRICAL ROOMS.
- REFRIGERANT PIPING SHALL BE OF MATERIAL SIZED ROUTED, SUPPORTED, INSULATED AND INSTALLED IN STRICT ACCORDNACE WITH THE SPLIT SYSTEM EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. ALL PIPING ROUTES SHALL BE VERIFIED WITH MANUFACTURER'S REPRESENTATIVE AND THE ARCHITECT PRIOR TO INSTALLATION.
- CONDENSATE DRAIN LINES SHALL BE TYPE M HARD DRAWN COPPER. INTERIOR LINES SHALL BE INSULATED TO PREVENT SWEATING. CONDENSATE DRAINS FROM AIR CONDITIONING UNITS SHALL EXTEND TO THE NEAREST FLOOR DRAIN OR ROOF DRAIN AND SHALL BE TRAPPED IN ACCORDANCE WITH THE AIR CONDITIONING UNIT MANUFACTURER'S PUBLISHED INSTRUCTIONS TO PREVENT AIR SIPHONING BY THE SUPPLY FAN.
- ALL CEILING DIFFUSERS SHALL BE 4-WAY THROW UNLESS NOTED OTHERWISE.
- REFER TO REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DEVICES.
- CONTRACTOR SHALL VERIFY THAT VFD'S ARE PROVIDED WITH INTEGRAL DISCONNECT TO DISCONNECT POWER TO THE CONTROLLER AND THE MOTOR. VFD'S SHALL BE LOCATED WITHIN SIGHT OF THE MOTOR BEING SERVED.
- ALL EQUIPMENT SHALL BE SECURED TO CONCRETE HOUSEKEEPING PADS WITH HOLD-DOWN BOLTS TO PREVENT MOVEMENT.
- SYSTEMS SHALL OPERATE UNDER CONDITIONS OF LOAD WITHOUT UNUSUAL OR EXCESSIVE NOISE OR VIBRATION. UNUSUAL OR EXCESSIVE NOISE OR VIBRATION SHALL BE CORRECTED.
- EQUIPMENT, MATERIALS AND LABOR REQUIRED BY THESE CONTRACT DRAWINGS SHALL BE GUARANTEED TO BE FREE FROM DEFECTIVE MATERIALS OR WORKMANSHIP FOR ONE YEAR AFTER FINAL ACCEPTANCE OF THE PROJECT UNLESS SPECIFIED OTHERWISE. DEFECTIVE MATERIALS OR WORKMANSHIP OCCURRING DURING THIS PERIOD SHALL BE CORRECTED AT NO ADDITIONAL COST.
- CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT DUCTWORK AND EQUIPMENT DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, SEALING AND COVERING DUCTWORK AND EQUIPMENT.
- REFRIGERANT ACCESS PORTS LOCATED OUTDOORS ON GRADE SHALL BE FITTED WITH LOCKING-TYPE TAMPER-RESISTANT CAPS OR BE OTHERWISE SECURED TO PREVENT UNAUTHORIZED ACCESS.
- CONTRACTOR SHALL PROVIDE NECESSARY CONTROLS AND EQUIPMENT IN ORDER TO ADEQUATELY EXPAND THE EXISTING BAS SYSTEM. THE PANELS SHOWN ARE NOT INTENDED TO BE INCLUSIVE OF ALL PANELS THAT MAY BE REQUIRED FOR PROPER CONTROL OF THE HVAC SYSTEMS. PROVIDE ALL PANELS THAT ARE REQUIRED FOR A FULLY-FUNCTIONAL BUILDING AUTOMATION SYSTEM. COORDINATE EXACT LOCATION OF ANY NEW PANEL(S) WITH THE ARCHITECT AND THE OWNER.
- PROVIDE SPIN-IN FITTINGS OR PRE-MANUFACTURED LOW-LOSS TAPS WITH MANUAL DAMPERS FOR ALL FLEXIBLE RUNOUTS AS INDICATED IN DETAILS.
- PROVIDE AIR-TIGHT SEAL BETWEEN DUCTWORK AND FLOOR OR FIRE PARTITION WITH FIRE RESISTANT MATERIAL.
- ANNUAL SPACE AROUND DUCT PENETRATING ONE FLOOR SHALL BE SEALED WITH NON-COMBUSTIBLE MATERIAL AND WILL NOT ALLOW FREE PASSAGE OF SMOKE PER VCC 710.
- CONTRACTOR SHALL VERIFY ALL REQUIRED FIRE DAMPER RATINGS AT EACH LOCATION WITH ARCHITECT'S CODE COMPLIANCE PLANS.

HVAC LEGEND

ABOVE ABOVE FINISHED FLOOR AIR CONDITIONING UNIT AIR HANDLING UNIT ANCHOR BELOW BETWEEN CAPACITY CEILING	ABV AFF AC AHU * BEL BET CAP CLG
CEILING GRILLE	CG
CEILING REGISTER CHECK VALVE CHILLED WATER RETURN PIPE CHILLED WATER SUPPLY PIPE CIRCUIT SETTER	CR CWR CWS CS(GPM)
CLEANOUT COMMON CONTROL SWITCH COOLING COIL CONDENSATE DRAIN PIPE CUBIC FEET PER MINUTE DEGREES FAHRENHEIT DIAMETER DIRECTION OF FLOW DIRECTION OF SLOPE DOWN DOWN DUCT SLOPE DOWN DUCT SLOPE UP DUCT TRANSITION DUCTWORK (NEW) ACOUSTIC LINED RETURN & EXHAUST SUPPLY WATERTIGHT DUCTWORK (EXISTING TO REMAIN) RETURN EXHAUST SUPPLY DUCTWORK (EXISTING TO BE REMOVED) EACH ENTERING AIR TEMPERATURE ENTERING WATER TEMPERATURE	CO C S COCOD CFM °F " DIA DN DB DN UP ----- ----- ----- EX R EX S EX ----- EA EAT EWT
EXISTING, REMOVE FROM THIS POINT	☒
FAN COIL UNIT FEET FEET PER MINUTE FIRE DAMPER FIRE/SMOKE DAMPER FIRESTAT	FC FT FPM FD FSD FS
FLEXIBLE DUCT CONNECTION FLEXIBLE DUCT RUNOUT FLEXIBLE PIPE CONNECTION FLOOR FLOW SWITCH FREEZE PROTECTION FROM GALLONS GALLONS PER MINUTE GLOBE VALVE HEATING WATER RETURN PIPE HEATING WATER SUPPLY PIPE HORIZONTAL UNIT HEATER HORSEPOWER HOUR HUMIDISTAT INCH INLINE EXHAUST FAN KILOWATT LEAVING AIR TEMPERATURE LEAVING WATER TEMPERATURE	FL FSW FP FRM GAL GPM GSV HWR HWS HUH HP HR IN IEF KW LAT LWT
MANUAL AIR VENT MANUAL DAMPER	MD MOD
MOTOR OPERATED DAMPER	MOD
NEW CONNECTED TO EXISTING NORMALLY CLOSED NORMALLY OPEN OUTDOOR AIR PIPING INDICATION WITH RESPECT TO FLOW SIDE CONNECTION BOTTOM TAKEOFF TOP TAKEOFF TURN DOWN OR FROM BELOW TURN UP OR DOWN TURN UP OR FROM ABOVE POUNDS POUNDS PER SQUARE INCH GAGE PRESSURE DROP	NC NO OA PSIG PO
PRESSURE GAUGE PRESSURE REDUCING VALVE (FILL VALVE)	PRV
PRESSURE RELIEF VALVE RETURN AIR REVOLUTIONS PER MINUTE SERVICE VALVE SMOKE DAMPER STATIC PRESSURE STRAINER	RA RPM SMD SP
SUPPLY AIR	SA
THERMOMETER THERMOSTAT OR TEMPERATURE SENSOR THOUSAND BTU PER HOUR THREE-SPEED FAN SWITCH THREE-WAY CONTROL VALVE UNION WALL HEATER WET BULB	T*STAT MBH WH WB

L P A
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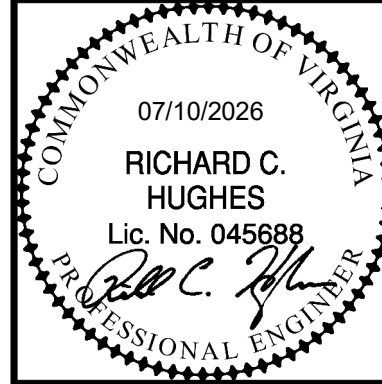
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DES	BY	MARK	DATE	REVISIONS

DATE	07-10-2026	PROJECT	25117-01	MEH	RCH
DESIGNED		DRAWN	GNH/MEH	CHECKED	

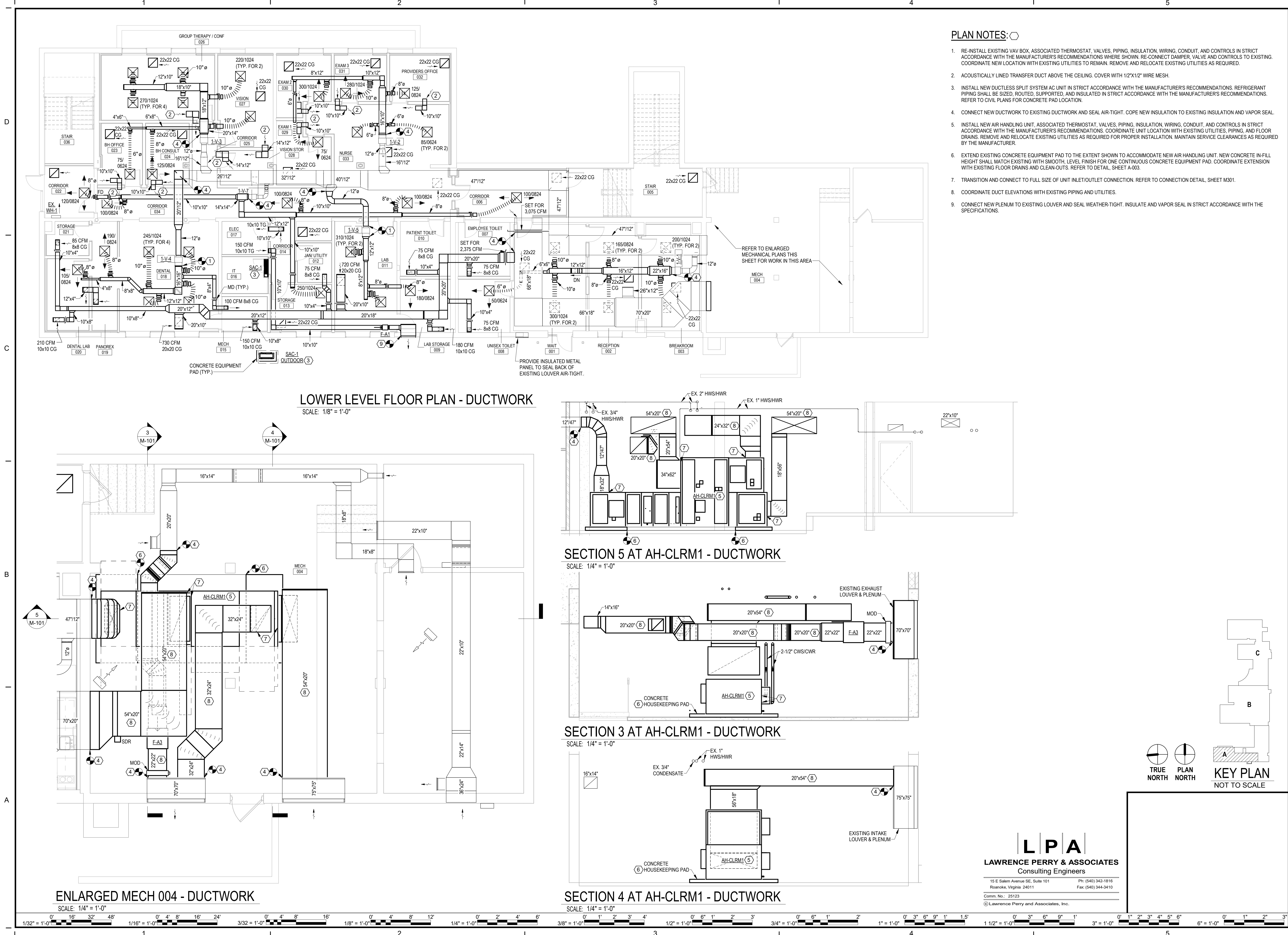
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING HVAC LEGEND AND NOTES

SHEET

M-001



DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
07-10-2026	25117-01	MEH	GNH/MEH	RCH			

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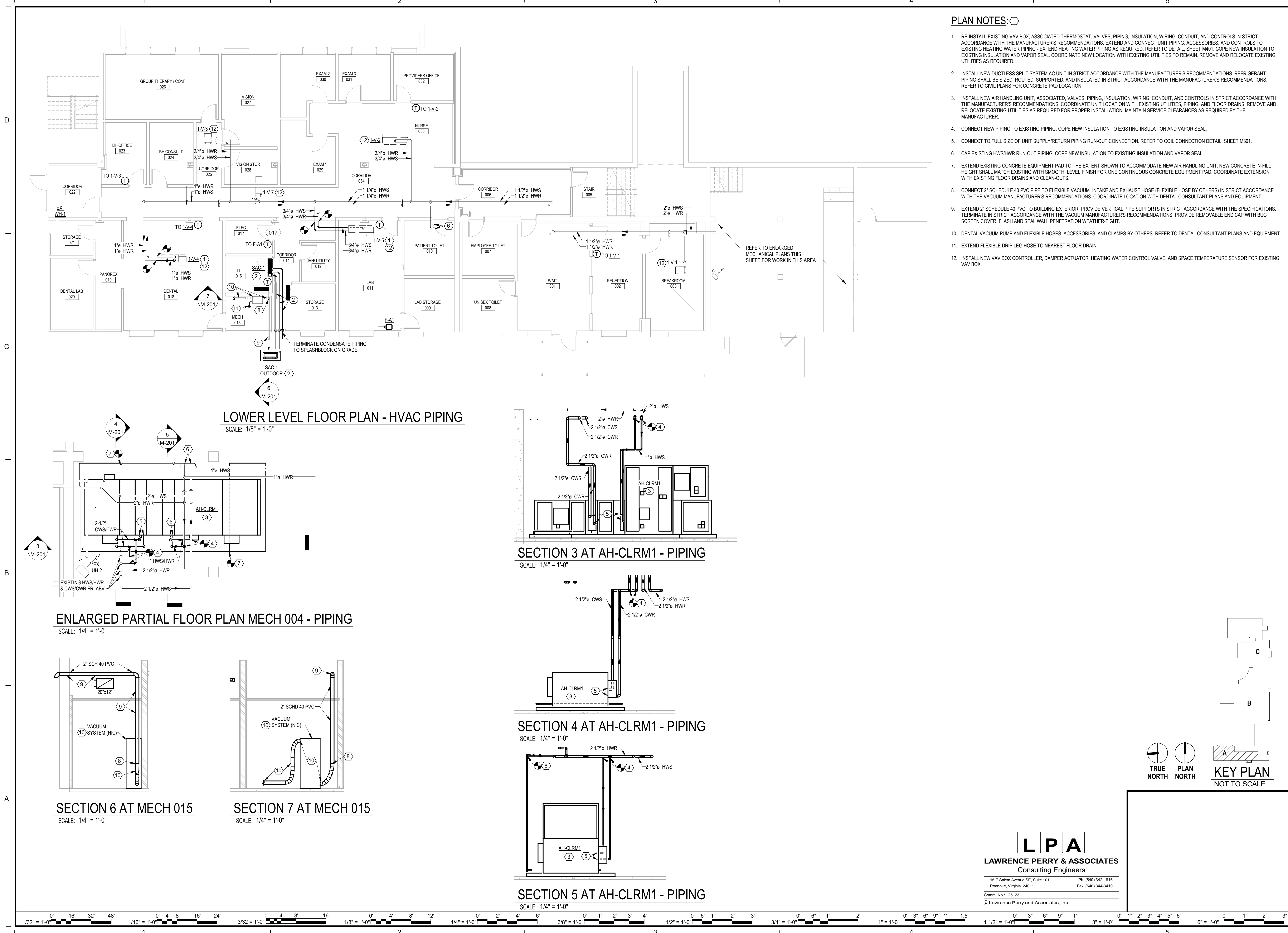
COMMONWEALTH OF VIRGINIA
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RICHARD C. HUGHES
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PROJECT: MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING: LOWER LEVEL FLOOR PLAN - DUCTWORK

SHEET
M-101

Autodesk Docs/25117-01 Albert Harris ES/25123 - AHES PATHS - MECH - R26.rvt

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PLAN NOTES: ◻

1. RE-INSTALL EXISTING VAV BOX, ASSOCIATED THERMOSTAT, VALVES, PIPING, INSULATION, WIRING, CONDUIT, AND CONTROLS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. EXTEND AND CONNECT UNIT PIPING, ACCESSORIES, AND CONTROLS TO EXISTING HEATING WATER PIPING - EXTEND HEATING WATER PIPING AS REQUIRED. REFER TO DETAIL, SHEET M401. COPE NEW INSULATION TO EXISTING INSULATION AND VAPOR SEAL. COORDINATE NEW LOCATION WITH EXISTING UTILITIES TO REMAIN. REMOVE AND RELOCATE EXISTING UTILITIES AS REQUIRED.
2. INSTALL NEW DUCTLESS SPLIT SYSTEM AC UNIT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT PIPING SHALL BE SIZED, ROUTED, SUPPORTED, AND INSULATED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. REFER TO CIVIL PLANS FOR CONCRETE PAD LOCATION.
3. INSTALL NEW AIR HANDLING UNIT, ASSOCIATED, VALVES, PIPING, INSULATION, WIRING, CONDUIT, AND CONTROLS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. COORDINATE UNIT LOCATION WITH EXISTING UTILITIES, PIPING, AND FLOOR DRAINS. REMOVE AND RELOCATE EXISTING UTILITIES AS REQUIRED FOR PROPER INSTALLATION. MAINTAIN SERVICE CLEARANCES AS REQUIRED BY THE MANUFACTURER.
4. CONNECT NEW PIPING TO EXISTING PIPING. COPE NEW INSULATION TO EXISTING INSULATION AND VAPOR SEAL.
5. CONNECT TO FULL SIZE OF UNIT SUPPLY/RETURN PIPING RUN-OUT CONNECTION. REFER TO COIL CONNECTION DETAIL, SHEET M301.
6. CAP EXISTING HWS/HWR RUN-OUT PIPING. COPE NEW INSULATION TO EXISTING INSULATION AND VAPOR SEAL.
7. EXTEND EXISTING CONCRETE EQUIPMENT PAD TO THE EXTENT SHOWN TO ACCOMMODATE NEW AIR HANDLING UNIT. NEW CONCRETE IN-FILL HEIGHT SHALL MATCH EXISTING WITH SMOOTH, LEVEL FINISH FOR ONE CONTINUOUS CONCRETE EQUIPMENT PAD. COORDINATE EXTENSION WITH EXISTING FLOOR DRAINS AND CLEAN-OUTS.
8. CONNECT 2" SCHEDULE 40 PVC PIPE TO FLEXIBLE VACUUM INTAKE AND EXHAUST HOSE (FLEXIBLE HOSE BY OTHERS) IN STRICT ACCORDANCE WITH THE VACUUM MANUFACTURER'S RECOMMENDATIONS. COORDINATE LOCATION WITH DENTAL CONSULTANT PLANS AND EQUIPMENT.
9. EXTEND 2" SCHEDULE 40 PVC TO BUILDING EXTERIOR. PROVIDE VERTICAL PIPE SUPPORTS IN STRICT ACCORDANCE WITH THE SPECIFICATIONS. TERMINATE IN STRICT ACCORDANCE WITH THE VACUUM MANUFACTURER'S RECOMMENDATIONS. PROVIDE REMOVABLE END CAP WITH BUG SCREEN COVER, FLASH AND SEAL WALL PENETRATION WEATHER-TIGHT.
10. DENTAL VACUUM PUMP AND FLEXIBLE HOSES, ACCESSORIES, AND CLAMPS BY OTHERS. REFER TO DENTAL CONSULTANT PLANS AND EQUIPMENT.
11. EXTEND FLEXIBLE DRIP LEG HOSE TO NEAREST FLOOR DRAIN.
12. INSTALL NEW VAV BOX CONTROLLER, DAMPER ACTUATOR, HEATING WATER CONTROL VALVE, AND SPACE TEMPERATURE SENSOR FOR EXISTING VAV BOX.

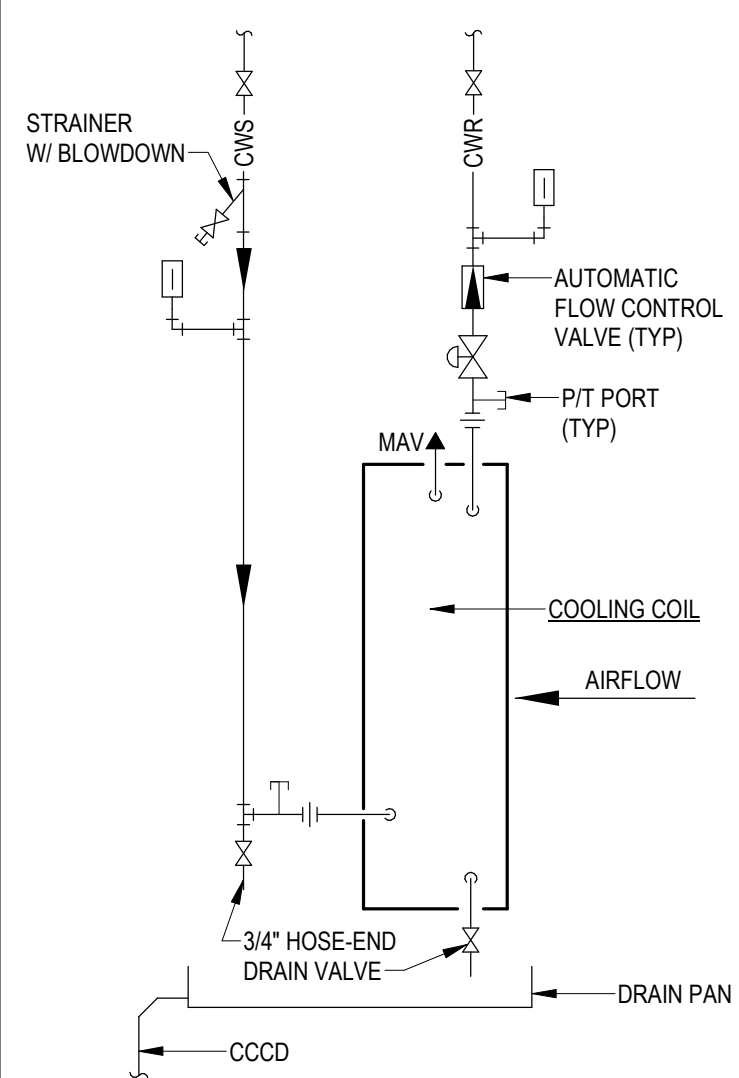
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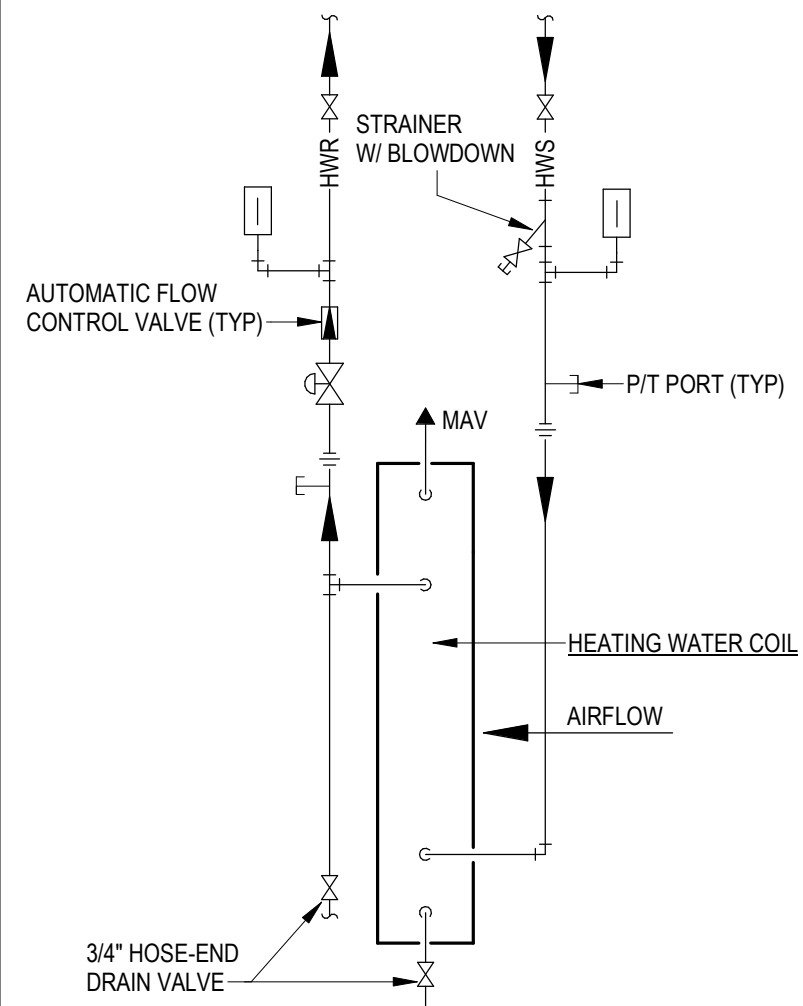
COMMONWEALTH OF VIRGINIA
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PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
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DRAWING LOWER LEVEL FLOOR PLAN - HVAC PIPING

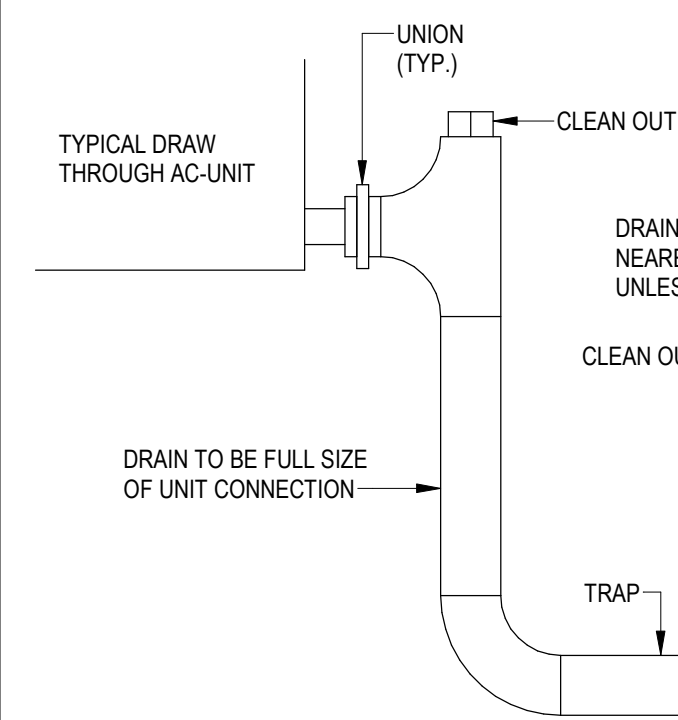
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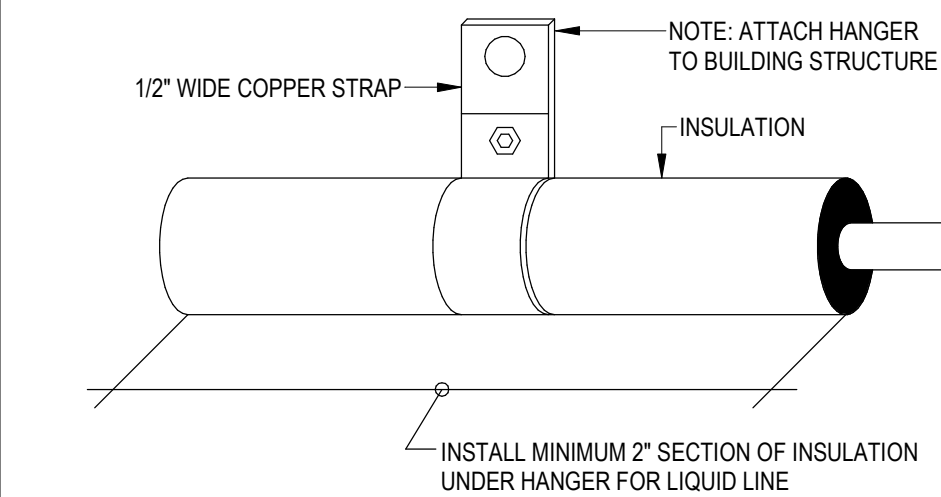
AC UNIT CHILLED WATER
COIL CONNECTION DETAIL
SCHEMATIC



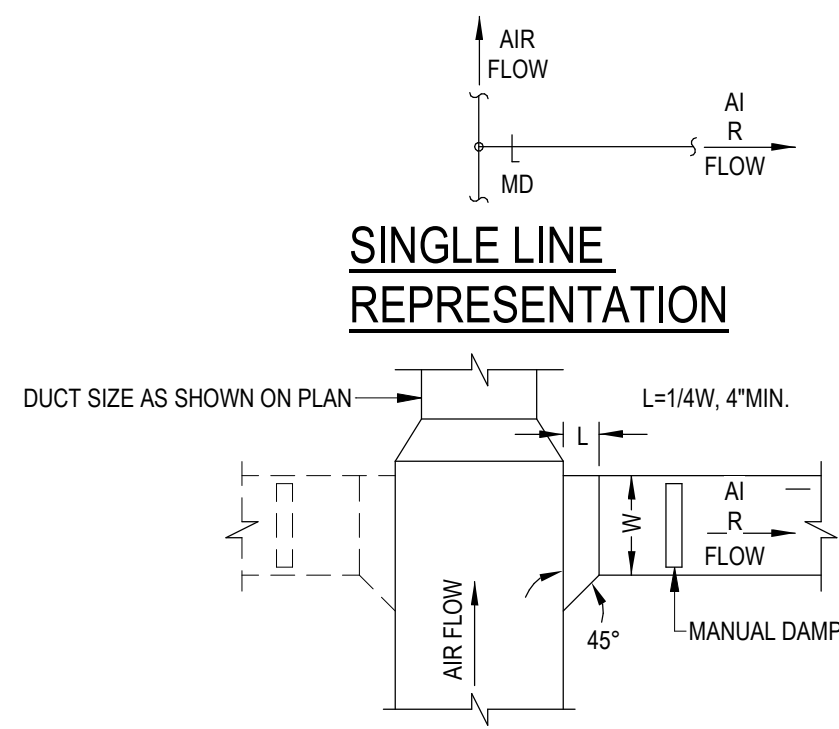
HEATING WATER COIL
CONNECTION DETAIL
SCHEMATIC



COOLING COIL CONDENSATE DRAIN
NO SCALE

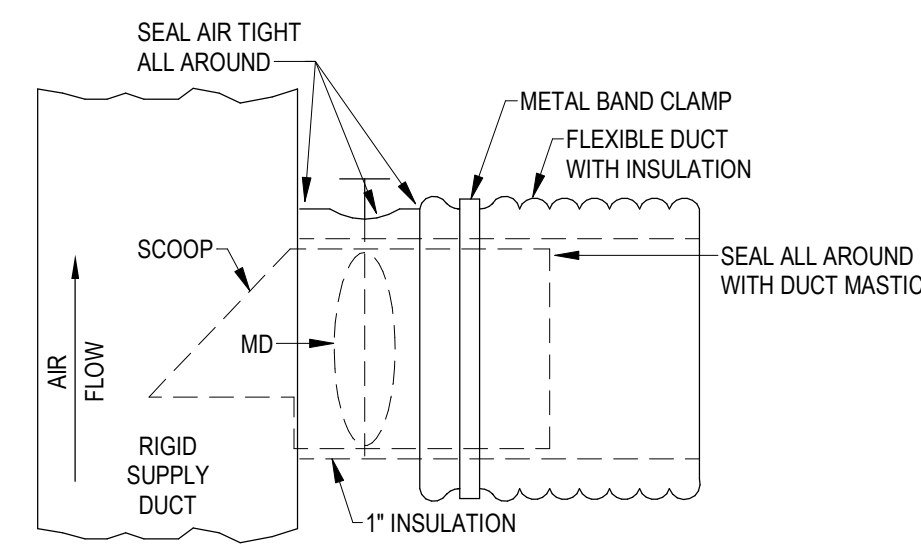


REFRIGERANT PIPING HANGER DETAIL
NO SCALE

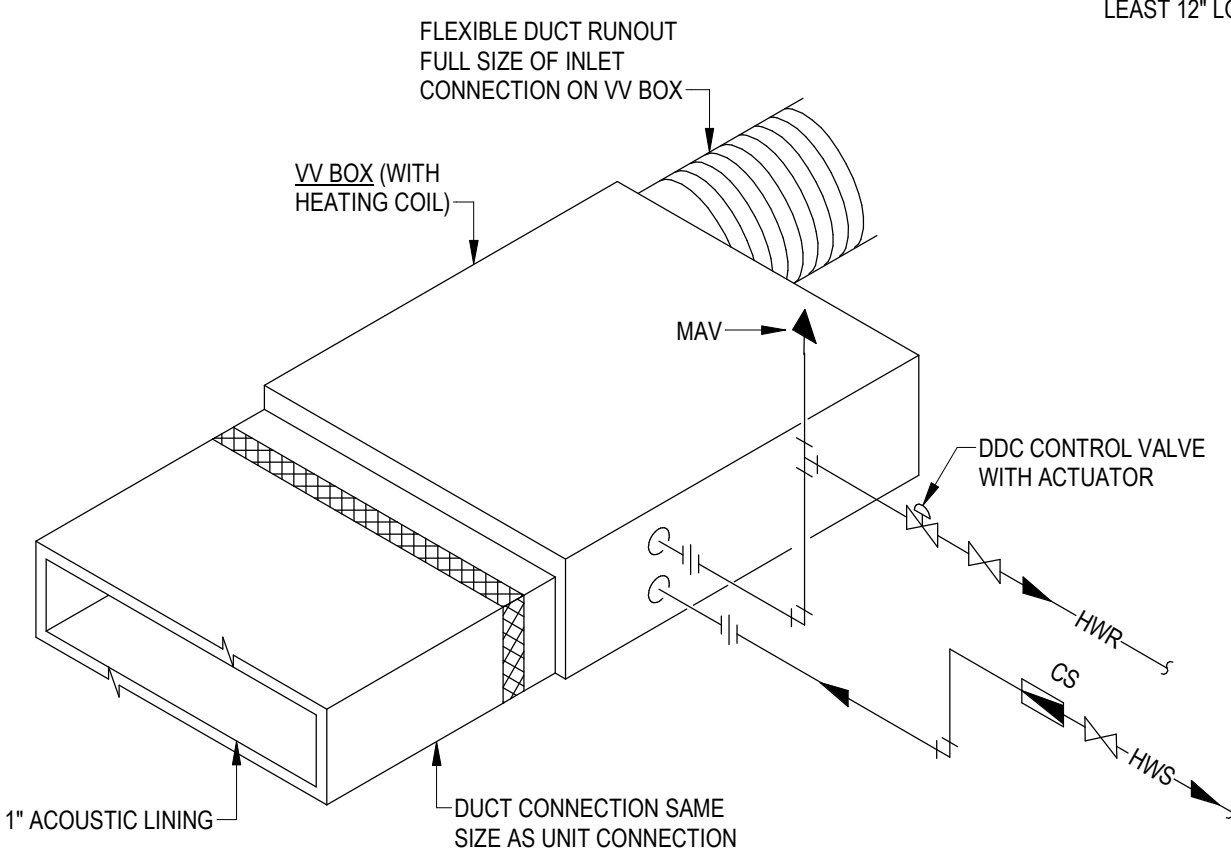


NOTE:
PROVIDE MD ONLY WHERE INDICATED ON DRAWINGS.

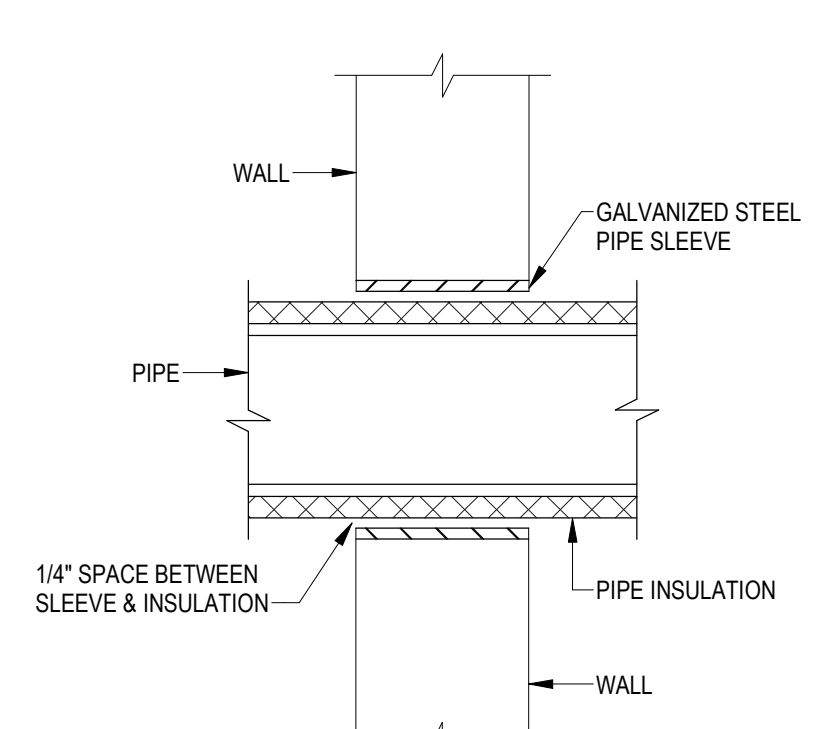
LATERAL BRANCH DUCT DETAIL
SCHEMATIC



SPIN-IN FITTING DETAIL
NO SCALE

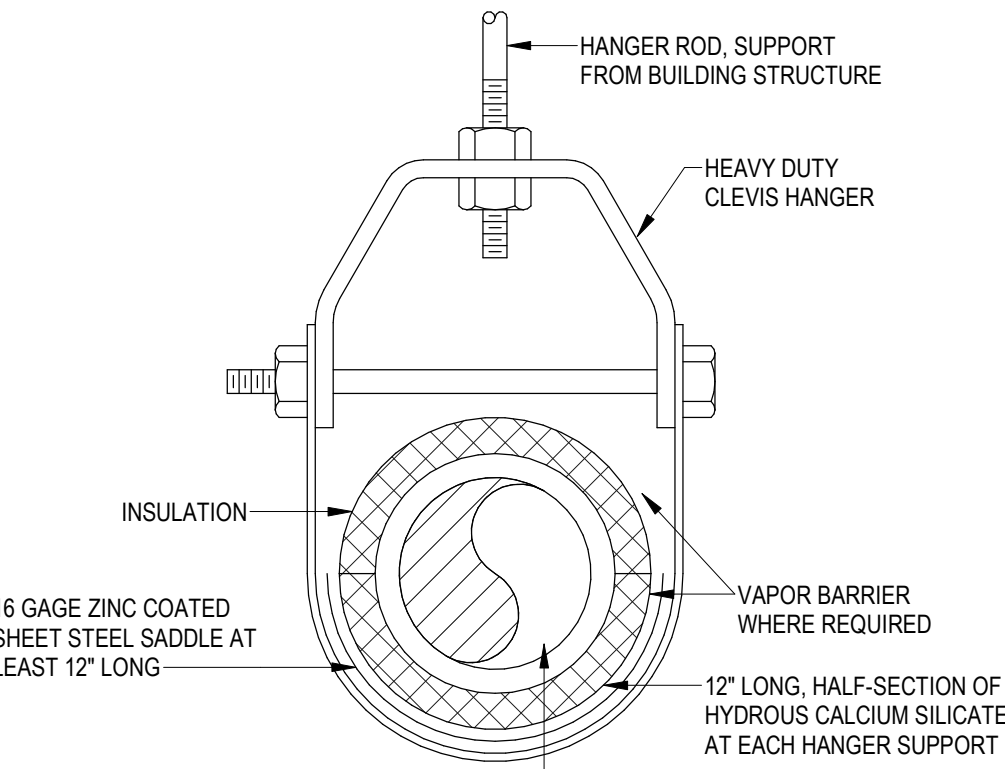


VARIABLE VOLUME SHUT-OFF BOX
CONNECTION DETAIL
SCHEMATIC



NOTE:
WHERE PIPES PENETRATE FIRE-RATED WALLS, FILL SPACE BETWEEN PIPE & SLEEVE WITH A FIRE-RESISTANT MATERIAL WITH SUFFICIENT RATING TO MAINTAIN THE FIRE RATING OF THE WALL. WHERE PIPES PENETRATE EXTERIOR WALLS, FILL SPACE BETWEEN PIPE & SLEEVE WITH FIBERGLASS INSULATION.

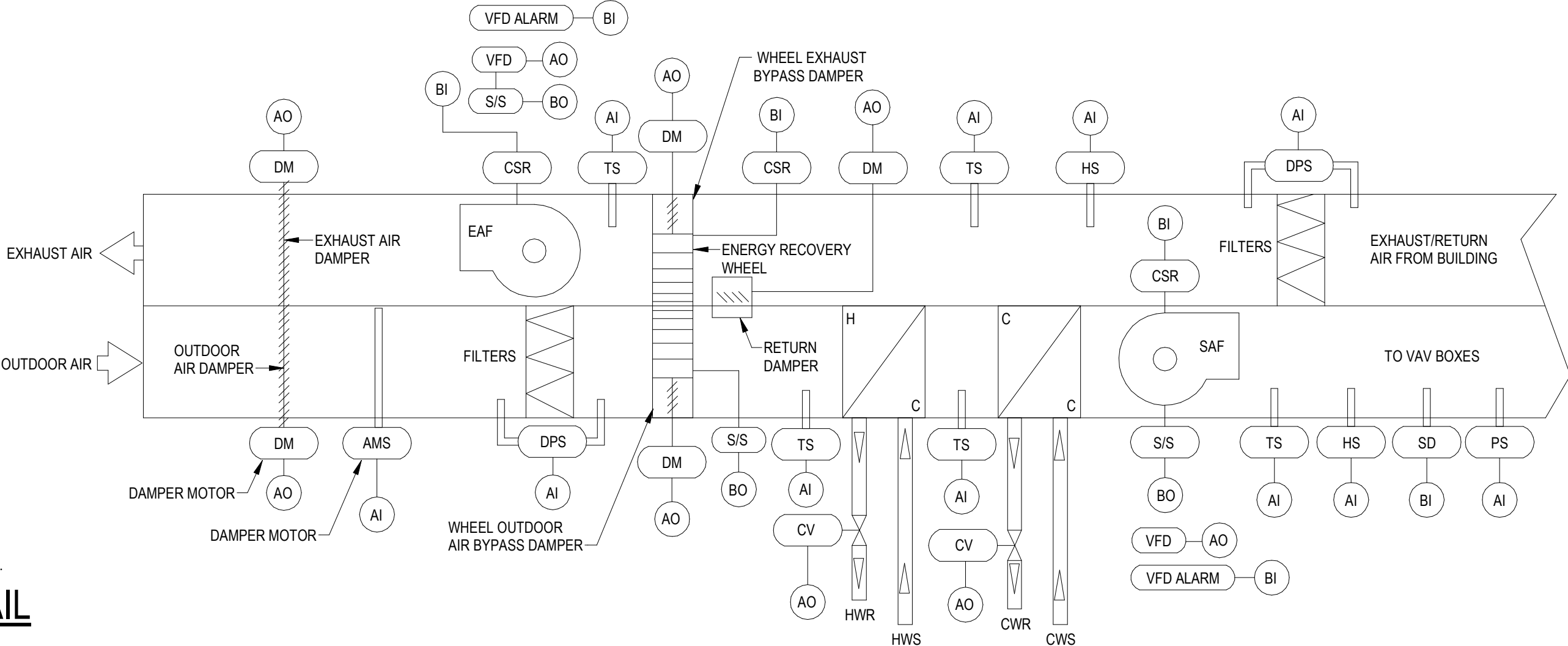
WALL PIPE SLEEVE DETAIL
NO SCALE



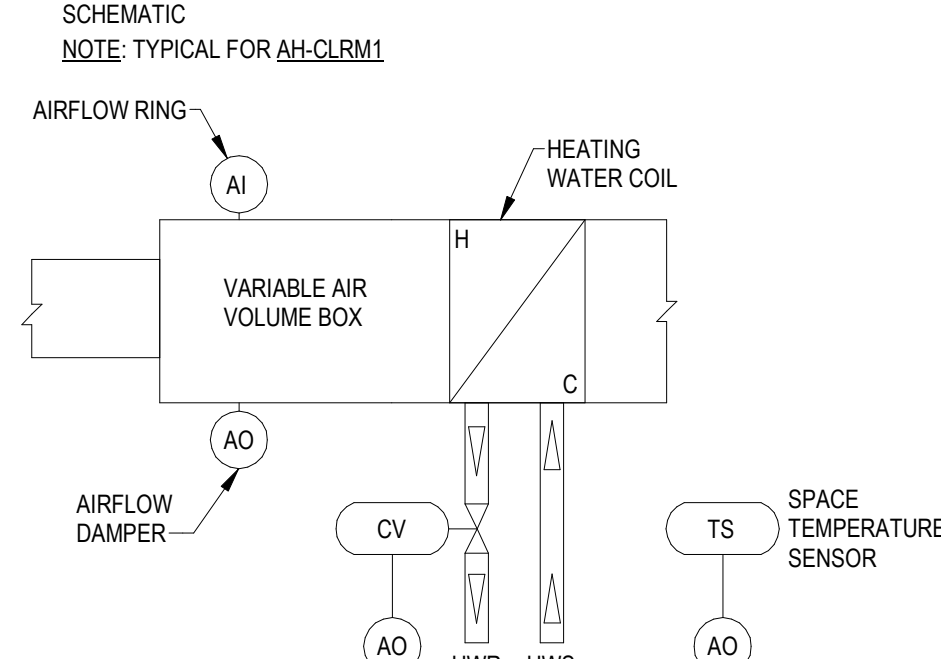
NOTE:
SADDLE AND HALF-SECTION OF HYDROUS CALCIUM SILICATE SHALL BE INSTALLED AT THE SAME TIME THAT THE PIPE AND PIPE HANGERS ARE INSTALLED.

SEE SPECIFICATIONS FOR LOCATIONS WHERE HYDROUS CALCIUM SILICATE SHALL BE REQUIRED.

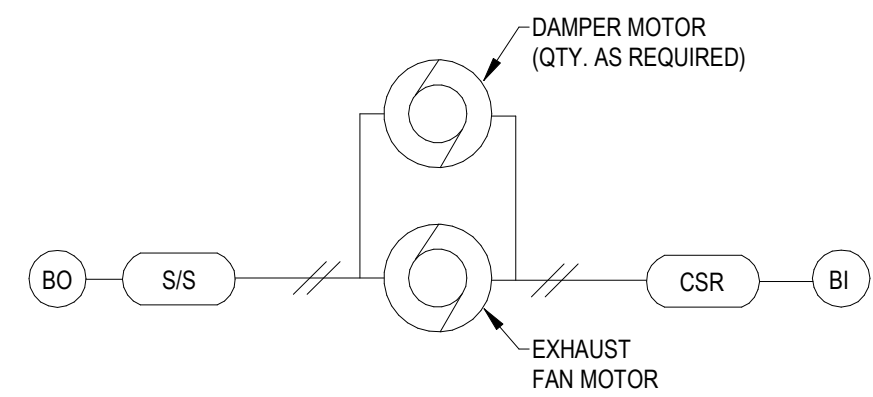
PIPE SUPPORT DETAIL
NO SCALE



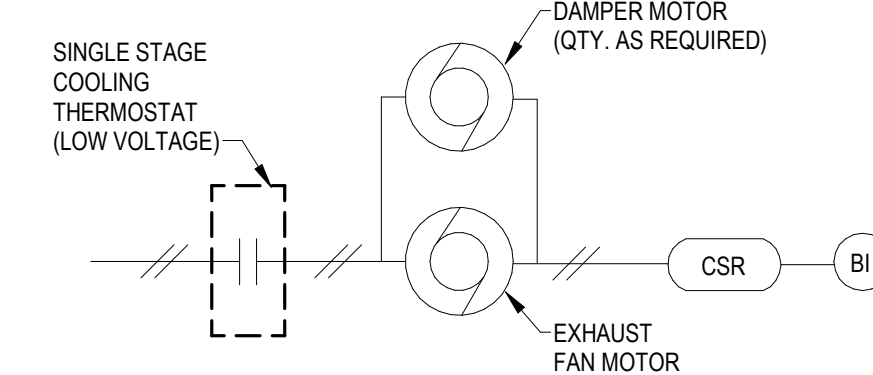
MULTI-ZONE VAV ENERGY RECOVERY AIR HANDLING UNIT CONTROL
SCHEMATIC
NOTE: TYPICAL FOR AH-CLRM1



SHUT-OFF VAV BOX CONTROL
SCHEMATIC
NOTE: TYPICAL FOR ALL



EXHAUST FAN (BAS) CONTROL
SCHEMATIC



EXHAUST FAN (THERMOSTAT) CONTROL
SCHEMATIC

CONTROL LEGEND

CV	CONTROL VALVE ACTUATOR
CSR	CURRENT SENSING RELAY
SAF	SUPPLY AIR FAN
VFD	VARIABLE SPEED DRIVE
TS	TEMPERATURE SENSOR
PS	PRESSURE SENSOR
DPS	DIFFERENTIAL PRESSURE SENSOR
FZ	FREEZE/STAT
DM	DAMPER MOTOR
SD	SMOKE DETECTOR
AO	ANALOG OUTPUT
AI	ANALOG INPUT
BO	BINARY OUTPUT
BI	BINARY INPUT
S/S	START/STOP
HS	HUMIDITY SENSOR
OAD	OUTDOOR AIR DAMPER
OAF	OUTDOOR AIR FAN
EAD	EXHAUST AIR DAMPER
RAD	RETURN AIR DAMPER
ES	DAMPER END SWITCH
EAF	EXHAUST AIR FAN

DATE	07-10-2026	PROJECT	25117-01	DESIGNED	MEH	DRAWN	GNH/MEH	CHECKED	RCH	MARK	DATE	REVISIONS

DATE	07-10-2026	PROJECT	25117-01	DESIGNED	MEH	DRAWN	GNH/MEH	CHECKED	RCH	MARK	DATE	REVISIONS

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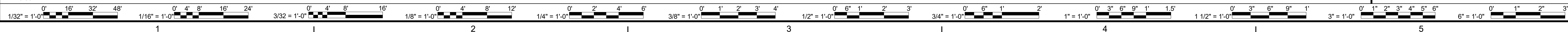
COMMONWEALTH OF VIRGINIA
07/10/2026
RICHARD C. HUGHES
Lic. No. 045688
PROFESSIONAL ENGINEER

PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING HVAC DETAILS & CONTROLS

SHEET
M-301

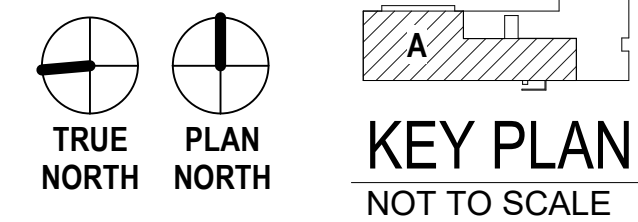
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NUMBER INDICATES SECTION
SHEET NUMBER WHERE SECTION IS TAKEN
SHEET NUMBER WHERE SECTION IS DRAWN
SECTION SYMBOL
NO SCALE



1. UNLESS NOTED OTHERWISE, DEVICES AND FIXTURES SHOWN ON THIS PLAN ARE EXISTING TO BE REMOVED (SHOWN DASHED).

1. DISCONNECT AND RETAIN EXISTING CIRCUIT MD-5 FOR EXTENSION TO NEW FAN F-A3. REFER TO NEW WORK POWER PLAN ON SHEET E-301 FOR DETAILS.
2. EXISTING VAV BOX IS BEING REMOVED AND RELOCATED BY THE MECHANICAL CONTRACTOR. DISCONNECT AND RETAIN THE EXISTING CIRCUIT FOR EXTENSION TO THE RELOCATED VAV BOX. REFER TO NEW WORK POWER PLAN ON SHEET E-301 FOR DETAILS.



L P A

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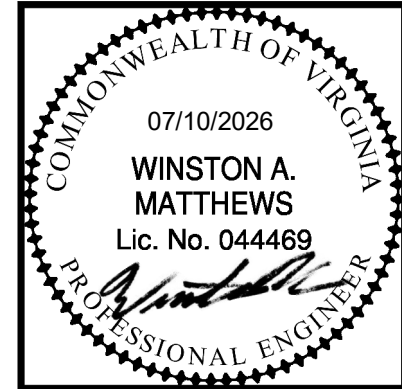
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DATE	07-10-2026
PROJECT	25117-01
DESIGNED	MDW
DRAWN	DMK
CHECKED	WAM



PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LOWER LEVEL DEMO PLAN - ELECTRICAL

SHEET

ED100

Autodesk Docs/25117-01 Albert Harris ES/25123 -AHES PATHS - ELEC - R26.rvt

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ELECTRICAL LEGEND - LOW VOLTAGE		
MTG. HGT.	SYMBOL	DESCRIPTION
1'-8" TO TOP		COMMUNICATION (DATA AND/OR VOICE) OUTLET, WALL.
		COMMUNICATION (DATA AND/OR VOICE) OUTLET, CEILING.
		COMMUNICATION (DATA AND/OR VOICE) OUTLET, SINGLE COMPARTMENT FLUSH FLOOR BOX.
		WIRELESS ACCESS POINT (WAP), CEILING MOUNTED.
4'-0" TO TOP		PUSHBUTTON, WALL.

ELECTRICAL LEGEND - POWER DEVICES		
MTG. HGT.	SYMBOL	DESCRIPTION
1'-8" TO TOP		RECEPTACLE, DUPLEX, WALL. ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "H" = HORIZONTALLY MOUNTED. "C" = LOAD CONTROLLED RECEPTACLE VIA OCCUPANCY SENSOR AND RELAY PANEL. "WP" = WHILE-IN-USE WEATHER-PROOF COVER PLATE.
		RECEPTACLES, TWO DUPLEX (QUAD) IN A TWO COMPARTMENT FLUSH FLOOR BOX. ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "C" = LOAD CONTROLLED RECEPTACLE VIA OCCUPANCY SENSOR AND RELAY PANEL.
1'-8" TO TOP		RECEPTACLE, DUPLEX GFI, WALL. ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "H" = HORIZONTALLY MOUNTED. "WP" = WHILE-IN-USE WEATHER-PROOF COVER PLATE.
1'-8" TO TOP		RECEPTACLES, TWO DUPLEX (QUAD) IN A TWO GANG OUTLET BOX, WALL. ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT. "C" = LOAD CONTROLLED RECEPTACLE VIA OCCUPANCY SENSOR AND RELAY PANEL.
1'-8" TO TOP		RECEPTACLE, SIMPLEX (SINGLE), WALL. ALPHA-NUMERIC OR NUMERIC SUBSCRIPT, WHERE SHOWN, INDICATES CIRCUIT.
1'-8" TO TOP		RECEPTACLE, SPECIAL PURPOSE, WALL. (NEMA 14-50R), UNLESS OTHER NEMA TYPE IS NOTED ON DRAWINGS OR IN SPECIFICATIONS.
1'-8" TO TOP		JUNCTION BOX, WALL.
		JUNCTION BOX, CEILING.
		JUNCTION BOX, SINGLE COMPARTMENT FLUSH FLOOR BOX.

ELECTRICAL LEGEND - SECURITY		
MTG. HGT.	SYMBOL	DESCRIPTION
4'-0" TO TOP		ACCESS CONTROL SYSTEM CARD READER OR KEYPAD, WALL.

ELECTRICAL LEGEND - LIGHTING		
MTG. HGT.	SYMBOL	DESCRIPTION
		LIGHTING FIXTURE TYPE DESIGNATION.
		LIGHTING FIXTURE, LED, CEILING MOUNTED. SYMBOL SIZE VARIES WITH LIGHTING FIXTURE TYPE.
		LIGHTING FIXTURE, LED, CEILING MOUNTED CONNECTED ON EMERGENCY CIRCUIT. (TYPICAL FOR ALL LIGHTING FIXTURES WITH SOLID FILL OR WITH 'E' DESIGNATION)
		LIGHTING FIXTURE, LED, WALL MOUNTED. SYMBOL SIZE VARIES WITH LIGHTING FIXTURE TYPE. WALL MOUNTED AS NOTED IN LIGHT FIXTURE SCHEDULE OR ON DRAWINGS.
		LIGHTING FIXTURE, LED, CEILING MOUNTED.
		LIGHTING FIXTURE, LED, WALL MOUNTED.
		LED EXIT SIGN, CEILING MOUNTED. SHADED QUADRANT(S) INDICATES FACE(S). PROVIDE ARROWS AS INDICATED ON DRAWINGS. LIGHTING FIXTURE TYPES "X1 & X2", UNO.
7'-6" TO BOTTOM, UNO		LED EXIT SIGN, WALL MOUNTED. SHADED QUADRANT(S) INDICATES FACE(S). PROVIDE ARROWS AS INDICATED ON DRAWINGS. LIGHTING FIXTURE TYPES "X3 & X4", UNO.

ELECTRICAL LEGEND - LIGHTING CONTROLS		
MTG. HGT.	SYMBOL	DESCRIPTION
4'-0" TO TOP		GENERAL USE SWITCH, SINGLE POLE. LOWER CASE ALPHABETIC SUBSCRIPT, WHERE SHOWN, INDICATES LOADS CONTROLLED. (TYPICAL FOR ALL SWITCHES). "WP"= WATERPROOF.
4'-0" TO TOP		GENERAL USE SWITCH, THREE WAY.
4'-0" TO TOP		SWITCH, LOW VOLTAGE LIGHTING CONTROL, WALL-BOX MOUNTED. NUMBER INDICATES TYPE AS SCHEDULED ON DRAWINGS OR IN SPECIFICATIONS.
4'-0" TO TOP		0-10V DIMMER, LOW VOLTAGE LIGHTING CONTROL, WALL-BOX MOUNTED. NUMBER INDICATES TYPE AS SCHEDULED ON DRAWINGS OR IN SPECIFICATIONS.
4'-0" TO TOP		SWITCH WITH INTEGRAL VACANCY SENSOR, WALL-BOX MOUNTED. NUMBER INDICATES TYPE AS SCHEDULED ON DRAWINGS OR IN SPECIFICATIONS.
4'-0" TO TOP		COMBINATION 0-10V DIMMER AND OCCUPANCY SENSOR, WALL-BOX MOUNTED. TYPE AS SCHEDULED ON DRAWINGS OR IN SPECIFICATIONS.
		OCCUPANCY SENSOR, CEILING MOUNTED. NUMBER INDICATES TYPE AS SCHEDULED ON DRAWINGS OR IN SPECIFICATIONS.

ELECTRICAL LEGEND - FIRE ALARM		
MTG. HGT.	SYMBOL	DESCRIPTION
		SMOKE DETECTOR, CEILING. "ERC" = ELEVATOR RECALL. "DR" = DOOR RELEASE.
AS NOTED OR DETAILED		SMOKE DETECTOR, WALL.
		SMOKE DETECTOR, DUCT TYPE. COORDINATE EXACT LOCATION WITH MECHANICAL DRAWINGS.
		HEAT DETECTOR, CEILING.
AS NOTED OR DETAILED		HEAT DETECTOR, WALL.
4'-0" TO TOP		HANDICAPPED DOOR OPERATOR PADDLE SWITCH, WALL OR BOLLARD MOUNTED.
4'-0" TO TOP		FIRE ALARM MANUAL PULL STATION, WALL.
8'-0" TO TOP		FIRE ALARM HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS) WITH INTEGRAL VISUAL DEVICE, WALL. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
8'-0" TO TOP		FIRE ALARM VISUAL DEVICE, WALL. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
8'-0" TO TOP		FIRE ALARM VISUAL DEVICE, CEILING. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
8'-0" TO TOP		FIRE ALARM VISUAL DEVICE, CEILING. NUMBER INDICATES VISUAL DEVICE MINIMUM CANDELA RATING.
8'-0" TO TOP		FIRE ALARM HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS), CEILING.
8'-0" TO TOP		FIRE ALARM HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS), WALL.
		SPRINKLER SYSTEM WATER FLOW DETECTOR SWITCH.
		SPRINKLER SYSTEM DRY PIPE AIR PRESSURE SWITCH.
		SPRINKLER SYSTEM VALVE SUPERVISORY (TAMPER) SWITCH.
6'-0" TO TOP		MAIN FIRE ALARM CONTROL PANEL, WALL.
5'-0" TO TOP		FIRE ALARM ANNUNCIATOR PANEL, WALL.

ELECTRICAL LEGEND - RACEWAYS		
MTG. HGT.	SYMBOL	DESCRIPTION
		CONDUIT EXPOSED.
		CONDUIT CONCEALED IN WALL OR ABOVE CEILING.
		EXISTING CONDUIT TO BE REMOVED.
		CONDUIT TURNED UP.
		CONDUIT TURNED DOWN.
		CONDUIT SLEEVES, THROUGH WALL. MOUNT 4" ABOVE HIGHEST ACCESSIBLE CEILING ON EITHER SIDE OF WALL OR MINIMUM 8'-6" AFF WHERE EXPOSED, UNO. FIRST NUMBER INDICATES QUANTITY OF CONDUITS AND SECOND NUMBER INDICATES DIAMETER OF CONDUITS IN INCHES. BUSH CONDUITS AT EACH END.

ELECTRICAL LEGEND - POWER EQUIPMENT		
MTG. HGT.	SYMBOL	DESCRIPTION
		FLEXIBLE CONNECTION TO EQUIPMENT.
		GROUND CONNECTION.
1'-0" TO BOTTOM		GROUND BAR. MOUNT WITH LONG DIMENSION HORIZONTAL.
		GROUND ROD.
		ELECTRIC MOTOR CONNECTION
6'-0" TO TOP		208/120 VOLT SURFACE OR FLUSH MOUNTED PANELBOARD.
6'-0" TO TOP		480/277 VOLT SURFACE OR FLUSH MOUNTED PANELBOARD.
5'-0" TO TOP		NON-FUSIBLE SAFETY SWITCH, WALL OR EQUIPMENT MOUNTED. NUMBER INDICATES SAFETY SWITCH 3-POLE/60 AMP RATING.
5'-0" TO TOP		FUSIBLE SAFETY SWITCH, WALL OR EQUIPMENT MOUNTED. NUMBER INDICATES SAFETY SWITCH 3-POLE/60 AMP RATINGS/45 AMP FUSES.
5'-0" TO TOP		TOGGLE SWITCH, HORSEPOWER RATED, WALL OR EQUIPMENT MOUNTED. SINGLE POLE UNLESS SHOWN WITH NUMBER INDICATING NUMBER OF POLES GREATER THAN ONE. "F" DENOTES FLUSH MOUNTED.

ELECTRICAL LEGEND - GENERAL		
MTG. HGT.	SYMBOL	DESCRIPTION
		ASTERISK DENOTES BOTTOM OF OUTLET BOX MOUNTED 8 IN. ABOVE TOP OF COUNTER. DISTANCE INCLUDES HEIGHT OF BACKSPASH.
		NEW CONNECTED TO EXISTING AT THIS POINT.
		EXISTING REMOVED FROM THIS POINT.
		PLAN NOTE DESIGNATION.
		REVISION DESIGNATION.
	NLA1A-3	CIRCUIT DESIGNATION. DESIGNATION SHOWN INDICATES PANEL NLA1A AND CIRCUIT NUMBER 3.
NOTES (ELECTRICAL LEGEND):		
1. THESE ARE STANDARD ELECTRICAL SYMBOLS AND MAY NOT ALL APPEAR ON THE PROJECT DRAWINGS. HOWEVER, WHEREVER AN ELECTRICAL SYMBOL APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE FURNISHED AND INSTALLED.		
2. MOUNTING HEIGHTS NOTE IN THIS SCHEDULE ARE FROM FINISHED FLOOR TO TOP OF OUTLET OR EQUIPMENT, UNO, WHERE THE MOUNTING HEIGHT INDICATED ON THE DRAWINGS IS DIFFERENT FROM THE LEGEND. THE DRAWING TAKES PRECEDENT. SEE DRAWINGS FOR MOUNTING HEIGHTS NOT INDICATED IN THE LEGEND. MOUNTING HEIGHT NOTED ON THE DRAWINGS ARE FROM FINISHED FLOOR TO TOP OF DEVICE.		
3. SEE ELECTRICAL ABBREVIATIONS FOR ALPHABETIC SUBSCRIPT WITH SYMBOL, UNO.		
4. REFER TO DETAILS ON DRAWINGS FOR ADDITIONAL INFORMATION.		

ELECTRICAL ABBREVIATIONS			
A OR AMP	AMPERE	IG	ISOLATED GROUND
ABD	ABANDONED	IMC	INTERMEDIATE METAL CONDUIT
ABV	ABOVE	INC	INCANDESCENT
AC	ALTERNATING CURRENT	INIT	INITIAL
ACB	ABOVE COUNTER BACKSPASH	JB	JUNCTION BOX
AF OR AFI	ARC FAULT INTERRUPTER	KCMIL	THOUSAND CIRCULAR MILS
AFD	ADJUSTABLE FREQUENCY DRIVE	KO	KNOCKOUT
AFF	ABOVE FINISHED FLOOR	KV	KILOVOLT
AIC	AMPERES INTERRUPTING CAPACITY	KVA	KILOVOLT-AMPERE
AIP	ABANDONED IN PLACE	KVAR	KILOVOLT-AMPERE REACTIVE
AL	ALUMINUM	KW	KILOWATT
AM	AMMETER	KWH	KILOWATT-HOUR
AMPL	AMPLIFIER	LA	LIGHTNING ARRESTER
ASYM	ASYMMETRICAL	LED	LIGHT EMITTING DIODE
ATS	AUTOMATIC TRANSFER SWITCH	LPS	LOW PRESSURE SODIUM
AWG	AMERICAN WIRE GAGE	LRP	LIGHT RELAY PANEL
BAS	BUILDING AUTOMATION SYSTEM	LGTS	LIGHTS
BEL	BELOW	LUM	LUMENS OR LUMINAIRE
BD	BUS DUCT	MAG	MAGNETIC
BOT	BOTTOM	MANJ	MANUAL
BKRR	BREAKER	MATV	MASTER ANTENNA TELEVISION
C	COUNTERTOP	MCA	MINIMUM CIRCUIT AMPACITY
CA	CABLE	MCB	MAIN CIRCUIT BREAKER
CAB	CABINET	MCC	MOTOR CONTROL CENTER
CATV	CABLE TV	MCM	THOUSAND CIRCULAR MILS
CB	CIRCUIT BREAKER	MDF	MAIN DISTRIBUTION FRAME
CCTV	CLOSED CIRCUIT TELEVISION	M/G	MOTOR/GENERATOR
CF	COMPACT FLUORESCENT	MH	METAL HALIDE OR MOUNTING HEIGHT
CHT	CIRCUIT	MIN	MINIMUM
CLG	CEILING	MLO	MAIN LUGS ONLY
CND	CONDUIT	MMS	MANUAL MOTOR STARTER
CNTR	CENTER	MNS	MASS NOTIFICATION SYSTEM
COMB	COMBINATION	MOCP	MAXIMUM OVER CURRENT PROTECTION
COND	CONDUCTOR	MOD	MOTOR OPERATED DAMPER
CONN	CONNECTION	MOT	MOTOR
CONT	CONTACTOR	MS	MAGNETIC STARTER
CR	CORROSION RESISTANT	MTD	MOUNTED
CT	CURRENT TRANSFORMER	MTG	MOUNTING
CTRL	CONTROL	MTR	METER
CU	COPPER	MV	MERCURY VAPOR
CW	COLD WATER	N OR NORM	NORMAL
DB	DOOR BELL	NEC	NATIONAL ELECTRICAL CODE
DC	DIRECT CURRENT	NEUT	NEUTRAL
DIM	DIMENSION	NFSS	NON-FUSIBLE SAFETY SWITCH
DISC	DISCONNECT	NL	NIGHT LIGHT
DIV.	DIVISION	NO	NUMBER
DR	DOOR RELEASE SERVICE	OH	OVERHEAD
DS	DOOR SWITCH OR DISPLAY SCREEN	P	POLE
DWG	DRAWINGS	PB	PULL BOX OR PUSHBUTTON
E OR EMER	EMERGENCY	PBS	PUSHBUTTON STATION
EC	EMPTY CONDUIT	PH	PHASE
ECNC	EXIST CND AND NEW CONDS	PNL	PANEL OR PANELBOARD
EGC	EQUIPMENT GROUNDING EQUIPMENT	PNLBRD	PANELBOARD
EL	EXIST RELOCATED TO THIS LOCATION	PRI	PRIMARY
ELEC	ELECTRIC OR ELECTRICAL	PT	POTENTIAL TRANSFORMER
ELEV	ELEVATOR	PVC	POLYVINYL CHLORIDE
EM	EXIST REMOVED	PWR	POWER
ENCL	ENCLOSURE	QTY	QUANTITY
ENG	ENGINE	RB	RELAY BASE
EP	EXPLOSION PROOF	REC	RECEPTACLE
EQUIP	EQUIPMENT	REFRIG	REFRIGERATOR
ER	EXIST TO REMAIN	RGS	RIGID GALVANIZED STEEL CONDUIT
ESC	ELEVATOR RECALL	S/O	SPACE ONLY
EWC	ELECTRIC WATER COOLER	SB	SOUNDER BASE
EXIST	EXISTING	SCCR	SHORT CIRCUIT CURRENT RATING
EXT	EXTERIOR	SMP	MOTOR OPERATED SMOKE DAMPER
FA	FIRE ALARM	SEC	SECONDARY
FACP	FIRE ALARM CONTROL PANEL	SL	SINGLE STATION
FACU	FIRE ALARM CONTROL UNIT	SMR	SURFACE METAL RACEWAY
FDR	FEEDER	SN	SOLID NEUTRAL
FC	FOOTCANDLE	SP	SPECIAL PURPOSE
FLUOR	FLUORESCENT	SPD	SURGE PROTECTIVE DEVICE
FSD	FIRE/SMOKE DAMPER	SPKR	SPEAKER
FSD/SD	FIRE/SMOKE DAMPER WITH INTEGRAL DUCT SMOKE DETECTOR	SR	SURFACE RACEWAY
	FUSIBLE SAFETY SWITCH	SS	SURGE SUPPRESSOR
FSS	FIXTURE	STR	STARTER
FXTR	RECEPTACLE GUARD	SW	SWITCH
G	GARAGE DOOR	SWBD	SWITCHBOARD
GD	GENERATOR	SWGR	SWITCHGEAR
GEN	GROUND FAULT INTERRUPTER	SYM	SYMMETRICAL
GF OR GFI	GROUND FAULT PROTECTION/PROTECTED	T	TAMPER RESISTANT
GFP	GROUND	TC	TIME CLOCK
GND	GEN TRANSFER DEVICE	TEL	TELEPHONE
GTD	HORIZONTAL	TR	TAMPER RESISTANT
H	HOSPITAL GRADE	TV	TELEVISION
HGT	HEIGHT	TYP	TYPICAL
HID	HIGH INTENSITY DISCHARGE	U	USB CHARGER
HOA	HAND-OFF-AUTOMATIC	UC	UNDERCOUNTER
HP	HORSEPOWER OR HEAT PUMP	UF	UNDERFLOOR
HPF	HIGH POWER FACTOR	UG	UNDERGROUND
HPS	HIGH PRESSURE SODIUM	UL	UNDERWRITERS' LABORATORIES
HTR	HEATER	UNO	UNLESS NOTED OTHERWISE
HW	HOT WATER	V	VOLT
HZ	HERTZ	VA	VOLT-AMPERE
IC	INTERCOM OR INTERRUPTING CAPACITY	VAR	VOLT-AMPERE REACTIVE
IDF	INTERMEDIATE DISTRIBUTION FRAME	VERT	VERTICAL
		VM	VOLTMETER
		W	WATT OR WIRE
		WG	WIRE GUARD
		WP	WEATHERPROOF
		XFMR	TRANSFORMER
NOTE (ELECTRICAL ABBREVIATIONS):			
1. ALL ABBREVIATIONS LISTED MAY NOT APPLY TO THIS PROJECT. REFER TO OTHER ABBREVIATION LISTS ELSEWHERE IN THESE DOCUMENTS FOR ABBREVIATIONS NOT LISTED HERE.			

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COMMONWEALTH OF VIRGINIA

07/10/2026

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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS

PATHS CLINIC AT ALBERT HARRIS ELEMENTARY

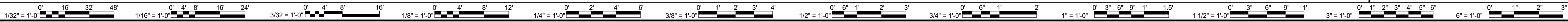
710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING ELECTRICAL LEGEND AND ABBREVIATIONS

SHEET

E-001

DATE	PROJECT	DESIGNED	DRAWN	CHECKED	DES	BY	REVISIONS
07-10-2026	25117-01	MDW	DMK	WAM			



GENERAL NOTES:

- ALL VFD'S WILL BE FURNISHED BY THE MECHANICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL MOUNT THE VFD'S (UNLESS THEY ARE INTEGRAL TO THE EQUIPMENT SERVED), CONNECT THE LINE SIDE POWER WIRING AND THE LOAD SIDE POWER WIRING FROM THE VFD'S TO THE EQUIPMENT. ALL CONTROL AND INTERLOCK WIRING FOR THE VFD'S WILL BE BY THE CONTROL SYSTEM CONTRACTOR.
- LOAD SIDE CONDUCTOR AND CONDUIT SIZES FROM DISCONNECT SWITCHES, STARTERS AND VFD'S TO EQUIPMENT SHALL BE THE SAME AS LINE SIDE CONDUCTORS AND CONDUIT.
- CAREFULLY COORDINATE ALL ELECTRICAL EQUIPMENT LOCATIONS WITH DUCTWORK, PIPING AND MECHANICAL EQUIPMENT. MAINTAIN ALL CLEARANCES AND SPACES REQUIRED BY THE NEC.
- WHERE MULTIPLE CIRCUITS ARE COMBINED IN A SINGLE CONDUIT, DERATE CONDUCTORS PER THE NEC.
- SEE SPECIFICATION SECTION 26 0519 FOR REQUIREMENTS REGARDING OVERSIZING CONDUCTORS FOR 1-POLE 15- AND 20-AMP CIRCUITS TO REDUCE VOLTAGE DROP - THESE OVERSIZING REQUIREMENTS TAKE PRECEDENCE OVER THE WIRE AND CONDUIT SIZES SHOWN IN THE PANEL SCHEDULES. OVERSIZED CONDUCTORS FOR VOLTAGE DROP ON OTHER CIRCUITS ARE INDICATED IN THE PANEL SCHEDULES.
- UNLESS INDICATED OTHERWISE, ALL EXIT SIGNS AND THE VOLTAGE SENSING TERMINALS OF ALL EMERGENCY BATTERY PACKS SHALL BE CONNECTED AHEAD OF ALL SWITCHES, RELAYS, SENSORS AND POWER PACKS WITH 2 #12 AND 1 #12 GROUND IN 3/4" CONDUIT.
- ALL EMERGENCY LIGHTING FIXTURES SHALL BE MARKED SO AS TO BE IDENTIFIED BY VISUAL INSPECTION FOR TESTING PURPOSES. IDENTIFICATION SHALL BE BY ONE 1/2" RED SELF-STICK DOT ON THE VERTICAL PORTION OF LOUVER OR ON THE TOP OF THE LENS.
- EXACT LOCATION AND ORIENTATION OF OCCUPANCY SENSORS SHALL BE AS RECOMMENDED BY MANUFACTURER TO OBTAIN COMPLETE COVERAGE. ALL OCCUPANCY SENSOR TIME DELAYS SHALL BE SET TO NO MORE THAN 20 MINUTES.
- UNLESS INDICATED OTHERWISE, SWITCHES AND OCCUPANCY SENSORS IN A ROOM/SPACE SHALL CONTROL ALL LIGHTING FIXTURES IN THAT ROOM/SPACE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL PANELBOARD AND SWITCHBOARD FEEDER ENTRANCE LOCATIONS (TOP, BOTTOM, SIDE).
- DUCT SMOKE DETECTORS FOR AIR HANDLING EQUIPMENT SHALL BE INSTALLED IN THE DUCT(S) BEFORE ANY BRANCH TAKE-OFFS. CONTROL WIRING FROM SMOKE DETECTOR CONTROL RELAY WILL BE PROVIDED BY CONTROL SYSTEM CONTRACTOR. WHERE DUCTWORK CONFIGURATION IS SUCH THAT ONE DETECTOR WILL NOT PROPERLY SAMPLE THE AIR, ADDITIONAL DETECTORS SHALL BE PROVIDED. FIRE ALARM SYSTEM SUPPLIER SHALL MAKE THIS DETERMINATION BEFORE SUBMITTING HIS BID.
- PROVIDE ALL ADDITIONAL 120-VOLT POWER NEEDED FOR THE FIRE ALARM SYSTEM. PROVIDE CIRCUIT BREAKER LOCKS AND CLEARLY INDICATE IN THE DIRECTORY THAT THEY ARE FIRE ALARM CIRCUITS. PROVIDE RED BREAKER, RED BREAKER LOCK OR RED DOT ON DEAD FRONT COVER BESIDE BREAKER. ADDITIONAL POWER SUPPLY QUANTITIES SHALL BE DETERMINED BY THE FIRE ALARM SUPPLIER AND INCLUDED IN BID. ALL ADDITIONAL POWER SUPPLIES SHALL BE LOCATED IN UTILITY-TYPE SPACES (MECH/ELEC/COMM ROOMS, HOUSEKEEPING CLOSETS, TRASH ROOMS, ETC.).
- CAREFULLY COORDINATE LOCATIONS OF ALL LIGHTING FIXTURES, OCCUPANCY SENSORS, CEILING SPEAKERS, SMOKE AND HEAT DETECTORS, FIRE ALARM NOTIFICATION APPLIANCES AND OTHER ELECTRICAL CEILING DEVICES WITH SPRINKLER HEADS AND HVAC CEILING DEVICES. COORDINATE SURFACE MOUNTED LIGHTING FIXTURES ON LOW CEILINGS SUCH THAT FIXTURES WILL NOT INTERFERE WITH DOOR SWINGS.
- WHERE NEW DEVICES (RECEPTACLES, SWITCHES, TELECOMMUNICATIONS OR FIRE ALARM) ARE SHOWN ON EXISTING WALLS AND CEILINGS AND THERE ARE NO EXISTING CONCEALED OUTLET BOXES OR CONDUITS TO REUSE, USE SURFACE RACEWAY (SINGLE-CHANNEL EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE), EXCEPT EXPOSED CONDUIT AND BOXES MAY BE USED IN UNFINISHED AREAS (MECHANICAL/ELECTRICAL ROOMS, STORAGE AND HOUSEKEEPING CLOSETS, ETC.). ALL USE OF SURFACE RACEWAY SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- WHERE RE-USE OF EXISTING CONDUIT, WIRING AND/OR OUTLET BOXES IS INDICATED, ALSO PROVIDE NEW MATERIALS IF NECESSARY. IF NEW EXPOSED MATERIALS ARE NEEDED, USE SURFACE RACEWAY (SINGLE-CHANNEL EXCEPT WHERE SPECIFICALLY INDICATED OTHERWISE), EXCEPT EXPOSED CONDUIT AND BOXES MAY BE USED IN UNFINISHED AREAS (MECHANICAL/ELECTRICAL ROOMS, STORAGE AND HOUSEKEEPING CLOSETS, ETC.). ALL USE OF SURFACE RACEWAY SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
- WHERE OUTLETS ARE SHOWN ABOVE A COUNTER OR SIMILAR SURFACE WITH A SPECIFIC MOUNTING HEIGHT, COORDINATE MOUNTING HEIGHT WITH BOTH THE SURFACE BELOW AND WITH ANY WALL MOUNTED ARCHITECTURAL ITEMS ABOVE (TACKBOARDS, ETC.) BEFORE ROUGH-IN.
- FOR WALL DEVICES MOUNTED ABOVE ARCHITECTURAL ITEMS (SUCH AS FIRE ALARM STROBES OR CLOCKS MOUNTED ABOVE MARKERBOARDS, TACKBOARDS OR SMARTBOARDS), COORDINATE MOUNTING HEIGHTS OF WALL DEVICES SUCH THAT THEY DO NOT INTERFERE WITH ARCHITECTURAL ITEMS.
- FOR ALL EXISTING OUTLET BOXES THAT ARE NOT BEING REUSED, PROVIDE BLANK COVER PLATE TO MATCH NEW WALL PLATES IN THAT AREA.
- SEE ARCHITECTURAL DRAWINGS FOR RATED WALL, FLOOR AND CEILING CONSTRUCTION, AND PROVIDE NECESSARY RATED DEVICES AND FIRE SEALANT FOR PENETRATIONS. WHERE NEW DEVICES ARE SHOWN RECESSED IN RATED PARTITIONS, CAREFULLY COORDINATE LOCATIONS AND OFFSETS.
- PROVIDE ALL ADDITIONAL 120-VOLT POWER NEEDED BY THE BAS. COORDINATE WITH THE CONTROLS SPECIFICATIONS AND CONTRACTOR.
- "HOMERUN" CONDUITS SHALL BE RUN DOWN CORRIDORS FROM THE RESPECTIVE ELECTRICAL ROOM (NOT THROUGH OFFICES OR OTHER SIMILAR SPACES).
- MODIFY EXISTING PANEL SCHEDULES TO ACCURATELY REFLECT ALL CHANGES MADE AS PART OF THIS CONTRACT. ALL NEW BREAKERS IN EXISTING PANELS SHALL MATCH EXISTING AIC. PROVIDE NEW "TYPED" AS-BUILT PANEL SCHEDULES, HANDWRITTEN PANEL SCHEDULES WILL NOT BE ACCEPTED.
- FOR ALL EXTERIOR UNDERGROUND CONDUIT AND WIRING, CAREFULLY COORDINATE ALL WORK WITH EXISTING SOIL CONDITIONS AND WITH EXISTING UTILITIES IN ORDER TO AVOID CONFLICTS. NOTIFY ENGINEER IF ROUTING MUST BE DIFFERENT FROM WHAT IS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID IN ORDER TO VERIFY ALL EXISTING CONDITIONS, TO DETERMINE THE FULL EXTENT OF DEMOLITION WORK REQUIRED, AND TO DETERMINE THE FULL EXTENT OF RELOCATION AND MODIFICATION WORK REQUIRED FOR ELECTRICAL WORK (DUE TO OTHER DISCIPLINES INTERFERING OR ANY OTHER REASON). EXISTING SPACE IS TIGHT IN MANY AREAS (PARTICULARLY ABOVE CEILINGS), AND THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO COORDINATE ALL ELECTRICAL WORK WITH BOTH NEW AND EXISTING PIPING, DUCTWORK, CONDUIT, ETC. NO CHANGE ORDERS WILL BE APPROVED FOR ADDITIONAL WORK DUE TO THE CONTRACTOR NEGLECTING TO VISIT THE SITE AND GATHER ALL NECESSARY INFORMATION.
- THE CONTRACTOR SHALL PROVIDE COVERPLATES ON ALL EXISTING JUNCTION BOXES ABOVE THE ACCESSIBLE CEILING SPACES AND ANY WALL MOUNTED BOXES IN THE AREA OF RENOVATIONS WHERE EXISTING COVERPLATES ARE MISSING. THE CONTRACTOR SHALL ALSO PROVIDE ADDITIONAL SUPPORTS FOR EXISTING CONDUIT AND JUNCTION BOXES IN THE AREA OF RENOVATIONS THAT CURRENTLY DO NOT MEET CODE REQUIREMENTS.
- WHERE EXISTING CIRCUITS ARE SPECIFIED TO BE REUSED FOR THE AREA OF RENOVATIONS AND THE CONTRACTOR DISCOVERS IN THE FIELD THAT THE CIRCUITS DO NOT MEET CODE, OR THEY HAVE SHARED NEUTRALS, OR THEY ARE MISSING A GROUND CONDUCTOR THE CONTRACTOR SHALL PROVIDE NEW CONDUIT AND WIRING FROM THE PANEL TO THE EXISTING AND NEW ELECTRICAL EQUIPMENT. ALL NEW CIRCUITS SHALL MEET SPECIFICATIONS FOR VOLTAGE DROP FOR SINGLE-PHASE WIRING.
- WHERE EXISTING CEILING MOUNTED LIGHT FIXTURES IN THE RENOVATION AREA ARE TO REMAIN OR BE REMOVED AND REINSTALLED IN AN ACCESSIBLE CEILING GRID AND THEY ARE NOT PROVIDED WITH SEPARATE STRUCTURAL SUPPORT FROM THE BUILDING STRUCTURAL FRAMING MEMBERS ABOVE, THE CONTRACTOR SHALL PROVIDE LIGHT FIXTURE SUPPORTS FOR THESE EXISTING LIGHT FIXTURES THAT MEET THE SPECIFICATIONS.
- WHERE MODIFICATIONS TO EXISTING AND/OR NEW HVAC EQUIPMENT, HVAC DUCTWORK, HVAC PIPING, PLUMBING EQUIPMENT, PLUMBING PIPING, SPRINKLER EQUIPMENT, SPRINKLER PIPING, ARCHITECTURAL CEILINGS, ARCHITECTURAL WALLS, ARCHITECTURAL FLOORS, ARCHITECTURAL FURNITURE, ARCHITECTURAL EQUIPMENT (ELEVATORS, ESCALATORS, DOORS, WINDOWS, MOVABLE PARTITIONS, ETC.), STRUCTURAL ELEMENTS (TIES, STRUTS, BEAMS, COLUMNS, ETC.) ARE PROVIDED IN AN EXISTING BUILDING RENOVATION AND ANY OF THESE ELEMENTS CREATE CONFLICTS WITH EXISTING ELECTRICAL INSTALLATIONS THAT ARE TO REMAIN, THE CONTRACTOR SHALL PROVIDE ALL MODIFICATIONS TO THE EXISTING ELECTRICAL INSTALLATIONS NECESSARY TO ACCOMMODATE THE MODIFIED AND/OR NEW ELEMENTS. MODIFICATIONS TO EXISTING ELECTRICAL INSTALLATIONS SHALL INCLUDE, BUT IS NOT LIMITED TO, RELOCATING EXISTING ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, DISCONNECT SWITCHES, MOTOR STARTERS, VFD'S, RELAY PANELS, ETC.), LIGHT FIXTURES, ELECTRICAL DEVICES (LIGHTING CONTROLS, RECEPTACLES, FIRE ALARM DEVICES, TELECOM OUTLETS, JUNCTION BOXES, ETC.), AND REROUTING EXISTING FEEDERS AND/OR BRANCH CIRCUITS (CONDUIT, JUNCTION BOXES, AND WIRING). PROVIDE NEW MATERIALS WHERE REQUIRED TO RELOCATE EXISTING ELECTRICAL EQUIPMENT, LIGHT FIXTURES AND ELECTRICAL DEVICES TO NEW LOCATIONS. PROVIDE NEW MATERIAL WHERE REQUIRED TO REROUTE EXISTING FEEDERS AND/OR BRANCH CIRCUITS. THIS INCLUDES, BUT IS NOT LIMITED TO, PROVIDING NEW JUNCTION BOXES, CONDUIT, WIRING, AND OTHER REQUIRED MATERIALS NECESSARY TO EXTEND EXISTING FEEDERS AND/OR BRANCH CIRCUITS TO THE NEW EQUIPMENT LOCATIONS OR WORK AROUND NEW ELEMENTS.

GENERAL DEMOLITION NOTES:

- SCOPE: THE SCOPE OF ELECTRICAL DEMOLITION IS DEFINED IN THE FOLLOWING NOTES AND IN LIMITED FASHION ON THE DRAWINGS. THE DRAWINGS ARE ONLY INTENDED TO BE A PARTIAL REPRESENTATION OF THE ACTUAL DEMOLITION WORK REQUIRED. THESE NOTES ONLY APPLY TO THE AREAS OF RENOVATION. IN GENERAL, THE DEMOLITION SCOPE IS THE REMOVAL OF ALL EXISTING ELECTRICAL SYSTEMS IN THE AREAS OF RENOVATION, EXCEPT AS NOTED OTHERWISE IN THESE NOTES AND ON THE DRAWINGS.
- ELECTRICAL SERVICE: THE EXISTING ELECTRICAL SERVICE SHALL BE REUSED. SOME DOWNTIME WILL LIKELY STILL BE REQUIRED. ALL ELECTRICAL SERVICE DOWNTIME REQUIRED SHALL BE COORDINATED WITH OWNER AND SHALL BE AT THE OWNER'S CONVENIENCE. DOWNTIME SHALL BE KEPT TO THE MINIMUM. ANY EXTENDED DOWNTIME REQUIRED SHALL BE COORDINATED WITH OWNER AND SHALL BE OUTSIDE OF NORMAL HOURS.
- DEVICES (RECEPTACLES, LIGHTING CONTROLS, ETC.):
 - WHERE DEVICES ARE NOTED TO BE DEMOLISHED:
 - FLUSH MOUNTED DEVICES TO BE REMOVED (NOT REPLACED IN PLACE) OCCUR IN EXISTING WALLS TO REMAIN: REMOVE DEVICE; REMOVE COVER PLATE; REMOVE WIRES BACK TO UP STREAM DEVICE, HOMERUN JUNCTION BOX, OR PANELBOARD. PROVIDE NEW BLANK COVER PLATE, WHICH SHALL MATCH COVER PLATES FOR NEW WORK OR IF NO NEW WORK THEN SHALL MATCH EXISTING COVER PLATES.
 - WHERE EXISTING WIRING AT DEVICE IS UP STREAM OF OTHER DOWN STREAM DEVICES, REWORK THE EXISTING WIRING TO REMOVE THE DEVICE, BUT TO MAINTAIN CIRCUIT CONTINUITY TO THE DOWN STREAM DEVICES. PROVIDE ALL REQUIRED MATERIALS TO REWORK THE EXISTING WIRING.
 - FLUSH MOUNTED DEVICES TO BE REMOVED THAT OCCUR IN EXISTING WALLS TO BE REMOVED: REMOVE DEVICE; REMOVE COVER PLATE; REMOVE WIRES BACK TO UP STREAM DEVICE, HOMERUN JUNCTION BOX, OR PANELBOARD; REMOVE ASSOCIATED BOX; AND REMOVE CONDUIT. ANY CONDUIT NOT ACCESSIBLE SHALL BE CUT AND LEFT ABANDONED IN THE EXISTING WALLS.
 - WHERE THE EXISTING DEVICE IS THE FIRST DEVICE THAT THE HOMERUN CIRCUIT LANDS TO AND THEN FEEDS OTHER DOWN STREAM DEVICES:
 - WHERE THE EXISTING HOMERUN CIRCUIT IS ROUTED OVERHEAD: CAPTURE THE EXISTING HOMERUN CIRCUIT (CONDUIT AND WIRING) OVERHEAD BEFORE IT TURNS DOWN INTO THE EXISTING WALL BEING DEMOLISHED.
 - WHERE THERE IS AN EXISTING HOMERUN JUNCTION BOX IN THE CEILING BEFORE IT TURNS DOWN TO THE FIRST DEVICE: REMOVE THE CONDUIT AND WIRING BETWEEN THE FIRST DEVICE AND THE HOME RUN JUNCTION BOX. THEN PROVIDE NEW CONDUIT AND WIRING (TO MATCH EXISTING) FROM THE EXISTING HOMERUN JUNCTION BOX TO THE NEXT DEVICE DOWN STREAM OF THE FIRST DEVICE (THAT WAS REMOVED) AND RECONNECT THE WIRING.
 - WHERE THE HOMERUN CIRCUIT EXTENDS FROM THE PANEL ALL THE WAY TO THE FIRST DEVICE: PULL OUT THE EXISTING WIRING FROM THE EXISTING CONDUIT. CUT THE CONDUIT UP ABOVE THE ACCESSIBLE CEILING SPACE. PROVIDE A NEW JUNCTION BOX ON THE END OF THE EXISTING CONDUIT. PROVIDE NEW CONDUIT AND WIRING (TO MATCH EXISTING) FROM THE NEW HOMERUN JUNCTION BOX TO THE NEXT DEVICE DOWN STREAM OF THE FIRST DEVICE (THAT WAS REMOVED) AND RECONNECT THE WIRING. MAINTAIN CIRCUIT CONTINUITY TO DOWN STREAM DEVICES.
 - WHERE EXISTING WALLS ARE NOT ACCESSIBLE TO RUN NEW HARD CONDUIT DOWN WITHIN THE EXISTING WALLS PROVIDE AND UTILIZE MC CABLE TO FISH DOWN WITHIN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX, WHERE SIZE OF SURFACE BOX WILL ACCOMMODATE THE NEW DEVICE AND BE ABLE TO CONNECT TO THE EXISTING WIRING WITHIN THE EXISTING RECESSED WALL BOX. **COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED.** ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).
 - WHERE THE EXISTING HOMERUN CIRCUIT IS ROUTED BELOW THE SLAB: REMOVE THE WIRING BETWEEN THE FIRST DEVICE AND EITHER THE FIRST HOME RUN JUNCTION BOX ABOVE THE SLAB OR THE PANELBOARD. CUT CONDUIT FLUSH WITH FINISHED FLOOR AND FILL WITH GROUT AND FINISH TO MATCH EXISTING FLOOR SURFACE. PROVIDE NEW CONDUIT AND WIRING (TO MATCH EXISTING) FROM EITHER THE FIRST EXISTING HOMERUN JUNCTION BOX ABOVE THE SLAB OR FROM THE EXISTING PANELBOARD TO THE NEXT DEVICE DOWN STREAM OF THE FIRST DEVICE (THAT WAS REMOVED) AND RECONNECT THE WIRING. MAINTAIN CIRCUIT CONTINUITY TO DOWN STREAM DEVICES.
 - WHERE EXISTING WALLS ARE NOT ACCESSIBLE TO RUN NEW HARD CONDUIT DOWN WITHIN THE EXISTING WALLS PROVIDE AND UTILIZE MC CABLE TO FISH DOWN WITHIN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX, WHERE SIZE OF SURFACE BOX WILL ACCOMMODATE THE NEW DEVICE AND BE ABLE TO CONNECT TO THE EXISTING WIRING WITHIN THE EXISTING RECESSED WALL BOX. **COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED.** ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).
 - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: REMOVE THE WIRING BETWEEN THE REMOVED DEVICE AND THE UP STREAM DEVICE. REMOVE PORTIONS OF EXISTING CONDUIT THAT ARE EXPOSED. ANY CONDUIT NOT ACCESSIBLE SHALL BE CUT AND LEFT ABANDONED IN THE EXISTING WALLS.
 - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: REMOVE THE WIRING BETWEEN THE REMOVED DEVICE AND THE UP STREAM DEVICE. REMOVE PORTIONS OF EXISTING CONDUIT THAT ARE EXPOSED. ANY CONDUIT NOT ACCESSIBLE SHALL BE CUT AND LEFT ABANDONED IN THE EXISTING WALLS.
 - SURFACE MOUNTED DEVICES TO BE REMOVED OCCUR ON EXISTING WALLS TO REMAIN: REMOVE DEVICE; COVERPLATE; WIRES BACK TO UPSTREAM DEVICE, HOMERUN JUNCTION BOX, OR PANELBOARD; ASSOCIATED EXPOSED BOXES; CONDUIT AND SURFACE RACEWAY.
 - WHERE THE EXISTING DEVICE IS THE FIRST DEVICE THAT THE HOMERUN CIRCUIT LANDS TO AND THEN FEEDS OTHER DOWN STREAM DEVICES: REFER TO 3.a.b.1.A & 3.a.b.1.B ABOVE FOR SIMILAR DIRECTION.
 - WHERE THE EXISTING DEVICE IS IN BETWEEN (UP STEAM AND DOWN STREAM) DEVICES: REFER TO 3.a.b.2 ABOVE FOR SIMILAR DIRECTION.
 - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: REFER TO 3.a.b.3 ABOVE FOR SIMILAR DIRECTION.
 - FLOOR DEVICES TO BE REMOVED OCCURRING ON EXISTING FLOORS TO REMAIN: REMOVE DEVICE; FLOOR BOX; WIRES BACK TO UPSTREAM DEVICE, HOMERUN JUNCTION BOX, OR PANELBOARD; ASSOCIATED EXPOSED BOXES; CONDUIT AND SURFACE RACEWAY. FILL HOLE WITH GROUT AND FINISH TO MATCH EXISTING FLOOR SURFACE.
 - WHERE THE EXISTING DEVICE IS THE FIRST DEVICE THAT THE HOMERUN CIRCUIT LANDS TO AND THEN FEEDS OTHER DOWN STREAM DEVICES: CUT CONDUIT ON BOTH SIDES OF THE FLOOR BOX. REMOVE THE FLOOR BOX. JOIN BOTH ENDS OF THE EXISTING CONDUIT WITH A NEW PIECE OF CONDUIT (TO MATCH EXISTING). REFER TO 3.a.b.1.A & 3.a.b.2.B ABOVE FOR SIMILAR DIRECTION ON WIRING.
 - WHERE THE EXISTING DEVICE IS IN BETWEEN (UP STEAM AND DOWN STREAM) DEVICES: CUT CONDUIT ON BOTH SIDES OF THE FLOOR BOX. REMOVE THE FLOOR BOX. JOIN BOTH ENDS OF THE EXISTING CONDUIT WITH A NEW PIECE OF CONDUIT (TO MATCH EXISTING). REFER TO 3.a.b.2 ABOVE FOR SIMILAR DIRECTION ON THE WIRING.
 - WHERE THE EXISTING DEVICE IS DOWNSTREAM (AT THE END) OF ALL UPSTREAM DEVICES: CUT CONDUIT AND CAP THE END OF THE CONDUIT BELOW THE SLAB. REFER TO 3.a.b.3 ABOVE FOR SIMILAR DIRECTION.
 - WHERE UTILIZING AN EXISTING WALL BOX FOR A NEW DEVICE AND THE EXISTING WALL BOX DO NOT COMPLY WITH ADA MOUNTING HEIGHTS: EITHER MOVE THE EXISTING RECESSED WALL BOX DOWN TO THE CORRECT MOUNTING HEIGHT, OR PROVIDE A BLANK COVER PLATE ON THE EXISTING RECESSED WALL BOX AND THEN INSTALL A NEW RECESSED WALL BOX FOR THE NEW LIGHTING CONTROLS, OR PROVIDE A SURFACE MOUNTED BOX TO COVER THE EXISTING RECESSED WALL BOX WHERE SIZE OF SURFACE MOUNTED BOX WILL ACCOMMODATE THE LIGHTING CONTROLS AND BE ABLE TO CONNECT TO THE EXISTING LINE-VOLTAGE OR NEW LOW-VOLTAGE WIRING WITHIN THE EXISTING RECESSED WALL BOX.
 - WHERE EXISTING WALLS ARE NOT ACCESSIBLE TO RUN NEW HARD CONDUIT DOWN WITHIN THE EXISTING WALLS PROVIDE AND UTILIZE MC CABLE TO FISH DOWN WITHIN THE EXISTING WALLS. WHERE EXISTING WALLS AND EXISTING RECESSED WALL BOXES DO NOT ALLOW FOR HARD CONDUIT OR MC CABLE THEN PROVIDE SURFACE RACEWAY (TWO PIECE SINGLE-CHANNEL) TO BE ROUTED FROM THE CEILING DOWN TO THE NEXT DEVICE DOWN STREAM. **COORDINATE WITH ARCHITECT FOR ANY LOCATIONS THAT SURFACE RACEWAY WILL BE USED.** ALSO COORDINATE ALL SURFACE RACEWAY AROUND ANY NEW OR EXISTING EQUIPMENT, DEVICES, MARKERBOARDS, SMARTBOARDS, UPPER CABINETS, ETC. ON THE EXISTING WALLS (NOTE THAT THIS COULD RESULT IN LONGER RUNS OF SURFACE RACEWAY TO AVOID THESE OBSTACLES).

GENERAL DEMOLITION NOTES:

- RECEPTACLES: WHERE NOTED, EXISTING RECEPTACLES AND BRANCH CIRCUITS TO THE EXISTING RECEPTACLES SHALL BE DEMOLISHED AND REPLACED WITH NEW. REFER TO DEVICES ABOVE FOR ADDITIONAL DEMOLITION NOTES.
- LIGHTING CONTROLS: WHERE NOTED, EXISTING INTERIOR AND EXTERIOR LIGHTING CONTROLS SHALL BE DEMOLISHED AND REPLACED WITH NEW. REFER TO DEVICES ABOVE FOR ADDITIONAL DEMOLITION NOTES.
 - WHERE NEW LIGHTING CONTROLS ARE LOW-VOLTAGE: REMOVE THE EXISTING LINE-VOLTAGE WIRING AND INSTALL LOW-VOLTAGE WIRING PER APPROVED LIGHTING CONTROL MANUFACTURER'S WIRING REQUIREMENTS.
 - WHERE EXISTING LINE-VOLTAGE WIRING WITHIN THE WALL BOX IS UP STREAM OF OTHER DOWN STREAM DEVICES REFER TO DEVICES ABOVE FOR A RESOLUTION TO REFEED THE EXISTING DOWN STREAM DEVICES. MAINTAIN CIRCUIT CONTINUITY BETWEEN UP STREAM AND DOWN STREAM DEVICES.
- INTERIOR LIGHTING: WHERE NOTED, EXISTING INTERIOR LIGHT FIXTURES SHALL BE DEMOLISHED AND REPLACED WITH NEW.
 - PROVIDE NEW CONDUIT AND WIRING ALONG WITH ALL OTHER REQUIRED MATERIALS NECESSARY TO RECONNECT THE NEW INTERIOR LIGHT FIXTURES TO ANY NOTED EXISTING TO REMAIN LIGHTING BRANCH CIRCUITS VIA THE NEW LIGHTING CONTROLS.
- EXTERIOR LIGHTING: WHERE NOTED, EXISTING EXTERIOR LIGHT FIXTURES MOUNTED ON THE EXTERIOR WALL OF THE BUILDING OR ON THE BOTTOM OF THE EXISTING CANOPIES SHALL BE DEMOLISHED AND REPLACED WITH NEW.
 - PROVIDE NEW CONDUIT AND WIRING ALONG WITH ALL OTHER REQUIRED MATERIALS NECESSARY TO CONNECT THE NEW EXTERIOR LIGHT FIXTURES MOUNTED ON THE EXTERIOR WALL OF THE BUILDING OR ON THE BOTTOM OF THE EXISTING CANOPIES TO THE NEW OR EXISTING LIGHTING BRANCH CIRCUITS VIA THE NEW LIGHTING CONTROLS.
- COMMUNICATION OUTLETS: WHERE NOTED, EXISTING COMMUNICATION OUTLETS AND EXISTING LOW-VOLTAGE WIRING TO THE EXISTING OUTLETS SHALL BE DEMOLISHED AND REPLACED WITH NEW.
 - REFER TO DEVICES ABOVE FOR ADDITIONAL DEMOLITION NOTES.
- CONDUIT: WHERE EXISTING CONDUIT IS EXPOSED DUE TO DEMOLITION OF WALLS, CONDUIT SHALL BE REMOVED, UNLESS INDICATED TO REMAIN OR NECESSARY TO MAINTAIN SERVICE TO EXISTING ITEMS TO REMAIN. WHERE CONDUIT RISES FROM FLOOR TO FEED REMOVED ITEMS, CUT CONDUIT FLUSH WITH FLOOR AND FILL IT WITH GROUT. FINISH TO MATCH FLOOR SURFACE. ALL ACCESSIBLE UNUSED CONDUIT SHALL BE REMOVED, ALL INACCESSIBLE UNUSED CONDUIT SHALL BE ABANDONED. ALL CONDUIT TO NEW DEVICES AND EQUIPMENT SHALL BE NEW, UNLESS NOTED OTHERWISE.
- WIRING: ALL WIRING TO DEMOLISHED DEVICES AND EQUIPMENT SHALL BE REMOVED, UNLESS NOTED OTHERWISE. ALL EXISTING WIRING TO EXISTING-TO-REMAIN DEVICES AND EQUIPMENT SHALL REMAIN, UNLESS NOTED OTHERWISE. ALL ACCESSIBLE UNUSED WIRING SHALL BE REMOVED. ALL INACCESSIBLE UNUSED WIRING SHALL BE CUT AND ABANDONED. ALL WIRING TO NEW DEVICES AND EQUIPMENT SHALL BE NEW, UNLESS NOTED OTHERWISE.
- MAINTAIN CIRCUIT CONTINUITY AS NECESSARY IN ALL DEMOLITION WORK.
- THE CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OF ELECTRICAL EQUIPMENT REMOVED FROM THE BUILDING. IF THE OWNER DESIRES TO RETAIN EQUIPMENT, THEY WILL REMOVE IT FROM THE SITE. ALL EQUIPMENT NOT RETAINED BY THE OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. DISPOSAL OF ALL EQUIPMENT CONTAINING HAZARDOUS MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND THE COST OF DISPOSAL SHALL BE INCLUDED.
- INFORMATION ON DEMOLITION DRAWINGS DOES NOT INDICATE ALL EXISTING EQUIPMENT AND DEVICES. REFER TO ARCHITECTURAL, PLUMBING AND MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING BID AND SHALL VERIFY ALL DEMOLITION REQUIRED. ADDITIONAL COMPENSATION WILL NOT BE ALLOWED FOR DEMOLITION DUE TO CONTRACTOR NOT VISITING SITE AND DETERMINING FULL SCOPE OF DEMOLITION REQUIRED.
- SEE THE DEMOLITION FLOOR PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS. ON THE DEMOLITION FLOOR PLANS, ALL DASHED ITEMS SHALL BE REMOVED AND ALL SOLID ITEMS SHALL REMAIN, UNLESS NOTED OTHERWISE. NEW WORK FLOOR PLANS MAY CONTAIN ADDITIONAL DEMOLITION INFORMATION IN SOME LOCATIONS.

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MARTINSVILLE CITY PUBLIC SCHOOLS
PROJECT
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING
ELECTRICAL GENERAL AND DEMOLITION NOTES

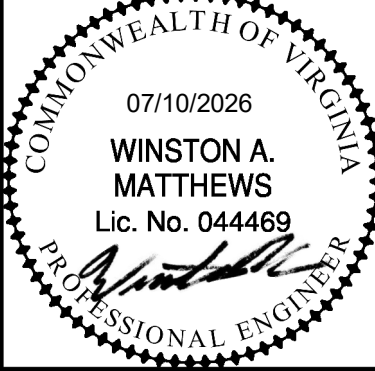
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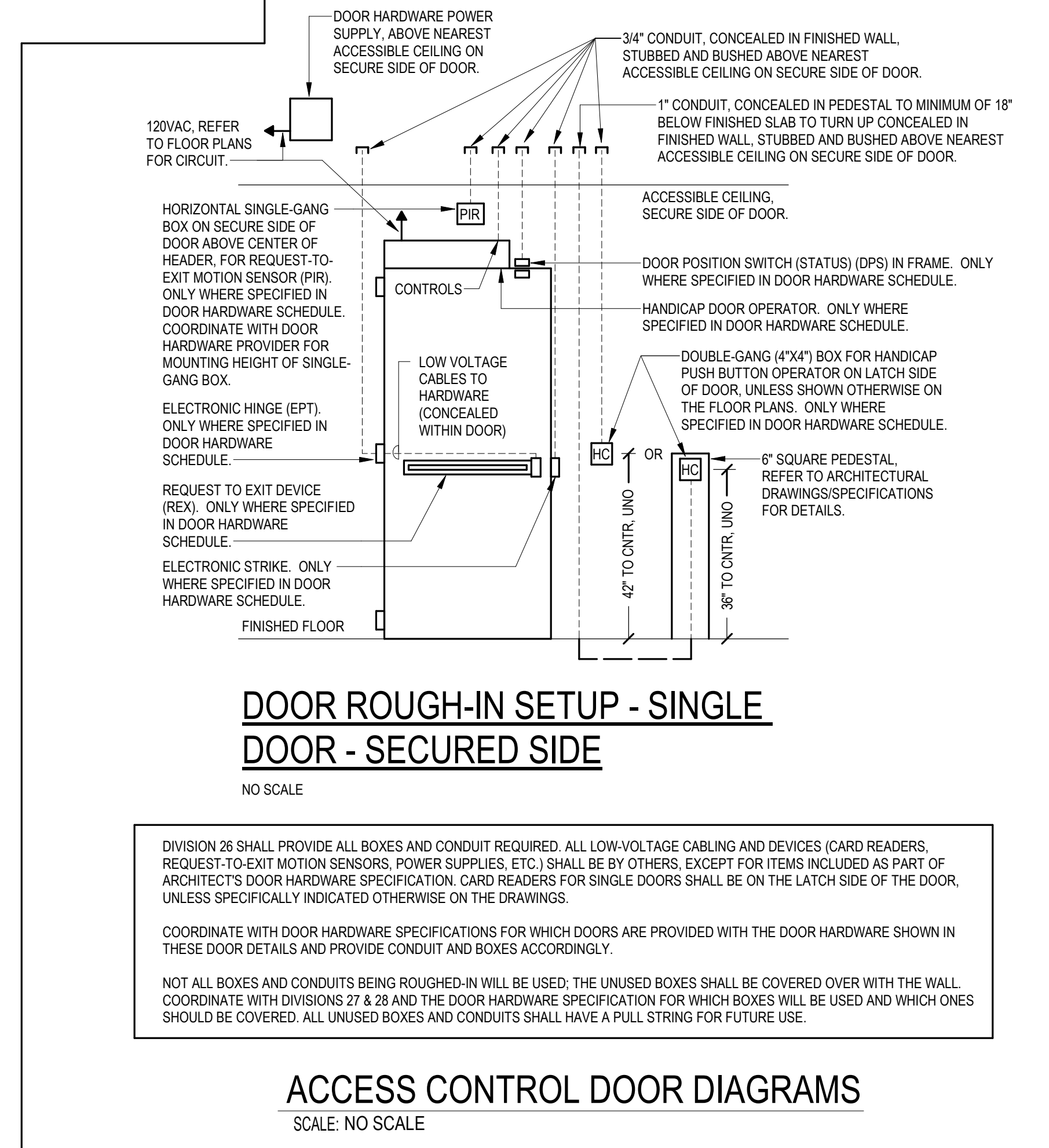
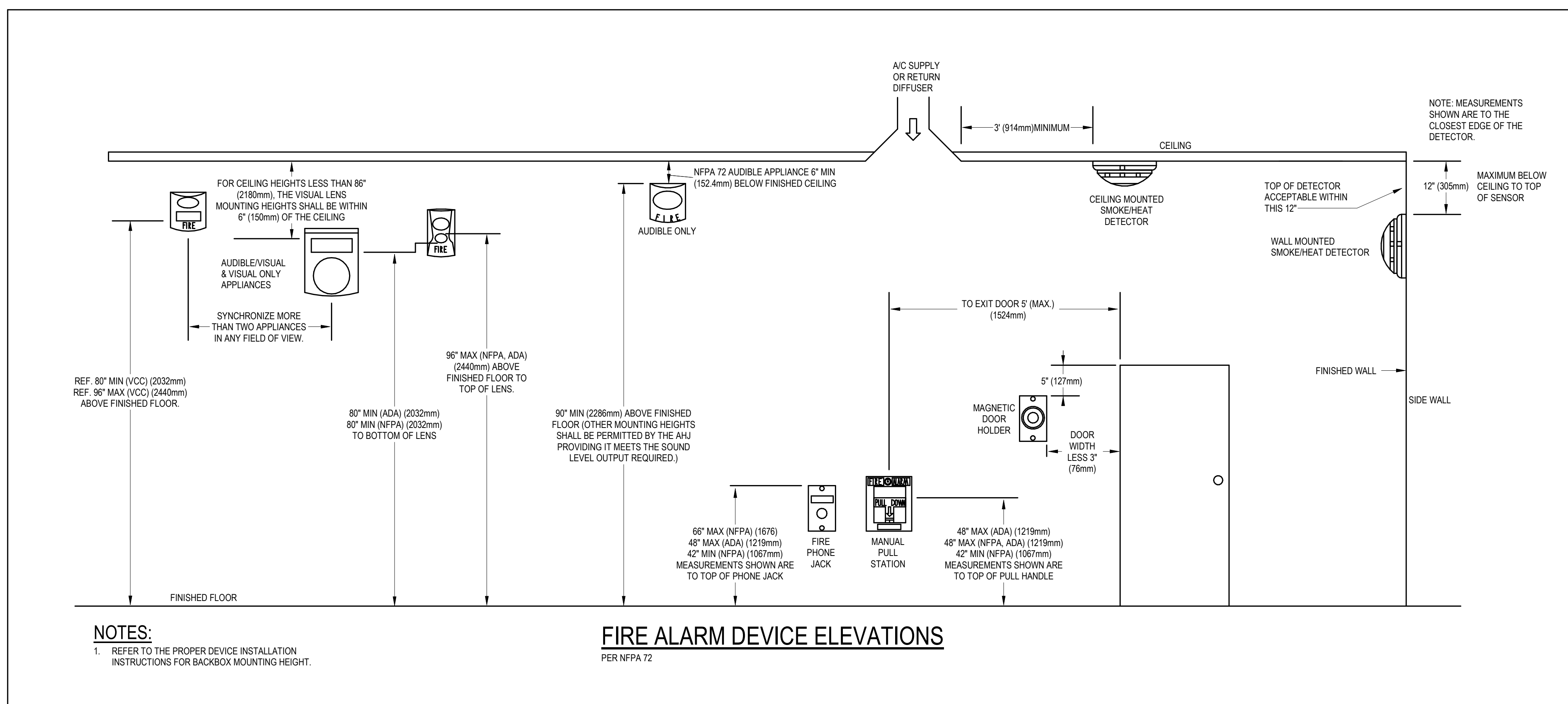
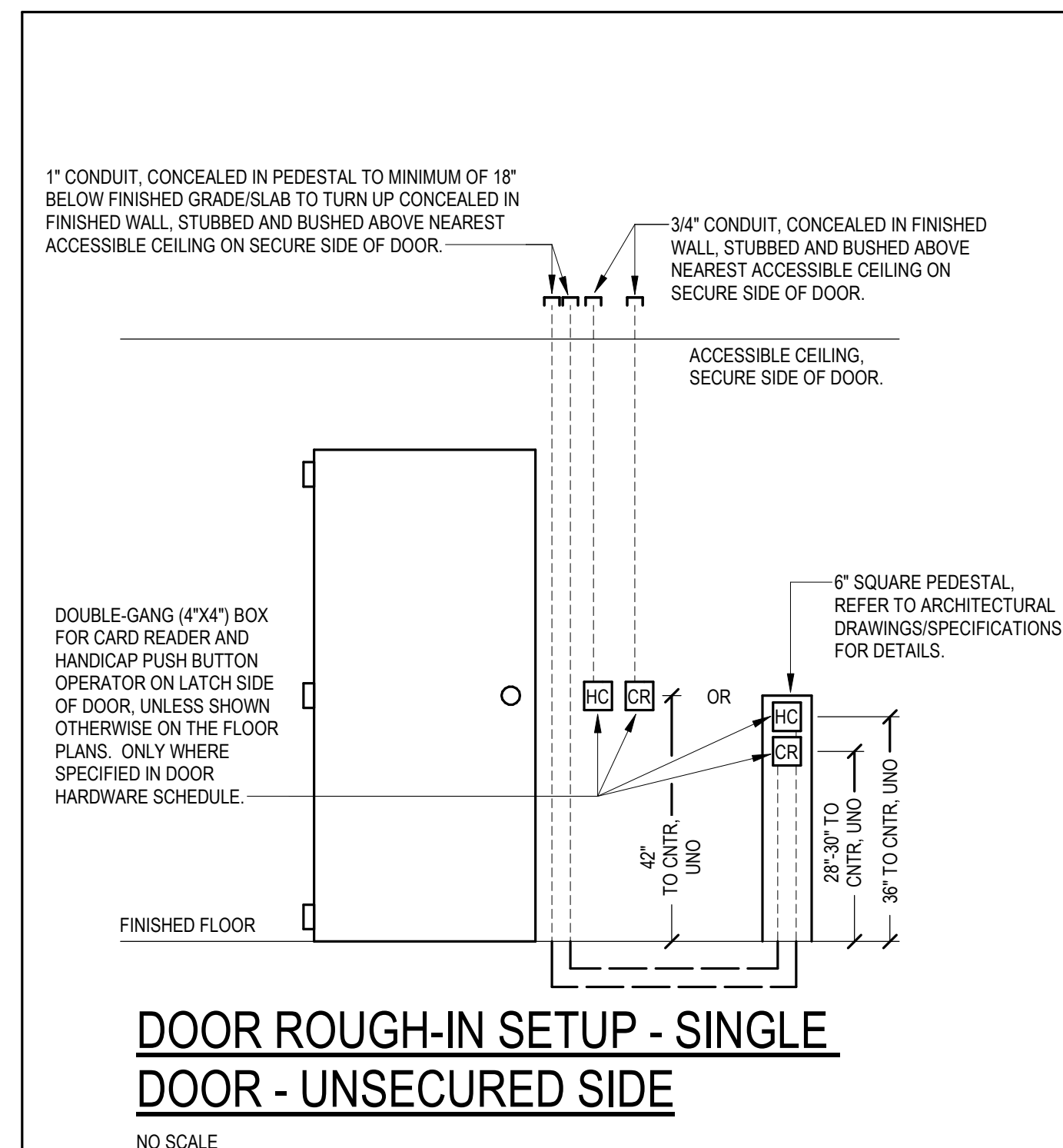
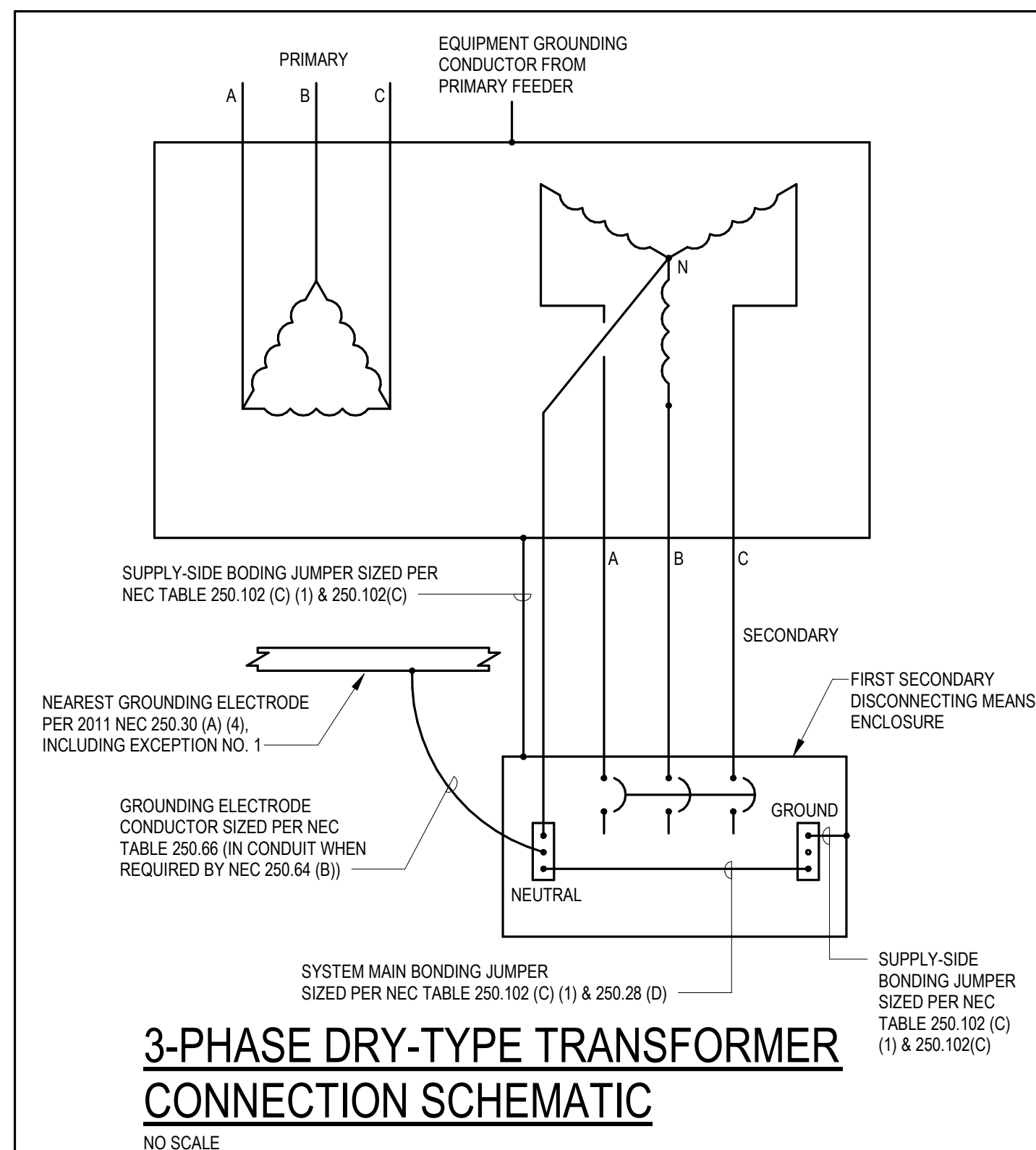
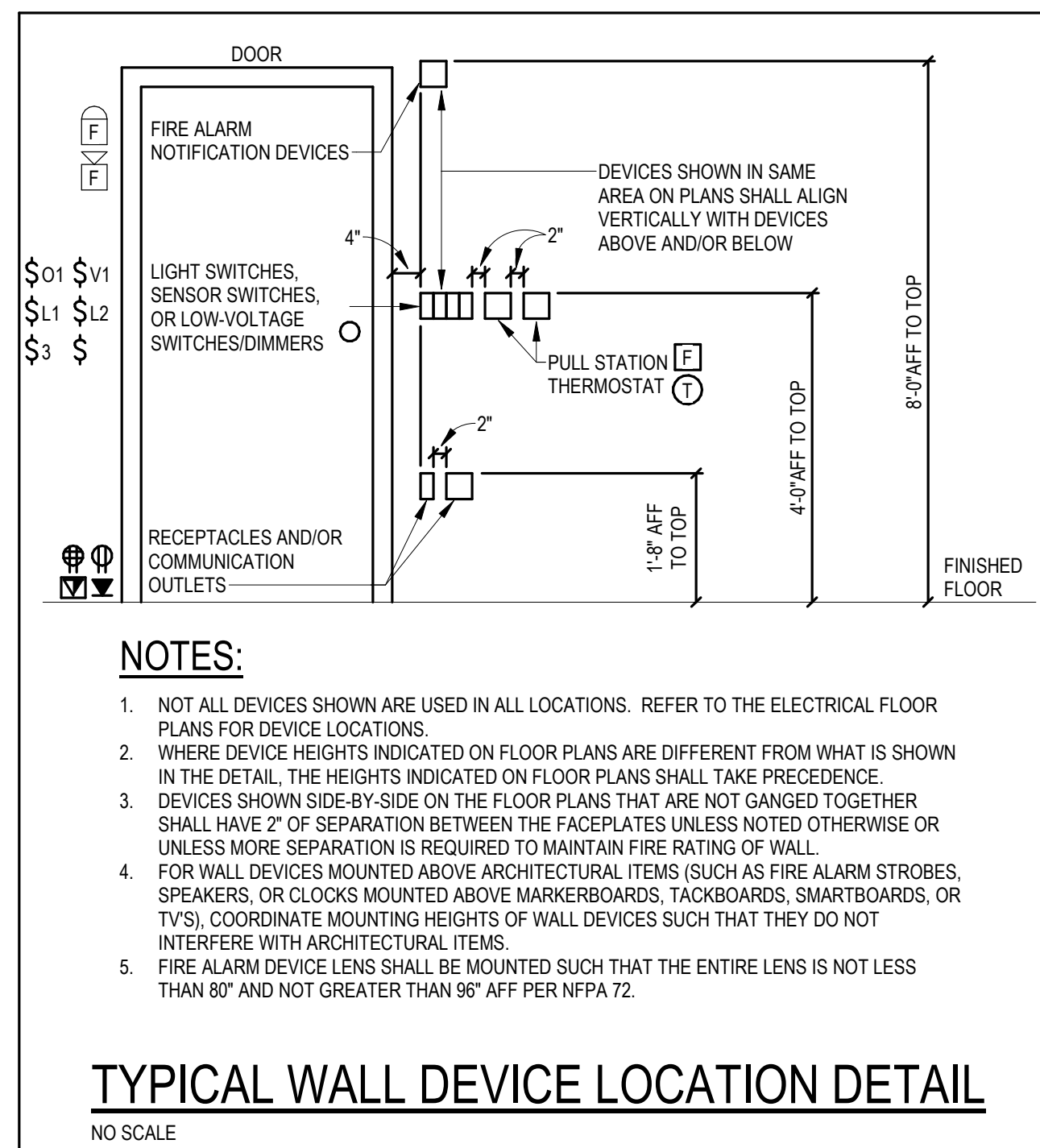
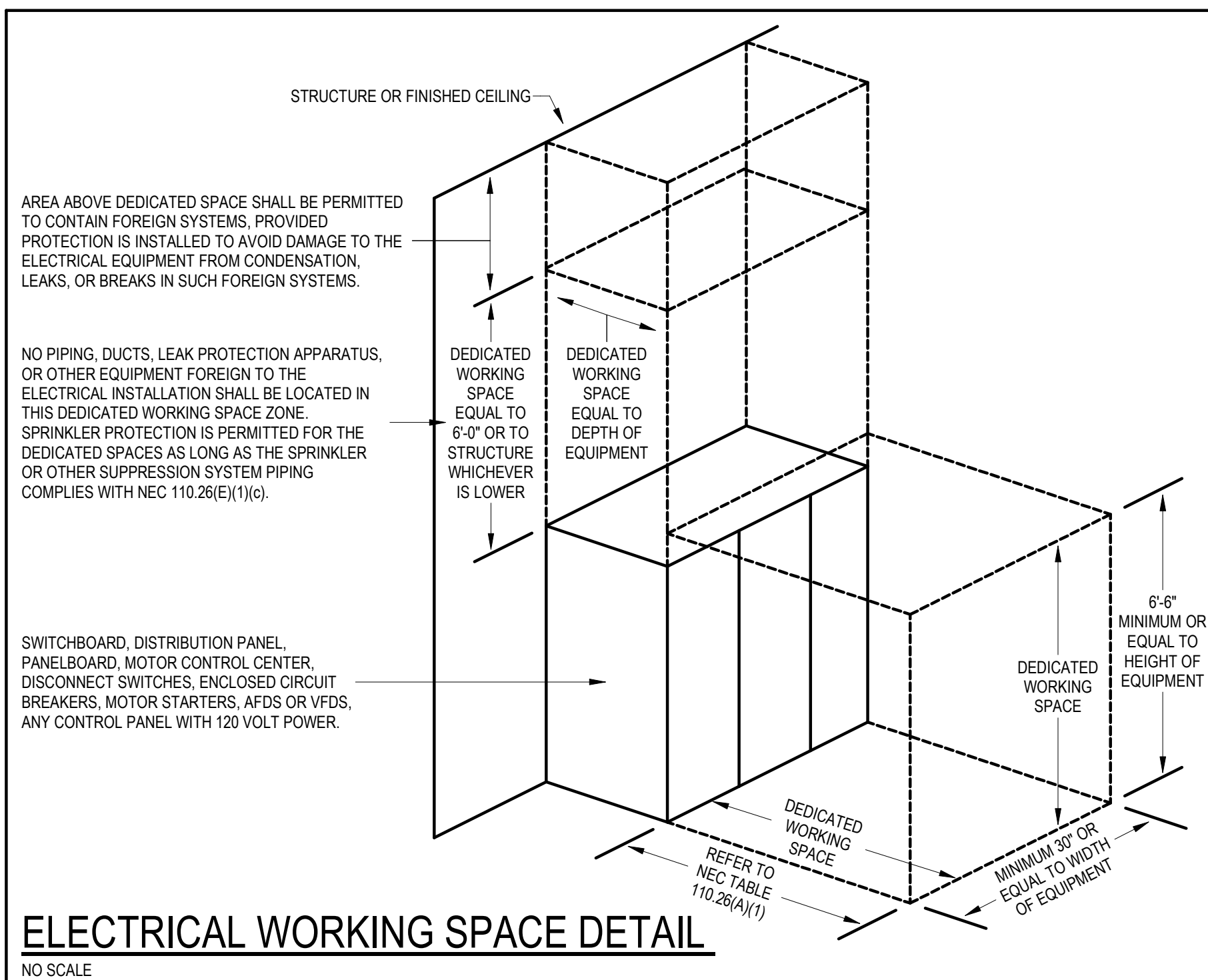
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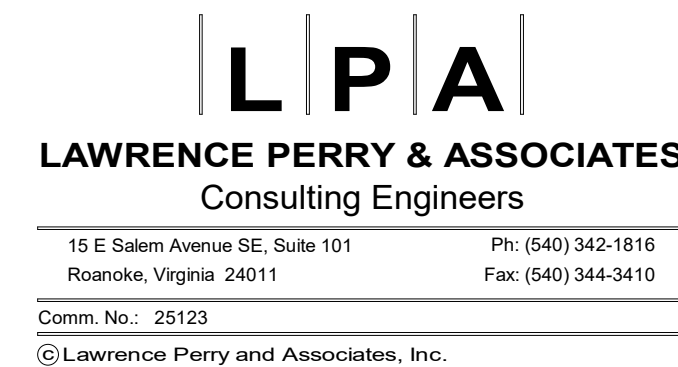
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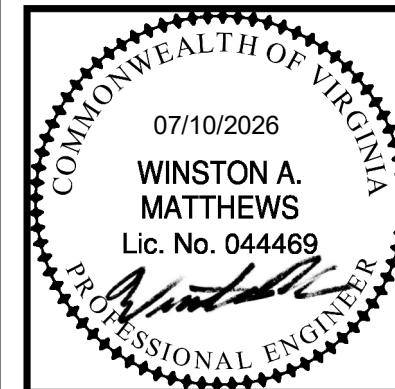
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING ELECTRICAL DETAILS

SHEET

E-004

MARK	DATE	BY	DES

REVISIONS

LIGHTING FIXTURE SCHEDULE					
FIXTURE TYPE	MOUNTING	LUMEN LED	WATTS	MANUFACTURER & CATALOG NUMBER (BASIS OF DESIGN)	COMMENTS
A1	RECESSED	4800 LUMEN LED	36 W	DAY-BRITE: 2FGXG48L840-4-RS-UNV-DIM	
A1E	RECESSED	4800 LUMEN LED	36 W	DAY-BRITE: 2FGXG48L840-4-RS-UNV-DIM-EM10FL	
A2	RECESSED	3800 LUMEN LED	27 W	DAY-BRITE: 2FGXG38L840-4-RS-UNV-DIM	
A2E	RECESSED	3800 LUMEN LED	27 W	DAY-BRITE: 2FGXG38L840-4-RS-UNV-DIM-EM10FL	
A3	RECESSED	5400 LUMEN LED	41 W	DAY-BRITE: 2FGXG54L840-4-RS-UNV-DIM	
A3E	RECESSED	5400 LUMEN LED	41 W	DAY-BRITE: 2FGXG54L840-4-RS-UNV-DIM-EM10FL	
A4	RECESSED	7400 LUMEN LED	56 W	DAY-BRITE: 2FGXG74L840-4-RS-UNV-DIM	
B1	RECESSED	3000 LUMEN LED	22 W	DAY-BRITE: 2FGXG30L840-2-RS-UNV-DIM	
B1E	RECESSED	3000 LUMEN LED	22 W	DAY-BRITE: 2FGXG30L840-2-RS-UNV-DIM-EM10FL	
B2	RECESSED	3800 LUMEN LED	28 W	DAY-BRITE: 2FGXG38L840-2-RS-UNV-DIM	
B2E	RECESSED	3800 LUMEN LED	28 W	DAY-BRITE: 2FGXG38L840-2-RS-UNV-DIM-EM10FL	
C1	RECESSED	1500 LUMEN LED	7 W	LIGHTOLIER: 4RR-C4L15940WZ10U-C4RDL**CAEM6	
C1E	RECESSED	1500 LUMEN LED	7 W	LIGHTOLIER: 4RR-C4L15940WZ10U-C4RDL**CAEM6	*=ARCHITECT TO SELECT COLOR FINISH. **=ARCHITECT TO SELECT COLOR FINISH.
D1	SURFACE	1000 LUMEN LED	9 W	AIREY-THOMPSON: 13NXN40K24-2-*D10	*=ARCHITECT TO SELECT COLOR FINISH
S1	PENDANT MOUNT	4000 LUMEN LED	31 W	DAY-BRITE: LBX40L840-UNV-FD	PENDANT MOUNT FIXTURE(S) TO BE 10'-0" AFF TO BOTTOM OF FIXTURE.
S2	PENDANT MOUNT	4000 LUMEN LED	31 W	DAY-BRITE: LBX40L840-UNV-FD-SWZCS-EMLED	PENDANT MOUNT FIXTURE(S) TO BE 10'-0" AFF TO BOTTOM OF FIXTURE.
WE	SURFACE WALL	2500 LUMEN LED	17 W	GARCCO: GWS-A02-840-13M-UNV-PCB-EM-*	*=ARCHITECT TO SELECT COLOR FINISH
X1	RECESSED	LED	1 W	CHLORIDE: ER44RLDU1R	ARROWS AS INDICATED; PROVIDE CANOPY WHERE REQUIRED; HOUSING AND CANOPY SHALL NOT EXCEED 9" OVERALL HEIGHT
X2	RECESSED	LED	1 W	CHLORIDE: ER44RLDU2R	ARROWS AS INDICATED; PROVIDE CANOPY WHERE REQUIRED; HOUSING AND CANOPY SHALL NOT EXCEED 9" OVERALL HEIGHT

LIGHT FIXTURE SCHEDULE NOTES:

- REFER TO BASIC REQUIREMENTS FOR ELECTRICAL SYSTEMS SPECIFICATION SETION 260100 FOR BIDDING INSTRUCTION (SEE BELOW EXCERPT FROM SPECS) FOR THE LIGHT FIXTURE SCHEDULE ABOVE.
- ONLY AFTER THE BIDDING PROCESS IS COMPLETED AND CONTRACT HAS BEEN SIGNED SHALL VALUE ENGINEERING (VE) SUBSTITUTION LIGHT FIXTURES BE CONSIDERED. REFER TO BASIC REQUIREMENTS FOR ELECTRICAL SYSTEMS SPECIFICATION SETION 260100 FOR THE SUBSTITUTION PROCESS.

BIDDING INSTRUCTIONS:

- A. PRODUCTS ARE GENERALLY SPECIFIED BY A PERFORMANCE SPECIFICATION AND/OR BY MANUFACTURER'S NAME AND MODEL NUMBER OR TRADE NAME.

- WHEN SPECIFIED ONLY BY A PERFORMANCE SPECIFICATION, THE CONTRACTOR MAY USE ANY MANUFACTURER WHO MEETS THE PERFORMANCE SPECIFICATION AND APPLICABLE CODES.
- WHEN SEVERAL PRODUCTS/MANUFACTURERS ARE SPECIFIED TOGETHER, THEN THE CONTRACTOR HAS THE OPTION OF USING ANY PRODUCT/MANUFACTURER LISTED. THE CONTRACTOR SHALL BE SUBJECT TO THE REQUIREMENTS OF "ELECTRICAL SUBMITTALS" IN SPECIFICATION SECTION 260100. THE CONTRACTOR'S BID SHALL BE COMPILED ON THE USE OF THE LISTED PRODUCTS WITHOUT EXCEPTION. SUBSTITUTIONS WILL ONLY BE CONSIDERED AFTER THE CONTRACT HAS BEEN SIGNED AND SHALL BE SUBJECT TO THE REQUIREMENTS OF "SUBSTITUTIONS" IN SPECIFICATION SECTION 260100.
- WHEN SEVERAL PRODUCTS/MANUFACTURERS ARE SPECIFIED TOGETHER AND THE SYSTEM DESIGN IS BASED ON ONE OF THE LISTED PRODUCTS BY SPECIFIC MODEL NUMBER(S) OR CATALOG NUMBER(S), THE CONTRACTOR HAS THE OPTION OF USING THE ONE SPECIFIC PRODUCT OR ANY PRODUCT/MANUFACTURER LISTED. HOWEVER, WHEN ANOTHER LISTED PRODUCT/MANUFACTURER IS USED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THAT THE PRODUCT(S) ARE COMPATIBLE WITH BUILDING DESIGN, ELECTRICAL DESIGN, AND MECHANICAL DESIGN; ARE EQUAL TO THE BASIS-OF-DESIGN PRODUCT IN QUALITY, APPEARANCE, CONSTRUCTION AND PERFORMANCE (INCLUDING LAMPING AND LENSES FOR LIGHTING FIXTURES); AND WILL NOT NECESSITATE DESIGN MODIFICATIONS BY THE ARCHITECT/ENGINEER. THE CONTRACTOR'S BID SHALL BE COMPILED ON THE USE OF THE LISTED PRODUCTS/MANUFACTURERS WITHOUT EXCEPTION. SUBSTITUTIONS WILL ONLY BE CONSIDERED AFTER THE CONTRACT HAS BEEN SIGNED AND SHALL BE SUBJECT TO THE REQUIREMENTS OF "SUBSTITUTIONS" IN SPECIFICATION SECTION 260100.
- WHEN ONLY ONE MANUFACTURER'S NAME IS LISTED WITH THE CATALOG NUMBER, THIS SHALL BE THE BASIS OF THE BID. THE CONTRACTOR'S BID SHALL BE COMPILED ON THE USE OF THE LISTED PRODUCT(S) ONLY. SUBSTITUTIONS WILL ONLY BE CONSIDERED AFTER THE CONTRACT HAS BEEN SIGNED AND SHALL BE SUBJECT TO THE REQUIREMENTS OF "SUBSTITUTIONS" IN SPECIFICATION SECTION 260100.
- A REQUEST FOR SUBSTITUTION SHALL BE MADE IN WRITING FROM THE GENERAL CONTRACTOR ONLY. REQUESTS BY DISTRIBUTORS, MANUFACTURERS, OR MANUFACTURER'S REPRESENTATIVES WILL NOT BE CONSIDERED. ORAL REQUESTS WILL NOT BE CONSIDERED. REQUEST FOR DEVIATIONS FROM PRODUCT SPECIFICATIONS WILL NOT BE CONSIDERED.
- REQUEST FOR SUBSTITUTIONS WILL NOT BE CONSIDERED DURING BIDDING UNLESS THE SPECIFIED PRODUCT IS DISCONTINUED.
- IF APPROVAL FOR A SUBSTITUTION IS GRANTED, SAMPLES SHALL BE SUBMITTED IF AND AS REQUESTED BY ENGINEER.
- APPROVAL OF SUBSTITUTIONS PRIOR TO SHOP DRAWING SUBMITTAL WILL NOT BE GRANTED.

SUBSTITUTIONS

- A. ANY SUBSTITUTION TO THE BASIS OF DESIGN LIGHT FIXTURES SHALL REQUIRE COMPLETE PHOTOMETRIC POINT-BY-POINT CALCULATIONS (AT NO ADDITIONAL COST TO THE CONTRACT) OF ALL AREAS (ROOMS) THE SUBSTITUTE LIGHT FIXTURES WILL BE INSTALLED. THE PHOTOMETRIC CALCULATIONS SHALL INCLUDE SUBSTITUTE LIGHT FIXTURE(S) AND ANY NON-SUBSTITUTE LIGHT FIXTURE(S) WHERE THEY ARE ALL IN THE SAME AREA (ROOM). ARCHITECT/ENGINEER SHALL THEN REVIEW SUBSTITUTION CUT SHEETS AND PHOTOMETRIC CALCULATIONS TO DETERMINE IF THE LIGHT FIXTURES ARE EQUAL TO THE BASIS OF DESIGN.

- B. SUBSTITUTIONS ARE UNDERSTOOD TO MEAN THAT THE CONTRACTOR:

- HAS PERSONALLY INVESTIGATED THE PROPOSED SUBSTITUTE AND HAS DETERMINED THAT IT IS EQUAL OR SUPERIOR IN ALL RESPECTS, INCLUDING APPEARANCE, TO THE ITEM SPECIFIED.
- WILL PROVIDE THE SAME GUARANTEE FOR THE SUBSTITUTION THAT THEY WOULD FOR THE EQUIPMENT SPECIFIED.
- HAS COORDINATED THE INSTALLATION OF THE SUBSTITUTE, PROVIDING DESIGN MODIFICATIONS AND CHANGES AS REQUIRED FOR THE WORK TO BE COMPLETE IN ALL RESPECTS.
- HAS COORDINATED THE INSTALLATION OF THE SUBSTITUTE WITH THE GENERAL CONTRACTOR PERTAINING TO CHANGES REQUIRED FOR THE WORK TO BE COMPLETE WITH ALL TRADES (ALL CHANGES SHALL BE PROVIDED WITHOUT ADDITIONAL COST TO THE CONTRACT).
- ALL REQUIRED DESIGN MODIFICATIONS AND/OR CHANGES SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FOR THE SUBSTITUTE EQUIPMENT.
- HAS COORDINATED WITH THE LIGHT CONTROLS MANUFACTURER TO ENSURE SUBSTITUTION WILL WORK WITH SPECIFIED LIGHT CONTROLS AND SEQUENCE OF OPERATIONS.
- HAS PROVIDED THE AMOUNT OF CREDIT DUE THE OWNER IF THE SUBSTITUTION IS ACCEPTED.

- C. THE ARCHITECT/ENGINEER WILL INDICATE ON WHICH OF THESE ITEMS THE CONTRACTOR MAY SUBMIT SHOP DRAWINGS FOR REVIEW. THE ACCEPTANCE BY THE ARCHITECT/ENGINEER OF ANY OR ALL OF THOSE ITEMS LISTED BY THE CONTRACTOR FOR REVIEW SHALL NOT CONSTITUTE AN APPROVAL OF THE SUBSTITUTE BUT SHALL MEAN THAT THE CONTRACTOR MAY THEN SUBMIT DETAILED SHOP DRAWINGS FOR REVIEW. WHEN A REQUEST FOR SUBSTITUTION IS GRANTED, THE ARCHITECT/ENGINEER WILL REVIEW SHOP DRAWINGS AS FOLLOWS:

- IF SHOP DRAWINGS FOR THE SUBSTITUTE EQUIPMENT ARE MARKED "AMEND & RESUBMIT" ON FIRST SUBMITTAL, THE CONTRACTOR IS ALLOWED TO RESUBMIT FOR TWO ADDITIONAL REVIEWS, UNLESS THE ARCHITECT/ENGINEER PROVIDES OTHER INSTRUCTIONS. IF AFTER THE THIRD REVIEW, THE SUBSTITUTE EQUIPMENT IS NOT ACCEPTED, THE SPECIFIED EQUIPMENT SHALL BE PROVIDED WITHOUT ANY ADDITIONAL COST TO THE CONTRACT.
- IF SHOP DRAWINGS FOR THE SUBSTITUTE EQUIPMENT ARE MARKED "REJECTED - SEE REMARKS" AT ANY SUBMITTAL LEVEL, THE CONTRACTOR SHALL STOP ANY FURTHER SUBMITTALS OF ANY SUBSTITUTE EQUIPMENT. THE ARCHITECT/ENGINEER WILL NOT REVIEW ANY ADDITIONAL SUBSTITUTE EQUIPMENT AND THE CONTRACTOR SHALL SUBMIT AND PROVIDE THE SPECIFIED EQUIPMENT WITHOUT ANY ADDITIONAL COST TO THE CONTRACT.

LIGHTING SENSOR AND SWITCH SCHEDULE		
TYPE	MOUNTING	PERFORMANCE SPECIFICATION
§ L1	WALL (46" AFF TO CENTER)	2-BUTTON SWITCH "ON/OFF". MOUNTS IN ANY SINGLE-GANG WALL BOX. CLASS 2 OPERATION WITH VOLTAGES NOT TO EXCEED 35 VOLTS DC. TEMPERATURE RANGE OF 0 DEGREES C TO 40 DEGREES C. MAXIMUM 90% RELATIVE HUMIDITY. REFER TO THE "LIGHTING CONTROLS" ON EACH LIGHTING FLOOR PLAN FOR ADDITIONAL OPERATION/PROGRAMMING REQUIREMENTS.
§ L2	WALL (46" AFF TO CENTER)	2-BUTTON 0-10V DIMMER WITH "ON/OFF/RAISE/LOWER". MOUNTS IN ANY SINGLE-GANG WALL BOX. CLASS 2 OPERATION WITH VOLTAGES NOT TO EXCEED 35 VOLTS DC. TEMPERATURE RANGE OF 0 DEGREES C TO 40 DEGREES C. MAXIMUM 90% RELATIVE HUMIDITY. REFER TO THE "LIGHTING CONTROLS" ON EACH LIGHTING FLOOR PLAN FOR ADDITIONAL OPERATION/PROGRAMMING REQUIREMENTS.
§ S0D	WALL (46" AFF TO CENTER)	0-10 VOLT DIMMER/OCCUPANCY SENSOR. PROGRAM THE SENSOR TO AUTOMATICALLY TURN THE LIGHTS ON TO 50% LIGHT LEVEL WHEN THE ROOM IS INITIALLY OCCUPIED. THE LIGHT LEVELS CAN THEN BE MANUALLY ADJUSTED AT THE DIMMER. OCCUPANCY SENSOR SHALL BE DUAL TECHNOLOGY (PIR AND ULTRASONIC). MOUNTS IN ANY SINGLE-GANG WALL BOX. SENSOR SHALL HAVE A 180 DEGREES FIELD-OF-VIEW WITH UP TO 30 FEET X 30 FEET MAJOR MOTION COVERAGE AND 20 FEET X 20 FEET OF MINOR MOTION COVERAGE. REFER TO THE "LIGHTING CONTROLS" ON EACH LIGHTING FLOOR PLAN FOR AUTO-OFF TIME DELAYS AND ADDITIONAL OPERATION/PROGRAMMING REQUIREMENTS. OPERATING VOLTAGE OF 120-277 VOLTS, 60 HZ. 0-10 VOLT LOADS OF 8 AMPS. 50 mA MAX SINK CURRENT AND CONTROLS UP TO 25 BALLASTS OR DRIVERS. WORKS WITH ALL BALLASTS AND DRIVERS THAT PROVIDE A CURRENT SOURCE COMPLIANT TO IEC 60629 ANNEX E.2. TEMPERATURE RANGE OF 0 DEGREES C TO 40 DEGREES C. MAXIMUM 90% RELATIVE HUMIDITY.
§ V1	WALL (46" AFF TO CENTER)	VACANCY SENSOR SWITCH (MANUAL ON/AUTO OFF). OPERATING VOLTAGE OF 277 VOLTS. VACANCY SENSOR SHALL BE DUAL TECHNOLOGY (PIR AND ULTRASONIC). MOUNTS IN ANY SINGLE-GANG WALL BOX. SENSOR SHALL HAVE A 180 DEGREES FIELD-OF-VIEW WITH UP TO 900 SQUARE FEET MAJOR MOTION COVERAGE AND 400 SQUARE FEET OF MINOR MOTION COVERAGE. LIGHTING LOAD OF 6 AMPS. TEMPERATURE RANGE OF 0 DEGREES C TO 40 DEGREES C. MAXIMUM 90% RELATIVE HUMIDITY. REFER TO THE "LIGHTING CONTROLS" ON EACH LIGHTING FLOOR PLAN FOR AUTO-OFF TIME DELAYS AND ADDITIONAL OPERATION/PROGRAMMING REQUIREMENTS.
01	CEILING	CEILING MOUNTED OCCUPANCY SENSOR (AUTO ON/AUTO OFF). OCCUPANCY SENSOR SHALL BE DUAL TECHNOLOGY (PIR AND ULTRASONIC). CLASS 2 OPERATION WITH VOLTAGES 20 - 24 VOLTS DC. SENSOR SHALL HAVE A 360 DEGREES FIELD-OF-VIEW WITH UP TO 2000 SQUARE FEET MOTION COVERAGE AT 8 TO 12 FEET MOUNTING HEIGHT. TEMPERATURE RANGE OF 0 DEGREES C TO 40 DEGREES C. MAXIMUM 90% RELATIVE HUMIDITY. REFER TO THE "LIGHTING CONTROLS" ON EACH LIGHTING FLOOR PLAN FOR AUTO-OFF TIME DELAYS AND ADDITIONAL OPERATION/PROGRAMMING REQUIREMENTS. PROVIDE WITH MANUFACTURER REQUIRED POWER PACKS.

LIGHTING SENSOR AND SWITCH SCHEDULE NOTES:

- BASIS OF DESIGN: ALL LIGHTING CONTROLS SHALL BE PROVIDED WITH "WIRED" DEVICES, NO WIRELESS DEVICES.
- ALL OCCUPANCY AND VACANCY SENSORS SHALL BE DUAL TECHNOLOGY (PIR AND ULTRASONIC).
- DEVICE FINISHES SHALL BE AS OUTLINED IN THE SPECIFICATIONS.
- EXACT LOCATIONS OF ALL SENSORS SHALL BE AS RECOMMENDED BY MANUFACTURER.
- ALL OCCUPANCY/VACANCY SENSOR TIME DELAYS SHALL BE 15 MINUTES, UNLESS NOTED OTHERWISE.
- PROVIDE ALL LOW-VOLTAGE WIRING NEEDED FOR A FULLY OPERATIONAL SYSTEM (CAT SE. 0-10V VIOLET-AND-GRAY, ANY OTHER MANUFACTURER-RECOMMENDED CABLING, PLENUM-RATED WHERE IN AIR HANDLING SPACES, IN DEDICATED CONDUIT SYSTEM WHERE NOT ABOVE ACCESSIBLE CEILINGS, IN DEDICATED SLEEVES WHERE PENETRATING PARTITIONS).
- FOR CATSE "PLUG-AND-PLAY" SYSTEMS, AT LEAST ONE WALL SWITCH IN EACH ROOM SHALL HAVE AN OPEN CATSE PORT (SO THAT THERE IS AN EASILY ACCESSIBLE OPEN PORT).
- PROVIDE ALL PROGRAMMING NEEDED TO SET UP SENSORS, POWER PACKS AND LOW-VOLTAGE SWITCHES PRIOR TO SUBSTANTIAL COMPLETION. LOW-VOLTAGE CONTROLS (SENSORS, SCENES AND SWITCHES) SHALL BE USER-CONFIGURABLE EITHER VIA A MOBILE APP OR HANDHELD REMOTE CONTROLS - PROVIDE ONE OF EACH DEVICE REQUIRED FOR USER-CONFIGURATION AFTER INITIAL SETUP.
- ALL MANUAL CONTROL MOUNTING HEIGHTS SHALL BE 48" AFF TO THE TOP. LOAD CONTROLLERS SHALL BE LOCATED ABOVE THE NEAREST ACCESSIBLE CEILING (PLENUM-RATED WHERE IN AIR HANDLING SPACES).
- PROVIDE LOAD CONTROLLERS IN QUANTITIES NEEDED TO SERVE THE NUMBER OF ZONES INDICATED ON THE DRAWINGS. ROOMS MAY SHARE LOAD CONTROLLERS IF THERE ARE SUFFICIENT OUTPUTS AND IF ROOMS CAN STILL OPERATE INDEPENDENTLY OF ONE ANOTHER. LOAD CONTROLLERS SHALL BE THE DIMMING TYPE WITH 0-10V WIRING IN ROOMS WHERE SWITCHES ARE THE DIMMING TYPE OR WHERE PHOTSENSORS ARE PRESENT.
- LOW-VOLTAGE CONTROL WIRING (INCLUDING 0-10V) MUST BE INSTALLED AS CLASS 2 CIRCUITS, IN FULL COMPLIANCE WITH NEC 725.136. LOW-VOLTAGE WIRING CANNOT SHARE THE SAME RACEWAY WITH LINE-VOLTAGE WIRING EXCEPT UNDER THE CONDITIONS LISTED IN NEC 725.136(I).
- SEE SPECIFICATIONS FOR MORE DETAILS. SUBMIT SHOP DRAWINGS OF ALL LIGHTING CONTROL DEVICES.

L P A

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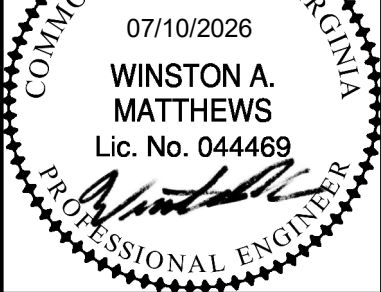
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING ELECTRICAL LIGHTING FIXTURE AND LIGHTING CONTROLS SCHEDULES

SHEET

E-005

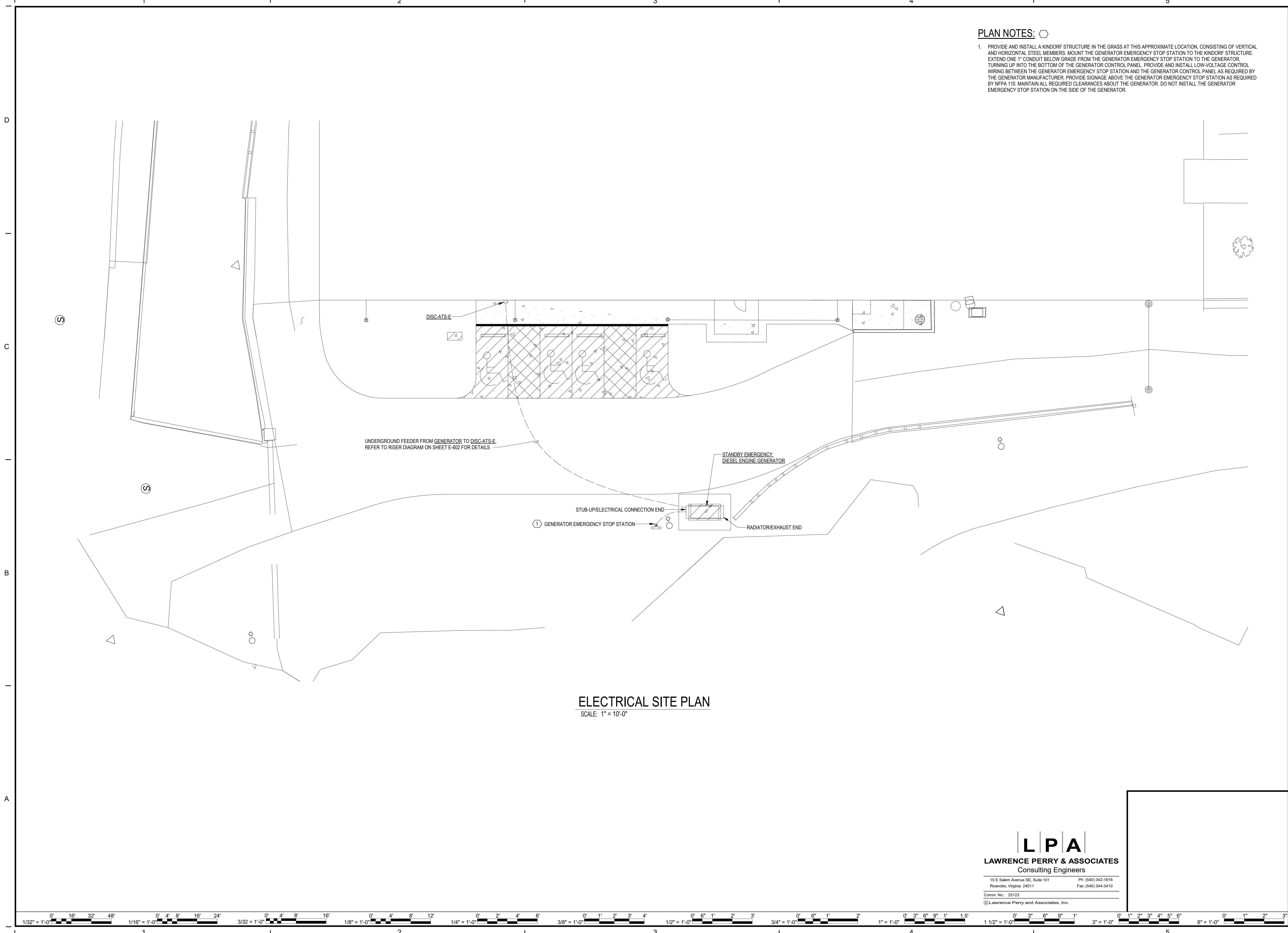
DATE 07-10-2026
PROJECT 25117-01
DESIGNED MDW
DRAWN DMK
CHECKED WAM



MARK DATE
BY DES
REVISIONS

Autodesk Docs://25117-01 Albert Harris ES/25123 - AHES PATHS - ELEC - R26.rvt

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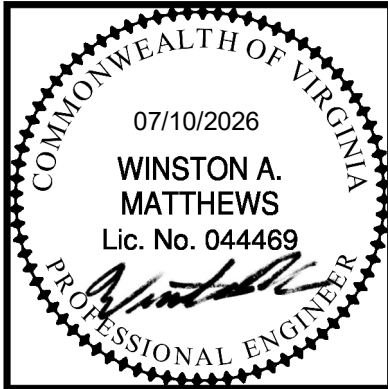
PLAN NOTES:

1. PROVIDE AND INSTALL A KINDORF STRUCTURE IN THE GRASS AT THIS APPROXIMATE LOCATION, CONSISTING OF VERTICAL AND HORIZONTAL STEEL MEMBERS. MOUNT THE GENERATOR EMERGENCY STOP STATION TO THE KINDORF STRUCTURE. EXTEND ONE 1" CONDUIT BELOW GRADE FROM THE GENERATOR EMERGENCY STOP STATION TO THE GENERATOR, TURNING UP INTO THE BOTTOM OF THE GENERATOR CONTROL PANEL. PROVIDE AND INSTALL LOW-VOLTAGE CONTROL WIRING BETWEEN THE GENERATOR EMERGENCY STOP STATION AND THE GENERATOR CONTROL PANEL AS REQUIRED BY THE GENERATOR MANUFACTURER. PROVIDE SIGNAGE ABOVE THE GENERATOR EMERGENCY STOP STATION AS REQUIRED BY NFPA 110. MAINTAIN ALL REQUIRED CLEARANCES ABOUT THE GENERATOR. DO NOT INSTALL THE GENERATOR EMERGENCY STOP STATION ON THE SIDE OF THE GENERATOR.

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
07-10-2026	25117-01	MDW	DMK	WAM



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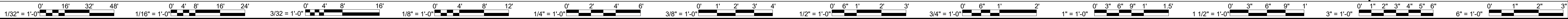


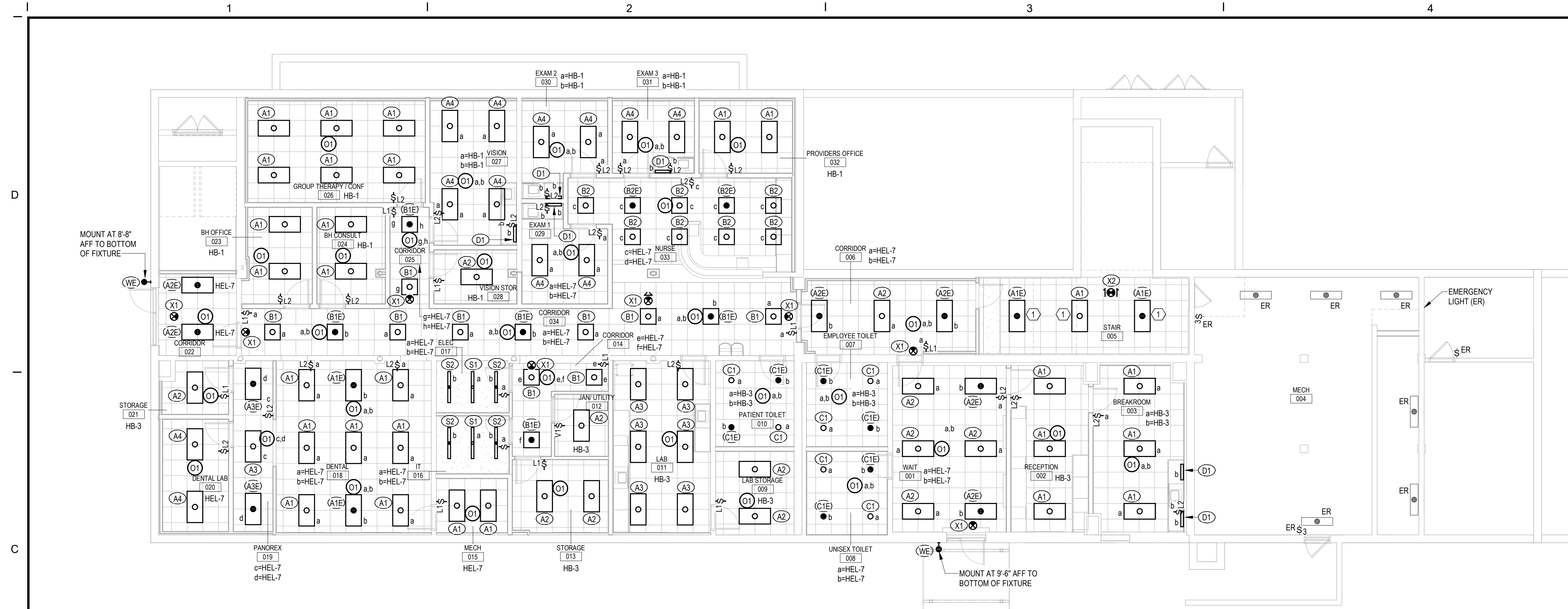
PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING ELECTRICAL SITE PLAN

SHEET
E-101

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LOWER LEVEL FLOOR PLAN - LIGHTING

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

LIGHTING CONTROLS - SEQUENCE OF OPERATIONS (ROOM BY ROOM):

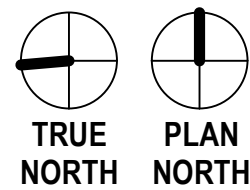
- LAB 011, BH OFFICE 023, BH CONSULT 024, PROVIDERS OFFICE 032:**
- A. GENERAL LIGHTS: THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVELS WHEN ENTERING THE ROOM. THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF/RAISED/DIMMED VIA THE S/L2 WALL DIMMER.
- B. AUTOMATIC CONTROLLED RECEPTACLES: THE CONTROLLED RECEPTACLES, INDICATED WITH A "C" LABEL ON SHEET E-201, IN THIS SPACE SHALL BE CONTROLLED BY CEILING MOUNTED LOW-VOLTAGE OCCUPANCY SENSORS (SAME SENSORS AS FOR THE LIGHT FIXTURES). THE CONTROLLED RECEPTACLES SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE CONTROLLED RECEPTACLES SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. CONTRACTOR TO PROVIDE A LOAD CONTROL RELAY FOR THE CIRCUIT TO THE CONTROLLED RECEPTACLES.
2. DENTAL LAB 020, RECEPTION 002:
- A. GENERAL LIGHTS: THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVELS WHEN ENTERING THE ROOM. THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF/RAISED/DIMMED VIA THE S/L2 WALL DIMMER.
3. VISION 027, EXAM 1 029, EXAM 2 030, EXAM 3 031:
- A. GENERAL LIGHTS: THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVELS WHEN ENTERING THE ROOM. THE "a" AND "b" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE "a" AND "b" LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF/RAISED/DIMMED VIA THE S/L2 WALL DIMMER.
4. BREAKROOM 003:
- A. GENERAL LIGHTS: THE "a" AND "b" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVELS WHEN ENTERING THE ROOM. THE "a" AND "b" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE "a" AND "b" LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF/RAISED/DIMMED VIA THE S/L2 WALL DIMMER.
- B. AUTOMATIC CONTROLLED RECEPTACLES: THE CONTROLLED RECEPTACLES, INDICATED WITH A "C" LABEL ON SHEET E-201, IN THIS SPACE SHALL BE CONTROLLED BY CEILING MOUNTED LOW-VOLTAGE OCCUPANCY SENSORS (SAME SENSORS AS FOR THE LIGHT FIXTURES). THE CONTROLLED RECEPTACLES SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE CONTROLLED RECEPTACLES SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. CONTRACTOR TO PROVIDE A LOAD CONTROL RELAY FOR THE CIRCUIT TO THE CONTROLLED RECEPTACLES.
5. LAB STORAGE 009, STORAGE 013, MECH 015, STORAGE 021, VISION STOR 028:
- A. GENERAL LIGHTS: THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF VIA THE S/L1 WALL SWITCH.
6. ELEC 017, IT 016:
- A. GENERAL LIGHTS: THE "a" LIGHT FIXTURE IN THIS ROOM WILL HAVE TO BE MANUALLY TURNED "ON/OFF" VIA THE S TOGGLE WALL SWITCH.
- B. EMERGENCY EGRESS LIGHTS: THE "b" EMERGENCY EGRESS LIGHT FIXTURE SHALL AUTOMATICALLY TURN ON VIA THE INTEGRAL OCCUPANCY SENSOR IN THE TYPE D2S LIGHT FIXTURES. THE "b" EMERGENCY EGRESS LIGHT FIXTURE SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE "b" EMERGENCY EGRESS LIGHT FIXTURE CAN ONLY BE TURNED ON/OFF VIA THE INTEGRAL OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROL FOR THE EMERGENCY EGRESS LIGHT FIXTURE.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES.
7. EMPLOYEE TOILET 007, UNISEX TOILET 008, PATIENT TOILET 010:
- A. GENERAL LIGHTS: THE "a" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE "a" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE GENERAL LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE LIGHT FIXTURES.
- B. EMERGENCY EGRESS LIGHTS: THE "b" EMERGENCY EGRESS LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE "b" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE EMERGENCY EGRESS LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE EMERGENCY EGRESS LIGHT FIXTURES.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES.
8. JANUILITY 012:
- A. GENERAL LIGHTS: THE LIGHT FIXTURE(S) WILL HAVE TO BE MANUALLY TURNED ON WHEN ENTERING THE ROOM. THE LIGHT FIXTURE(S) WILL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 5 MINUTES. THE LIGHT FIXTURE(S) CAN BE MANUALLY TURNED ON/OFF VIA THE S/V1 COMBINATION VACANCY SENSOR/SWITCH.
9. DENTAL 018, WAIT 002:
- A. GENERAL LIGHTS: THE "a" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVELS WHEN ENTERING THE ROOM. THE "a" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE "a" LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF/RAISED/DIMMED VIA THE S/L2 WALL DIMMER.
- B. EMERGENCY EGRESS LIGHTS: THE "b" EMERGENCY EGRESS LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE "b" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE EMERGENCY EGRESS LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE EMERGENCY EGRESS LIGHT FIXTURES.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES.
10. PANOREX 019, NURSE 033:
- A. GENERAL LIGHTS: THE "c" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON TO 50% LIGHT LEVELS WHEN ENTERING THE ROOM. THE "c" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR(S) TO 15 MINUTES. THE "c" LIGHT FIXTURE(S) CAN MANUALLY BE TURNED ON/OFF/RAISED/DIMMED VIA THE S/L2 WALL DIMMER.
- B. EMERGENCY EGRESS LIGHTS: THE "b" EMERGENCY EGRESS LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE ROOM. THE "b" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE EMERGENCY EGRESS LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE EMERGENCY EGRESS LIGHT FIXTURES.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES.
11. CORRIDOR 014, 025, AND 034:
- A. GENERAL LIGHTS: THE "a", "b", AND "g" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE SPACE. THE "a", "b", AND "g" LIGHT FIXTURE(S) WILL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE "a", "b", AND "g" LIGHT FIXTURES CAN BE TURNED ON/OFF VIA THE S/L1 WALL SWITCH.
- B. CORRIDOR EMERGENCY EGRESS LIGHTS: THE "b", "f", AND "h" EMERGENCY EGRESS LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE SPACE. THE "b", "f", AND "h" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE "b", "f", AND "h" EMERGENCY EGRESS LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE EMERGENCY EGRESS LIGHT FIXTURES.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES.
12. CORRIDOR 006:
- A. GENERAL LIGHTS: THE "a", "b", AND "g" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE SPACE. THE "a", "b", AND "g" LIGHT FIXTURE(S) WILL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES, UNLESS MANUALLY TURNED OFF. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE "a", "b", AND "g" LIGHT FIXTURES CAN BE TURNED ON/OFF VIA THE S/L1 WALL SWITCH.
- B. CORRIDOR EMERGENCY EGRESS LIGHTS: THE "b", "f", AND "h" EMERGENCY EGRESS LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN ON WHEN ENTERING THE SPACE. THE "b", "f", AND "h" LIGHT FIXTURE(S) SHALL AUTOMATICALLY TURN OFF WHEN THE ROOM IS VACANT FOR 15 MINUTES. SET THE TIME DELAY ON THE OCCUPANCY SENSOR TO 15 MINUTES. THE "b", "f", AND "h" EMERGENCY EGRESS LIGHT FIXTURES CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE EMERGENCY EGRESS LIGHT FIXTURES.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES.
13. CORRIDOR 022:
- A. CORRIDOR EMERGENCY EGRESS LIGHTS: THE EMERGENCY EGRESS LIGHT FIXTURE(S) CAN ONLY BE TURNED ON/OFF VIA THE CEILING MOUNTED OCCUPANCY SENSOR, NO LOW-VOLTAGE WALL CONTROLS FOR THESE EMERGENCY EGRESS LIGHT FIXTURES.
- a. PROVIDE A UL924 AUTOMATIC LOAD CONTROL RELAY FOR THE EMERGENCY EGRESS LIGHTING FIXTURES. WIRE SO THAT THE SENSING CIRCUIT IS CONNECTED TO THE NEAREST NORMAL POWER LIGHTING CIRCUIT VIA THE HOMERUN (AHEAD OF ANY CONTROLS); IF THE NORMAL POWER CIRCUIT IS LOST THE EMERGENCY EGRESS LIGHT FIXTURES WILL AUTOMATICALLY TURN ON OVERRIDING ANY OCCUPANCY SENSOR CONTROLS TO THE EMERGENCY EGRESS LIGHT FIXTURES

GENERAL NOTES:

1. DIRECTLY CONNECT THE NEW EXIT SIGNS SHOWN ON THIS PLAN TO CIRCUIT HEL-7 AHEAD OF ALL LIGHTING CONTROLS, EXCEPT DIRECTLY CONNECT THE NEW EXIT SIGN IN STAIR 005 TO CIRCUIT HB-7 AHEAD OF ALL LIGHTING CONTROLS.

PLAN NOTES:

1. CONNECT NEW LIGHT FIXTURE TO EXISTING CIRCUIT 7 IN PANEL HB. CONNECT NEW LIGHT FIXTURE TO EXISTING LIGHTING CONTROLS IN THIS SPACE.



KEY PLAN
NOT TO SCALE

KEY PLAN
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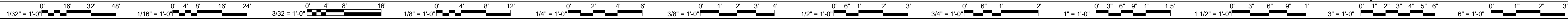
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PATHS CLINIC
7710 SMITH STREET
MARTINSVILLE, VA 24112

DRAWING LOWER LEVEL FLOOR PLAN - LIGHTING

SHEET

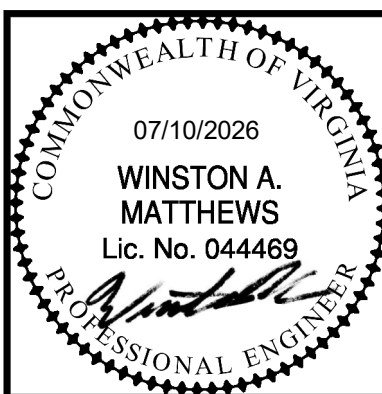
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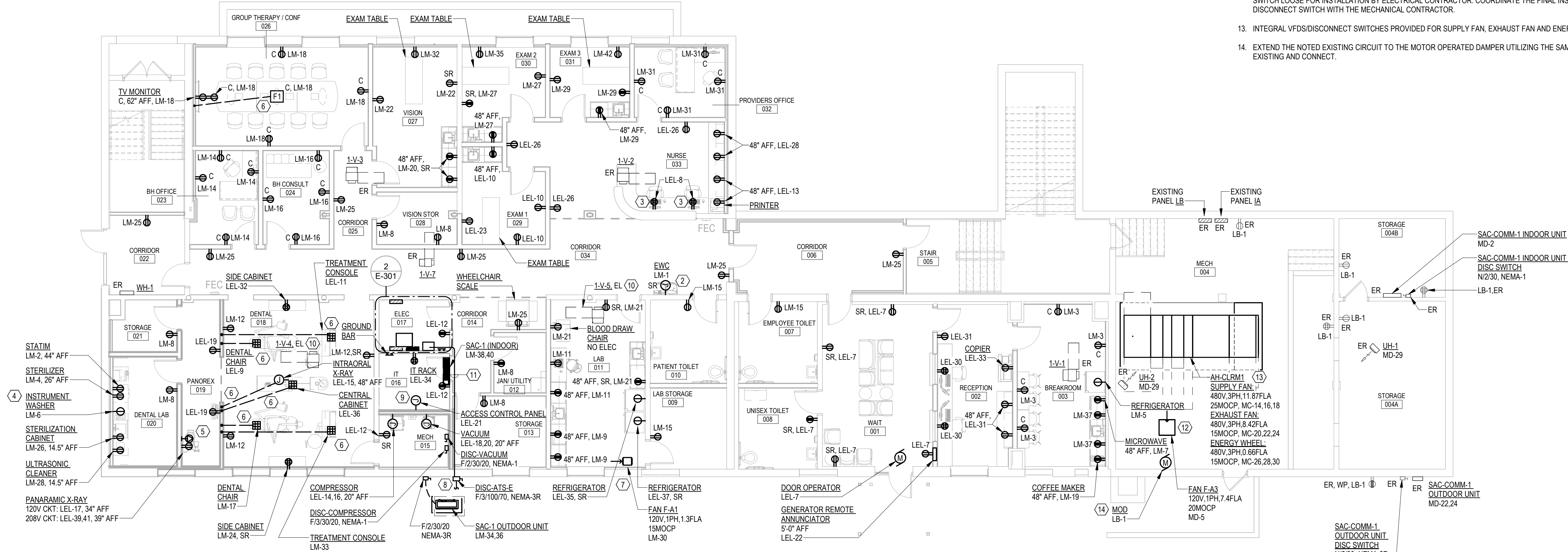
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PROJECT	25117-01
DESIGNED	MDW
DRAWN	DMK
CHECKED	WAM



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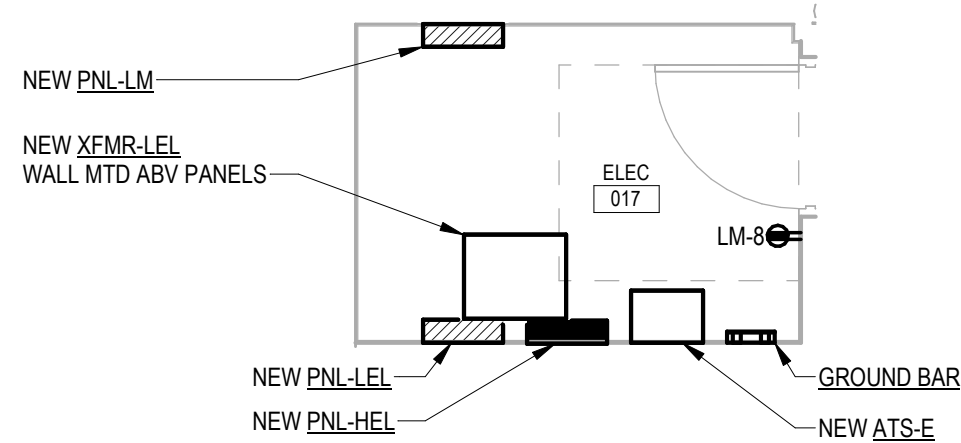


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LOWER LEVEL FLOOR PLAN - POWER

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

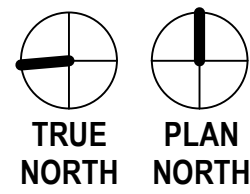


ENLARGED ELEC 017 PLAN

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

PLAN NOTES:

- DUPLEX RECEPTACLE IN THE FLOOR BOX OR WALL MOUNTED LABELED WITH A "C" IS A SPLIT WIRED CONTROLLED RECEPTACLE WHERE THE TOP HALF OF THE RECEPTACLE IS CONTROLLED AND THE BOTTOM HALF OF THE RECEPTACLE IS UNCONTROLLED. THE TOP CONTROLLED RECEPTACLE SHALL BE POWERED THROUGH A PLUG LOAD CONTROL POWER PACK, CONNECTED TO THE CIRCUIT INDICATED, AND CONTROLLED BY THE LOW-VOLTAGE OCCUPANCY SENSOR IN THE CEILING. UTILIZE THE SAME LOW-VOLTAGE OCCUPANCY SENSOR THAT CONTROLS THE LIGHT FIXTURES IN THE ROOM. REFER TO SHEET E101 FOR LIGHTING CONTROLS.
- COORDINATE WITH THE ELECTRIC WATER COOLER (EWC) INSTALLER AND THE APPROVED EWC SUBMITTAL FOR THE FINAL ROUGH-IN LOCATION AND REQUIREMENTS. PROVIDE A RECEPTACLE WHERE THE EWC IS PROVIDED WITH A CORD-&-PLUG. PROVIDE A DIRECT CONNECTION WHERE THE EWC IS NOT PROVIDED WITH CORD-&-PLUG. CIRCUIT BREAKER IN PANEL IS SPECIFIED TO BE GROUND FAULT CIRCUIT INTERRUPTER PROTECTED, SO A GROUND FAULT RECEPTACLE AT THE EWC IS NOT REQUIRED.
- COORDINATE INSTALLATION OF DEVICE BOXES IN CASEWORK WITH CASEWORK MANUFACTURER/SUPPLIER. COORDINATE ROUTING OF CONDUIT TO AND BETWEEN DEVICE BOXES INSTALLED WITHIN CASEWORK WITH CASEWORK MANUFACTURER/SUPPLIER. CONDUIT SHALL BE ROUTED CONCEALED WITHIN CASEWORK.
- MATCH RECEPTACLE TO PLUG PROVIDED WITH EQUIPMENT.
- CONFIRM NEMA TYPE WITH PLUG PROVIDED WITH EQUIPMENT.
- CUT THE EXISTING FLOOR SLAB AND ROUTE THE INDICATED CIRCUIT BELOW SLAB TO THE NEW WALL AS SHOWN. TURN THE CIRCUIT UP AT THE NEW WALL AND ROUTE THE CIRCUIT CONCEALED WITHIN THE NEW WALL TO ABOVE THE ACCESSIBLE CEILING. ONCE THE UNDER SLAB CIRCUIT HAS BEEN RUN, THE EXISTING FLOOR SLAB SHALL BE PATCHED AND FINISHED TO MATCH THE SURROUNDING FLOOR SLAB.
- NEW FAN PROVIDED WITH NEMA-1, FUSED, HEAVY DUTY DISCONNECT SWITCH WITH AUXILIARY CONTACT LOOSE FOR INSTALLATION BY ELECTRICAL CONTRACTOR. COORDINATE THE FINAL INSTALLATION LOCATION OF THE DISCONNECT SWITCH WITH THE MECHANICAL CONTRACTOR.
- REFER TO ELECTRICAL SITE PLAN ON SHEET E-101 FOR CONTINUATION OF UNDERGROUND FEEDER FROM GENERATOR.
- COORDINATE INSTALLATION LOCATION AND MOUNTING HEIGHT OF JUNCTION BOX WITH INSTALLER OF ACCESS CONTROL PANEL.
- EXISTING VAV BOX IS BEING REMOVED AND RELOCATED BY THE MECHANICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL EXTEND THE EXISTING 120V CIRCUIT TO THE RELOCATED VAV BOX UTILIZING THE SAME SIZE CONDUIT AND WIRE AS EXISTING AND RECONNECT.
- THE FEEDER FROM DISC-ATS-E TO ATS-E SHALL PENETRATE THROUGH THE EXTERIOR WALL AT A HEIGHT ABOVE THE NEW STORAGE 013 ACCESSIBLE CEILING (NEW STORAGE 013 ACCESSIBLE CEILING PLANNED AT A HEIGHT OF 8'-10" ABOVE THE LOWER LEVEL FINISHED FLOOR). THE FEEDER SHALL BE ROUTED OVERHEAD, ABOVE THE STORAGE 013 ACCESSIBLE CEILING AND ABOVE THE CORRIDOR 014 ACCESSIBLE CEILING (ALSO PLANNED AT A HEIGHT OF 8'-10" ABOVE THE LOWER LEVEL FINISHED FLOOR), TO THE 'EMERGENCY' LUGS OF ATS-E LOCATED IN ELEC 017.
- EXTEND EXISTING CIRCUIT MD-5 RETAINED DURING DEMOLITION TO NEW FAN F-A3 AND CONNECT PER MANUFACTURER INSTRUCTIONS. CIRCUIT SHALL BE EXTENDED UTILIZING THE SAME SIZE CONDUIT AND WIRE AS EXISTING. REFER TO DEMOLITION PLAN ED100 FOR FURTHER DETAILS. NEW FAN PROVIDED WITH NEMA-1, FUSED, HEAVY DUTY DISCONNECT SWITCH LOOSE FOR INSTALLATION BY ELECTRICAL CONTRACTOR. COORDINATE THE FINAL INSTALLATION LOCATION OF THE DISCONNECT SWITCH WITH THE MECHANICAL CONTRACTOR.
- INTEGRAL VFDS/DISCONNECT SWITCHES PROVIDED FOR SUPPLY FAN, EXHAUST FAN AND ENERGY WHEEL CIRCUITS.
- EXTEND THE NOTED EXISTING CIRCUIT TO THE MOTOR OPERATED DAMPER UTILIZING THE SAME SIZE CONDUIT AND WIRE AS EXISTING AND CONNECT.



KEY PLAN
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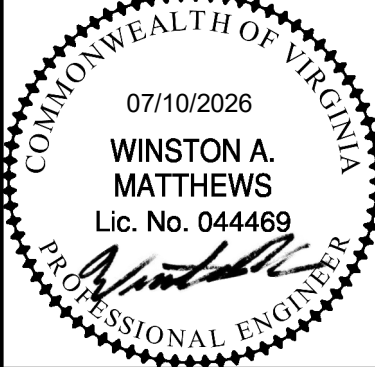
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PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LOWER LEVEL FLOOR PLAN - POWER

SHEET
E-301

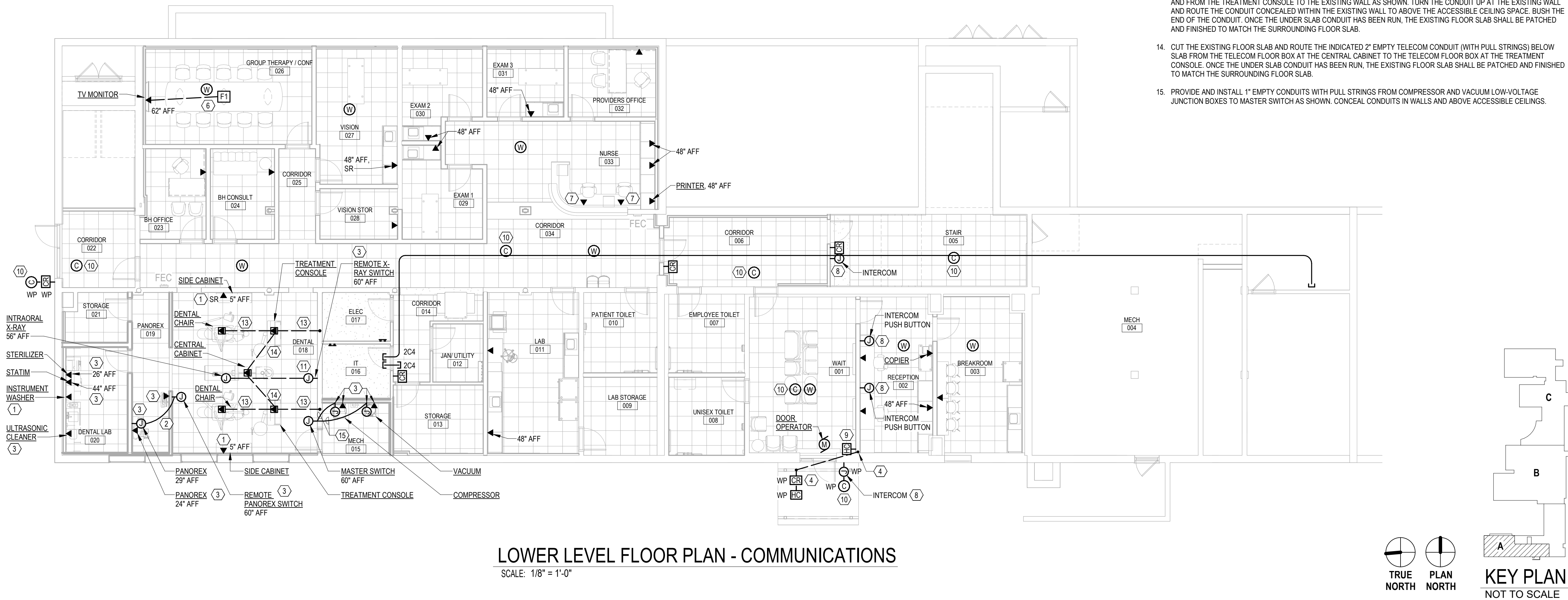


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LOWER LEVEL FLOOR PLAN - COMMUNICATIONS
SCALE: 1/8" = 1'-0"

PLAN NOTES:

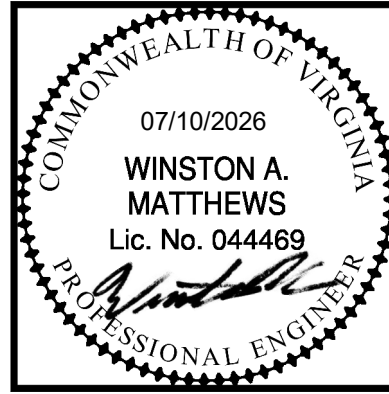
- PROVIDE AND INSTALL 2" EMPTY CONDUIT WITH PULL STRINGS FROM TELECOM DEVICE BOX CONCEALED WITHIN WALL AND TURN UP INTO ACCESSIBLE CEILING SPACE. BUSH END OF CONDUIT.
- PROVIDE AND INSTALL 1" EMPTY CONDUIT WITH PULL STRINGS FROM REMOTE PANOREX SWITCH TO PANOREX LOW-VOLTAGE JUNCTION BOX AS SHOWN. CONCEAL CONDUIT IN WALLS AND ABOVE ACCESSIBLE CEILINGS.
- PROVIDE AND INSTALL 1" EMPTY CONDUIT WITH PULL STRINGS FROM TELECOM DEVICE BOX CONCEALED WITHIN WALL AND TURN UP INTO ACCESSIBLE CEILING SPACE. BUSH END OF CONDUIT.
- PROVIDE AND INSTALL AN EMPTY 1" UNDERGROUND CONDUIT PATHWAY FROM THE LOCATION OF THE PEDESTAL-MOUNTED HANDICAPPED DOOR OPERATOR PADDLE SWITCH AND CARD READER TO THE NEW INTERIOR WALL, AS SHOWN. COORDINATE THE LOCATION AT WHICH TO TURN UP THE CONDUIT AT THE OUTDOOR PEDESTAL. AT THE NEW INTERIOR WALL, RUN THE CONDUIT VERTICALLY CONCEALED WITHIN THE NEW WALL AND TURN THE CONDUIT OUT ABOVE THE ACCESSIBLE CEILING IN WAIT 001. ROUTE THE CONDUIT ABOVE THE ACCESSIBLE CEILING TO THE DOOR OPERATOR LOCATION. THIS EMPTY CONDUIT SHALL BE PROVIDED WITH PULL STRINGS AND SHALL BE USED BY OTHERS TO INSTALL LOW-VOLTAGE CABLING BETWEEN THE DOOR OPERATOR AND THE HANDICAPPED DOOR OPERATOR PADDLE SWITCH AND CARD READER AT THE PEDESTAL.
- PROVIDE AND INSTALL TWO (2) 4" EMPTY CONDUITS WITH PULL STRINGS FROM THE EXISTING TELECOM EQUIPMENT ROOM TO IT ROOM 016.
- CUT THE EXISTING FLOOR SLAB AND ROUTE THE INDICATED 1" EMPTY TELECOM CONDUIT (WITH PULL STRINGS) BELOW SLAB FROM THE TELECOM COMPARTMENT OF THE FLOOR BOX TO THE NEW WALL AS SHOWN. TURN THE CONDUIT UP AT THE NEW WALL AND ROUTE THE CONDUIT CONCEALED WITHIN THE NEW WALL TO THE TV MONITOR TELECOM BOX. ONCE THE UNDER SLAB CONDUIT HAS BEEN RUN, THE EXISTING FLOOR SLAB SHALL BE PATCHED AND FINISHED TO MATCH THE SURROUNDING FLOOR SLAB.
- COORDINATE INSTALLATION OF DEVICE BOXES IN CASEWORK WITH CASEWORK MANUFACTURER/SUPPLIER. COORDINATE ROUTING OF CONDUIT TO AND BETWEEN DEVICE BOXES INSTALLED WITHIN CASEWORK WITH CASEWORK MANUFACTURER/SUPPLIER. CONDUIT SHALL BE ROUTED CONCEALED WITHIN CASEWORK.
- COORDINATE WITH THE OWNER AND LOW-VOLTAGE CONTRACTOR FOR THE REQUIRED ROUGH-INS (BOXES AND CONDUITS) TO PROVIDE AND INSTALL AT THESE LOCATIONS FOR THE INTERCOM SPEAKERS AND REMOTE PUSH BUTTONS. COORDINATE THE FINAL INSTALLATION LOCATIONS OF THE ROUGH-INS WITH THE OWNER AND LOW-VOLTAGE CONTRACTOR (4'-0" AFF, UNO).
- AT THE NEW INTERIOR WALL, PROVIDE AND INSTALL AN EMPTY 1" CONDUIT VERTICALLY CONCEALED WITHIN THE NEW WALL FROM THE HANDICAPPED DOOR OPERATOR PADDLE SWITCH AND TURN THE CONDUIT OUT ABOVE THE ACCESSIBLE CEILING IN WAIT 001. ROUTE THE CONDUIT ABOVE THE ACCESSIBLE CEILING TO THE DOOR OPERATOR LOCATION. THIS EMPTY CONDUIT SHALL BE PROVIDED WITH PULL STRINGS AND SHALL BE USED BY OTHERS TO INSTALL LOW-VOLTAGE CABLING BETWEEN THE DOOR OPERATOR AND THE HANDICAPPED DOOR OPERATOR PADDLE SWITCH.
- COORDINATE FINAL LOCATION WITH OWNER.
- CUT THE EXISTING FLOOR SLAB AND ROUTE THE INDICATED 1" EMPTY TELECOM CONDUIT (WITH PULL STRINGS) BELOW SLAB FROM THE INTRAORAL X-RAY TO THE REMOTE X-RAY SWITCH AS SHOWN. ONCE THE UNDER SLAB CONDUIT HAS BEEN RUN, THE EXISTING FLOOR SLAB SHALL BE PATCHED AND FINISHED TO MATCH THE SURROUNDING FLOOR SLAB.
- PROVIDE AND INSTALL 1" CONDUIT FROM MASTER SWITCH TO COMPRESSOR AND VACUUM. CONCEAL CONDUIT IN WALLS AND ABOVE ACCESSIBLE CEILINGS.
- CUT THE EXISTING FLOOR SLAB AND ROUTE THE INDICATED 2" EMPTY TELECOM CONDUIT (WITH PULL STRINGS) BELOW SLAB FROM THE TELECOM FLOOR BOX AT THE CENTRAL CABINET TO THE TELECOM FLOOR BOX AT THE TREATMENT CONSOLE AND FROM THE TREATMENT CONSOLE TO THE EXISTING WALL AS SHOWN. TURN THE CONDUIT UP AT THE EXISTING WALL AND ROUTE THE CONDUIT CONCEALED WITHIN THE EXISTING WALL TO ABOVE THE ACCESSIBLE CEILING SPACE. BUSH THE END OF THE CONDUIT. ONCE THE UNDER SLAB CONDUIT HAS BEEN RUN, THE EXISTING FLOOR SLAB SHALL BE PATCHED AND FINISHED TO MATCH THE SURROUNDING FLOOR SLAB.
- CUT THE EXISTING FLOOR SLAB AND ROUTE THE INDICATED 2" EMPTY TELECOM CONDUIT (WITH PULL STRINGS) BELOW SLAB FROM THE TELECOM FLOOR BOX AT THE CENTRAL CABINET TO THE TELECOM FLOOR BOX AT THE TREATMENT CONSOLE. ONCE THE UNDER SLAB CONDUIT HAS BEEN RUN, THE EXISTING FLOOR SLAB SHALL BE PATCHED AND FINISHED TO MATCH THE SURROUNDING FLOOR SLAB.
- PROVIDE AND INSTALL 1" EMPTY CONDUITS WITH PULL STRINGS FROM COMPRESSOR AND VACUUM LOW-VOLTAGE JUNCTION BOXES TO MASTER SWITCH AS SHOWN. CONCEAL CONDUITS IN WALLS AND ABOVE ACCESSIBLE CEILINGS.

GENERAL NOTES:

- COORDINATE THE FINAL LOCATIONS AND MOUNTING HEIGHTS OF THE TV MONITOR ELECTRICAL ROUGH-INS WITH THE ARCHITECT.
- COORDINATE THE FINAL LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL ROUGH-INS FOR EQUIPMENT IN MECH 015, DENTAL 018, PANOREX 019, AND DENTAL LAB 020 WITH THE ARCHITECT.
- LOW-VOLTAGE CABLING SHALL BE ROUTED BACK TO THE HEAD END EQUIPMENT IN IT ROOM 016. EXISTING LOW-VOLTAGE INFRASTRUCTURE SHALL BE REUSED, INCLUDING BUT NOT LIMITED TO J-HOOKS, D-RINGS AND CONDUIT SLEEVES. AS REQUIRED, DIVISION 26 SHALL PROVIDE AND INSTALL ADDITIONAL LOW-VOLTAGE INFRASTRUCTURE (CONDUIT, CONDUIT SLEEVES, J-HOOKS, D-RINGS, BOXES, ETC.) TO SUPPLEMENT THE EXISTING LOW-VOLTAGE INFRASTRUCTURE. THE MATERIALS FOR THE NEW LOW-VOLTAGE INFRASTRUCTURE SHALL MATCH THE EXISTING MATERIALS. WHERE J-HOOKS AND D-RINGS ARE NOT REQUIRED, CABLING SHALL BE NEATLY AND PROPERLY SUPPORTED FROM THE STRUCTURE (NOT DUCTWORK, PIPING OR CONDUIT) IN SUCH A WAY THAT THEY WILL NOT BE STRAINED AS THE BUILDING SETTLES. COORDINATE WITH ALL TRADES IN THE ACCESSIBLE CEILING SPACE TO INSTALL THE J-HOOKS SO THAT THEY ARE ACCESSIBLE AND THAT THE REQUIRED CLEARANCE IS MAINTAINED AROUND THEM.
- WHERE CABLING MUST PASS THROUGH RATED AND NON-RATED PARTITIONS (SUCH AS FLOORS OR WALLS), PROVIDE AND INSTALL RATED AND NON-RATED CONDUIT SLEEVES SIZED AS REQUIRED AND BUSHED AT BOTH ENDS. CABLING IS NOT ALLOWED TO POKE THROUGH PARTITIONS. NO CONDUIT OR SLEEVE SHALL BE SMALLER THAN 3/4". WHERE NOT USING RATED SLEEVES, PROVIDE SEALANT AROUND THE SLEEVES EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED. COORDINATE THE HEIGHTS ABOVE FINISHED FLOOR OF CONDUIT SLEEVES IN THE FIELD WITH THE ARCHITECT AND OWNER, WITH A MINIMUM HEIGHT OF 8'-6" AFF WHERE EXPOSED.
- DIVISION 26 SHALL PROVIDE CONDUITS AND SLEEVES AS REQUIRED ABOVE HARD CEILINGS.
- UTILIZE THE J-HOOKS AND CONDUIT SLEEVES ABOVE THE ACCESSIBLE CORRIDOR CEILINGS FOR ROUTING CABLING TO THE HEAD END EQUIPMENT ROOM. COORDINATE WITH DIVISION 26 TO PROVIDE ANY ADDITIONAL INFRASTRUCTURE NEEDED TO ROUTE THE CABLING.
- COORDINATE WITH THE OWNER FOR THE FINAL LOCATIONS OF ALL LOW-VOLTAGE ROUGH-INS, PRIOR TO ROUGHING-IN. FOR ALL LOW-VOLTAGE ROUGH-INS ASSOCIATED WITH DENTAL EQUIPMENT, COORDINATE THE FINAL ROUGH-IN LOCATIONS AND REQUIREMENTS WITH THE DENTAL EQUIPMENT PROVIDER/INSTALLER, PRIOR TO ROUGHING-IN.
- COORDINATE WITH OWNER'S LOW-VOLTAGE VENDORS FOR ROUGH-IN REQUIREMENTS (BOXES AND CONDUITS) FOR SECURITY CAMERAS, ACCESS CONTROLS, WIRELESS ACCESS POINTS, DATA CABLING, ETC.
- ALL EMPTY TELECOM CONDUITS SHALL BE PROVIDED WITH PULL STRINGS PER THE SPECIFICATIONS.

PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LOWER LEVEL FLOOR PLAN - COMMUNICATIONS

SHEET
E-401



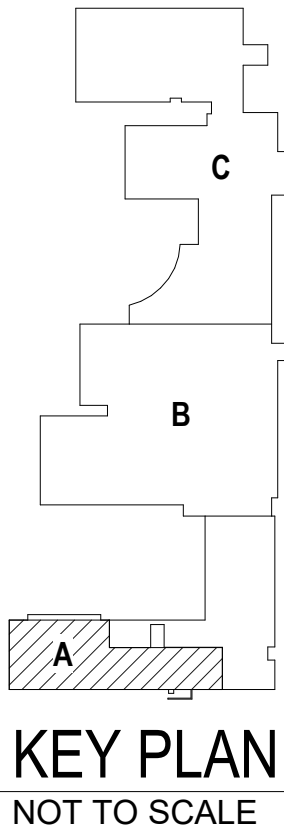
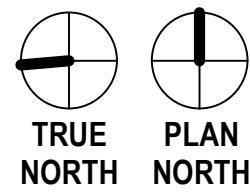
DATE	PROJECT	DESIGNED	DRAWN	CHECKED	MARK	DATE	REVISIONS
07-10-2026	25117-01	MDW	DMK	WAM			
					DES		
					BY		

L P A
LAWRENCE PERRY & ASSOCIATES
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LOWER LEVEL FLOOR PLAN - FIRE ALARM
SCALE: 1/8" = 1'-0"



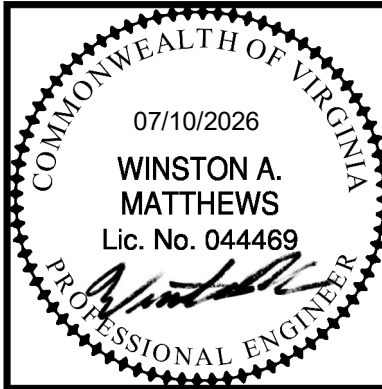
GENERAL NOTES:

1. PROVIDE FIRE ALARM DEVICES AS AN EXTENSION OF THE EXISTING CERBERUS PYROTRONICS HORN/STROBE FIRE ALARM SYSTEM. NEW DEVICES SHALL BE ADDRESSABLE. ADDITIONAL MODULES SHALL BE PROVIDED AS NECESSARY TO ACHIEVE A FULLY ADDRESSABLE AND COMPLETE EXTENSION OF THE EXISTING FIRE ALARM SYSTEM. ALL NEW DEVICES SHALL BE BY THE SAME MANUFACTURER AND SHALL MATCH THE EXISTING FIRE ALARM SYSTEM DEVICES. PROVIDE FIRE ALARM INDICATING APPLIANCES WITH CANDELA RATING MATCHING THE NUMBERS SHOWN ON THE DRAWINGS. PROVIDE A FULL CONDUIT (EMT) SYSTEM DEDICATED FOR FIRE ALARM WIRING. ALL NEW FIRE ALARM WIRING SHALL MATCH EXISTING. PROVIDE ALL COMPONENTS, RELAYS, POWER MODULES, EXTENDER PANELS, ETC. NECESSARY FOR A COMPLETE AND OPERABLE EXTENSION OF THE EXISTING SYSTEM. COORDINATE THE LOCATIONS OF ALL REQUIRED EXTENDER PANELS AND/OR MODULES WITH THE A/E PRIOR TO INSTALLATION. REPROGRAM THE FIRE ALARM CONTROL PANEL AS REQUIRED AFTER INSTALLATION OF THE NEW DEVICES HAS BEEN COMPLETED. PROVIDE ALL TESTING REQUIRED BY THE AUTHORITY HAVING JURISDICTION. SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL.

PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING LOWER LEVEL FLOOR PLAN - FIRE ALARM

SHEET

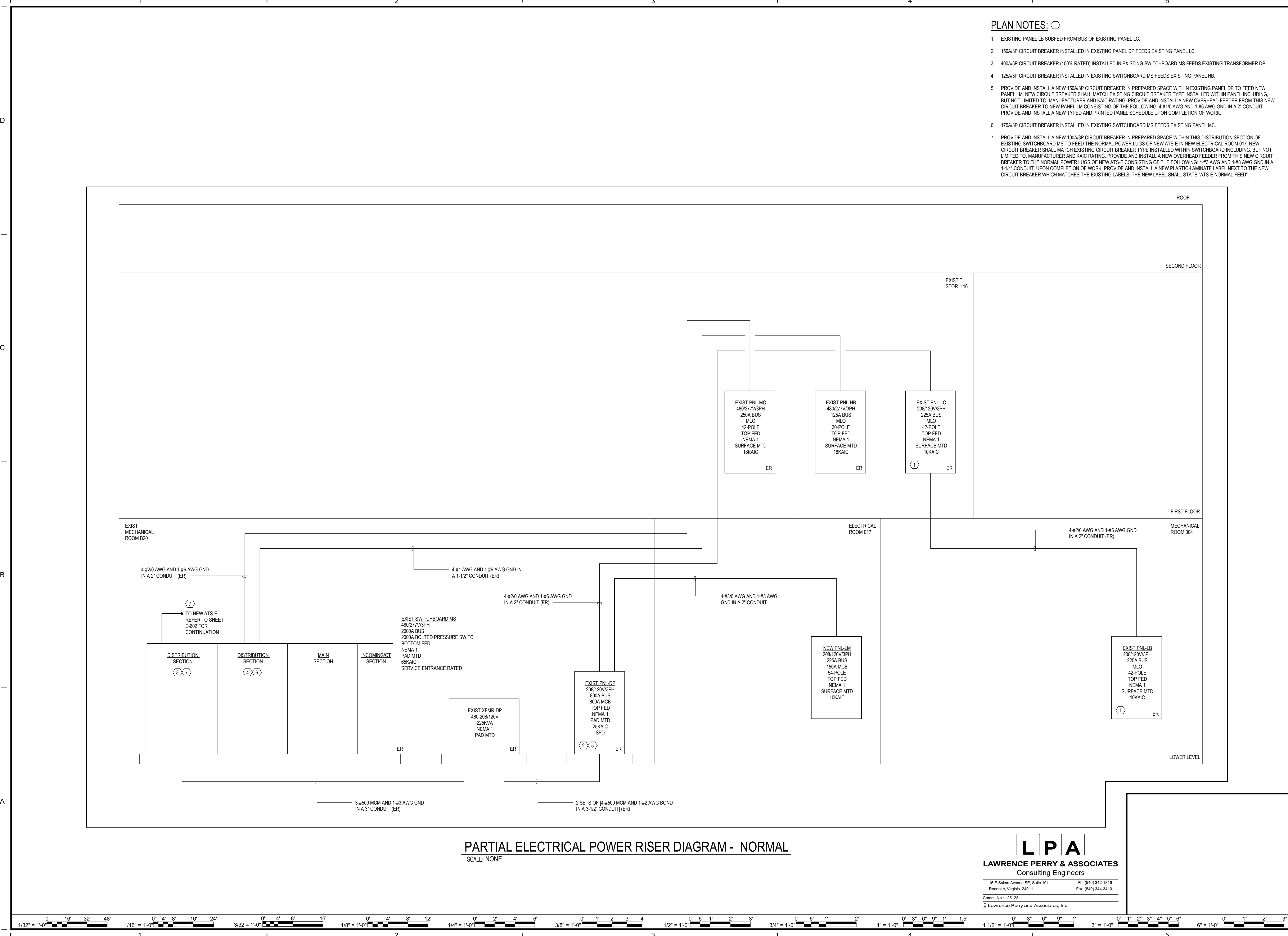
E-501



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			MARK	DATE
			BY	DES
				REVISIONS

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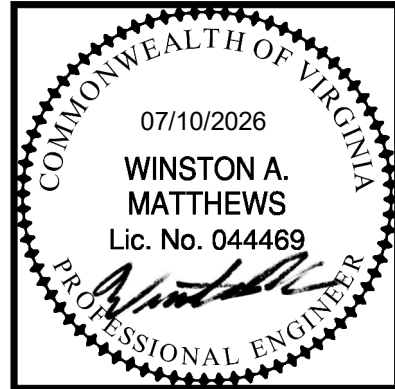
- PLAN NOTES: 
- EXISTING PANEL LB SUBFED FROM BUS OF EXISTING PANEL LC.
 - 150A/3P CIRCUIT BREAKER INSTALLED IN EXISTING PANEL DP FEEDS EXISTING PANEL LC.
 - 400A/3P CIRCUIT BREAKER (100% RATED) INSTALLED IN EXISTING SWITCHBOARD MS FEEDS EXISTING TRANSFORMER DP.
 - 125A/3P CIRCUIT BREAKER INSTALLED IN EXISTING SWITCHBOARD MS FEEDS EXISTING PANEL HB.
 - PROVIDE AND INSTALL A NEW 150A/3P CIRCUIT BREAKER IN PREPARED SPACE WITHIN EXISTING PANEL DP TO FEED NEW PANEL LM. NEW CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKER TYPE INSTALLED WITHIN PANEL INCLUDING, BUT NOT LIMITED TO, MANUFACTURER AND KAIC RATING. PROVIDE AND INSTALL A NEW OVERHEAD FEEDER FROM THIS NEW CIRCUIT BREAKER TO NEW PANEL LM CONSISTING OF THE FOLLOWING: 4-#10 AWG AND 1-#6 AWG GND IN A 2" CONDUIT. PROVIDE AND INSTALL A NEW TYPED AND PRINTED PANEL SCHEDULE UPON COMPLETION OF WORK.
 - 175A/3P CIRCUIT BREAKER INSTALLED IN EXISTING SWITCHBOARD MS FEEDS EXISTING PANEL MC.
 - PROVIDE AND INSTALL A NEW 100A/3P CIRCUIT BREAKER IN PREPARED SPACE WITHIN THIS DISTRIBUTION SECTION OF EXISTING SWITCHBOARD MS TO FEED THE NORMAL POWER LUGS OF NEW ATS-E IN NEW ELECTRICAL ROOM 017. NEW CIRCUIT BREAKER SHALL MATCH EXISTING CIRCUIT BREAKER TYPE INSTALLED WITHIN SWITCHBOARD INCLUDING, BUT NOT LIMITED TO, MANUFACTURER AND KAIC RATING. PROVIDE AND INSTALL A NEW OVERHEAD FEEDER FROM THIS NEW CIRCUIT BREAKER TO THE NORMAL POWER LUGS OF NEW ATS-E CONSISTING OF THE FOLLOWING: 4-#3 AWG AND 1-#8 AWG GND IN A 1-1/4" CONDUIT. UPON COMPLETION OF WORK, PROVIDE AND INSTALL A NEW PLASTIC-LAMINATE LABEL NEXT TO THE NEW CIRCUIT BREAKER WHICH MATCHES THE EXISTING LABELS. THE NEW LABEL SHALL STATE "ATS-E NORMAL FEED".

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DATE	07-10-2026
PROJECT	25117-01
DESIGNED	MDW
DRAWN	DMK
CHECKED	WAM



RRMM[®]
ARCHITECTS, PC
310 1st Street SW Suite 100M
Roanoke, Virginia 24011 C
(540)344-1212



07/10/2026
WINSTON A. MATTHEWS
Lic. No. 044469
PROFESSIONAL ENGINEER

PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112

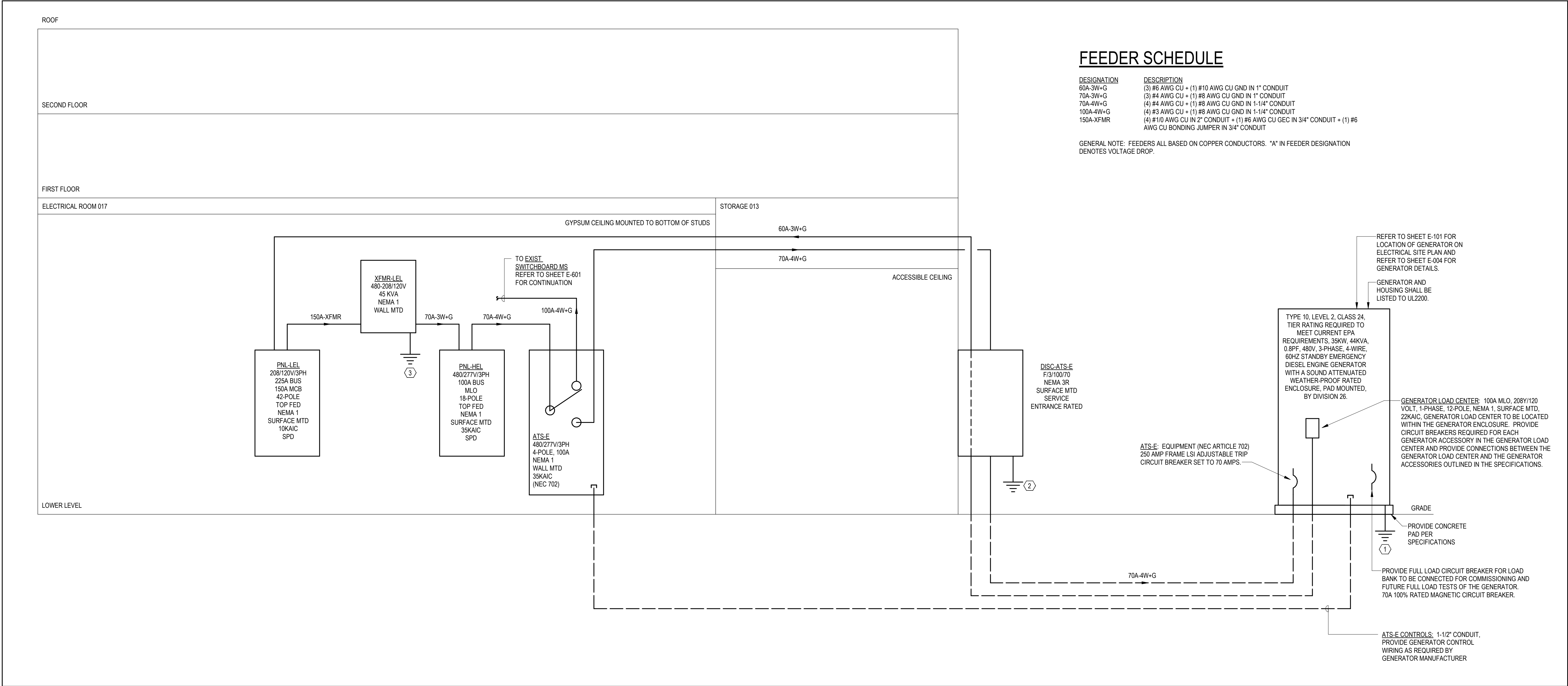
DRAWING **PARTIAL ELECTRICAL POWER RISER DIAGRAM - NORMAL**

SHEET

E-601

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PARTIAL ELECTRICAL POWER RISER DIAGRAM - EMERGENCY
SCALE: NONE

PLAN NOTES:

1. REFER TO SHEET E-004 FOR GENERATOR GROUNDING DETAIL.
2. REFER TO SHEET E-004 FOR ATS & GENERATOR GROUNDING SCHEMATIC.
3. REFER TO SHEET E-003 FOR 3-PHASE DRY-TYPE TRANSFORMER CONNECTION SCHEMATIC.

FEEDER SCHEDULE

DESIGNATION	DESCRIPTION
60A-3W+G	(3) #6 AWG CU + (1) #10 AWG CU GND IN 1" CONDUIT
70A-3W+G	(3) #4 AWG CU + (1) #8 AWG CU GND IN 1" CONDUIT
70A-4W+G	(4) #4 AWG CU + (1) #8 AWG CU GND IN 1-1/4" CONDUIT
100A-4W+G	(4) #3 AWG CU + (1) #8 AWG CU GND IN 1-1/4" CONDUIT
150A-XFMR	(4) #10 AWG CU IN 2" CONDUIT + (1) #6 AWG CU GEC IN 3/4" CONDUIT + (1) #6 AWG CU BONDING JUMPER IN 3/4" CONDUIT

GENERAL NOTE: FEEDERS ALL BASED ON COPPER CONDUCTORS. "A" IN FEEDER DESIGNATION DENOTES VOLTAGE DROP.

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
07-10-2026	25117-01	MDW	DMK	WAM
		BY	DATE	REVISIONS
				DES

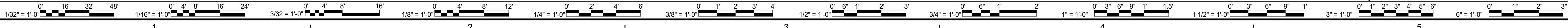
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(540)344-1212

COMMONWEALTH OF VIRGINIA
07/10/2026
WINSTON A. MATTHEWS
Lic. No. 044469
PROFESSIONAL ENGINEER

PROJECT MARTINSVILLE CITY PUBLIC SCHOOLS
PATHS CLINIC AT ALBERT HARRIS ELEMENTARY
710 SMITH STREET
MARTINSVILLE, VA 24112
DRAWING PARTIAL ELECTRICAL POWER RISER DIAGRAM - EMERGENCY

SHEET
E-602

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Comm. No.: 25123
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B

E-701

EXISTING PANEL HB

VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES		MAIN: 125A MLO BUS RATING: 125A GROUND BUS: YES									INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC										
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3
1	HR B03, B05 LIGHTS	20/1	-	-	-	-	-	-			2	GUARD 114 BOOKS 113, HR 110 LIGHTS	20/1	-	-	-	-	-	-		
3	HR B02, B04 LIGHTS	20/1	-	-	-	-	-		-		4	TEACH STORAGE 116, LD 121 LIGHTS	20/1	-	-	-	-	-		-	
5	HR N08, MECHANICAL B09	20/1	-	-	-	-	-			-	6	TITLE 1 # 125, COMPUTER 122 LIGHTS	20/1	-	-	-	-	-			-
7	CORRIDOR B01, 100 & 126 LIGHTS	20/1	-	-	-	-	-	-			8	HR 124 LIGHTS	20/1	-	-	-	-	-	-		
9	GIFTED 105 LIGHTS	20/1	-	-	-	-	-		-		10	HR 106, HR 112 LIGHTS	20/1	-	-	-	-	-		-	
11	HR 103 LIGHTS	20/1	-	-	-	-	-			-	12	HR 102 LIGHTS	20/1	-	-	-	-	-			-
13	ENRICHED 101 LIGHTS	20/1	-	-	-	-	-	-			14	AUD CLOSET LIGHTS	20/1	-	-	-	-	-	-		
15	SPARE	20/1	-	-	-	-	-		-		16	SPARE	20/1	-	-	-	-	-		-	
17	SPARE	20/1	-	-	-	-	-			-	18	SPARE	20/1	-	-	-	-	-			-
19	SPACE	20/1	-	-	-	-	-	-			20	SPACE	20/1	-	-	-	-	-	-		
21	SPACE	20/1	-	-	-	-	-		-		22	SPACE	20/1	-	-	-	-	-		-	
23	SPACE	20/1	-	-	-	-	-			-	24	SPACE	20/1	-	-	-	-	-			-
25	SPACE	20/1	-	-	-	-	-	-			26	SPACE	20/1	-	-	-	-	-	-		
27	SPACE	20/1	-	-	-	-	-		-		28	SPACE	20/1	-	-	-	-	-		-	
29	SPACE	20/1	-	-	-	-	-			-	30	SPACE	20/1	-	-	-	-	-			-

PHASE LOAD TOTALS	0	0	0
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LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND	LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0	KITCHEN EQUIPMENT	0	1.0	0
REC TO 10 KVA	0	1.0	0	CONTINUOUS	0	1.25	0
REC REMAINING	0	0.5	0	NON-CONTINUOUS	0	1.0	0
SPACE HEATING	0	0.0	0	DEMAND	0	1.0	0
AIR CONDITIONING	0	1.0	0				
NON-SEASONAL MOTORS	0	1.0	0	TOTAL CONNECTED LOAD	0	KVA	0 AMPS
LARGEST MOTOR	0	0.25	0	MIN. FEEDER / PANEL CAPACITY	0	KVA	0 AMPS
WATER HEATING	0	1.0	0	OVERALL DEMAND FACTOR	1		

EXISTING PANEL LB

[illegible]

PHASE LOAD TOTALS	0	0	0
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LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND	LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0	KITCHEN EQUIPMENT	0	1.0	0
REC TO 10 KVA	0	1.0	0	CONTINUOUS	0	1.25	0
REC REMAINING	0	0.5	0	NON-CONTINUOUS	0	1.0	0
SPACE HEATING	0	0.0	0	DEMAND	0	1.0	0
AIR CONDITIONING	0	1.0	0				
NON-SEASONAL MOTORS	0	1.0	0	TOTAL CONNECTED LOAD	0	KVA	0 AMPS
LARGEST MOTOR	0	0.25	0	MIN. FEEDER / PANEL CAPACITY	0	KVA	0 AMPS
WATER HEATING	0	1.0	0	OVERALL DEMAND FACTOR	1		

MODIFIED PANEL HB_

VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES											MAIN: 125A MLO BUS RATING: 125A GROUND BUS: YES											INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC										
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3											
1	LIGHTS ROOMS 023,024,026-028,030-032*	20/1	#12	#12	#12	1/2"	L	1.01			2	GUARD 114 BOOKS 113, HR 110 LIGHTS	20/1	-	-	-	-	-	-													
3	LIGHTS ROOMS 001-003,007-013,020,021*	20/1	#12	#12	#12	1/2"	L		1.14		4	TEACH STORAGE 116, LD 121 LIGHTS	20/1	-	-	-	-	-														
5	EXISTING LIGHTS MECH 004*	20/1	-	-	-	-	-			-	6	TITLE 1 # 125, COMPUTER 122 LIGHTS	20/1	-	-	-	-	-														
7	CORRIDOR B01, 100 & 126 LIGHTS	20/1	-	-	-	-	-	-			8	HR 124 LIGHTS	20/1	-	-	-	-	-	-													
9	GIFTED 105 LIGHTS	20/1	-	-	-	-	-		-		10	HR 106, HR 112 LIGHTS	20/1	-	-	-	-	-		-												
11	HR 103 LIGHTS	20/1	-	-	-	-	-			-	12	HR 102 LIGHTS	20/1	-	-	-	-	-			-											
13	ENRICHED 101 LIGHTS	20/1	-	-	-	-	-	-			14	AUD CLOSET LIGHTS	20/1	-	-	-	-	-	-													
15	SPARE	20/1	-	-	-	-	-				16	SPARE	20/1	-	-	-	-	-		-												
17	SPARE	20/1	-	-	-	-	-			-	18	SPARE	20/1	-	-	-	-	-			-											
19	SPACE	20/1	-	-	-	-	-	-			20	SPACE	20/1	-	-	-	-	-	-													
21	SPACE	20/1	-	-	-	-	-		-		22	SPACE	20/1	-	-	-	-	-		-												
23	SPACE	20/1	-	-	-	-	-			-	24	SPACE	20/1	-	-	-	-	-			-											
25	SPACE	20/1	-	-	-	-	-	-			26	SPACE	20/1	-	-	-	-	-	-													
27	SPACE	20/1	-	-	-	-	-		-		28	SPACE	20/1	-	-	-	-	-		-												
29	SPACE	20/1	-	-	-	-	-			-	30	SPACE	20/1	-	-	-	-	-			-											

PHASE LOAD TOTALS	1.01	1.14	0
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LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND	LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	2.15	1.25	2.69	KITCHEN EQUIPMENT	0	1.0	0
REC TO 10 KVA	0	1.0	0	CONTINUOUS	0	1.25	0
REC REMAINING	0	0.5	0	NON-CONTINUOUS	0	1.0	0
SPACE HEATING	0	0.0	0	DEMAND	0	1.0	0
AIR CONDITIONING	0	1.0	0				
NON-SEASONAL MOTORS	0	1.0	0	TOTAL CONNECTED LOAD	2.2	KVA	2.6 AMPS
LARGEST MOTOR	0	0.25	0	MIN. FEEDER / PANEL CAPACITY	2.7	KVA	3.2 AMPS
WATER HEATING	0	1.0	0	OVERALL DEMAND FACTOR	1.25		

MODIFIED PANEL LB_

VOLTAGE: 208Y/120V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES										MAIN: 225A MLO BUS RATING: 225A GROUND BUS: YES										INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC																	
CKT	LOAD SERVED									BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED									BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3
1	MECH B09, B11, B10 REC									20/1	-	-	-	-	-	-	-	-	2	SPARE*									20/1	-	-	-	-	-	-	-	-
3	SPARE*									20/1	-	-	-	-	-	-	-	-	4	SPARE*									20/1	-	-	-	-	-	-	-	-
5	SPARE*									20/1	-	-	-	-	-	-	-	-	6	SPARE*									20/1	-	-	-	-	-	-	-	-
7	SPARE*									20/1	-	-	-	-	-	-	-	-	8	SPARE*									20/1	-	-	-	-	-	-	-	-
9	SPARE*									20/1	-	-	-	-	-	-	-	-	10	SPARE*									20/1	-	-	-	-	-	-	-	-
11	SPARE*									20/1	-	-	-	-	-	-	-	-	12	SPARE*									20/1	-	-	-	-	-	-	-	-
13	SPARE*									20/1	-	-	-	-	-	-	-	-	14	SPARE*									20/1	-	-	-	-	-	-	-	-
15	SPARE*									20/1	-	-	-	-	-	-	-	-	16	SPARE*									20/1	-	-	-	-	-	-	-	-
17	SPARE*									20/1	-	-	-	-	-	-	-	-	18	SPARE*									20/1	-	-	-	-	-	-	-	-
19	SPARE*									20/1	-	-	-	-	-	-	-	-	20	SPARE*									20/1	-	-	-	-	-	-	-	-
21	SPARE*									20/1	-	-	-	-	-	-	-	-	22	SPARE*									20/1	-	-	-	-	-	-	-	-
23	SPARE*									20/1	-	-	-	-	-	-	-	-	24	SPARE*									20/1	-	-	-	-	-	-	-	-
25	SPARE*									20/1	-	-	-	-	-	-	-	-	26	SPARE*									20/1	-	-	-	-	-	-	-	-
27	SPARE*									20/1	-	-	-	-	-	-	-	-	28	SPARE*									20/1	-	-	-	-	-	-	-	-
29	SPACE									-	-	-	-	-	-	-	-	-	30	SPACE									-	-	-	-	-	-	-	-	-
31	SPACE									-	-	-	-	-	-	-	-	-	32	SPACE									-	-	-	-	-	-	-	-	-
33	SPACE									-	-	-	-	-	-	-	-	-	34	SPACE									-	-	-	-	-	-	-	-	-
35	SPACE									-	-	-	-	-	-	-	-	-	36	SPACE									-	-	-	-	-	-	-	-	-
37	SPACE									-	-	-	-	-	-	-	-	-	38	SPACE									-	-	-	-	-	-	-	-	-
39	SPACE									-	-	-	-	-	-	-	-	-	40	SPACE									-	-	-	-	-	-	-	-	-
41	SPACE									-	-	-	-	-	-	-	-	-	42	SPACE									-	-	-	-	-	-	-	-	-

PHASE LOAD TOTALS	0	0	0
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LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND	LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0	KITCHEN EQUIPMENT	0	1.0	0
REC TO 10 KVA	0	1.0	0	CONTINUOUS	0	1.25	0
REC REMAINING	0	0.5	0	NON-CONTINUOUS	0	1.0	0
SPACE HEATING	0	0.0	0	DEMAND	0	1.0	0
AIR CONDITIONING	0	1.0	0				
NON-SEASONAL MOTORS	0	1.0	0	TOTAL CONNECTED LOAD	0	KVA	0
LARGEST MOTOR	0	0.25	0	MIN. FEEDER / PANEL CAPACITY	0	KVA	0
WATER HEATING	0	1.0	0	OVERALL DEMAND FACTOR	1		

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EXISTING PANEL IA																																	
VOLTAGE: 208Y/120V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES					MAIN: 225A MLO BUS RATING: 225A GROUND BUS: YES					INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC																							
CKT	LOAD SERVED				BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED				BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3						
1	RACK RECEPTACLE B10				20/1	-	-	-	-	-	-			2	RACK RECEPTACLE B10				20/1	-	-	-	-	-	-	-							
3	CLASSROOM B05 RECEPTACLE				20/1	-	-	-	-	-				4	CLASSROOM B08 RECEPTACLE				20/1	-	-	-	-	-			-						
5	CLASSROOM B05 RECEPTACLE				20/1	-	-	-	-	-				6	CLASSROOM B08 RECEPTACLE				20/1	-	-	-	-	-			-						
7	CLASSROOM B03 RECEPTACLE				20/1	-	-	-	-	-				8	CLASSROOM B04 RECEPTACLE				20/1	-	-	-	-	-			-						
9	CLASSROOM B03 RECEPTACLE				20/1	-	-	-	-	-				10	CLASSROOM B04 RECEPTACLE				20/1	-	-	-	-	-			-						
11	TEACHER COLUMN REC B05				20/1	-	-	-	-	-				12	CLASSROOM B02 RECEPTACLE				20/1	-	-	-	-	-			-						
13	TEACHER COLUMN REC B03				20/1	-	-	-	-	-				14	CLASSROOM B02 RECEPTACLE				20/1	-	-	-	-	-			-						
15	AH-CLRM-1-DDC RECEPTACLE				20/1	-	-	-	-	-				16	TEACHER COLUMN REC B08				20/1	-	-	-	-	-			-						
17	SPARE				20/1	-	-	-	-	-				18	TEACHER COLUMN REC B04				20/1	-	-	-	-	-			-						
19	SPACE				-	-	-	-	-	-				20	TEACHER COLUMN REC B02				20/1	-	-	-	-	-			-						
21	SPACE				-	-	-	-	-	-				22	SPACE				-	-	-	-	-	-			-						
23	SPACE				-	-	-	-	-	-				24	SPACE				-	-	-	-	-	-			-						
25	SPACE				-	-	-	-	-	-				26	SPACE				-	-	-	-	-	-			-						
27	SPACE				-	-	-	-	-	-				28	SPACE				-	-	-	-	-	-			-						
29	SPACE				-	-	-	-	-	-				30	SPACE				-	-	-	-	-	-			-						
PHASE LOAD TOTALS																					0		0		0								
LOADS (KVA)													LOADS (KVA)																				
CONNECTED		DEMAND FACTOR		DEMAND		CONNECTED		DEMAND FACTOR		DEMAND		CONNECTED		DEMAND FACTOR		DEMAND		CONNECTED		DEMAND FACTOR		DEMAND											
LIGHTING		0		1.25		0		0		1.0		0		0		1.0		0		1.0		0											
REC TO 10 KVA		0		1.0		0		1.25		0		1.0		0		1.25		0		1.0		0											
REC REMAINING		0		0.5		0		1.0		0		0.5		0		1.0		0		1.0		0											
SPACE HEATING		0		0.0		0		1.0		0		0.0		0		1.0		0		1.0		0											
AIR CONDITIONING		0		1.0		0		1.0		0		1.0		0		1.0		0		1.0		0											
NON-SEASONAL MOTORS		0		1.0		0		1.0		0		1.0		0		1.0		0		1.0		0											
LARGEST MOTOR		0		0.25		0		0.25		0		0.25		0		0.25		0		0.25		0											
WATER HEATING		0		1.0		0		1.0		0		1.0		0		1.0		0		1.0		0											
TOTAL CONNECTED LOAD													0		KVA		0		AMPS														
MIN. FEEDER / PANEL CAPACITY													0		KVA		0		AMPS														
OVERALL DEMAND FACTOR													1																				

MODIFIED PANEL IA_

VOLTAGE: 208Y/120V
SYSTEM: 3PH, 4W
SOLID NEUTRAL: YES

MAIN: 225A MLO
BUS RATING: 225A
GROUND BUS: YES

INTEGRAL SPD: YES
MOUNTING: SURFACE
INTERRUPT RATING: 10,000 AIC

CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3
1	RACK RECEPTACLE B10	20/1	-	-	-	-	-	-	-		2	RACK RECEPTACLE B10	20/1	-	-	-	-	-	-	-	
3	SPARE*	20/1	-	-	-	-	-	-	-		4	SPARE*	20/1	-	-	-	-	-	-	-	
5	SPARE*	20/1	-	-	-	-	-	-	-		6	SPARE*	20/1	-	-	-	-	-	-	-	
7	SPARE*	20/1	-	-	-	-	-	-	-		8	SPARE*	20/1	-	-	-	-	-	-	-	
9	SPARE*	20/1	-	-	-	-	-	-	-		10	SPARE*	20/1	-	-	-	-	-	-	-	
11	SPARE*	20/1	-	-	-	-	-	-	-		12	SPARE*	20/1	-	-	-	-	-	-	-	
13	SPARE*	20/1	-	-	-	-	-	-	-		14	SPARE*	20/1	-	-	-	-	-	-	-	
15	AH-CLRM-1-DDC RECEPTACLE	20/1	-	-	-	-	-	-	-		16	SPARE*	20/1	-	-	-	-	-	-	-	
17	SPACE	20/1	-	-	-	-	-	-	-		18	SPARE*	20/1	-	-	-	-	-	-	-	
19	SPACE	-	-	-	-	-	-	-	-		20	SPARE*	20/1	-	-	-	-	-	-	-	
21	SPACE	-	-	-	-	-	-	-	-		22	SPACE	-	-	-	-	-	-	-	-	
23	SPACE	-	-	-	-	-	-	-	-		24	SPACE	-	-	-	-	-	-	-	-	
25	SPACE	-	-	-	-	-	-	-	-		26	SPACE	-	-	-	-	-	-	-	-	
27	SPACE	-	-	-	-	-	-	-	-		28	SPACE	-	-	-	-	-	-	-	-	
29	SPACE	-	-	-	-	-	-	-	-		30	SPACE	-	-	-	-	-	-	-	-	

PHASE LOAD TOTALS

000

LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND	LOADS (KVA)	CONNECTED	DEMAND FACTOR	DEMAND
LIGHTING	0	1.25	0	KITCHEN EQUIPMENT	0	1.0	0
REC TO 10 KVA	0	1.0	0	CONTINUOUS	0	1.25	0
REC REMAINING	0	0.5	0	NON-CONTINUOUS	0	1.0	0
SPACE HEATING	0	0.0	0	DEMAND	0	1.0	0
AIR CONDITIONING	0	1.0	0				
NON-SEASONAL MOTORS	0	1.0	0	TOTAL CONNECTED LOAD	0	KVA	0
LARGEST MOTOR	0	0.25	0	MIN. FEEDER / PANEL CAPACITY	0	KVA	0
WATER HEATING	0	1.0	0	OVERALL DEMAND FACTOR	1		

Autodesk Docs/25117-01 Albert Harris ES/25123 - AHES PATHS - ELEC - R26.rvt

7/6/2026 4:42:06 PM

NEW PANEL HEL

VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES												MAIN: 100A MLO BUS RATING: 100A GROUND BUS: YES												INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 35,000 AIC											
CKT	LOAD SERVED				BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED				BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3								
1	NEW PANEL LEL				70/3	#4	-	#8	1*	SF	13.13			2	SPD BREAKER				30/3	#10	#10	#10	3/4"	C	.01										
3	VIA				-	#4	-	-	-	SF		12.72		4	SPD BREAKER				-	#10	-	-	-	C		.01									
5	NEW XFMR LEL				-	#4	-	-	-	SF			10.67	6	SPD BREAKER				-	#10	-	-	-	C			.01								
7	LTGS - ROOMS 001, 006, 014-020, 022, ETC.				20/1	#12	#12	#12	3/4"	L	1.86			8	SPARE				20/1	-	-	-	-	-	-										
9	SPARE				20/1	-	-	-	-	-		-		10	SPARE				20/1	-	-	-	-	-	-		-								
11	SPARE				20/1	-	-	-	-	-			-	12	SPARE				20/1	-	-	-	-	-	-		-								
13	SPARE				20/1	-	-	-	-	-	-			14	SPARE				20/1	-	-	-	-	-	-										
15	SPARE				20/1	-	-	-	-	-		-		16	SPARE				20/1	-	-	-	-	-	-		-								
17	SPARE				20/1	-	-	-	-	-			-	18	SPARE				20/1	-	-	-	-	-	-		-								
															PHASE LOAD TOTALS															15	12.73	10.68			
LOADS (KVA)															LOADS (KVA)																				
CONNECTED				DEMAND FACTOR				DEMAND				CONNECTED				DEMAND FACTOR				DEMAND															
LIGHTING				1.86				1.25				2.33				2.4				1.0				2.4											
REC TO 10 KVA				6.11				1.0				6.11				1.56				1.25				1.95											
REC REMAINING				0				0.5				0				20.04				1.0				20.04											
SPACE HEATING				0				0.0				0				0				1.0				0											
AIR CONDITIONING				0				1.0				0				0				1.0				0											
NON-SEASONAL MOTORS				6.44				1.0				6.44				38.4				KVA				46.2											
LARGEST MOTOR				3.33				0.25				.83				40.1				KVA				48.3											
WATER HEATING				0				1.0				0				1.04																			
TOTAL CONNECTED LOAD															KVA																				
MIN. FEEDER / PANEL CAPACITY															KVA																				
OVERALL DEMAND FACTOR															1.04																				

NEW PANEL LM

VOLTAGE: 208Y/120V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES														MAIN: 150A MCB BUS RATING: 225A GROUND BUS: YES														INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC													
CKT	LOAD SERVED				BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED				BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3														
1	ELECTRIC WATER COOLER CORRIDOR 034				20/1	#12	#12	#12	3/4"	N	.6			2	STATIM DENTAL LAB 020				20/1	#12	#12	#12	3/4"	N	1.32																
3	REC BREAK ROOM 003				20/1	#12	#12	#12	3/4"	R		.72		4	STERILIZER DENTAL LAB 020				20/1	#12	#12	#12	3/4"	N		1															
5	REFRIGERATOR BREAK ROOM 003				20/1	#12	#12	#12	3/4"	K			1.2	6	INSTRUMENT WASHER DENTAL LAB 020				20/1	#12	#12	#12	3/4"	N			1														
7	MICROWAVE BREAK ROOM 003				20/1	#12	#12	#12	3/4"	K	1.2			8	REC ROOMS 012, 013, 020, 021 & 028				20/1	#12	#12	#12	3/4"	R	1.08																
9	REC LAB 011				20/1	#12	#12	#12	3/4"	R		.36		10	REC DENTAL 018				20/1	#12	#12	#12	3/4"	R		.72															
11	REC LAB 011				20/1	#12	#12	#12	3/4"	R			.36	12	REC DENTAL 018				20/1	#12	#12	#12	3/4"	R			.54														
13	REC WAIT 001				20/1	#12	#12	#12	3/4"	R	.72			14	REC BH OFFICE 023				20/1	#12	#12	#12	3/4"	R	.72																
15	REC ROOMS 007, 009 & 010				20/1	#12	#12	#12	3/4"	R		.54		16	REC BH CONSULT 024				20/1	#12	#12	#12	3/4"	R		.72															
17	DENTAL CHAIR DENTAL 018				20/1	#12	#12	#12	3/4"	N			.84	18	REC GROUP THERAPY/CONF 026				20/1	#12	#12	#12	3/4"	R			1.08														
19	COFFEE MAKER BREAK ROOM 003				20/1	#12	#12	#12	3/4"	K	1.2			20	REC VISION 027				20/1	#12	#12	#12	3/4"	R	.36																
21	REC LAB 011				20/1	#12	#12	#12	3/4"	R		.54		22	REC VISION 027				20/1	#12	#12	#12	3/4"	R		.36															
23	PRINTER NURSE 033				20/1	#12	#12	#12	3/4"	R			.18	24	SIDE CABINET DENTAL 018				20/1	#12	#12	#12	3/4"	N			1														
25	REC ROOMS 006, 014, 025 & 034				20/1	#12	#12	#12	3/4"	R	1.26			26	STERILIZATION CABINET DENTAL LAB 020				20/1	#12	#12	#12	3/4"	N	1																
27	REC EXAM 2 030				20/1	#12	#12	#12	3/4"	R		.54		28	ULTRASONIC CLEANER DENTAL LAB 020				20/1	#12	#12	#12	3/4"	N		1															
29	REC EXAM 3 031				20/1	#12	#12	#12	3/4"	R			.54	30	FAN F-A1 LAB STORAGE 009				15/1	#12	#12	#12	3/4"	M			.16														
31	REC PROVIDERS OFFICE 032				20/1	#12	#12	#12	3/4"	R	.72			32	EXAM TABLE VISION 027				20/1	#12	#12	#12	3/4"	N	1.38																
33	TREATMENT CONSOLE DENTAL 018				20/1	#12	#12	#12	3/4"	N		1		34	SAC-1 OUTDOOR UNIT				20/2	#12	-	#12	3/4"	A		1.37															
35	EXAM TABLE EXAM 2 030				20/1	#12	#12	#12	3/4"	N			1.38	36	SAC-1 OUTDOOR UNIT				-	#12	-	-	-	A			1.37														
37	REC BREAK ROOM 003				20/1	#12	#12	#12	3/4"	R	.36			38	SAC-1 INDOOR IT 016				15/2	#12	-	#12	3/4"	A	.05																
39	SPARE				20/1	-	-	-	-	-		-		40	SAC-1 INDOOR IT 016				-	#12	-	-	-	A		.05															
41	SPARE				20/1	-	-	-	-	-		-		42	EXAM TABLE EXAM 3 031				20/1	#12	#12	#12	3/4"	N			1.38														
43	SPARE				20/1	-	-	-	-	-		-		44	SPARE				20/1	-	-	-	-	-		-															
45	SPARE				20/1	-	-	-	-	-		-		46	SPARE				20/1	-	-	-	-	-		-															
47	SPARE				20/1	-	-	-	-	-		-		48	SPARE				20/1	-	-	-	-	-		-															
49	SPARE				20/1	-	-	-	-	-		-		50	SPARE				20/1	-	-	-	-	-		-															
51	SPARE				20/1	-	-	-	-	-		-		52	SPARE				20/1	-	-	-	-	-		-															
53	SPARE				20/1	-	-	-	-	-		-		54	SPARE				20/1	-	-	-	-	-		-															
NOTE 1. PROVIDE GFCI RATED BREAKER(S) FOR CIRCUIT(S) 1														PHASE LOAD TOTALS														11.97	8.92	11.03											
LOADS (KVA)														CONNECTED	DEMAND FACTOR	DEMAND		LOADS (KVA)														CONNECTED	DEMAND FACTOR	DEMAND							
LIGHTING														0	1.25	0		KITCHEN EQUIPMENT														3.6	0.9	3.24							
REC TO 10 KVA														10	1.0	10		CONTINUOUS														0	1.25	0							
REC REMAINING														2.42	0.5	1.21		NON-CONTINUOUS														12.9	1.0	12.9							
SPACE HEATING														0	0.0	0		DEMAND														0	1.0	0							
AIR CONDITIONING														2.84	1.0	2.84		TOTAL CONNECTED LOAD														31.9	KVA	88.7 AMPS							
NON-SEASONAL MOTORS														.16	1.0	.16		MIN. FEEDER / PANEL CAPACITY														31	KVA	86.2 AMPS							
LARGEST MOTOR														2.75	0.25	.69		OVERALL DEMAND FACTOR														0.97									
WATER HEATING														0	1.0	0																									

EXISTING PANEL MC																							
VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES				MAIN: 250A MLO BUS RATING: 250A GROUND BUS: YES								INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC											
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3		
1	WH-1 STAIR #1	20/1	-	-	-	-	-	-			2	SPARE	20/1	-	-	-	-	-	-				
3	WH-1 ENTRY 119	20/1	-	-	-	-	-		-		4	WH-1 STAIR #1	20/1	-	-	-	-	-		-			
5	WH-1 STAIR #2	20/1	-	-	-	-	-			-	6	WH-1 CORRIDOR 130	20/1	-	-	-	-	-			-		
7	WH-1 STAIR #1	20/1	-	-	-	-	-		-		8	EXISTING UNKNOWN LOAD	20/1	-	-	-	-	-	-				
9	SPARE	20/1	-	-	-	-	-		-		10	EXISTING UNKNOWN LOAD	20/1	-	-	-	-	-		-			
11	SPARE	20/1	-	-	-	-	-			-	12	EXISTING UNKNOWN LOAD	20/1	-	-	-	-	-			-		
13	AH-CLRM1	30/3	-	-	-	-	-		-		14	SPACE	-	-	-	-	-	-	-				
15	"	-	-	-	-	-	-		-		16	SPACE	-	-	-	-	-	-		-			
17	"	-	-	-	-	-	-			-	18	SPACE	-	-	-	-	-	-			-		
19	RAH-CLRM4	80/3	-	-	-	-	-		-		20	SPACE	-	-	-	-	-	-	-				
21	"	-	-	-	-	-	-		-		22	SPACE	-	-	-	-	-	-		-			
23	"	-	-	-	-	-	-			-	24	SPACE	-	-	-	-	-	-			-		
25	RAH-CLRM2	90/3	-	-	-	-	-		-		26	SPACE	-	-	-	-	-	-	-				
27	"	-	-	-	-	-	-		-		28	SPACE	-	-	-	-	-	-		-			
29	"	-	-	-	-	-	-			-	30	SPACE	-	-	-	-	-	-			-		
31	SPACE	-	-	-	-	-	-		-		32	SPACE	-	-	-	-	-	-	-				
33	SPACE	-	-	-	-	-	-		-		34	SPACE	-	-	-	-	-	-		-			
35	SPACE	-	-	-	-	-	-			-	36	SPACE	-	-	-	-	-	-			-		
37	SPACE	-	-	-	-	-	-		-		38	SPACE	-	-	-	-	-	-	-				
39	SPACE	-	-	-	-	-	-		-		40	SPACE	-	-	-	-	-	-		-			
41	SPACE	-	-	-	-	-	-			-	42	SPACE	-	-	-	-	-	-			-		
PHASE LOAD TOTALS																				0	0	0	
LOADS (KVA)												LOADS (KVA)											
CONNECTED												CONNECTED											
DEMAND FACTOR												DEMAND FACTOR											
DEMAND												DEMAND											
LIGHTING												KITCHEN EQUIPMENT											
REC TO 10 KVA												CONTINUOUS											
REC REMAINING												NON-CONTINUOUS											
SPACE HEATING												DEMAND											
AIR CONDITIONING												TOTAL CONNECTED LOAD											
NON-SEASONAL MOTORS												MIN. FEEDER / PANEL CAPACITY											
LARGEST MOTOR												OVERALL DEMAND FACTOR											
WATER HEATING																							

MODIFIED PANEL MC_																							
VOLTAGE: 480Y/277V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES				MAIN: 250A MLO BUS RATING: 250A GROUND BUS: YES								INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 10,000 AIC											
CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3	CKT	LOAD SERVED	BKR	PHASE	NEUT	GND	COND	DMD	L1	L2	L3		
1	WH-1 STAIR #1	20/1	-	-	-	-	-	-			2	SPARE	20/1	-	-	-	-	-	-				
3	WH-1 ENTRY 119	20/1	-	-	-	-	-		-		4	WH-1 STAIR #1	20/1	-	-	-	-	-			-		
5	WH-1 STAIR #2	20/1	-	-	-	-	-			-	6	WH-1 CORRIDOR 130	20/1	-	-	-	-	-				-	
7	WH-1 STAIR #1	20/1	-	-	-	-	-		-		8	EXISTING UNKNOWN LOAD	20/1	-	-	-	-	-		-			
9	SPARE	20/1	-	-	-	-	-		-		10	EXISTING UNKNOWN LOAD	20/1	-	-	-	-	-			-		
11	SPARE	20/1	-	-	-	-	-			-	12	EXISTING UNKNOWN LOAD	20/1	-	-	-	-	-				-	
13	SPARE*	30/3	-	-	-	-	-		-		14	AH-CLRM1 SUPPLY FAN*	25/3	#10	-	#10	3/4"	A	3.29				
15	SPARE*	-	-	-	-	-	-		-		16	AH-CLRM1 SUPPLY FAN*	-	#10	-	-	-	A		3.29			
17	SPARE*	-	-	-	-	-	-		-	-	18	AH-CLRM1 SUPPLY FAN*	-	#10	-	-	-	A			3.29		
19	RAH-CLRM4	80/3	-	-	-	-	-		-		20	AH-CLRM1 EXHAUST FAN*	15/3	#12	-	#12	3/4"	A	2.33				
21	"	-	-	-	-	-	-		-		22	AH-CLRM1 EXHAUST FAN*	-	#12	-	-	-	A		2.33			
23	"	-	-	-	-	-	-		-	-	24	AH-CLRM1 EXHAUST FAN*	-	#12	-	-	-	A			2.33		
25	RAH-CLRM2	90/3	-	-	-	-	-		-		26	AH-CLRM1 ENERGY WHEEL*	15/3	#12	-	#12	3/4"	A	.18				
27	"	-	-	-	-	-	-		-		28	AH-CLRM1 ENERGY WHEEL*	-	#12	-	-	-	A		.18			
29	"	-	-	-	-	-	-		-	-	30	AH-CLRM1 ENERGY WHEEL*	-	#12	-	-	-	A			.18		
31	SPACE	-	-	-	-	-	-		-		32	SPACE	-	-	-	-	-	-	-	-			
33	SPACE	-	-	-	-	-	-		-		34	SPACE	-	-	-	-	-	-	-	-			
35	SPACE	-	-	-	-	-	-		-	-	36	SPACE	-	-	-	-	-	-	-	-			
37	SPACE	-	-	-	-	-	-		-		38	SPACE	-	-	-	-	-	-	-	-			
39	SPACE	-	-	-	-	-	-		-		40	SPACE	-	-	-	-	-	-	-	-			
41	SPACE	-	-	-	-	-	-		-	-	42	SPACE	-	-	-	-	-	-	-	-			
PHASE LOAD TOTALS																				5.8	5.8	5.8	
LOADS (KVA)												LOADS (KVA)											
CONNECTED												CONNECTED											
DEMAND FACTOR												DEMAND FACTOR											
DEMAND												DEMAND											
LIGHTING												KITCHEN EQUIPMENT											
REC TO 10 KVA												CONTINUOUS											
REC REMAINING												NON-CONTINUOUS											
SPACE HEATING												DEMAND											
AIR CONDITIONING												TOTAL CONNECTED LOAD											
NON-SEASONAL MOTORS												MIN. FEEDER / PANEL CAPACITY											
LARGEST MOTOR												OVERALL DEMAND FACTOR											
WATER HEATING																							