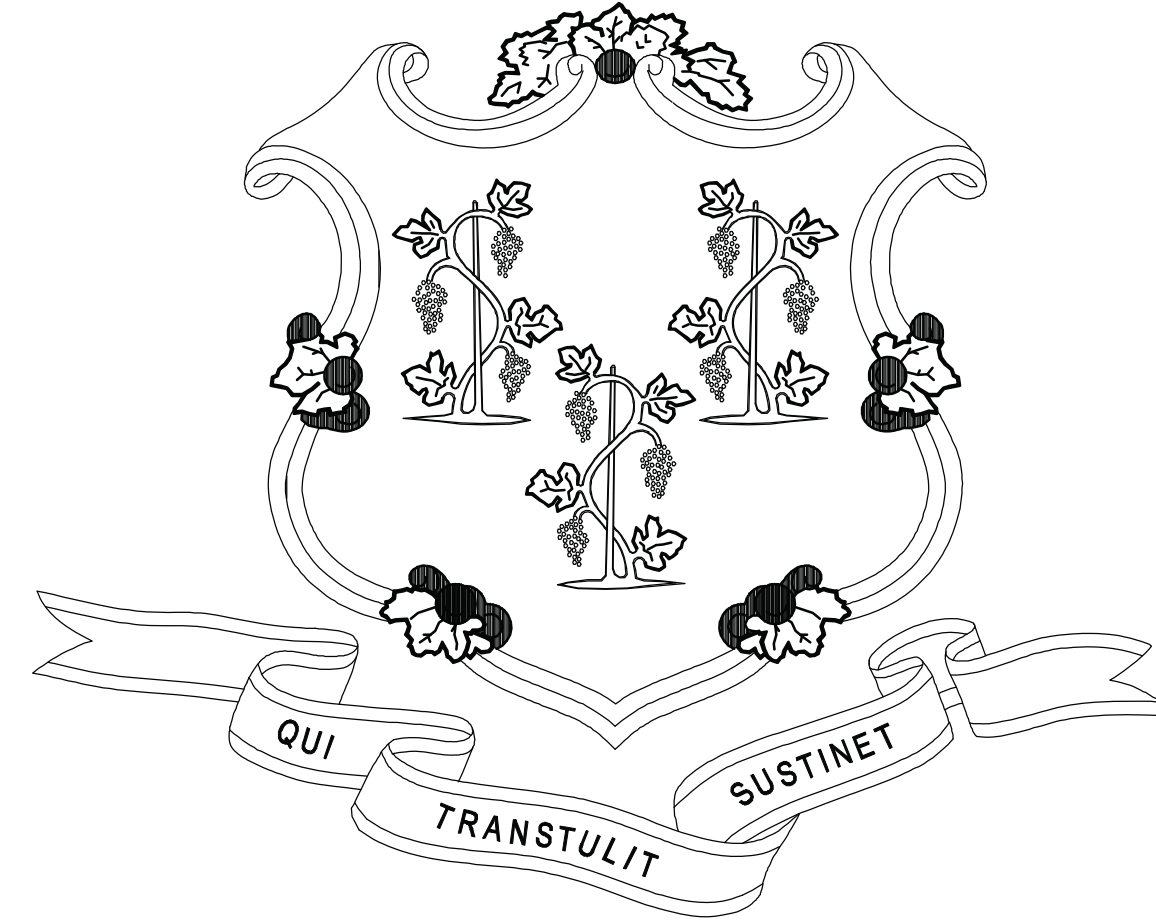


STATE OF CONNECTICUT



GOVERNOR NED LAMONT

DEPARTMENT OF ADMINISTRATIVE SERVICES
 JOSH GEBALLE
 COMMISSIONER

DEPARTMENT OF ECONOMIC & COMMUNITY DEVELOPMENT
 DAVID LEHMAN
 COMMISSIONER

PRUDENCE CRANDALL MUSEUM RENOVATIONS
 1 SOUTH CANTERBURY ROAD
 CANTERBURY, CT 06331

PROJECT NO. BI-RR-28



STRUCTURAL ENGINEER
 GNCB CONSULTING ENGINEERS, P.C.
 1358 BOSTON POST ROAD, 2ND FLOOR
 OLD SAYBROOK, CT 06475
 860-388-1224



ARCHITECT
 TLB ARCHITECTURE
 92 WEST MAIN STREET
 CHESTER, CT 06412
 860-526-9448



CIVIL ENGINEER
 MARTINEZ COUCH & ASSOCIATES, LLC
 1084 CROMWELL AVENUE
 SUITE A-2
 ROCKY HILL, CT 06067



M/E/P/FP ENGINEER
 LANDMARK FACILITY GROUP, INC
 252 EAST AVENUE
 NORWALK, CT 06855
 203-866-4626

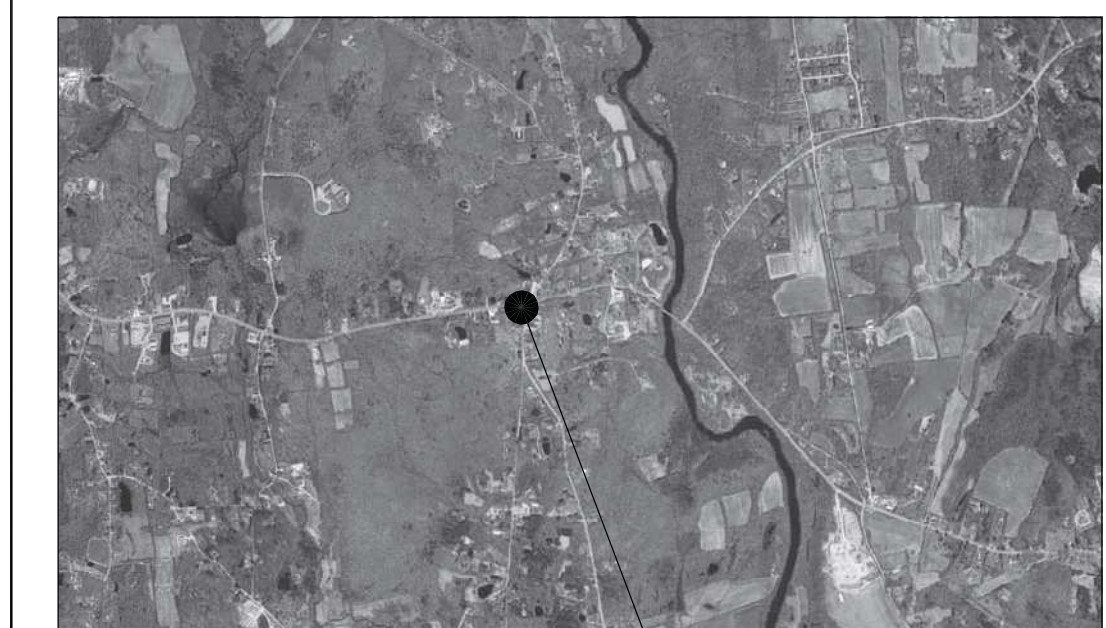
DRAWING LIST

Cover Sheet	P-001 Plumbing Symbols Notes Schedules, and Riser
G-001 Code Information	P-100 Basement Plumbing Plan
V-001 Existing Land Survey/Project Limit Line	P-101 First Floor Plumbing Plan
CD-101 Site Demolition Plan	MD100 Basement Mechanical Demolition Plan
CS-101 Site Layout Plan	M-001 Mechanical Symbols Notes and Schedules
CG-101 Site Grading and Drainage Plan	M-100 Basement Mechanical Plan
CU-101 Site Utility Plan	M-101 First Floor Mechanical Plan
CJ-101 Sedimentation and Erosion Control Plan	M-102 Second Floor Mechanical Plan
CJ-102 Sedimentation and Erosion Control Notes and Details	M-103 Basement Mechanical Detailed Plan
CX-101 Details	M-200 Mechanical Sections
CX-102 Details	M-300 Mechanical Details
CX-103 Details	M-301 Mechanical Details
S-100 Foundation and Slab on Grade	M-302 Mechanical Piping Diagram
S-101 First Floor Framing Plan	M-400 Mechanical Control Diagram
S-102 Second Floor Framing Plan	E-100 Electrical Riser Diagram and Panel Schedules
S-103 Attic Floor Framing Plan	E-101 Electrical Details
S-104 Roof Framing Plan	E-200 Basement Power Plan
S-200 Photos of Existing Conditions	E-201 First Floor Power Plan
S-300 General Notes	E-202 Second Floor Power Plan
A-001 General Information	E-300 Basement Lighting Plan
A-101 Cellar Plan	E-301 First Floor Lighting Plan
A-102 First Floor Plans	E-302 Second Floor Lighting Plan
A-103 Second Floor Plans	FA100 Fire Alarm Riser Diagram
A-104 Attic Plan	FA101 Basement Fire Alarm Plan
A-105 Roof Plan	FA102 First Floor Fire Alarm Plan
A-201 East Elevation	FA103 Second Floor Fire Alarm Plan
A-202 North Elevation	FA104 Attic Fire Alarm Plan
A-203 West Elevation	
A-204 South Elevation	
A-301 South-North Section	
A-302 East-West Section	
A-401 Enlarged Elevations	
A-402 Reference Photography - First Floor	
A-403 Reference Photography - Second Floor	
A-501 Enlarged Plan and Elevation at Ramp	
A-601 Window Schedule	
A-602 Door Schedule / Casework Details	

D.C.S BUILDING NUMBER 04448



SITE PLAN

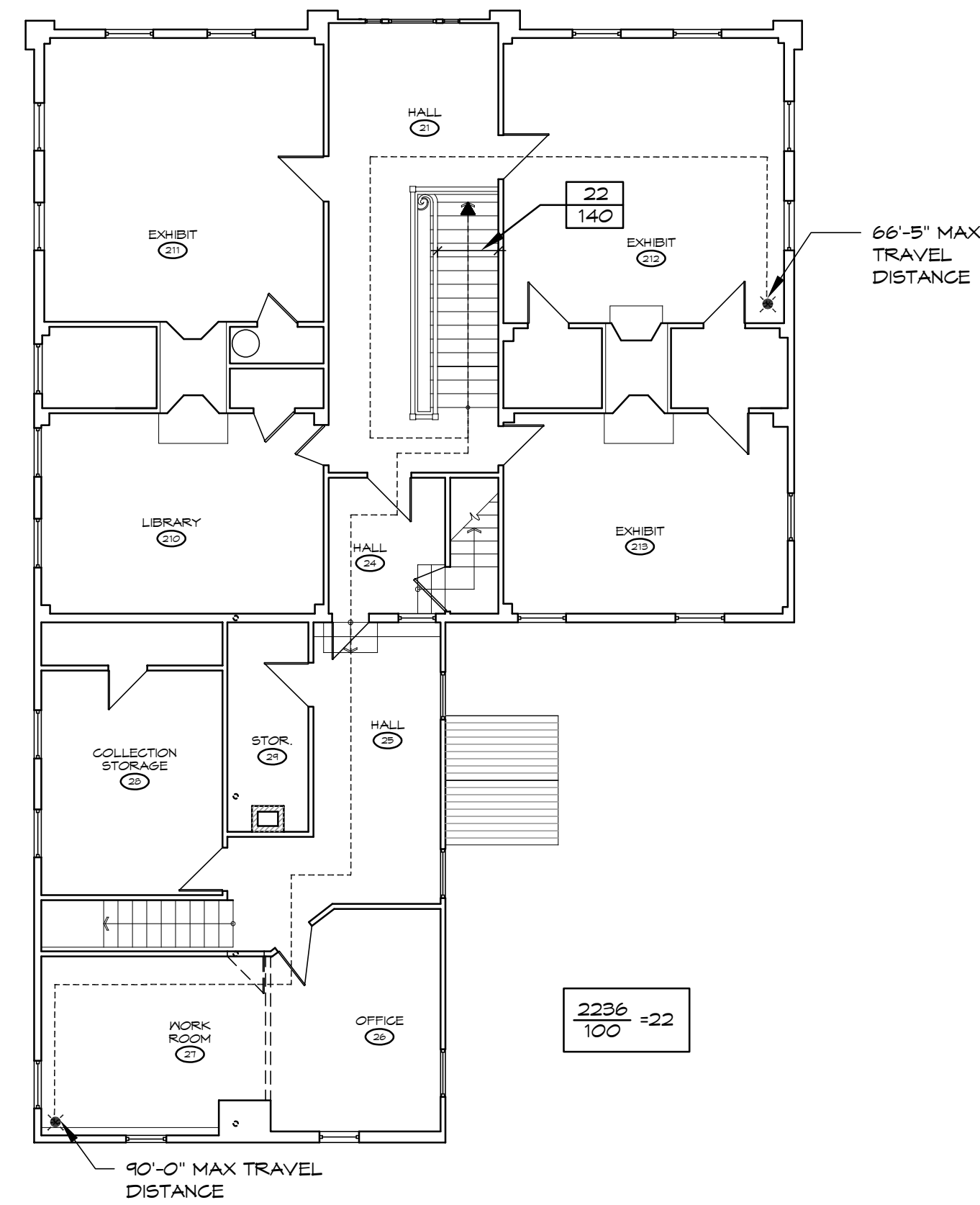


LOCATION PLAN

APPROVALS

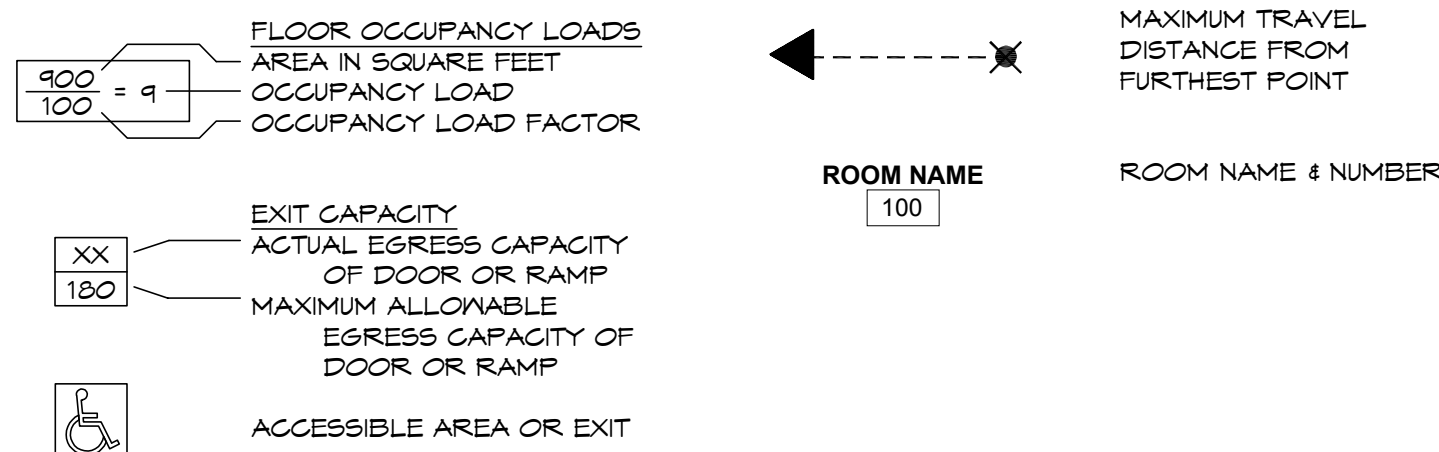
DEPT. OF ADMINISTRATIVE SERVICES DATE
 N/A

AGENCY DATE
 N/A



15 SECOND FLOOR CODE PLAN
1/8" = 1'-0"

12 CODE PLAN LEGEND
NO SCALE



THE PRUDENCE CRANDALL MUSEUM IS A STATE OWNED, HISTORIC MUSEUM, BUILT AS A HOUSE IN 1805, USED AS A MUSEUM SINCE 1984, AND DESIGNATED A NATIONAL HISTORIC LANDMARK IN 1991. THE BUILDING IS 2,236 ON EACH OF THE FIRST AND SECOND FLOORS. THE SCOPE OF WORK FOR THE PROPOSED PROJECT IS PRIMARILY A STRUCTURAL INTERVENTION TO STABILIZE THE ORIGINAL FRAME. IT ALSO INCLUDES SITE ACCESSIBILITY IMPROVEMENTS, INTERIOR MODIFICATIONS FOR ACCESSIBILITY TO THE PRIMARY FIRST FLOOR FUNCTIONS, MECHANICAL UPGRADES AND THE RESTORATION OF THE BUILDING EXTERIOR.

WE PROPOSE UTILIZATION OF THE PROVISION OF IBC 1201.3, WHICH, WITH CODE OFFICIAL APPROVAL, WOULD PERMIT THE CONTINUED USE OF THE MUSEUM IN ITS PRESENT ARRANGEMENT.

WE PROPOSE THE FOLLOWING, IN ORDER TO ACHIEVE A REASONABLE LEVEL OF SAFETY.

- INSTALLATION OF AN ADDRESSABLE FIRE ALARM SYSTEM, INCLUDING AIR-ASPIRATING SMOKE DETECTION.
- SMOKE PARTITION/ENCLOSURE AT THE BOILER ROOM.
- ELECTRICAL SYSTEM UPGRADES AS DEFINED BY THE ELECTRICAL ENGINEER.
- INSTALLATION OF EMERGENCY LIGHTING.
- POSTING AN OCCUPANT LOAD OF 49
- POSTING "NOT AN EXIT" SIGN AT TOP OF REAR STAIR.
- PROVISION OF COMPLIANT EXTERIOR WALKWAY, STEPS, AND RAMP TO SOUTH ENTRANCE DOOR.
- REVIEW WITH OSBI/OSFM, EXISTING INTERIOR STAIRS AND OTHER AREAS WHICH MIGHT BE UPGRADED, IF NECESSARY, WITHOUT IMPACTING THE HISTORIC FABRIC OF THE BUILDING.

11 PROPOSED CODE APPROACH
NO SCALE

APPLICABLE CODES: 2018 CT STATE BUILDING CODE

- 2015 IBC
- 2015 EXISTING BUILDING CODE
- 2015 INTERNATIONAL PLUMBING CODE
- 2015 INTERNATIONAL MECHANICAL CODE
- 2015 INTERNATIONAL CONSERVATION CODE
- 2018 CT STATE BUILDING CODE
 - AMENDMENTS TO 2015 IBC
 - AMENDMENTS TO 2015 EXISTING INTERNATIONAL BUILDING CODE
 - AMENDMENTS TO IAC A111.1-2009
 - AMENDMENTS TO 2015 INTERNATIONAL PLUMBING CODE
 - AMENDMENTS TO 2015 INTERNATIONAL ENERGY CONSERVATION CODE
 - AMENDMENTS TO 2011 NFPA NATIONAL ELECTRICAL CODE
 - AMENDMENTS TO 2015 INTERNATIONAL RESIDENTIAL CODE
- 2018 STATE FIRE SAFETY CODE
 - 2015 NFPA 101 LIFE SAFETY CODE

OCCUPANCY AND USE

- ALTERATION PROJECT, WITH NO CHANGE OF OCCUPANCY. THE SCOPE OF WORK CONSTITUTES A LEVEL II ALTERATION.
- HISTORIC BUILDING: MUSEUM IS LISTED ON THE NATIONAL REGISTER.
- OCCUPANCY: A3 - ASSEMBLY.
- ALLOWABLE AREA PER IBC TABLE 506.2
 - 6000 SF
- ACTUAL BUILDING AREA (GROSS)
- FIRST FLOOR: 2236 SF
- SECOND FLOOR: 2236 SF
- TOTAL OCCUPIED: 4472 SF
- NET BUILDING AREA
- 3387 SF
- CONSTRUCTION TYPE VB (COMBUSTIBLE/UNPROTECTED) - (TABLE 601 IBC).
- OCCUPANCY LOAD BY TABLE (IBC 1004.1.2) FOR A3 ASSEMBLY (30 NSF/OCCUPANT) EQUALS TOTAL OF 119 OCCUPANTS.
- ACTUAL OCCUPANCY LOAD IS LESS THAN 50 PERSONS (PER CODE MODIFICATION FM-0121-19)

FIRE RESISTIVE CONSTRUCTION FOR BUILDING ELEMENTS

- PER IBC TABLE 601, NO RATING REQUIRED FOR ROOFS, EXTERIOR WALLS, STRUCTURAL FRAME, BEARING WALLS, FLOORS, OR INTERIOR PARTITIONS. EXISTING TO REMAIN.
- BOILER ROOM: SMOKE PARTITION PROVIDED.
- VERTICAL SHAFTS: 1-HOUR RATING NOT REQUIRED FOR BUILDINGS NOT EXCEEDING 3000 SF/FLOOR. (IBC 803.5.2)
- ANY NON-COMFORMING CONSTRUCTION REQUIREMENT OF THE IBC FOR THE OCCUPANCY OR USE OF AN HISTORICAL BUILDING SHALL BE DEEMED IN COMPLIANCE, EXCEPT ANY THAT CONSTITUTES A DISTINCT FIRE HAZARD PER FIRE MARSHALL. (IBC 1203.12)
- EXIT ENCLOSURE: ONE-HOUR FIRE-RESISTANT ASSEMBLIES NOT REQUIRED; EXISTING WALL AND CEILING ARE WOOD LATH AND PLASTER. (IBC 1203.7)

MEANS OF EGRESS

- CAPACITY OF EGRESS COMPONENTS PER IBC 1005.3:
 - DOORS: .02" PER PERSON = 9.8" MINIMUM.
- STAIRS: .03" PER PERSON = 14.7" MINIMUM
- EGRESS BASED ON OCCUPANT LOAD: A SINGLE MEANS OF EGRESS FROM THE SECOND FLOOR SHALL BE PERMITTED WITH A MAXIMUM OCCUPANT LOAD OF 49 AND A MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE OF 75 FEET. (IBC TABLE 1006.3.2(2))
- EXISTING DOOR OPENING WIDTHS LESS THAN ACCEPTABLE FOR NON-HISTORIC BUILDING MAY BE APPROVED BY CODE OFFICIAL. (IBC 1203.5)
- DOOR SWINGS: INWARD SWINGS EGRESS DOORS ARE PERMITTED IF THE OCCUPANT LOAD IS LESS THAN 50 PERSONS. (PER CODE MODIFICATION FM-0120-19 AND IBC 1010.1.2.1)
- MAXIMUM COMMON PATH OF EGRESS PER IBC TABLE 1006.2.1: 75 FEET.
- TOTAL EXIT ACCESS TRAVEL IS 200' PER IBC TABLE 1017.2.
- STAIRWAY RAILINGS: EXISTING STAIRWAY RAILINGS AND GUARDS ARE PERMITTED TO REMAIN. (IBC 1203.9 - NOT STRUCTURALLY DANGEROUS.)

ACCESSIBILITY

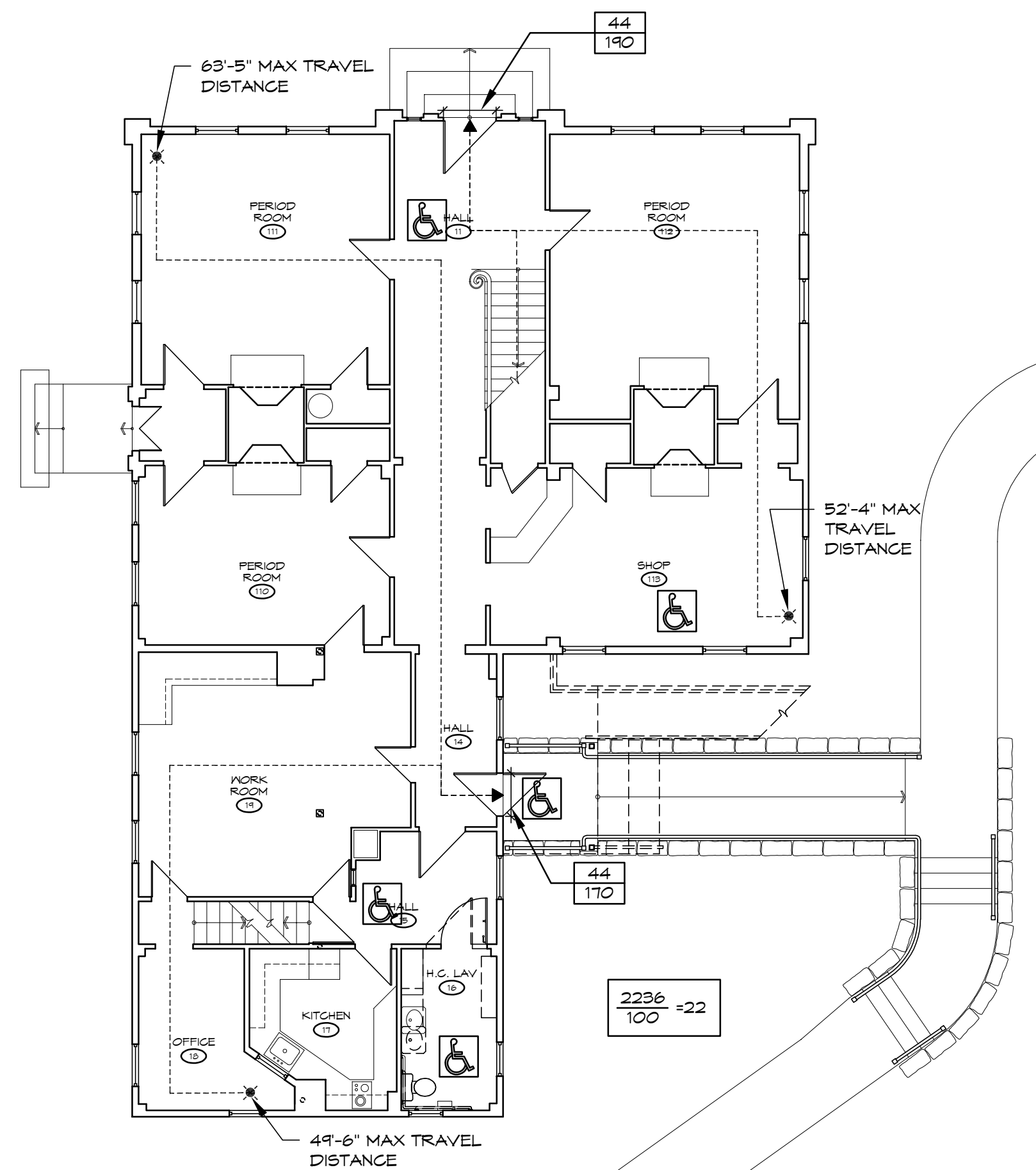
- ACCESSIBLE ROUTE FROM SITE ARRIVAL POINT TO AN ACCESSIBLE ENTRANCE IS PROVIDED. (IBC 1204.1.1)
- ACCESSIBLE ENTRANCE.
- ACCESSIBLE ROUTE FROM AN ACCESSIBLE ENTRANCE TO FIRST FLOOR PRIMARY FUNCTIONS (HALLWAY), UNISEX TOILET ROOM, AND GIFT SHOP. (IBC 1204.1.2)

CODE MODIFICATION REQUESTS SUPPORTED BY OSFM.

- OCCUPANCY LOAD OF LESS THAN 50 PERSONS. (FM-0121-19)
- IN-SWINGING EXIT DOORS (FM-0120-19)
- USE OF SECOND FLOOR IN AN UNPROTECTED WOOD STRUCTURE. (FM-0122-19)

CODE MODIFICATION MAY BE REQUESTED BY AGENCY

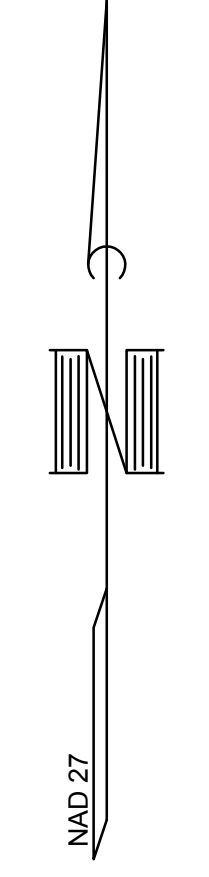
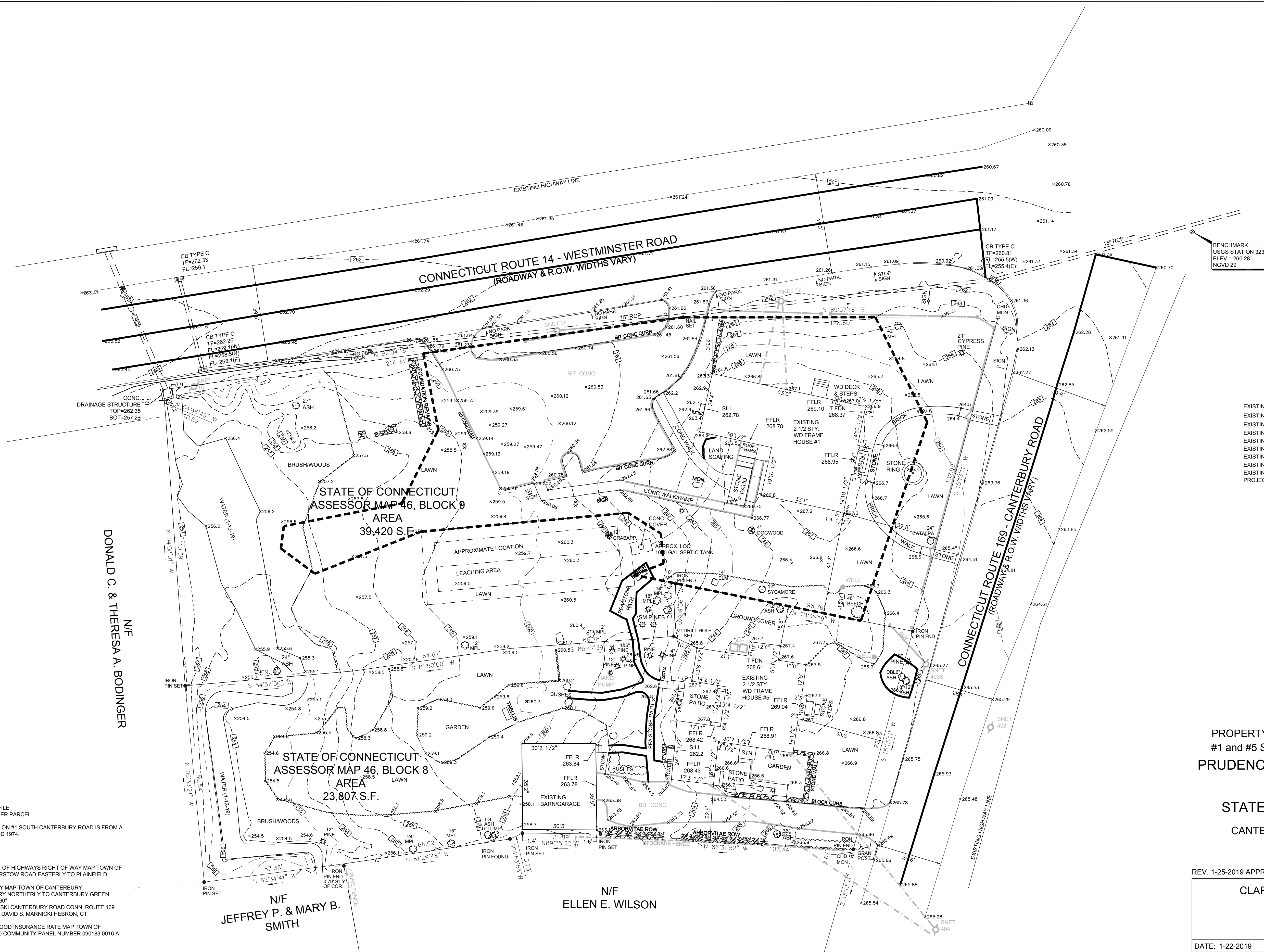
- ALTERNATIVE EXIT SIGNS IN KEEPING WITH HISTORIC CHARACTER OF BUILDING; PERMITTED WITH APPROVAL OF CODE OFFICIAL. (IBC 1203.11)



13 FIRST FLOOR CODE PLAN
1/8" = 1'-0"

9 BASIS OF CODE ANALYSIS
NO SCALE

drawing title		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
CODE INFORMATION		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	
professional seal	REVISIONS	date	11/19/2019
	mark	date	scale 1/8" = 1'-0"
	date	description	drawn by XXX
project		approved by XXX	
PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawing no. G-001	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		CAD no. G-001_CODE INFO.dwg	
project no. BI-RR-28			



LEGEND

- EXISTING CONTOUR
- EXISTING ELEVATION
- EXISTING UTILITY POLE/GUY WIRE
- EXISTING LIGHT POST
- EXISTING METAL BEAM RAIL
- EXISTING IRON HAND RAIL
- EXISTING WOOD FENCE
- EXISTING O'HEAD TELE CABLE
- EXISTING O'HEAD ELEC CABLE
- PROJECT LIMIT LINE

PROPERTY & TOPOGRAPHIC SURVEY
 #1 and #5 SOUTH CANTERBURY ROAD
 PRUDENCE CRANDALL MUSEUM
 PREPARED FOR
 STATE OF CONNECTICUT
 CANTERBURY, CONNECTICUT

REV. 1-25-2019 APPROXIMATE SEPTIC SYSTEM LOCATION ADDED

CLARK LAND SURVEYING, LLC
 126 TUNXIS ROAD
 BRISTOL, CONN. 06010
 (860)-967-8590
 TODD@CLARKLS.BIZ

DATE: 1-22-2019 SCALE: 1" = 20' MAP NO. 2019-01

NO INFORMATION WITH REGARD TO SEPTIC SYSTEM FOUND ON FILE WITH NORTHEASTERN DISTRICT HEALTH DEPARTMENT FOR EITHER PARCEL.

THE APPROXIMATE LOCATION OF THE EXISTING SEPTIC SYSTEM ON #1 SOUTH CANTERBURY ROAD IS FROM A SKETCH OF PROPOSED LAYOUT BY A. MASTRONUNZIO, INSTALLED 1974.

CALL BEFORE YOU REQUIRED PRIOR TO ANY EXCAVATION.

REFERENCE IS MADE TO MAPS TITLED:
 1. "CONNECTICUT DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAYS RIGHT OF WAY MAP TOWN OF CANTERBURY WESTMINSTER ROAD AND LOVELL LANE FROM BARSTOW ROAD EASTERLY TO PLAINFIELD ROAD NUMBER 22-15 SHEET NO. 5 OF 7 DATE: OCTOBER 17, 1975"
 2. "CONNECTICUT STATE HIGHWAY DEPARTMENT RIGHT OF WAY MAP TOWN OF CANTERBURY NEWENT-CANTERBURY ROAD FROM THE CANTERBURY CEMETERY NORTHERLY TO CANTERBURY GREEN ROUTE NO. 93 NUMBER 22-04 SHEET 3 OF 3 REVISED APRIL 19, 1980"
 3. "PREPARED FOR HORACE W. SELLERS & DANIEL M. PIOTROWSKI CANTERBURY ROAD CONN. ROUTE 169 CANTERBURY, CONN. SCALE 1"=10' JUNE 28, 1982" PREPARED BY DAVID S. MARNICKI HEBRON, CT

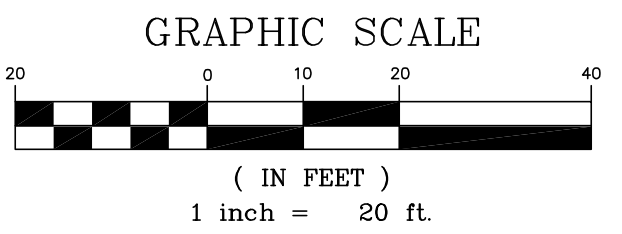
PARCELS ARE NOT IN A FLOOD HAZARD AREA AS SHOWN ON "FLOOD INSURANCE RATE MAP TOWN OF CANTERBURY, CONNECTICUT WINDHAM COUNTY PANEL 16 OF 30 COMMUNITY-PANEL NUMBER 090183 0016 A EFFECTIVE DATE: OCTOBER 16, 1984"

VERTICAL DATUM FROM CGS STATION CTGS 3232 - NGVD 29 ELEVATION = 260.28
 HORIZONTAL DATUM FROM CGS STATIONS CTGS 3231 & CTGS 3232 - NAD 27.

TYPE OF SURVEY: PROPERTY & TOPOGRAPHIC
 BOUNDARY DETERMINATION CATEGORY: FIRST SURVEY
 CLASS OF ACCURACY: A-2, T-2, V-2

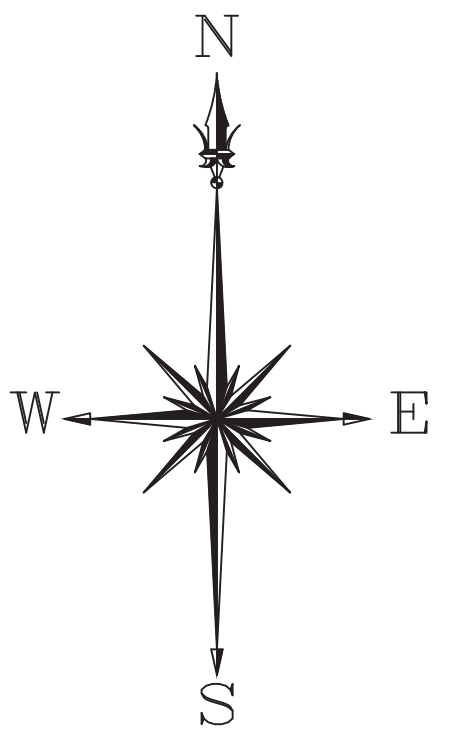
TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON. THIS SURVEY WAS PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON SEPTEMBER 26, 1996.

WILLIAM T. CLARK L.S. #70080
 NOT VALID WITHOUT EMBOSSED SEAL



NOTE:
 THIS SURVEY IS INCLUDED FOR REFERENCE AND ORIENTATION PURPOSES ONLY AND IS NOT PART OF THE CONSTRUCTION DOCUMENTS.
 CONTRACTOR SHALL NOT RELY ON ITS ACCURACY, AND MUST VERIFY INDEPENDENTLY ANY ELEMENTS SHOWN ON THE PLAN, INCLUDING ALL DIMENSIONS, ELEVATIONS, UTILITY LOCATIONS, AND STRUCTURES.

drawing title EXISTING LAND SURVEY/PROJECT LIMIT LINE		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
mark	date	description	date 11/19/2019 scale 1" = 20'-0"
project PRUDENCE CRANDALL MUSEUM RENOVATIONS			drawn by XXX approved by XXX drawing no.
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331			V-001
CAD no. V-001_EXIST SURVEY.dwg	project no. BI-RR-28		



EXISTING RETAINING WALLS TO BE PROTECTED DURING CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO MAKE ANY NECESSARY REPAIRS DUE TO CONSTRUCTION ACTIVITIES.

REMOVE EXISTING PATIO STONES AT BUILDING ENTRANCE AND STOCKPILE ON-SITE AT THE LOCATION DIRECTED BY OWNER/ARCHITECT. IF THE OWNER AND/OR ARCHITECT DETERMINES THAT THE STONE NOT REUSABLE, IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO REMOVE THE STONE OFF-SITE. CONTRACTOR PROVIDE SUITABLE FILL FOR ALL VOIDS AND TO ACHIEVE REQUIRED SUB-BASE COMPACTION FOR THE AREAS INTENDED USE.

DEMOLISH EXISTING CONCRETE WALKWAY WITHIN DEMOLITION AREA. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO PROVIDE SUITABLE FILL FOR ALL VOIDS AND TO ACHIEVE REQUIRED SUBBASE COMPACTION FOR THE AREAS INTENDED USE.

PROTECT EXISTING SIGN, TO REMAIN

FULL DEPTH DEMOLITION OF THE EXISTING BITUMINOUS CONCRETE PAVEMENT SECTION WITHIN STRIPED HATCHED DEMOLITION AREA. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO PROVIDE SUITABLE FILL FOR ALL VOIDS AND TO ACHIEVE REQUIRED SUBBASE COMPACTION FOR THE AREAS INTENDED USE.

MILL PAVEMENT WITHIN DASHED DEMOLITION AREA. AREA AROUND ADA COMPLIANT PARKING SPACE TO BE MILLED AND OVERLAIN AS NECESSARY TO ALLOW FOR SMOOTH/FLUSH TRANSITION BETWEEN PAVEMENT, AND PAVEMENT TO REMAIN.

LIMITS OF MILL AND OVER LAY TO BE CONFIRMED IN THE FIELD. LIMITS AS SHOWN ARE APPROXIMATE

PROTECT EXISTING BITUMINOUS CONCRETE PAVEMENT, CURBING, AND LANDSCAPING OUTSIDE OF DEMOLITION AREA. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO REPAIR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION AND TO RESTORE SITE TO PRE-CONSTRUCTION CONDITION. (TYP.)

PROTECT EXISTING SIGNS, TO REMAIN

PROTECT EXISTING HISTORICAL FOUNDATION REMAINS. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO REPORT ANY DAMAGE, IF IT OCCURS, DURING CONSTRUCTION AND TO COORDINATE WITH THE OWNER AND ARCHITECT WHAT MEASURES ARE TO BE TAKEN TO REPAIR AND RESTORE TO PRE-CONSTRUCTION CONDITION. (TYP.)

EXISTING LIGHT POLES TO BE PROTECTED, TO REMAIN.

DEMOLISH EXISTING BITUMINOUS CONCRETE CURBING WITHIN DEMOLITION AREA. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO PROVIDE SUITABLE FILL FOR ALL VOIDS AND TO ACHIEVE REQUIRED SUBBASE COMPACTION FOR THE AREAS INTENDED USE.

REMOVE AND DEMOLISH EXISTING HANDICAP SIGN. REPLACEMENT SIGN TO BE INSTALLED AT THE NEW ACCESSIBLE PARKING SPACES ONCE CONSTRUCTION IS COMPLETE.

REMOVE AND SAFELY STORE EXISTING SIGN, TO BE REINSTALLED ONCE CONSTRUCTION IS COMPLETE. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO ENSURE NO DAMAGE WILL OCCUR.

EXISTING LIGHT POLE TO BE PROTECTED, TO REMAIN.

EXISTING TREE TO BE PROTECTED, TO REMAIN.

CONTRACTOR TO FIELD STAKE AND INSTALL A CONSTRUCTION FENCE AROUND THE EDGE OF THE EXISTING LEACHING FIELDS AND SEPTIC TANK, TO ENSURE THAT NO CONSTRUCTION EQUIPMENT OR STAGING WILL ENTER INTO THE AREA OR CAUSE ANY EXTERIOR LOADS ONTO EXISTING SEPTIC SYSTEM. THE SEPTIC SYSTEM LEACHING FIELD AND TANK WERE INSTALLED IN 1974. CONDITION OF SEPTIC SYSTEM UNKNOWN AND ANY DAMAGE TO SEPTIC SYSTEM WILL REQUIRE IMMEDIATE REPAIR AT THE THE CONTRACTORS EXPENSE.

PROTECT EXISTING LEACHING FIELDS, AND SEPTIC TANK. EXACT LOCATIONS ARE UNKNOWN. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO ENSURE NO DAMAGE IS DONE, AND TO MAKE ANY REPAIRS TO DAMAGE IF IT DOES OCCUR DURING CONSTRUCTION. ACCORDING TO MAPPING, REFERENCE #2, LEACHING FIELD IS CONSTRUCTED OF 4" PERFORATED BITUMINOUS PIPE AND STONE

PROTECT EXISTING BENCH AND PEA STONE PATH, TO REMAIN. IF BENCH NEEDS TO BE MOVED, CONTRACTOR TO REMOVE AND SAFELY STORE ONSITE AND REINSTALL AT THE SAME LOCATION ONCE CONSTRUCTION IS COMPLETE. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO ENSURE NO DAMAGE WILL OCCUR.

STONE PATH AREA TO BE PROTECTED, TO REMAIN

PROTECTED TREE TO REMAIN

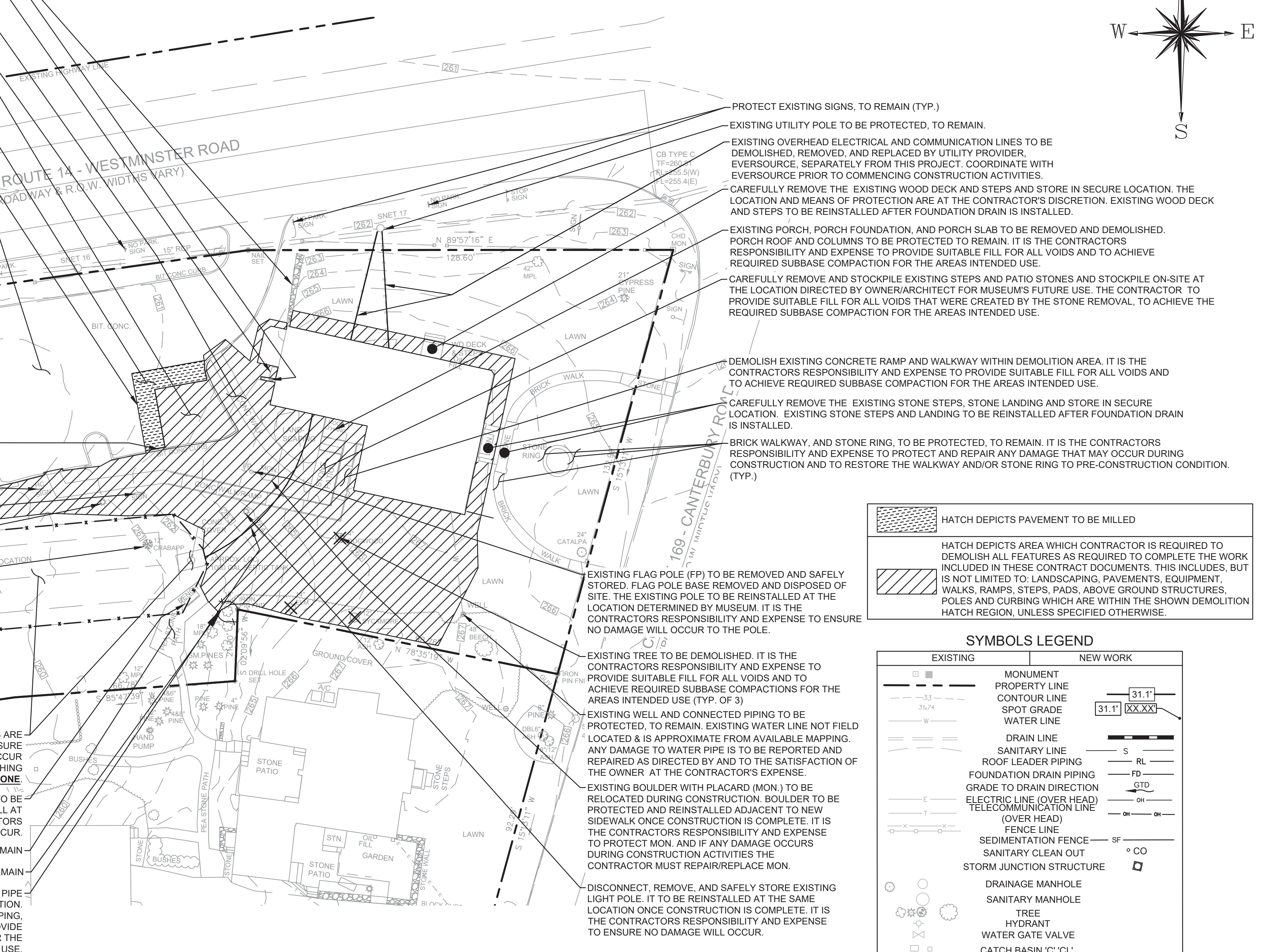
DEMOLISH SECTION OF THE EXISTING SANITARY SEWER PIPE. CAP REMAINING PIPE SECTIONS AT THE EXISTING SEPTIC TANK AND BUILDING FOR A NEW PIPE INSTALLATION. PIPE NOT FIELD LOCATED, LOCATION APPROXIMATED FROM ARCHIVE MAPPING, REFERENCE #2. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO PROVIDE SUITABLE FILL FOR ALL VOIDS AND TO ACHIEVE REQUIRED SUBBASE COMPACTION FOR THE AREAS INTENDED USE.

DEMOLITION NOTES:

1. THE TERM DEMOLISH SHALL MEAN TO REMOVE ALL COMPONENTS OF THE NOTED ITEM AND TO DISPOSE OF THEM OFF SITE IN A MANNER CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS.
2. BURYING OF ANY DEBRIS ON SITE IS NOT PERMITTED
3. BURNING ON SITE IS NOT PERMITTED.
4. INDICATED UNDERGROUND UTILITIES ARE BASED ON INDICATED MAP REFERENCES. THE LOCATIONS ARE CONSIDERED APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND.
5. CONTRACTOR SHALL CALL "CALL BEFORE YOU DIG" 1.800.922.4455 FOR MARK OUT 72 HOURS PRIOR TO ANY SITE EXCAVATION.
6. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO VERIFY THE LOCATION OF ALL EXISTING ABOVE AND BELOW GROUND UTILITIES PRIOR TO STARTING WORK.
7. ALL UTILITY DISCONNECTION OR REMOVALS SHALL BE COORDINATED WITH THE TOWN OF CANTERBURY AND APPROPRIATE UTILITY SERVICE PROVIDER.
8. CONTRACTOR IS REQUIRED TO DEMOLISH ALL FEATURES AS REQUIRED. THIS INCLUDES, BUT IS NOT LIMITED TO: LANDSCAPING, PAVEMENTS, EQUIPMENT, WALKS, RAMPS, STEPS, PADS, ABOVE GROUND STRUCTURES, POLES, EXISTING METAL HAND RAILING, AND CURBING WHICH ARE WITHIN THE SHOWN DEMOLITION HATCH REGION, UNLESS SPECIFIED OTHERWISE.
9. CONTRACTOR CAREFULLY DISCONNECT, REMOVE, AND SAFELY STORE SITE ITEMS THAT NOTED TO BE SALVAGED ON THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE TO ENSURE NO DAMAGE WILL OCCUR. THE LOCATION AND MEANS OF PROTECTION ARE AT THE CONTRACTOR'S DISCRETION.
10. IT IS THE CONTRACTORS RESPONSIBILITY AND EXPENSE TO PROVIDE SUITABLE FILL FOR ALL VOIDS AND TO ACHIEVE REQUIRED SUBBASE COMPACTIONS FOR THE AREAS INTENDED USE.
11. CONTRACTOR REQUIRED TO PERFORM EARTHWORK TO MEET ALL NEW GRADING REQUIRED WITHIN LIMIT OF WORK.
12. THE PROJECT SITE CONTAINS LIGHTING CONDUITS AND HANDHOLES THAT LOCATION IS UNKNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING CONDUITS AND HANDHOLES FROM DAMAGE DURING OF THE CONSTRUCTION ACTIVITY. IF THE DAMAGE OCCURS, THE CONTRACTOR MUST REPORT THE DAMAGE AND REPAIR AT HIS/HER EXPENSE.
13. THE CONTRACTOR SHALL CONSULT WITH ARCHITECT FOR FURTHER DIRECTION WHEN OTHER UNIDENTIFIED UNDERGROUND FEATURES AND/OR UTILITIES NOT SHOWN OR NOTED ON SITE PLANS ARE FOUND TO BE IN CONFLICT WITH THE CONSTRUCTION.
14. ALL FUEL, OIL PAINTS, OR OTHER HAZARDOUS MATERIALS STORED ON-SITE DURING THE DEMOLITION PERIOD SHOULD BE IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR WHEN THEY ARE NOT BEING USED. BULK FUEL FOR CONSTRUCTION EQUIPMENT IS NOT TO BE STORED ON-SITE. IF THIS BECOMES NECESSARY, FUEL SHOULD BE LOCATED WITHIN A SECONDARY CONTAINMENT SYSTEM TO PREVENT LEAKS ENTERING THE ENVIRONMENT. SHELTERED FROM PRECIPITATION, AND IN A SECURED AREA. THE FUELING OF VEHICLES SHALL TAKE PLACE ON AN IMPERVIOUS SURFACE PROTECTED BY A DIKE TO CONTAIN SPILLAGE. A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SHOULD BE AVAILABLE, ESPECIALLY DURING REFUELING TO CLEAN UP ANY SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE OR OIL. IF SPILL OCCURS CONTRACTOR, IS TO CALL CT DEP, 24-HOURS A DAY, AT (860) 424-3338 TO ALERT A SPILL RESPONSE TEAM.
15. IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE TO PROTECT WESTMINSTER ROAD, SOUTH CANTERBURY ROAD, EXISTING BUILDINGS, AND PAVED SURFACES OUTSIDE CONSTRUCTION LIMITS FROM DAMAGE AS A DIRECT RESULT OF THE CONSTRUCTION ACTIVITY. ANY DAMAGE TO STREETS, DRIVEWAYS, BUILDINGS AND/OR PARKING LOTS ARE TO BE REPORTED AND REPAIRED AS DIRECTED BY AND TO THE SATISFACTION OF THE OWNER AND/OR THE TOWN OF CANTERBURY OFFICIALS AT THE CONTRACTOR'S EXPENSE.
16. THE CONTRACTOR SHALL PROTECT THE EXISTING SIGNAGE AS NOTED ON THIS PLAN AND SHALL CHOOSE APPROPRIATE MEANS AND METHODS OF PROTECTION. HE/SHE MAY REMOVE AND TEMPORARILY STORE THE SIGNAGE, AND REINSTALL AFTER CONSTRUCTION IS COMPLETE.
17. ANY ABANDONED EXISTING UTILITY PIPES EXPOSED DURING CONSTRUCTION SHALL BE CUT AND REMOVED. THE REMAINDER OF THE PIPE SHALL BE PLUGGED AND LEFT IN-PLACE, AND VOID TO BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED FOR THE AREA'S INTENDED USE AT THE CONTRACTORS EXPENSE.
18. CONTRACTOR SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18 INCHES BETWEEN SANITARY SEWER, WATER, AND DRAIN PIPES, MEASURED FROM CROWN TO INVERT. IF THIS CANNOT BE ACHIEVED THE SANITARY PIPE MUST BE SLEEVED OR ENCASED IN CONCRETE.

TREE PROTECTION NOTES:

1. BEFORE BEGINNING ANY ON SITE REMOVALS OR CONSTRUCTION, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND TREES INDICATED TO REMAIN ON THIS PLAN, FOLLOWING THE INSTALLATION OF TREE PROTECTION FENCING, AND FOR THE ENTIRE CONSTRUCTION PERIOD, THE FOLLOWING SHALL APPLY.
 - NO MATERIALS, VEHICLES OR EQUIPMENT MAY BE STORED OR STOCKPILED WITHIN THE AREAS ENCLOSED BY TREE PROTECTION FENCING.
 - NO VEHICLES OR EQUIPMENT MAY BE DRIVEN, OPERATED OR PARKED WITHIN AREAS ENCLOSED BY TREE PROTECTION.
 - AREAS ENCLOSED BY TREE PROTECTION CAN NOT BE USED AS ROUTES FOR SITE TRAFFIC
 - FENCING SHALL BE RESECURED AS NECESSARY AND MAINTAINED TAUT. FENCING SHALL BE REPAIRED OR REPLACED WHEN DAMAGED AT THE CONTRACTOR'S EXPENSE.
 - IN SPECIAL CASES WHERE CONSTRUCTION OPERATIONS ABSOLUTELY REQUIRE SOME TEMPORARY ENCROACHMENT INTO TREE PROTECTION AREAS, THE CONTRACTOR SHALL PRESENT A WORK PLAN FOR TEMPORARY ENCROACHMENT FOR THE ARCHITECT'S APPROVAL.
2. ALL EXCAVATION OR TRENCHING WITHIN THE AREAS OF EXISTING TREE ROOTS SHALL BE PERFORMED BY HAND.
 - ROOTS IN TRENCH SHALL BE CUT SMOOTH AND CLEAN USING SHARP TOOLS. NO RIPPING OF TREE ROOTS BY MACHINES IS PERMITTED.
 - NO JAGGED EDGES OF ROOTS SHALL BE PERMITTED.
 - SIDES OF EXCAVATIONS SHALL BE CLEAN AND STRAIGHT.
 - IMMEDIATELY FOLLOWING TRENCHING OR EXCAVATION OPERATIONS, AREAS AT TREE ROOTS SHALL BE BACKFILLED.
 - ROOTS SHALL NOT BE LEFT EXPOSED OVERNIGHT.
 - BACKFILL SHALL BE A MIX OF 50% TOPSOIL AND 50% CLEAN SAND.
 - BACKFILL SHALL BE HAND COMPACTED IN PLACE TO FILL ALL VOIDS.
3. EXTREME CARE SHALL BE TAKEN TO AVOID ANY DAMAGE TO TRUNKS, BRANCHES AND ROOTS.
 - ANY DAMAGE CAUSED TO TREES SHALL BE IMMEDIATELY REMEDIED BY THE CONTRACTOR.
 - REMEDIAL WORK MAY INCLUDE PRUNING, WOUND TREATMENT, CABLING OR ADDITIONAL MEASURES AS DETERMINED BY THE ARCHITECT.
4. THE CONTRACTOR SHALL REVIEW ALL PLANNED CONSTRUCTION OPERATIONS THAT MAY RESULT IN TREE DAMAGE FOR REVIEW AND APPROVAL BY THE ARCHITECT.
 - SPECIAL ATTENTION SHALL BE MADE TO THE PATH OF PLACING CONSTRUCTION MATERIAL ON SITE BY CRANE.
 - THE CONTRACTOR SHALL PRESENT A WORK PLAN AND TREE PROTECTION MEASURES TO MINIMIZE DAMAGE TO TREES.

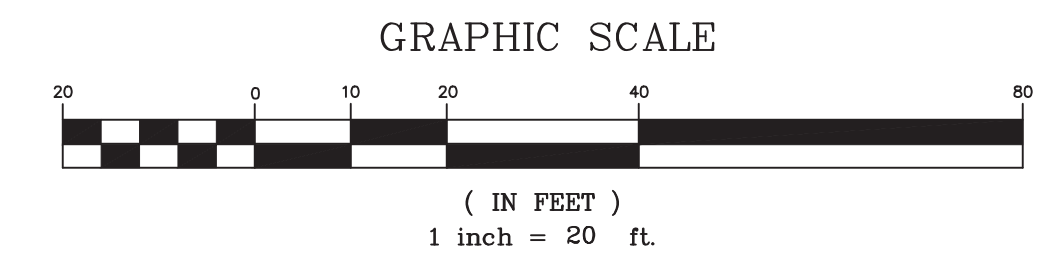


HATCH DEPICTS PAVEMENT TO BE MILLED

HATCH DEPICTS AREA WHICH CONTRACTOR IS REQUIRED TO DEMOLISH ALL FEATURES AS REQUIRED TO COMPLETE THE WORK INCLUDED IN THESE CONTRACT DOCUMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO: LANDSCAPING, PAVEMENTS, EQUIPMENT, WALKS, RAMPS, STEPS, PADS, ABOVE GROUND STRUCTURES, POLES AND CURBING WHICH ARE WITHIN THE SHOWN DEMOLITION HATCH REGION, UNLESS SPECIFIED OTHERWISE.

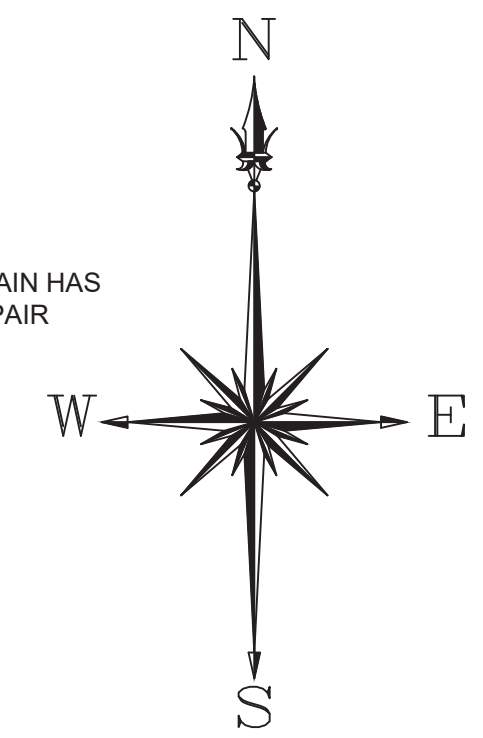
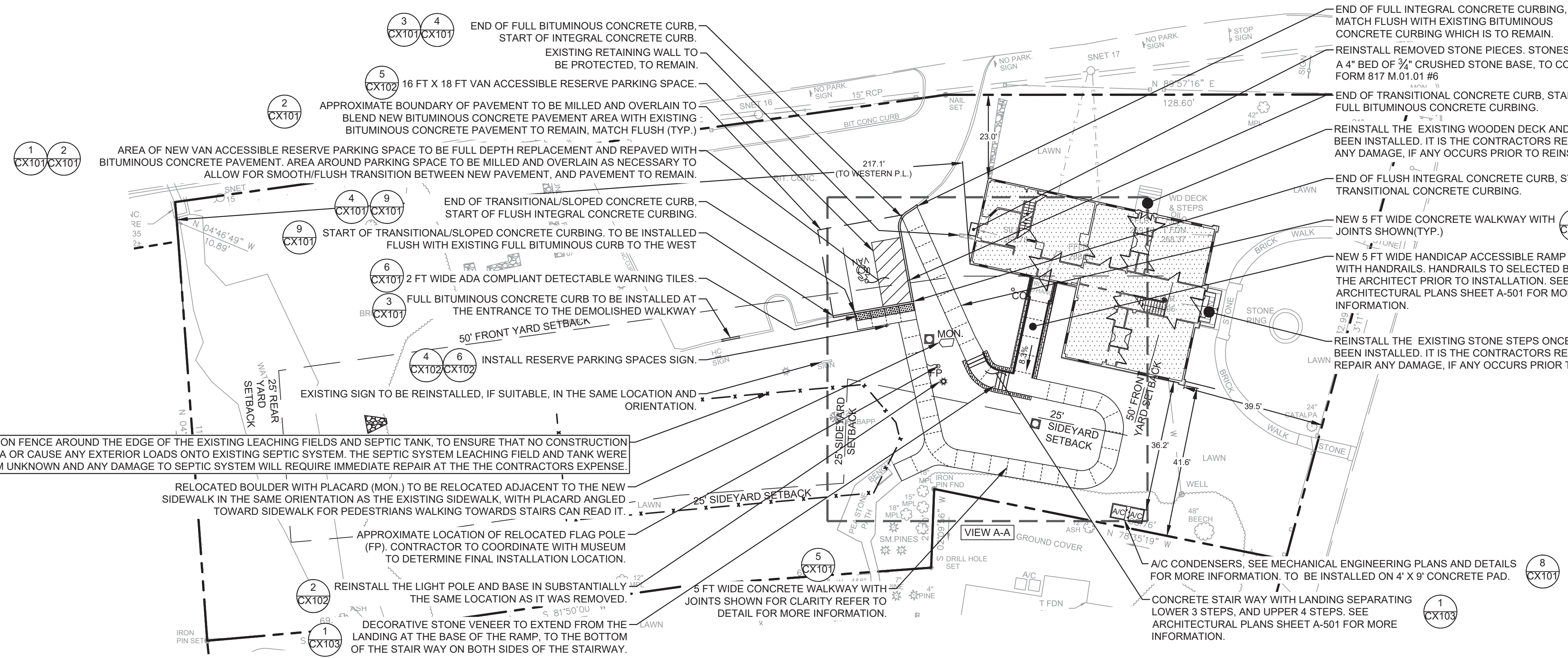
SYMBOLS LEGEND

EXISTING	NEW WORK
	MONUMENT
	PROPERTY LINE
	CONTOUR LINE
	SPOT GRADE
	WATER LINE
	DRAIN LINE
	SANITARY LINE
	ROOF LEADER PIPING
	FOUNDATION DRAIN PIPING
	GRADE TO DRAIN DIRECTION
	ELECTRIC LINE (OVER HEAD)
	TELECOMMUNICATION LINE (OVER HEAD)
	FENCE LINE
	SEDIMENTATION FENCE
	SANITARY CLEAN OUT
	STORM JUNCTION STRUCTURE
	DRAINAGE MANHOLE
	SANITARY MANHOLE
	TREE
	HYDRANT
	WATER GATE VALVE
	CATCH BASIN 'C' 'CL'
	SILT SOCK
	METAL POST/ BOLLARD
	SIGN
	LIGHT POLE
	UTILITY POLE
	GUY WIRE

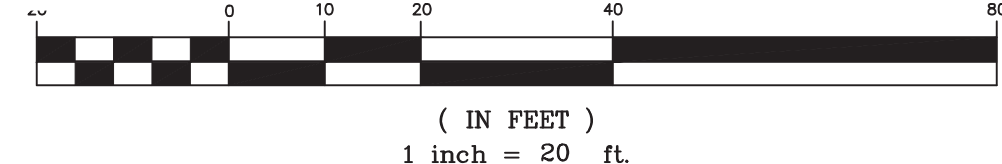


- MAP REFERENCES:**
1. "PROPERTY & TOPOGRAPHIC SURVEY #1 AND #5 SOUTH CANTERBURY ROAD" PREPARED BY CLARK LAND SURVEYING, LLC. DATED: 01/22/2019; SCALE: 1"=20'; VERTICLE DATUM: NGVD 29; HORIZONTAL DATUM: NAD 27
 2. SEPTIC LAYOUT DRAWING, PREPARED BY "A. MASTRONUNZIO, REGISTERED ARCHITECT; DATED: 02/08/19XX; SCALE: UNKNOWN, PART OF SEPTIC INSTALLATION PACKAGE SUBMITTED ON 06/13/1974

drawing title SITE DEMOLITION PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal 	REVISIONS mark date description	drawing prepared by MARTINEZ COUCH & ASSOCIATES, LLC. 1084 CROMWELL AVE. ROCKY HILL, CT 06067	date 10/19/2019 scale 1"=20'
		project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	drawn by SDEC approved by REC drawing no. CD-101
		CAD no. CD-101 CIVIL SITE DEMO.	project no. BI-RR-28



ENTIRE PROPERTY VIEW GRAPHIC SCALE



NOTE: INDICATED UNDERGROUND UTILITIES ARE BASED ON INDICATED MAP REFERENCES. THE LOCATIONS ARE TO BE CONSIDERED APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND.

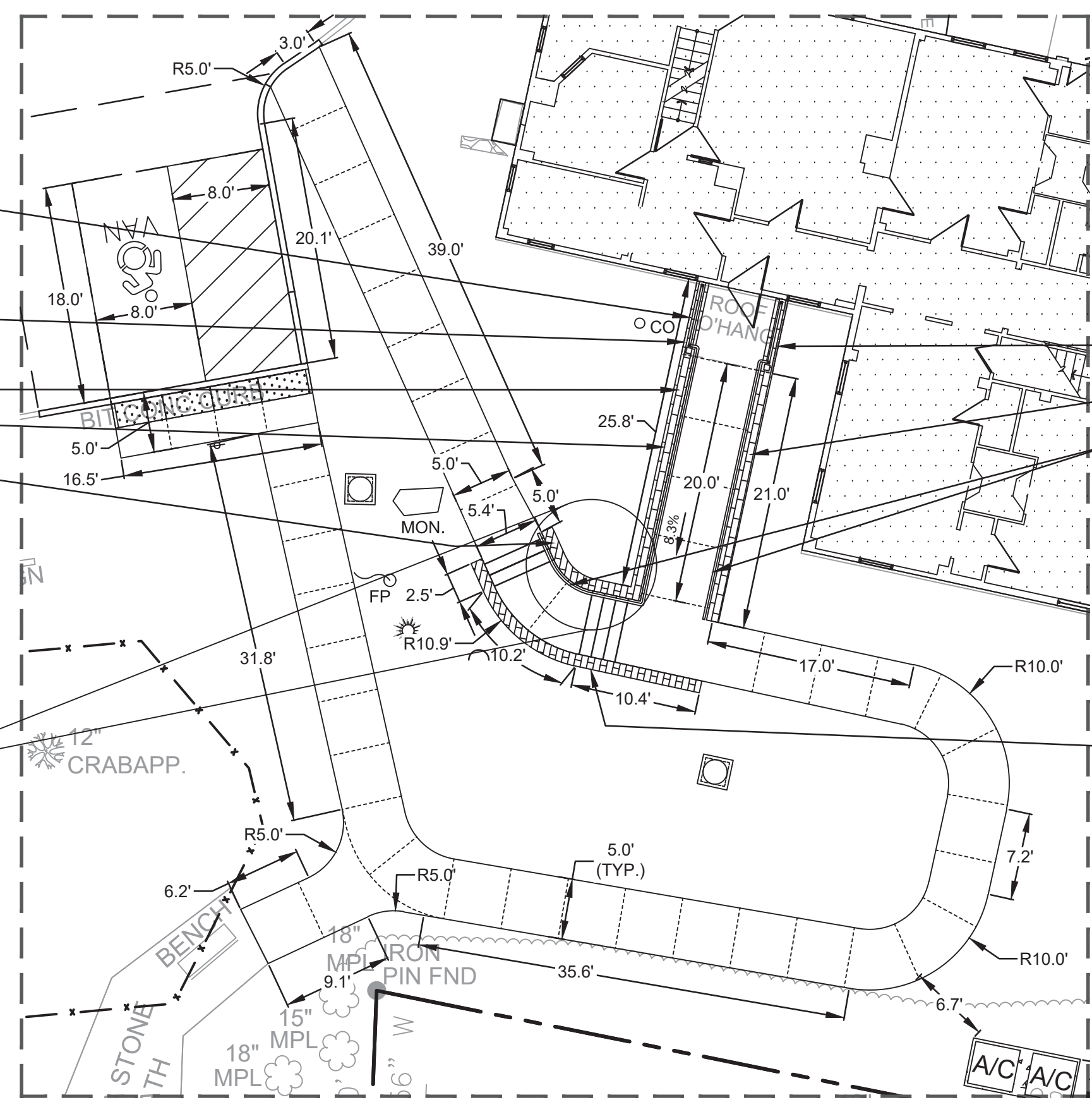
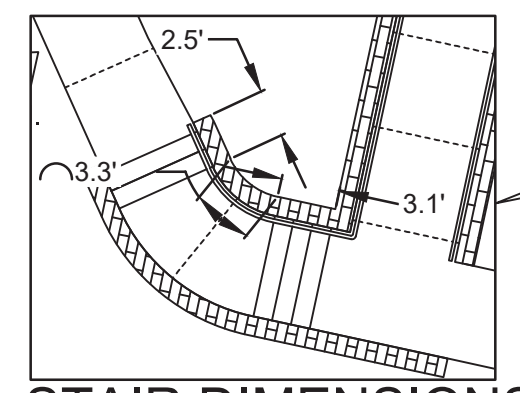
ACCESSIBILITY NOTES:

1. THE CONTRACTOR SHALL ENSURE THAT THE HANDICAPPED ACCESSIBLE PARKING AREA, AS SHOWN ON SHEET CG-101, IS CONSTRUCTED SO AS NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.
2. THE CONTRACTOR SHALL ENSURE THAT HANDICAPPED ACCESS RAMP MEETS THE ADA GRADING REQUIREMENTS OF A MAXIMUM 8.33% MAXIMUM SLOPE.
3. THE CONTRACTOR SHALL ENSURE THAT THE NEW CONCRETE WALKWAYS IS CONSTRUCTED SO AS TO HAVE 5% OR LESS LONGITUDINAL SLOPE AND A MAXIMUM OF 2% OR LESS CROSS SLOPE. ANY NEW CONSTRUCTED WALKWAYS THAT DO NOT MEET THE LONGITUDINAL AND/OR CROSS SLOPE REQUIREMENT SHALL BE REMOVED AND REINSTALLED AT THE CONTRACTOR'S EXPENSE.
4. ALL AREAS ARE GRADED TO PROVIDE DRAINAGE AWAY FROM BUILDINGS. PONDING ON ANY PAVEMENT SURFACES WILL BE CAUSE FOR REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
5. ALL WORK SHALL COMPLY WITH CONNECTICUT DOT FORM 817 "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION" LATEST EDITION AS A MINIMAL ACCEPTABLE STANDARD.
6. ADA COMPLIANT DETECTABLE WARNING "TILES" TO BE PROVIDED AT ALL ACCESSIBLE ROUTES WHERE THE WALKWAY ENTERS INTO CROSSING VEHICULAR TRAFFIC AND AS DIRECTED BY ARCHITECT.

CONSTRUCTION NOTES:

1. ALL FUEL, OIL, PAINTS, OR OTHER HAZARDOUS MATERIALS STORED ON-SITE DURING THE CONSTRUCTION PERIOD SHOULD BE IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR WHEN THEY ARE NOT BEING USED. BULK FUEL FOR CONSTRUCTION EQUIPMENT SHALL NOT BE STORED ON-SITE. IF THIS BECOMES NECESSARY, FUEL SHOULD BE LOCATED WITHIN A SECONDARY CONTAINMENT SYSTEM TO PREVENT LEAKS FROM ENTERING THE ENVIRONMENT. SHELTERED FROM PRECIPITATION, AND IN A SECURED AREA. A SUPPLY OF ABSORBENT SPILL RESPONSE MATERIAL SHOULD BE AVAILABLE, ESPECIALLY DURING REFUELING, TO CLEAN UP ANY SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE OR OIL. IF SPILL OCCURS CALL 24-HOURS A DAY AT (860) 424-3338 TO ALERT SPILL RESPONSE TEAM.
2. THE CONTRACTOR MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL DEVICES, AS SHOWN ON SHEET CJ-101, UNTIL ALL INSTALLATION IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
3. INDICATED UNDERGROUND UTILITIES ARE BASED ON INDICATED MAP REFERENCES. THE LOCATIONS ARE CONSIDERED APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND.
4. ALL MATERIAL EXCAVATION, FILLING SHALL BE IN CONFORMANCE WITH APPROPRIATE SECTIONS OF THE TOWN OF CANTERBURY ZONING REGULATIONS, AND PUBLIC WORKS STANDARDS, AND REQUIREMENTS.
5. CONTRACTOR SHALL USE WORK METHODS APPROVED BY OSHA FOR ALL TRENCHING AND EXCAVATION.
6. NO GRADED EARTH SLOPE SHALL EXCEED A 3H:1V SLOPE.
7. ALL SITE WORK SHALL BE IN CONFORMANCE WITH THE CONSTRUCTION SPECIFICATION OR LATEST CT DOT FORM 817 SPECIFICATIONS AS A MINIMUM ACCEPTABLE STANDARD.
8. REFER TO SHEETS CJ-102, CX-101 THRU CX-103 FOR SITE DETAILS

1. STONE VENEER TO BE INSTALLED ON BOTH SIDES OF THE CHEEK WALL. (TYP.)
2. STONE FACE ABOVE GRADE AT PORCH AND RETAINING WALLS.
2. STONE CAP MIN. 4" ABOVE WALKING SURFACE
2. STONE FACE ABOVE GRADE AT RETAINING WALLS.



SYMBOLS LEGEND

EXISTING	NEW WORK
	MONUMENT
	PROPERTY LINE
	CONTOUR LINE
	SPOT GRADE
	WATER LINE
	DRAIN LINE
	SANITARY LINE
	ROOF LEADER PIPING
	FOUNDATION DRAIN PIPING
	GRADE TO DRAIN DIRECTION
	ELECTRIC LINE (OVER HEAD)
	TELECOMMUNICATION LINE (OVER HEAD)
	FENCE LINE
	SEDIMENTATION FENCE
	SANITARY CLEAN OUT
	STORM JUNCTION STRUCTURE
	DRAINAGE MANHOLE
	SANITARY MANHOLE
	TREE
	HYDRANT
	WATER GATE VALVE
	CATCH BASIN 'C' CL'
	SILT SOCK
	METAL POST/BOLLARD
	SIGN
	LIGHT POLE
	UTILITY POLE
	GUY WIRE

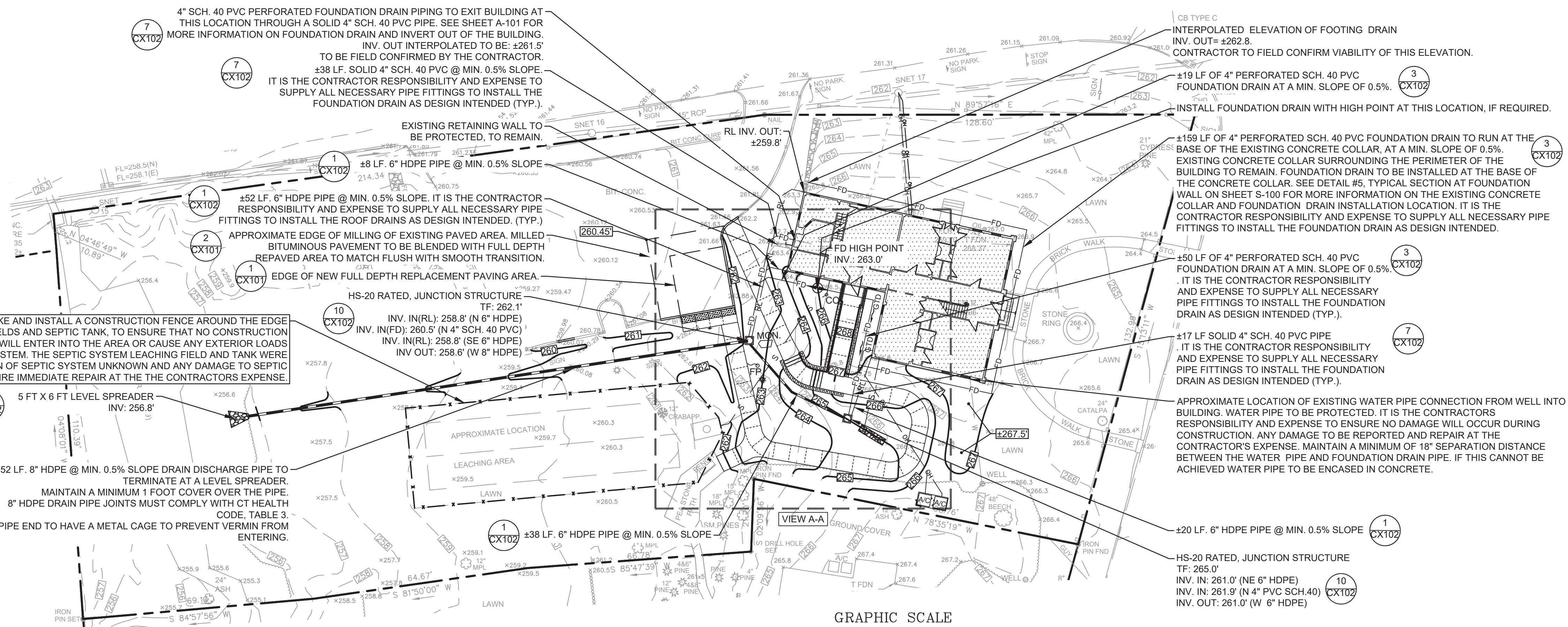
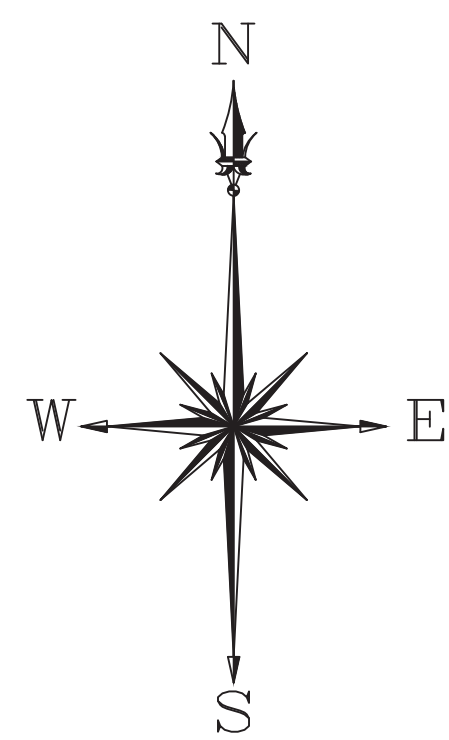
MAP REFERENCES:

1. "PROPERTY & TOPOGRAPHIC SURVEY #1 AND #5 SOUTH CANTERBURY ROAD" PREPARED BY CLARK LAND SURVEYING, LLC. DATED: 01/22/2019; SCALE: 1"=20'; VERTICLE DATUM: NGVD 29; HORIZONTAL DATUM: NAD 27
2. SEPTIC LAYOUT DRAWING, PREPARED BY "A. MASTRONUNZIO, REGISTERED ARCHITECT; DATED: 02/08/19XX; SCALE: UNKNOWN. PART OF SEPTIC INSTALLATION PACKAGE SUBMITTED ON 06/13/1974

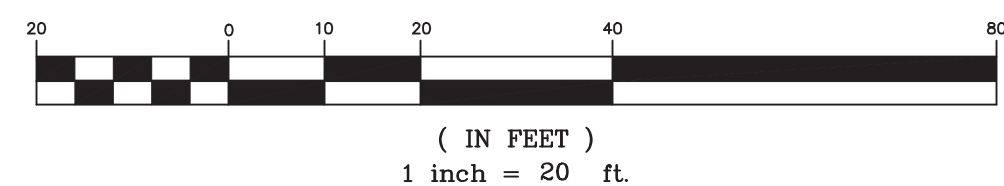
ZONING INFORMATION: RURAL DISTRICT			
ITEM	REQUIRED	EXISTING	NEW*
MINIMUM LOT AREA (SQ.FT.)	87,120	39,419	39,419
MINIMUM CONTIGUOUS AREA (SQ.FT.)	45,000	35782	35782
MINIMUM LOT WIDTH/FRONTAGE (FT.)	200	133	133
MINIMUM FRONT YARD SETBACK (FT.)	50 (25 WITH APPROVAL FROM COMMISSION)	23.0	23.0
MINIMUM SIDE YARDS SETBACK (FT.)	25	41.6	41.6
MINIMUM REAR YARD SETBACK (FT.)	25	217.1	217.1
MAXIMUM HEIGHT (FT.)	35	<35	<35

* CHANGES DUE TO CONSTRUCTION DO NOT CHANGE ANY OF THE ITEMS LISTED IN THE ZONING INFORMATION TABLE, REMAIN THE SAME AS EXISTING.

drawing title SITE LAYOUT PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	mark	REVISIONS	drawing prepared by MARTINEZ COUCH & ASSOCIATES, LLC. 1084 CROMWELL AVE. ROCKY HILL, CT 06067
	date	description	date 10/19/2019
	scale		scale AS NOTED
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by SDEC	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by REC	
CAD no. CS-101 CIVIL SITE LAYOUT	project no. BI-BR-28	drawing no. CS-101	



ENTIRE PROPERTY VIEW
Scale: 1" = 20'

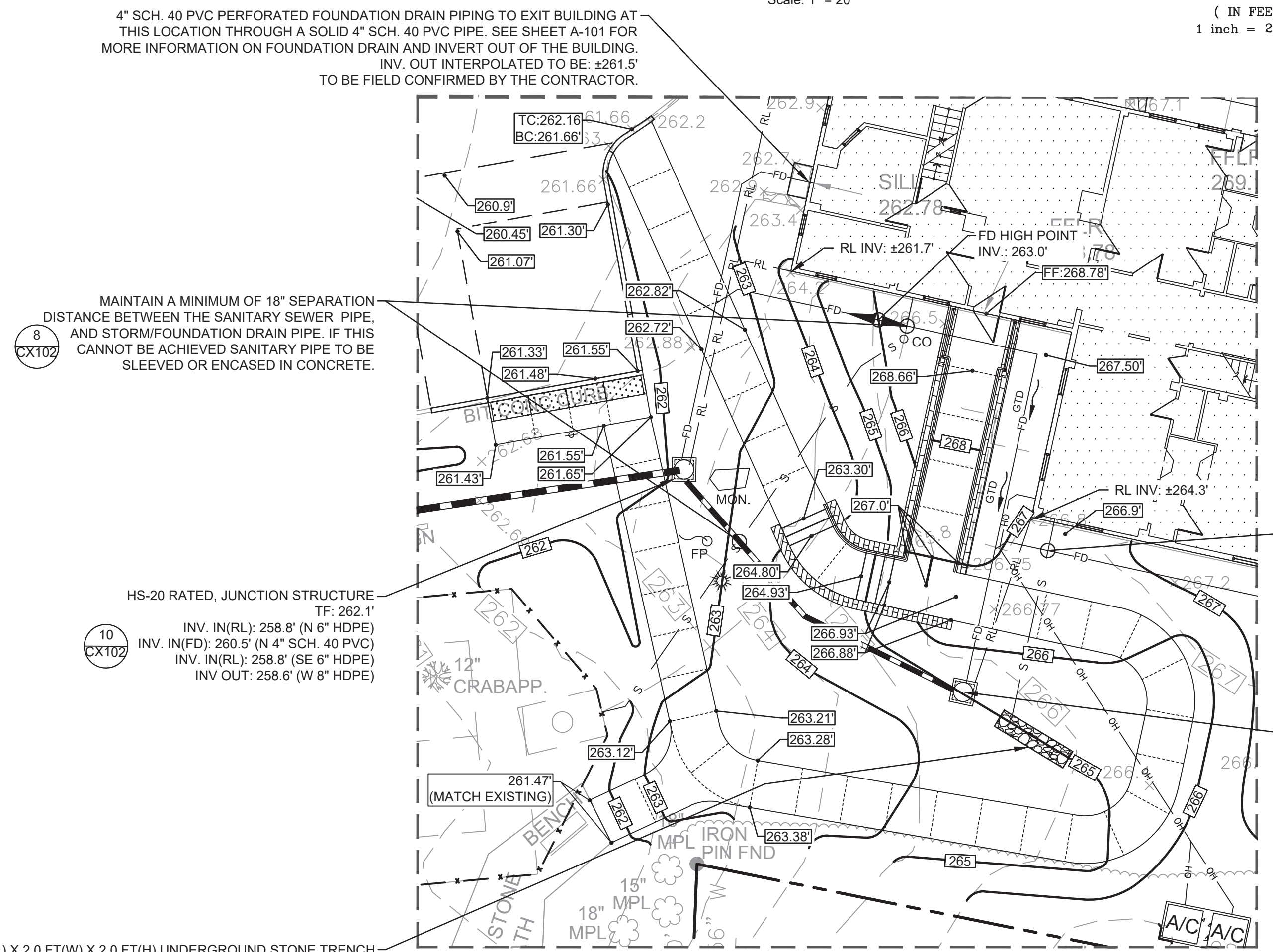


GRADING NOTES:

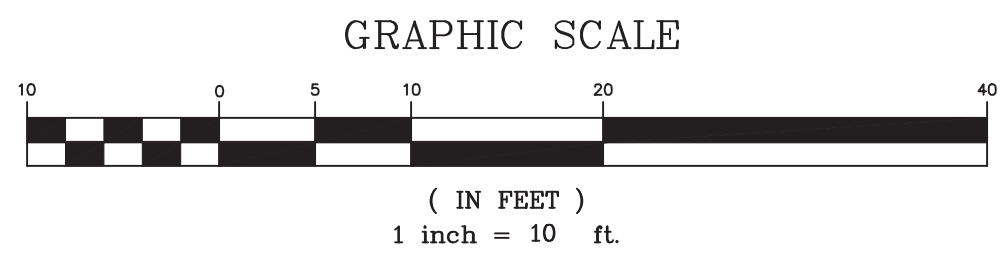
1. THE CONTRACTOR SHALL ENSURE THAT THE HANDICAPPED ACCESSIBLE PARKING AREA, AS SHOWN ON SHEET CS-101, IS CONSTRUCTED SO THAT IT WILL NOT EXCEED 2% SLOPE IN ANY DIRECTION.
2. THE CONTRACTOR SHALL ENSURE THAT THE HANDICAPPED ACCESS RAMP MEETS THE ADA GRADING REQUIREMENTS OF 8.33% MAXIMUM SLOPE.
3. THE CONTRACTOR SHALL ENSURE THAT THE NEW CONCRETE WALKWAYS IS CONSTRUCTED SO AS TO HAVE 5% OR LESS LONGITUDINAL SLOPE AND A MAXIMUM OF 2% OR LESS CROSS SLOPE. ANY NEW CONSTRUCTED WALKWAYS THAT DO NOT MEET THE LONGITUDINAL AND/OR CROSS SLOPE REQUIREMENT SHALL BE REMOVED AND REINSTALLED AT THE CONTRACTOR'S EXPENSE.
4. ALL AREAS ARE GRADED TO PROVIDE DRAINAGE AWAY FROM BUILDINGS. PONDING ON ANY PAVEMENT SURFACES WILL BE CAUSE FOR REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
5. EARTHEN SLOPES SHALL NOT EXCEED 3H:1V SLOPE.
6. ALL WORK SHALL COMPLY WITH CONNECTICUT DOT FORM 817 "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION" LATEST EDITION AS A MINIMAL ACCEPTABLE STANDARD.
7. ALL SLOPES ARE TO BE ADEQUATELY STABILIZED.
8. ADEQUATE COMPACTION OF FILL IS TO BE PROVIDED.

DRAINAGE NOTES:

1. ALL SOLID HDPE OR PVC STORM WATER PIPES TO BE WATER TIGHT JOINT PLASTIC PIPE OR APPROVED EQUAL, UNLESS NOTED OTHERWISE ON THESE PLANS.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE FOR FURNISHING NECESSARY PIPE FITTINGS AND ADDITIONAL PIPE AND STRUCTURE SECTIONS, AS REQUIRED, TO CONSTRUCT THE STORM WATER AND FOUNDATION DRAIN PIPE NETWORK AS INTENDED BY THESE PLANS.
3. THE CONTRACTOR IS TO START ALL WORK AT THE LOWEST POINTS DOWNSTREAM AND WORK UPSTREAM THROUGH THE SYSTEM. IT IS THE CONTRACTOR'S RESPONSIBILITY AND EXPENSE TO VERIFY IN THE FIELD THE INVERT IN AND OUT STORM AND FOUNDATION DRAIN ELEVATIONS AGAINST THE DESIGN PRIOR TO STARTING ANY WORK.
4. REFER TO DRAWING SHEET CX-102 FOR ALL STORM AND DRAIN WATER DETAILS.
5. CLEAN ALL INSTALLED STRUCTURES INCLUDING SUMPS AND PIPES AT SUBSTANTIAL COMPLETION. PIPES AND STRUCTURES TO BE LEFT CLEAN FOR OWNER AT COMPLETION OF CONSTRUCTION AT CONTRACTOR'S EXPENSE.
3. INDICATED UNDERGROUND UTILITIES ARE BASED ON INDICATED MAP REFERENCES. THE LOCATIONS ARE CONSIDERED APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL CALL "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND HAVE ALL UTILITIES MARKED ON THE GROUND.
4. THE PROJECT SITE CONTAINS LIGHTING CONDUITS AND HANDHOLES THAT LOCATION IS UNKNOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT THE EXISTING CONDUITS AND HANDHOLES FROM DAMAGE DURING OF THE CONSTRUCTION ACTIVITY. IF THE DAMAGE OCCURS, THE CONTRACTOR MUST REPORT THE DAMAGE AND REPAIR AT HIS/HER EXPENSE.
5. THE CONTRACTOR IS TO CONSULT WITH OWNER/ARCHITECT FOR FURTHER DIRECTION WHEN OTHER UNLISTED UNDERGROUND FEATURES AND/OR UTILITIES INCLUDING, BUT NOT LIMITED TO: STRUCTURES, PIPES, AND CONDUITS, NOT SHOWN OR NOTED ON THESE PLANS ARE FOUND TO BE IN CONFLICT WITH CONSTRUCTION.



VIEW A-A
Scale: 1" = 10'



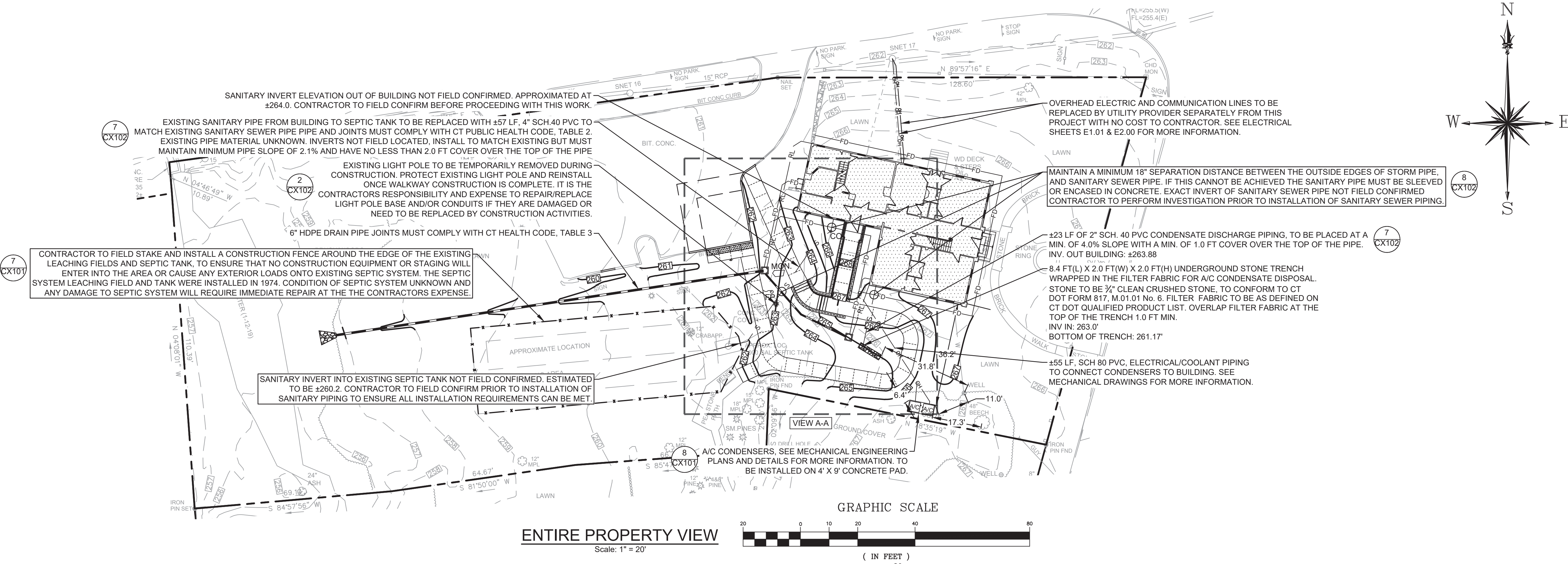
SYMBOLS LEGEND

EXISTING	NEW WORK

MAP REFERENCES:

1. "PROPERTY & TOPOGRAPHIC SURVEY #1 AND #5 SOUTH CANTERBURY ROAD" PREPARED BY CLARK LAND SURVEYING, LLC, DATED: 01/22/2019; SCALE: 1"=20'; VERTICLE DATUM: NGVD 29; HORIZONTAL DATUM: NAD 27
2. SEPTIC LAYOUT DRAWING, PREPARED BY "A. MASTRONUNZIO, REGISTERED ARCHITECT, DATED: 02/08/19XX; SCALE: UNKNOWN, PART OF SEPTIC INSTALLATION PACKAGE SUBMITTED ON 06/13/1974

drawing title SITE GRADING AND DRAINAGE PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by MARTINEZ COUCH & ASSOCIATES, LLC. 1084 CROMWELL AVE. ROCKY HILL, CT 06067	date 10/19/2019
	mark date description	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	scale AS NOTED
		CAD no. CG-101 GRADING & DRAIN.	project no. BI-RR-28
			drawn by SDEC
			approved by REC
			drawing no. CG-101

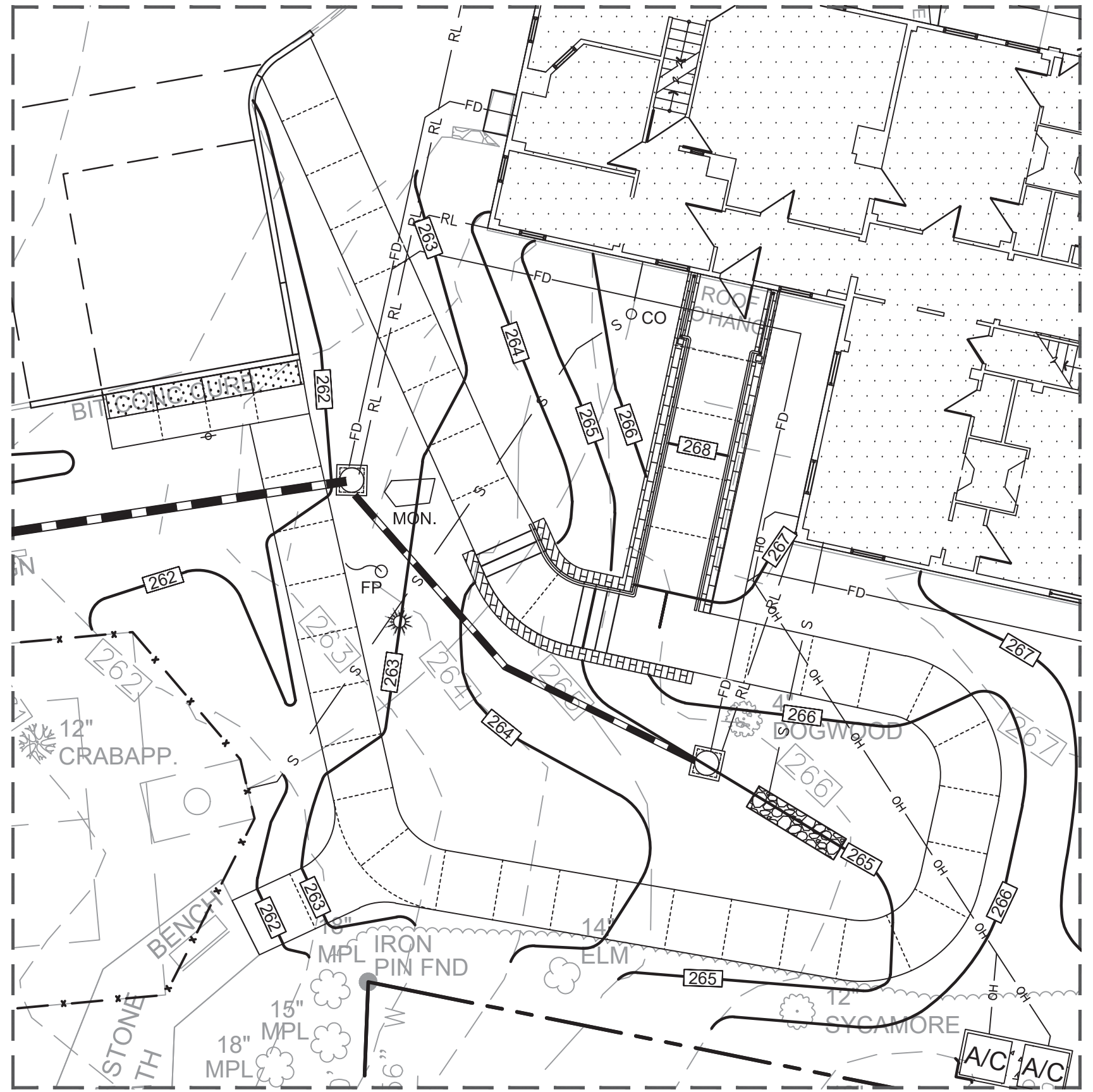


UTILITY NOTES:

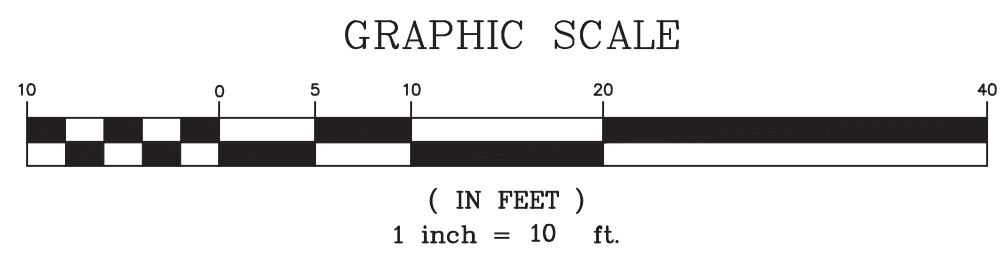
1. CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING UNDERGROUND UTILITIES LOCATIONS AND ELEVATIONS WITHIN THE CONSTRUCTION LIMITS PRIOR TO EXCAVATION. ANY EXISTING UNDERGROUND UTILITY IN CONFLICT WITH THE NEW UNDERGROUND UTILITY DESIGN TO BE RESOLVED AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR IS TO ENSURE CARE IS TAKEN TO PROTECT ANY UNDERGROUND UTILITIES, INCLUDING EXISTING ELECTRICAL LIGHTING CONDUITS AND/OR WIRES. IF ANY UTILITIES BECOME DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE APPROPRIATE AGENCY FOR IMMEDIATE REPAIR AT THE CONTRACTOR'S EXPENSE. CONTRACTOR IS TO REFER TO THE LATEST ELECTRICAL AND MECHANICAL SERIES DRAWINGS FOR ALL UTILITY OUTLET LOCATIONS AND CONNECTIONS.
3. THE UTILITIES THAT ARE NOT DEPENDENT UPON GRAVITY FLOW MUST BE INSTALLED TO AVOID CONFLICT WITH THE GRAVITY FLOW UTILITIES. EACH SUB-CONTRACTOR SHALL BE AWARE OF ALL UTILITIES THAT WILL BE CONSTRUCTED AS PART OF THIS PROJECT OR REMAIN ON THE SITE AND MUST COORDINATE TO AVOID UTILITY CONFLICTS. THIS INCLUDES THE NEED TO DETERMINE THE VERTICAL AND HORIZONTAL LOCATION OF OTHER UTILITIES AND TO ANTICIPATE THE CORRECT LOCATION FOR ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND ANY OTHER FEATURES, WHILE MAINTAINING MINIMUM REQUIRED COVER AND VERTICAL SEPARATION DISTANCES. NOT ALL POTENTIAL CONFLICTS HAVE BEEN NOTED ON THE DRAWINGS.
4. REFER TO MECHANICAL, PLUMBING, & ELECTRICAL ENGINEERING SHEETS FOR INTERNAL UTILITY CONNECTIONS AND DETAILS.

SYMBOLS LEGEND

EXISTING	NEW WORK
	MONUMENT
	PROPERTY LINE
	CONTOUR LINE
	SPOT GRADE
	WATER LINE
	DRAIN LINE
	SANITARY LINE
	ROOF LEADER PIPING
	FOUNDATION DRAIN PIPING
	GRADE TO DRAIN DIRECTION
	ELECTRIC LINE (OVER HEAD)
	TELECOMMUNICATION LINE
	FENCE LINE
	SEDIMENTATION FENCE
	SANITARY CLEAN OUT
	STORM JUNCTION STRUCTURE
	DRAINAGE MANHOLE
	SANITARY MANHOLE
	TREE
	HYDRANT
	WATER GATE VALVE
	CATCH BASIN 'C' 'CL'
	SILT SOCK
	METAL POST/ BOLLARD
	SIGN
	LIGHT POLE
	UTILITY POLE
	GUY WIRE



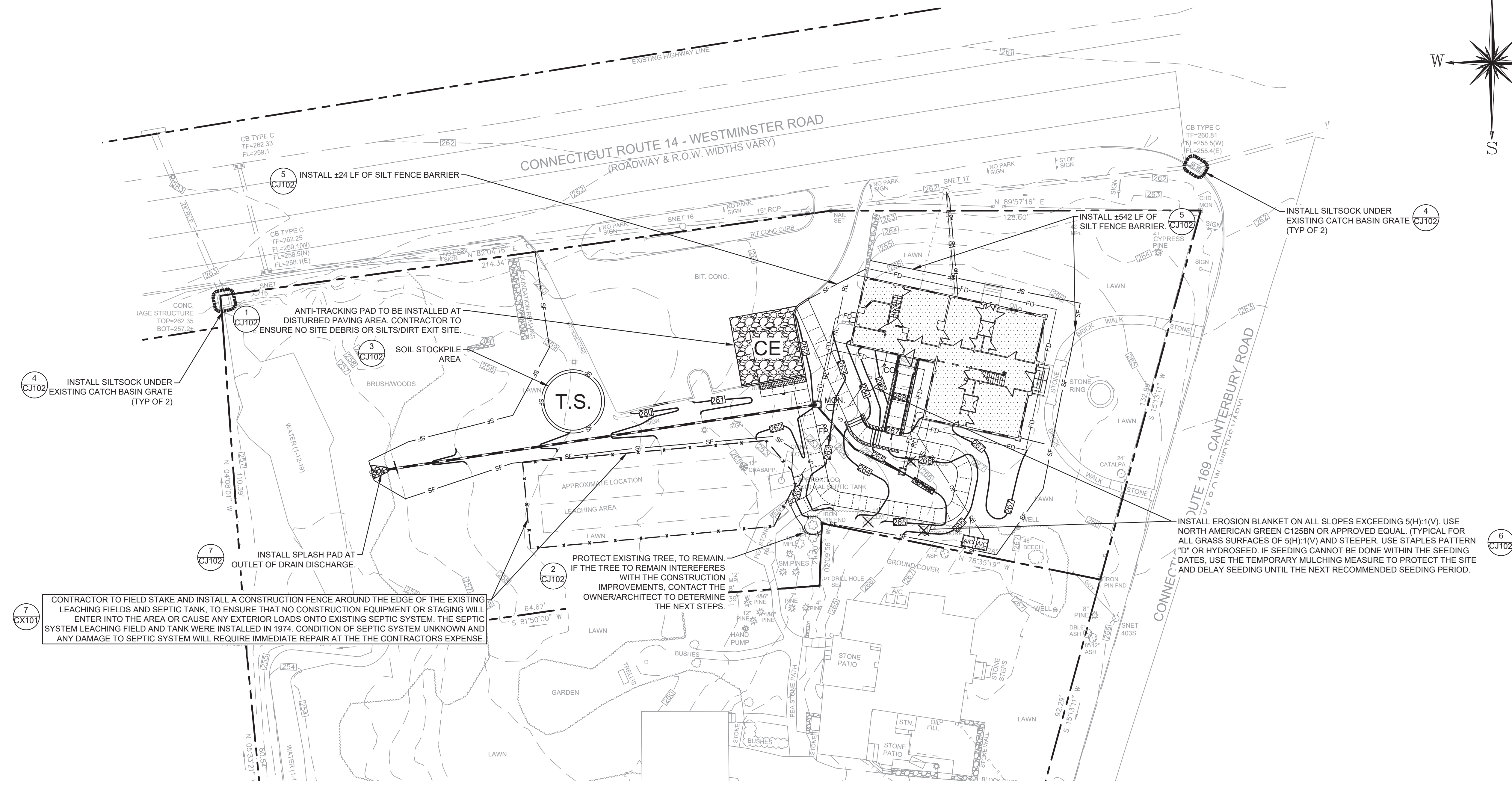
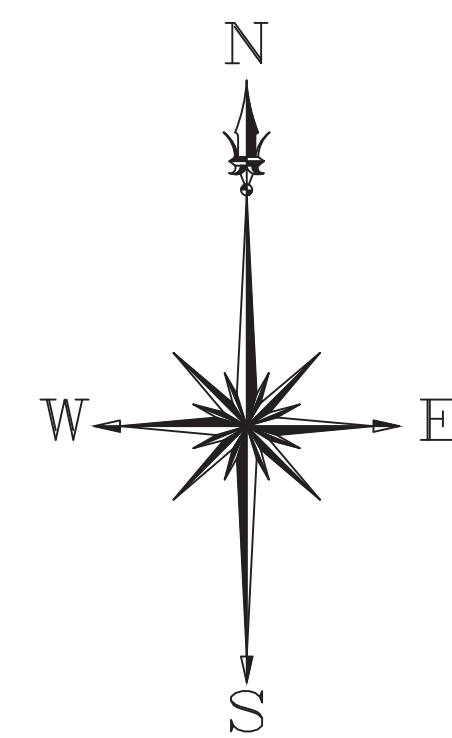
VIEW A-A
Scale: 1" = 10'



MAP REFERENCES:

1. "PROPERTY & TOPOGRAPHIC SURVEY #1 AND #5 SOUTH CANTERBURY ROAD" PREPARED BY CLARK LAND SURVEYING, LLC, DATED: 01/22/2019; SCALE: 1"=20'; VERTICLE DATUM: NGVD 29; HORIZONTAL DATUM: NAD 27
2. SEPTIC LAYOUT DRAWING, PREPARED BY "A. MASTRONUNZIO, REGISTERED ARCHITECT; DATED: 02/08/19XX; SCALE: UNKNOWN, PART OF SEPTIC INSTALLATION PACKAGE SUBMITTED ON 06/13/1974

drawing title SITE UTILITY PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by MARTINEZ COUCH & ASSOCIATES, LLC. 1084 CROMWELL AVE. ROCKY HILL, CT 06067	date 10/19/2019 scale AS NOTED
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by SDEC approved by REC drawing no. CU-101
CAD no. CU-101 CIVIL SITE UTILITIES	project no. BI-RR-28		



CONTRACTOR TO FIELD STAKE AND INSTALL A CONSTRUCTION FENCE AROUND THE EDGE OF THE EXISTING LEACHING FIELDS AND SEPTIC TANK, TO ENSURE THAT NO CONSTRUCTION EQUIPMENT OR STAGING WILL ENTER INTO THE AREA OR CAUSE ANY EXTERIOR LOADS ONTO EXISTING SEPTIC SYSTEM. THE SEPTIC SYSTEM LEACHING FIELD AND TANK WERE INSTALLED IN 1974. CONDITION OF SEPTIC SYSTEM UNKNOWN AND ANY DAMAGE TO SEPTIC SYSTEM WILL REQUIRE IMMEDIATE REPAIR AT THE CONTRACTORS EXPENSE.

PROTECT EXISTING TREE, TO REMAIN. IF THE TREE TO REMAIN INTERFERES WITH THE CONSTRUCTION IMPROVEMENTS, CONTACT THE OWNER/ARCHITECT TO DETERMINE THE NEXT STEPS.

INSTALL EROSION BLANKET ON ALL SLOPES EXCEEDING 5(H):1(V). USE NORTH AMERICAN GREEN C125BN OR APPROVED EQUAL. (TYPICAL FOR ALL GRASS SURFACES OF 5(H):1(V) AND STEEPER. USE STAPLES PATTERN "D" OR HYDROSEED. IF SEEDING CANNOT BE DONE WITHIN THE SEEDING DATES, USE THE TEMPORARY MULCHING MEASURE TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.

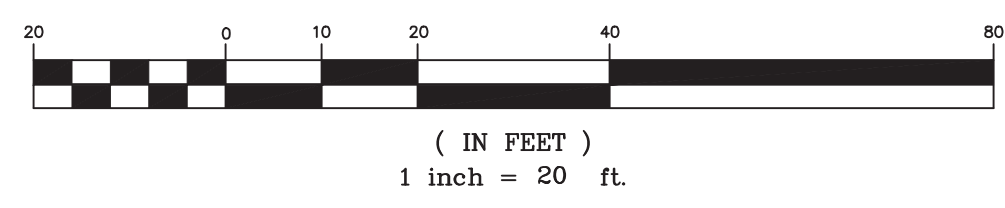
SYMBOLS LEGEND

EXISTING	NEW WORK
	MONUMENT
	PROPERTY LINE
	CONTOUR LINE
	SPOT GRADE
	WATER LINE
	DRAIN LINE
	SANITARY LINE
	ROOF LEADER PIPING
	FOUNDATION DRAIN PIPING
	GRADE TO DRAIN DIRECTION
	ELECTRIC LINE (OVER HEAD)
	TELECOMMUNICATION LINE (OVER HEAD)
	FENCE LINE
	SEDIMENTATION FENCE
	SANITARY CLEAN OUT
	STORM JUNCTION STRUCTURE
	DRAINAGE MANHOLE
	SANITARY MANHOLE
	TREE
	HYDRANT
	WATER GATE VALVE
	CATCH BASIN 'C' 'CL'
	SILTSACK
	METAL POST/BOLLARD
	SIGN
	LIGHT POLE
	UTILITY POLE
	GUY WIRE

SEDIMENTATION AND EROSION CONTROL MAINTENANCE

- SILTATION FENCE SHALL BE INSPECTED BY CONTRACTOR WEEKLY AND WITHIN 24 HOURS AFTER ANY STORM EVENT WITH AT LEAST 0.1" PRECIPITATION. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. THE BARRIER SHALL BE REPLACED PROMPTLY, SHOULD EITHER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSIT REMAINING IN PLACE AFTER THE BARRIERS IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE PREPARED AND TURF ESTABLISHED.
- THE ANTI-TRACKING PAD SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR THE FLOW OF SEDIMENT ONTO PAVED AREAS ON PUBLIC STREETS. STONE SHALL BE ADDED, DRESSED AND CLEANED AS REQUIRED. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED AREAS OUTSIDE THE CONSTRUCTION AREA SHALL BE REMOVED IMMEDIATELY.
- ALL STORM DRAINAGE STRUCTURES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS TO THE SILT SOCKS SHALL BE MADE IMMEDIATELY. THE SILT SOCK SHALL BE REPLACED PROMPTLY, SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE ESTABLISHMENT OF THE PERMANENT VEGETATIVE COVER. SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY A ONE-HALF DEPTH OF THE SILTSACK. AT THE END OF THE CONSTRUCTION, WHEN THE SITE IS STABLE AND PERMANENT COVER OF ALL DISTURBED SURFACES IS COMPLETED, REMOVE THE SILTSACKS.

GRAPHIC SCALE



MAP REFERENCES:

- "PROPERTY & TOPOGRAPHIC SURVEY #1 AND #5 SOUTH CANTERBURY ROAD" PREPARED BY CLARK LAND SURVEYING, LLC. DATED: 01/22/2019; SCALE: 1"=20'; VERTICLE DATUM: NGVD 29; HORIZONTAL DATUM: NAD 27
- SEPTIC LAYOUT DRAWING, PREPARED BY "A. MASTRONUNZIO, REGISTERED ARCHITECT; DATED: 02/08/19XX; SCALE: UNKNOWN, PART OF SEPTIC INSTALLATION PACKAGE SUBMITTED ON 06/13/1974

drawing title SEDIMENTATION AND EROSION CONTROL PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by MARTINEZ COUCH & ASSOCIATES, LLC. 1084 CROMWELL AVE. ROCKY HILL, CT 06067	date 10/19/2019 scale 1"=20'
	mark	project PRUDENCE CRANDALL MUSEUM RENOVATIONS	drawn by SDEC
	date	1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	approved by REC
	description	CAD no. CJ-101 SED. EROSION CTRL.	drawing no. CJ-101
		project no. BI-RR-28	

GENERAL SOIL EROSION AND SEDIMENT CONTROL NOTES

- (A) THE SOIL EROSION AND SEDIMENT CONTROL CONTACT PERSON: THE GENERAL CONTRACTOR HAS THE RESPONSIBILITY FOR IMPLEMENTING THE SOIL EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES:
- THE INSTALLATION AND MAINTENANCE OF THE REQUIRED CONTROL MEASURES
 - INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN
 - NOTIFYING THE PLANNING AND ZONING OFFICE OF ANY TRANSFER OF THIS RESPONSIBILITY
 - CONVEYING A COPY OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
- (B) ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY GRADING ACTIVITY, INSTALLATION OF STRUCTURES OR UTILITIES. MEASURES SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND/OR AREA IS STABILIZED.
- (C) ALL ENTRANCES TO THE PROJECT SITE ARE TO BE PROTECTED BY STONE TRACKING PADS OF ASTM C-33, SIZE NO. 2 OR 3, OR CT DOT #2 CRUSHED GRAVEL. THE STONE TRACKING PAD IS TO BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
- (D) LAND DISTURBANCE WILL BE KEPT TO A MINIMUM AND RESTABILIZATIONS WILL BE SCHEDULED AS SOON AS PRACTICAL.
- (E) ALL SOIL EROSION AND SEDIMENT CONTROL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL INCLUDING THE LATEST DATE FROM THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.
- (F) ANY ADDITIONAL EROSION/SEDIMENTATION CONTROL DEEMED NECESSARY BY TOWN STAFF DURING CONSTRUCTION, SHALL BE INSTALLED BY THE DEVELOPER. IN ADDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION OF THE TOWN STAFF.
- (G) IN ALL AREAS, REMOVAL OF TREES, BUSHES AND OTHER VEGETATION AS WELL AS DISTURBANCE OF THE SOIL IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE. DURING CONSTRUCTION, EXPOSE AS SMALL AN AREA OF SOIL AS POSSIBLE FOR AS SHORT A TIME AS POSSIBLE.
- (H) SILTATION FENCE/HAY BALE BARRIER SHALL BE PLACED AS INDICATED BEFORE A STAGING AREA HAS BEEN CREATED. SEDIMENT DEPOSITS SHOULD BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDES OF THE BARRIER. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR TO BE USED IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. THE BARRIER ARE TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. SILTATION FENCE/HAY BALE BARRIER IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE EROSION CHECKS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.
- (I) TOPSOIL IS TO BE STRIPPED AND STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS REQUIRING TOPSOIL. THE STOCKPILED TOPSOIL IS TO BE LOCATED AS INDICATED ON THE PLANS. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 30 DAYS, THE STOCKPILE SHALL BE TEMPORARILY SEEDED AND RINGED WITH A SILTATION FENCE TO PREVENT EROSION.
- (J) PIPE DISCHARGE AREAS (TEMPORARY & PERMANENT) WILL BE PROTECTED WITH RIP RAP SPLASH PADS. ENERGY DISSIPATORS WILL BE PROVIDED AS NECESSARY.
- (K) PIPE INLETS WILL BE PROTECTED WITH HAY BALE FILTERS OR SILTATION FENCES THROUGHOUT CONSTRUCTION AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
- (L) THERE IS TO BE NO STOCKPILING OF SOIL WITHIN A TEN FOOT LIMIT OF ADJOINING PROPERTIES. ANY AND ALL FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS. MAXIMUM SIDE SLOPES OF EXPOSED SURFACES OF EARTH TO BE 2:1 OR AS OTHERWISE SPECIFIED BY LOCAL AUTHORITIES.
- (M) ALL FILL AREAS SHALL BE COMPACTED SUFFICIENTLY FOR THEIR INTENDED PURPOSE AND AS REQUIRED TO REDUCE SLIPPING, EROSION OR EXCESS SATURATION.
- (N) TOPSOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR SODDING OR SEEDING.

TEMPORARY VEGETATIVE COVER (TV):

TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL SOILS EXPOSED FOR PERIODS OF UP TO 12 MONTHS.

1. SITE PREPARATION:
 - (A) GRADE AREA AS NEEDED AND FEASIBLE TO PERMIT THE USE OF EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH THE MEASURE FOR LAND GRADING (SEE LATEST REVISION OF STATE OF CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL).
 - (B) INSTALL NEEDED EROSION CONTROL MEASURES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, SEDIMENT BASINS AND GRASSED WATERWAYS.
2. SEEDBED PREPARATION
 - (A) APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS THOSE OFFERED BY THE UNIVERSITY OF CT SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 300 LBS. PER ACRE OR 7.5 LBS PER 1,000 SQ.FT. OF 10-10-10 OR EQUIVALENT. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AS FOLLOWS:

SOIL TEXTURE	TONS/ACRE	LBS/1,000 SQ.FT.
CLAY, CLAY LOAM AND HIGH ORGANIC SOIL	3	135
SANDY LOAM, LOAM, SILT LOAM	2	90
LOAMY SAND, SAND	1	45

 REFER TO COUNTY SOIL SURVEY REPORT FOR SOIL TEXTURES AT THE SITE
 - (B) WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO DEPTH OF 2 INCHES BEFORE APPLYING FERTILIZER LIME AND SEED.
 - (C) APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDINGS, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING.
3. MULCHING
 - (A) SEE GUIDELINES IN TEMPORARY MULCHING

PERMANENT VEGETATIVE COVER (PV):

IF SEEDING CANNOT BE DONE WITHIN THE SEEDING DATES, USE THE TEMPORARY MULCHING MEASURE TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.

1. SHEET FLOW APPLICATIONS ONLY
 - (A) SYNTHETIC FILTER FABRIC SHALL BE A PEROVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS OF THE GUIDELINES.
 - (B) THE HEIGHT OF THE BARRIER SHALL NOT EXCEED 36 INCHES. IDEALLY THE BARRIER SHOULD BE PLACED 10 FEET AWAY FROM TOE OF SLOPE.
 - (C) WHEN JOINTS ARE NECESSARY, THE FILTER CLOTH SHALL BE SPLICED TOGETHER AND SECURELY SEALED AT A SUPPORT POST OR OVERLAPPED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.
 - (D) POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART ALONG THE BARRIER AND SHALL BE DRIVEN SECURELY INTO THE GROUND (12 INCHES MINIMUM).
 - (E) A TRENCH APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP SHALL BE EXCAVATED ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
 - (F) THE TOE IN FABRIC FLAP SHALL BE EXTENDED INTO THE TRENCH. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
 - (G) FILTER BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
 - (H) THE FABRIC SHALL BE PREASSEMBLED WITH HARDWOOD POSTS OR WITH POCKETS FOR USE WITH WOOD OR METAL POSTS. THE FABRIC SHALL BE ATTACHED TO THE POSTS ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.

2. MAINTENANCE
 - (A) FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
 - (B) THE BARRIER SHALL BE REPLACED PROMPTLY, SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
 - (C) SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
 - (D) ANY SEDIMENT DEPOSIT REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE PREPARED AND SEEDED.

TEMPORARY MULCHING (MU):

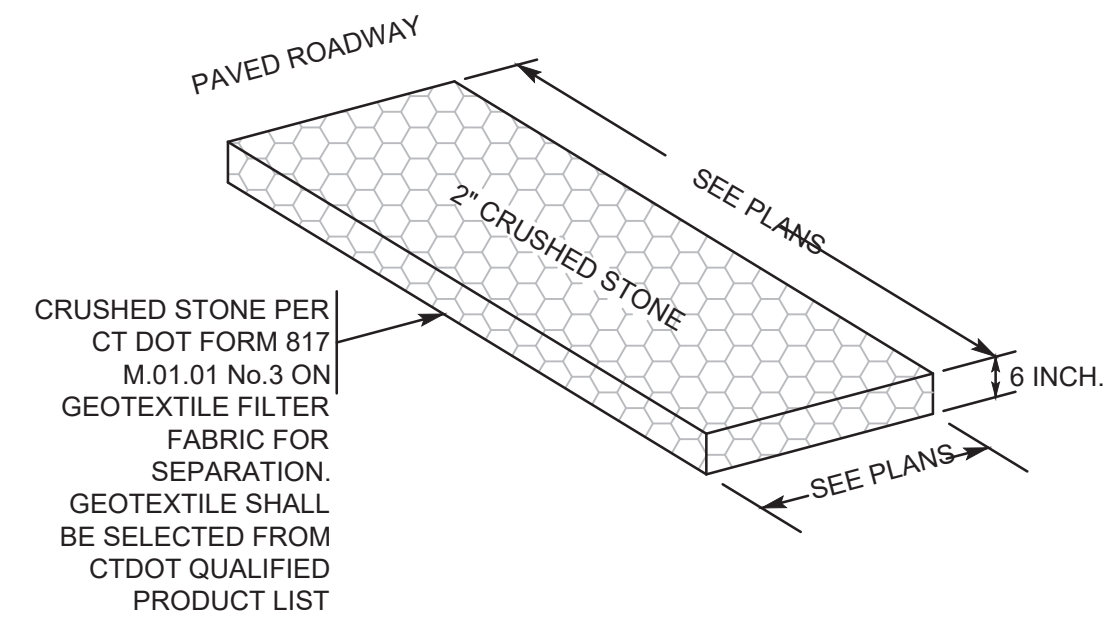
DEFINITION
APPLICATION OF PLANT RESIDUES OR OTHER SUITABLE MATERIALS TO THE SOIL SURFACE.

1. INSTALLATION REQUIREMENTS
 - (A) AREAS WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED SHALL BE MULCHED IMMEDIATELY FOLLOWING SEEDING. MULCH ANCHORING WILL BE USED ON SLOPES GREATER THAN 3 PERCENT AND CONCENTRATED FLOW AREAS SUCH AS DIVERSION AND WATERWAY CHANNELS. AREAS WHICH CANNOT BE SEEDED WITH THE SEEDING DATES SHOULD BE MULCHED TO PROVIDE TEMPORARY PROTECTION TO THE SOIL SURFACE. AN ORGANIC MULCH OTHER THAN WOOD FIBER ALONE SHALL BE USED, AND THE AREA SHALL BE SEEDED AS SOON AS SEEDING DATES PERMIT. MULCH SHALL BE USED WHEN TREE, SHRUB, AND GROUND COVER PLANTINGS DO NOT PROVIDE ADEQUATE EROSION PROTECTION.
 2. ORGANIC MULCHES
 - (A) ORGANIC MULCHES MAY BE USED IN ANY AREA WHERE MULCH IS REQUIRED, SUBJECT TO THE RESTRICTIONS NOTED IN THE STATE OF CT "GUIDELINES FOR SOIL EROSION & SEDIMENT CONTROL". STRAW OR HAY MULCH MUST BE ANCHORED IMMEDIATELY AFTER SPREADING TO PREVENT WINDBLOWING. OTHER ORGANIC MULCHES DO NOT REQUIRE ANCHORING. THE FOLLOWING METHODS OF ANCHORING STRAW OR HAY MAY BE USED:
 - (B) MULCH ANCHORING TOOL: THIS IS A TRACTOR-DRAWN IMPLEMENT DESIGNED TO PUNCH MULCH INTO THE SOIL SURFACE. THIS METHOD PROVIDES MAXIMUM EROSION CONTROL WITH STRAW. IT IS LIMITED TO USE ON SLOPES NO STEEPER THAN 3 TO 1 (3 HORIZONTALLY TO 1 VERTICALLY), WHERE EQUIPMENT CAN OPERATE SAFELY. MACHINERY SHALL BE OPERATED ON THE CONTOUR.
 - (C) TRACKING APPLY MULCH AND DRIVE TRACKED EQUIPMENT UP AND DOWN SLOPE OVER ENTIRE SURFACE SO CLEAR MARKS ARE PARALLEL TO CONTOUR.
 - (D) LIQUID MULCH BINDERS APPLICATION OF LIQUID MULCH BINDERS AND TACKIFIERS SHOULD BE HEAVIEST AT EDGES OF AREAS AND AT CRESTS OF RIDGES AND BANKS TO PREVENT WINDBLOWING. THE REMAINDER OF THE AREA SHOULD HAVE BINDER APPLIED UNIFORMLY. BINDERS MAY BE APPLIED AFTER MULCH IS SPREAD OR BEFORE THE MULCH AS IT IS BEING BLOWN ON TO THE SOIL. APPLYING STRAW AND BINDER TOGETHER IS THE MOST EFFECTIVE METHOD. THE FOLLOWING TYPES OF BINDERS MAY BE USED:
 - ASPHALT
 - APPLY IN ACCORDANCE WITH CT DOT STANDARD SPECIFICATION FORM 817, SPEC. 9.4503 SEC.(4A).
 - SYNTHETIC BINDERS
 - CHEMICAL BINDERS SUCH AS PETROSET, TERRACRET, HYDRO MULCH AND AEROSPRAY MAY BE USED AS RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH. THEY ARE USEFUL IN RESIDENTIAL AREAS WHERE ASPHALT MAY BE A PROBLEM.
 - (E) MULCH NETTINGS:
 - INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - (F) PEG AND TWINE:
 - DRIVE 4-INCH TO 6-INCH WOODEN PEGS TO WITHIN 3 INCHES OF THE SOIL SURFACE EVERY 3 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER STRAW IS SPREAD. SECURE MULCH BY STRAPPING BETWEEN PEGS IN A CRISS-CROSS-WITHIN-A-SQUARE PATTERN. TURN TWINE 2 OR MORE TIMES AROUND EACH PEG.
 3. CHEMICAL MULCHES
 - (A) CHEMICAL MULCHES MAY BE USED ALONE IN THE FOLLOWING SITUATIONS:
 - FROM MAY 1 TO JUNE 15 AND SEPTEMBER 15 TO OCTOBER 15, PROVIDED THAT THEY ARE USED ON AREAS WITH SLOPES NO STEEPER THAN 4 TO 1 (4 HORIZONTALLY TO 1 VERTICALLY), WHICH HAVE BEEN ROUGHENED. IF EROSION STILL OCCURS, ANOTHER MULCH MATERIAL SHALL BE APPLIED IMMEDIATELY.
 - NOTE: CHEMICAL MULCHES MAY BE USED TO BIND OTHER MULCHES OR WITH WOOD FIBER IN A HYDROSEEDING SLURRY AT ANY TIME. MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION OF CHEMICAL MULCHES SHALL BE FOLLOWED.
 2. MATS
 - (A) INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- MAINTENANCE
ALL MULCHES MUST BE INSPECTED PERIODICALLY, IN PARTICULAR AFTER RAINSTORMS, TO CHECK FOR SOIL EROSION, WHERE EROSION IS OBSERVED, ADDITIONAL MULCH SHOULD BE APPLIED, NET SHOULD BE INSPECTED AFTER RAINSTORMS FOR DISLOCATION OR FAILURE. IF WASHOUTS OR BREAKAGE OCCUR, RE-INSTALL NET AS NECESSARY AFTER REPAIRING DAMAGE TO THE SLOPE. INSPECTIONS SHOULD TAKE PLACE UNTIL GRASSES ARE FIRMLY ESTABLISHED. GRASSES SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED WHICH IS MATURE ENOUGH TO CONTROL SOIL EROSION AND TO SURVIVE SEVERE WEATHER CONDITIONS. WHERE MULCH IS USED IN CONJUNCTION WITH PERMANENT PLANTINGS, INSPECT PERIODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MULCH IS MAINTAINING COVERAGE OF THE SOIL SURFACE; REPAIR AS NEEDED.

DUST CONTROL MEASUREMENT AND RECOMMENDATIONS

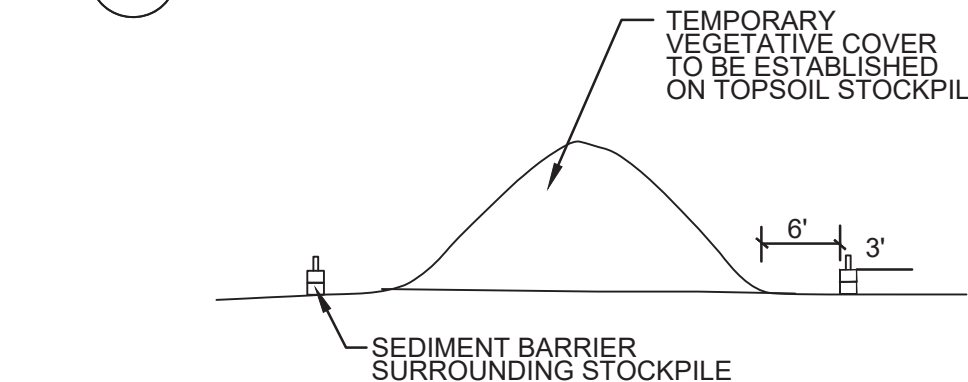
CONSTRUCTION ACTIVITIES AT THE PROJECT SITE WILL RESULT IN EMISSIONS OF FUGITIVE DUST TO THE ATMOSPHERE. THE QUANTITY OF FUGITIVE DUST GENERATED WILL BE CONTROLLED BUT IS DEPENDENT UPON WEATHER CONDITIONS. FUGITIVE DUST PARTICLES HAVE A GREATER PROPENSITY TO BECOME AIRBORNE DURING DRY AND BREEZY METEOROLOGICAL CONDITIONS. CONSTRUCTION ACTIVITIES AT THE SITE WHICH WILL RESULT IN THE GENERATION OF FUGITIVE DUST INCLUDE GRADING, MATERIAL LOADING AND UNLOADING, MATERIAL STORAGE PILES AND CONSTRUCTION TRAFFIC. THE CONTRACTOR WILL IMPLEMENT THE FOLLOWING REASONABLE PRECAUTIONS DURING CONSTRUCTION TO MINIMIZE THE GENERATION OF FUGITIVE DUST:

- (A) USE WATER FOR DUST CONTROL OF ACTIVE CONSTRUCTION AREAS, ACTIVE UNPAVED ROADS, AND OTHER SURFACES WHICH CAN GIVE RISE TO AIRBORNE A TYPICAL PRACTICE TO BE FOLLOWED DURING SITE GRADING WILL BE TO FOLLOW THE EARTH MOVING EQUIPMENT WITH A WATER TRUCK TO IMMEDIATELY WET THE NEWLY DISTURBED AREA.
- (B) APPLY SEED FOR A VEGETATIVE COVER ON STORAGE PILES, ESPECIALLY THOSE THAT WILL REMAIN DORMANT FOR AN EXTENDED PERIOD.
- (C) APPLY THE BINDER COURSE OF PAVING MATERIAL TO SITE AS SOON AS FEASIBLE DURING CONSTRUCTION.
- (D) THE CONTRACTOR MUST CLEAN/SWEEP DAILY ALL ON-SITE PAVED ROADS AND THAT PORTION OF THE EXISTING PAVED SURFACES ON AND OFFSITE THAT ARE USED FOR THE DURATION OF THE PROJECT BY CONSTRUCTION TRAFFIC.
- (E) INSTITUTE A MAXIMUM ON SITE SPEED LIMIT OF 15 MILES PER HOUR.
- (F) THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL DURING THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL INSPECT THE SITE TO ASSURE DUST IS ADEQUATELY CONTROLLED. IF THE OWNERS REPRESENTATIVE DETERMINES DUST CONTROL MEASURES ARE NOT ADEQUATE THE CONTRACTOR SHALL BE REQUIRED TO INCREASE THESE MEASURES AS DIRECTED.



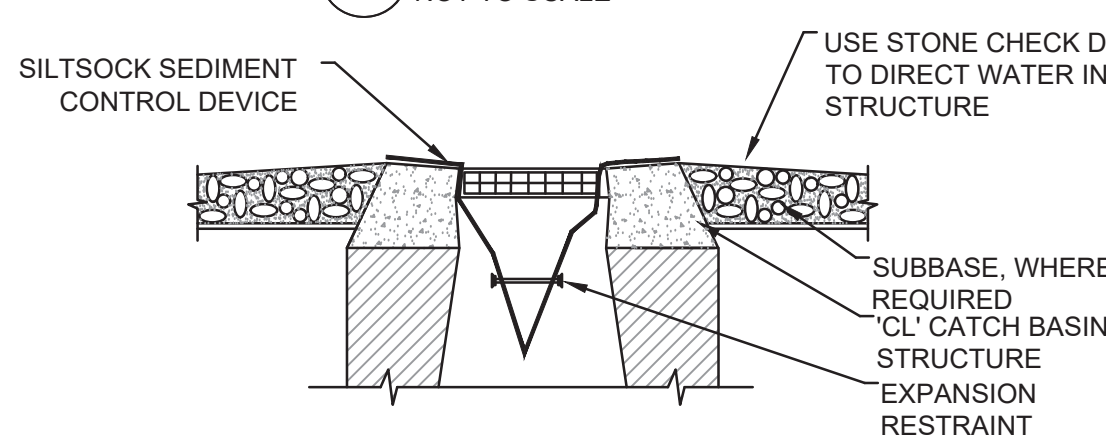
1 CONSTRUCTION ENTRANCE (TYPICAL)

CJ102 NOT TO SCALE



3 SOIL STOCKPILE

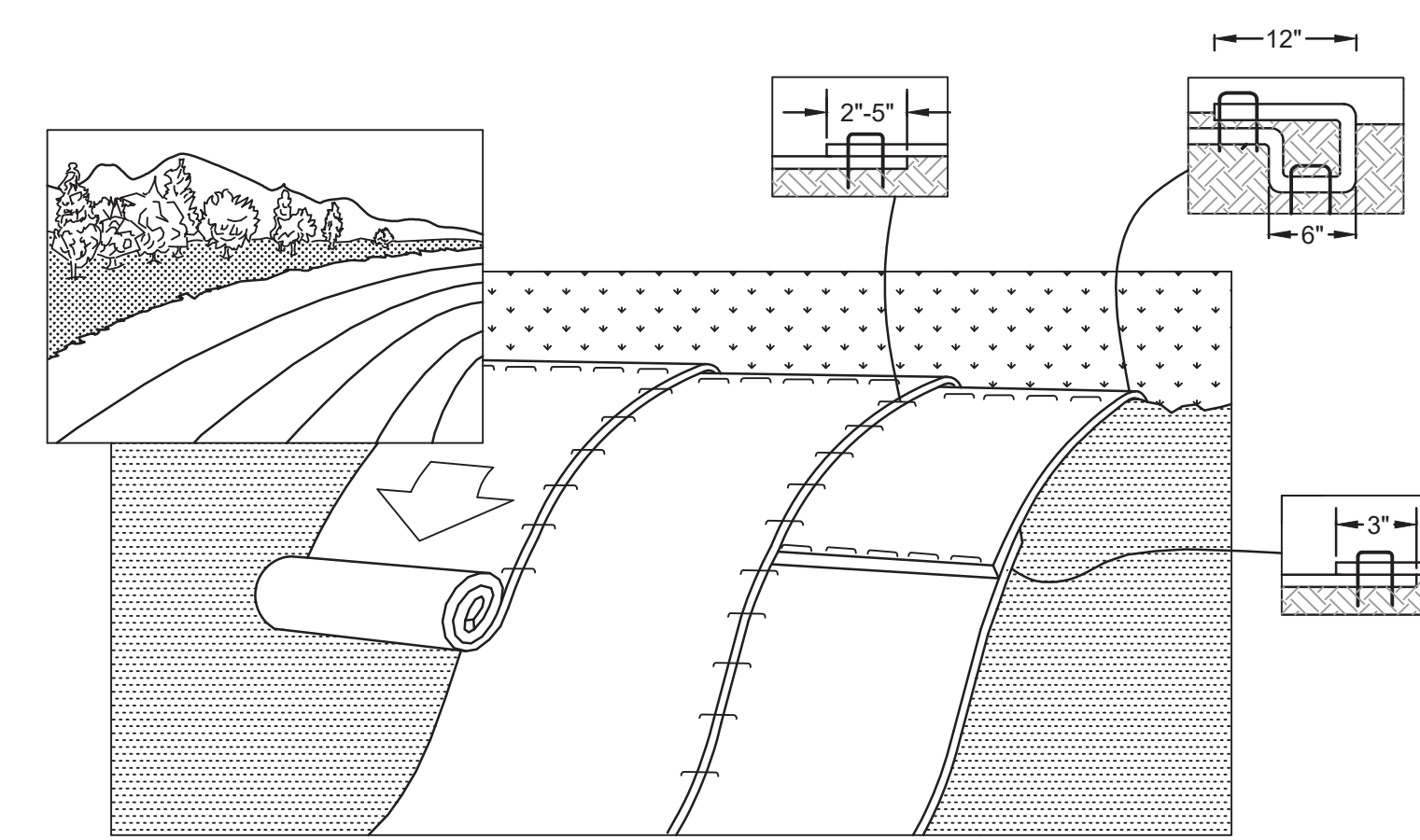
CJ102 NOT TO SCALE



4 SILT SOCK (TYPICAL)

CJ102 NOT TO SCALE

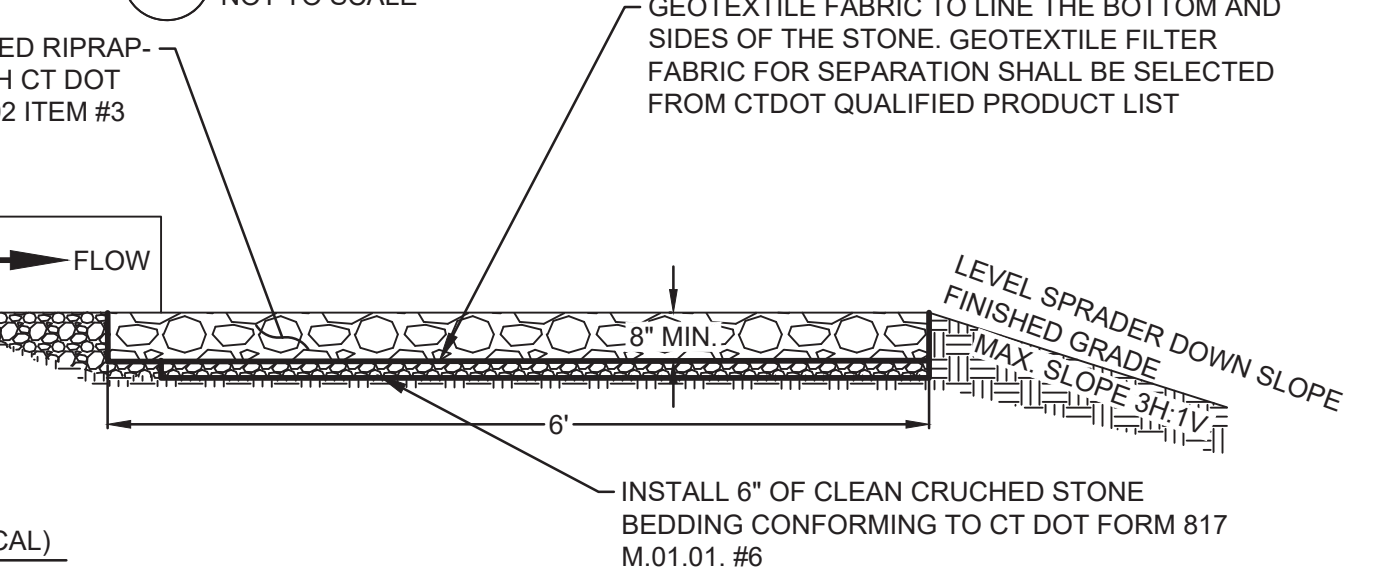
NOTE:
1) IN UNPAVED AREAS, USE STONE CHECK DAMS TO GUIDE RUNOFF INTO CATCH BASIN
2) SILT SOCK TO REMAIN UNTIL DISTURBED AREAS ARE COMPLETELY STABILIZED.



- SLOPE APPLICATIONS:
A. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
B. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
C. ROLL THE BLANKET DOWN OR HORIZONTALLY ACROSS THE SLOPE. BLANKET WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL ROLLED EROSION CONTROL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM [M], STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
D. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY A 2'-5" OVERLAP DEPENDING ON BLANKET TYPE.
E. CONSECUTIVE ROLLED EROSION CONTROL BLANKET SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
F. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKET.
G. THE EDGE OF THE BLANKET IS TO EXTEND A MINIMUM 24 INCHES BEYOND THE TOE OF THE SLOPE AND ANCHORED BY PLACING THE STAPLES/ STAKES IN A 12 INCH DEEP X 6 INCH WIDE ANCHOR TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/ STAKES SPACED APPROXIMATELY 12 INCH APART IN THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING (STONE OR SOIL MAY BE USED AS BACKFILL).
H. REFER TO MANUFACTURER'S STAPLE GUIDE FOR CORRECT STAPLE PATTERN. MINIMUM 4 SPIKES PER ONE SQ. FT.
I. THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND FOR 24 MONTHS SHALL BE RE-FERTILIZED, RE-SEEDED, AND REMULCHED AS DIRECTED. USE EROSION CONTROL MATTING CLASS 1: SLOPE PROTECTION, TYPE D, NORTH AMERICAN GREEN CJ125BN OR APPROVED EQUAL.

6 EROSION CONTROL BLANKET ON SLOPE (TYPICAL)

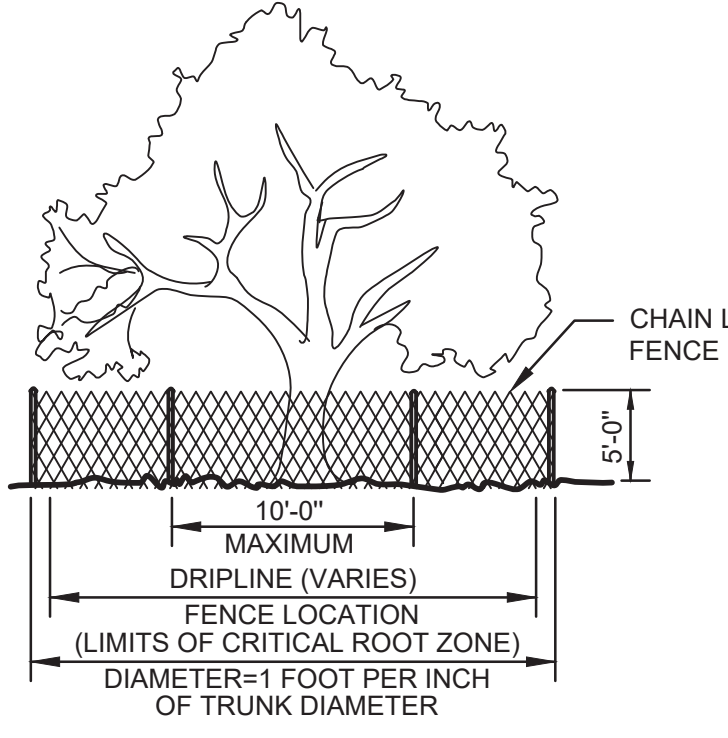
CJ102 NOT TO SCALE



7 LEVEL SPREADER (TYPICAL)

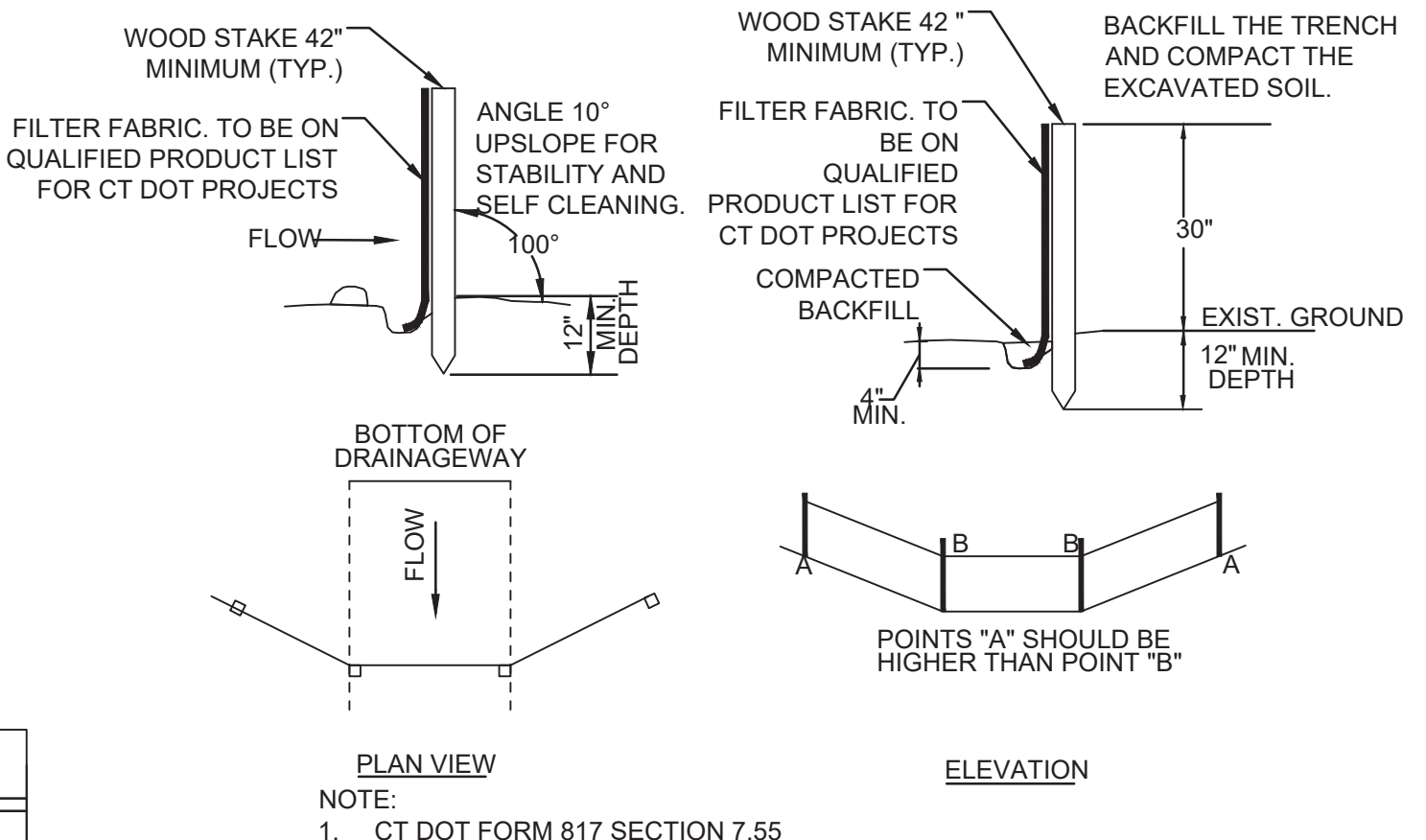
CJ102 NOT TO SCALE

- TREE PROTECTION NOTES:
1. BEFORE BEGINNING ANY SITE REMOVALS OR CONSTRUCTION, TREE PROTECTION SHALL BE INSTALLED AROUND TREES INDICATED TO REMAIN ON THIS PLAN, FOLLOWING THE INSTALLATION OF TREE PROTECTION FENCING AND FOR THE ENTIRE CONSTRUCTION PERIOD THE FOLLOWING SHALL APPLY:
-NO MATERIALS, VEHICLES OR EQUIPMENT MAY BE STORED OR STOCKPILED WITHIN THE AREAS ENCLOSED BY TREE PROTECTION FENCING.
-NO VEHICLES OR EQUIPMENT MAY BE DRIVEN, OPERATED OR PARKED WITHIN AREAS ENCLOSED BY TREE PROTECTION.
-AREAS ENCLOSED BY TREE PROTECTION CAN NOT BE USED AS ROUTES FOR SITE TRAFFIC.
-FENCING SHALL BE RESECURED AS NECESSARY AND MAINTAINED TAUT. FENCING SHALL BE REPAIRED OR REPLACED WHEN DAMAGED AT THE CONTRACTOR'S EXPENSE.
-IN SPECIAL CASES WHERE CONSTRUCTION OPERATIONS ABSOLUTELY REQUIRE SOME TEMPORARY ENCROACHMENT INTO TREE PROTECTION AREAS, THE CONTRACTOR SHALL PRESENT A WORK PLAN FOR TEMPORARY ENCROACHMENT FOR THE ARCHITECT'S APPROVAL.
2. ALL EXCAVATION OR TRENCHING WITHIN THE AREAS OF EXISTING TREE ROOTS SHALL BE PERFORMED BY HAND.
-ROOTS IN TRENCH SHALL BE CUT SMOOTH AND CLEAN USING SHARP TOOLS. NO RIPPING OF TREE ROOTS BY MACHINES IS PERMITTED.
-NO JAGGED EDGES OF ROOTS SHALL BE PERMITTED.
-SIDES OF EXCAVATIONS SHALL BE CLEAN AND STRAIGHT.
-IMMEDIATELY FOLLOWING TRENCHING OR EXCAVATION OPERATIONS, AREAS AT TREE ROOTS SHALL BE BACKFILLED.
-ROOTS SHALL NOT BE LEFT EXPOSED OVERNIGHT.
-BACKFILL SHALL BE A MIX OF 50% TOPSOIL AND 50% CLEAN SAND.
-BACKFILL SHALL BE HAND COMPACTED IN PLACE TO FILL ALL VOIDS.
3. EXTREME CARE SHALL BE TAKEN TO AVOID ANY DAMAGE TO TRUNKS, BRANCHES AND ROOTS. ANY DAMAGE CAUSED TO TREES SHALL BE IMMEDIATELY REMEDIED BY THE CONTRACTOR.
-REMEDIAL WORK MAY INCLUDE PRUNING, WOUND TREATMENT, CABLEING OR ADDITIONAL MEASURES AS DETERMINED BY THE ARCHITECT.
4. THE CONTRACTOR SHALL REVIEW ALL PLANNED CONSTRUCTION OPERATIONS THAT MAY RESULT IN TREE DAMAGE FOR REVIEW AND APPROVAL BY THE ARCHITECT.
-SPECIAL ATTENTION SHALL BE MADE TO THE PATH OF PLACING CONSTRUCTION MATERIAL ON SITE BY CRANE.
-THE CONTRACTOR SHALL PRESENT A WORK PLAN AND TREE PROTECTION MEASURES TO MINIMIZE DAMAGE TO TREES.



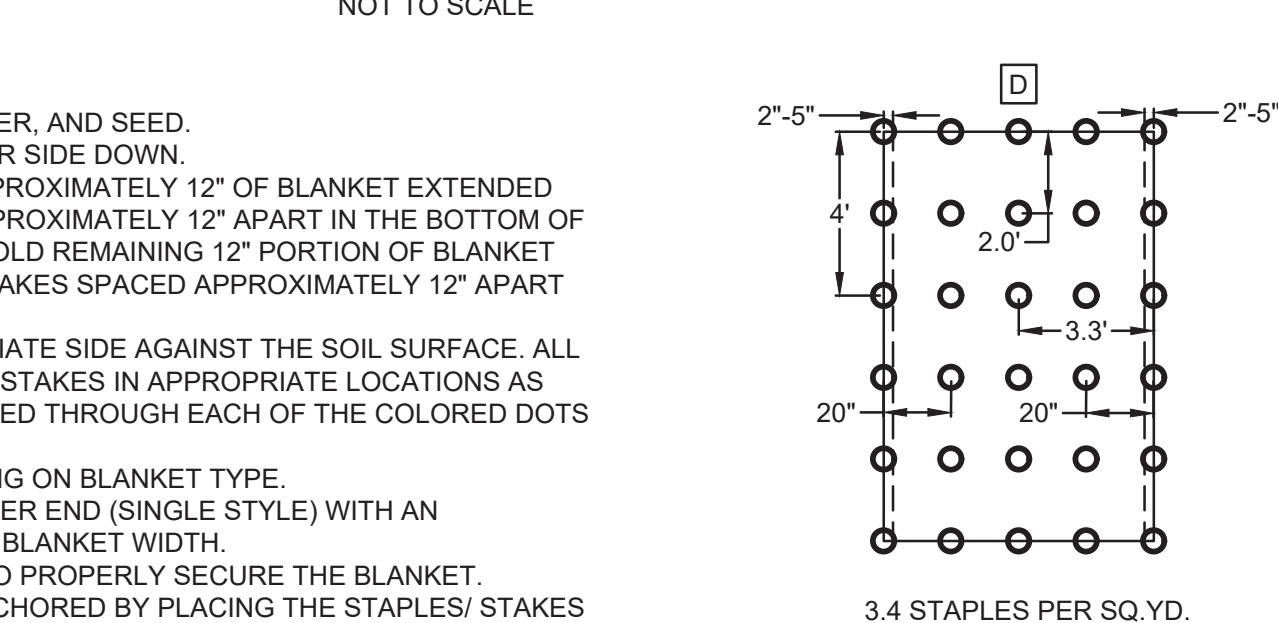
2 TREE PROTECTION FENCE - CHAIN LINK

CJ102 NOT TO SCALE



5 PLACEMENT & CONSTRUCTION OF SILTATION FENCE (TYPICAL)

CJ102 NOT TO SCALE



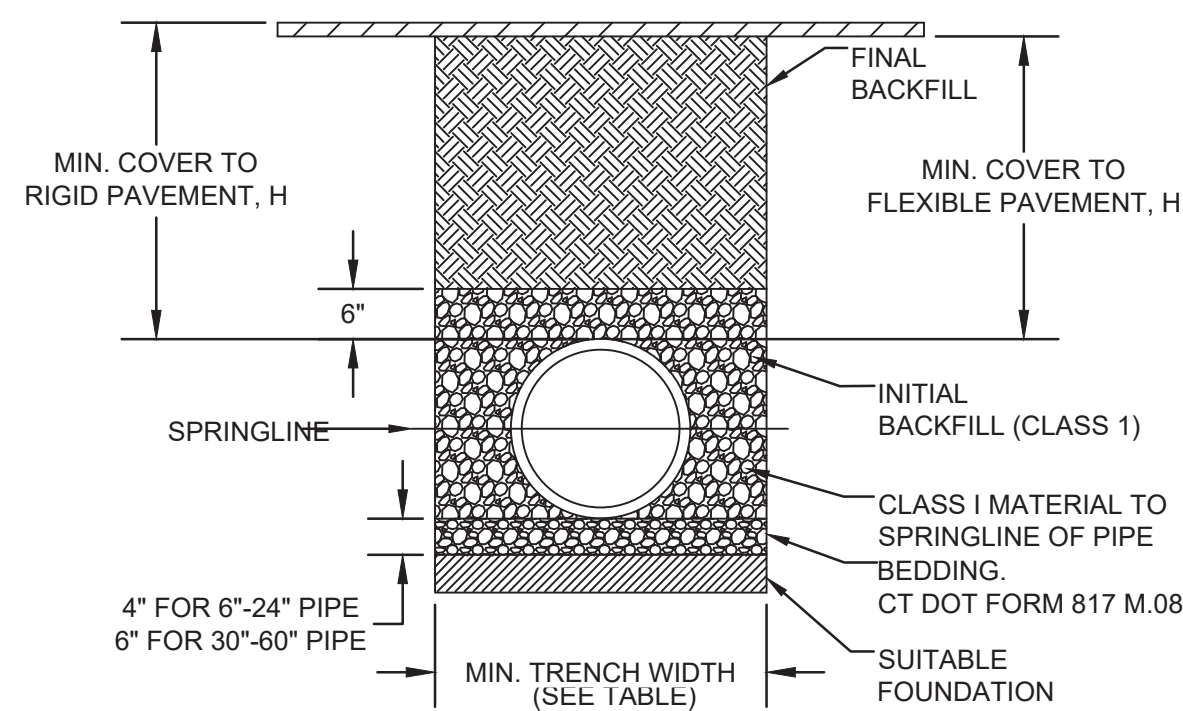
NOTE:
1. CT DOT FORM 817 SECTION 7.55

EROSION CONTROL BLANKET STAPLE PATTERN GUIDE



3.4 STAPLES PER SQ. YD.
NOTE:
RECOMMENDED STAPLES PER ROLL ON 6.67 FT(W) X 108 FT (L) ROLLS: D PATTERN - QUANTITY=272

SEDIMENTATION AND EROSION CONTROL NOTES AND DETAILS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by	date
	mark	MARTINEZ COUCH & ASSOCIATES, LLC.	10/19/2019
	date	1084 CROMWELL AVE.	scale
	description	ROCKY HILL, CT 06067	AS NOTED
		project	drawn by
		PRUDENCE CRANDALL MUSEUM RENOVATIONS	SDEC
		1 SOUTH CANTERBURY ROAD	approved by
		CANTERBURY, CT 06331	REC
		CAD no.	drawing no.
		CJ-102 SED. NOTES & DET.	
		project no.	CJ-102
		BL-RR28	



RECOMMENDED MINIMUM TRENCH WIDTHS

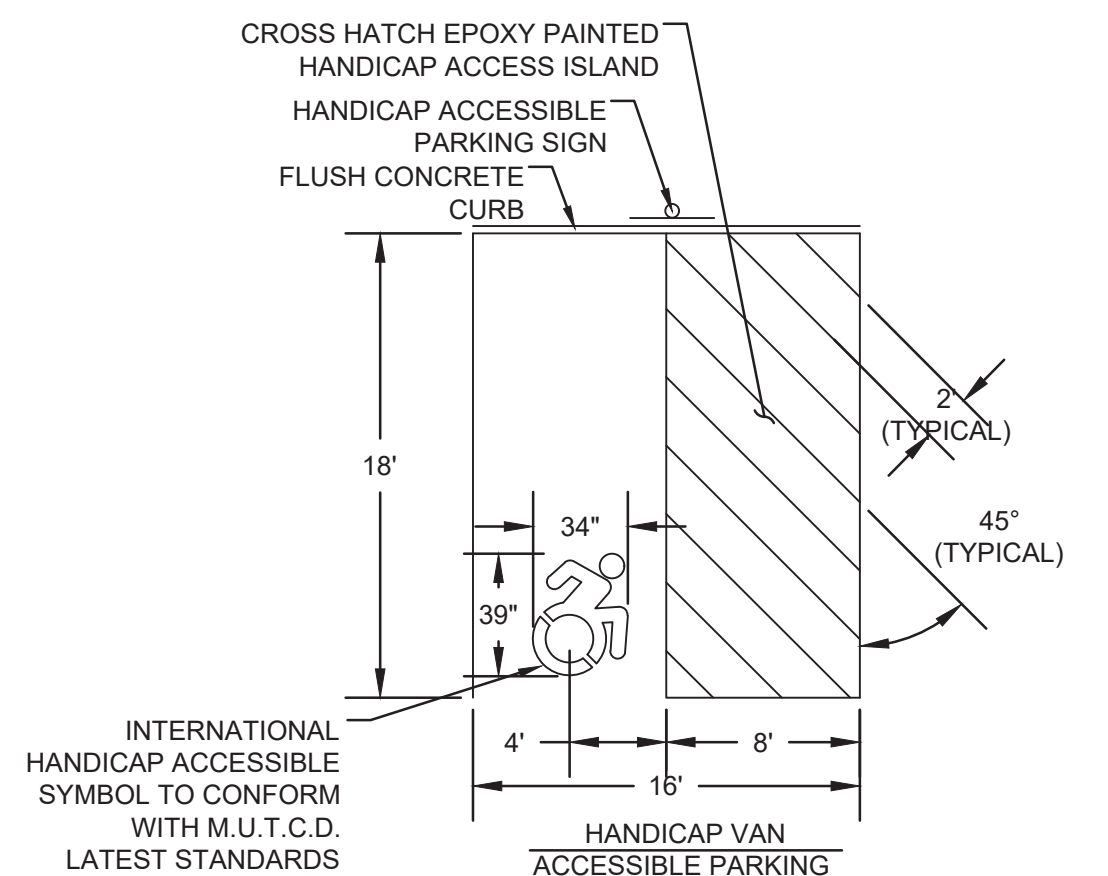
PIPE DIAM.	MIN. TRENCH WIDTH
4"	21"
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"
42"	72"
48"	80"
54"	88"
60"	96"

SURFACE LIVE LOADING

PIPE DIAM.	CONDITION	HEAVY CONSTRUCTION (75T AXLE LOAD) *
6" - 48"	H-20	12" / 48"

- NOTES:
- * VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER
 - MINIMUM COVER RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS
 - ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
 - EXCAVATION SHALL BE CONFORM TO "STATE OF CT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM 817 SECTION 2.05 AND SECTION 10.01 OR CURRENT SPECIFICATION FOR SUCH WORK.
 - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
 - SOIL CLASSIFICATIONS ARE PER THE LATEST VERSION OF ASTM D2321. CLASS I/IV MATERIALS (MH, CH) AS DEFINED IN PREVIOUS VERSIONS OF ASTM D2321 ARE NOT APPROPRIATE BACKFILL MATERIALS.
 - FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" FOR 4"-24"; 6" FOR 30"-60".
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 - MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOATATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

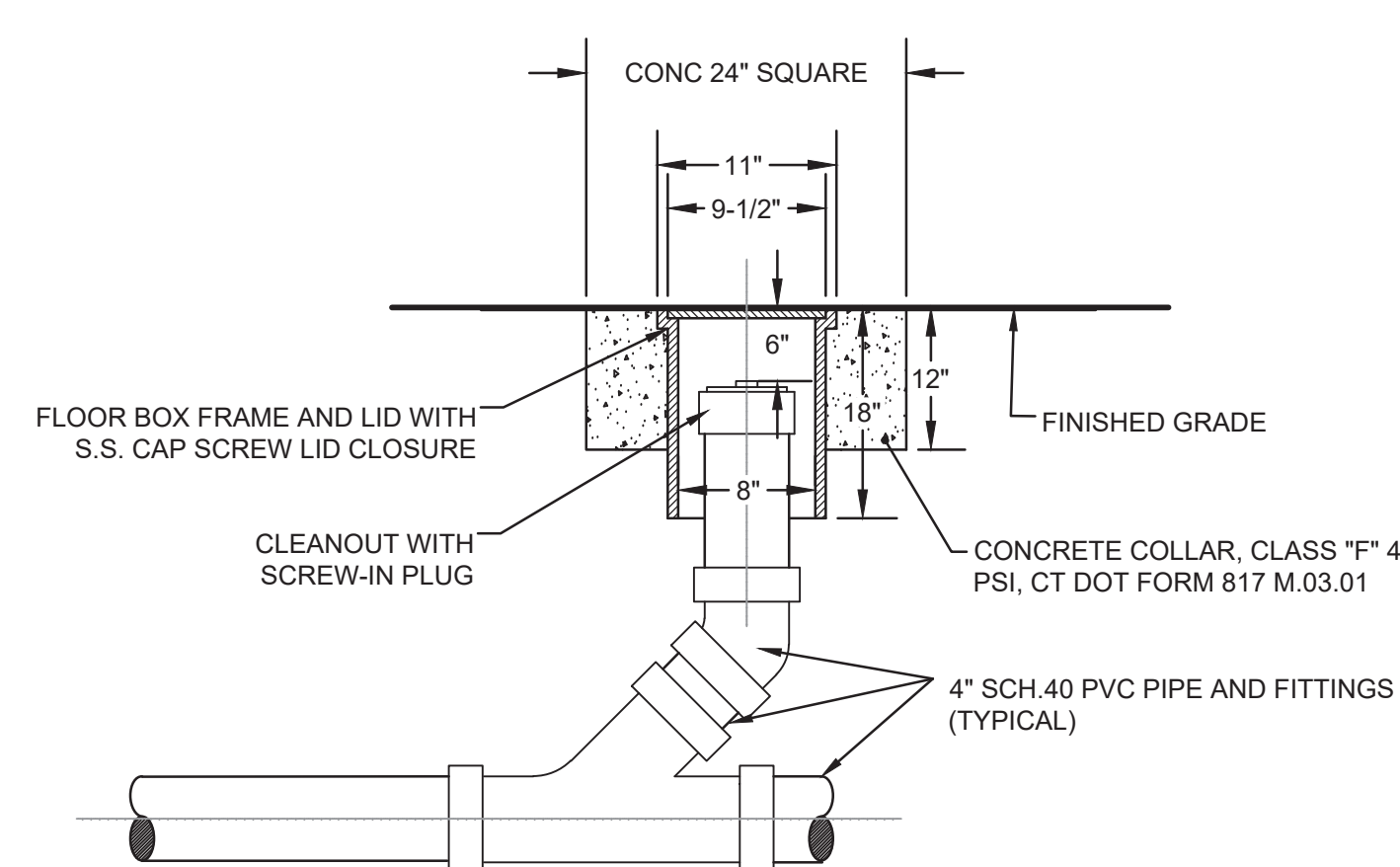
1 HDPE PIPE BEDDING (TYPICAL)
CX102 NOT TO SCALE



6 HANDICAP ACCESSIBLE PARKING SIGN (TYPICAL)
CX102 NOT TO SCALE

- NOTES:
- ALL STRIPING TO BE EPOXY PAINTED SINGLE 4 INCH (WIDE) SOLID WHITE LINES TO CONFORM WITH CONN. D.O.T. FORM 817 SECTION M.07.20 OR LATEST REVISION

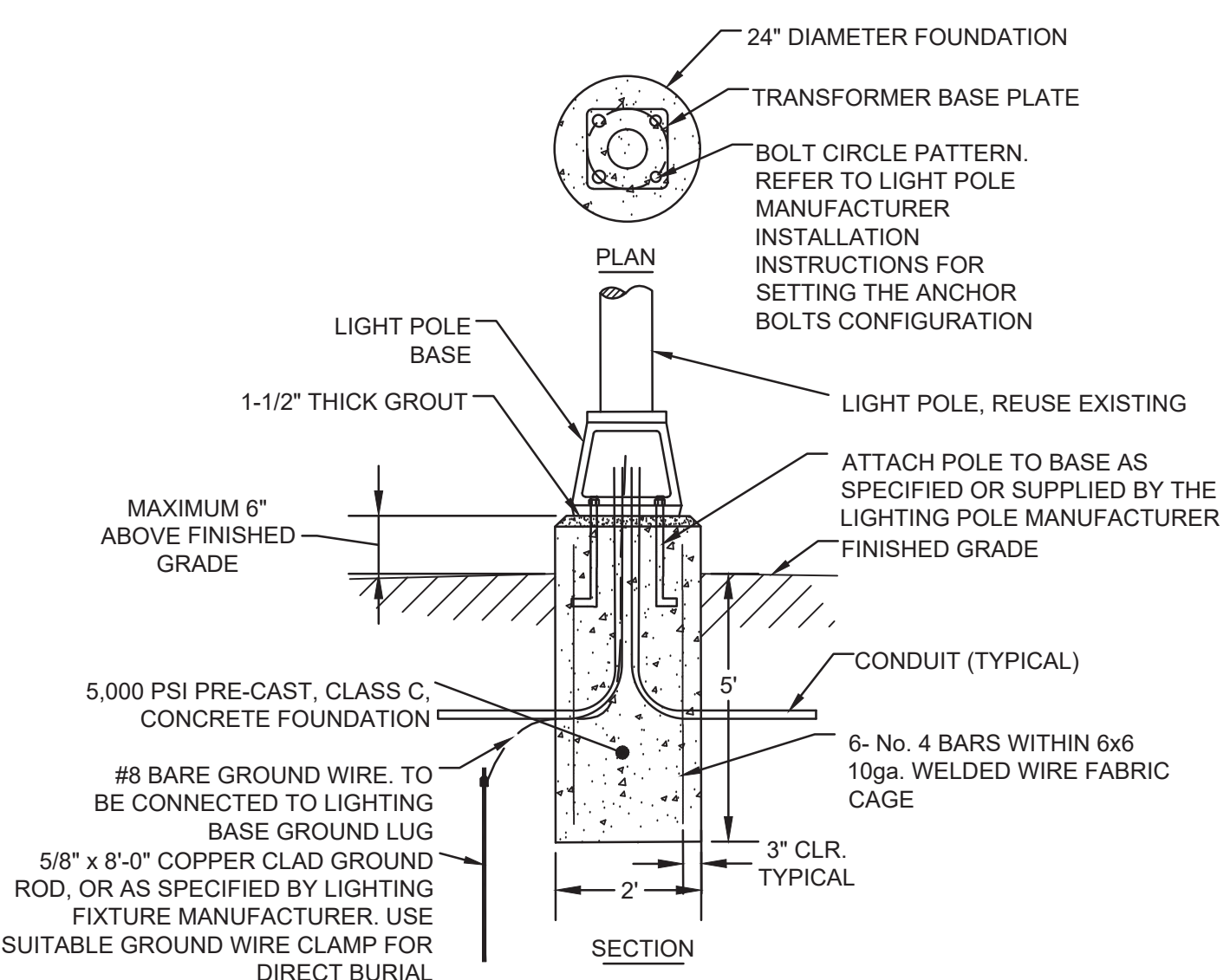
5 VEHICLE PARKING STALL AND ISLAND STRIPING (TYPICAL)
CX102 NOT TO SCALE



9 SANITARY CLEANOUT
CX102 NOT TO SCALE

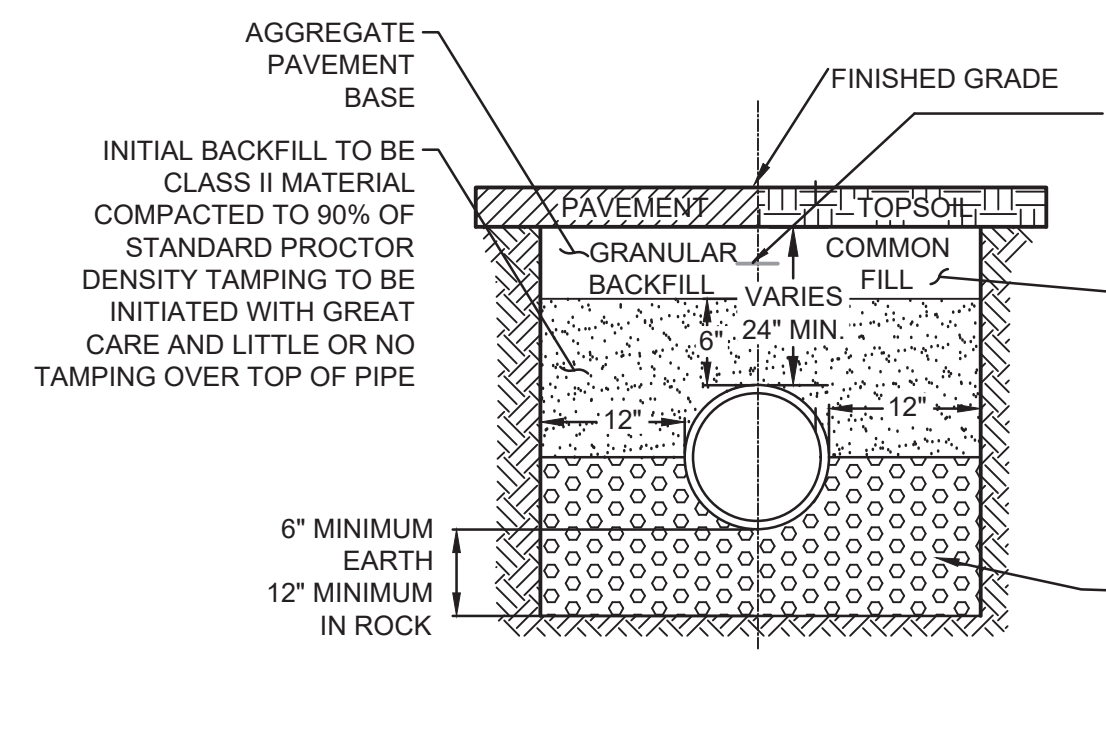
- NOTES:
- REINFORCING STEEL WELDED WIRE FABRIC CONFORMS TO LATEST ASTM SPEC. A185
 - REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPEC. A615
 - CONCRETE COMPRESSIVE STRENGTH 4,000 PSI AT 28 DAYS.
 - SECTIONS ARE MONOLITHIC
 - MINIMUM 2" SUMP REQUIRED FROM THE LOWEST PIPE INVERT TO THE SUMP FLOOR MATERIAL.
 - METHODS OF INSTALLATION, CURING, TESTING, SHALL CONFORM TO "STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDS SPECIFICATIONS FORM 817" M.08.02-4 OR CURRENT SPECIFICATION FOR SUCH WORK.
 - IF NECESSARY STRUCTURE MAY NEED TO BE CUSTOM MADE DUE TO UNFORESEEN FIELD CONDITIONS.
 - STRUCTURE, FRAME AND COVER MUST BE DESIGNED FOR AASHTO HS-20 LOADING

10 CONCRETE JUNCTION STRUCTURE
CX102 NOT TO SCALE

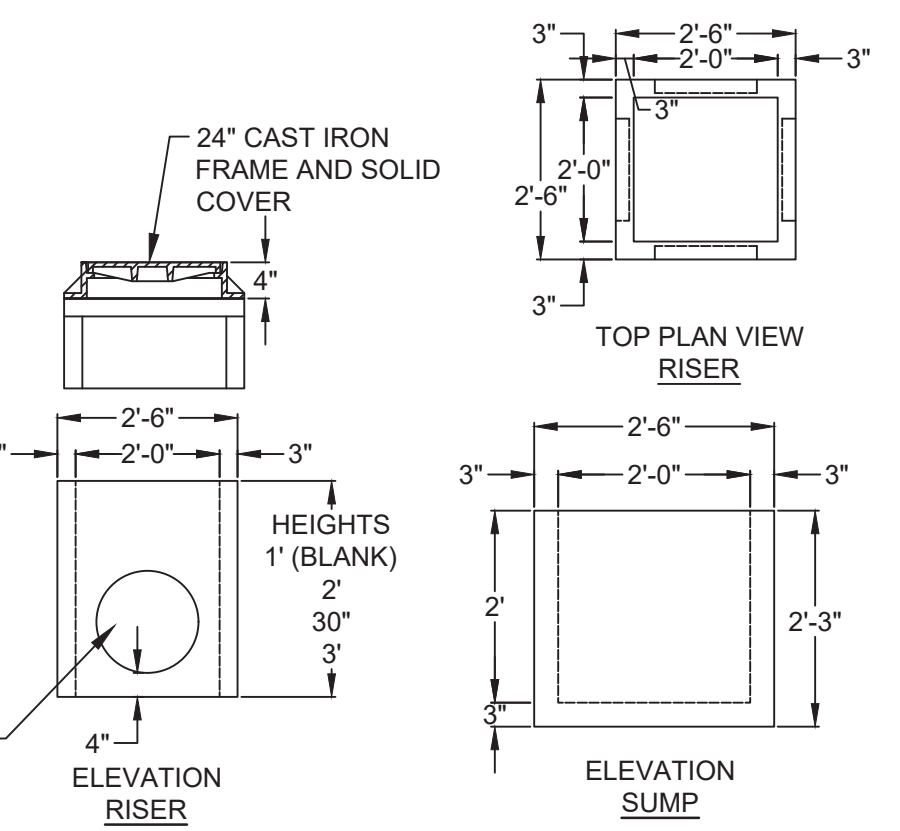


- FOUNDATION NOTES:
- REFER TO LIGHT POLE MANUFACTURER INSTALLATION INSTRUCTIONS FOR PROPER CONDUIT SIZE, QUANTITY AND LOCATIONS. ANCHOR BOLT SIZE, QUANTITY AND LOCATIONS; HAND HOLE ORIENTATION AND OTHER NECESSARY ITEMS PRIOR TO POURING THE CONCRETE FOUNDATION.
 - USE LEVELING NUTS AND WASHERS AS NECESSARY. TACK-WELD NUTS TO WASHERS AND WASHERS TO BASE PLATE AFTER TIGHTENING OR AS SPECIFIED BY LIGHT POLE MANUFACTURER.
 - THIS FOUNDATION MAY BE USED FOR DUAL MAST ARM POLES.

2 LIGHT POLE FOUNDATION (TYPICAL)
CX102 NOT TO SCALE

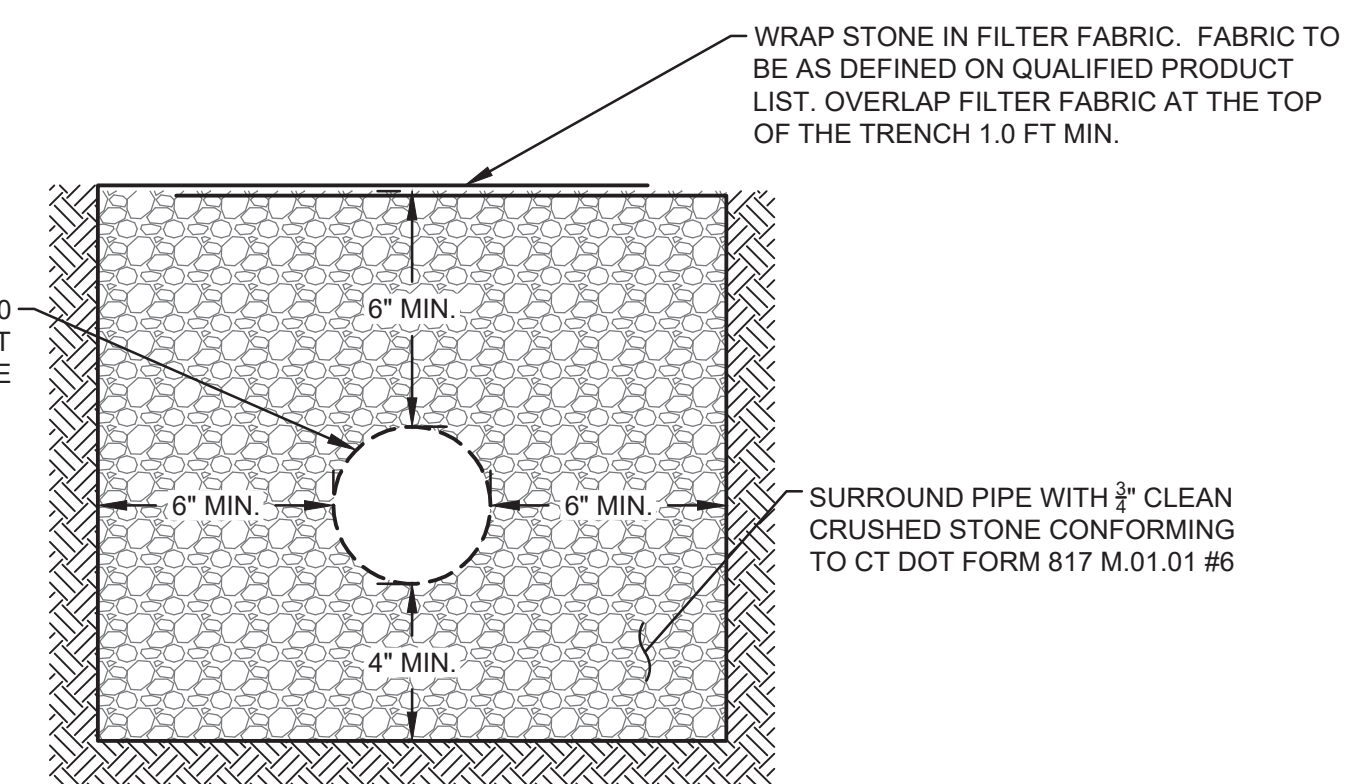


7 PVC PIPE BEDDING
CX102 NOT TO SCALE

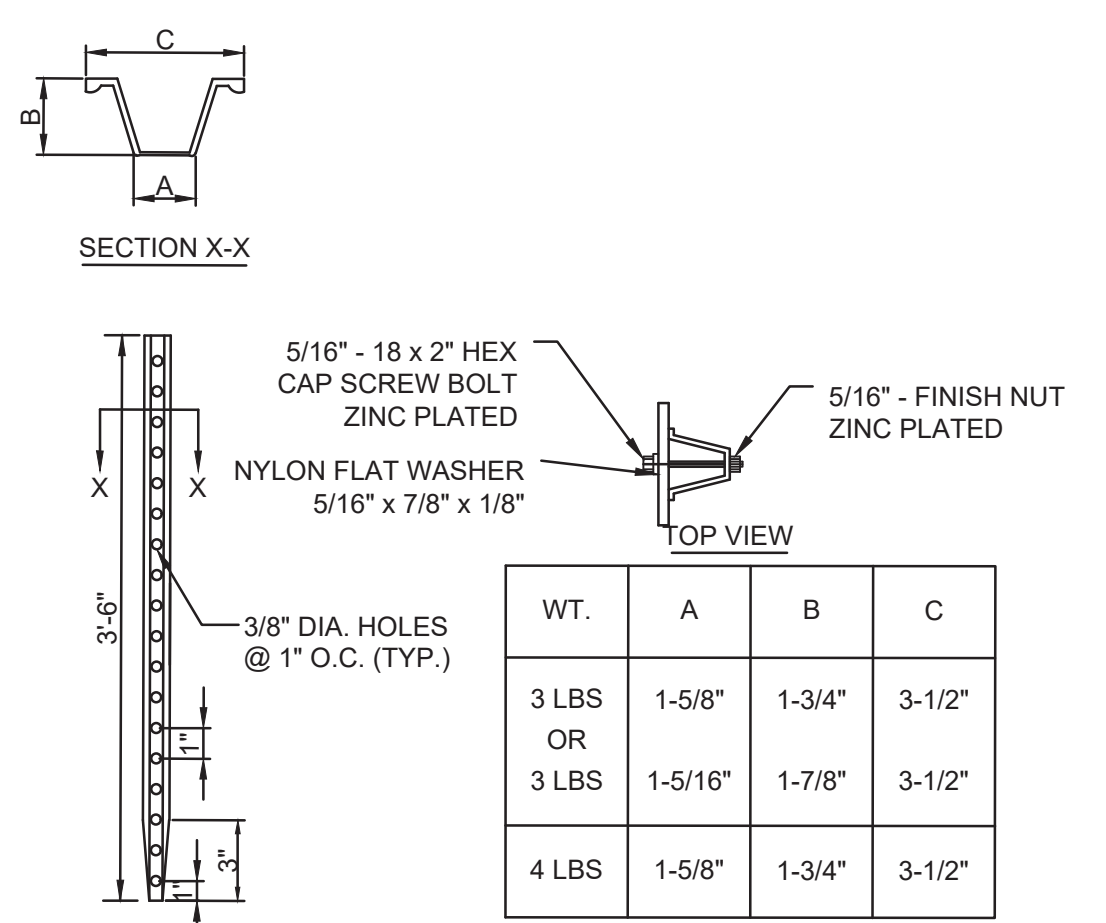


11 ROOF LEADER DOWNSPOUT CONNECTION
CX102 NOT TO SCALE

- INSTALLATION NOTES:
- EXPOSE THE EXISTING CONCRETE COLLAR AT ROOF DOWNSPOUT LOCATION.
 - SAW CUT 1 FOOT WIDE VERTICAL STRIP OF THE EXISTING CONCRETE COLLAR WHERE THE NEW ROOF DOWNSPOUT TO BE INSTALLED AND REMOVE THE CONCRETE
 - INSTALL THE ROOF DOWNSPOUT AND CONNECTING PIPING.
 - FILL THE VOID AROUND THE INSTALLED DOWNSPOUT WITH FLOWABLE FILL.
 - ESTABLISH FINAL GRADE AS SHOW ON THE DRAWINGS.

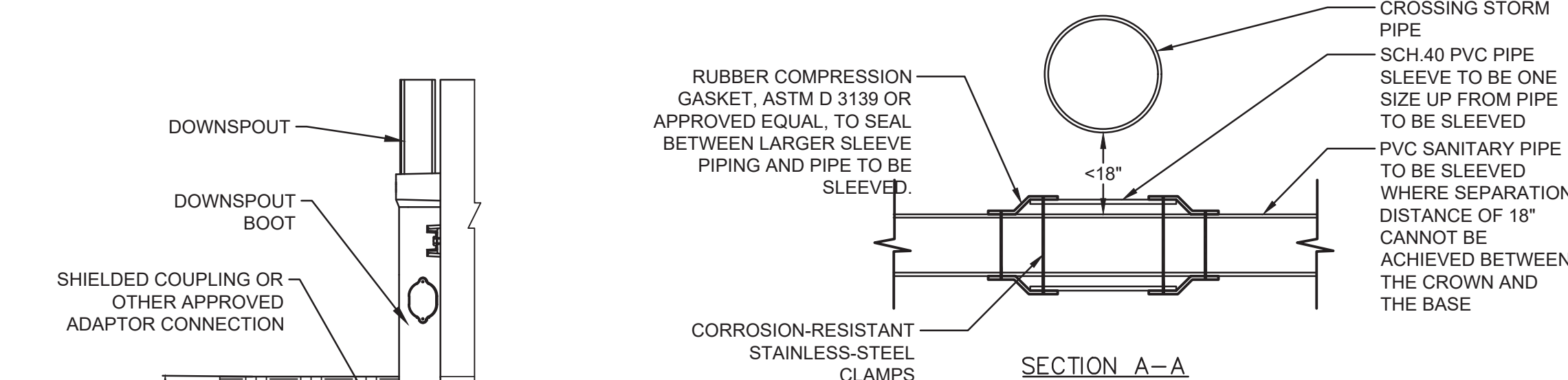
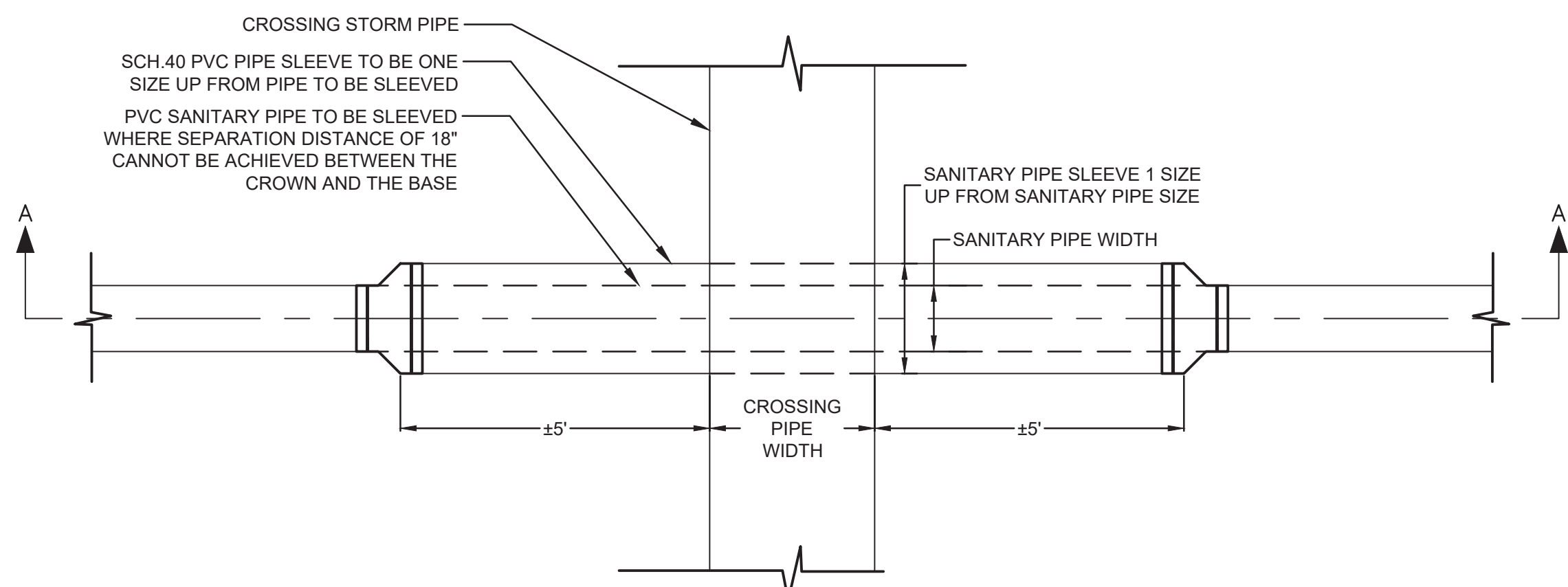


3 CONCRETE COLLAR DRAIN TYP. SECTION AT FOUNDATION WALL
CX102 NOT TO SCALE



4 U-CHANNEL SIGN POST BASE (TYPICAL)
CX102 NOT TO SCALE

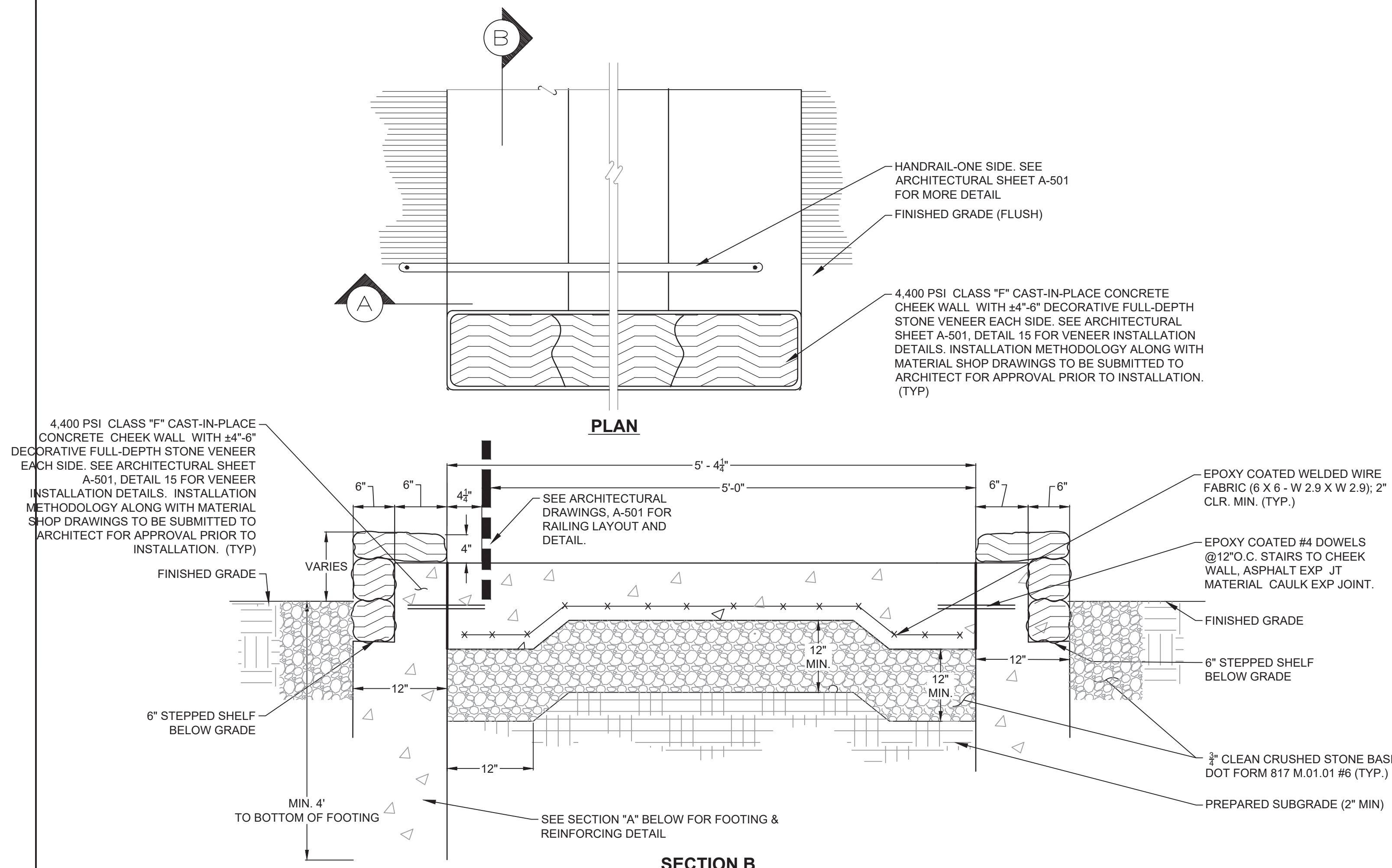
WT.	A	B	C
3 LBS OR 3 LBS	1-5/8"	1-3/4"	3-1/2"
4 LBS	1-5/8"	1-7/8"	3-1/2"



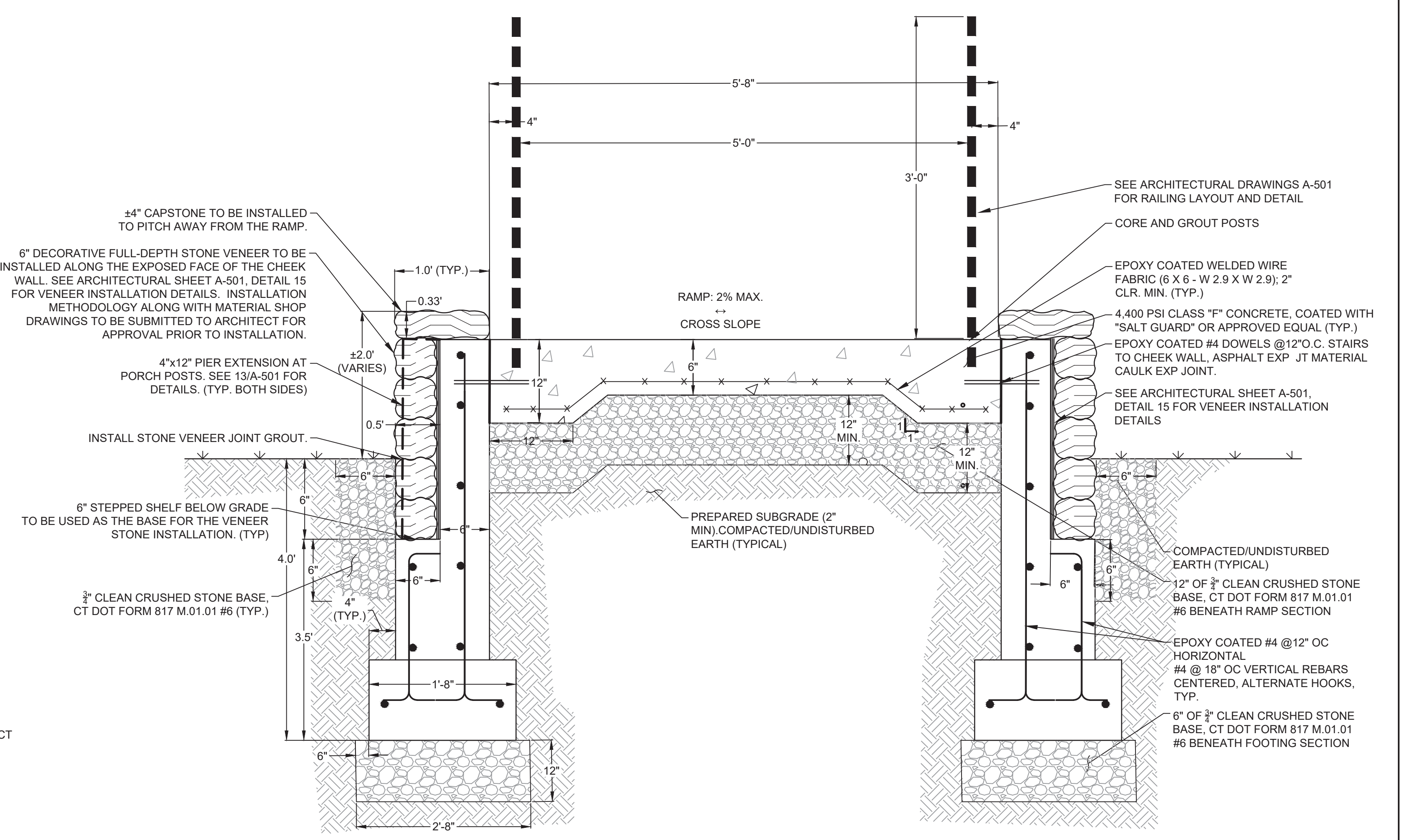
8 SANITARY PIPE SLEEVE (IF APPLICABLE)
CX102 NOT TO SCALE

- NOTES:
- RUBBER COMPRESSION GASKET TO COMPLY WITH "CT PUBLIC HEALTH CODE ON-SITE SEWAGE DISPOSAL REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS"

drawing title		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by	date
	mark	MARTINEZ COUCH & ASSOCIATES, LLC.	10/19/2019
	date	1084 CROMWELL AVE. ROCKY HILL, CT 06067	scale AS NOTED
		project	drawn by
		PRUDENCE CRANDALL MUSEUM RENOVATIONS	SDEC
		1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	approved by REC
		CAD no. CX-102 CIVIL DETAILS	drawing no. CX-102
		project no. BI-RR-28	

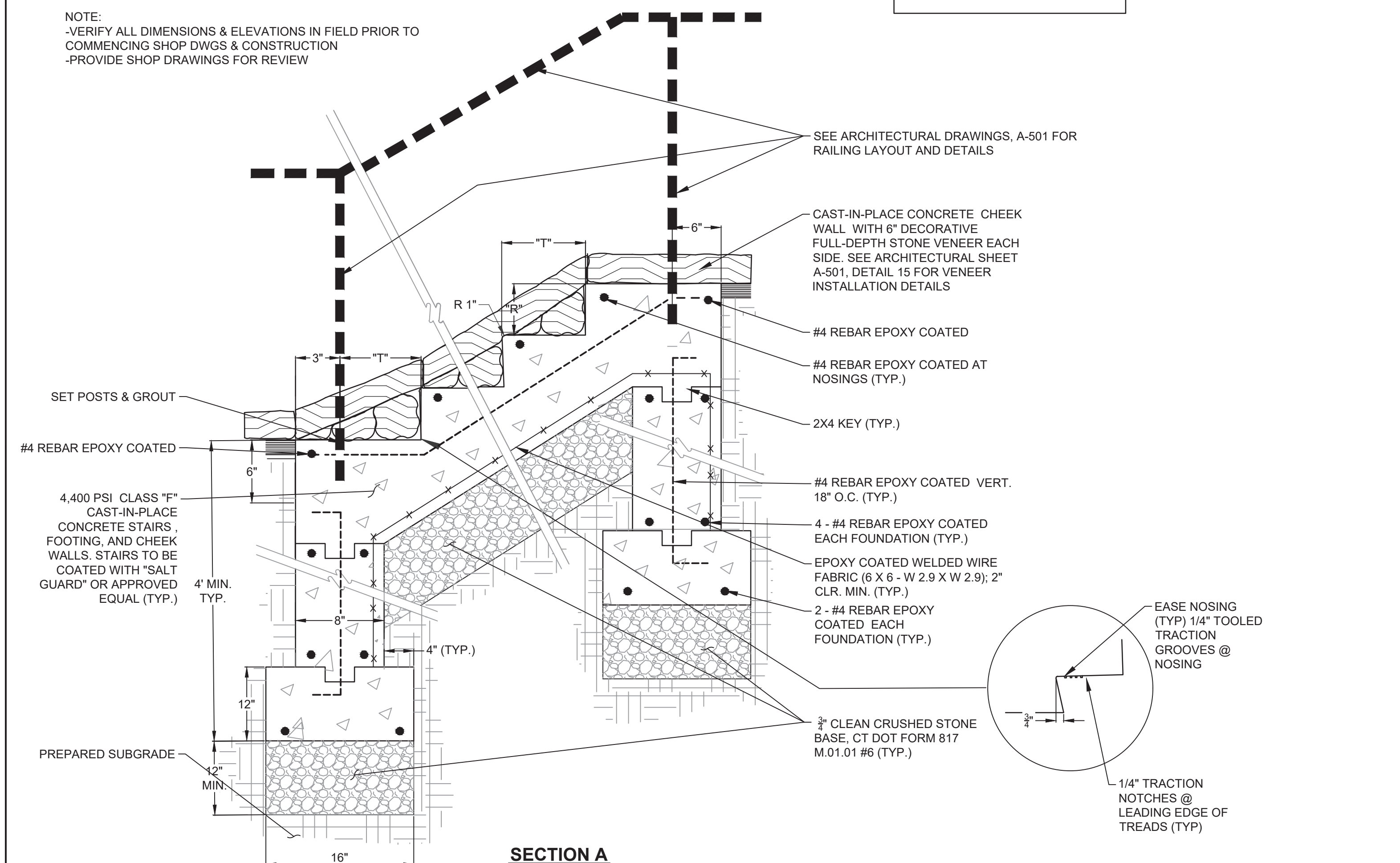


- NOTES (VIF):
- TREAD DEPTH "T" = 12"
 - RISER HEIGHT "R" = 6"
 - PITCH TREADS 1/4"/FT TO DRAIN



NOTE:

- VERIFY ALL DIMENSIONS & ELEVATIONS IN FIELD PRIOR TO COMMENCING SHOP DWGS & CONSTRUCTION
- PROVIDE SHOP DRAWINGS FOR REVIEW



1 PRECAST CONCRETE STEPS WITH DECORATIVE STONE VENEER
NOT TO SCALE

2 ACCESSIBLE CONCRETE RAMP
CX103 NOT TO SCALE

drawing title DETAILS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by MARTINEZ COUCH & ASSOCIATES, LLC. 1084 CROMWELL AVE. ROCKY HILL, CT 06067	date 10/19/2019
	mark	scale AS NOTED	drawn by SDEC
	date	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	approved by REC
		CAD no. CX-103 CIVIL DETAILS	project no. BI-RR-28
			drawing no. CX-103

NOTE: SIMPSON STRONG-TIE STRUCTURAL CONNECTORS ARE USED AS BASIS OF DESIGN THROUGHOUT THESE DOCUMENTS. USE OF MITEK USP STRUCTURAL CONNECTORS OR ALPINE STRUCTURAL CONNECTORS IS ALSO ACCEPTABLE.

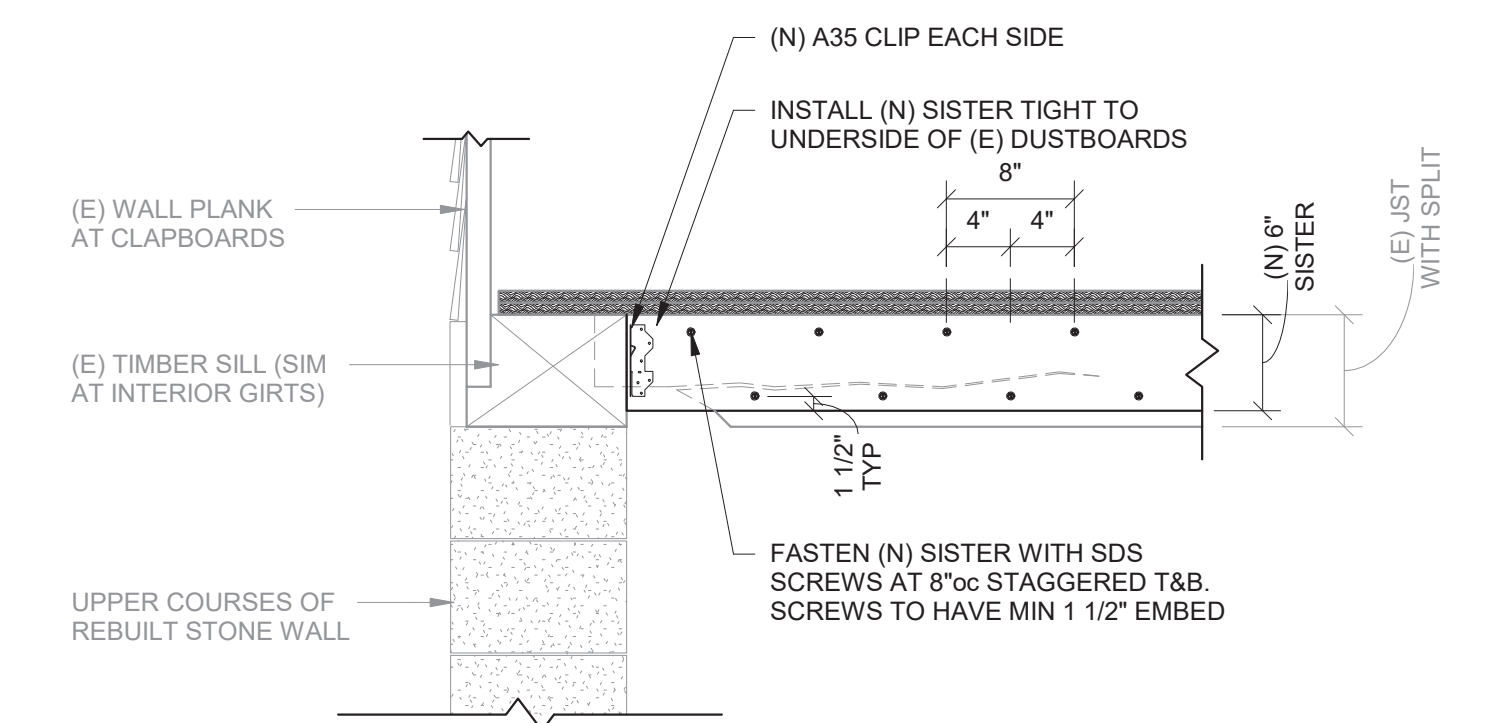
REPAIR SCHEDULE

SYMBOL	DESCRIPTION
⊖	REINF. (E) END CONNECTION WITH 2-L6X6X5/16 WITH SDS SCREWS- SEE PHOTO P07, SIM 3/S-102
⊖	CLEAN (E) HANGER AND INFILL ALL OPEN HOLES - SEE PHOTO P04
⊖	STITCH BOLT (E) POST FULL HEIGHT PER TYP DETAIL ON S-300
⊖	PROVIDE (N) 1/4" X 3'-0" STEEL PLATE EA SIDE (E) SPLICE IN BEAM. BLOCK SOLID AS NEEDED - SEE PHOTO P02
⊖	PROVIDE (N) 2"x6" LEDGER TO SUPPORT (E) SHIFTED WALL PLANK ABOVE- SEE PHOTO P03
⊖	STITCH BOLT BEAM FULL LENGTH SIM TO TYP DETAIL ON S-300

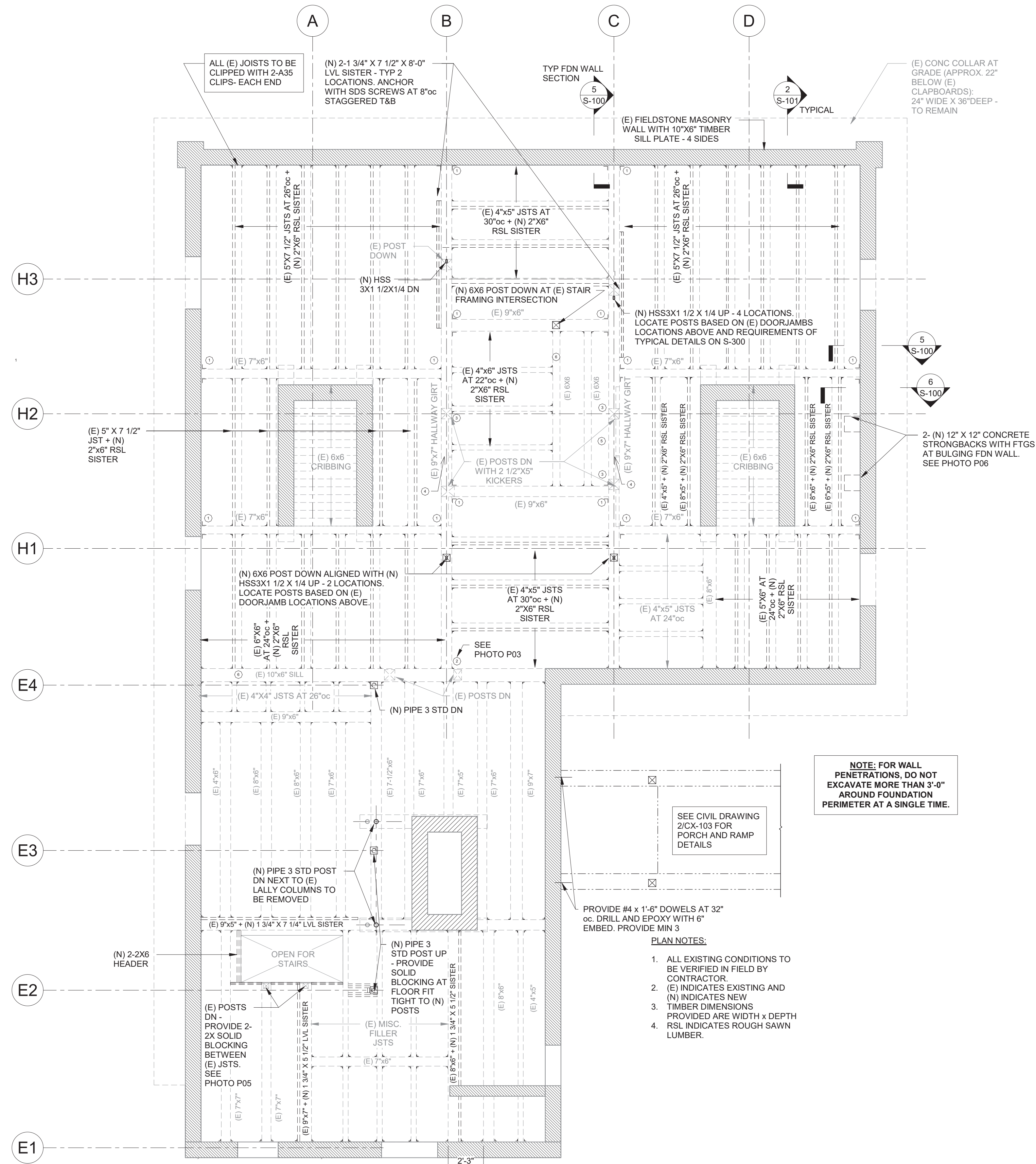
STANDARD STRUCTURAL ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
APPR	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
ASPH	ASPHALT
@	AT
AVG	AVERAGE
BSMT	BASEMENT
BM	BEAM
BRG	BEARING
BTWN	BETWEEN
BLK	BLOCKING
BOTT	BOTTOM
BOF	BOTTOM OF FOOTING
BIT	BITUMINOUS
BLDG	BUILDING
CAP	CAPACITY
CIP	CAST IN PLACE
CLG	CEILING
CEM	CEMENT
CL	CENTERLINE
CTR	CENTER
C TO C	CENTER TO CENTER
CLR	CLEAR
CHAM	CHAMFER
CTRD	CENTERED
COL	COLUMN
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONST	CONSTRUCTION
CJ	CONTROL JOINT
CONTR	CONTRACTOR
CONT	CONTINUOUS
COV	COVER
CF	CUBIC FOOT/FEET
CY	CUBIC YARD(S)
DL	DEAD LOAD
DAB	DEFORMED ANCH BAR
DFL	DEFLECTION
DEG	DEGREE
DTL	DETAIL
DEPR	DEPRESSION
DIAG	DIAGONAL
DIA	DIAMETER
DIM	DIMENSION
DO	DITTO
DWL	DOWEL
DN	DOWN
DWG	DRAWING
EA	EACH
EF	EACH FACE
EW	EACH WAY
EL	ELEVATION
EOS	EDGE OF SLAB
ELEV	ELEVATOR
EXIST	EXISTING
EJ	EXPANSION JOINT
F.D.	FLOOR DRAIN
FF	FAR FACE
FT	FEET, FOOT
FP	FIREPROOFING
FIN	FINISH
F.F.	FINISH FLOOR
FTG	FOOTING
FND	FOUNDATION
FRMG	FRAMING
GAGE	GAGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLU LAM	GLUE LAMINATED
GR	GRADE
GR BM	GRADE BEAM
GYP	GYPSUM
HAS	HEADED ANCHOR STUD
HK	HOOK
HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SECTION
IN	INCH
INCL	INCLUDE
ID	INNER DIAMETER
INT	INTERIOR
IF	INNER FACE
INV.	INVERT
JT	JOINT
KD	KILN DRIED
LT WT	LIGHT WEIGHT
LL	LIVE LOAD
LF	LINEAR FEET
LSL	LAMINATED STRAND LUMBER
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LVL	LAMINATED VENEER LUMBER
LWC	LIGHT WEIGHT CONCRETE
MANUF	MANUFACTURER
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MTL	METAL
MISC.	MISCELLANEOUS
MTD	MOUNTED
NF	NEAR FACE
NORM WT	NORMAL WEIGHT
NIC	NOT IN CONTACT
NO. OR #	NUMBER
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
oc	ON-CENTER
OPNG	OPENING
OPP	OPPOSITE
OF	OUTSIDE FACE
OD	OUTSIDE DIAMETER
OSB	ORIENTED STRAND BOARD
PERP	PERPENDICULAR
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PL	PENETRATION
PCS	PIECES
PL	PLATE
PMF	PREMOLDED FILLER
PROJ	PROJECTION
PT	PRESSURE TREATED
LB	POUND
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PCF	POUNDS PER CUBIC FOOT
PAF	POWER ACTUATED FASTENER
P/C	PRECAST
GR BM	GRADE BEAM
PREFAB	PREFABRICATED
PSL	PARALLEL STRAND LUMBER
P/S	PRESTRESSED
P/T	POST-TENSIONED
PL	PROPERTY LINE
QTY	QUANTITY
R	RADIUS
REBAR	REINFORCING BAR
REINF	REINFORCING
REQD	REQUIRED
SECT	SECTION
SPEC	SPECIFICATION
SLV	SHORT LEG VERTICAL
SOG	SLAB ON GRADE
SQ	SQUARE
SIM	SIMILAR
SF	SQUARE FOOT/FEET
STL	STEEL
STD	STANDARD
STIFF	STIFFENER
STIRR	STIRRUP
STRUC	STRUCTURAL
SYMM	SYMMETRICAL
T&B	TOP AND BOTTOM
TEMP	TEMPORARY
T&G	TONGUE AND GROOVE
THK	THICK, THICKNESS
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOL	TOP OF LEDGE
TOS	TOP OF STEEL
TOW	TOP OF WALL
THRU	THROUGH
TOPG	TOPPING
TYP	TYPICAL
TS	TUBE STEEL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
WPRF	WATERPROOF
WD	WOOD
WP	WORKING POINT
WT	WEIGHT
W/	WITH
WWF	WELDED WIRE FABRIC
W/O	WITHOUT
YD	YARD

STANDARD ABBREVIATIONS

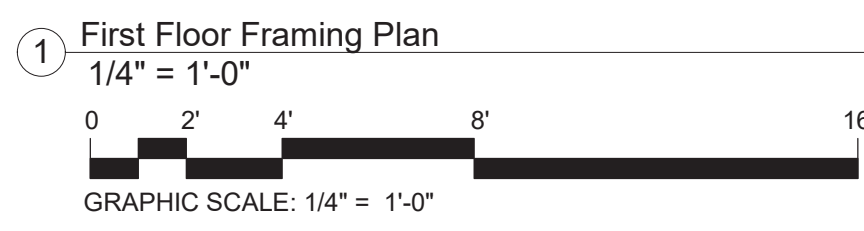


SECTION AT (N) 1ST FLOOR JST SISTER
TYPICAL
1" = 1'-0"



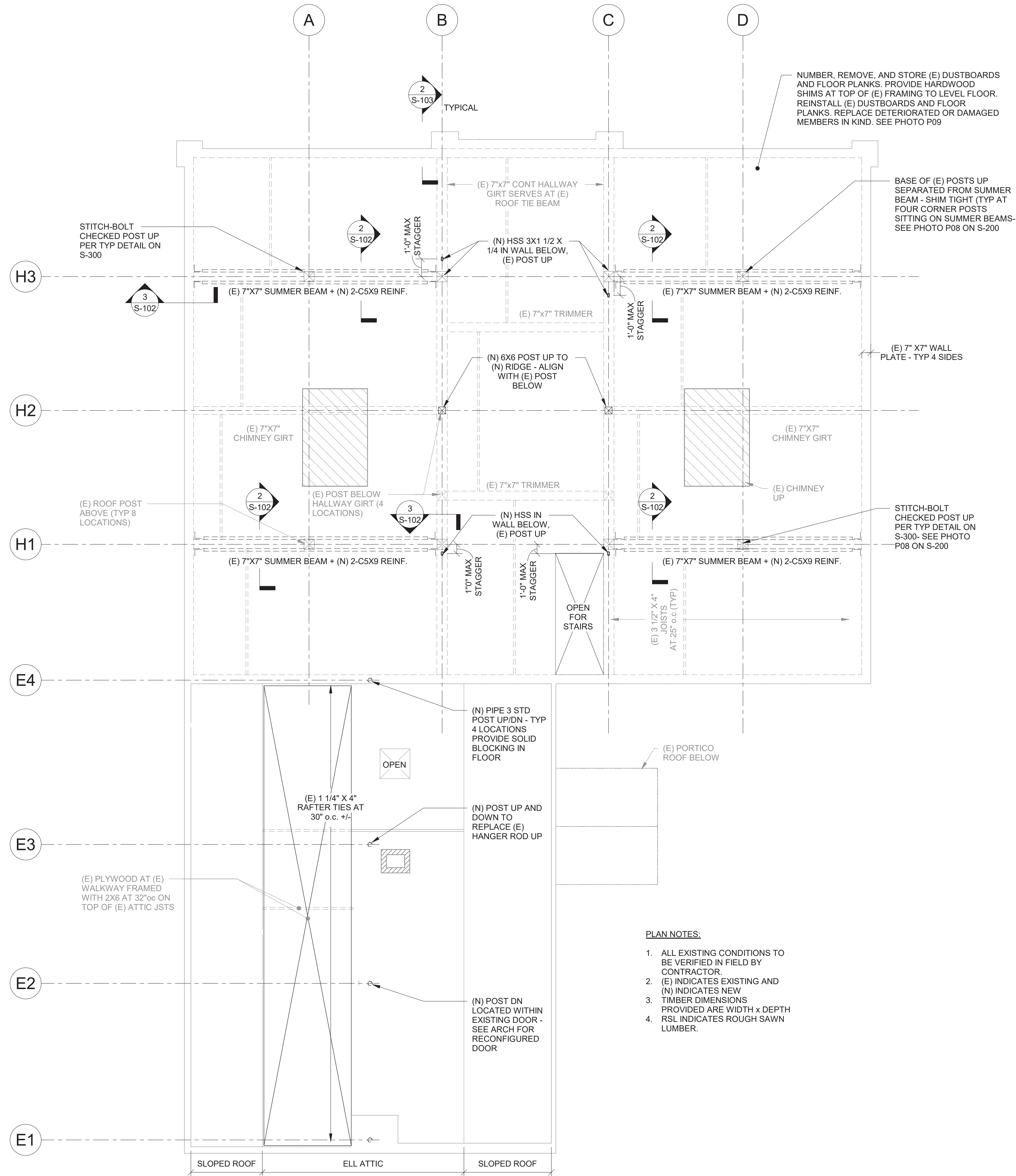
NOTE: FOR WALL PENETRATIONS, DO NOT EXCAVATE MORE THAN 3'-0" AROUND FOUNDATION PERIMETER AT A SINGLE TIME.

- PLAN NOTES:
1. ALL EXISTING CONDITIONS TO BE VERIFIED IN FIELD BY CONTRACTOR. (E) INDICATES EXISTING AND (N) INDICATES NEW
 2. DIMENSIONS PROVIDED ARE WIDTH x DEPTH
 3. RSL INDICATES ROUGH SAWN LUMBER.



drawing title		REVISIONS		STATE OF CONNECTICUT	
First Floor Framing Plan				DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal		mark	date	description	date
					11/19/2019
				drawing prepared by	
				GNCB CONSULTING ENGINEERS, P.C.	
				1358 BOSTON BOST ROAD, 2ND FLOOR, PO BOX 802	
				OLD SAYBROOK, CT 06475	
				project	
				PRUDENCE CRANDALL MUSEUM RENOVATIONS	
				drawn by	
				MD/AJ	
				approved by	
				JFN	
				drawing no.	
				S-101	
drawing title		project no.		drawing no.	
S-101 First Floor Framing Plan		BL-RR-28		S-101	

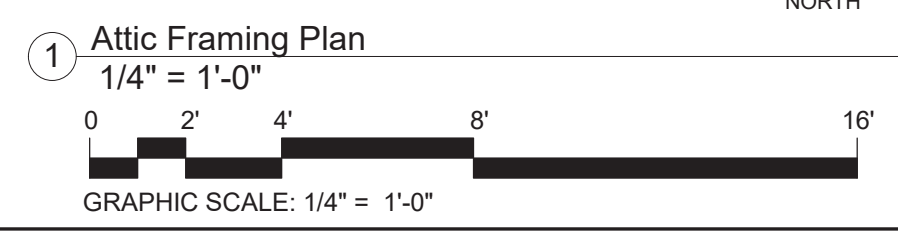
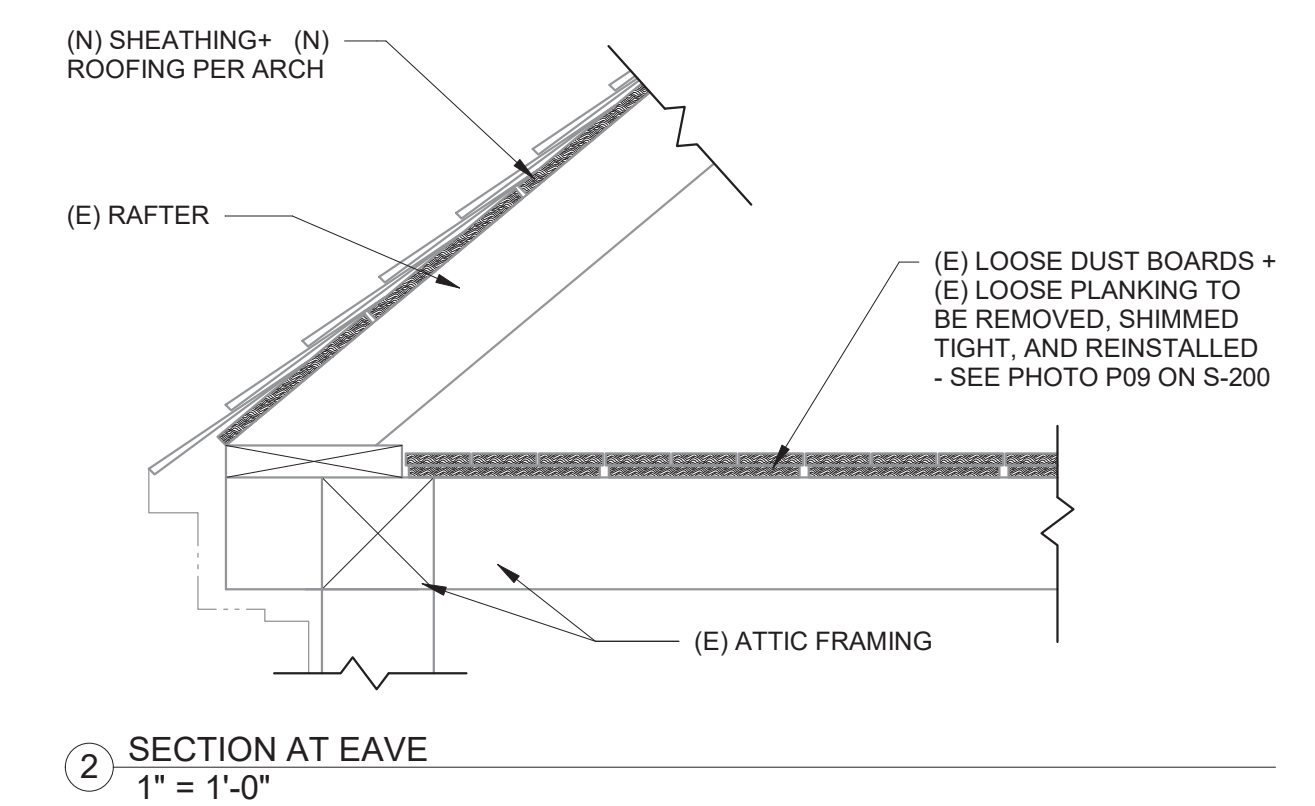
NOTE: SIMPSON STRONG-TIE STRUCTURAL CONNECTORS ARE USED AS BASIS OF DESIGN THROUGHOUT THESE DOCUMENTS. USE OF MITEK USP STRUCTURAL CONNECTORS OR ALPINE STRUCTURAL CONNECTORS IS ALSO ACCEPTABLE.



NUMBER, REMOVE, AND STORE (E) DUSTBOARDS AND FLOOR PLANKS. PROVIDE HARDWOOD SHIMS AT TOP OF (E) FRAMING TO LEVEL FLOOR. REINSTALL (E) DUSTBOARDS AND FLOOR PLANKS. REPLACE DETERIORATED OR DAMAGED MEMBERS IN KIND. SEE PHOTO P09

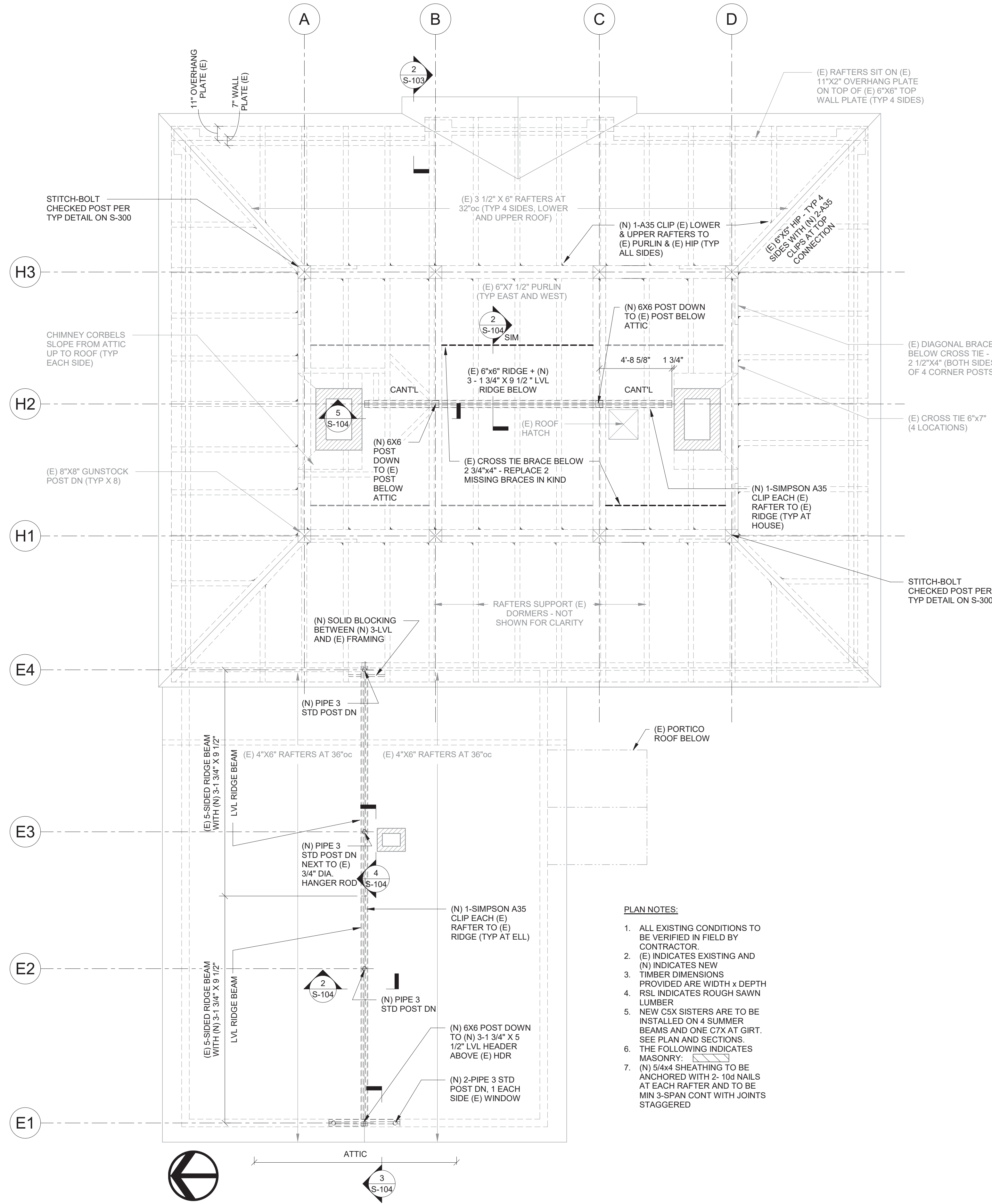
BASE OF (E) POSTS UP SEPARATED FROM SUMMER BEAM - SHIM TIGHT (TYP AT FOUR CORNER POSTS SITTING ON SUMMER BEAMS- SEE PHOTO P08 ON S-200

STITCH-BOLT CHECKED POST UP PER TYP DETAIL ON S-300- SEE PHOTO P08 ON S-200

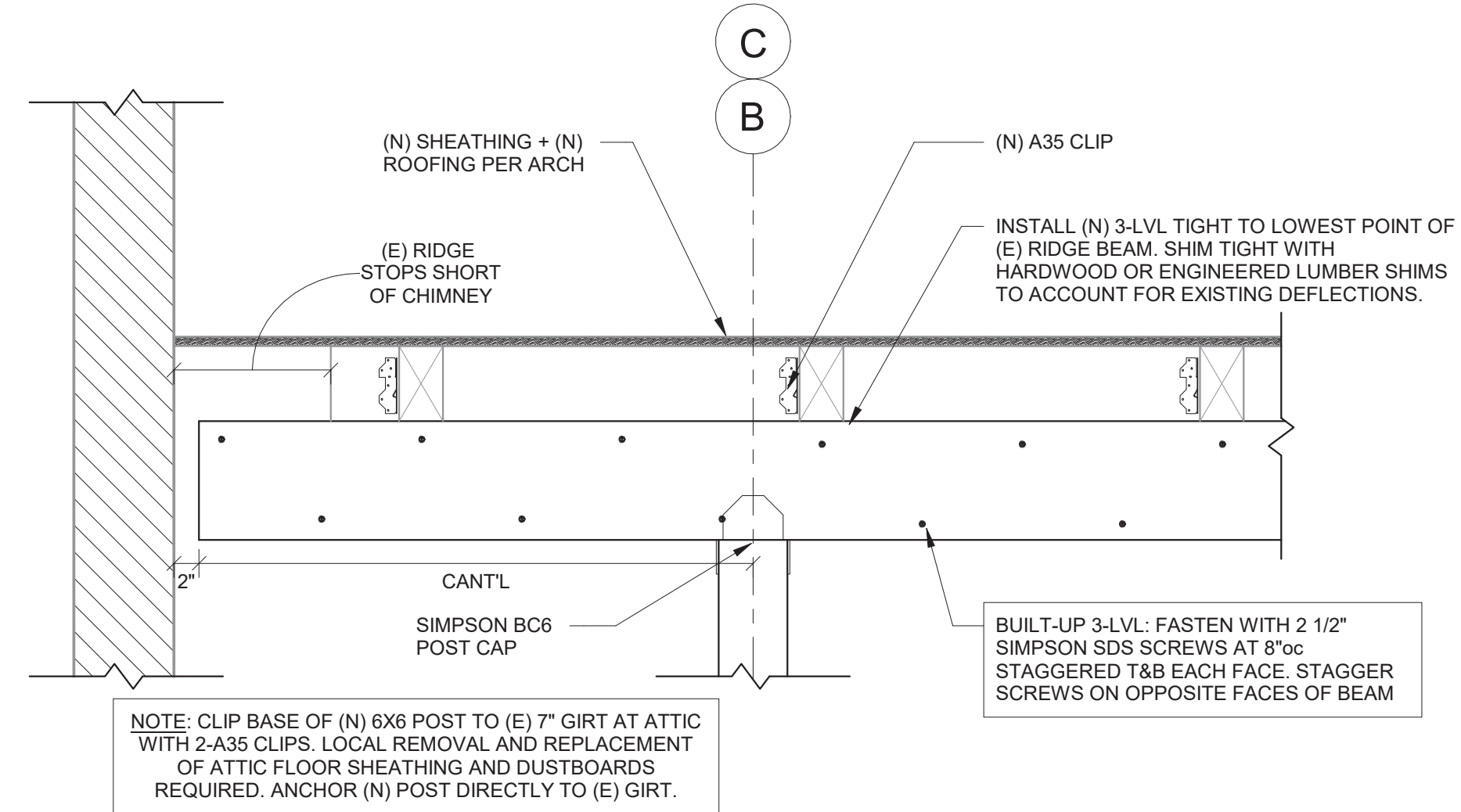


drawing title Attic Floor Framing Plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by GNCB CONSULTING ENGINEERS, P.C. 1358 BOSTON BOST ROAD, 2ND FLOOR, PO BOX 802 OLD SAYBROOK, CT 06475	date 11/19/2019
	mark	description	scale As indicated
	date		drawn by MD/AJ
		project PRUDENCE CRANDALL MUSEUM RENOVATIONS	approved by AJ
		1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	drawing no. S-103
CAD no. S-103 Attic Floor Framing Plan		project no. BI-RR-28	

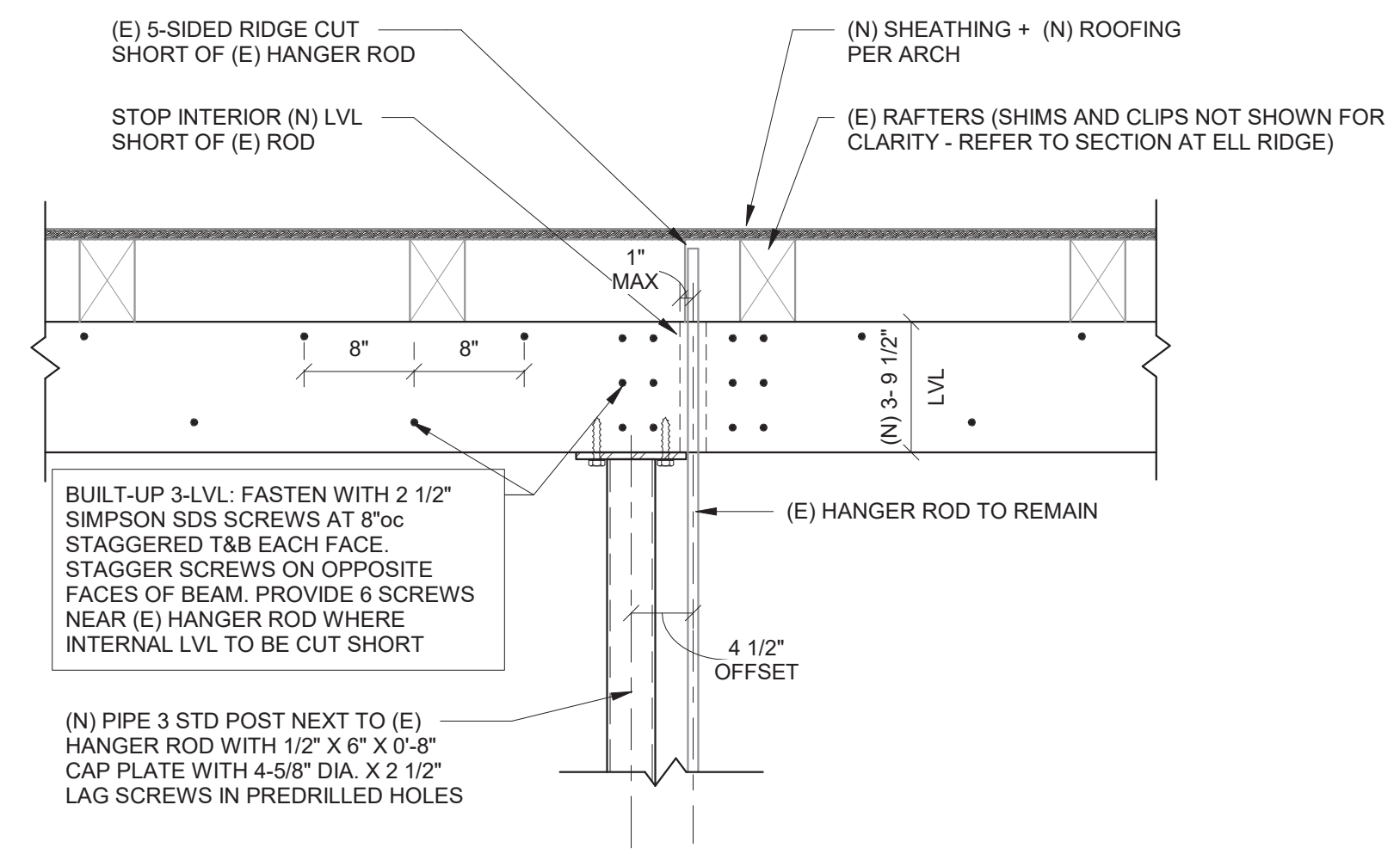
NOTE: SIMPSON STRONG-TIE STRUCTURAL CONNECTORS ARE USED AS BASIS OF DESIGN THROUGHOUT THESE DOCUMENTS. USE OF MITEK USP STRUCTURAL CONNECTORS OR ALPINE STRUCTURAL CONNECTORS IS ALSO ACCEPTABLE.



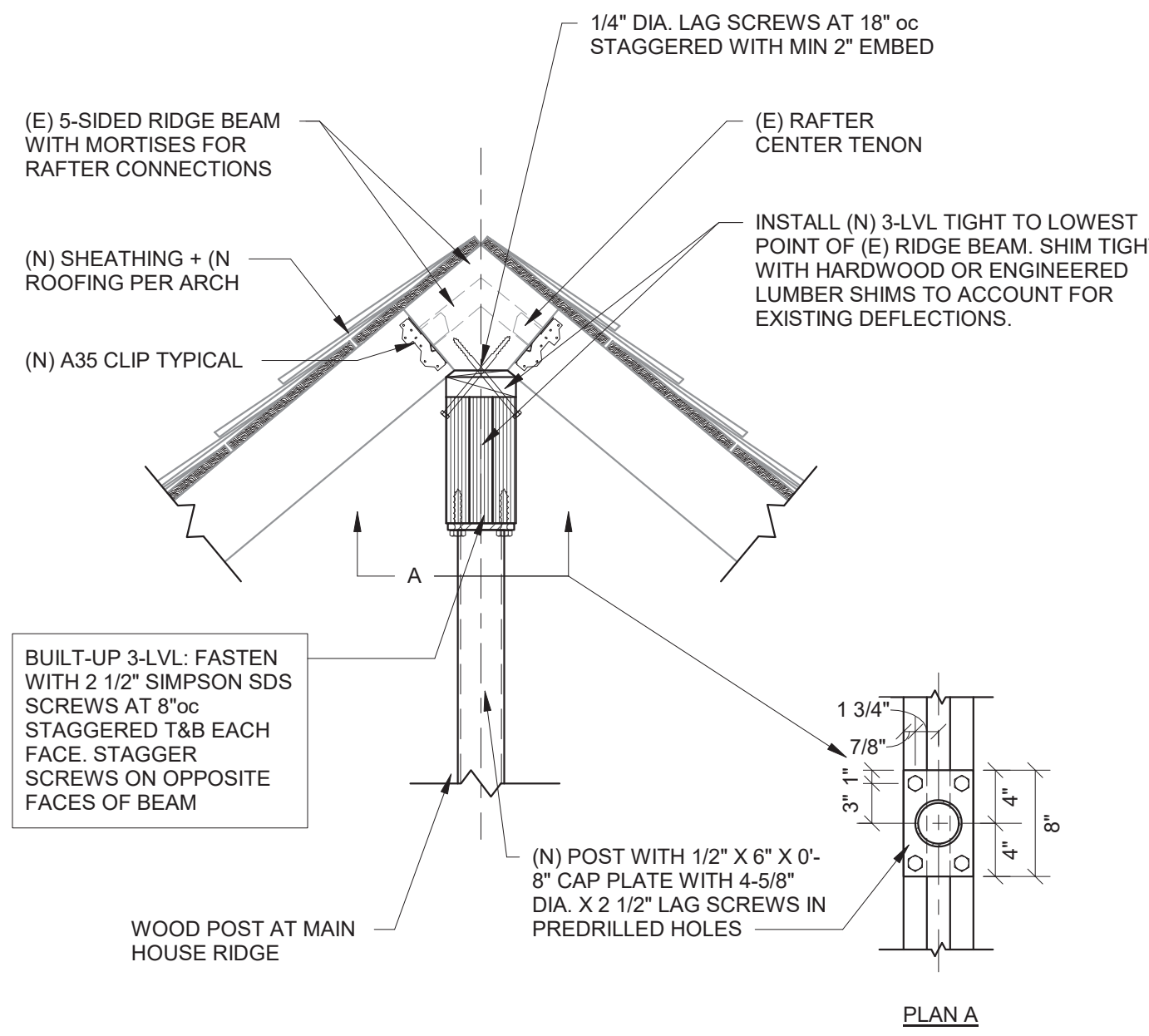
- PLAN NOTES:**
1. ALL EXISTING CONDITIONS TO BE VERIFIED IN FIELD BY CONTRACTOR.
 2. (E) INDICATES EXISTING AND (N) INDICATES NEW
 3. TIMBER DIMENSIONS PROVIDED ARE WIDTH X DEPTH
 4. RSL INDICATES ROUGH SAWN LUMBER
 5. NEW CSX SISTERS ARE TO BE INSTALLED ON 4 SUMMER BEAMS AND ONE CTX AT GIRT. SEE PLAN AND SECTIONS.
 6. THE FOLLOWING INDICATES MASONRY: [Symbol]
 7. (N) 5/4x4 SHEATHING TO BE ANCHORED WITH 2-10d NAILS AT EACH RAFTER AND TO BE MIN 3-SPAN CONT WITH JOINTS STAGGERED



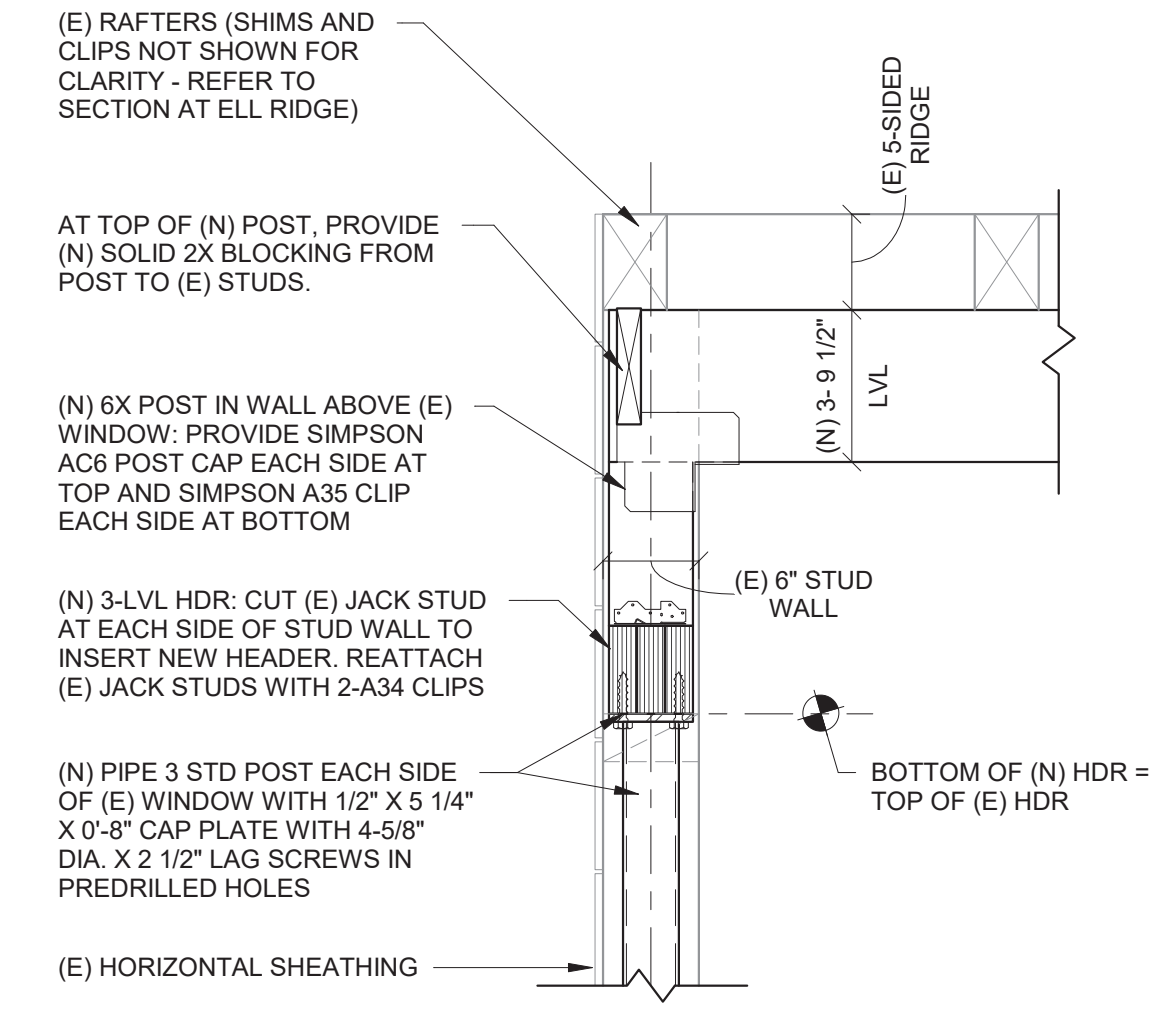
5 SECTION AT RIDGE
1" = 1'-0"



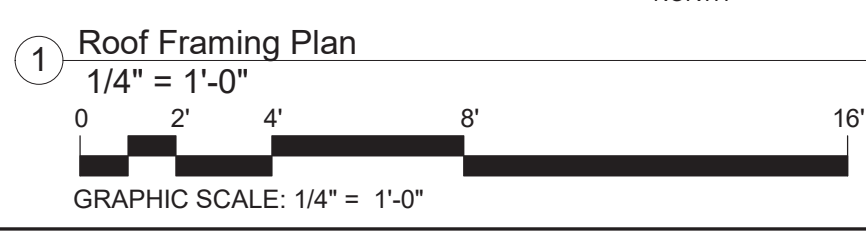
4 SECTION AT ELL HANGER ROD
1" = 1'-0"



2 SECTION AT RIDGE
1" = 1'-0"



3 ELL POST AT EXTERIOR WALL
1" = 1'-0"



drawing title Roof Framing Plan		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by GNCB CONSULTING ENGINEERS, P.C. 1358 BOSTON BOST ROAD, 2ND FLOOR, PO BOX 802 OLD SAYBROOK, CT 06475	date 11/19/2019
	mark	description	scale As indicated
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by MD/AJ
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by JFN	drawing no. S-104
CAD no. S-104 - Roof Framing Plan	project no. BI-RR-28		

10/24 C:\Users\jfn\Documents\10041_S104_Prudence_Crandall_Museum_Central_Internet_Login.rvt



P09
LOOSE FLOOR BOARDS TO BE SHIMMED AND REATTACHED.



P08
SHIM POSTS IN ATTIC TIGHT TO ATTIC FLOOR FRAMING



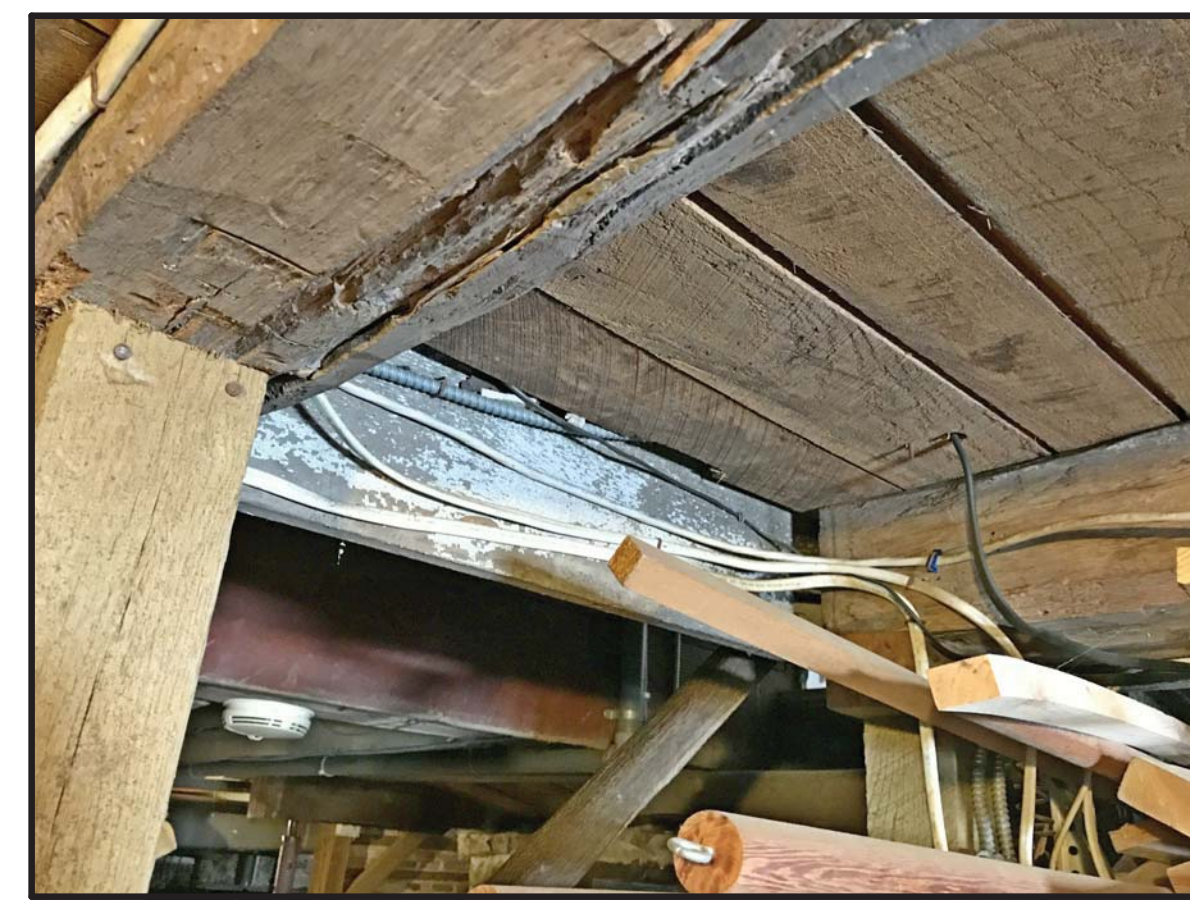
P07
ALL GIRDER END CONNECTIONS TO BE REINFORCED WITH NEW STEEL ANGLES.

NOTE: SIMPSON STRONG-TIE STRUCTURAL CONNECTORS ARE USED AS BASIS OF DESIGN THROUGHOUT THESE DOCUMENTS. USE OF MITEK USP STRUCTURAL CONNECTORS OR ALPINE STRUCTURAL CONNECTORS IS ALSO ACCEPTABLE.

REPAIR SCHEDULE	
SYMBOL	DESCRIPTION
①	REINF. (E) END CONNECTION WITH 2-L6X6X5/16 WITH SDS SCREWS - SEE PHOTO P07. SIM 3/S-102
②	CLEAN (E) HANGER AND INFILL ALL OPEN HOLES - SEE PHOTO P04
③	STITCH BOLT (E) POST FULL HEIGHT PER TYP DETAIL ON S-300
④	PROVIDE (N) 1/4" X 3'-0" STEEL PLATE EA SIDE (E) SPLICE IN BEAM. BLOCK SOLID AS NEEDED - SEE PHOTO P02
⑤	PROVIDE (N) 2"X6" LEDGER TO SUPPORT (E) SHIFTED WALL PLANK ABOVE- SEE PHOTO P03
⑥	STITCH BOLT BEAM FULL LENGTH SIM TO TYP DETAIL ON S-300



P06
PROVIDE NEW CONCRETE STRONG BACKS TO STABILIZE BULGING FOUNDATION WALL.



P05
INSTALL NEW BLOCKING BETWEEN EXISTING JOISTS. INSTALL BLOCKING TIGHT TO UNDERSIDE OF DECK AND SHIM TIGHT AS NEEDED.



P04
WIRE BRUSH CLEAN EXISTING HANGER AND INSTALL (N) LAG SCREWS IN EMPTY HOLES. REMOVE AND REINSTALL WIRING AS NEEDED.



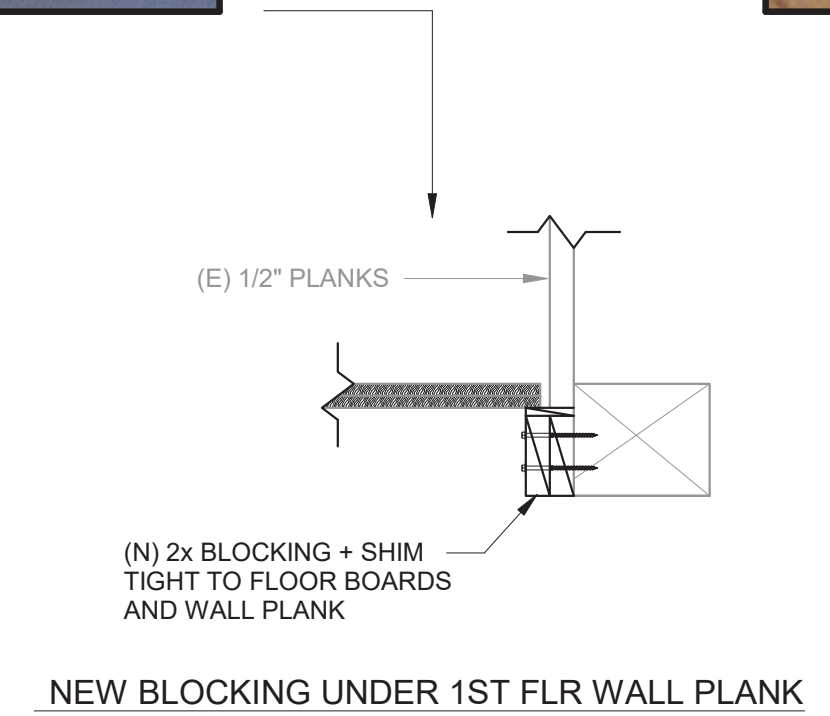
P03
FIRST FLOOR WALL PLANK VISIBLE IN BASEMENT DUE TO DEFLECTIONS. INSTALL NEW BLOCKING TIGHT TO UNDERSIDE OF PLANKS AND SHIM AS NEEDED. SEE DETAIL. REMOVE AND REINSTALL WIRING AS NEEDED.



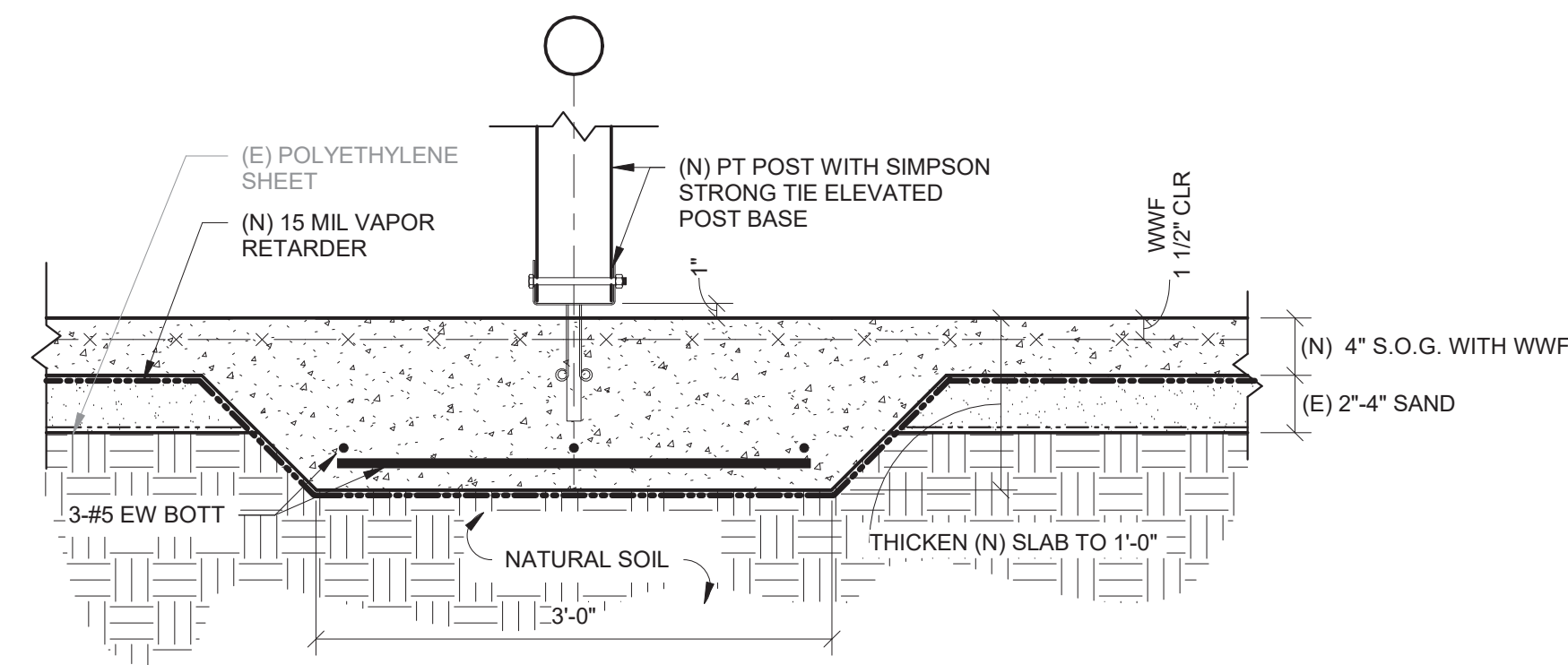
P02
NEW SPLICE PLATES REQUIRED AT SHIFTED SPLICE IN BEAM .



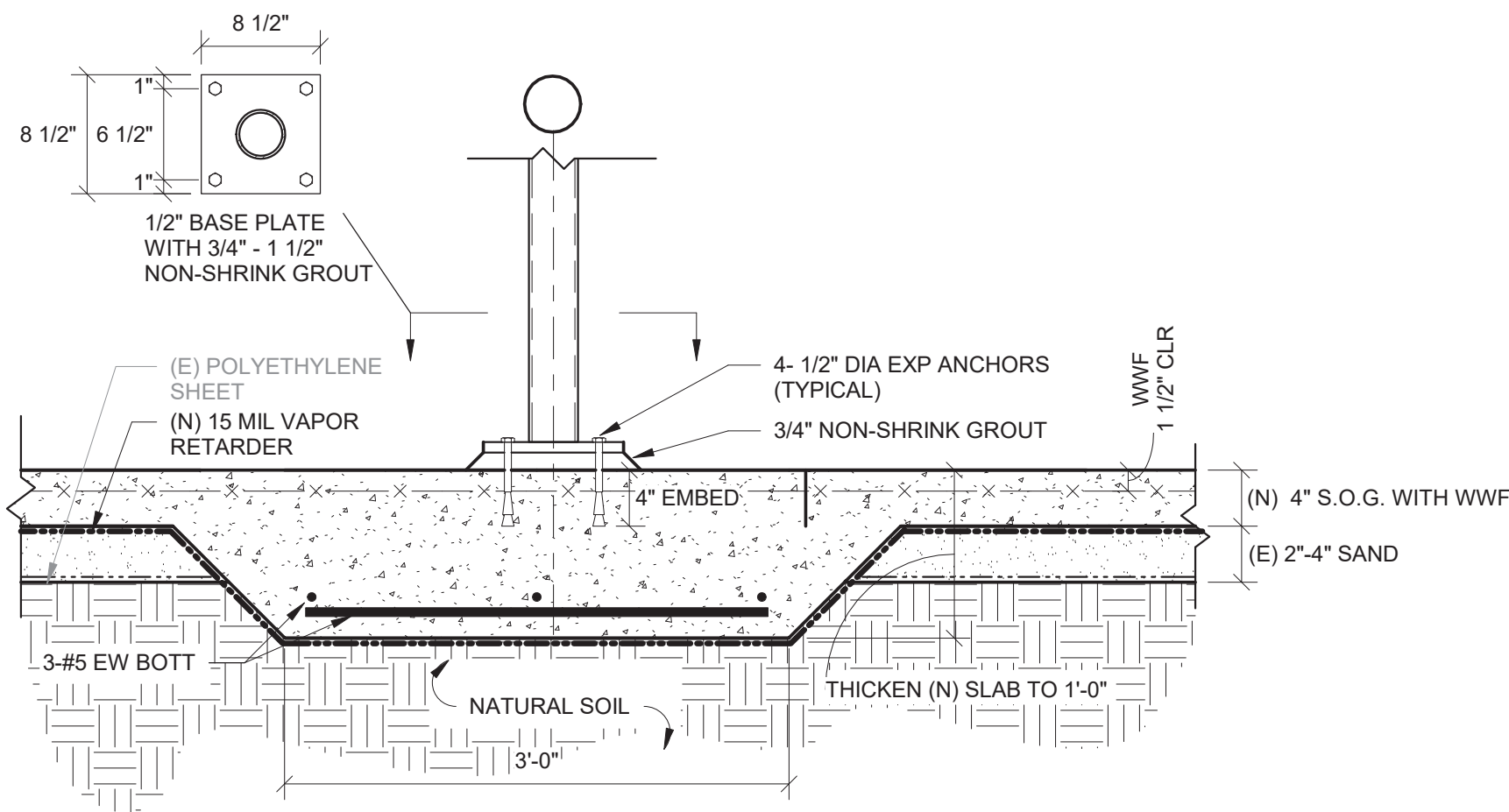
P01
STITCH BOLT SPLIT TIMBERS.



drawing title Photos of Existing Conditions		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal 	REVISIONS		drawing prepared by GNCB CONSULTING ENGINEERS, P.C. 1358 BOSTON BOST ROAD, 2ND FLOOR, PO BOX 802 OLD SAYBROOK, CT 06475
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	scale As indicated
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by Author	approved by Checker
CAD no. S-200	Photos of Existing Conditions	project no. BI-RR-28	drawing no. S-200

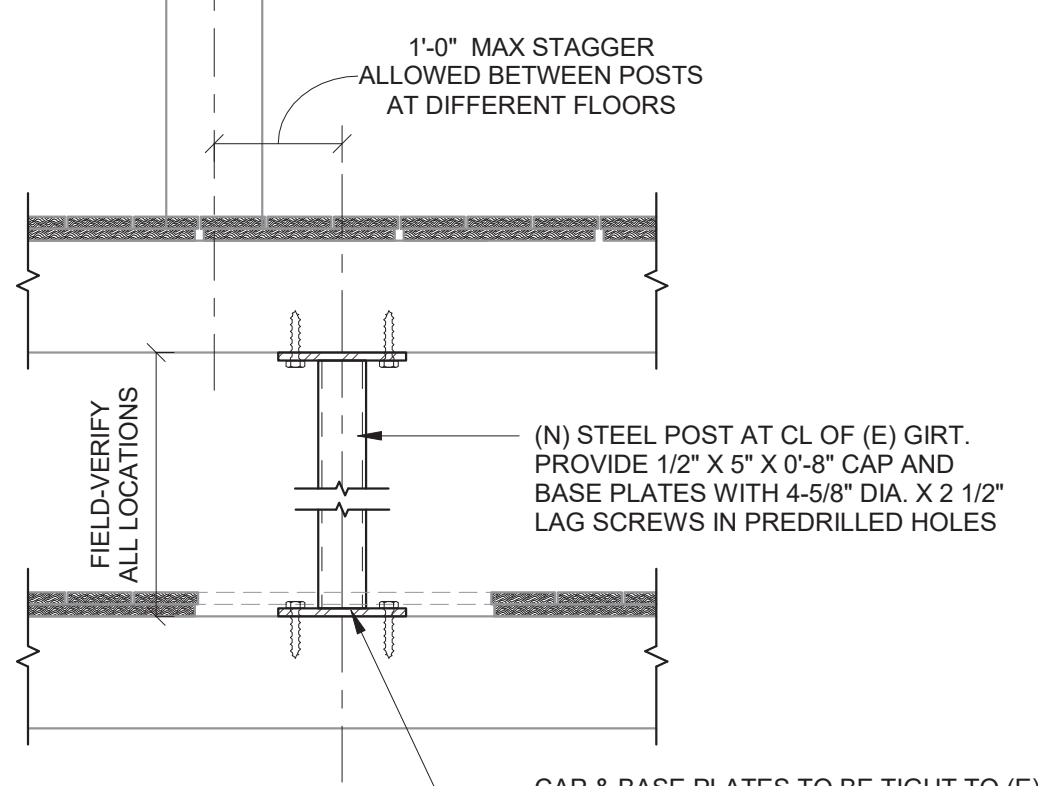


(N) SLAB-ON-GRADE AT (N) WOOD POST

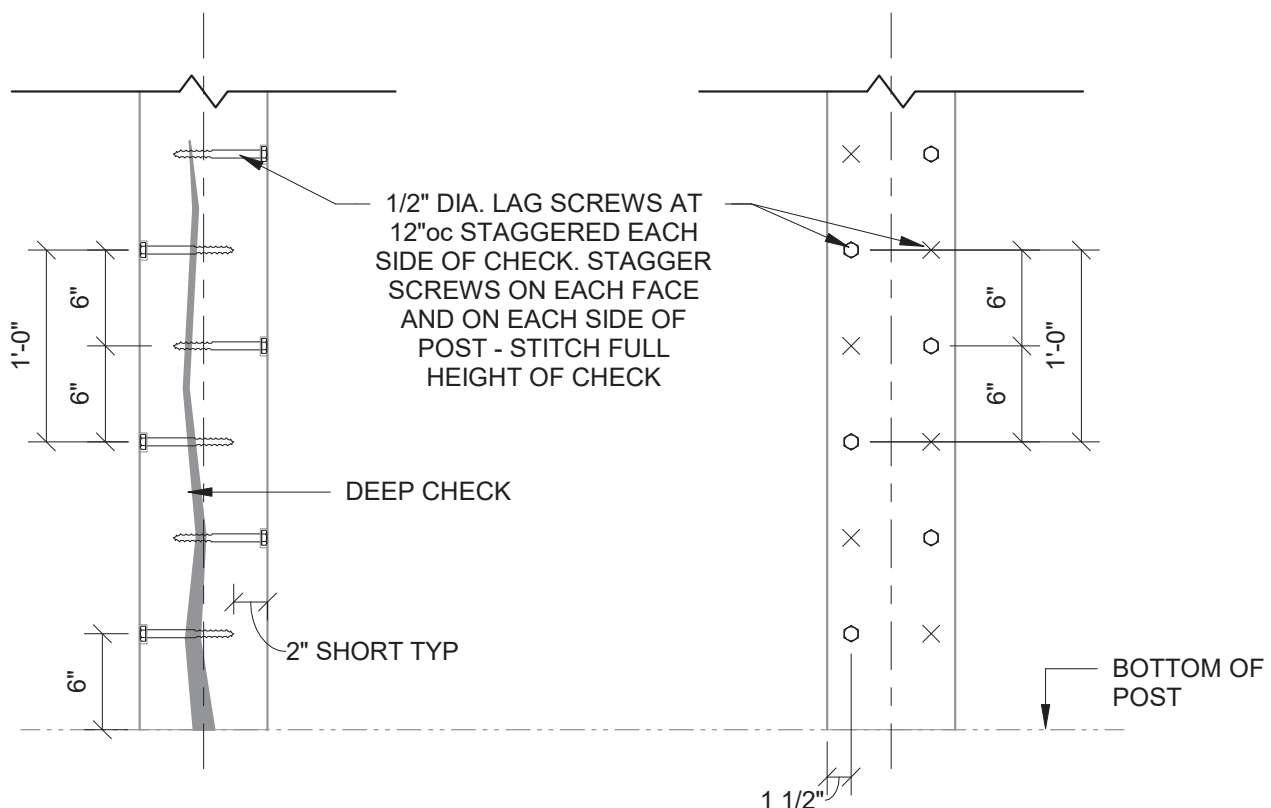


(N) SLAB-ON-GRADE AT (N) STEEL POST

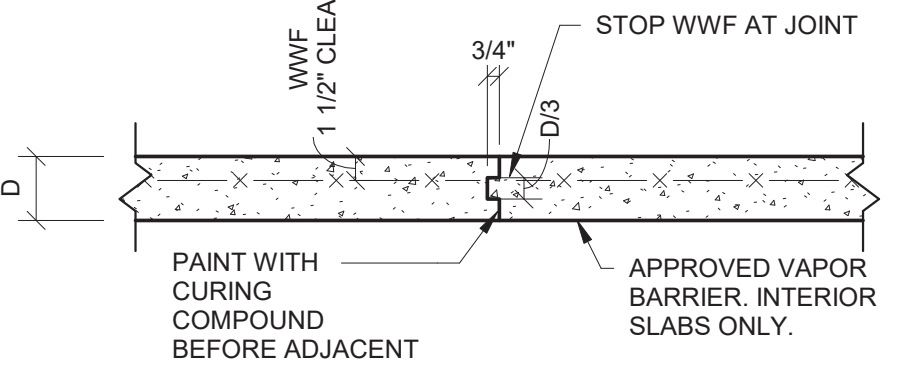
NOTE: STEEL SHIMS UP TO 3/4\"/>



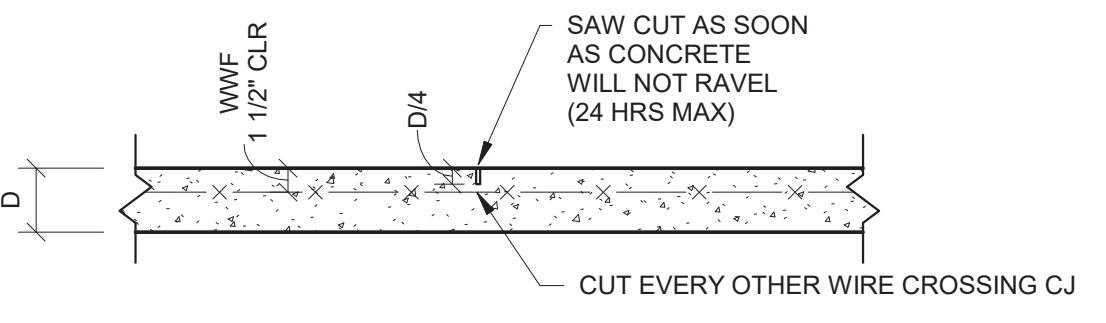
TYPICAL (N) POST DETAIL



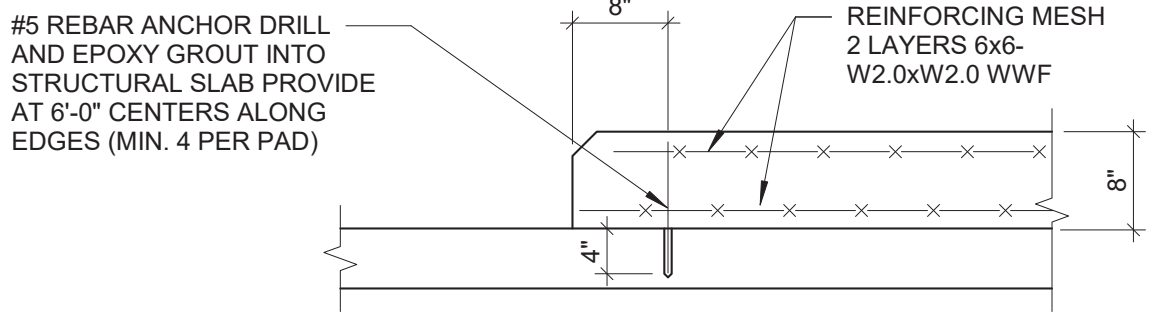
TYPICAL STITCH BOLT DETAILS



TYPICAL SLAB ON GRADE CONSTRUCTION JOINT DETAIL



TYPICAL SLAB ON GRADE CONTROL JOINT DETAIL



TYPICAL CONCRETE HOUSE KEEPING PAD

GENERAL

- 2018 STATE OF CONNECTICUT STATE BUILDING CODE AND SUPPLEMENT.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING AND BRACING TO MAINTAIN THE STABILITY, SAFETY, AND LATERAL LOAD RESISTANCE OF THE BUILDING AND ITS INDIVIDUAL COMPONENTS THROUGHOUT CONSTRUCTION.
- DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST ARCHITECTURAL DRAWINGS.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES. OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER.
- FOR RENOVATIONS AND ADDITIONS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES PRIOR TO PERFORMING WORK.
- DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE GENERALLY OBTAINED FROM THE ARCHITECT AND ARE INCLUDED AS INFORMATION COMPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. LAYOUT OF BUILDING FOUNDATIONS OR OTHER ITEMS MAY BE MADE USING THE DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS ONLY IF THE CONTRACTOR HAS COMPARED THESE DRAWINGS WITH THE ARCHITECTURAL DRAWING AND HAS RECEIVED CLARIFICATION, FROM THE ARCHITECT, REGARDING ANY ERRORS, INCONSISTENCIES, OR OMISSIONS.
- DO NOT SCALE DRAWINGS TO OBTAIN INFORMATION.
- SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WATER/DAMP-PROOFING AND FIREPROOFING REQUIREMENTS.

DESIGN CRITERIA

- DESIGN LIVE LOADS:
 - FIRST FLOOR: 50 PSF
 - SECOND FLOOR: 30 PSF- NO STORAGE
 - ATTICS: NO STORAGE - ACCESS FOR MAINTENANCE ONLY
- SNOW LOADS:
 - GROUND SNOW LOAD: Pg = 35
 - IMPORTANCE FACTOR: Is = 1.0
 - FLAT ROOF SNOW LOAD: Pf = 30 PSF
 - SNOW EXPOSURE FACTOR: Ce = 1.0
 - THERMAL FACTOR: Ct = 1.0
- WIND LOADS:
 - NOMINAL DESIGN WIND SPEED (3 SEC GUST, ASD): 105 MPH
 - WIND EXPOSURE CATEGORY: C
 - WIND IMPORTANCE FACTOR: Iw = 1.15

REINFORCED CONCRETE

- ALL CONCRETE IS DESIGNED BY ULTIMATE STRENGTH METHODS PER ACI 318 AND SHALL BE NORMAL WEIGHT (UNLESS INDICATED AS LIGHT WEIGHT ON PLANS) AIR ENTRAINED WITH A 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
 - WALLS AND FOUNDATIONS: 3000 PSI
 - INTERIOR SLABS ON GRADE: 3500 PSI
- ALL REINFORCING BARS SHALL BE HIGH STRENGTH DEFORMED BARS ASTM A 615 - GRADE 60 U.N.O.
- REINFORCING BARS FOR WELDING TO STRUCTURAL STEEL SHALL BE ASTM A706 WELDABLE REINFORCING.
- DETAIL ALL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL - 1988." SHOW ON THE PLACING DRAWINGS THE NUMBER AND LOCATION OF ALL BAR SUPPORTS AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN POSITIONS INDICATED.
- MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT WHEN NOT OTHERWISE INDICATED SHALL BE:
 - CONCRETE POURED IN FORMS BUT EXPOSED TO EARTH OR WEATHER: 3"
 - CONCRETE POURED IN FORMS BUT EXPOSED TO EARTH OR WEATHER - 1 - 1/2" BARS #5 AND SMALLER:
 - CONCRETE POURED IN FORMS BUT EXPOSED TO EARTH OR WEATHER - 2" BARS LARGER THAN #5
 - SLABS, WALLS NOT EXPOSED TO EARTH OR WEATHER: 3/4"
- NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER. REBAR DEVELOPMENT / SPLICE LENGTH SHALL BE AS SHOWN IN THE TABLES AT THE END OF THIS SECTION UNLESS OTHERWISE NOTED. MAKE ALL BARS CONTINUOUS AROUND CORNERS.

ANCHORS

- ALL HOLES INTO MASONRY OR CONCRETE WALLS FOR PROPRIETARY ANCHORING SYSTEMS SHALL BE DRILLED AND CLEANED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- ALL PROPRIETARY ANCHORING SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND USING ALL RECOMMENDED ACCESSORIES AND SUPPLEMENTAL COMPONENTS SUCH AS SCREEN TUBES, WASHERS, ETC.
- ALL HOLES IN HOLLOW MASONRY SHALL BE DRILLED WITH ROTARY DRILLS. HAMMER DRILLS ARE NOT PERMITTED.
- ALL THREADED CONCRETE/MASONRY ANCHORS SHALL BE HILTI HUS-H, SIMPSON TITEN, ITW TAP-CON
- ALL EXPANSION ANCHORS SHALL BE HILTI KWIK-BOLT 3, SIMPSON WEDGE-ALL, OR DEWALT POWER-STUD

STEEL

- ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS NOTED OTHERWISE ON THE DRAWINGS:
 - ALL ROLLED SECTIONS (EXCEPT WF): ASTM A36
 - TUBULAR SECTIONS: ASTM A500, GRADE B
 - PIPE SECTIONS: ASTM A53, GRADE B
 - ANCHOR RODS: ASTM F1554, GRADE 55
 - MISC. PLATES AND CONNECTION MATERIALS: ASTM A36
- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL STEEL
- ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE CURRENT SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS AS ENDORSED BY AISC.
- ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY (AWS) STRUCTURAL WELDING CODE - STEEL D11, LATEST EDITION. USE E70XX ELECTRODES UNLESS NOTED OTHERWISE.
- PROVIDE ALL PLATES, CLIP ANGLES, CLOSURE PIECES, STRAP ANCHORS, MISCELLANEOUS PIECES, AND HOLES REQUIRED TO COMPLETE THE STRUCTURE.
- ALL STEEL EXPOSED TO WEATHER, INCLUDING LINTELS IN EXTERIOR WALLS, AND STEEL IN BASEMENT SHOULD BE HOT DIP GALVANIZED U.N.O.

WOOD

- ALL FRAMING LUMBER SHALL BE DRY (19% MAXIMUM MOISTURE CONTENT) SPF U.N.O. PRESSURE TREATED SOUTHERN PINE SHALL BE USED FOR GROUND CONTACT, SILL PLATES, OR EXTERIOR USE.
 - ALL OTHER MEMBERS SHALL BE NO. 2 OR BETTER.
 - FOR EXPOSED FRAMING SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- WHERE FRAMING CLIPS OR JOISTS HANGERS ARE USED, NAILING SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL OPENINGS SHALL BE FRAMED WITH DOUBLE MEMBERS UNLESS OTHERWISE NOTED ON PLANS.
- METAL CONNECTOR HARDWARE SHOWN ON PLANS AND DETAILS ARE SIMPSON STRONG-TIE CONNECTORS AND ARE SELECTED FOR LOAD REQUIREMENTS. SUBSTITUTION IS PERMITTED IF LOAD CAPACITIES OF ALTERNATE ARE OF EQUAL OR GREATER CAPACITY THAN COMPARABLE SIMPSON CONNECTOR. FASTENING SHALL BE PER MANUFACTURER'S REQUIREMENTS.
- SIMPSON STRONG-TIE STRUCTURAL CONNECTORS ARE USED AS BASIS OF DESIGN THROUGHOUT THESE DOCUMENTS. USE OF MITEK USP STRUCTURAL CONNECTORS OR ALPINE STRUCTURAL CONNECTORS IS ALSO ACCEPTABLE.

ENGINEERED WOOD


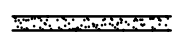


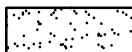


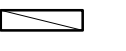


- ALL ENGINEERED LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

ENGINEERED WOOD PROPERTIES					
	Fb (psi)	Fc PARR (psi)	Fc PERP (psi)	Fv (psi)	E (psi)
LVL	2950	750	1250	125	1.9E6

SUBMITTALS

- REFER TO ARCHITECTURAL DRAWINGS AND PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. ITEMS LISTED HERE ARE NOT INCLUSIVE OF ALL PROJECT REQUIREMENTS.
- CONTRACTOR/SUBCONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE FOLLOWING ITEMS FOR REVIEW AND APPROVAL BY THE ENGINEER, PRIOR TO THE PURCHASE AND INSTALLATION OF ANY MATERIALS.
- CONTRACTOR SHALL SUBMIT CUT SHEETS, PRODUCT DATA, AND MANUFACTURER'S INFORMATION FOR ALL FASTENERS, ANCHORS, MIXES, AND MATERIALS IDENTIFIED ON THE DRAWINGS.
- CONTRACTOR SHALL REVIEW ALL SUBMITTALS, WHETHER COMPILED BY THE CONTRACTOR OR SUBCONTRACTORS, FOR COMPLETION AND ACCURACY PRIOR TO SENDING THEM TO THE ENGINEER FOR REVIEW AND APPROVAL.
- ALL SUBMITTALS SHALL BE IN ELECTRONIC PDF FORMAT WITH THE ABILITY FOR THE ENGINEER TO COMMENT AND RE-SAVE THE FILE. REPRODUCTION OF THE ENGINEER'S CONTRACT DOCUMENTS IS NOT ACCEPTABLE FOR USE AS SHOP DRAWINGS.
- REINFORCED CONCRETE SHOP DRAWINGS: INDICATE SIZE, SHAPE, AND LOCATION OF ALL NEW CONCRETE. SUBMIT PLANS, ELEVATIONS, AND DETAILS FOR ENGINEER'S REVIEW AND APPROVAL.
- STRUCTURAL STEEL SHOP DRAWINGS: INDICATE SIZE, SHAPE, AND LOCATION OF ALL STEEL AND CONNECTIONS. SUBMIT PLANS, DETAILS, AND PIECE DRAGS FOR THE ENGINEER'S REVIEW AND APPROVAL.



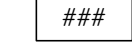

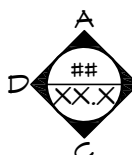




drawing title General Notes		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		date 11/19/2019
	mark	date	description
drawing prepared by GNCB CONSULTING ENGINEERS, P.C. 1358 BOSTON BOST ROAD, 2ND FLOOR, PO BOX 802 OLD SAYBROOK, CT 06475		scale As indicated	drawn by JUS
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		approved by AJJ	drawing no.
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		GAD no. S-300 General Notes	project no. BI-RR-28
		S-300	

	BATT INSULATION
	GYPSUM BOARD
	CONCRETE
	PLYWOOD
	NEW CONSTRUCTION
	SOLID WOOD BLOCKING
	NEW CONSTRUCTION
	DISCONT. WD BLOCKING
	EXISTING CONSTRUCTION
	FINISH WOOD

4 MATERIALS LEGEND

NO SCALE

(UNLESS NOTED OTHERWISE)

	ROOM NAME		DOOR NUMBER
	ROOM NUMBER		REFERENCE POINT
	INTERIOR ELEVATIONS		WALL TYPE
	DETAIL NUMBER		REVISION MARK
			ACCESSORY TAG


3 SYMBOLS LEGEND

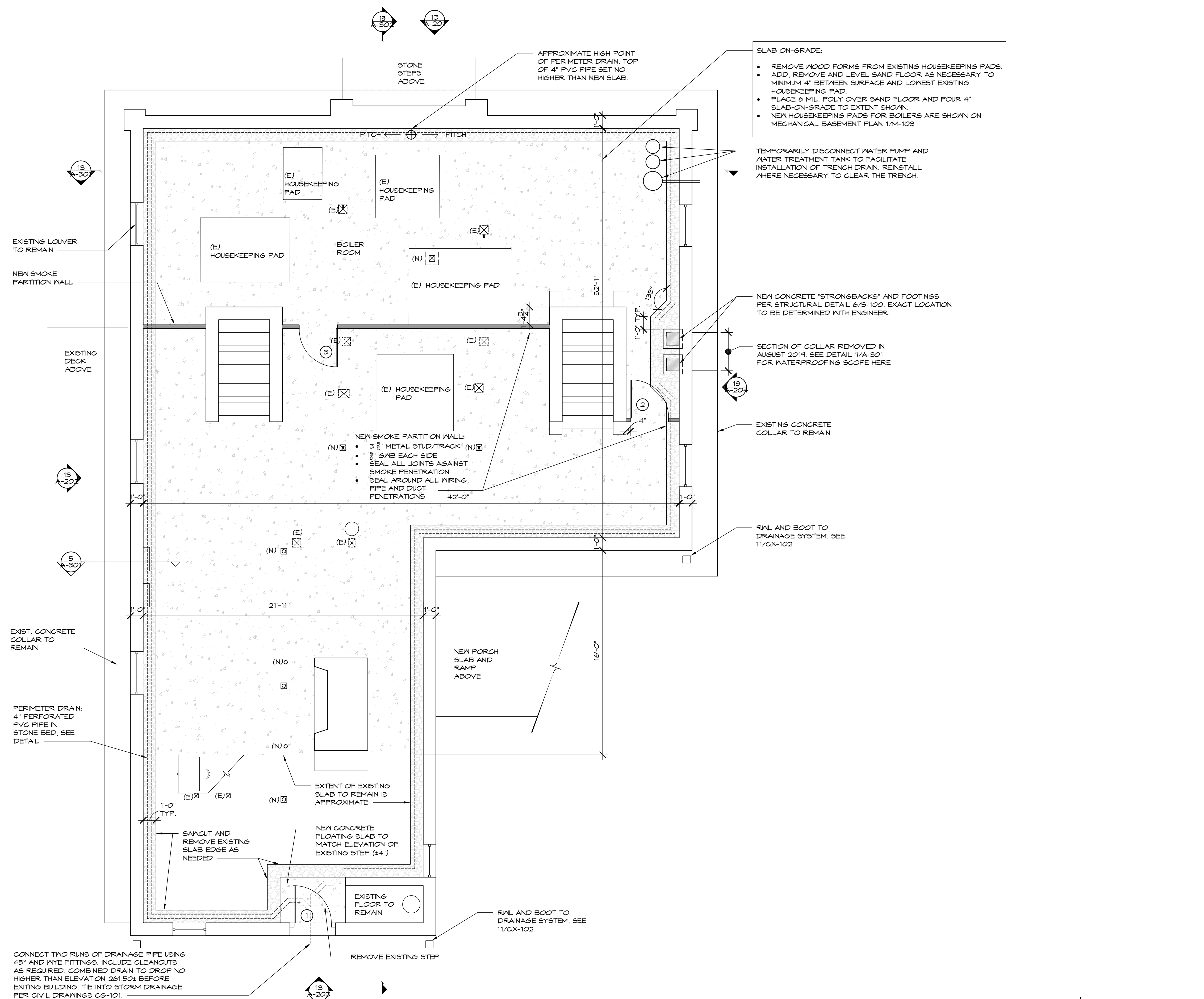
NO SCALE

AFF	ABOVE FINISH FLOOR	HCA	HANDICAPPED-ACCESSIBLE
ALUM	ALUMINUM	HC	HANDICAPPED
APPROX	APPROXIMATE	HDWR	HARDWARE
ASSOC	ASSOCIATED	HM	HOLLOW METAL
BD	BOARD	HT	HEIGHT
BLDG	BUILDING	INSUL	INSULATION
BM	BEAM	INT	INTERIOR
B.O.	BY OWNER (or)	LT	LIGHT
	BOTTOM OF	MAX	MAXIMUM
B.S.	BOTH SIDES	MFR	MANUFACTURER
CL	CENTERLINE	MIN	MINIMUM
CLG	CEILING	M.R.	MOISTURE RESISTANT
CLO	CLOSET	MTD	MOUNTED
CLR	CLEAR	MTG	MOUNTING
COL	COLUMN	MTL	METAL
CONC	CONCRETE	N	NEW WORK
CONT	CONTINUOUS	NIC	NOT IN CONTRACT
COORD	COORDINATE	O.C.	ON CENTER
CORR.	CORRIDOR	PLYND	PLYWOOD
DN	DIMENSION	PREP	PREPARE/PREPARATION
DN	DOWN	PROV	PROVIDE
DR	DOOR	PRIM	PRIMARY
DTL	DETAIL	PTD	PAINTED
DWG	DRAWING	RE	REFER TO
EA	EACH	REINF	REINFORCEMENT
ELEC	ELECTRICAL	RELOC	RELOCATED
ELEV	ELEVATION	RM	ROOM
EQ	EQUAL	REQD	REQUIRED
ETR	EXISTING TO REMAIN	REQT	REQUIREMENT
E	EXISTING	RWL	RAIN WATER LEADER
EXT	EXTERIOR	SAC	SUSPENDED
FE	FIRE EXTINGUISHER	SCHED	ACOUSTICAL CEILING
FFEL	FINISHED FLOOR ELEVATION	SM	SCHEDULE
FIN	FINISHED	SMIL	SIMILAR
FL/FLR	FLOOR	SPEC	SPECIFICATIONS
FNDTN	FOUNDATION	SSTL	STAINLESS STEEL
F.O.	FACE OF	STD	STANDARD
FF	FIREPLACE	STL	STEEL
FTG	FOOTING	STRUCT	STRUCTURE
GA	GAUGE	SUSP	SUSPENDED
GALV	GALVANIZED	TLT	TOILET
GL	GLASS	TYP	TYPICAL
GWB	GYPSUM WALL BOARD	UN	UNLESS OTHERWISE NOTED
GYP	GYPSUM	U/S	UNDERSIDE
		V.I.F.	VERIFY IN FIELD
		W	WITH
		WD	WOOD
		WINDW	WINDOW

1 ABBREVIATIONS

NO SCALE

drawing title GENERAL INFORMATION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	scale AS NOTED
	date		drawn by XXX
	description	approved by XXX	drawing no. A-001
		CAD no. A-001_GEN INFO.dwg	project no. BI-RR-28



CONNECT TWO RUNS OF DRAINAGE PIPE USING 45° AND WYE FITTINGS. INCLUDE CLEANOUTS AS REQUIRED. COMBINED DRAIN TO DROP NO HIGHER THAN ELEVATION 261.50± BEFORE EXITING BUILDING. TIE INTO STORM DRAINAGE PER CIVIL DRAWINGS 65-101.

SLAB ON-GRADE:

- REMOVE WOOD FORMS FROM EXISTING HOUSEKEEPING PADS.
- ADD, REMOVE AND LEVEL SAND FLOOR AS NECESSARY TO MINIMUM 4" BETWEEN SURFACE AND LOWEST EXISTING HOUSEKEEPING PAD.
- PLACE 6 MIL. POLY OVER SAND FLOOR AND FOUR 4" SLAB-ON-GRADE TO EXTENT SHOWN.
- NEW HOUSEKEEPING PADS FOR BOILERS ARE SHOWN ON MECHANICAL BASEMENT PLAN 1/M-103.

TEMPORARILY DISCONNECT WATER PUMP AND WATER TREATMENT TANK TO FACILITATE INSTALLATION OF TRENCH DRAIN. REINSTALL WHERE NECESSARY TO CLEAR THE TRENCH.

NEW CONCRETE "STRONGBACKS" AND FOOTINGS PER STRUCTURAL DETAIL 6/S-100. EXACT LOCATION TO BE DETERMINED WITH ENGINEER.

SECTION OF COLLAR REMOVED IN AUGUST 2019. SEE DETAIL 1/A-301 FOR WATERPROOFING SCOPE HERE

EXISTING CONCRETE COLLAR TO REMAIN

R/W AND BOOT TO DRAINAGE SYSTEM. SEE 11/CX-102

NEW SMOKE PARTITION WALL:

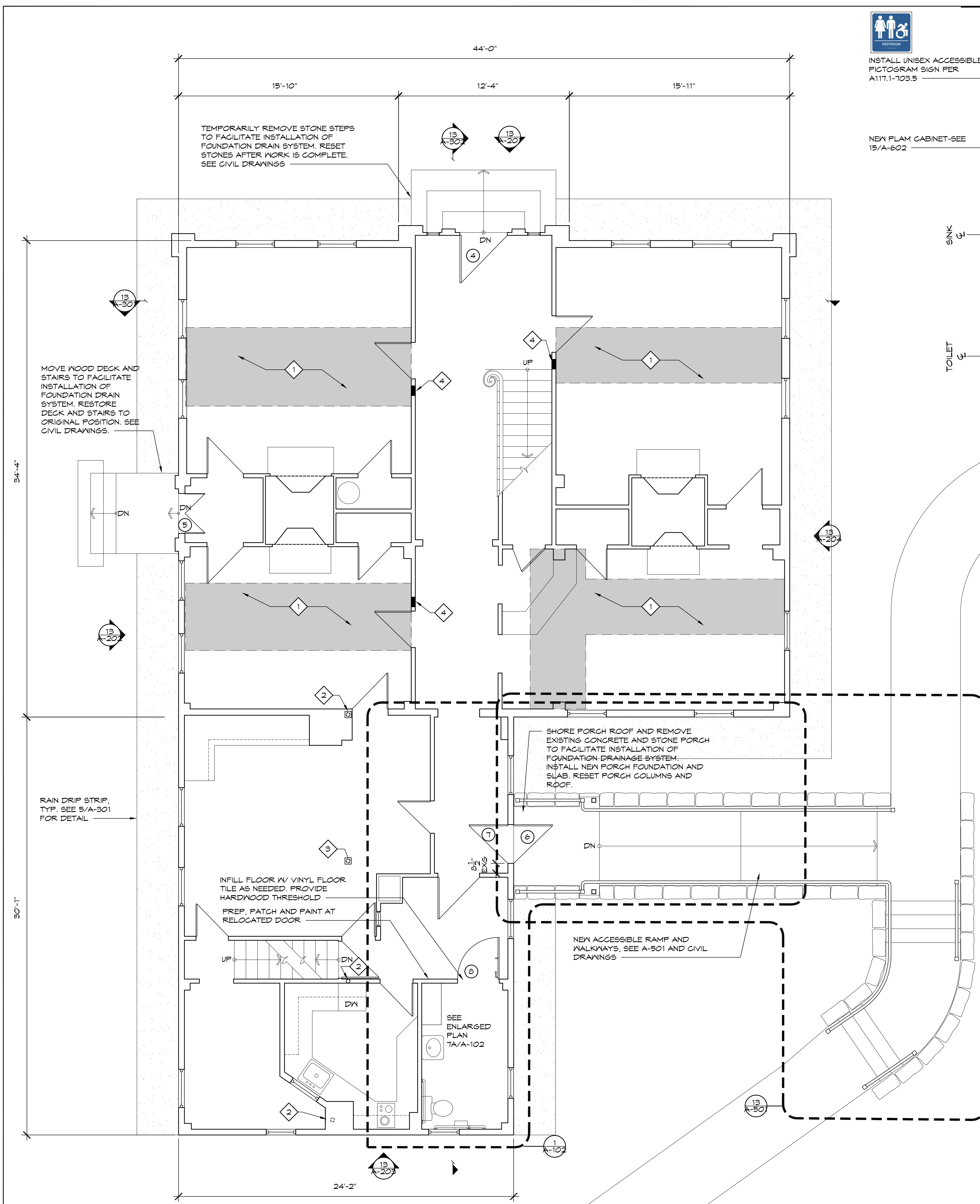
- 3/8" METAL STUD/TRACK (N) 8
- 2" GNB EACH SIDE
- SEAL ALL JOINTS AGAINST SMOKE PENETRATION
- SEAL AROUND ALL WIRING, PIPE AND DUCT PENETRATIONS

- GENERAL SCOPE NOTES**
- CLEAN AND REPOINT MASONRY FOUNDATION WALL PER SPECIFICATION SECTION 04 03 43
 - REMOVE SAND FLOOR BED AND PLASTIC AS NEEDED TO PROVIDE MIN. 4" ELEVATION TO TOP OF LOWEST HOUSEKEEPING SLAB.
 - INSTALL TRENCH DRAIN AT INTERIOR PERIMETER OF FOUNDATION WALL: SAWCUT 12" FROM PERIMETER OF EXISTING FLOOR SLAB IN ELL AND REMOVE. EXCAVATE TRENCH 12" WIDE AND NO DEEPER THAN EXISTING FOUNDATION WALL AROUND ENTIRE PERIMETER. INSTALL 4" PERFORATED SCHED. 40 PVC PIPE IN BED OF CLEAN CRUSHED DRAINAGE STONE WITH GEOTEXTILE FILTER WRAP SELECTED FROM CTDOT QUALIFIED PRODUCT LIST. PITCH IS LIMITED BY DEPTH OF FOUNDATION WALL. SET PIPE SO TOP IS NO HIGHER THAN ADJACENT NEW FLOOR SLAB. HIGH POINT IS AT CENTER OF EAST WALL ±. RUN PIPE ALONG NORTH AND SOUTH WALLS TO JOIN AT BASEMENT ENTRY ON WEST WALL OF ELL. DROP DOWN 124" BEFORE EXITING BUILDING AND CONNECTING TO STORM WATER DRAIN PIPE WITH INVERT AT 254.3.
 - INSTALL SMOKE BARRIER AT CEILING IN MECHANICAL EQUIPMENT AREA. SEE 12/A-302.

13 CELLAR PLAN

1/4" = 1'-0"

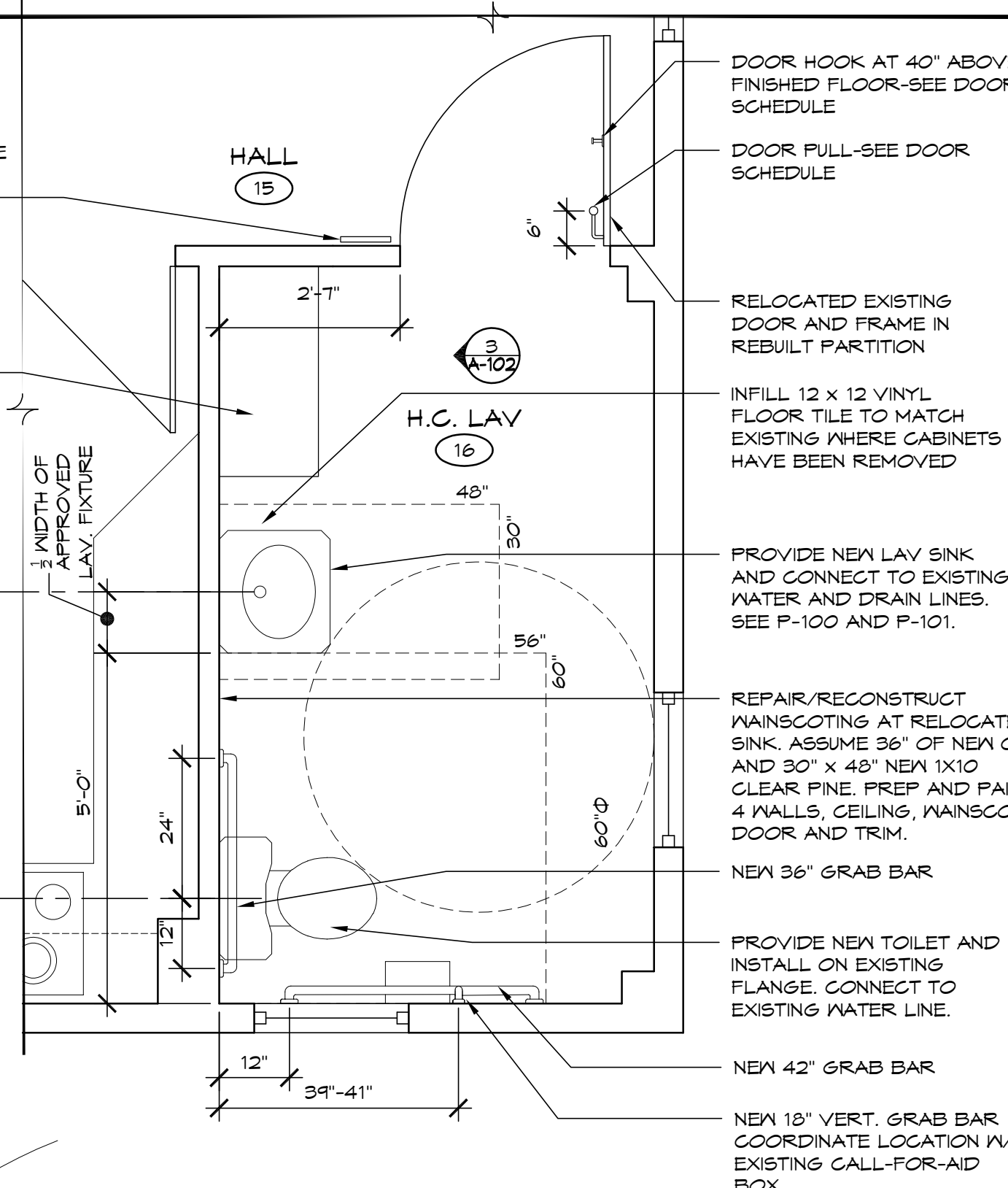
drawing title CELLAR PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by XXX	scale 1/4" = 1'-0"
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by XXX	drawing no. A-101
CAD no. A-101_CELLAR.dwg	project no. BI-RR-28		



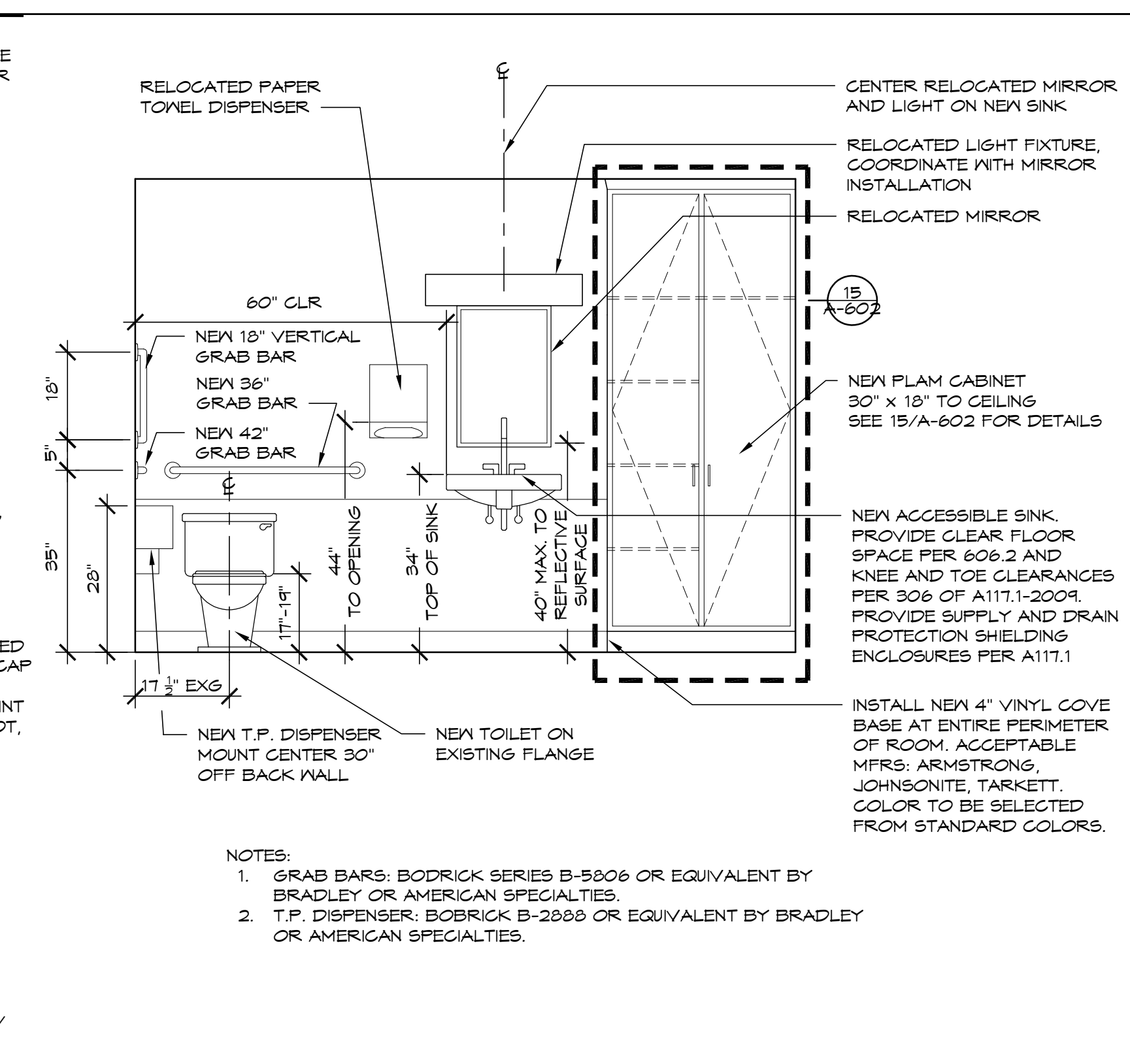
13 FIRST FLOOR PLAN
1/4" = 1'-0"



INSTALL UNISEX ACCESSIBLE PICTOGRAM SIGN PER A117.1-103.5



7 H.C. LAV - ENLARGED PLAN
1/2" = 1'-0"



3 H.C. LAV - NORTH ELEVATION
1/2" = 1'-0"

GENERAL NOTES

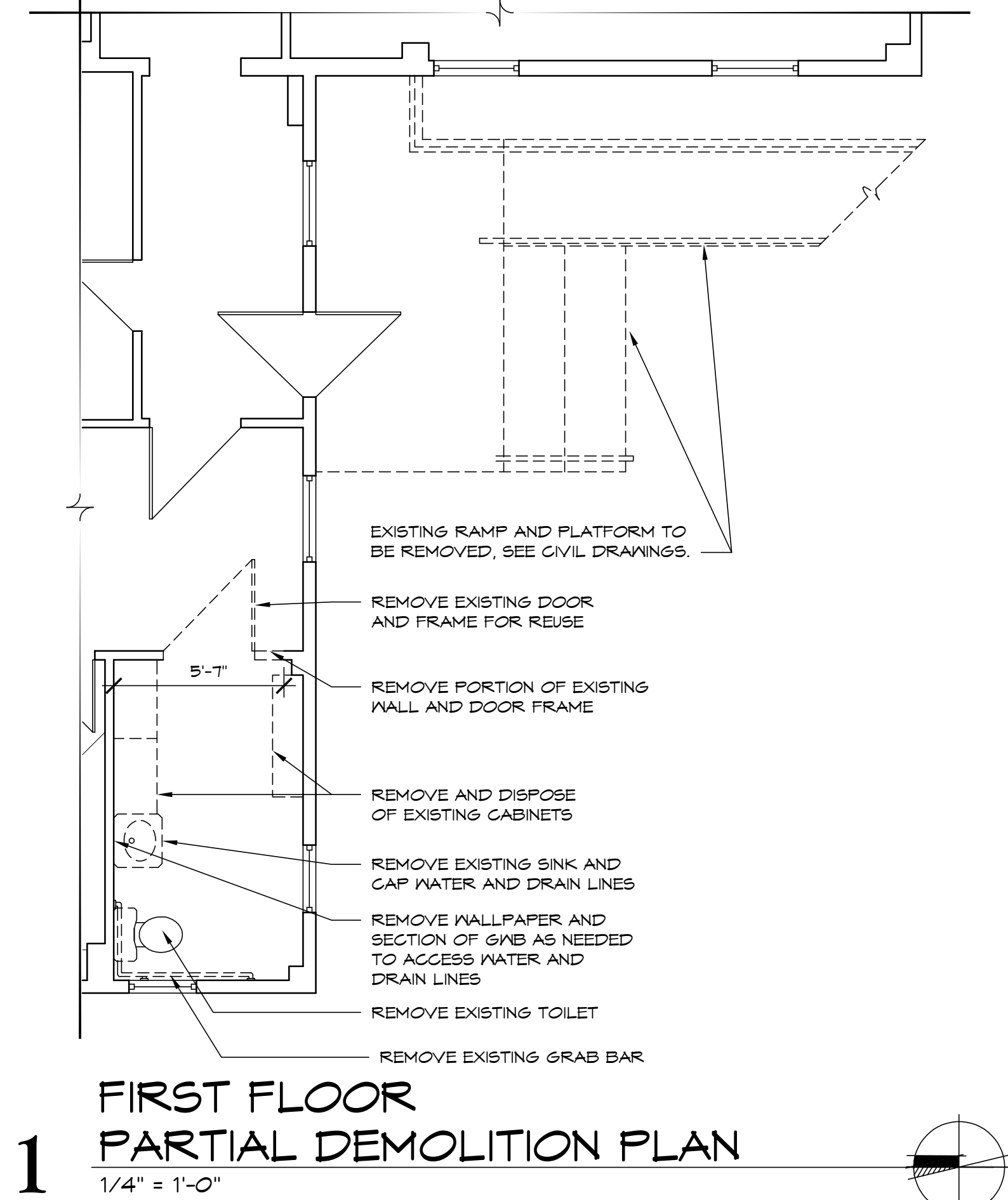
- FOR ALL INSTALLATIONS OF STRUCTURAL COMPONENTS, CONTRACTOR TO CONFIRM W/ ARCHITECT ON WHICH SIDE OF WALL TO INSTALL COLUMNS/CHANNELS. REVIEW AND CONFIRM EXTENT OF WALL, WOOD TRIM AND CEILING REQUIRED TO ACCESS AND INSTALL STEEL. SALVAGE AND SAVE FOR REINSTALLATION AS MUCH OF ORIGINAL TRIM AS POSSIBLE PER SPECIFICATIONS. ALL TRIM THAT CANNOT BE REINSTALLED MUST BE REPLICATED WITH LIKE MATERIAL, PER THE SPECIFICATIONS.
- PREP, PRIME, AND PAINT ALL NEW, RESTORED OR DISTURBED FINISHES.

LEGEND

1 [Symbol]

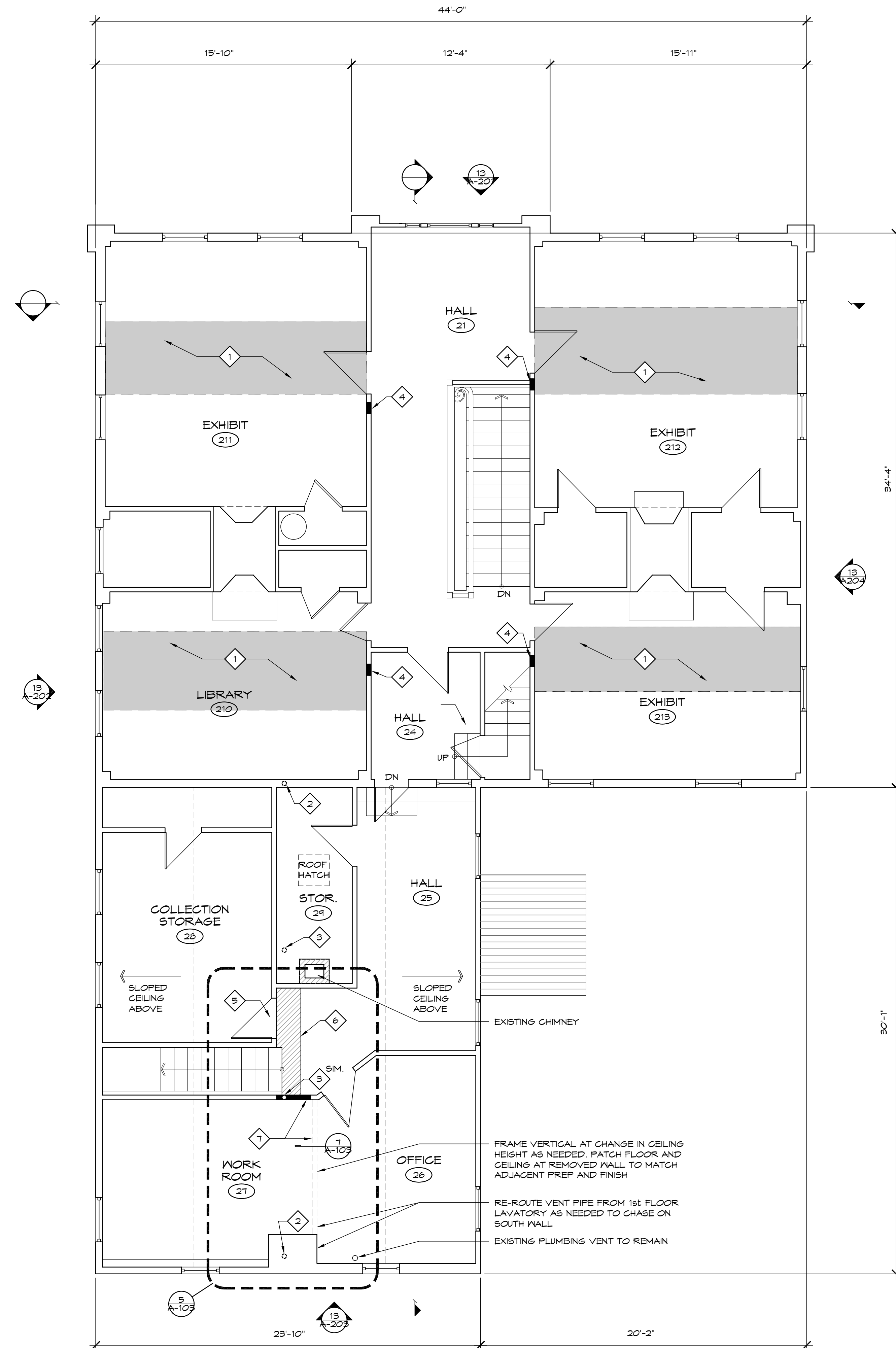
NOTES ON THIS SHEET

- REVIEW AND CONFIRM EXTENT OF WALL AND CEILING FINISH, BASE AND COVE TRIM REQUIRED TO ACCESS AREAS TO BE REINFORCED WITH STRUCTURAL STEEL. MAINTAIN MINIMUM OF 24" CLEAR ACCESS TO EITHER SIDE OF BEAM FOR INSTALLATION OF STEEL. REMOVE EXISTING TRIM IN MANNER TO PRESERVE FOR REUSE, WHERE POSSIBLE. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO EXISTING CONDITIONS WITH ORIGINAL OR LIKE MATERIALS. WALLPAPER WILL NOT BE REPLACED. SEE SHEETS A-402 AND A-403 FOR ANNOTATED PHOTOGRAPHS.
- REVIEW AND CONFIRM EXTENT OF FLOOR, WALL AND CEILING REQUIRED TO ACCESS AREAS FOR 3" STEEL PIPE COLUMNS. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO EXISTING CONDITIONS WITH LIKE MATERIALS. DISMANTLE DUCTWORK AS NEEDED TO INSTALL COLUMN, REINSTALL DUCTWORK WHEN WORK IS COMPLETE.
- REVIEW AND CONFIRM EXTENT OF FLOOR AND CEILING REQUIRED TO ACCESS AREAS FOR 3" STEEL PIPE COLUMNS. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO ORIGINAL CONDITIONS. INSTALL GMB ENCLOSURE AT 1ST FLOOR PIPE COLUMN ONLY.
- REVIEW AND CONFIRM EXTENT OF FLOOR, WALL AND CEILING REQUIRED TO ACCESS AREAS TO INSTALL TUBE STEEL COLUMNS. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO ORIGINAL CONDITIONS.

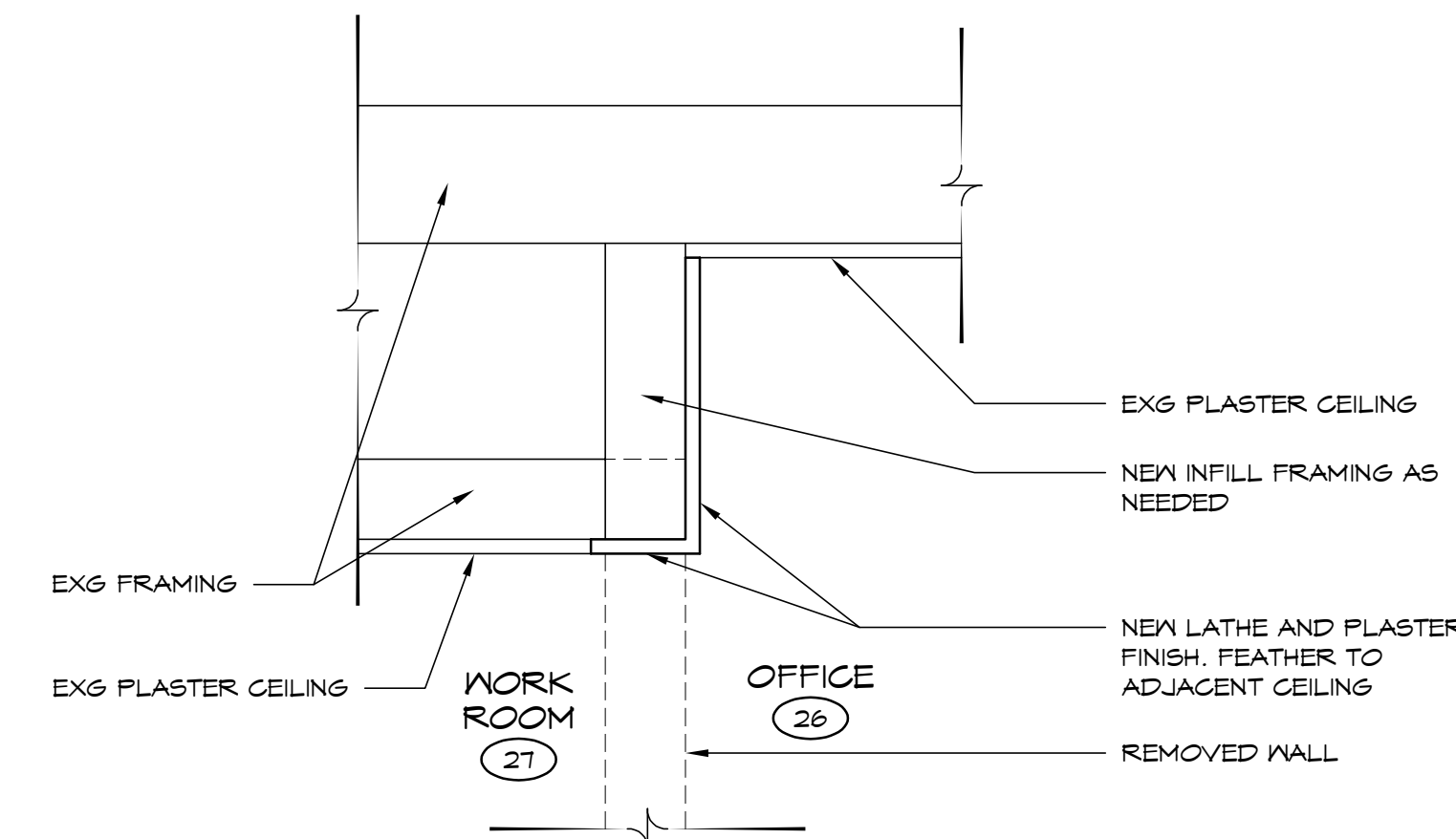


1 FIRST FLOOR PARTIAL DEMOLITION PLAN
1/4" = 1'-0"

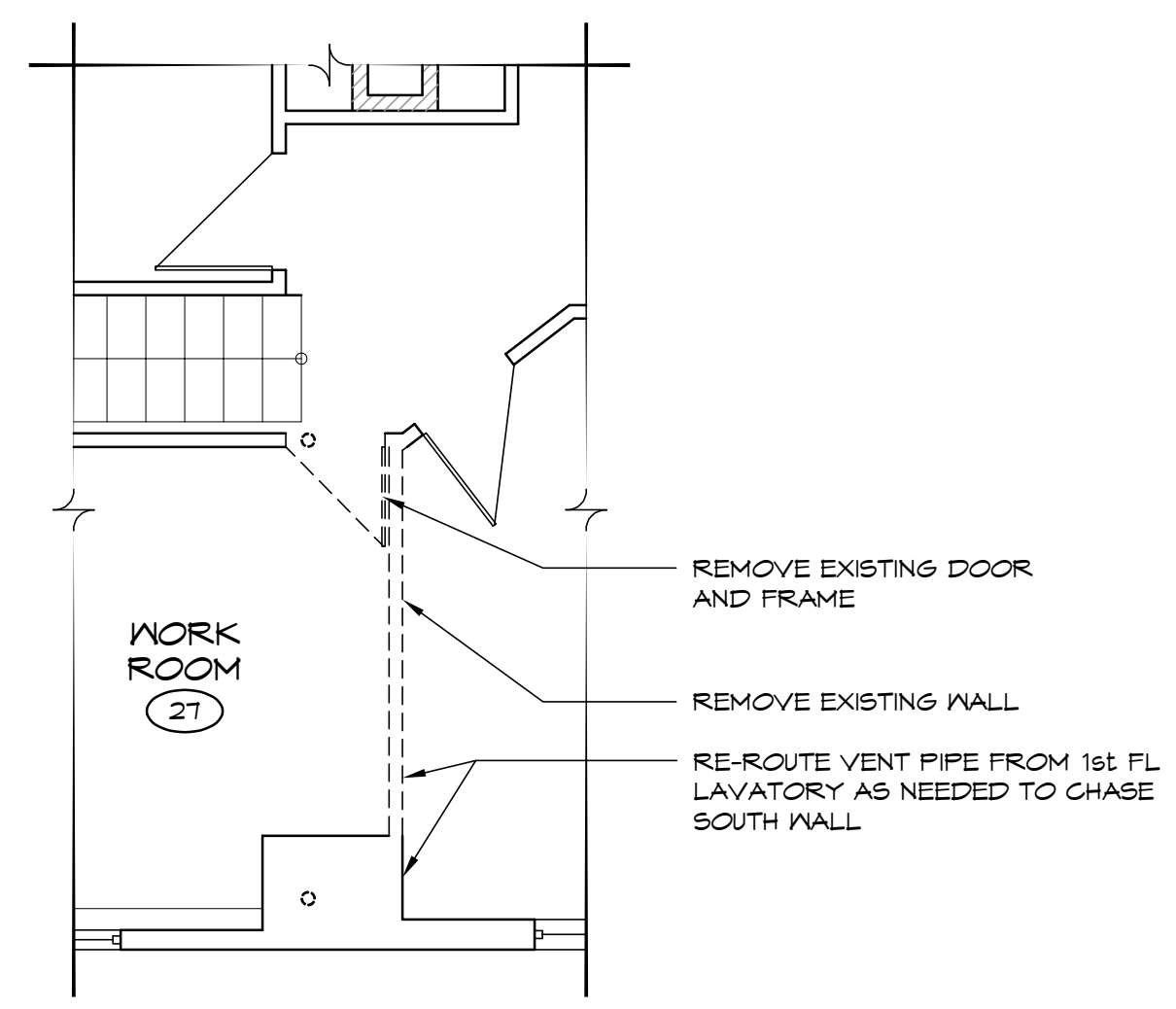
drawing title FIRST FLOOR PLANS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS	drawn by XXX	scale 1/4" = 1'-0"
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331 CAD no. A-102_FIRST FLOOR.dwg		project no. BI-RR-28	approved by XXX drawing no. A-102



13 SECOND FLOOR PLAN
1/4" = 1'-0"



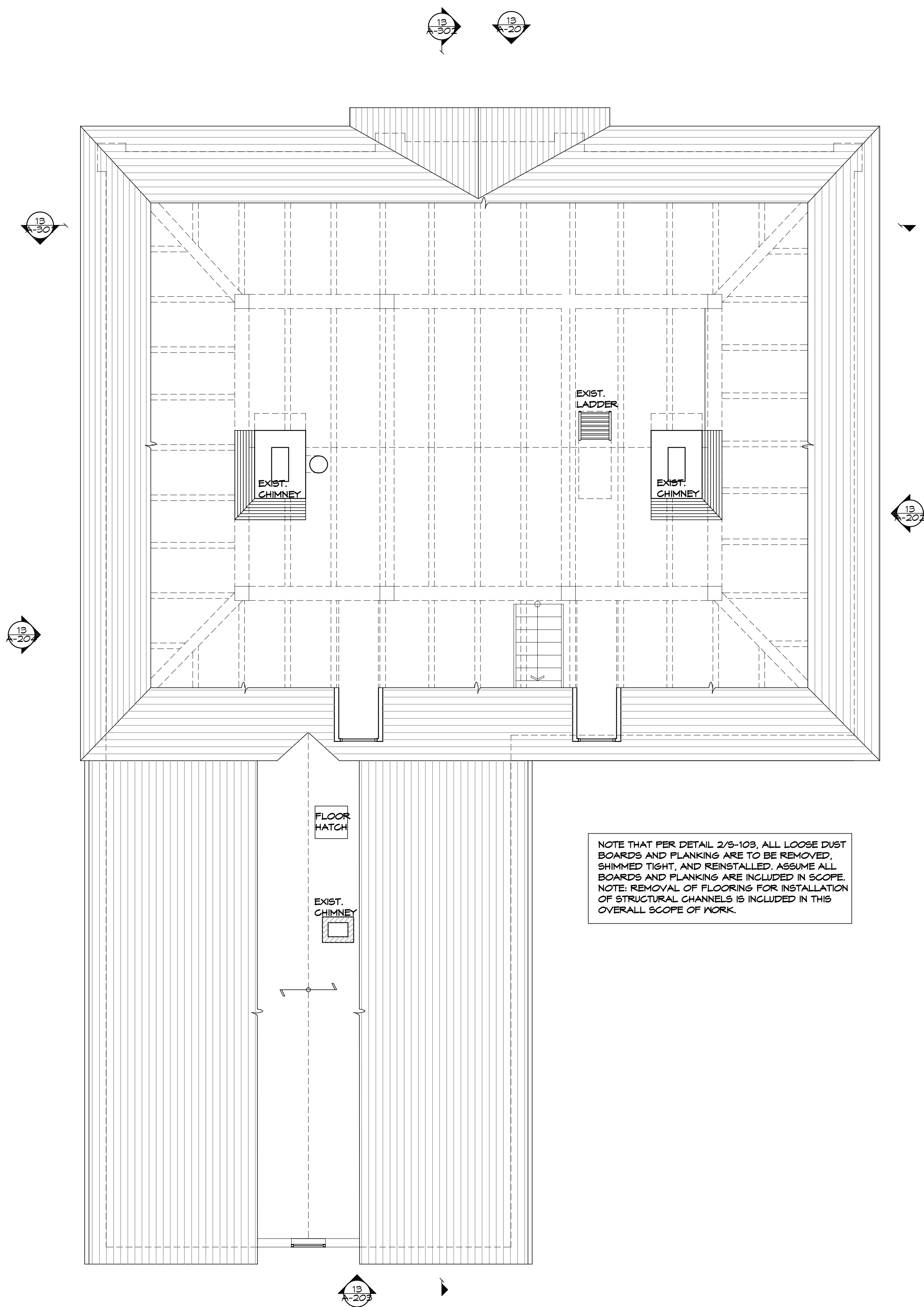
7 SECTION AT CEILING
1 1/2" = 1'-0"



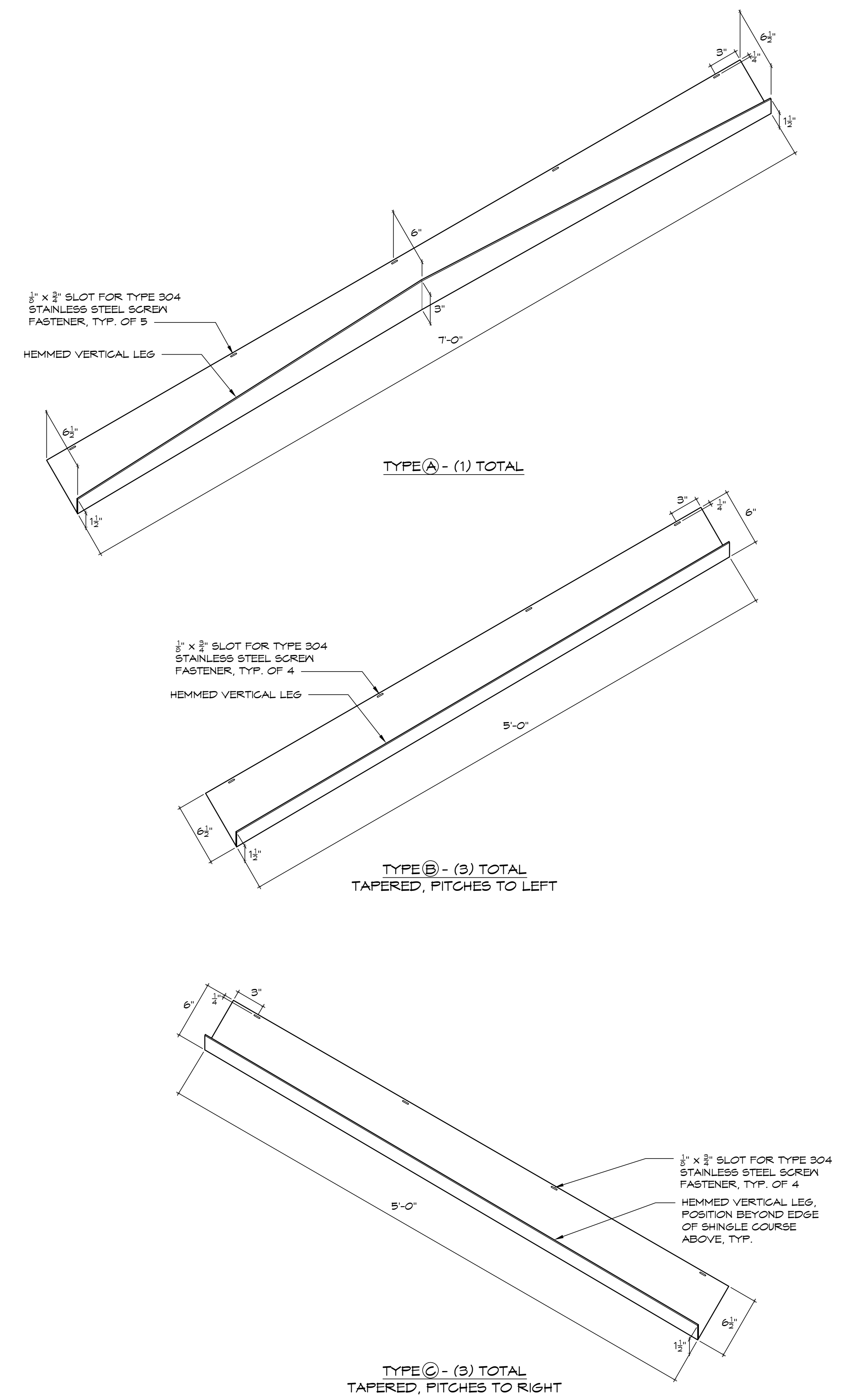
5 SECOND FLOOR PARTIAL DEMOLITION PLAN
1/4" = 1'-0"

- GENERAL NOTES**
- FOR ALL INSTALLATIONS OF STRUCTURAL COMPONENTS, CONTRACTOR TO CONFIRM W/ ARCHITECT ON WHICH SIDE OF WALL TO INSTALL COLUMNS/CHANNELS, REVIEW AND CONFIRM EXTENT OF WALL, WOOD TRIM AND CEILING REQUIRED TO ACCESS AND INSTALL STEEL. SALVAGE AND SAVE FOR REINSTALLATION AS MUCH OF ORIGINAL TRIM AS POSSIBLE PER SPECIFICATIONS. ALL TRIM THAT CANNOT BE REINSTALLED MUST BE REPLICATED WITH LIKE MATERIAL, PER THE SPECIFICATIONS.
 - REMOVE EXISTING PLASTER CEILING AND WALL FINISHES TO THE MINIMUM EXTENT REQUIRED TO PROPERLY ACCESS AND INSTALL STEEL COLUMNS.
 - PREP, PRIME, AND PAINT ALL NEW, RESTORED, OR DISTURBED FINISHES.
- NOTES ON THIS SHEET**
- REVIEW AND CONFIRM EXTENT OF WALL AND CEILING FINISH, BASE AND COVE TRIM, AND ANY PORTION OF FLOORING REQUIRED TO ACCESS AREAS TO BE REINFORCED WITH STRUCTURAL STEEL. REMOVE EXISTING TRIM IN MANNER TO PRESERVE FOR REUSE, WHERE POSSIBLE. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO EXISTING CONDITIONS WITH ORIGINAL OR LIKE MATERIALS. WALLPAPER WILL NOT BE REPLACED. SEE SHEETS A-402 AND A-403 FOR ANNOTATED PHOTOGRAPHS.
 - REVIEW AND CONFIRM EXTENT OF FLOOR, WALL AND CEILING REQUIRED TO ACCESS AREAS FOR 3" STEEL PIPE COLUMNS. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO EXISTING CONDITIONS WITH LIKE MATERIALS.
 - REVIEW AND CONFIRM EXTENT OF FLOOR AND CEILING REQUIRED TO ACCESS AREAS FOR 3" STEEL PIPE COLUMNS. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO ORIGINAL CONDITIONS.
 - REVIEW AND CONFIRM EXTENT OF FLOOR, WALL AND CEILING REQUIRED TO ACCESS FOR 3" STEEL PIPE. INSTALL STEEL PER STRUCTURAL DOCUMENTS. ENCLOSE PIPE IN NEW WALL CONSTRUCTION. FINISH WITH PLASTER FEATHERED INTO EXISTING ADJACENT WALLS.
 - REVIEW AND CONFIRM EXTENT OF FLOOR, WALL, AND CEILING REQUIRED TO ACCESS AREAS TO INSTALL TUBE STEEL COLUMNS. INSTALL STEEL PER STRUCTURAL DOCUMENTS. RESTORE FINISHES TO ORIGINAL CONDITIONS.
 - REMOVE PLASTER WALL OVER DOORWAY. PROVIDE FRAMING AND LATH AS NEEDED. PATCH AND PLASTER TO MATCH ADJACENT.
 - REMOVE PLYWOOD INFILL FLOORING AND ADJACENT SPLIT BOARD. INSTALL NEW FLOORING TO MATCH EXISTING, FINISH TO SIMILAR APPEARANCE.
 - REWIRE AND RELOCATE SWITCH FOR CEILING LIGHT FIXTURE TO DOOR INFILL ON ADJACENT WALL. SEE ELECTRICAL FLOOR PLAN.
- LEGEND**
- 1 (Solid grey fill)
 - 6 (Hatched fill)

drawing title SECOND FLOOR PLANS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	scale 1/4" = 1'-0"
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by XXX	approved by XXX
CAD no. A-103_SECOND FLOOR.dwg	project no. BI-RR-28	drawing no. A-103	



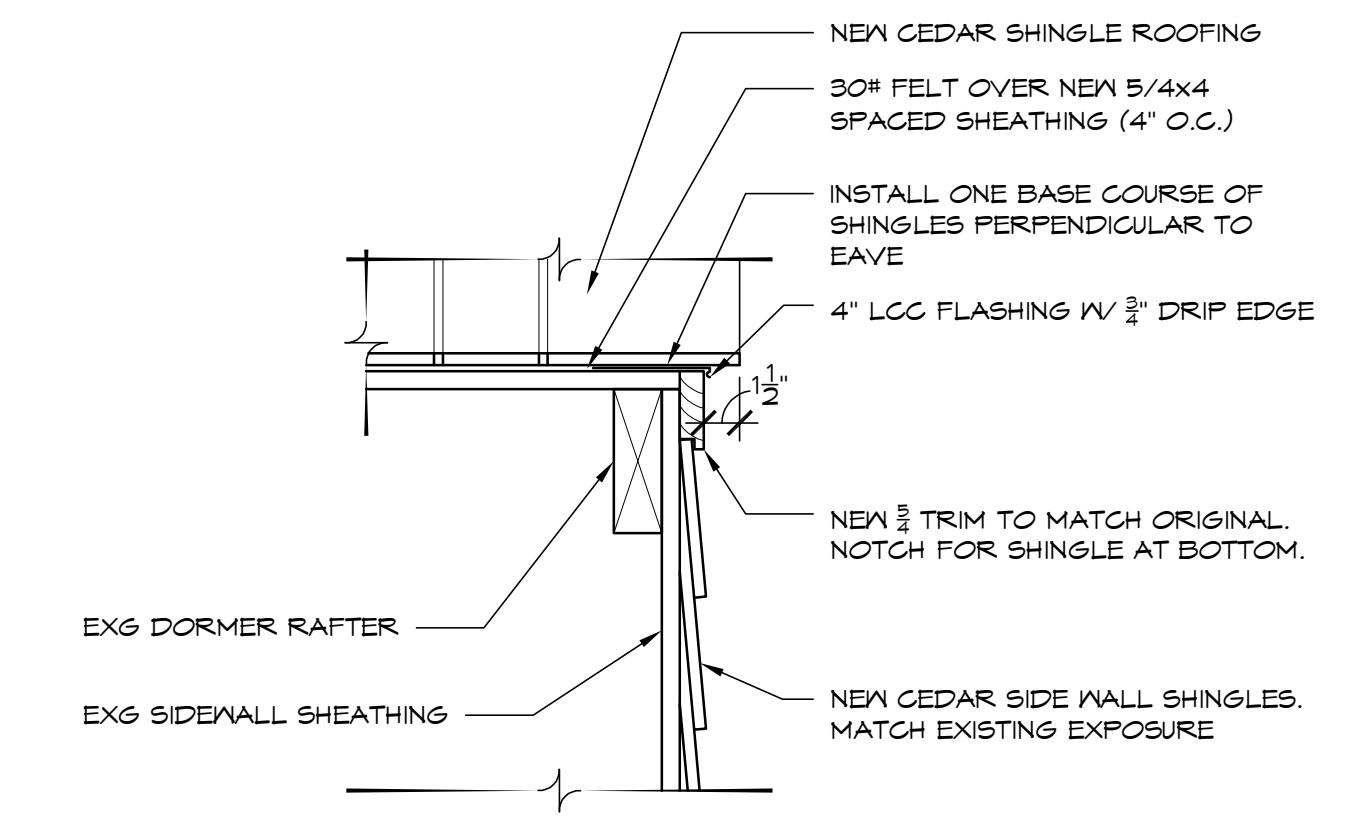
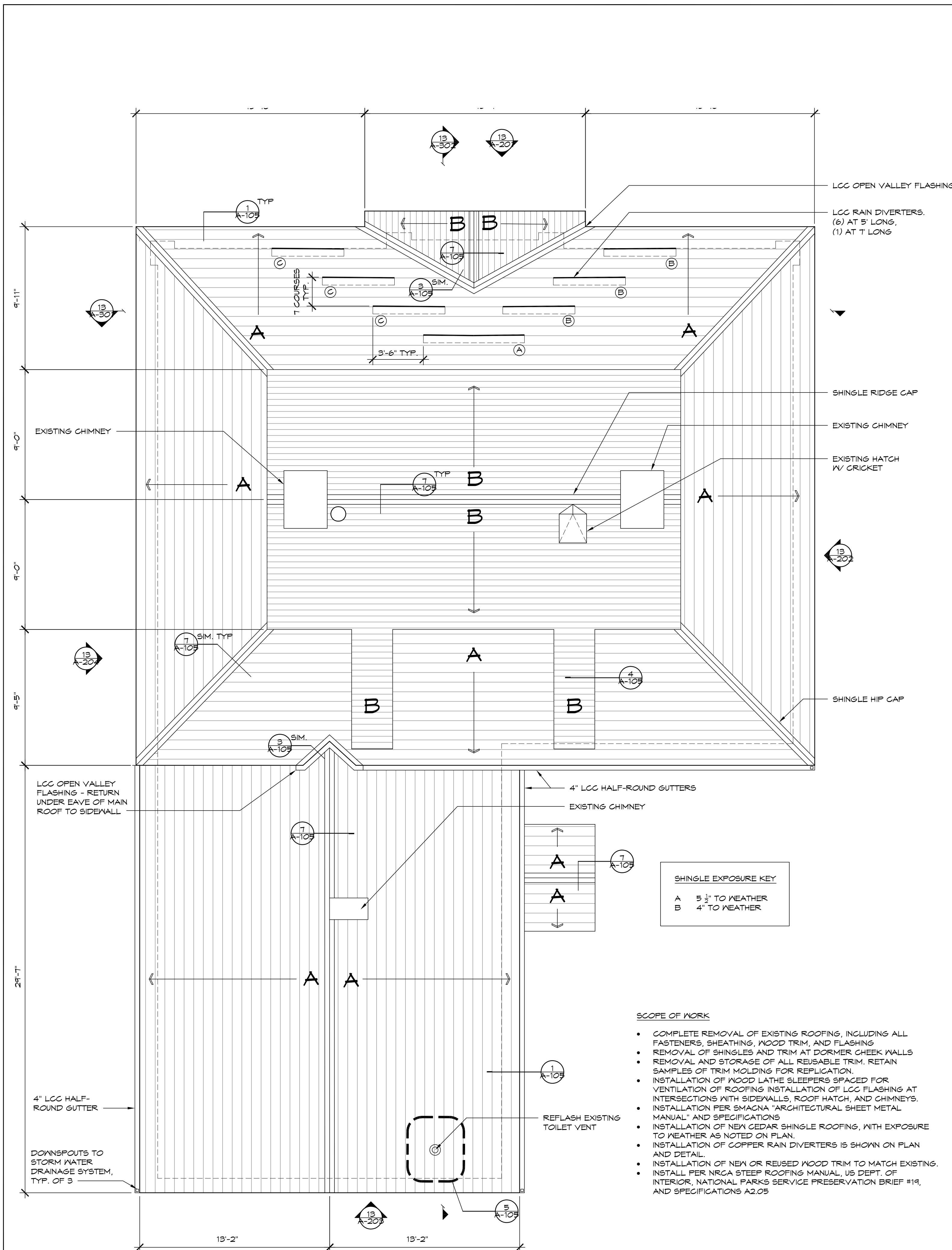
NOTE THAT PER DETAIL 2/S-103, ALL LOOSE DUST BOARDS AND PLANKING ARE TO BE REMOVED, SHIMMED TIGHT, AND REINSTALLED, ASSUME ALL BOARDS AND PLANKING ARE INCLUDED IN SCOPE. NOTE: REMOVAL OF FLOORING FOR INSTALLATION OF STRUCTURAL CHANNELS IS INCLUDED IN THIS OVERALL SCOPE OF WORK.



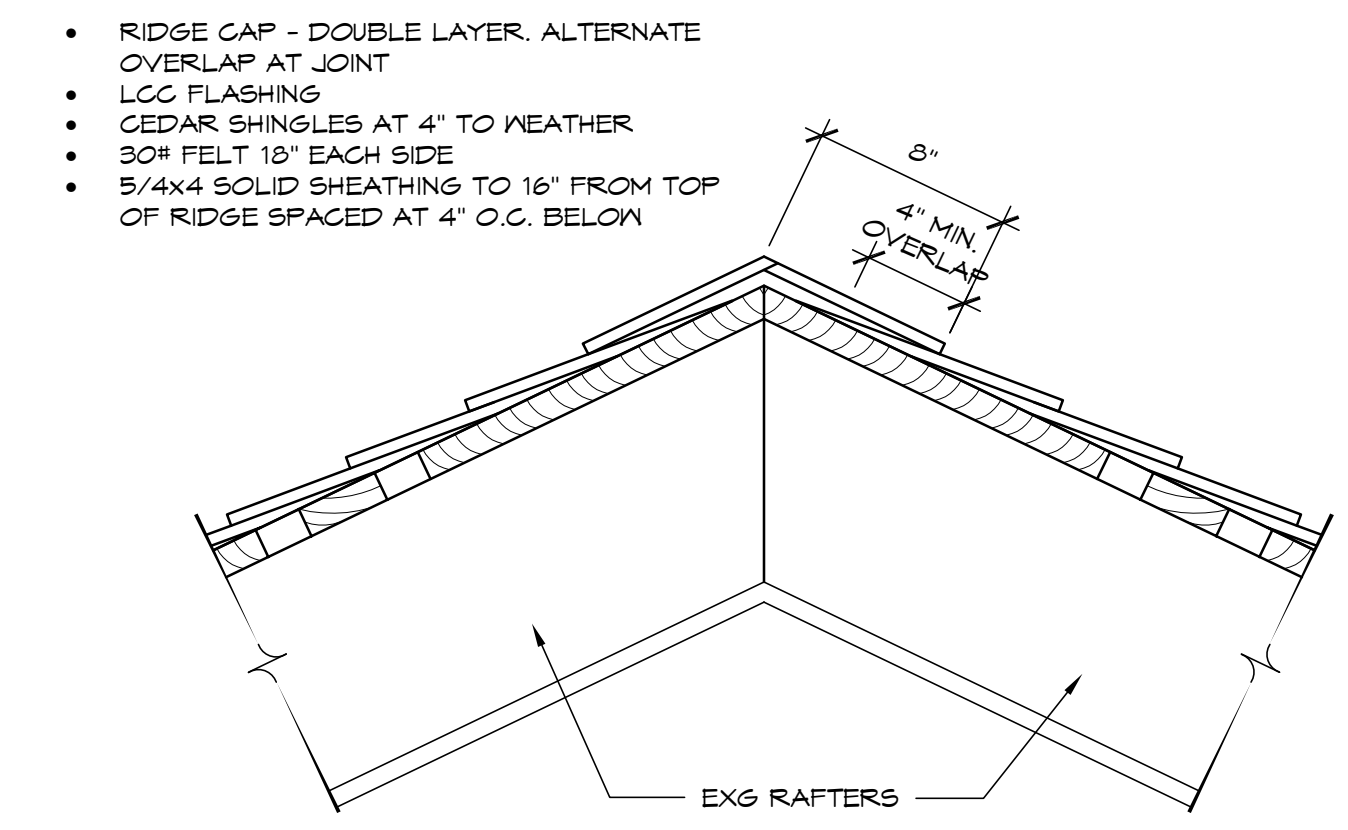
1 COPPER RAIN DIVERTERS
1 1/2" = 1'-0"

13 ATTIC PLAN
1/4" = 1'-0"

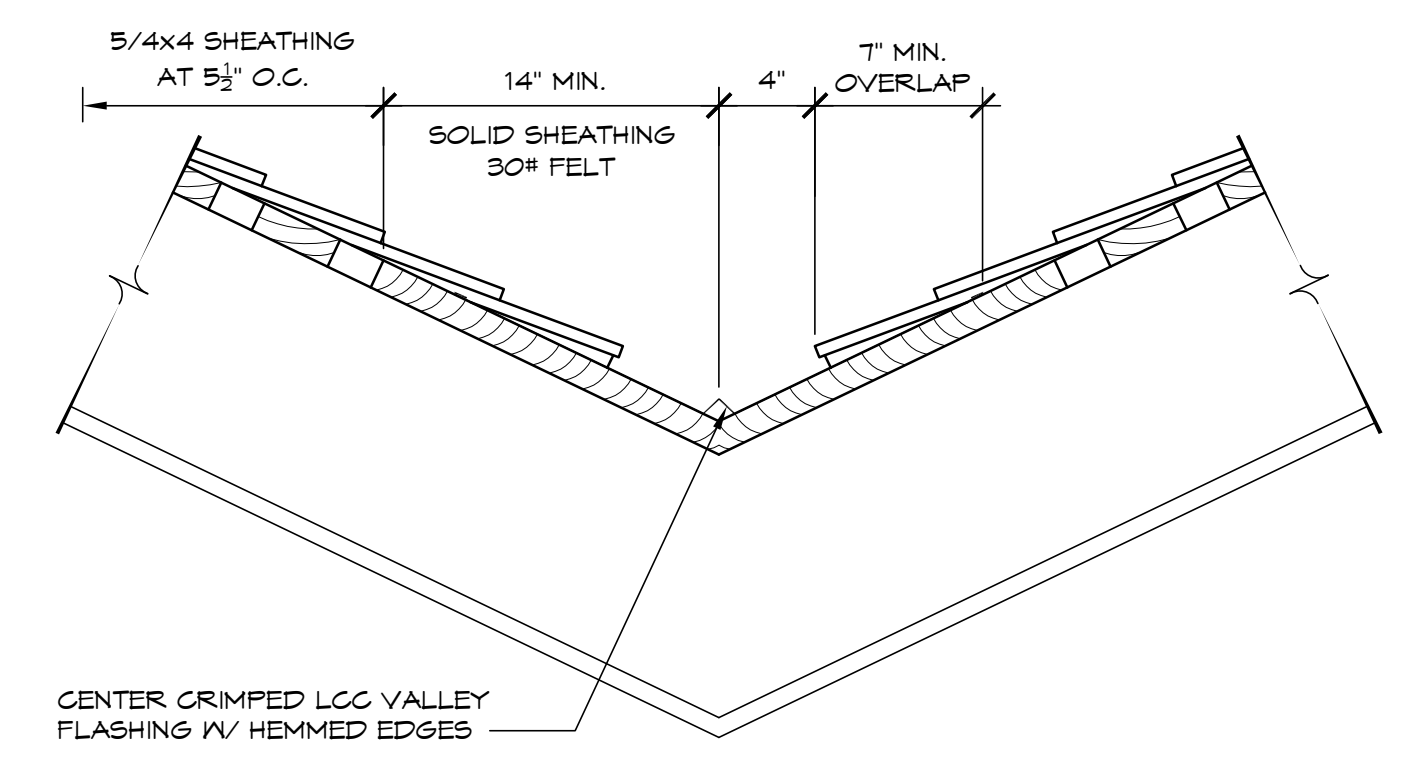
drawing title ATTIC PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS		scale 1/4" = 1'-0"
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by XXX	approved by XXX
CAD no. A-104_ATTIC.dwg	project no. BI-RR-28	drawing no. A-104	



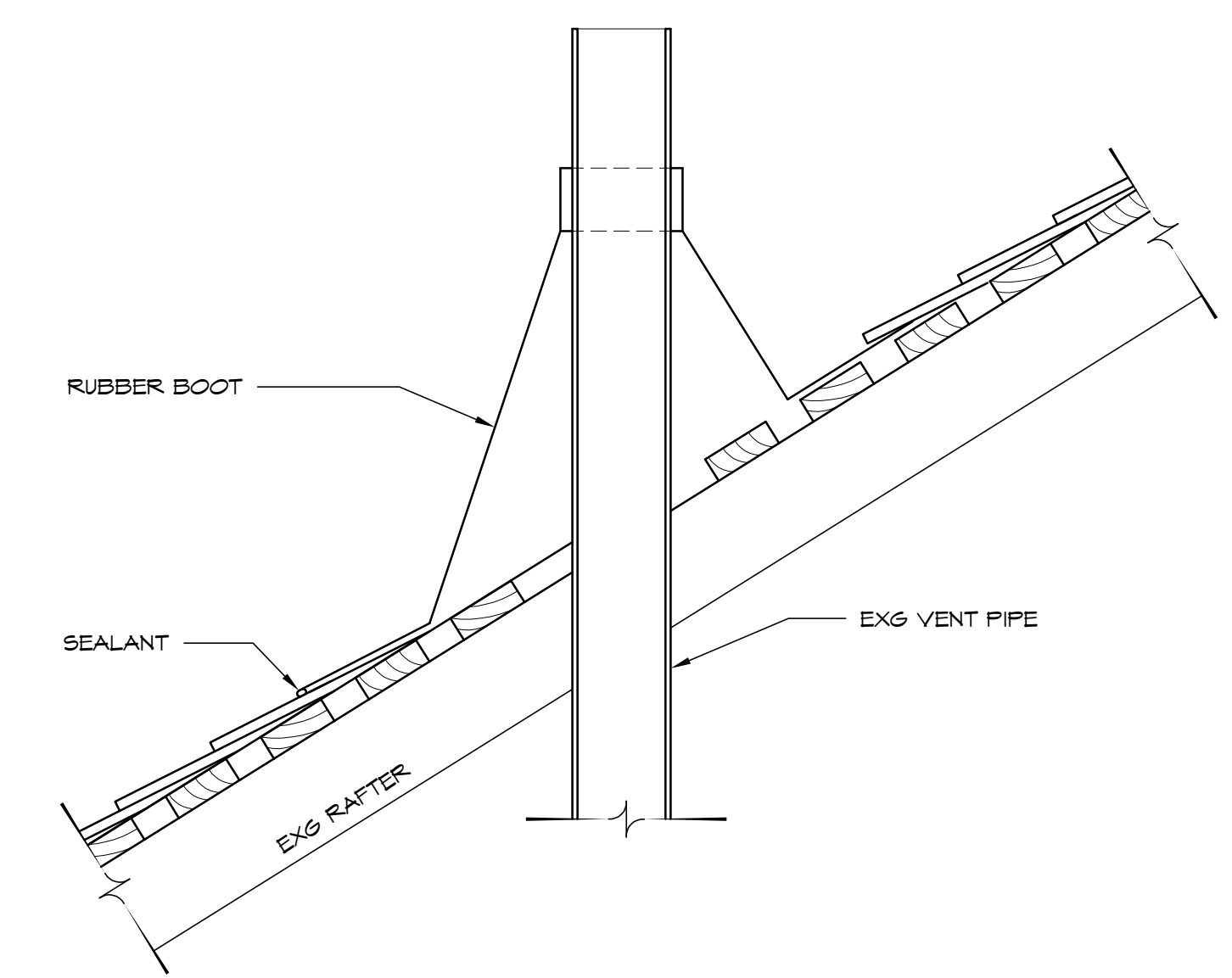
4 SECTION DETAIL AT DORMER SIDEWALL
1 1/2" = 1'-0"



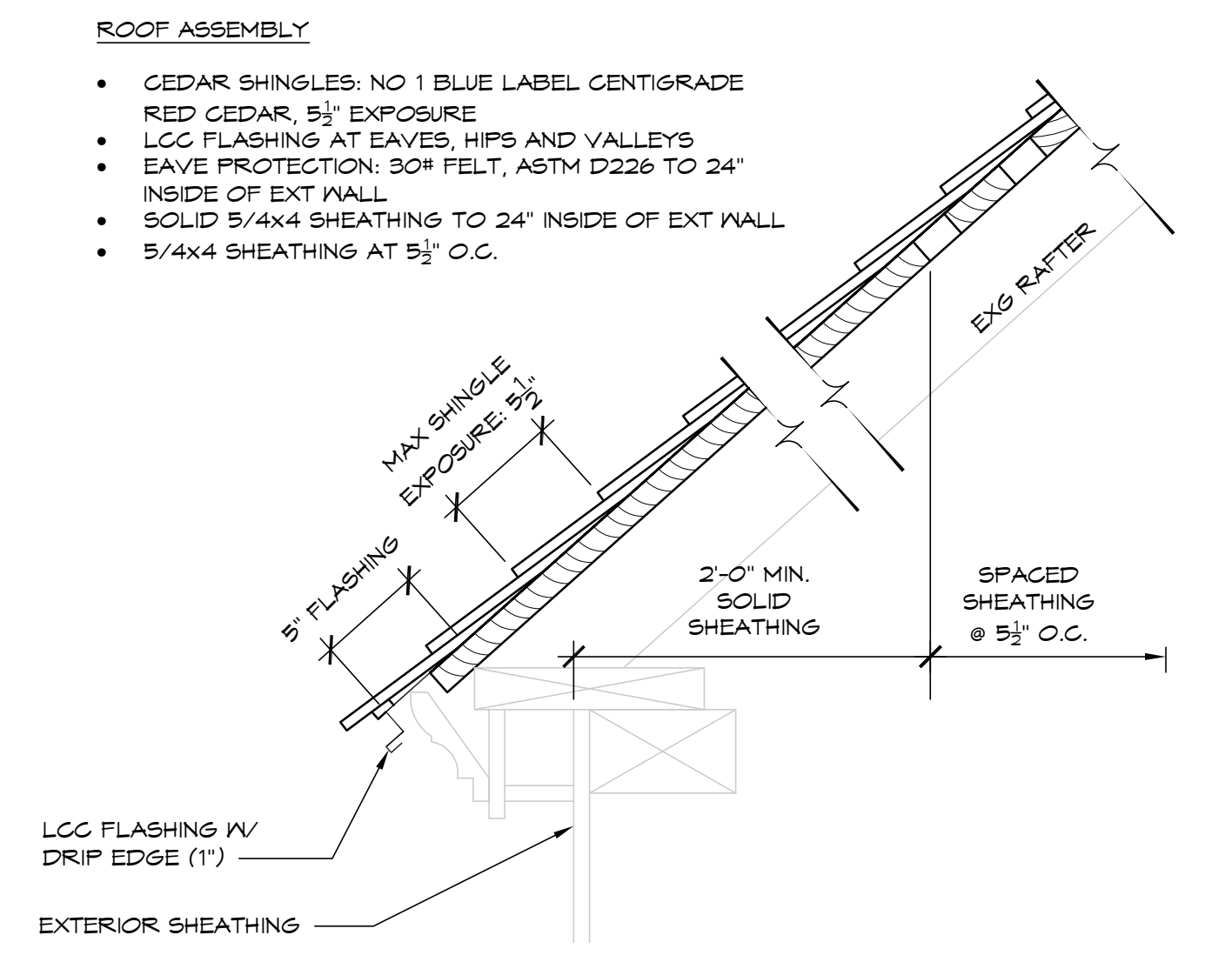
7 SECTION DETAIL AT RIDGE - HIP SIM.
1 1/2" = 1'-0"



3 SECTION DETAIL AT VALLEY, TYP.
1 1/2" = 1'-0"



5 SECTION DETAIL AT VENT PIPE PENETRATION
1 1/2" = 1'-0"



1 SECTION DETAIL AT EAVE, TYP.
1 1/2" = 1'-0"

drawing title ROOF PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		date 11/19/2019	scale AS NOTED
CAD no. A-105 ROOF.dwg		project no. BI-RR-28	drawn by XXX approved by XXX drawing no. A-105

GENERAL NOTICES

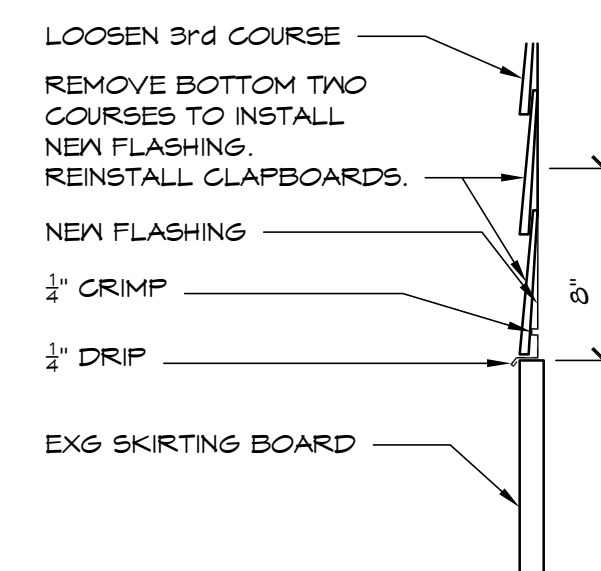
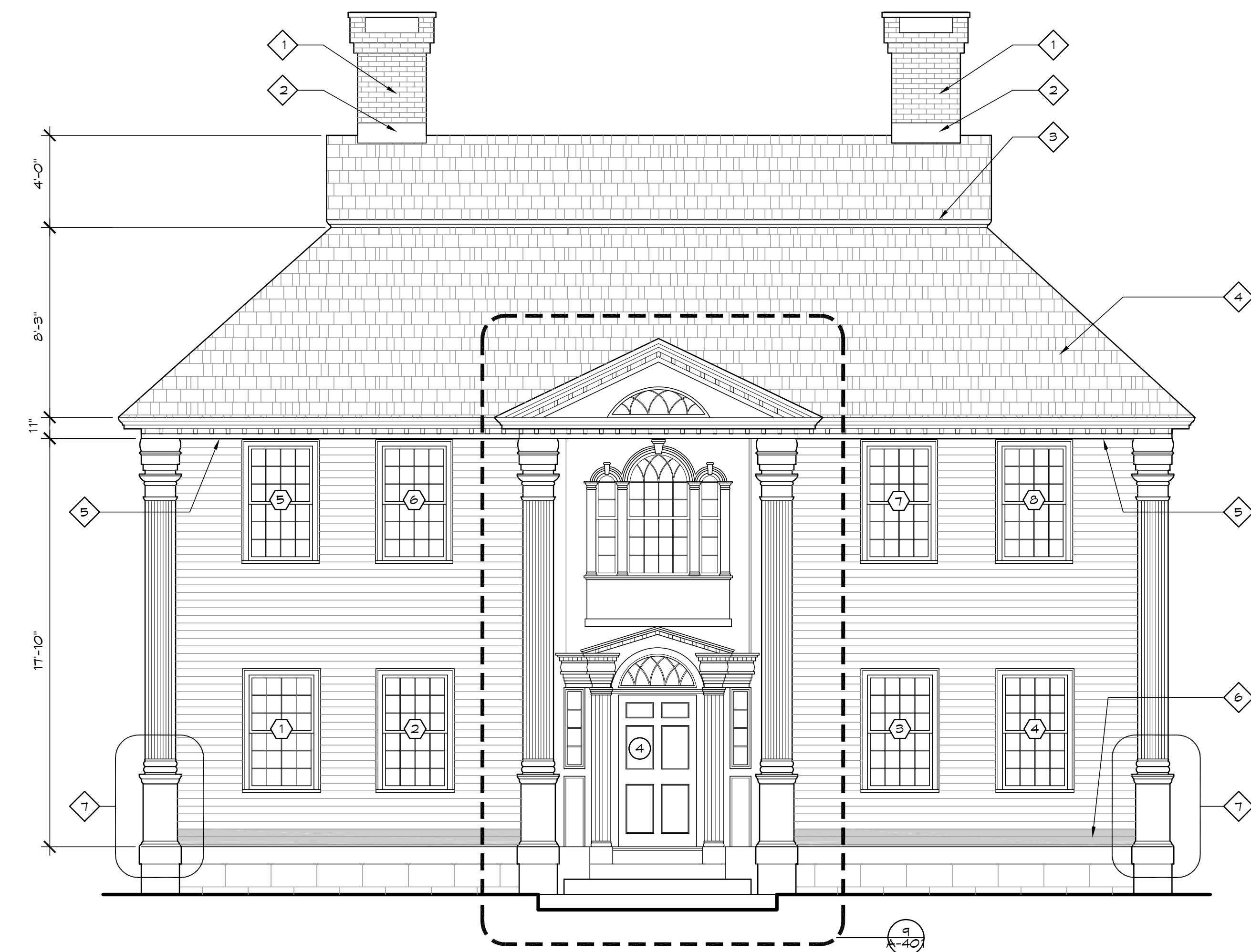
THE PRUDENCE GRANDALL HOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES AND IS A NATIONAL HISTORIC LANDMARK. ALL WORK FOR THIS RENOVATION PROJECT SHALL BE IN COMPLIANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC STRUCTURES.

ALL WORK ACTIVITIES MUST BE UNDERTAKEN WITH SUFFICIENT CARE TO PROTECT THIS HISTORIC RESOURCE AND MUST BE SUPERVISED BY PERSONNEL WHO ARE FAMILIAR WITH THE SECRETARY OF INTERIORS STANDARDS FOR REHABILITATION.

AN INTENT OF THESE DOCUMENTS IS TO DEFINE AND DIRECT THE RESTORATION OF ALL EXTERIOR BUILDING ELEMENTS FOR INTEGRITY, STABILITY, FUNCTIONALITY, AND WEATHER-TIGHTNESS. THE SCOPE OF WORK IS GENERALLY DEFINED BY THE DRAWINGS AND SPECIFICATIONS, AND WHILE THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO SPECIFIC ITEMS OR AREAS OF WORK, NOT EVERY INSTANCE OF A CONDITION CAN BE DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPREHENSIVE RESTORATION OF ALL INSTANCES APPARENT ON VISUAL INSPECTION. IF HISTORIC MATERIALS CANNOT BE PROPERLY REPAIRED, REPLACEMENT WITH LIKE MATERIALS AND SHAPES TO MATCH IS INDICATED. A CAREFUL INSPECTION OF EXISTING CONDITIONS PRIOR TO BID IS ESSENTIAL.

ALL ACTIVITIES WHICH HAVE THE POTENTIAL TO DISTURB SUBSOILS OR OTHERWISE DISTURB ARCHAEOLOGICAL RESOURCES, SHALL BE MONITORED BY THE OWNER'S ARCHAEOLOGIST. NOTIFY THE OWNER AT LEAST 12 HOURS IN ADVANCE OF SUCH ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL REMOVED OR DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED.



GENERAL MILLWORK REPAIR NOTES

- REMOVE, LABEL, AND STORE ALL ALUMINUM STORM WINDOWS DURING WORK. REINSTALL EACH STORM WINDOW AT SAME OPENING AFTER COMPLETION AND APPROVAL OF PAINTING WORK.
- CATALOG ALL WINDOW SASH PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. REMOVE ALL WINDOW STOPS AND SASH. CATALOG ALL WINDOW GLASS PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. ABATE ALL WINDOW GLAZING ON-SITE PER SPECIFICATION SECTION 02 82 13. REMOVE ALL PAINT PER SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY. REPAIR, RESTORE OR REPLICATE ALL SASH. PREP SEAL AND PAINT. REINSTALL SASH. REINSTALL STORM WINDOWS.
- REPAIR ALL EXISTING MITER JOINTS. RESET LOOSE TRIM (EXCEPT WHERE TRIM REPLACEMENT IS INDICATED OR REQUIRED) AND INSTALL SEALANT AT JOINTS GREATER THAN 1/16".
- SEAL CUT ENDS OF NEW FINISH CARPENTRY WITH PENETRATING SEALER PRIOR TO INSTALLATION.
- IF REPLACEMENT CLAPBOARD SIDING IS NOT LONG ENOUGH TO SPAN REQUIRED LENGTH, SPLICE TWO SECTIONS WITH 45° SCARF JOINT CUT WITH MITER SAW. NAIL THROUGH OVERLAPPING BOARD 1/2" TO SIDE OF JOINT.
- RETAIN AND PROTECT ALL CUT AND FORGED NAILS. RESET LOOSE NAILS, TYP.
- REMOVE RUSTING FLAT-HEAD NAILS. FILL HEAD HOLES. REFASTEN CLAPBOARD WITH TYPE 316 STAINLESS RING SHANK NAILS TO MIN. DEPTH INTO SHEATHING OF 2".
- WHERE CLAPBOARD SIDING IS SPLIT OR CHECKED BUT OTHERWISE SOUND AND FREE OF ROT, CAREFULLY REMOVE, MEND SPLIT WITH EXTERIOR WOOD GLUE, AND REINSTALL IN ORIGINAL LOCATION.

GENERAL FINISHES NOTES

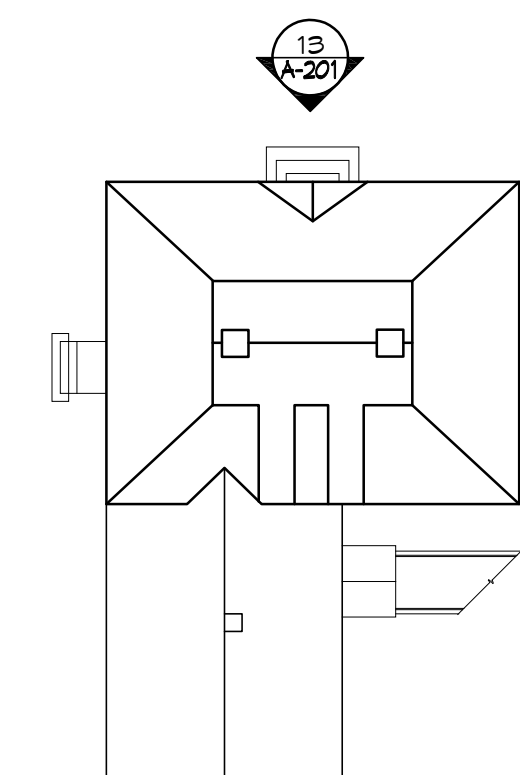
- NOTE: EXISTING HISTORICAL MILLWORK IS COMPOSED OF MANY DIFFERENT SIZES SHAPES AND PROFILES. PROPER PAINT REMOVAL WITHOUT DAMAGE TO HISTORICAL FEATURES WILL REQUIRE SPECIALIZED HAND TOOLS AND MULTIPLE REMOVAL METHODS TO ADDRESS DIFFERENT CONDITIONS.
- REFER TO SPECIFICATIONS FOR INSTRUCTIONS FOR PROPER SURFACE PREPARATION, MOCK-UPS, SEALER, PRIMER, AND FINISH COATS.
- REMOVE ALL PAINT FROM EXISTING DOORS, SIDING, CASING, AND TRIM (EXCEPT WHERE INDICATED OTHERWISE), USING ONE OR MORE STRIPPING METHODS THAT DO NOT DAMAGE HISTORIC MILLWORK, SUBJECT TO APPROVAL BY ARCHITECT. REFER TO SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY.
- PREPARE AND PAINT ALL EXTERIOR SIDING, CASINGS, AND TRIM.

GENERAL SCOPE NOTES

- 1 REPOINT BRICK CHIMNEYS AS NEEDED. ASSUME 10% FOR (2) CHIMNEYS OF MAIN HOUSE.
- 2 INSPECT EXISTING CHIMNEY COUNTERFLASHING AND REUSE WHERE SERVICEABLE. WHERE NEW FLASHING IS REQUIRED, CUT REGLETS ABOVE EXISTING FLASHING TO INSTALL. COORDINATE WITH NEW ROOF FLASHING. ASSUME 5%.
- 3 RESTORE OR REPLICATE CROWN MOLDING AT GABLE EAVES AND AT BREAK BETWEEN SHALLOW PITCH AND STEEPER PITCH AT MAIN HOUSE. ASSUME 100%.
- 4 REMOVE EXISTING ROOFING TO EXISTING RAFTERS. INSTALL NEW SPACED SHEATHING, CEDAR SHINGLE ROOF, AND ASSOCIATED FLASHING. SEE DETAILS ON ROOFING PLAN A-105.
- 5 REMOVE AND REPLICATE ROTTED OR DAMAGED FASCIA SEGMENTS, TYP. ASSUME 5%.
- 6 REMOVE BOTTOM TWO CLAPBOARDS AND LOOSEN THIRD ABOVE. INSTALL METAL DRIP CAP/FLASHING TO COVER TOP OF SKIRTING BOARD. REINSTALL CLAPBOARDS AND REFASTEN THIRD ABOVE. PROVIDE SPACES AS NEEDED ON CAP TO MAINTAIN BOTTOM CLAPBOARD AT ANGLE CONSISTENT WITH THOSE ABOVE. SEE DETAIL 5/A-201.

NOTES ON THIS SHEET

- 7 REPLACE ALL ROTTED MOLDINGS AT EAST FACE AND RETURN FACE OF FILASTER BASE.



1 KEY PLAN
NOT TO SCALE

13 EAST ELEVATION
1/4" = 1'-0"

5 FLASHING AT SKIRTING BOARD, TYP.
1 1/2" = 1'-0"

drawing title EAST ELEVATION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
	mark	date	description
project PRUDENCE GRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. A-201_EAST ELEV.dwg	project no. BI-RR-28	drawn by XXX	
		approved by XXX	
		drawing no. A-201	

GENERAL NOTICES

THE PRUDENCE CRANDALL HOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES AND IS A NATIONAL HISTORIC LANDMARK. ALL WORK FOR THIS RENOVATION PROJECT SHALL BE IN COMPLIANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC STRUCTURES.

ALL WORK ACTIVITIES MUST BE UNDERTAKEN WITH SUFFICIENT CARE TO PROTECT THIS HISTORIC RESOURCE AND MUST BE SUPERVISED BY PERSONNEL WHO ARE FAMILIAR WITH THE SECRETARY OF INTERIORS STANDARDS FOR REHABILITATION.

AN INTENT OF THESE DOCUMENTS IS TO DEFINE AND DIRECT THE RESTORATION OF ALL EXTERIOR BUILDING ELEMENTS FOR INTEGRITY, STABILITY, FUNCTIONALITY, AND WEATHER-TIGHTNESS. THE SCOPE OF WORK IS GENERALLY DEFINED BY THE DRAWINGS AND SPECIFICATIONS. AND WHILE THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO SPECIFIC ITEMS OR AREAS OF WORK, NOT EVERY INSTANCE OF A CONDITION CAN BE DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPREHENSIVE RESTORATION OF ALL INSTANCES APPARENT ON VISUAL INSPECTION. IF HISTORIC MATERIALS CANNOT BE PROPERLY REPAIRED, REPLACEMENT WITH LIKE MATERIALS AND SHAPES TO MATCH IS INDICATED. A CAREFUL INSPECTION OF EXISTING CONDITIONS PRIOR TO BID IS ESSENTIAL.

ALL ACTIVITIES WHICH HAVE THE POTENTIAL TO DISTURB SUBSOILS OR OTHERWISE DISTURB ARCHAEOLOGICAL RESOURCES, SHALL BE MONITORED BY THE OWNER'S ARCHAEOLOGIST. NOTIFY THE OWNER AT LEAST 12 HOURS IN ADVANCE OF SUCH ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL REMOVED OR DEMOLISHED MATERIALS, UNLESS OTHERWISE DIRECTED.

GENERAL MILLWORK REPAIR NOTES

- REMOVE, LABEL, AND STORE ALL ALUMINUM STORM WINDOWS DURING WORK. REINSTALL EACH STORM WINDOW AT SAME OPENING AFTER COMPLETION AND APPROVAL OF PAINTING WORK.
- CATALOG ALL WINDOW SASH PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. REMOVE ALL WINDOW STOPS AND SASH. CATALOG ALL WINDOW GLASS PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. ABATE ALL WINDOW GLAZING ON-SITE PER SPECIFICATION SECTION 02 82 19. REMOVE ALL PAINT PER SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY. REPAIR, RESTORE OR REPLICATE ALL SASH. PREP SEAL AND PAINT. REINSTALL SASH. REINSTALL STORM WINDOWS.
- REPAIR ALL EXISTING MITER JOINTS. RESET LOOSE TRIM (EXCEPT WHERE TRIM REPLACEMENT IS INDICATED OR REQUIRED) AND INSTALL SEALANT AT JOINTS GREATER THAN 1/16".
- SEAL CUT ENDS OF NEW FINISH CARPENTRY WITH PENETRATING SEALER PRIOR TO INSTALLATION.
- IF REPLACEMENT CLAPBOARD SIDING IS NOT LONG ENOUGH TO SPAN REQUIRED LENGTH, SPLICE TWO SECTIONS WITH 45° SCARF JOINT CUT WITH MITER SAW. NAIL THROUGH OVERLAPPING BOARD 1/2" TO SIDE OF JOINT.
- RETAIN AND PROTECT ALL CUT AND FORGED NAILS. RESET LOOSE NAILS, TYP.
- REMOVE RUSTING FLAT-HEAD NAILS. FILL HEAD HOLES. REFASTEN CLAPBOARD WITH TYPE 316 STAINLESS RING SHANK NAILS TO MIN. DEPTH INTO SHEATHING OF 3/4".
- WHERE CLAPBOARD SIDING IS SPLIT OR CHECKED BUT OTHERWISE SOUND AND FREE OF ROT, CAREFULLY REMOVE, MEND SPLIT WITH EXTERIOR WOOD GLUE, AND REINSTALL IN ORIGINAL LOCATION.

GENERAL FINISHES NOTES

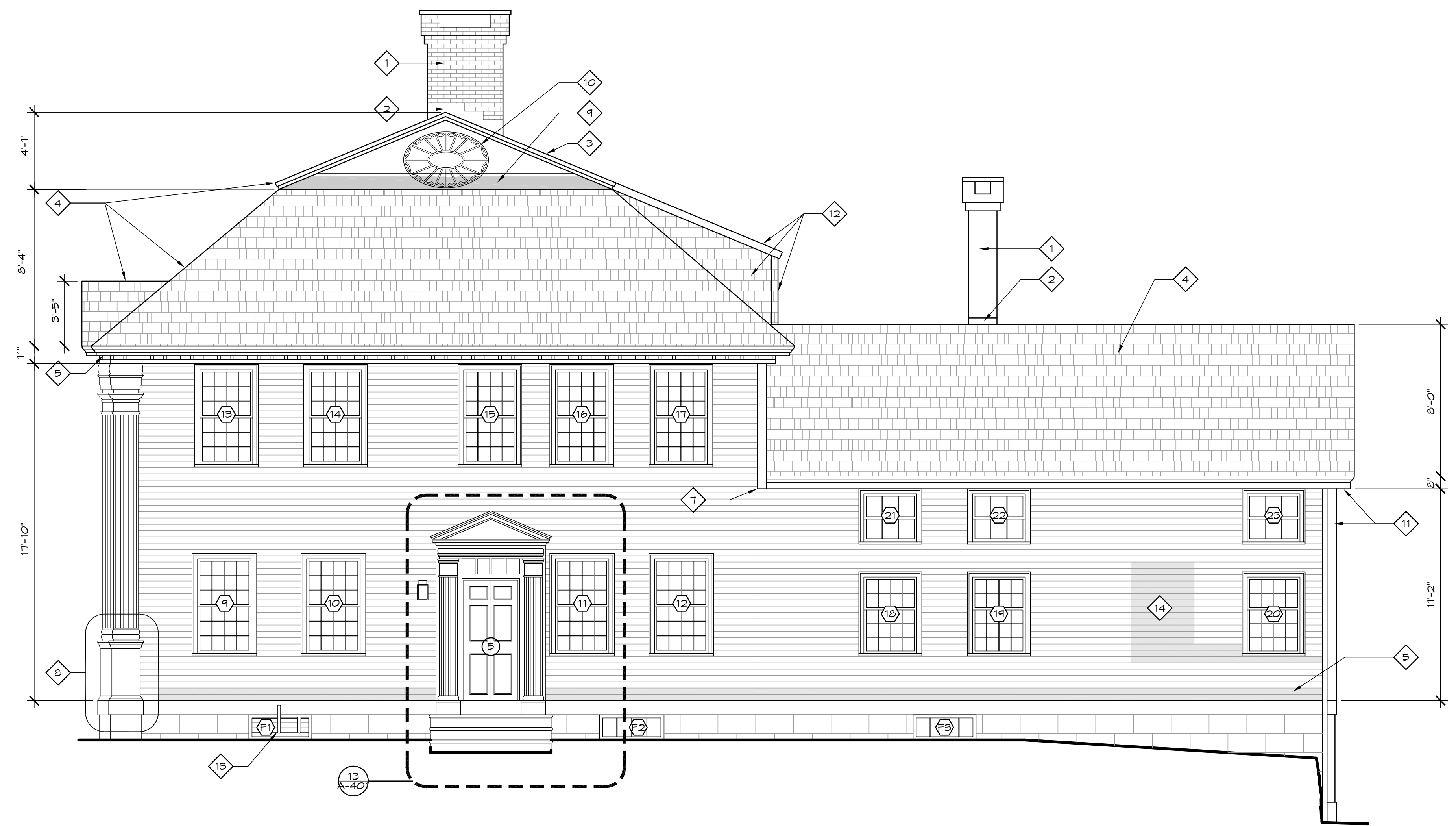
- NOTE: EXISTING HISTORICAL MILLWORK IS COMPOSED OF MANY DIFFERENT SIZES SHAPES AND PROFILES. PROPER PAINT REMOVAL WITHOUT DAMAGE TO HISTORICAL FEATURES WILL REQUIRE SPECIALIZED HAND TOOLS AND MULTIPLE REMOVAL METHODS TO ADDRESS DIFFERENT CONDITIONS.
- REFER TO SPECIFICATIONS FOR INSTRUCTIONS FOR PROPER SURFACE PREPARATION, MOCK-UPS, SEALER, PRIMER, AND FINISH COATS.
- REMOVE ALL PAINT FROM EXISTING DOORS, SIDING, CASINGS, AND TRIM (EXCEPT WHERE INDICATED OTHERWISE), USING ONE OR MORE STRIPPING METHODS THAT DO NOT DAMAGE HISTORIC MILLWORK, SUBJECT TO APPROVAL BY ARCHITECT. REFER TO SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY.
- PREPARE AND PAINT ALL EXTERIOR SIDING, CASINGS, AND TRIM.

GENERAL SCOPE NOTES

- 1 REPOINT BRICK CHIMNEYS AS NEEDED. ASSUME 10% FOR (2) CHIMNEYS OF MAIN HOUSE.
- 2 INSPECT EXISTING CHIMNEY COUNTERFLASHING AND REUSE WHERE SERVICEABLE. WHERE NEW FLASHING IS REQUIRED, CUT REGLETS ABOVE EXISTING FLASHING TO INSTALL. COORDINATE WITH NEW ROOF FLASHING. ASSUME 5%.
- 3 RESTORE OR REPLICATE CROWN MOLDING AT GABLE EAVES AND AT BREAK BETWEEN SHALLOW PITCH AND STEEPER PITCH AT MAIN HOUSE. ASSUME 100%.
- 4 REMOVE EXISTING ROOFING TO EXISTING RAFTERS. INSTALL NEW SPACED SHEATHING, CEDAR SHINGLE ROOF, AND ASSOCIATED FLASHING. SEE DETAILS ON ROOFING PLAN A-105.
- 5 REMOVE AND REPLICATE ROTTED OR DAMAGED FASCIA SEGMENTS, TYP. ASSUME 5%.
- 6 REMOVE BOTTOM TWO CLAPBOARDS AND LOOSEN THIRD ABOVE. INSTALL METAL DRIP CAP/FLASHING TO COVER TOP OF SKIRTING BOARD. REINSTALL CLAPBOARDS AND REFASTEN THIRD ABOVE. PROVIDE SPACES AS NEEDED ON CAP TO MAINTAIN BOTTOM CLAPBOARD AT ANGLE CONSISTENT WITH THOSE ABOVE. SEE DETAIL 5/A-201.

NOTES ON THIS SHEET

- 7 REPAIR OR REPLACE TRIM BOARDS AT TERMINATION OF EAVE CORNICE.
- 8 REMOVE AND REPLACE ROTTED AND DAMAGED WOOD TRIM AT PILASTER BASE WITH NEW WOOD COMPONENTS TO MATCH ORIGINAL.
- 9 LOOSEN BOTTOM OF LOWEST PLANK AT GABLE END. INSTALL SIDE-WALL FLASHING AND REPAIR OR REPLACE NEW PLANK TO MATCH ORIGINAL.
- 10 FACILITATE DOCUMENTATION AND DIMENSIONING (BY OTHERS) OF THE EXISTING PAINTED "ROSETTE". REPLICATION OVER NEWLY PREPPED AND PAINTED SURFACE IS OUT OF PROJECT SCOPE.
- 11 REMOVE EXISTING GUTTER AND LEADER. REPLACE WITH NEW PER SPECIFICATIONS. TIE LEADER INTO PERIMETER DRAINAGE SYSTEM VIA CAST IRON DOWNSPOUT BOOT. MIFAB R1530 OR SIM.
- 12 REPLICATE EAVE AND RAKE TRIM AT DORMERS. SEE ROOF PLAN FOR CHEEK WALL SHINGLES. ADD NEW RETURN CORNERBOARD 5/4x4".
- 13 EXISTING METAL LOUVER WITH OIL FILLS.
- 14 REMOVE DAMAGED, MISALIGNED, AND "ZIPPERED" CLAPBOARDS. PROVIDE NEW CLAPBOARDS TO ALIGN WITH AND MATCH EXISTING. STAGGER VERTICAL JOINTS.



1 KEY PLAN
NOT TO SCALE

13 NORTH ELEVATION
1/4" = 1'-0"

drawing title NORTH ELEVATION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. A-202 NORTH ELEV.dwg		project no. BI-RR-28	
		drawn by XXX	
		approved by XXX	
		drawing no. A-202	

GENERAL NOTICES

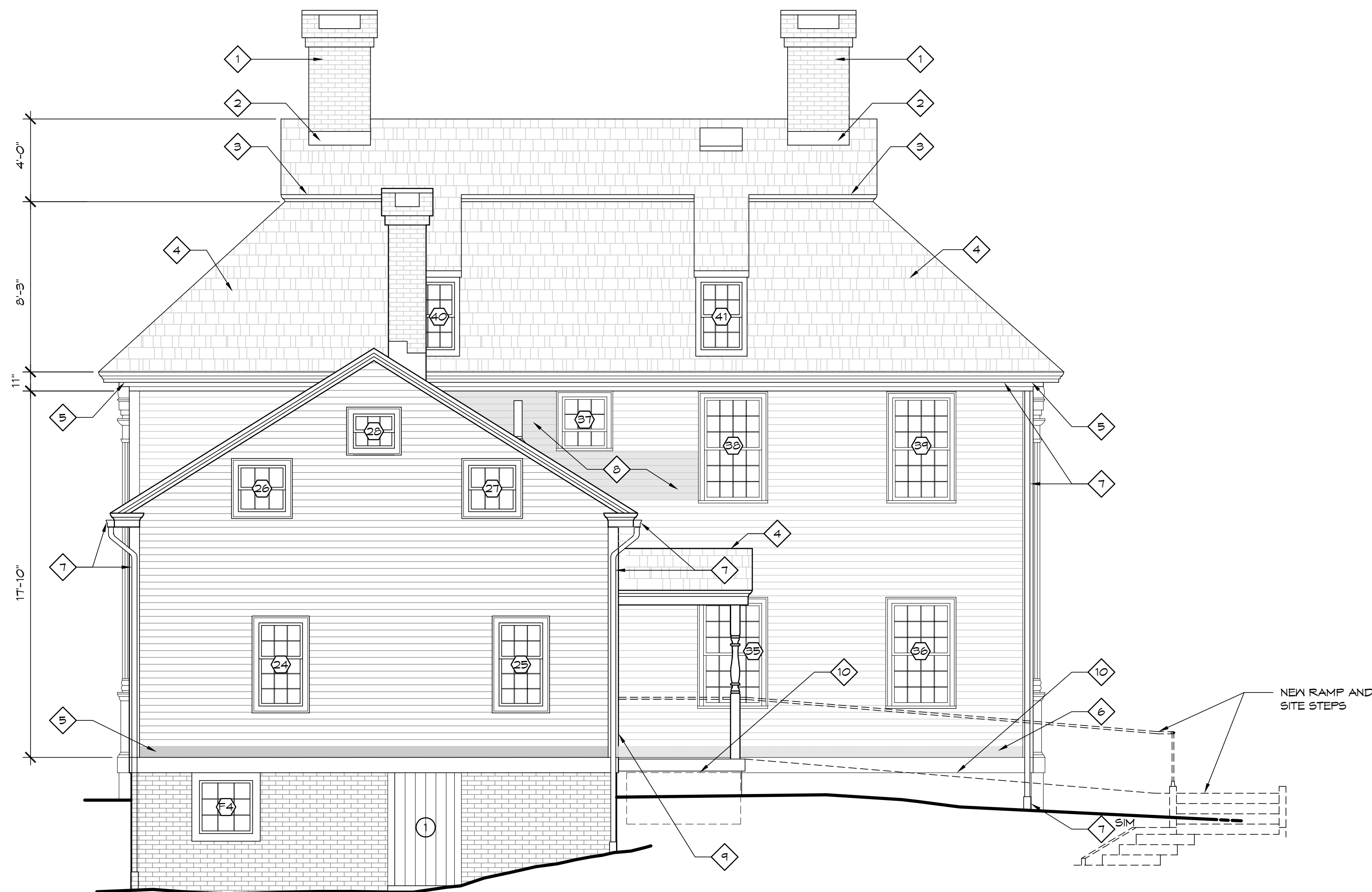
THE PRUDENCE CRANDALL HOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES AND IS A NATIONAL HISTORIC LANDMARK. ALL WORK FOR THIS RENOVATION PROJECT SHALL BE IN COMPLIANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC STRUCTURES.

ALL WORK ACTIVITIES MUST BE UNDERTAKEN WITH SUFFICIENT CARE TO PROTECT THIS HISTORIC RESOURCE AND MUST BE SUPERVISED BY PERSONNEL WHO ARE FAMILIAR WITH THE SECRETARY OF INTERIORS STANDARDS FOR REHABILITATION.

AN INTENT OF THESE DOCUMENTS IS TO DEFINE AND DIRECT THE RESTORATION OF ALL EXTERIOR BUILDING ELEMENTS FOR INTEGRITY, STABILITY, FUNCTIONALITY, AND WEATHER-TIGHTNESS. THE SCOPE OF WORK IS GENERALLY DEFINED BY THE DRAWINGS AND SPECIFICATIONS. AND WHILE THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO SPECIFIC ITEMS OR AREAS OF WORK, NOT EVERY INSTANCE OF A CONDITION CAN BE DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPREHENSIVE RESTORATION OF ALL INSTANCES APPARENT ON VISUAL INSPECTION. IF HISTORIC MATERIALS CANNOT BE PROPERLY REPAIRED, REPLACEMENT WITH LIKE MATERIALS AND SHAPES TO MATCH IS INDICATED. A CAREFUL INSPECTION OF EXISTING CONDITIONS PRIOR TO BID IS ESSENTIAL.

ALL ACTIVITIES WHICH HAVE THE POTENTIAL TO DISTURB SUBSOILS OR OTHERWISE DISTURB ARCHAEOLOGICAL RESOURCES, SHALL BE MONITORED BY THE OWNER'S ARCHAEOLOGIST. NOTIFY THE OWNER AT LEAST 12 HOURS IN ADVANCE OF SUCH ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL REMOVED OR DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED.



GENERAL MILLWORK REPAIR NOTES

- REMOVE, LABEL, AND STORE ALL ALUMINUM STORM WINDOWS DURING WORK. REINSTALL EACH STORM WINDOW AT SAME OPENING AFTER COMPLETION AND APPROVAL OF PAINTING WORK.
- CATALOG ALL WINDOW SASH PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. REMOVE ALL WINDOW STOPS AND SASH. CATALOG ALL WINDOW GLASS PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. ABATE ALL WINDOW GLAZING ON-SITE PER SPECIFICATION SECTION 02 82 19. REMOVE ALL PAINT PER SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY. REPAIR, RESTORE OR REPLICATE ALL SASH. PREP SEAL AND PAINT. REINSTALL SASH. REINSTALL STORM WINDOWS.
- REPAIR ALL EXISTING MITER JOINTS. RESET LOOSE TRIM (EXCEPT WHERE TRIM REPLACEMENT IS INDICATED OR REQUIRED) AND INSTALL SEALANT AT JOINTS GREATER THAN 1/16".
- SEAL CUT ENDS OF NEW FINISH CARPENTRY WITH PENETRATING SEALER PRIOR TO INSTALLATION.
- IF REPLACEMENT CLAPBOARD SIDING IS NOT LONG ENOUGH TO SPAN REQUIRED LENGTH, SPLICE TWO SECTIONS WITH 45° SCARF JOINT CUT WITH MITER SAW. NAIL THROUGH OVERLAPPING BOARD 1/2" TO SIDE OF JOINT.
- RETAIN AND PROTECT ALL CUT AND FORGED NAILS. RESET LOOSE NAILS, TYP.
- REMOVE RUSTING FLAT-HEAD NAILS. FILL HEAD HOLES. REFASTEN CLAPBOARD WITH TYPE 316 STAINLESS RING SHANK NAILS TO MIN. DEPTH INTO SHEATHING OF 2".
- WHERE CLAPBOARD SIDING IS SPLIT OR CHECKED BUT OTHERWISE SOUND AND FREE OF ROT, CAREFULLY REMOVE, MEND SPLIT WITH EXTERIOR WOOD GLUE, AND REINSTALL IN ORIGINAL LOCATION.

GENERAL FINISHES NOTES

- NOTE: EXISTING HISTORICAL MILLWORK IS COMPOSED OF MANY DIFFERENT SIZES SHAPES AND PROFILES. PROPER PAINT REMOVAL WITHOUT DAMAGE TO HISTORICAL FEATURES WILL REQUIRE SPECIALIZED HAND TOOLS AND MULTIPLE REMOVAL METHODS TO ADDRESS DIFFERENT CONDITIONS.
- REFER TO SPECIFICATIONS FOR INSTRUCTIONS FOR PROPER SURFACE PREPARATION, MOCK-UPS, SEALER, PRIMER, AND FINISH COATS.
- REMOVE ALL PAINT FROM EXISTING DOORS SIDING, CASINGS, AND TRIM (EXCEPT WHERE INDICATED OTHERWISE), USING ONE OR MORE STRIPPING METHODS THAT DO NOT DAMAGE HISTORIC MILLWORK, SUBJECT TO APPROVAL BY ARCHITECT. REFER TO SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY.
- PREPARE AND PAINT ALL EXTERIOR SIDING, CASINGS, AND TRIM.

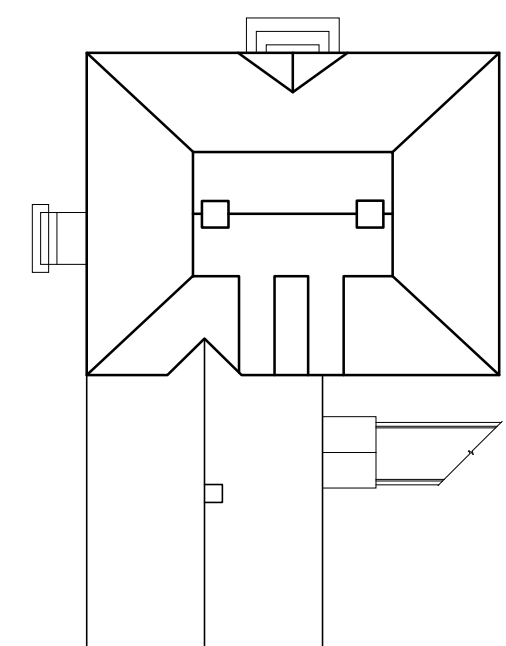
GENERAL SCOPE NOTES

- 1 REPOINT BRICK CHIMNEYS AS NEEDED. ASSUME 10% FOR (2) CHIMNEYS OF MAIN HOUSE.
- 2 INSPECT EXISTING CHIMNEY COUNTERFLASHING AND REUSE WHERE SERVICEABLE. WHERE NEW FLASHING IS REQUIRED, CUT REGLETS ABOVE EXISTING FLASHING TO INSTALL. COORDINATE WITH NEW ROOF FLASHING. ASSUME 5%.
- 3 RESTORE OR REPLICATE CROWN MOLDING AT GABLE EAVES AND AT BREAK BETWEEN SHALLOW PITCH AND STEEPER PITCH AT MAIN HOUSE. ASSUME 100%.
- 4 REMOVE EXISTING ROOFING TO EXISTING RAFTERS. INSTALL NEW SPACED SHEATHING, CEDAR SHINGLE ROOF, AND ASSOCIATED FLASHING. SEE DETAILS ON ROOFING PLAN A-105.
- 5 REMOVE AND REPLICATE ROTTED OR DAMAGED FASCIA SEGMENTS, TYP. ASSUME 5%.
- 6 REMOVE BOTTOM TWO CLAPBOARDS AND LOOSEN THIRD ABOVE. INSTALL METAL DRIP CAP/FLASHING TO COVER TOP OF SKIRTING BOARD. REINSTALL CLAPBOARDS AND REFASTEN THIRD ABOVE. PROVIDE SPACES AS NEEDED ON CAP TO MAINTAIN BOTTOM CLAPBOARD AT ANGLE CONSISTENT WITH THOSE ABOVE. SEE DETAIL 3/A-201.

NOTES ON THIS SHEET

- 7 REMOVE EXISTING GUTTER AND LEADER. REPLACE WITH NEW PER SPECIFICATION. TIE LEADER INTO PERIMETER DRAIN VIA CAST IRON DOWNSPOUT BOOT: MIFAB R1530 OR SIMILAR BY ZURN OR J. R. HOE.
- 7 SIM COORDINATE INSTALLATION OF DOWNSPOUT BOOT AND CONNECTION TO PERIMETER DRAINAGE: EXG CONC COLLAR MAY REQUIRE OFFSET OF PIPES.
- 8 REMOVE CLAPBOARDS AND PROVIDE NEW TO ALIGN WITH AND MATCH EXISTING. CUT CLAPBOARD ENDS TO TERMINATE ON A CONSISTENT LINE, PARALLEL TO ADJACENT ELL ROOF.
- 9 RESTORE CORNER BOARD (AT INTERSECTION OF MAIN HOUSE WITH ELL) OR REPLICATE.
- 10 INSTALL NEW SKIRTING BOARD WHERE MISSING.

1 KEY PLAN
NOT TO SCALE



13 WEST ELEVATION
1/4" = 1'-0"

drawing title WEST ELEVATION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019 scale 1/4" = 1'-0"
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by XXX approved by XXX drawing no. A-203
CAD no. A-203_WEST ELEV.dwg	project no. BI-RR-28		

GENERAL NOTICES

THE PRUDENCE GRANDALL HOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES AND IS A NATIONAL HISTORIC LANDMARK. ALL WORK FOR THIS RENOVATION PROJECT SHALL BE IN COMPLIANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC STRUCTURES.

ALL WORK ACTIVITIES MUST BE UNDERTAKEN WITH SUFFICIENT CARE TO PROTECT THIS HISTORIC RESOURCE AND MUST BE SUPERVISED BY PERSONNEL WHO ARE FAMILIAR WITH THE SECRETARY OF INTERIORS STANDARDS FOR REHABILITATION.

AN INTENT OF THESE DOCUMENTS IS TO DEFINE AND DIRECT THE RESTORATION OF ALL EXTERIOR BUILDING ELEMENTS FOR INTEGRITY, STABILITY, FUNCTIONALITY, AND WEATHER-TIGHTNESS. THE SCOPE OF WORK IS GENERALLY DEFINED BY THE DRAWINGS AND SPECIFICATIONS. AND WHILE THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO SPECIFIC ITEMS OR AREAS OF WORK, NOT EVERY INSTANCE OF A CONDITION CAN BE DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPREHENSIVE RESTORATION OF ALL INSTANCES APPARENT ON VISUAL INSPECTION. IF HISTORIC MATERIALS CANNOT BE PROPERLY REPAIRED, REPLACEMENT WITH LIKE MATERIALS AND SHAPES TO MATCH IS INDICATED. A CAREFUL INSPECTION OF EXISTING CONDITIONS PRIOR TO BID IS ESSENTIAL.

ALL ACTIVITIES WHICH HAVE THE POTENTIAL TO DISTURB SUBSOILS OR OTHERWISE DISTURB ARCHAEOLOGICAL RESOURCES, SHALL BE MONITORED BY THE OWNER'S ARCHAEOLOGIST. NOTIFY THE OWNER AT LEAST 72 HOURS IN ADVANCE OF SUCH ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL REMOVED OR DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED.

GENERAL MILLWORK REPAIR NOTES

- REMOVE, LABEL, AND STORE ALL ALUMINUM STORM WINDOWS DURING WORK. REINSTALL EACH STORM WINDOW AT SAME OPENING AFTER COMPLETION AND APPROVAL OF PAINTING WORK.
- CATALOG ALL WINDOW SASH PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. REMOVE ALL WINDOW STOPS AND SASH. CATALOG ALL WINDOW GLASS PRIOR TO REMOVAL TO FACILITATE REINSTALLATION. ABATE ALL WINDOW GLAZING ON-SITE PER SPECIFICATION SECTION 02 82 13. REMOVE ALL PAINT PER SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY. REPAIR, RESTORE OR REPLICATE ALL SASH. PREP SEAL AND PAINT. REINSTALL SASH. REINSTALL STORM WINDOWS.
- REPAIR ALL EXISTING MITER JOINTS. RESET LOOSE TRIM (EXCEPT WHERE TRIM REPLACEMENT IS INDICATED OR REQUIRED) AND INSTALL SEALANT AT JOINTS GREATER THAN 1/16".
- SEAL CUT ENDS OF NEW FINISH CARPENTRY WITH PENETRATING SEALER PRIOR TO INSTALLATION.
- IF REPLACEMENT CLAPBOARD SIDING IS NOT LONG ENOUGH TO SPAN REQUIRED LENGTH, SPLICE TWO SECTIONS WITH 45° SCARF JOINT CUT WITH MITER SAW. NAIL THROUGH OVERLAPPING BOARD 1/2" TO SIDE OF JOINT.
- RETAIN AND PROTECT ALL CUT AND FORGED NAILS. RESET LOOSE NAILS, TYP.
- REMOVE RUSTING FLAT-HEAD NAILS. FILL HEAD HOLES. REFASTEN CLAPBOARD WITH TYPE 316 STAINLESS RING SHANK NAILS TO MIN. DEPTH INTO SHEATHING OF 2".
- WHERE CLAPBOARD SIDING IS SPLIT OR CHECKED BUT OTHERWISE SOUND AND FREE OF ROT, CAREFULLY REMOVE, MEND SPLIT WITH EXTERIOR WOOD GLUE, AND REINSTALL IN ORIGINAL LOCATION.

GENERAL FINISHES NOTES

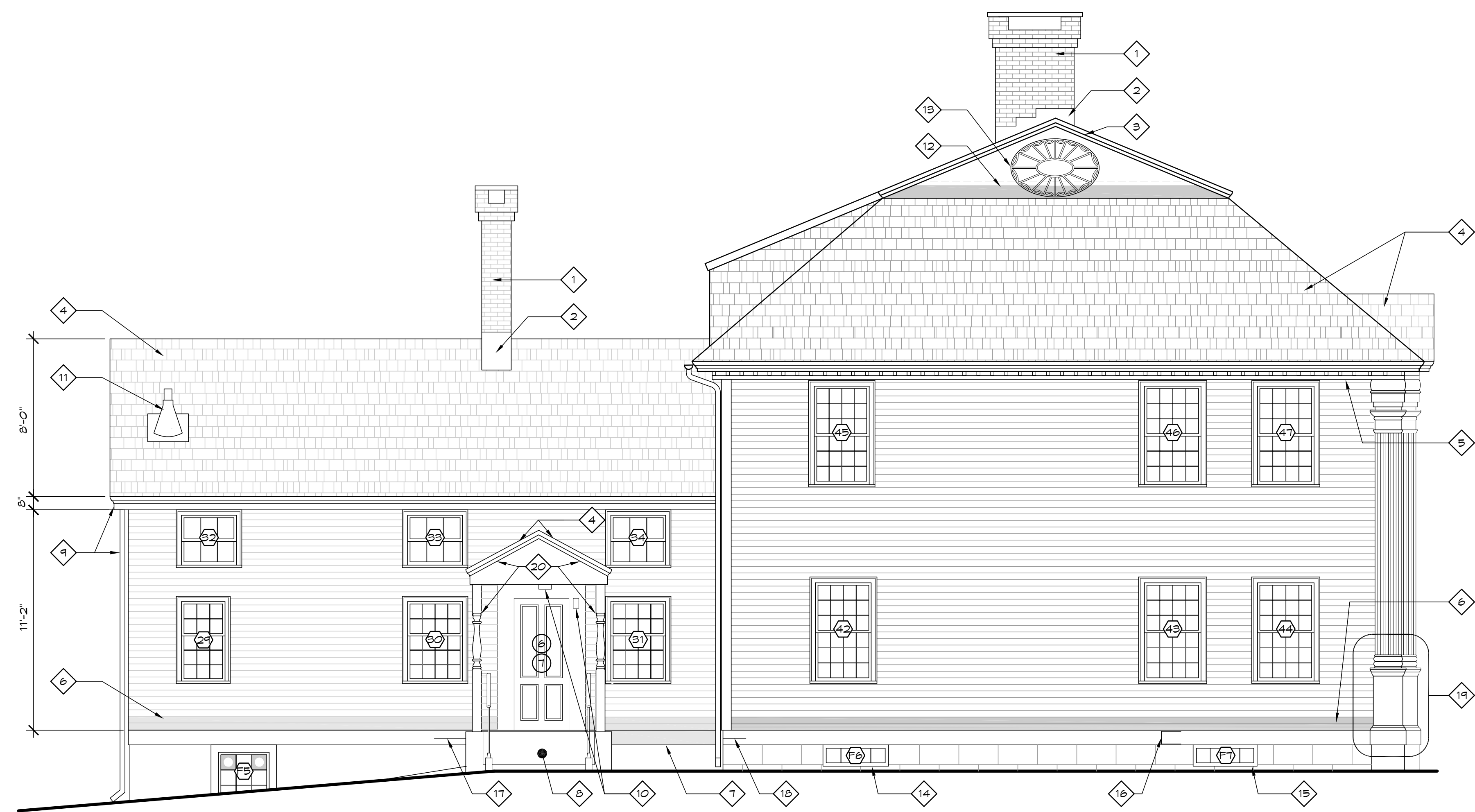
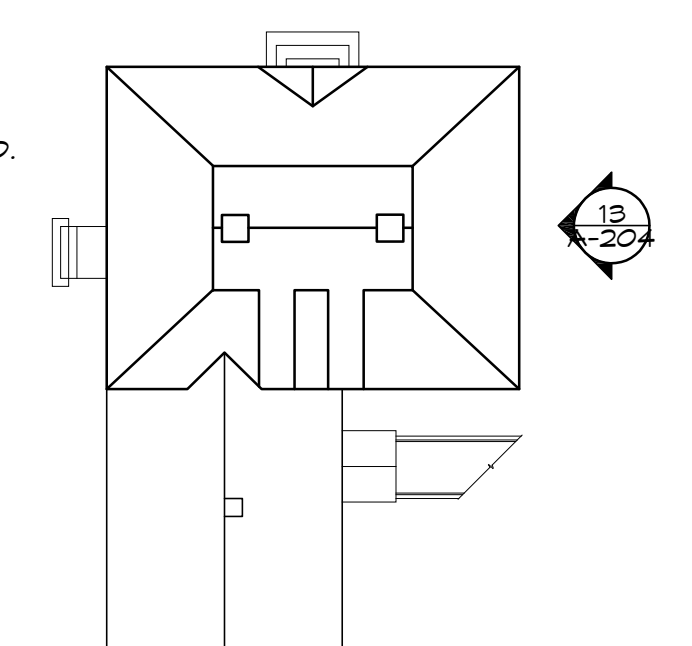
- NOTE: EXISTING HISTORICAL MILLWORK IS COMPOSED OF MANY DIFFERENT SIZES SHAPES AND PROFILES. PROPER PAINT REMOVAL WITHOUT DAMAGE TO HISTORICAL FEATURES WILL REQUIRE SPECIALIZED HAND TOOLS AND MULTIPLE REMOVAL METHODS TO ADDRESS DIFFERENT CONDITIONS.
- REFER TO SPECIFICATIONS FOR INSTRUCTIONS FOR PROPER SURFACE PREPARATION, MOCK-UPS, SEALER, PRIMER, AND FINISH COATS.
- REMOVE ALL PAINT FROM EXISTING DOORS, SIDING, CASINGS, AND TRIM (EXCEPT WHERE INDICATED OTHERWISE), USING ONE OR MORE STRIPPING METHODS THAT DO NOT DAMAGE HISTORIC MILLWORK, SUBJECT TO APPROVAL BY ARCHITECT. REFER TO SPECIFICATION SECTION 02 83 13 FOR LEAD PAINT ACTIVITY.
- PREPARE AND PAINT ALL EXTERIOR SIDING, CASINGS, AND TRIM.

GENERAL SCOPE NOTES

- 1 REPOINT BRICK CHIMNEYS AS NEEDED. ASSUME 10% FOR (2) CHIMNEYS OF MAIN HOUSE.
- 2 INSPECT EXISTING CHIMNEY COUNTERFLASHING AND REUSE WHERE SERVICEABLE. WHERE NEW FLASHING IS REQUIRED, CUT REGLETS ABOVE EXISTING FLASHING TO INSTALL. COORDINATE WITH NEW ROOF FLASHING. ASSUME 5%.
- 3 RESTORE OR REPLICATE CROWN MOLDING AT GABLE EAVES AND AT BREAK BETWEEN SHALLOW PITCH AND STEEPER PITCH AT MAIN HOUSE. ASSUME 100%.
- 4 REMOVE EXISTING ROOFING TO EXISTING RAFTERS. INSTALL NEW SPACED SHEATHING, CEDAR SHINGLE ROOF, AND ASSOCIATED FLASHING. SEE DETAILS ON ROOFING PLAN A-105.
- 5 REMOVE AND REPLICATE ROTTED OR DAMAGED FASCIA SEGMENTS, TYP. ASSUME 5%.
- 6 REMOVE BOTTOM TWO CLAPBOARDS AND LOOSEN THIRD ABOVE. INSTALL METAL DRIP CAP/FLASHING TO COVER TOP OF SKIRTING BOARD. REINSTALL CLAPBOARDS AND REFASTEN THIRD ABOVE. PROVIDE SPACES AS NEEDED ON CAP TO MAINTAIN BOTTOM CLAPBOARD AT ANGLE CONSISTENT WITH THOSE ABOVE. SEE DETAIL 5/A-201.

NOTES ON THIS SHEET

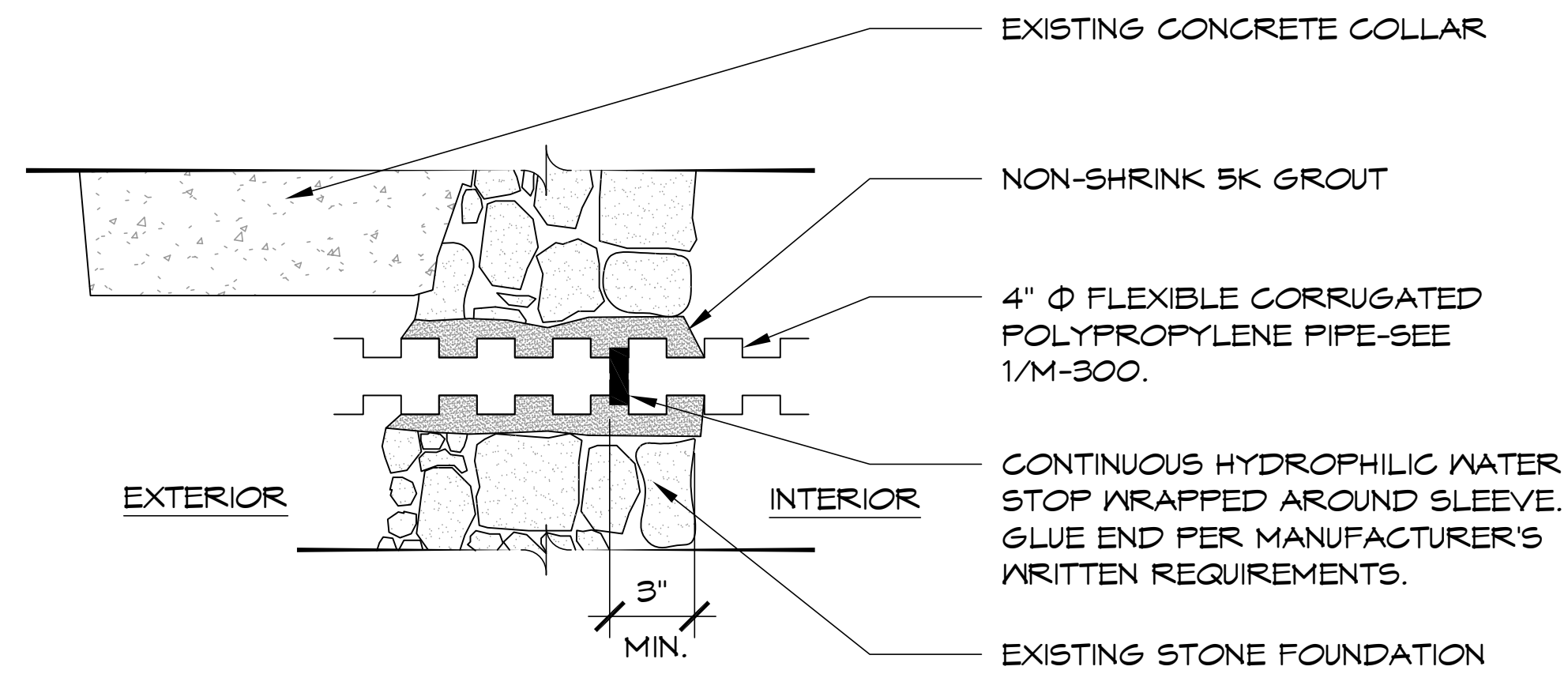
- 7 INSTALL NEW SKIRT BOARD TO MATCH EXISTING.
- 8 NEW CONCRETE RAMP. SEE CIVIL DRAWINGS AND ENLARGED PLAN ON SHEET A-501.
- 9 REMOVE EXISTING GUTTER AND LEADER. REPLACE WITH NEW PER SPECIFICATIONS. TIE LEADER INTO PERIMETER DRAINAGE SYSTEM.
- 10 REMOVE AND STORE LIGHT FIXTURES DURING WORK PERIOD. DISCONNECT CIRCUITS AND PROTECT WIRES. REINSTALL AFTER COMPLETION OF WORK.
- 11 REMOVE VENT COLLAR WHEN STRIPPING ROOF. REINSTALL WITH INSTALLATION OF NEW ROOF.
- 12 LOOSEN BOTTOM OF LOWEST PLANK AT GABLE END. INSTALL SIDENALL FLASHING AND REPAIR OR REPLICATE NEW PLANK TO MATCH ORIGINAL.
- 13 FACILITATE DOCUMENTATION AND DIMENSIONING OF EXISTING PAINTED "ROSETTE". REPLICATION OVER NEWLY PREPPED AND PAINTED SURFACE IS OUT OF PROJECT SCOPE.
- 14 REMOVE SCREEN AND REPLICATE WINDOW FRAME. INSTALL NEW SASH.
- 15 REMOVE SCREEN AND REPLICATE WINDOW FRAME. INSTALL METAL PANEL IN NEW SASH FOR COMBUSTION AIR INTAKES. SEE MECHANICAL DRAWINGS.
- 16 REPOSITION OR REPLACE CROOKED SKIRTING BOARD.
- 17 REPLACE SPLIT SKIRTING BOARD.
- 18 REPAIR CRACKED SKIRTING BOARD.
- 19 REPLACE MOLDINGS AT WEST FACE (AND RETURN FACE) OF PILASTER BASE.
- 20 FILL PORCH ROOF STRUCTURE AND SUPPORTING COLUMNS TO REMAIN. PREP AND PAINT PER GENERAL NOTES.



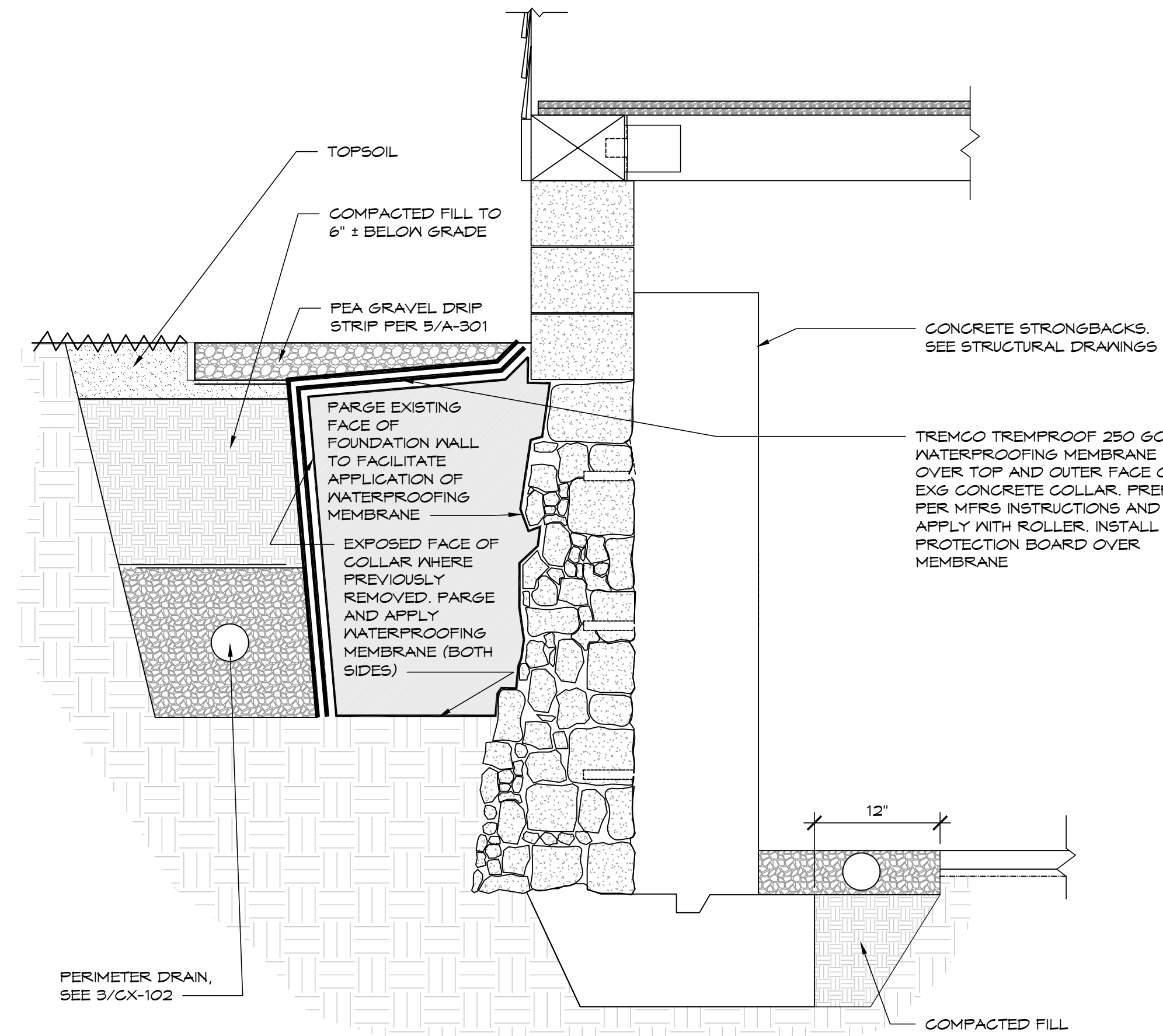
1 KEY PLAN
NOT TO SCALE

13 SOUTH ELEVATION
1/4" = 1'-0"

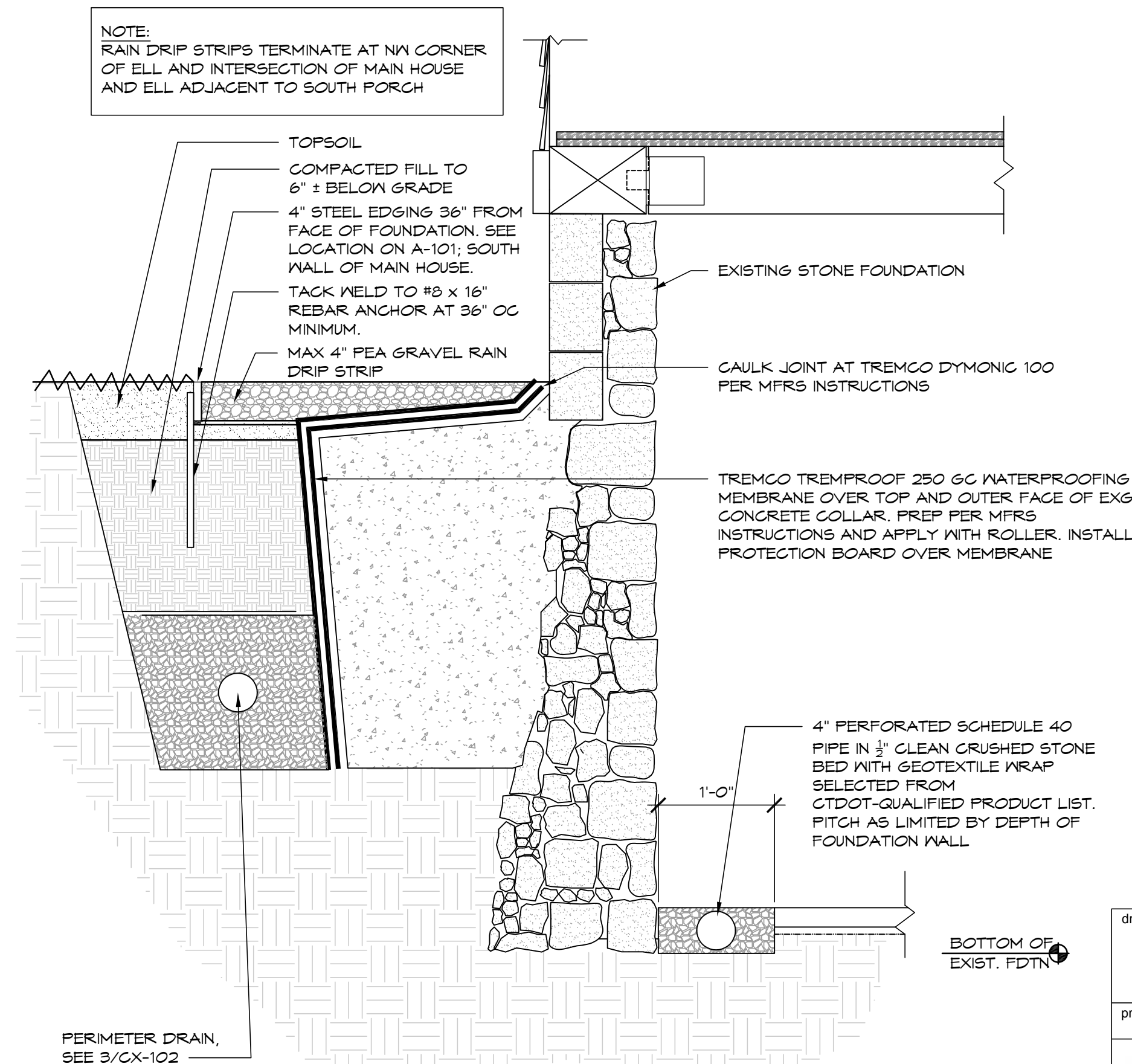
drawing title SOUTH ELEVATION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019 scale 1/4" = 1'-0"
	mark	date	description
	project PRUDENCE GRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by XXX approved by XXX drawing no. A-204
CAD no. A-204_SOUTH ELEV.dwg	project no. BI-RR-28		



15 FOUNDATION WALL MECHANICAL PENETRATION
1 1/2" = 1'-0"



7 SECTION AT REMOVED CONCRETE COLLAR
1"=1'0"



5 TYPICAL SECTION AT FOUNDATION WALL
1"=1'0"

NOTE: SECTION AT WEST AND SOUTH ELEVATIONS OF ELL ARE SIMILAR, BUT WITHOUT COLLAR. SECTION AT WEST ELEVATION DOES NOT HAVE DRIP STRIP AND GRADE IS LOWER.

GENERAL NOTICES

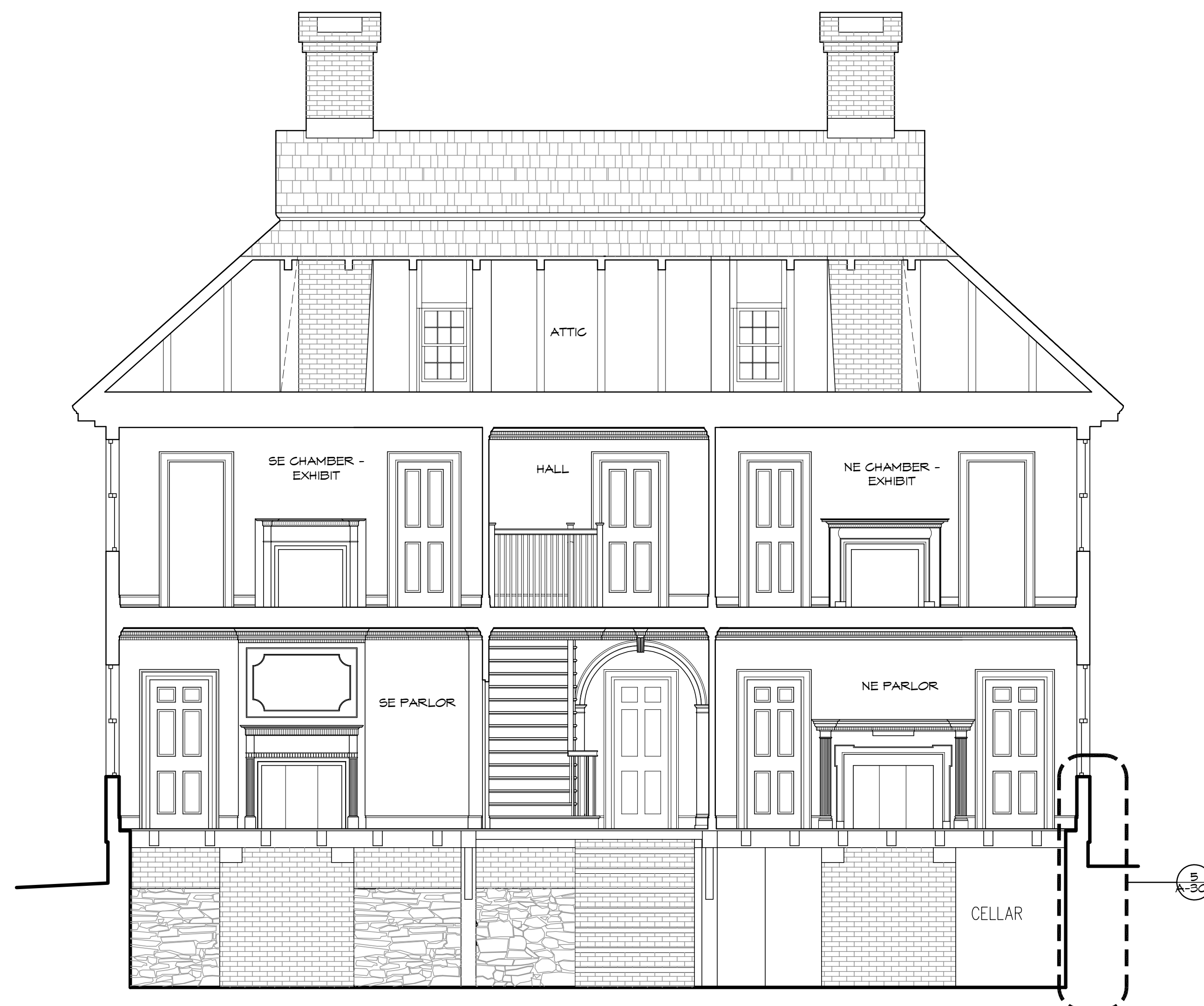
THE PRUDENCE GRANDALL HOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES AND IS A NATIONAL HISTORIC LANDMARK. ALL WORK FOR THIS RENOVATION PROJECT SHALL BE IN COMPLIANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC STRUCTURES.

ALL WORK ACTIVITIES MUST BE UNDERTAKEN WITH SUFFICIENT CARE TO PROTECT THIS HISTORIC RESOURCE AND MUST BE SUPERVISED BY PERSONNEL WHO ARE FAMILIAR WITH THE SECRETARY OF INTERIORS STANDARDS FOR REHABILITATION.

AN INTENT OF THESE DOCUMENTS IS TO DEFINE AND DIRECT THE RESTORATION OF ALL EXTERIOR BUILDING ELEMENTS FOR INTEGRITY, STABILITY, FUNCTIONALITY, AND WEATHER-TIGHTNESS. THE SCOPE OF WORK IS GENERALLY DEFINED BY THE DRAWINGS AND SPECIFICATIONS. AND WHILE THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO SPECIFIC ITEMS OR AREAS OF WORK, NOT EVERY INSTANCE OF A CONDITION CAN BE DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPREHENSIVE RESTORATION OF ALL INSTANCES APPARENT ON VISUAL INSPECTION. IF HISTORIC MATERIALS CANNOT BE PROPERLY REPAIRED, REPLACEMENT WITH LIKE MATERIALS AND SHAPES TO MATCH IS INDICATED. A CAREFUL INSPECTION OF EXISTING CONDITIONS PRIOR TO BID IS ESSENTIAL.

ALL ACTIVITIES WHICH HAVE THE POTENTIAL TO DISTURB SUBSOILS OR OTHERWISE DISTURB ARCHAEOLOGICAL RESOURCES, SHALL BE MONITORED BY THE OWNER'S ARCHAEOLOGIST. NOTIFY THE OWNER AT LEAST 72 HOURS IN ADVANCE OF SUCH ACTIVITIES.

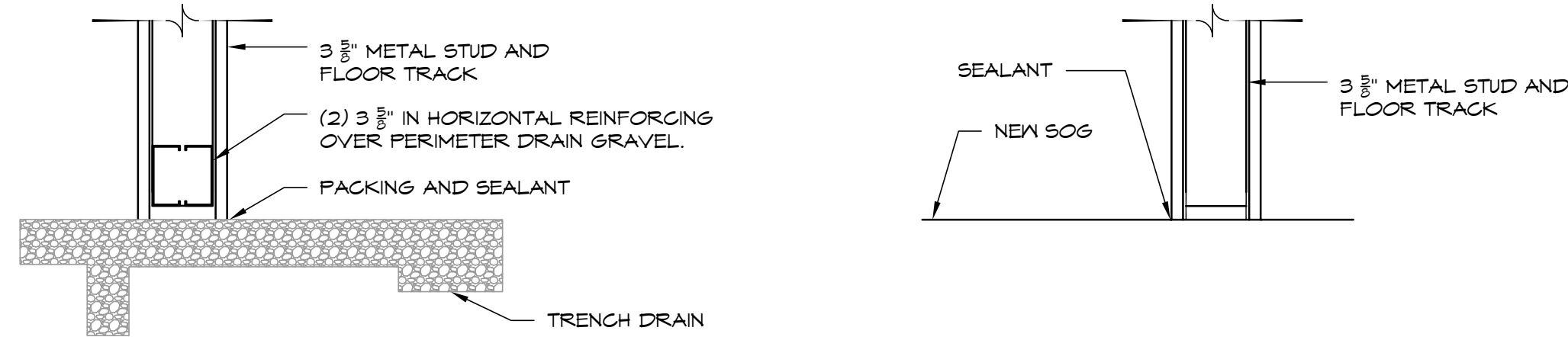
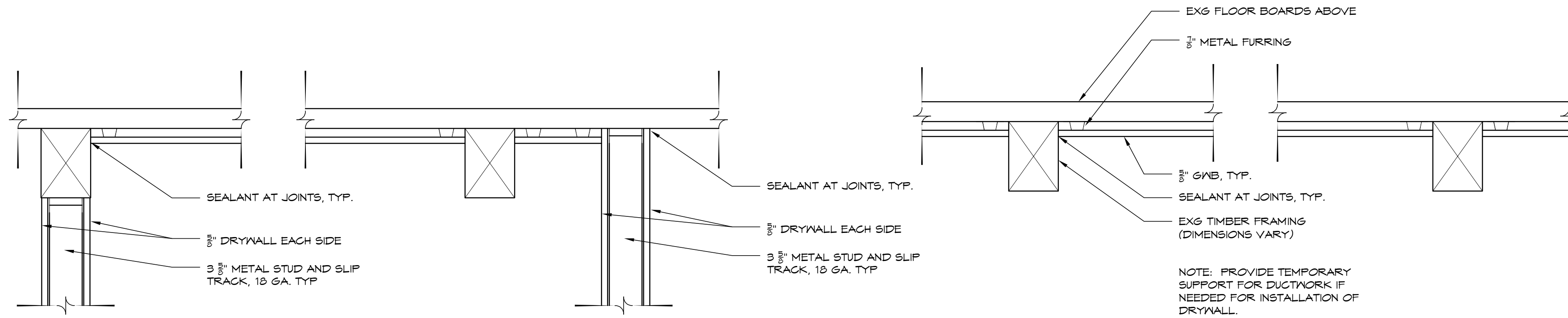
THE CONTRACTOR IS RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL REMOVED OR DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED.



13 SECTION
1/4" = 1'-0"

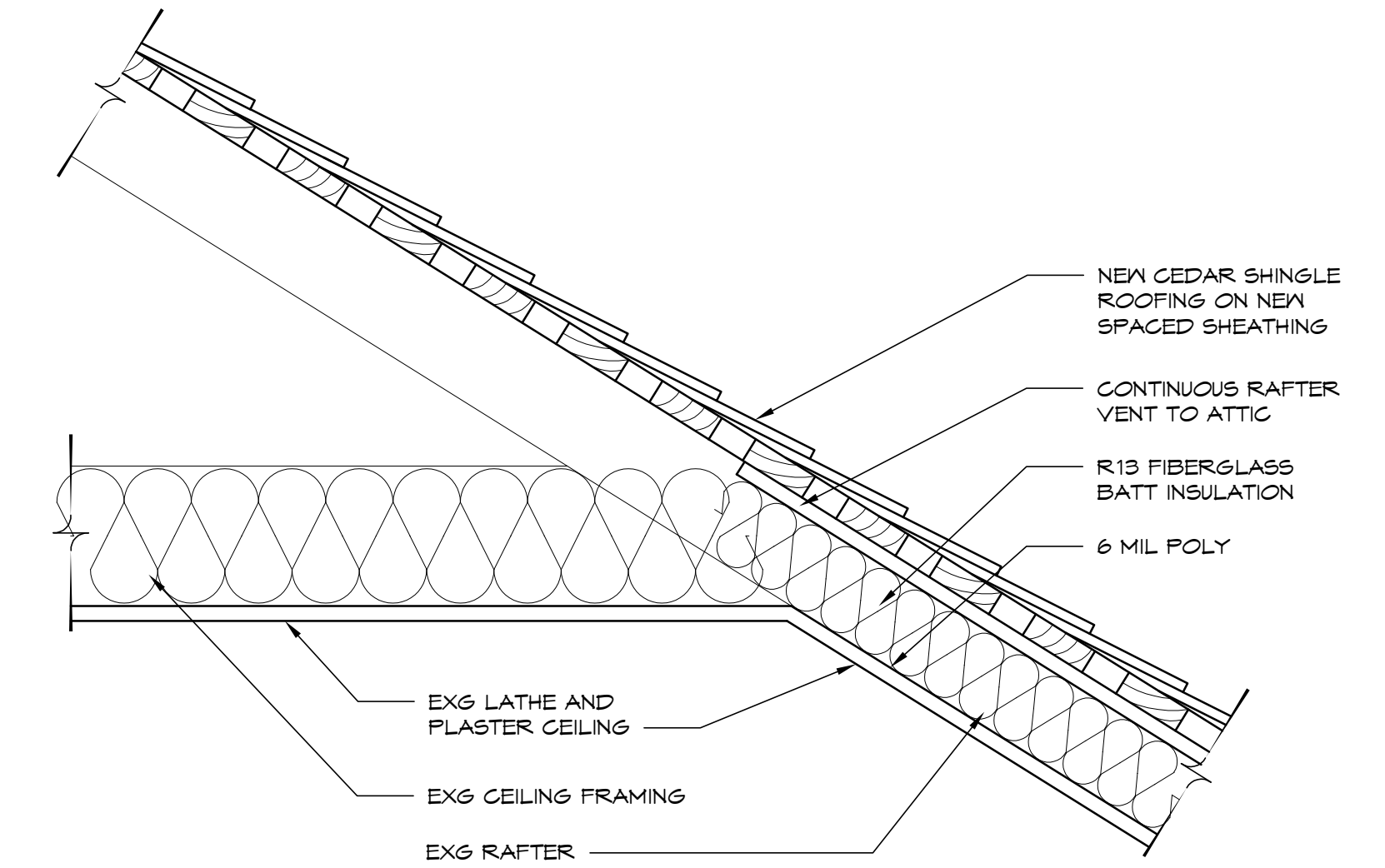
1 KEY PLAN
NOT TO SCALE

drawing title SOUTH-NORTH SECTION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019 scale AS NOTED
	mark	date	description
	project PRUDENCE GRANDALL MUSEUM RENOVATIONS		drawn by XXX approved by XXX drawing no.
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		project no. BI-RR-28	
CAD no. A-301_SECTION.dwg			A-301

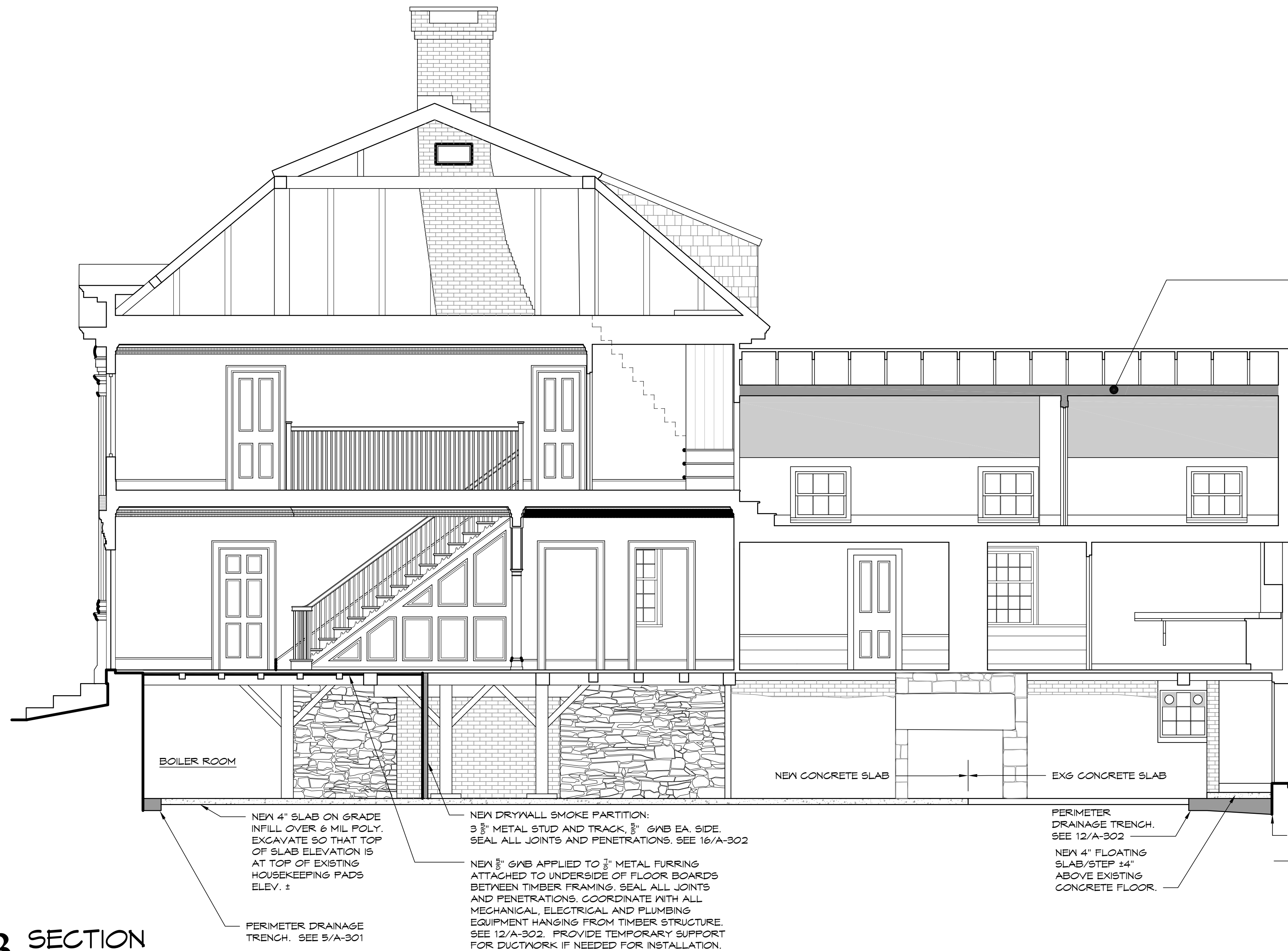


16 SMOKE PARTITIONS
1 1/2" = 1'-0"

12 SMOKE BARRIER AT BOILER ROOM CEILING
1 1/2" = 1'-0"



2 INSULATION AT ELL ROOF AND CEILING
1 1/2" = 1'-0"
INSTALL FROM ABOVE WHEN OLD ROOF HAS BEEN TORN OUT

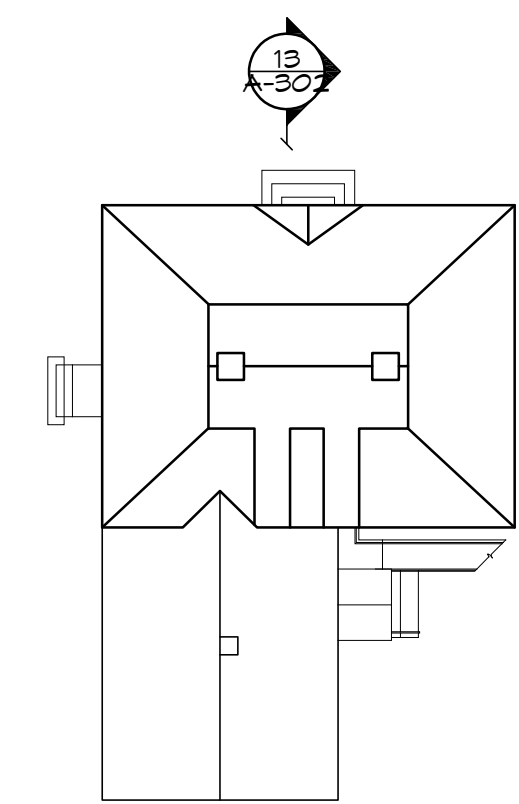


13 SECTION
1/4" = 1'-0"

INSTALL FROM ABOVE CEILING WHEN ROOFING HAS BEEN REMOVED:

- VAPOR BARRIER
- R13 BATT INSULATION
- CONTINUOUS RAFTER VENTS IN PITCHED CEILINGS AND ATTIC FLOOR. COORDINATE WITH ROOF INSTALLATION (SOFFIT VENTING)

SEE 2/A-302



1 KEY PLAN
NOT TO SCALE

drawing title EAST-WEST SECTION		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS		scale 1/4" = 1'-0"
CAD no. A-302_SECTION.dwg		project no. BI-RR-28	drawn by XXX approved by XXX drawing no. A-302

GENERAL NOTICES

THE PRUDENCE GRANDALL HOUSE IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES AND IS A NATIONAL HISTORIC LANDMARK. ALL WORK FOR THIS RENOVATION PROJECT SHALL BE IN COMPLIANCE WITH THE SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC STRUCTURES.

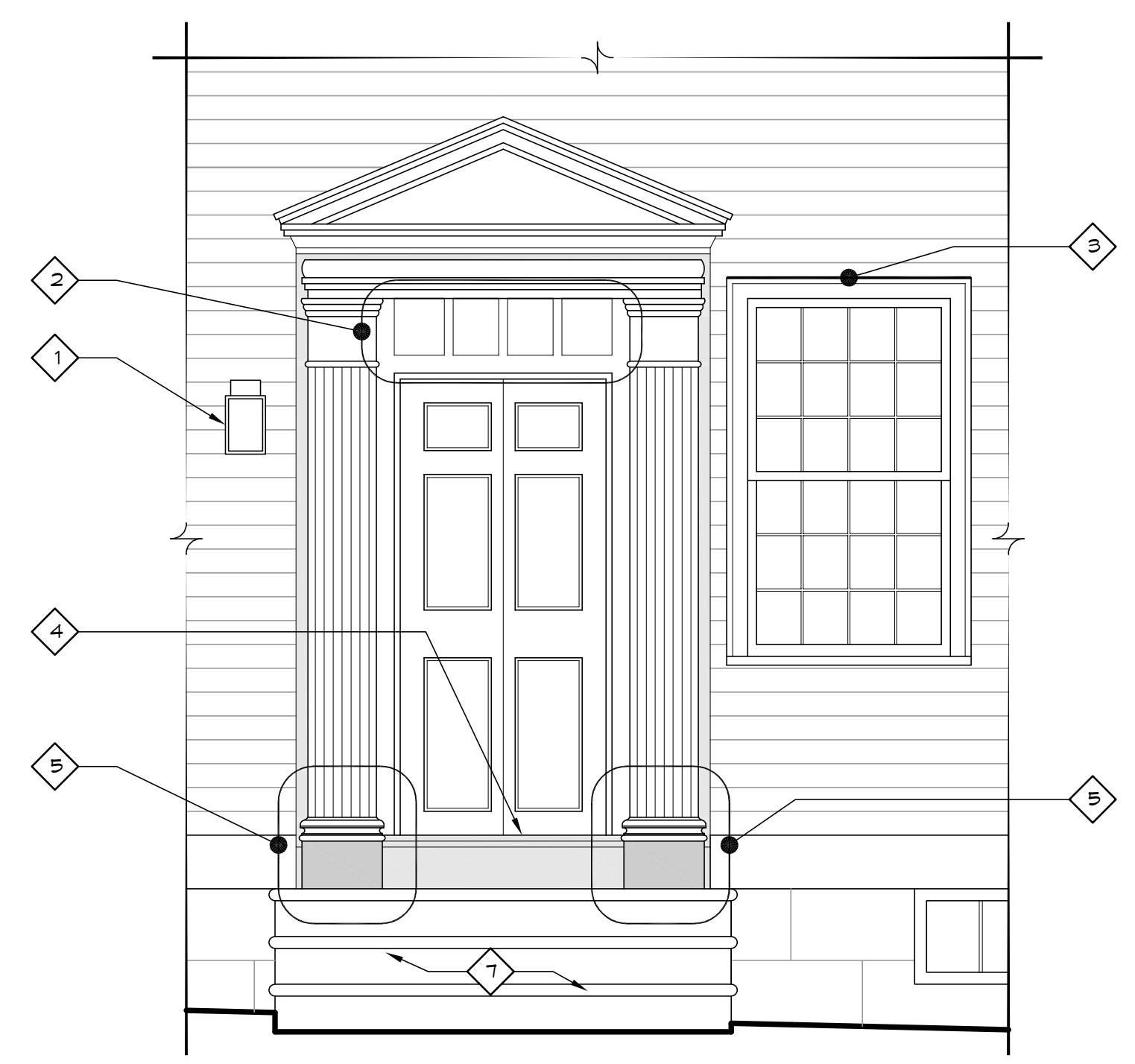
ALL WORK ACTIVITIES MUST BE UNDERTAKEN WITH SUFFICIENT CARE TO PROTECT THIS HISTORIC RESOURCE AND MUST BE SUPERVISED BY PERSONNEL WHO ARE FAMILIAR WITH THE SECRETARY OF INTERIORS STANDARDS FOR REHABILITATION.

AN INTENT OF THESE DOCUMENTS IS TO DEFINE AND DIRECT THE RESTORATION OF ALL EXTERIOR BUILDING ELEMENTS FOR INTEGRITY, STABILITY, FUNCTIONALITY, AND WEATHER-TIGHTNESS. THE SCOPE OF WORK IS GENERALLY DEFINED BY THE DRAWINGS AND SPECIFICATIONS. AND WHILE THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO SPECIFIC ITEMS OR AREAS OF WORK, NOT EVERY INSTANCE OF A CONDITION CAN BE DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPREHENSIVE RESTORATION OF ALL INSTANCES APPARENT ON VISUAL INSPECTION. IF HISTORIC MATERIALS CANNOT BE PROPERLY REPAIRED, REPLACEMENT WITH LIKE MATERIALS AND SHAPES TO MATCH IS INDICATED. A CAREFUL INSPECTION OF EXISTING CONDITIONS PRIOR TO BID IS ESSENTIAL.

ALL ACTIVITIES WHICH HAVE THE POTENTIAL TO DISTURB SUBSOILS OR OTHERWISE DISTURB ARCHAEOLOGICAL RESOURCES, SHALL BE MONITORED BY THE OWNER'S ARCHAEOLOGIST. NOTIFY THE OWNER AT LEAST 72 HOURS IN ADVANCE OF SUCH ACTIVITIES.

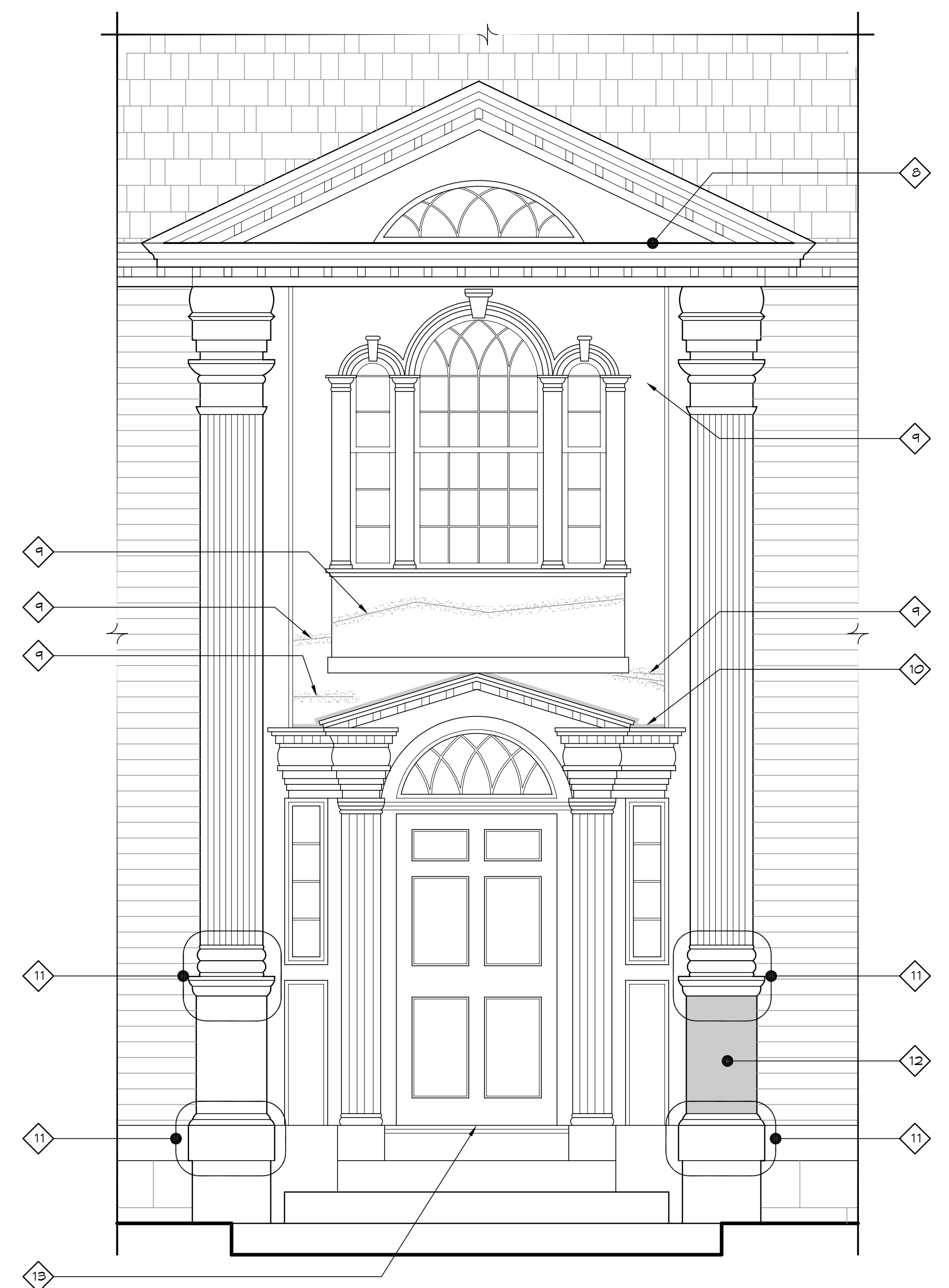
THE CONTRACTOR IS RESPONSIBLE FOR PROPER OFF-SITE DISPOSAL OF ALL REMOVED OR DEMOLISHED MATERIALS, UNLESS OTHERWISE NOTED.

- NOTES ON THIS SHEET**
- 1 REMOVE AND STORE LIGHT FIXTURE. DISCONNECT CIRCUITS AND PROTECT WIRES. REINSTALL AFTER EXTERIOR WORK IS COMPLETED.
 - 2 REMOVE CAULK AT FIXED TRANSOM. REMOVE AND STORE ORIGINAL GLASS. REMOVE ALL OLD PAINT AT TRANSOM. REGLAZE ORIGINAL GLASS AFTER TRANSOM HAS BEEN REPAINTED. ABATE PER SPECIFICATION SECTION 02 82 13.
 - 3 REPLACE TRIM AT TOP OF CASING. INSTALL CAP FLASHING OVER NEW TRIM TO PROTECT FROM RUN-OFF FROM DOOR PEDIMENT.
 - 4 REPAIR FULL-LENGTH CRACK IN SILL WITH EPOXY.
 - 5 REMOVE PILASTER BASES. CUT BACK BOTTOMS ENDS OF DOOR CASING WITH 45° KERF. FIT NEW EXTENSION TO BOTTOM OF SKIRT BOARD.
 - 6 NOT USED
 - 7 POWER WASH, PREP AND PAINT MODERN DECK, STOPS, AND ENCLOSURE.
 - 8 REMOVE PAINT AT DEEP WOOD SHELF OF PEDIMENT. COMPLY WITH SPECIFICATIONS 02 83 13. PREP AND SEAL SHELF. INSTALL NEW METAL CAP FLASHING SIMILAR TO CAP ON PEDIMENT BELOW.
 - 9 ORIGINAL WIDE PLANK SURFACES ARE DEFORMING, CRACKING OR ROTTING. REMOVE ALL ROT. SHAPE MISALIGNED JOINTS. FILL CRACKS/CHECKS -OR- FINDING THE WOOD TO BE TOO DETERIORATED TO BE REPAIRED AFTER CONSULTATION WITH SHPO, REMOVE ORIGINAL MATERIALS AND REPLACE WITH NEW/RECLAIMED LUMBER TO MATCH ORIGINAL.
 - 10 REPLACE TRIM ABOVE DOOR PEDIMENT.
 - 11 REMOVE AND REPLACE ROTTED WOOD TRIM WITH NEW COMPONENTS TO MATCH ORIGINAL. FILL CRACKS AND CHECKS WHERE POSSIBLE.
 - 12 REMOVE AND REPLACE FACING OF PILASTER BASE.
 - 13 FILL CRACKS/CHECKS AT DOOR SILL.



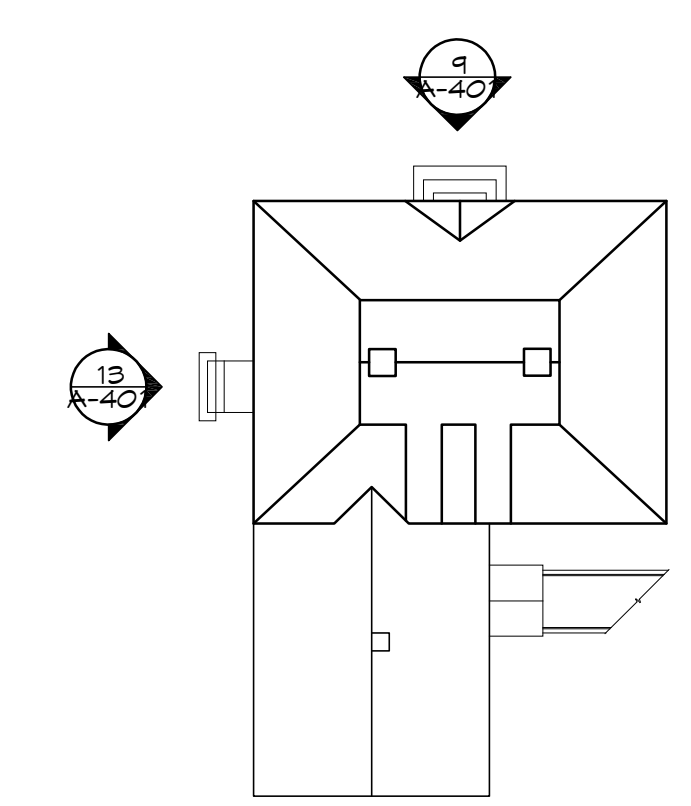
NOTE:
ALL WORK NOTED HERE TO BE PERFORMED PER SPECIFICATION 02 83 13 FOR LEAD PAINT ACTIVITY.

13 ENLARGED NORTH ELEVATION
1/2" = 1'-0"



- NOTES:**
1. ALL WORK NOTED HERE TO BE PERFORMED PER SPECIFICATION 02 83 13 FOR LEAD PAINT ACTIVITY.
 2. WINDOW RESTORATION UNDERTAKEN FOR THIS BAY IN 2010. REPAIR OR REPLACE GLAZING PUTTY AS NEEDED PRIOR TO PREP. AND PAINT.

9 ENLARGED EAST ELEVATION
1/2" = 1'-0"

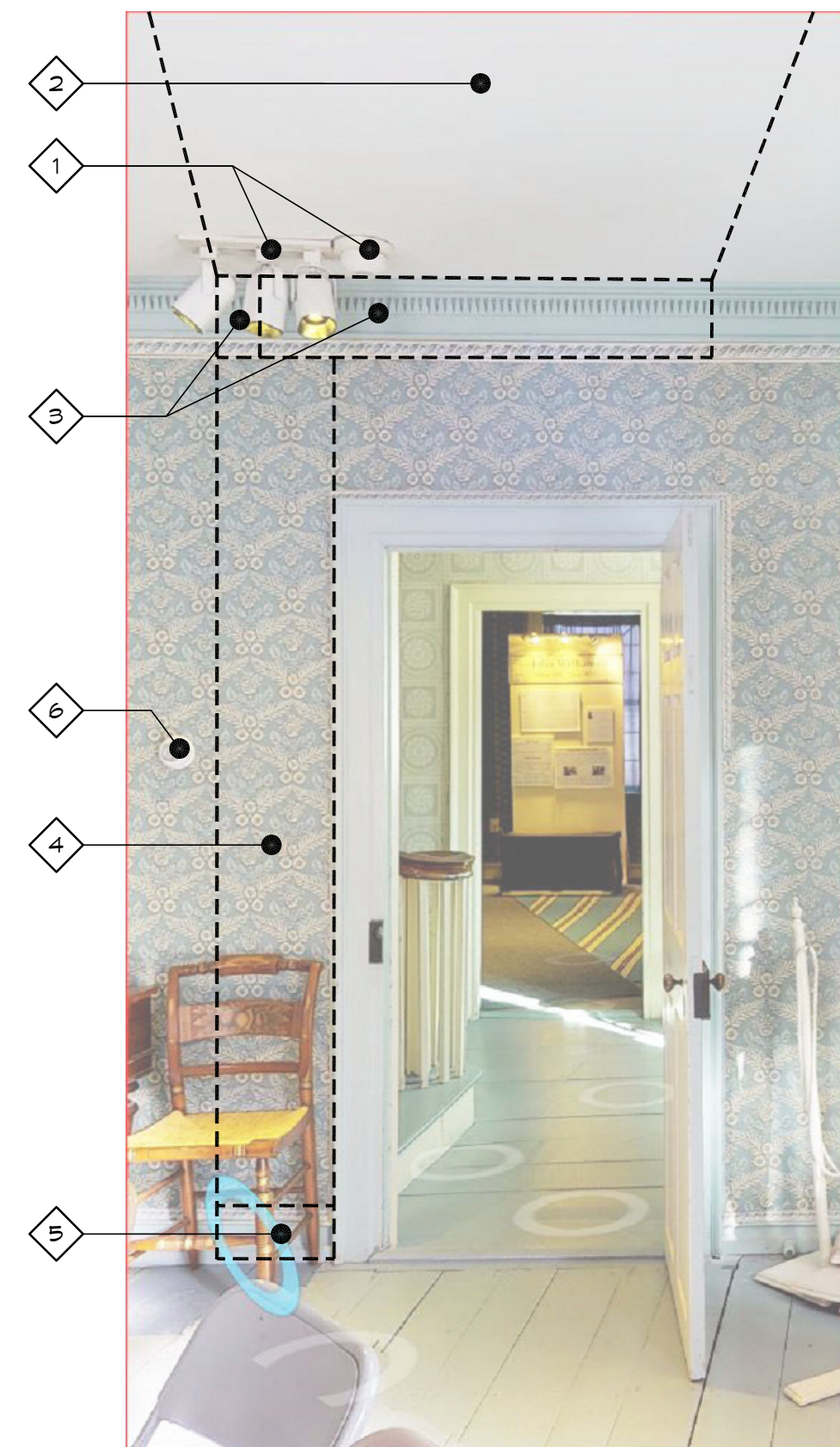


1 KEY PLAN
NOT TO SCALE

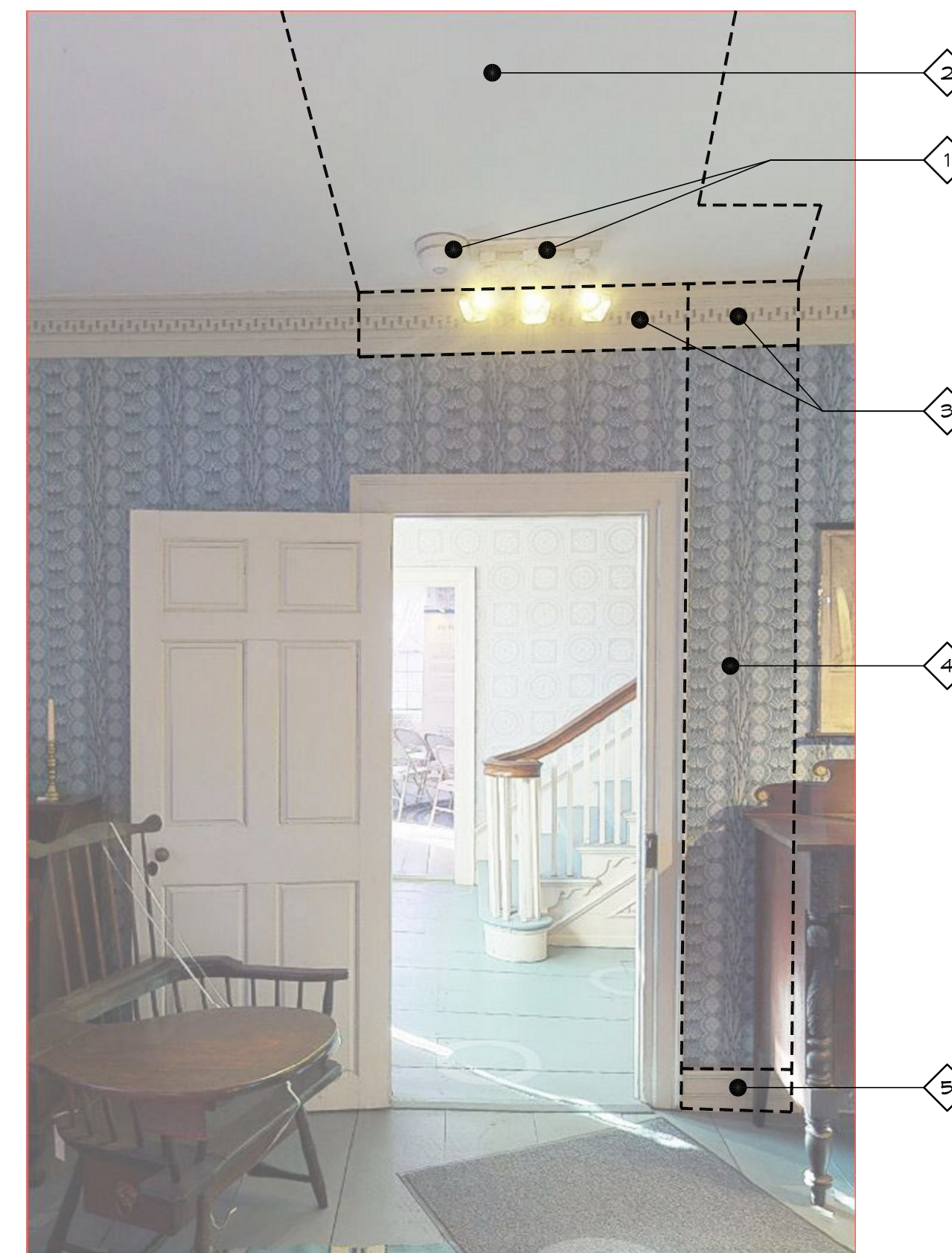
drawing title ENLARGED ELEVATIONS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	project PRUDENCE GRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	scale 1/2" = 1'-0"
	date		drawn by XXX
		approved by XXX	drawing no. A-401
CAD no. A-401_ENLARGED ELEV.dwg	project no. BI-RR-28		



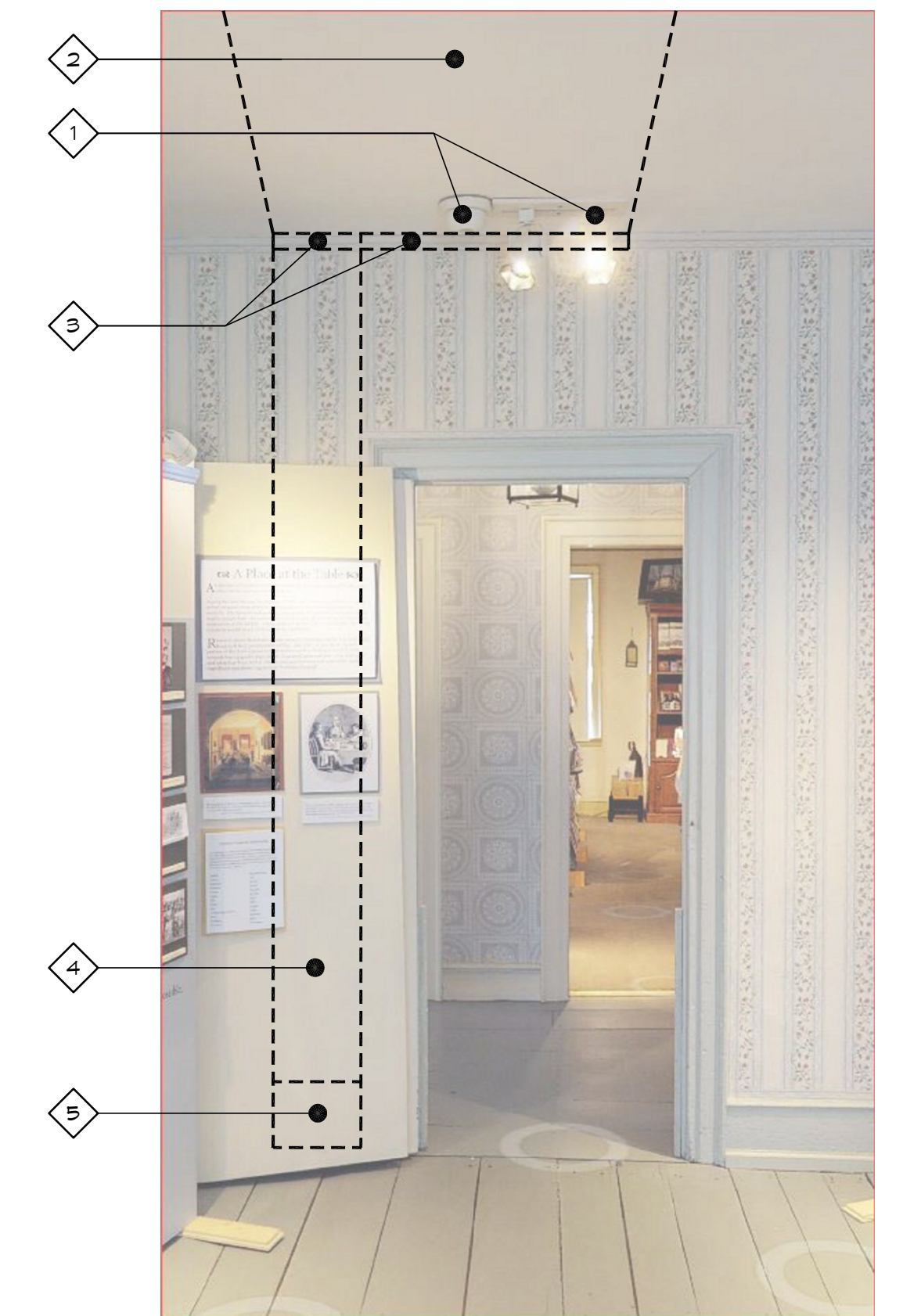
15 ROOM 113 NORTH PHOTOGRAPH
NO SCALE



11 ROOM 112 PHOTOGRAPH
NO SCALE



7 ROOM 111 PHOTOGRAPH
NO SCALE

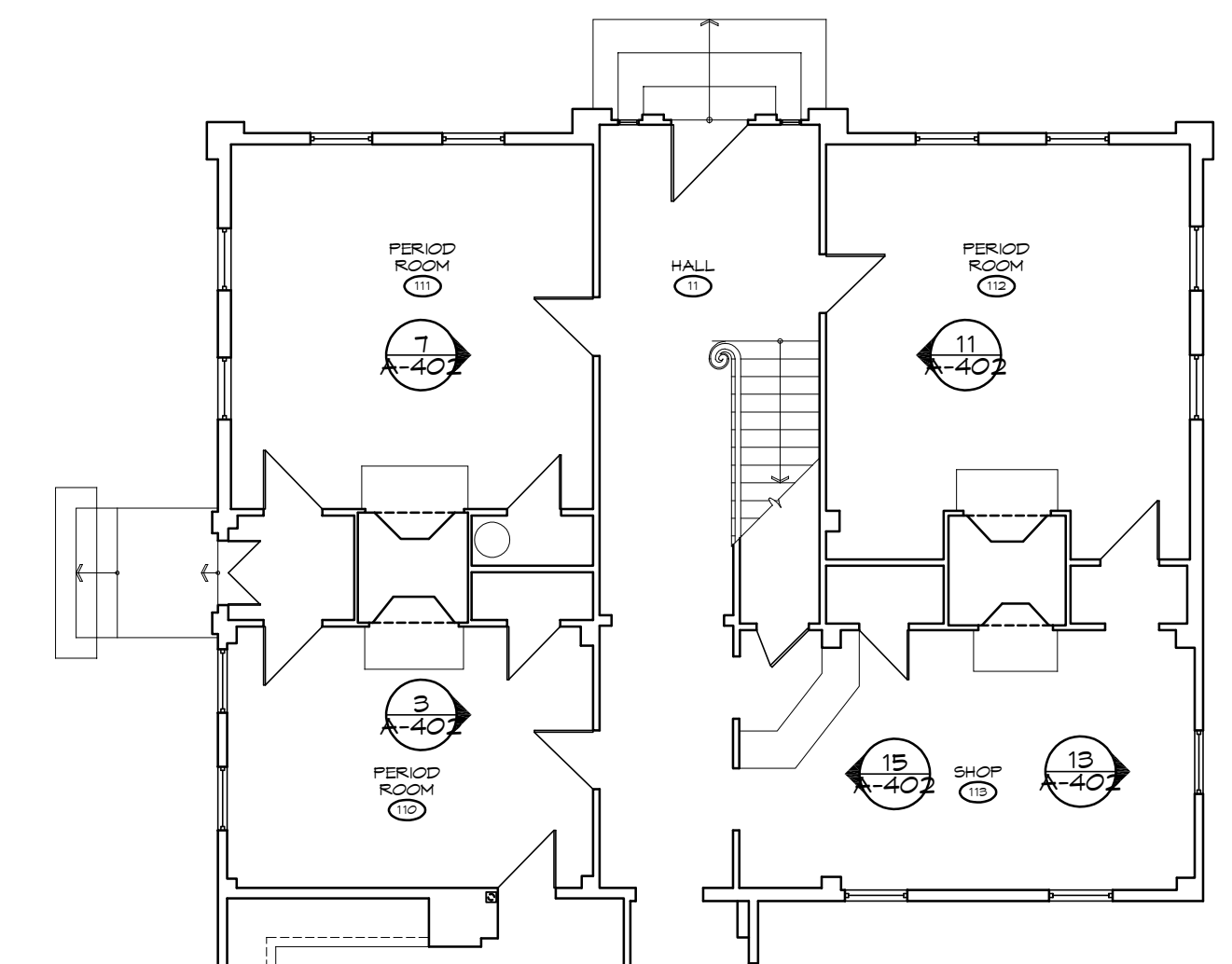


3 ROOM 110 PHOTOGRAPH
NO SCALE



13 ROOM 113 SOUTH PHOTOGRAPH
NO SCALE

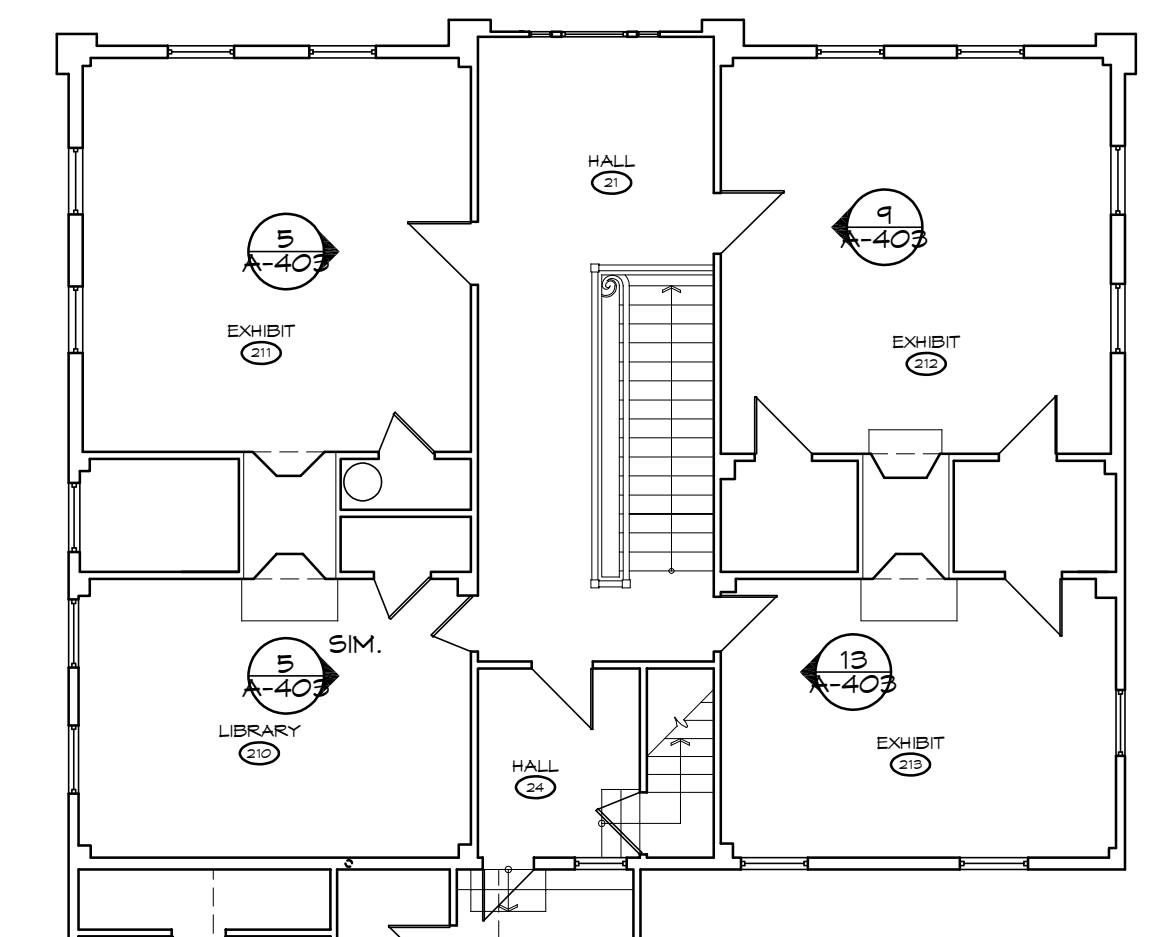
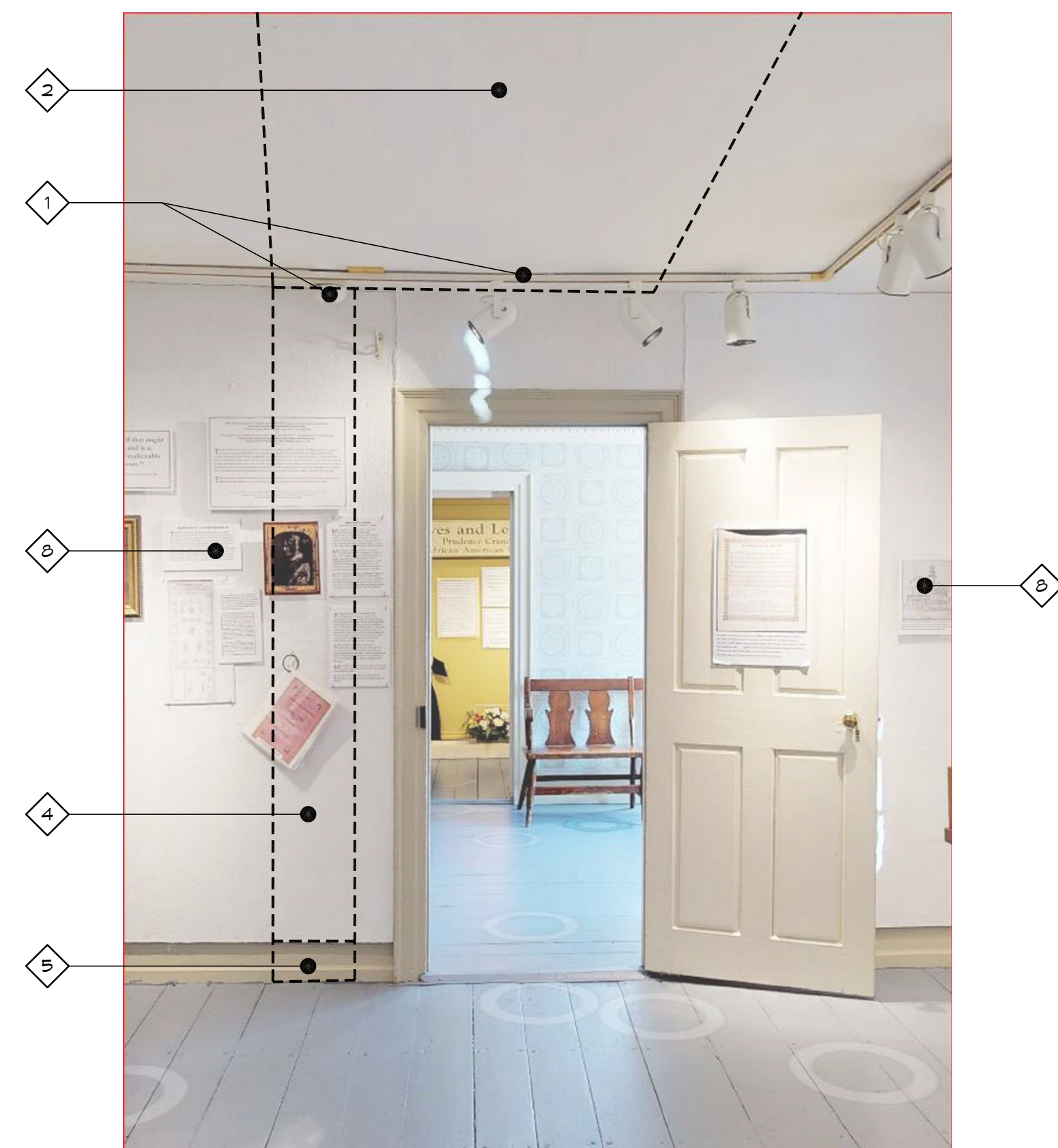
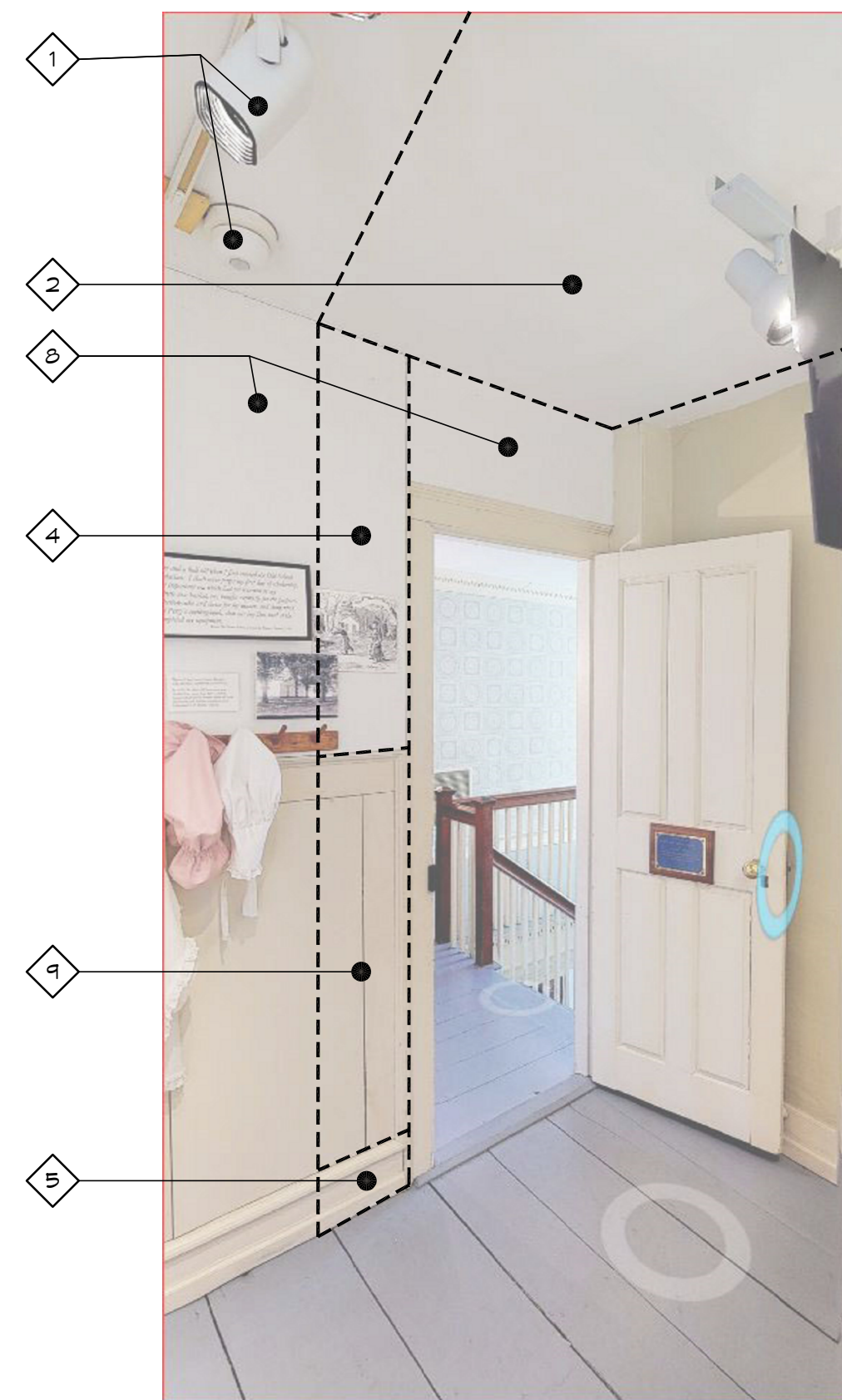
- NOTES**
- 1 TEMPORARILY DISCONNECT AND REMOVE TRACK LIGHTING AND MOTION DETECTOR. REINSTALL AFTER COMPLETION OF WORK.
 - 2 REMOVE CEILING LATH AND PLASTER FROM CORRIDOR WALL TO EXTERIOR WALL AND TO WIDTH DETERMINED TO BE SUFFICIENT TO EASILY ACCESS AND INSTALL REINFORCING FOR STRUCTURAL DRAWINGS.
 - 3 DISMANTLE WOOD TRIM TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO SURFACES AND PERMIT REINSTALLATION AFTER COMPLETION OF THE WORK.
 - 4 REMOVE WALLPAPER (IF PRESENT) LATH AND PLASTER FROM WALL SURFACE TO EXTENT NECESSARY TO INSTALL TUBE STEEL STRUCTURE PER STRUCTURAL DRAWINGS. INSTALL WOOD LATH AND PLASTER FINISH TO REPLICATE ORIGINAL AFTER COMPLETION OF THE WORK. WALLPAPER REPLACEMENT IS BEYOND THE SCOPE OF THIS PROJECT.
 - 5 DISMANTLE WOOD BASE TRIM TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO SURFACES AND PERMIT REINSTALLATION AFTER COMPLETION OF THE WORK. NUMBER AND LABEL DISMANTLED ITEMS FOR EASE IN REASSEMBLY.
 - 6 TEMPORARILY DISCONNECT AND REMOVE THERMOSTAT. REINSTALL AFTER COMPLETION OF WORK.
 - 7 MAKE SAFE AND DISCONNECT ANY WIRING - REMOVE LIGHT VALANCE TO EXTENT NECESSARY TO PERMIT REINSTALLATION AS DIRECTED BY OWNER.
 - 8 REMOVE FULL HEIGHT HOMASOTE PANELS ON WALLS ADJACENT TO CORRIDORS. RESTORE EXISTING PLASTER WALL BEHIND.
 - 9 DISMANTLE TRIM AND DOOR OF EXISTING BUILT IN BELOW ATTIC STAIRS. REPLICATE AS CLOSELY AS POSSIBLE AFTER INSTALLATION OF STEEL COLUMN.



1 KEY PLAN
1/8" = 1'-0"

drawing title REFERENCE PHOTOGRAPHY - FIRST FLOOR		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale XXX	drawn by XXX
CAD no. A-402_PHOTO FIRST FL.dwg	project no. BI-RR-28	approved by XXX	drawing no. A-402

- NOTES**
- 1 TEMPORARILY DISCONNECT AND REMOVE TRACK LIGHTING AND MOTION DETECTOR. REINSTALL AFTER COMPLETION OF WORK.
 - 2 REMOVE CEILING LATH AND PLASTER FROM CORRIDOR WALL TO EXTERIOR WALL AND TO WIDTH DETERMINED TO BE SUFFICIENT TO EASILY ACCESS AND INSTALL REINFORCING FOR STRUCTURAL DRAWINGS.
 - 3 DISMANTLE WOOD TRIM TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO SURFACES AND PERMIT REINSTALLATION AFTER COMPLETION OF THE WORK.
 - 4 REMOVE WALLPAPER (IF PRESENT) LATH AND PLASTER FROM WALL SURFACE TO EXTENT NECESSARY TO INSTALL TUBE STEEL STRUCTURE PER STRUCTURAL DRAWINGS. INSTALL WOOD LATH AND PLASTER FINISH TO REPLICATE ORIGINAL AFTER COMPLETION OF THE WORK. WALLPAPER REPLACEMENT IS BEYOND THE SCOPE OF THIS PROJECT.
 - 5 DISMANTLE WOOD BASE TRIM TO THE EXTENT NECESSARY TO PREVENT DAMAGE TO SURFACES AND PERMIT REINSTALLATION AFTER COMPLETION OF THE WORK.
 - 6 TEMPORARILY DISCONNECT AND REMOVE THERMOSTAT. REINSTALL AFTER COMPLETION OF WORK.
 - 7 MAKE SAFE AND DISCONNECT ANY WIRING - REMOVE LIGHT VALANCE TO EXTENT NECESSARY TO PERMIT REINSTALLATION AS DIRECTED BY OWNER.
 - 8 REMOVE FULL HEIGHT/WIDTH HOMASOTE PANELS ON WALLS ADJACENT TO CORRIDORS. RESTORE EXISTING PLASTER WALL BEHIND.
 - 9 DISMANTLE TRIM AND DOOR OF EXISTING BUILT IN BELOW ATTIC STAIRS. REPLICATE AS CLOSELY AS POSSIBLE AFTER INSTALLATION OF STEEL COLUMN.



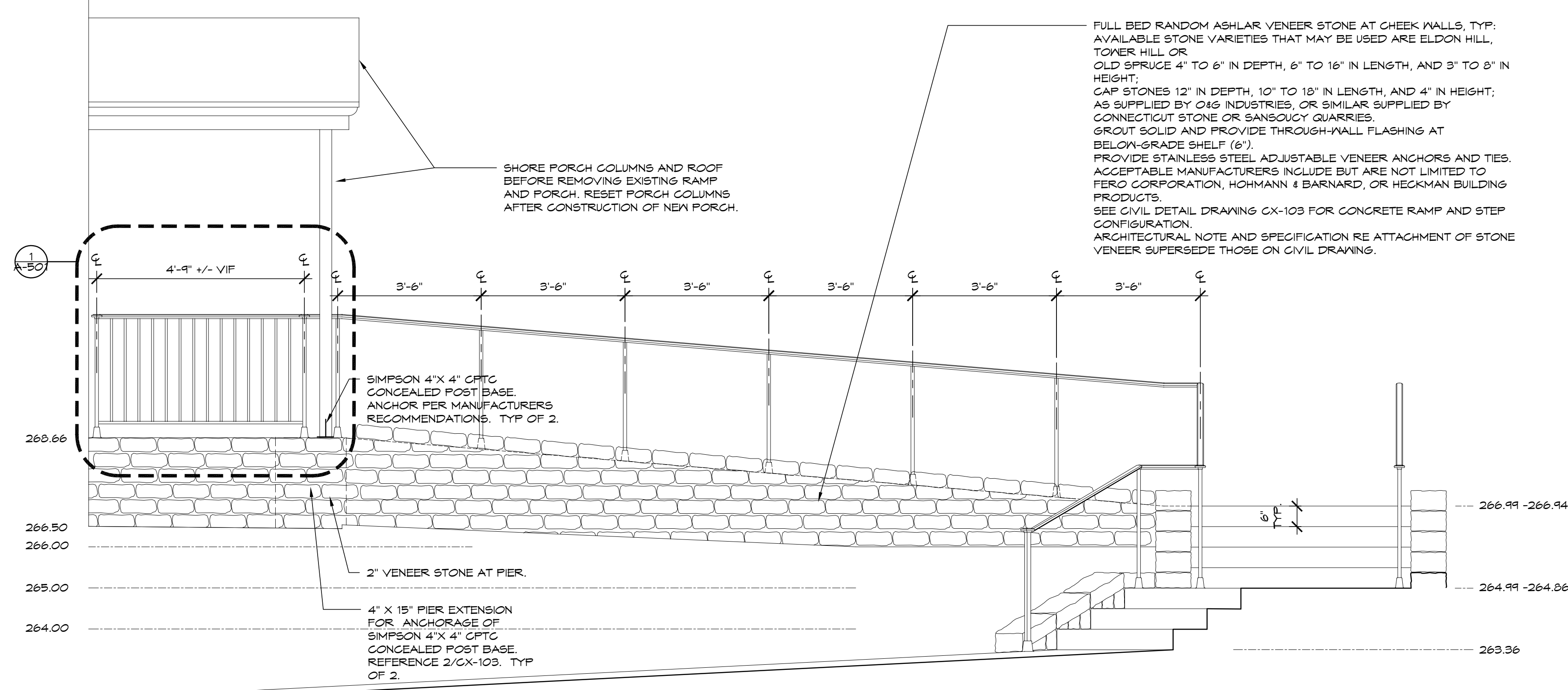
1 KEY PLAN
1/8" = 1'-0"

13 ROOM 213 PHOTOGRAPH
NO SCALE

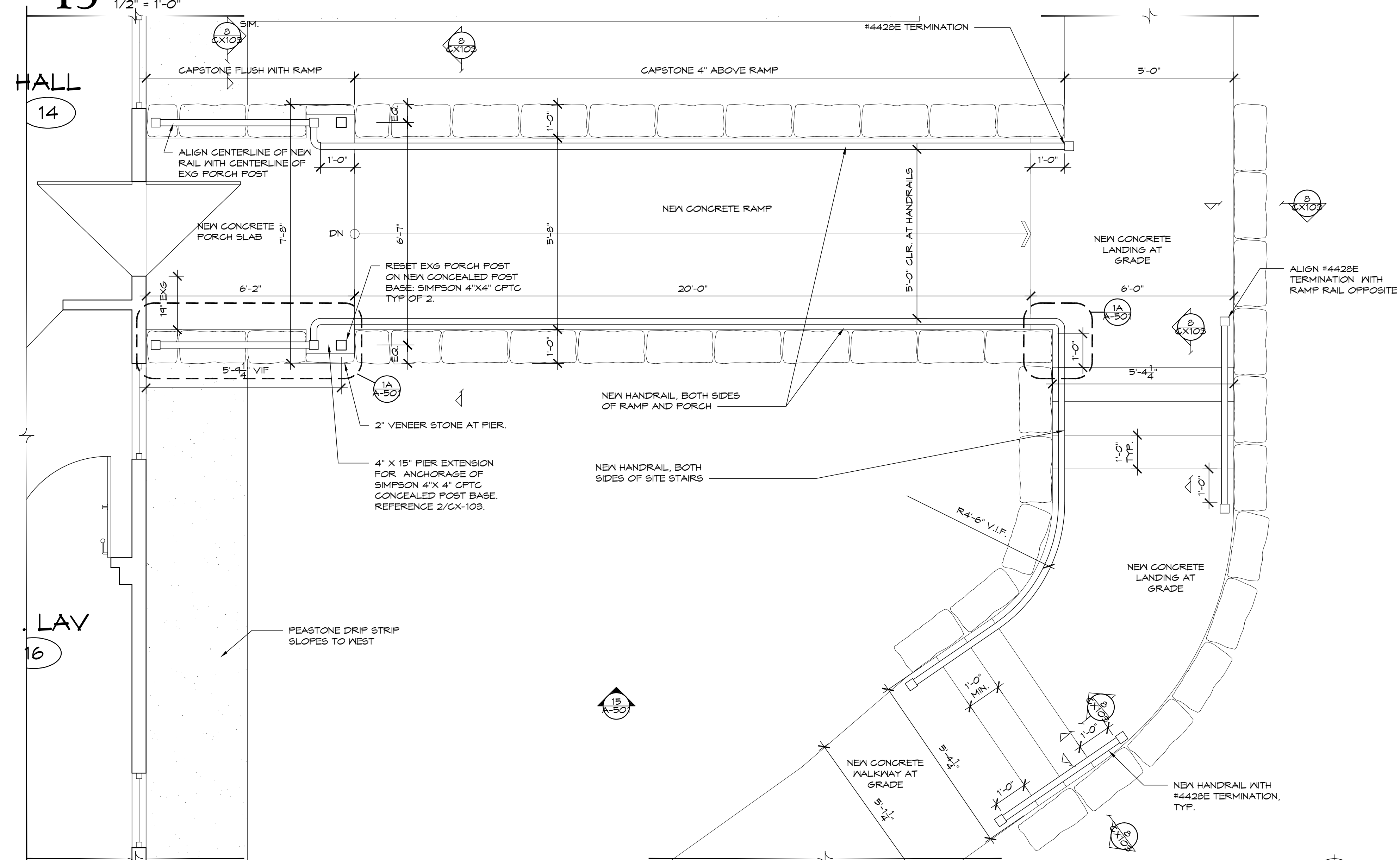
9 ROOM 212 PHOTOGRAPH
NO SCALE

5 ROOM 211 PHOTOGRAPH (210 SIMILAR)
NO SCALE

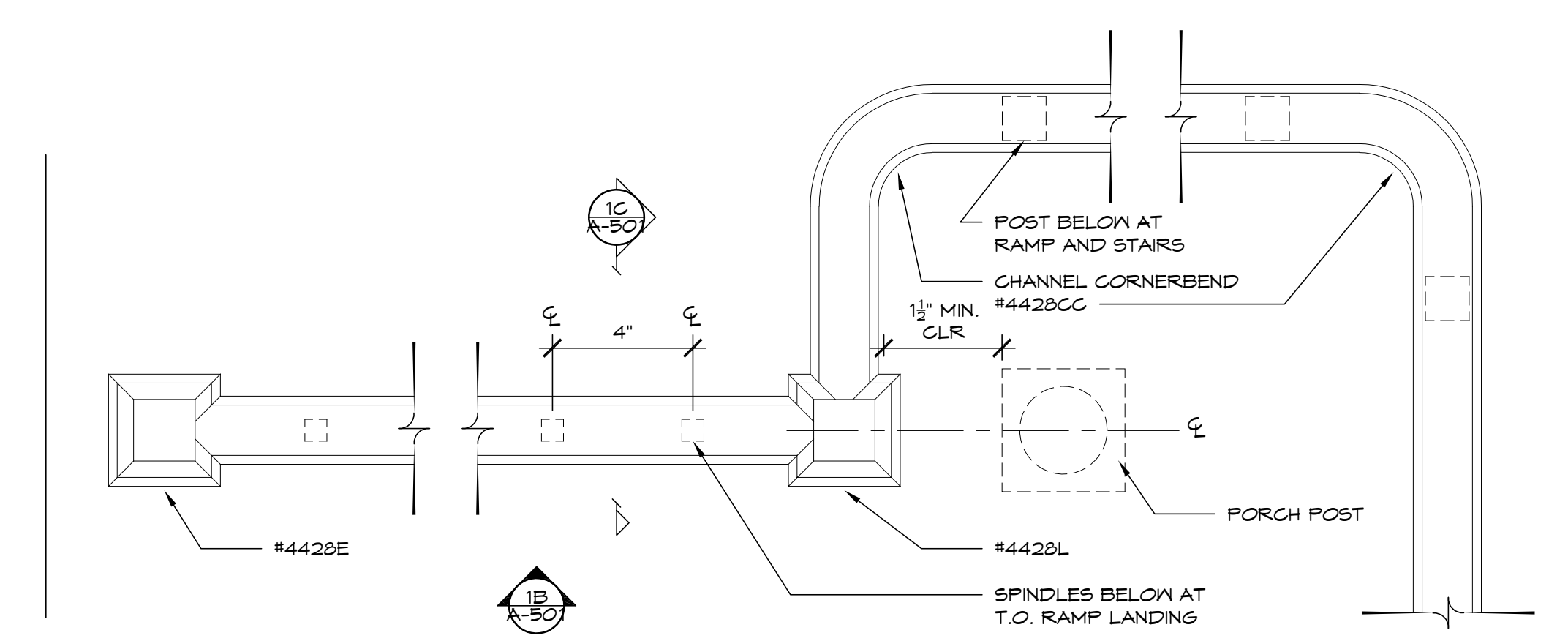
drawing title REFERENCE PHOTOGRAPHY - SECOND FLOOR		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		date 11/19/2019 scale
CAD no. A-403_PHOTO SECOND FL.dwg	project no. BI-RR-28		drawn by XXX approved by XXX drawing no. A-403



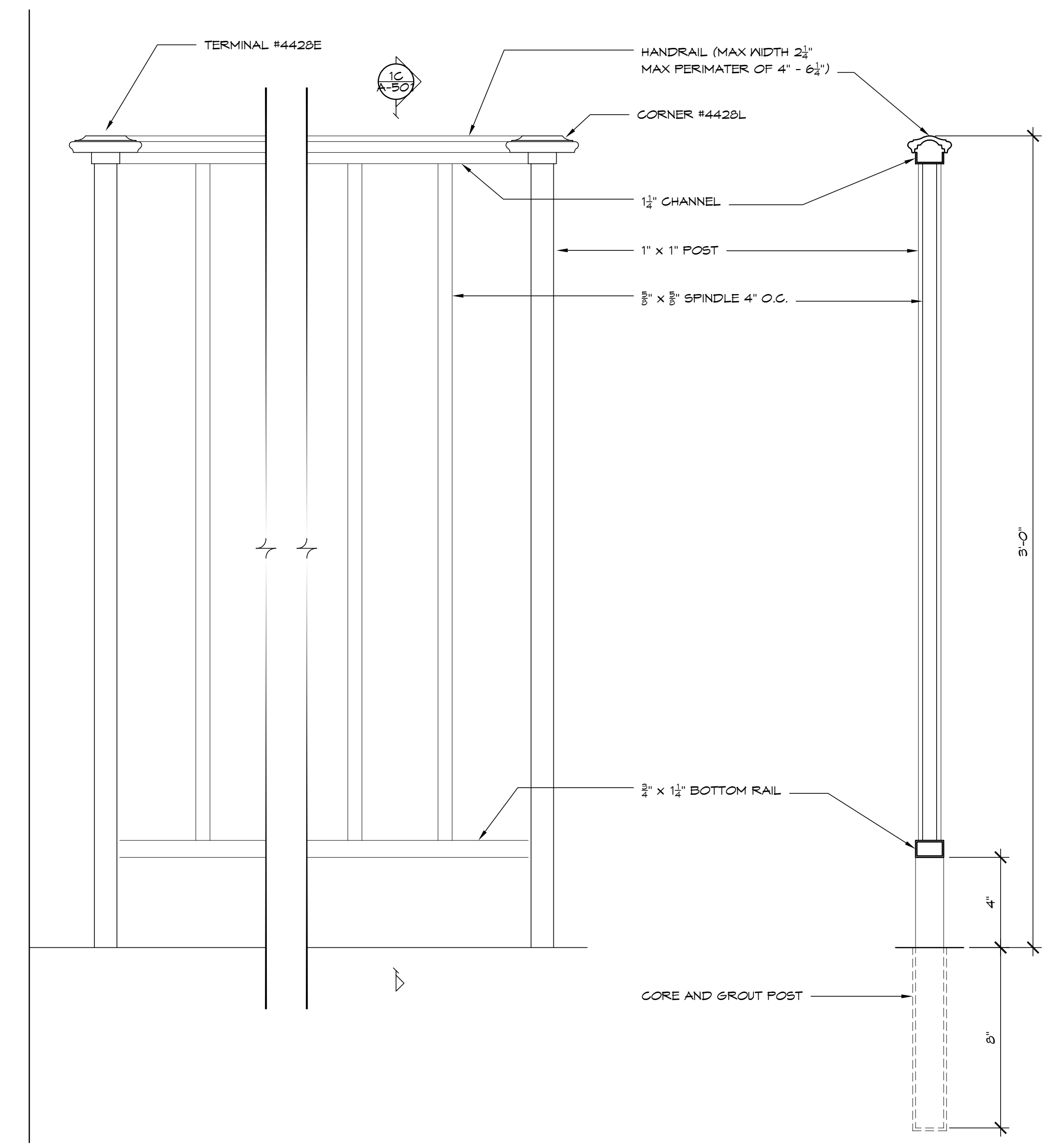
15 RAMP ELEVATION
1/2" = 1'-0"



13 ENLARGED PLAN AT RAMP
1/2" = 1'-0"



(A) PLAN



(B) ELEVATION

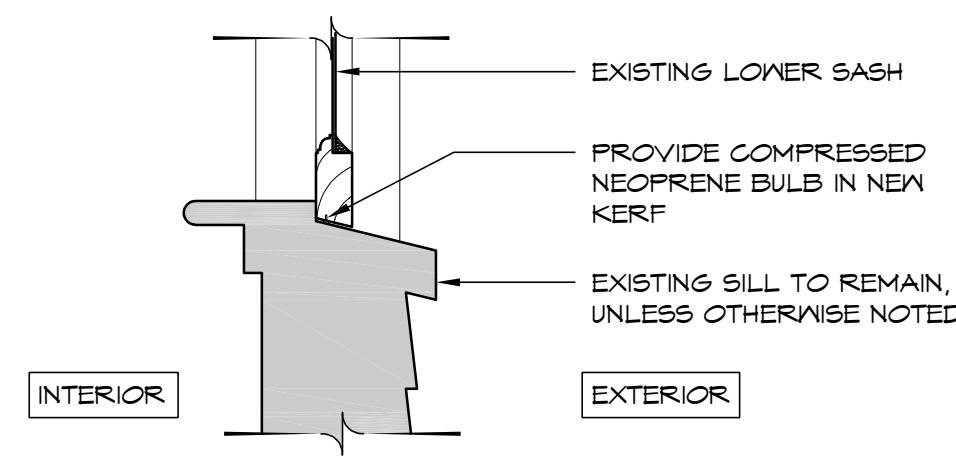
(C) SECTION

1 RAILING DETAILS
3" = 1'-0"

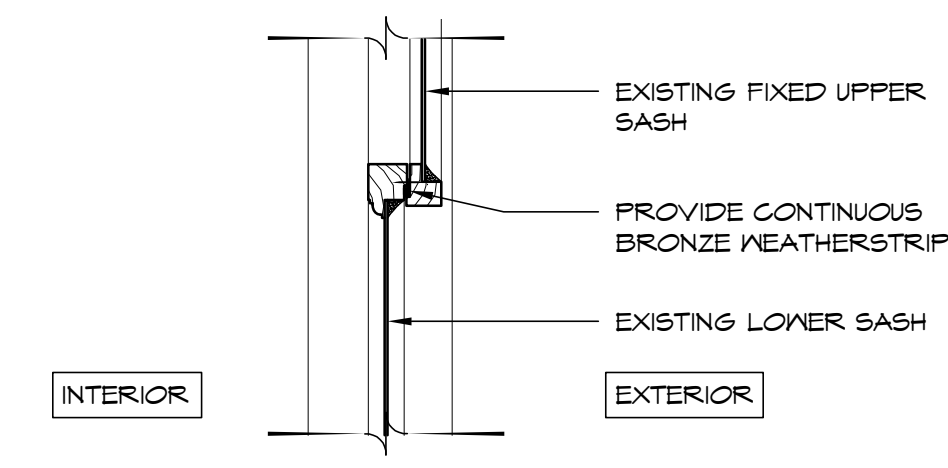
NOTE: BASIS OF DESIGN IS JULIUS BLUM & CO. CATALOG NUMBERS ARE INDICATED. ACCEPTABLE MANUFACTURERS: ARCHITECTURAL IRON DESIGNS, ARCHITECTURAL METAL WORK, OLIN WROUGHT IRON.

NOTE: SEE CX-103 FOR PORCH, RAMP AND SITE STAIR DETAILS.

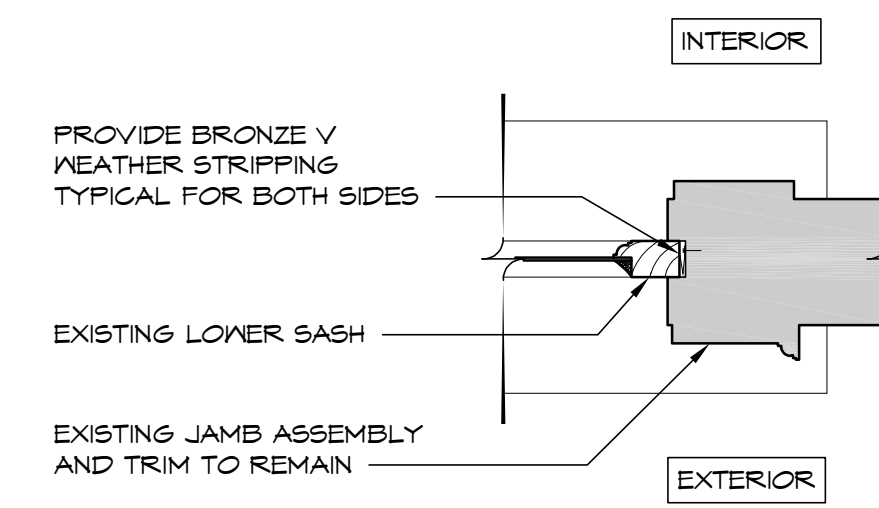
drawing title ENLARGED PLAN AND ELEVATION AT RAMP		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by XXX	scale 1/2" = 1'-0"
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by XXX	drawing no. A-501
CAD no. A-501_RAMP.dwg	project no. BI-RR-28		



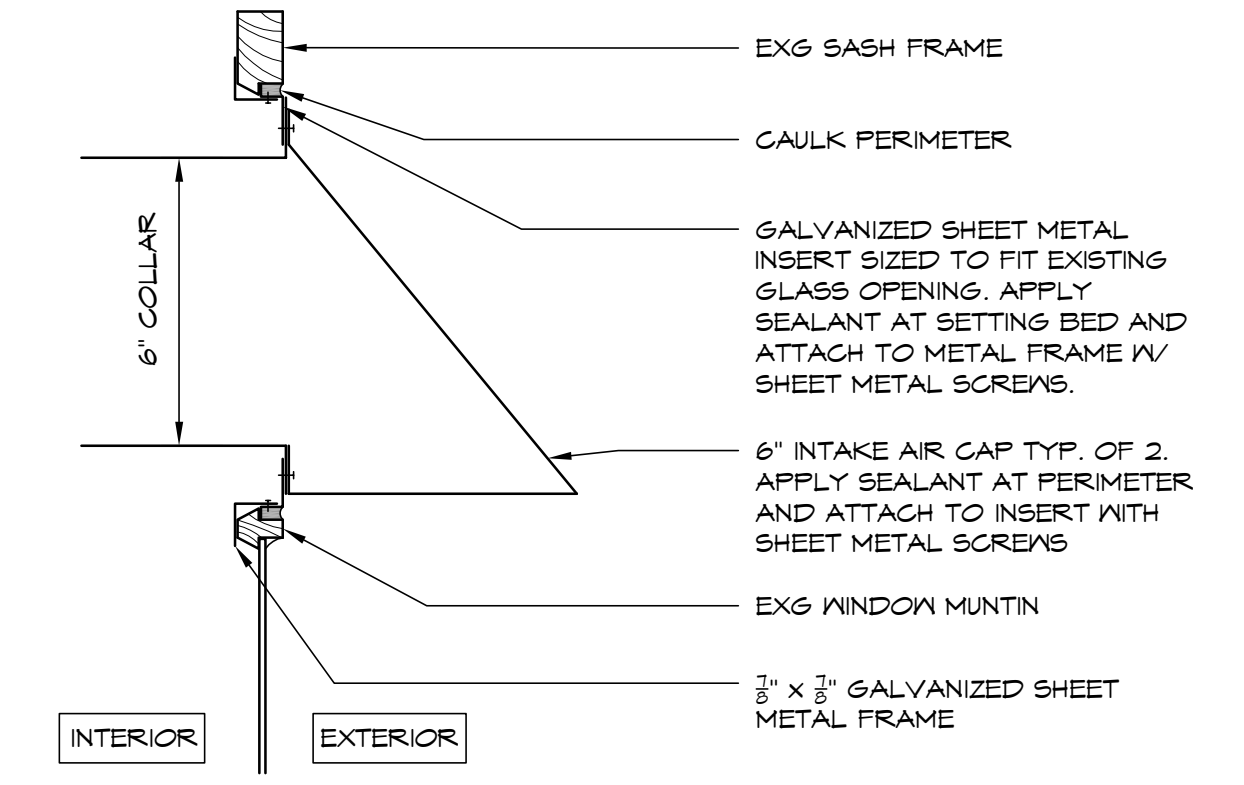
A WEATHER STRIPPING: SILL DETAIL



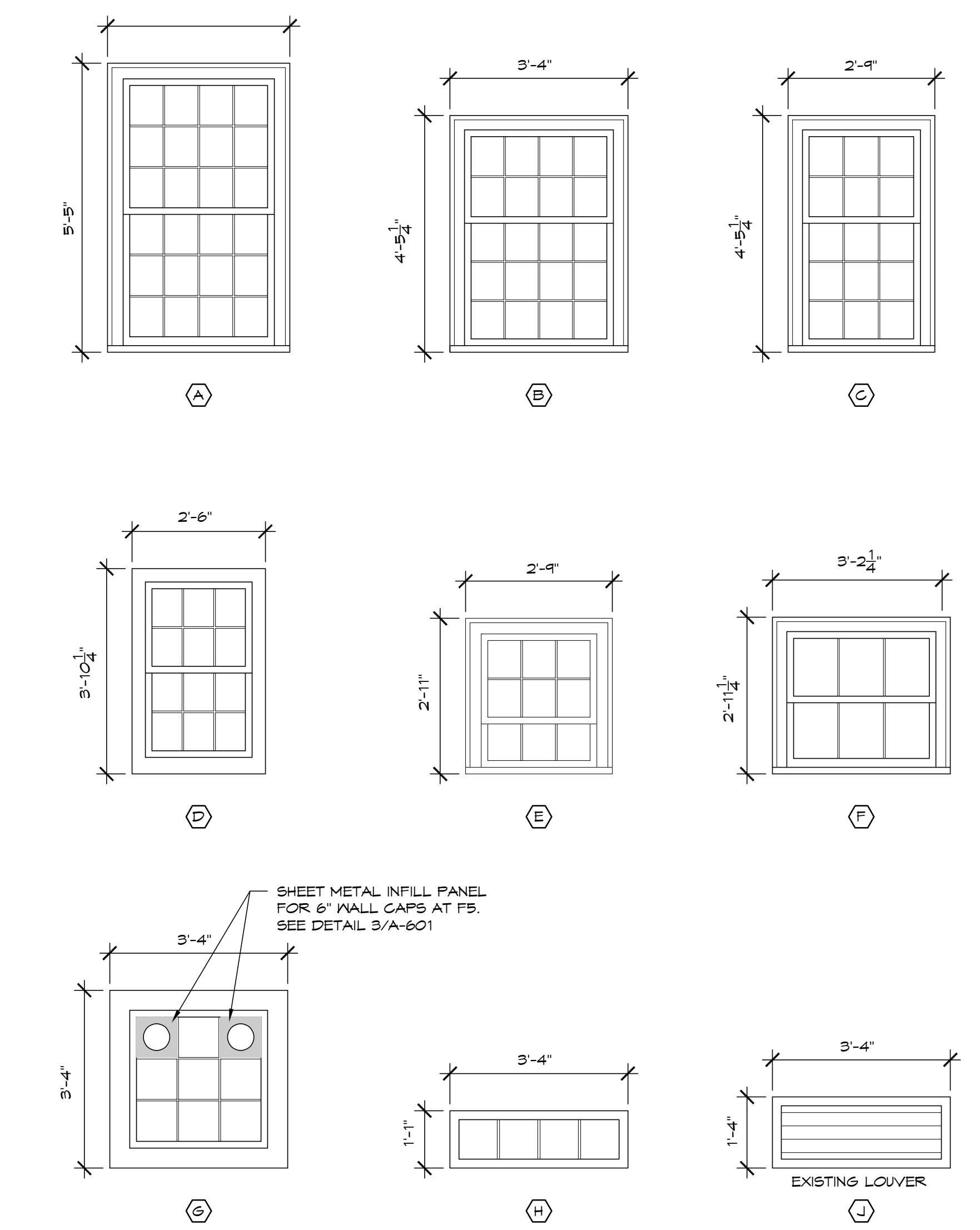
B WEATHER STRIPPING: MEETING RAIL DETAIL



C WEATHER STRIPPING: JAMB DETAIL



3 SECTION at AIR INTAKE CAPS
3" = 1'-0"



1 WINDOW TYPES
1/2" = 1'-0"

16 WINDOW DETAILS
1 1/2" = 1'-0"

WINDOW TAG	WINDOW TYPE	OPERATION	FLOOR LEVEL	WEATHERSTRIPPING	SASH CONDITION			FRAME CONDITION		INT. TRIM			WINDOW OVERALL	
					JOINERY	BOTTOM RAIL	EXTERIOR FINISH	INTERIOR FINISH	EXTERIOR SILL	INTERIOR STOOL	WINDOW STOP	CASING	CONDITION	NOTES
1	A	DH	1											
2	A	DH	1											REFIT DOWELS AT BOTTOM SASH
3	A	DH	1											REFIT DOWELS AT BOTTOM SASH
4	A	DH	1											REFIT DOWELS AT BOTTOM SASH
5	A	DH	2											
6	A	DH	2											
7	A	DH	2											
8	A	DH	2											
9	A	DH	1											
10	A	DH	1											REFIT DOWELS AT BOTTOM SASH
11	A	DH	1											REFIT DOWELS AT BOTTOM SASH
12	A	DH	1											
13	A	DH	2											
14	A	DH	2											
15	A	DH	2											
16	A	DH	2											
17	A	DH	2											
18	B	DH	1											
19	B	DH	1											
20	B	DH	1											
21	F	DH	2											
22	F	DH	2											
23	F	DH	2											
24	C	DH	1											REFIT SILL DOWELS
25	C	DH	1											REFIT SILL DOWELS
26	F	DH	2											
27	F	DH	2											
28	F	DH	2											
29	C	DH	1											
30	B	DH	1											
31	B	DH	1											REFIT SILL DOWELS
32	F	DH	2											
33	F	DH	2											
34	F	DH	2											
35	A	DH	1											
36	A	DH	1											
37	E	DH	2											
38	A	DH	2											
39	A	DH	2											
40	D	DH	A											
41	D	DH	A											REPLICATE BOTTOM SASH
42	A	DH	1											
43	A	DH	1											
44	A	DH	1											
45	A	DH	2											
46	A	DH	2											
47	A	DH	2											
F1	J	FX	C											
F2	H	FX	C	NA										EXISTING METAL LOUVER, OIL FILL TO REMAIN.
F3	H	FX	C	NA										
F4	G	FX	C	NA										TIGHTEN JOINTS AT BOTTOM RAIL
F5	G	FX	C	N										
F6	H	FX	C	N										REPLICATE SASH
F7	H	FX	C	N										REPLICATE SASH

ABBREVIATIONS
 DH DOUBLE HUNG
 FX FIXED
 NA NOT APPLICABLE
 ETR EXISTING TO REMAIN

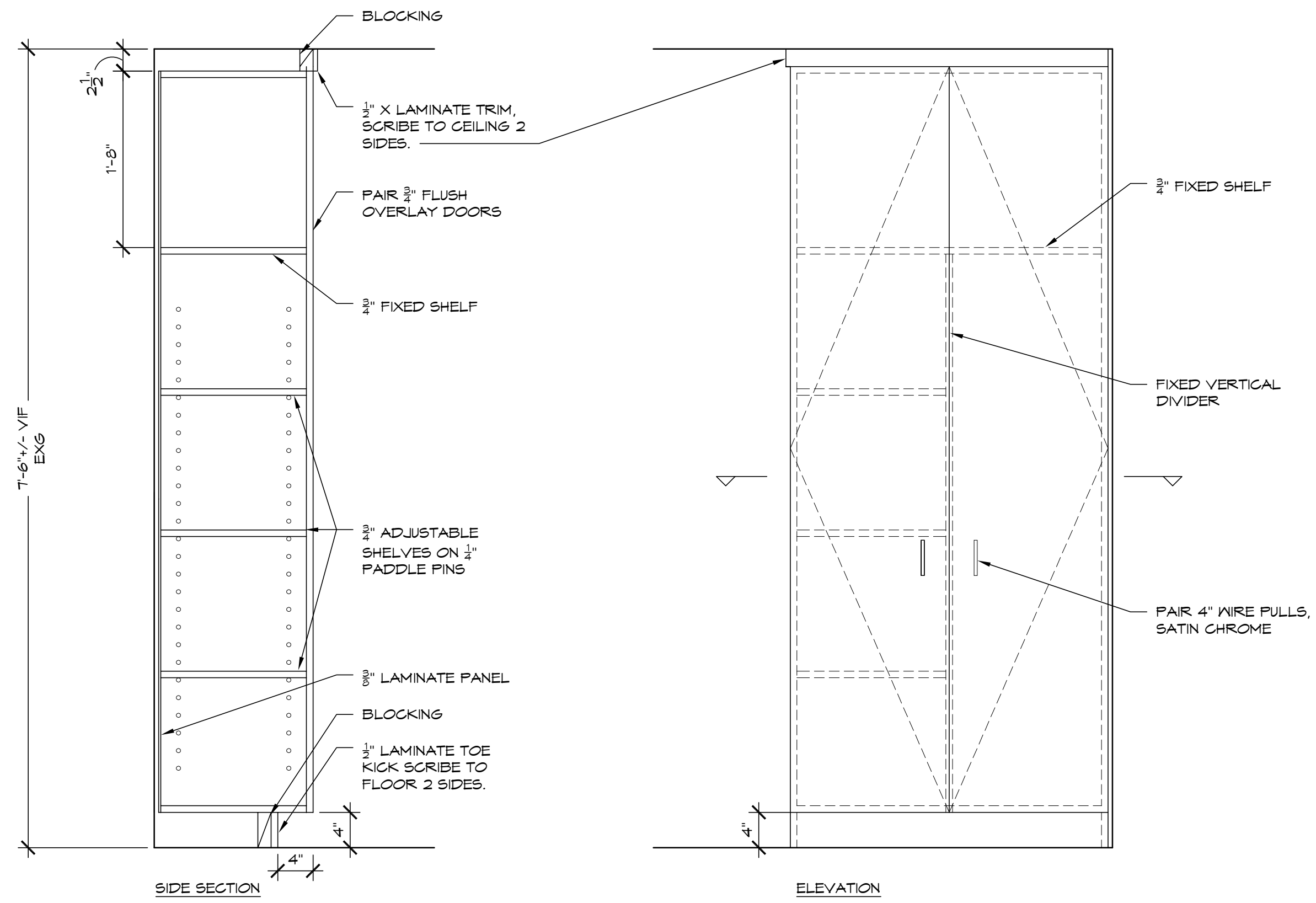
CONDITION
 G GOOD
 F FAIR
 P POOR

FLOOR LEVELS
 A ATTIC
 2 SECOND FLOOR
 1 FIRST FLOOR
 C CELLAR

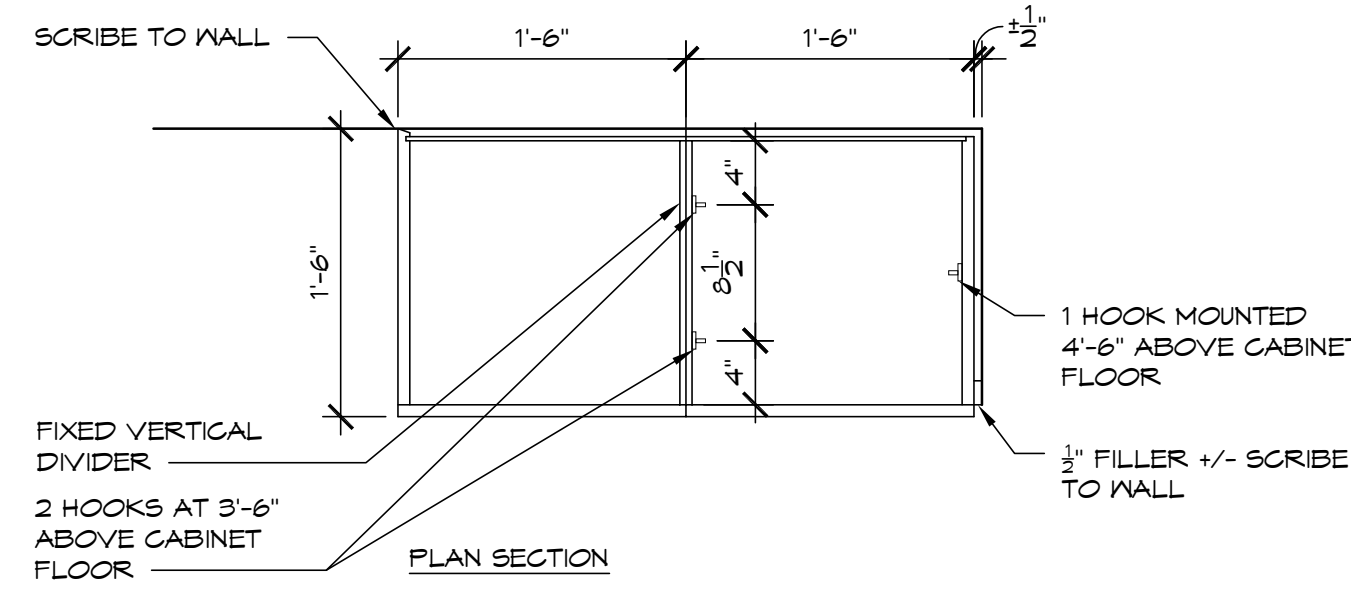
NOTE
 NOT ALL WINDOWS COULD BE INSPECTED.
 CONDITION OF SASH AND FRAME CAN BE ASSUMED
 TO FAIR TO GOOD, UNLESS OTHERWISE NOTED

13 WINDOW SCHEDULE
 NOT TO SCALE

drawing title WINDOW SCHEDULE		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019 scale AS NOTED
	mark	description	drawn by XXX
			approved by XXX
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawing no. A-601	
CAD no. A-601_WINDOW.dwg		project no. BI-RR-28	



- LAMINATE GLAD 3/4\"/>



15 PLAM CABINET DETAIL

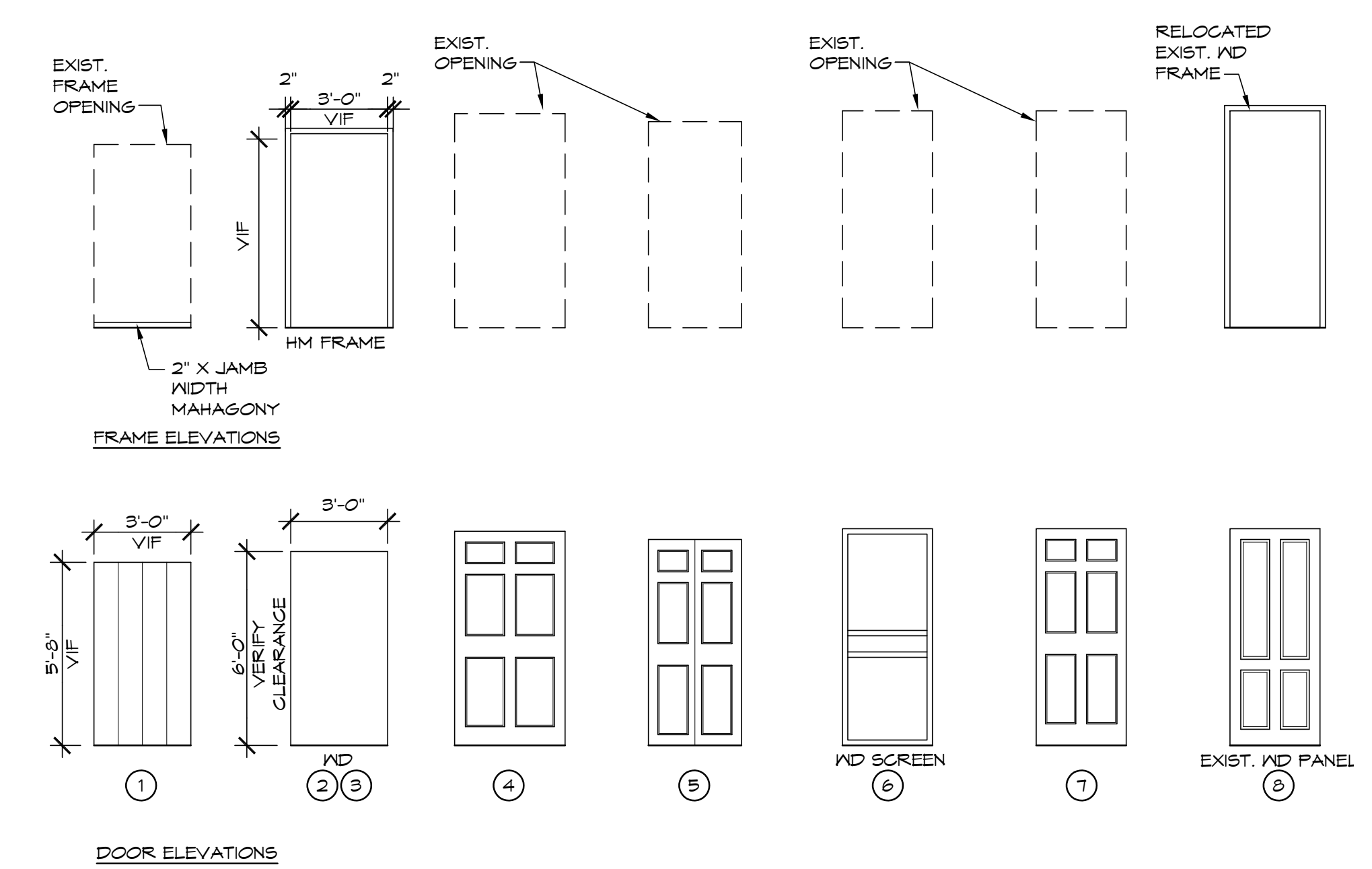
SCALE: 1"=1'-0"

HARDWARE SET 01		(DOORS 2 AND 3)				
3	HINGES	TA2T14 4.5" x 4.5"	U526D (HI-4)	MCKINNEY OR EQUIVALENT BY BOMMER OR STANLEY		
1	OFFICE/ENTRY LOCK	60 B205 LNB	U526D (LO-1)	SARGENT OR EQUIVALENT BY SCHLAGE OR CORBIN RUSSELL		
1	CORE	6300 GMK	U515 (CY-1)	SARGENT OR EQUIVALENT BY SCHLAGE OR CORBIN RUSSELL		
1	SURFACE CLOSER	1431 RUO (STANDARD)	EN (CL-4)	SARGENT OR EQUIVALENT BY SCHLAGE OR CORBIN RUSSELL		
1	DOOR STOP	442	U526D (ST-1)	ROCKWOOD OR EQUIVALENT BY NATIONAL		
3	SILENCER	608-RKY	(ST-1)	ROCKWOOD OR EQUIVALENT BY NATIONAL		
HARDWARE SET 02		(DOOR 6)				
3	HINGES (SPRING LOADED)	3.5" x 3.5" CODY SDO15	U510B	VON MORRIS OR EQUIVALENT BY MCKINNEY OR HAGER		
1	PASSAGE LEVER		U510B	BALDWIN		

14 HARDWARE SCHEDULE

NOT TO SCALE

DOOR TAG	FLOOR	LOCATION	HAND	SIZE	DESCRIPTION	HARDWARE SET	FRAME TYPE	HEAD	JAMB	SILL	RATED	NOTES
1	B	BASEMENT EXTERIOR	LH	3058	NEW VERTICAL BOARD TO MATCH ORIGINAL	EXG	EXG	EXG	EXG	YES		2" X JAMB WIDTH MAHOGANY SILL. REUSE EXG HARDWARE
2	B	BOILER ROOM	LH	3060	NEW SOLID CORE WOOD (CUSTOM SIZE)	01	HM	TYP	TYP	NA		SMOKE PARTITION - SELF CLOSING
3	B	BOILER ROOM	RH	3050	NEW SOLID CORE WOOD (CUSTOM SIZE)	01	HM	TYP	TYP	NA		SMOKE PARTITION - SELF CLOSING. CONFIRM HEIGHT.
4	1	EAST EXTERIOR	RH	3668	RESTORED EXTERIOR	EXG	EXG	EXG	EXG	EXG		WEATHERSTRIPPING-NOTE 1
5	1	NORTH EXTERIOR	LH/RH	3064	RESTORED EXTERIOR / PAIR	EXG	EXG	EXG	EXG	EXG		REMOVE WOOD SHOE AT EXT. WEATHERSTRIPPING-NOTE 1
6	1	PORCH EXTERIOR	RHR	2468	NEW WOOD SCREEN	02	EXG	EXG	EXG	EXG		TOUGHSTONE OR WOODEN SCREEN DOOR CO.
7	1	PORCH EXTERIOR	RH	2468	RESTORED EXTERIOR	EXG	EXG	EXG	EXG	EXG		WEATHERSTRIPPING-NOTE 1
8	1	HC TOILET	RH	3066	RELOCATED EXISTING	EXG	EXG	EXG	EXG	NOTE 2		NOTES 2, 3, 4



1 DOOR AND FRAME ELEVATIONS

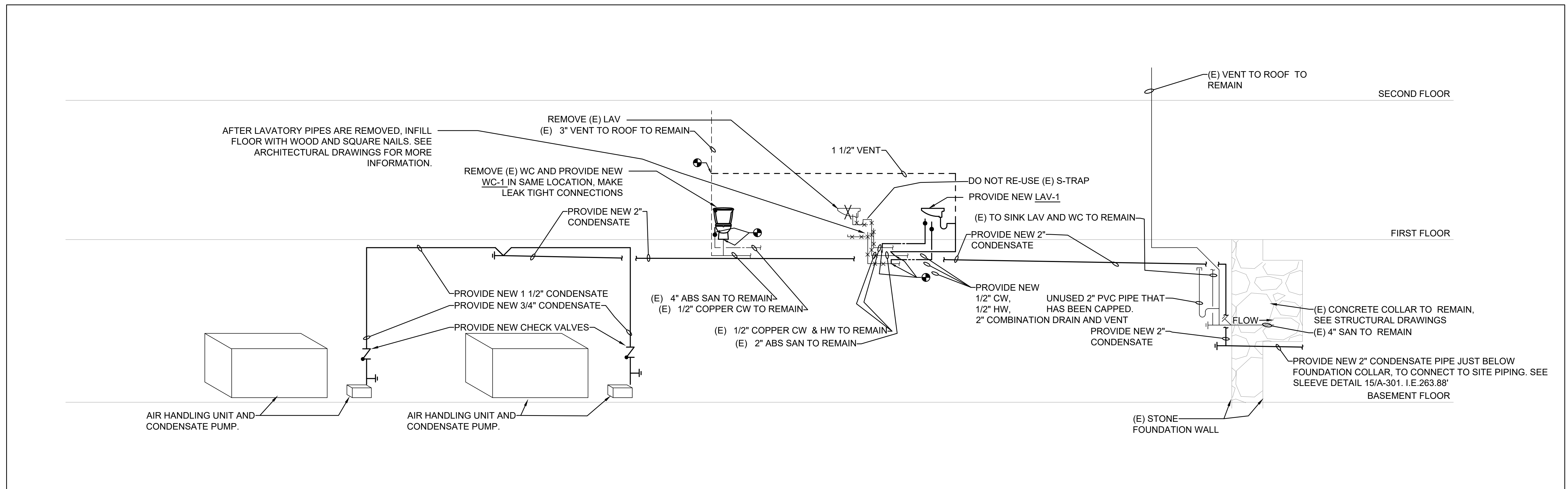
SCALE: 1/4"=1'-0"

13 DOOR SCHEDULE

NOT TO SCALE

- NOTES:
- WEATHERSTRIPPING: SPRING BRONZE HEAD AND JAMB; RECESSED NEOPRENE SNEEP AT DOOR BOTTOM.
 - INSTALL HARDWOOD THRESHOLD: 5" x 1/2", BEVELED EDGES
 - PROVIDE 11" OFFSET GRIP PULL, BHMA J402, 26D, TRIMCO 1191-B OR EQUIVALENT BY ROCKWOOD OR HAGER. INSTALL PER SBC 1109.2.2.1.
 - PROVIDE BOBRICK COAT HOOK B-2116 OR EQUIVALENT BY BRADLEY OR AMERICAN SPECIALTIES.

drawing title DOOR SCHEDULE / CASEWORK DETAILS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by TLB ARCHITECTURE 92 WEST MAIN STREET CHESTER, CT 06412	date 11/19/2019
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by XXX	scale AS NOTED
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by XXX	drawing no. A-602
CAD no. A-602_DOOR.dwg	project no. BI-RR-28		



1 PLUMBING RISER DIAGRAM

N.T.S.

- ### PLUMBING NOTES
- DRAWINGS ARE DIAGRAMMATIC. EXACT LOCATIONS OF ALL PIPING, EQUIPMENT, FIXTURES, ETC. MUST BE FIELD VERIFIED AND SHALL BE INSTALLED TO AVOID OBSTRUCTIONS AND TO ALLOW FOR SERVICE CLEARANCES.
 - PROVIDE ALL PIPING, FITTINGS, VALVES, ETC. FOR COMPLETE AND FUNCTIONAL SYSTEMS.
 - THE WORD "PROVIDE" MEANS TO FURNISH, INSTALL AND CONNECT COMPLETELY TO AN OPERATIONAL AND SAFE STATE.
 - ALL WORK SHALL BE DONE IN A NEAT, WORKMANLIKE MANNER.
 - ALL PIPING AND FITTINGS SHALL BE CONCEALED BEHIND WALLS, CEILINGS, OR FLOORS, EXCEPT IN BASEMENT.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH:
 - 2018 CONNECTICUT STATE BUILDING CODE
 - 2015 INTERNATIONAL BUILDING CODE
 - 2015 INTERNATIONAL PLUMBING CODE
 - 2015 INTERNATIONAL ENERGY CONSERVATION CODE
 - 2015 INTERNATIONAL MECHANICAL CODE
 - STATE'S INSURANCE UNDERWRITER.
 - IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES, INCLUDING (BUT NOT LIMITED TO), ELECTRICAL, HVAC PROCESS PIPING, SPRINKLER, PLUMBING, STRUCTURAL, AND GENERAL ARCHITECTURE.
 - CLEANOUTS SHALL BE INSTALLED AS SHOWN, AND AS REQUIRED BY PLUMBING CODE.
 - CUT OPENINGS IN WALLS, FLOORS AND CEILINGS TO FACILITATE PLUMBING WORK. DO NOT CUT STRUCTURE WITHOUT CONFIRMING WITH ARCHITECT.

PLUMBING SYMBOL LIST

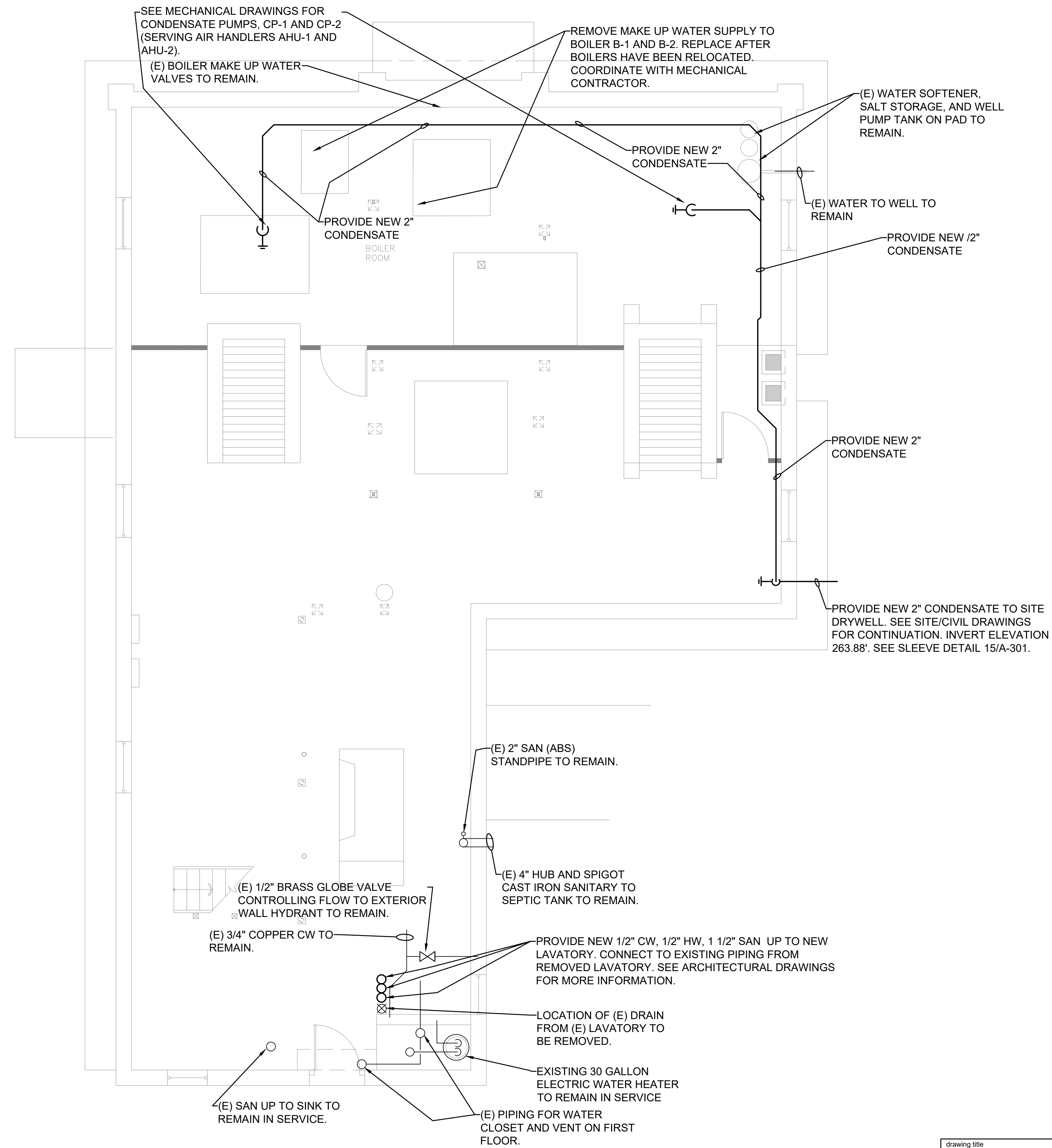
SYMBOL	DESCRIPTION
	PIPING OR EQUIPMENT TO BE PROVIDED (HEAVY LINEWEIGHT)
	EXISTING PIPING OR EQUIPMENT TO REMAIN (LIGHT LINEWEIGHT)
	EXISTING PIPING TO BE REMOVED AND LEGALLY DISPOSED OF
	STORM OR SANITARY PIPE ABOVE FLOOR/SLAB
	STORM OR SANITARY PIPE BELOW FLOOR/SLAB
	SANITARY VENT PIPE
	COLD WATER PIPING
	HOT WATER PIPING
	PIPE RISE OR UP THRU FLOOR
	PIPE DROP OR DOWN THRU FLOOR
	BOTTOM OF PIPE TAKE-OFF CONNECTION
	TOP OF PIPE TAKE-OFF (BRANCH) CONNECTION
	P-TRAP
	PIPE CAP OR PLUGGED FITTING
	CLEANOUT (CO)
	UNION
	GATE VALVE
	BALL VALVE
	PIPE LINE BROKEN FOR CLARITY OF READING DRAWING
	NON FREEZE WALL HYDRANT
	PLUMBING FIXTURE STOP
	DRAINAGE AIR GAP
	CONNECT PROVIDED PIPING TO EXISTING PIPING

PLUMBING ABBREVIATION LIST

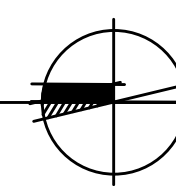
NOTE: NOT ALL ABBREVIATIONS ARE USED

ABBREVIATION	DESCRIPTION
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
CO	CLEANOUT
COND	CONDENSATE
CW	COLD WATER (POTABLE)
DN	DOWN (PENETRATES FLOOR)
(E)	EXISTING
HW	HOT WATER (POTABLE)
LAV-*	LAVATORY (* INDICATES TYPE, SEE FIXTURE SCHEDULE)
NTS	NOT TO SCALE
SAN	SANITARY
TYP	TYPICAL
WC-*	WATER CLOSET (* INDICATES TYPE, SEE FIXTURE SCHEDULE)

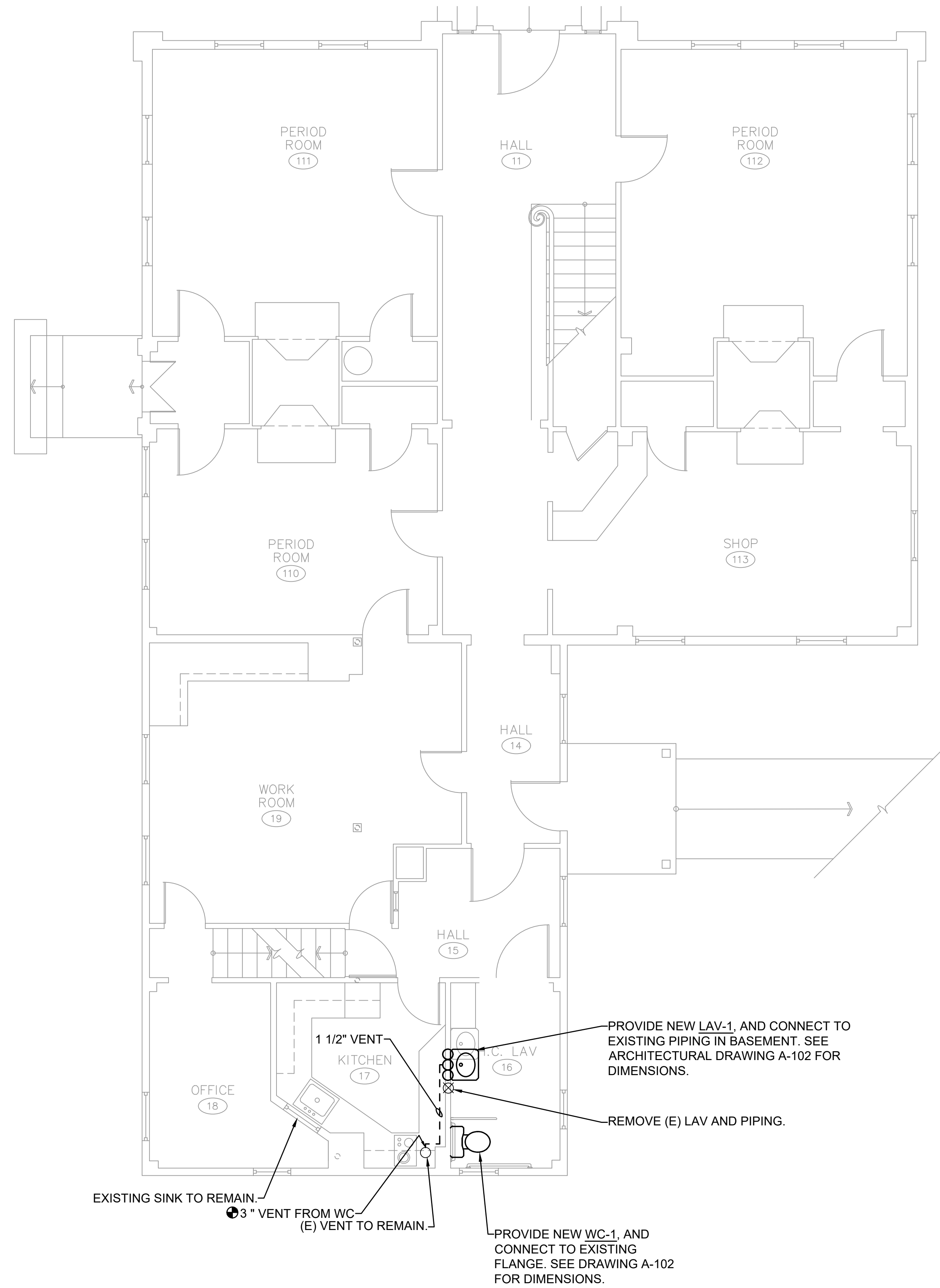
drawing title PLUMBING SYMBOLS, NOTES, SCHEDULES AND RISER		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		date 11/19/2019 scale 1/4" = 1'-0"
CAD no P-001 Plumbing Symbols, Notes, Schedules and Riser		project no. BI-RR-28	drawn by SAC approved by TEN drawing no. P-001



1 BASEMENT PLAN
1/4" = 1'-0"

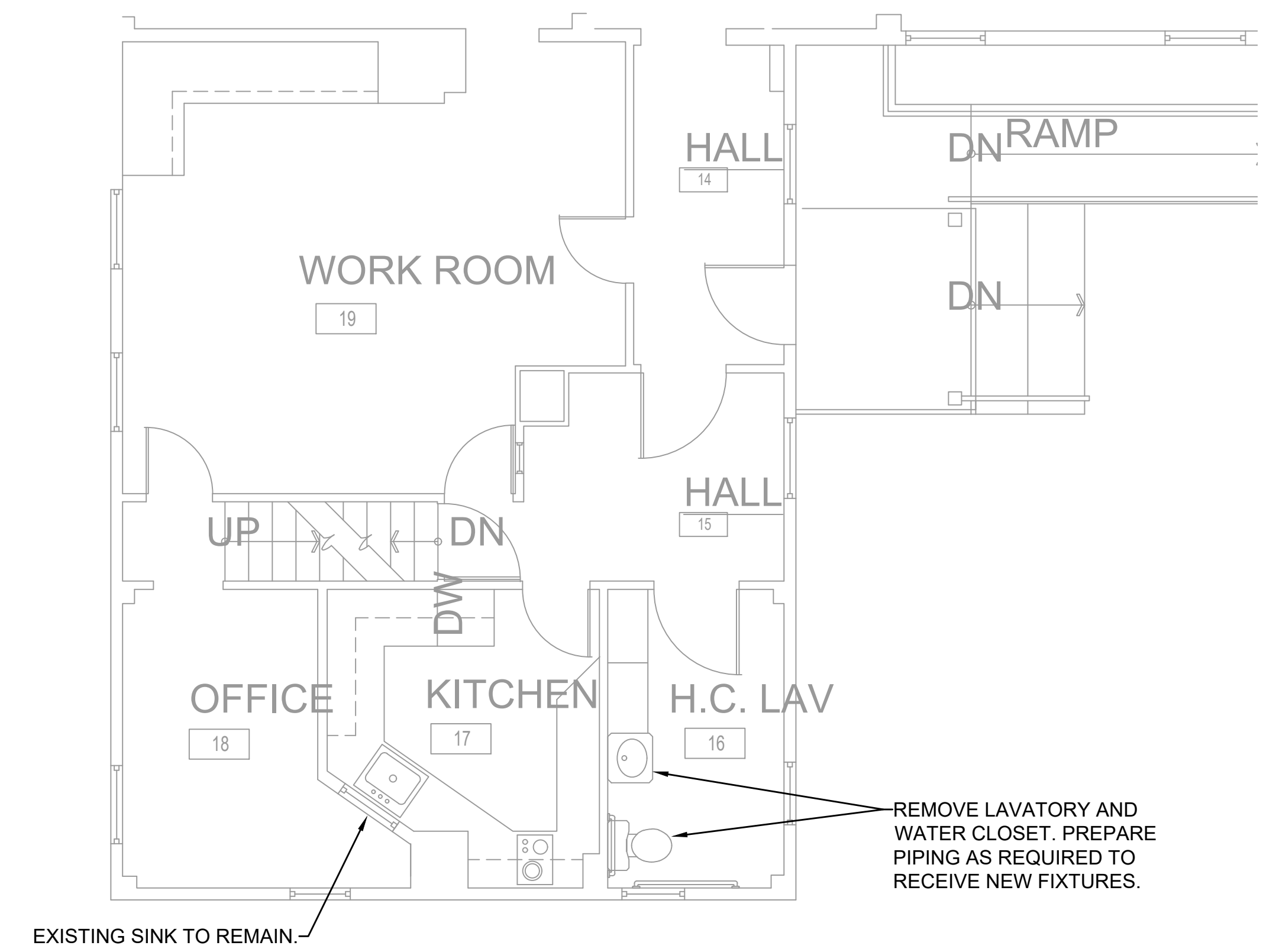


drawing title BASEMENT PLUMBING PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		date 11/19/2019
	mark	date	description
drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855		scale 1/4" = 1'-0"	
project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by SAC	
CAD no. P-100 Basement Plumbing Plan		project no. BI-RR-28	
		approved by TEN	
		drawing no. P-100	



2 FIRST FLOOR PLAN
1/4" = 1'-0"

NOTE: THERE IS NO PLUMBING WORK ON THE SECOND FLOOR OR ATTIC.



1 PARTIAL FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"

drawing title FIRST FLOOR PLUMBING PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	date 11/19/2019
			scale 1/4" = 1'-0"
		project PRUDENCE CRANDALL MUSEUM RENOVATIONS	drawn by SAC
		1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	approved by TEN
CAD no. P-101 First Floor Plumbing Plan	project no. BI-RR-28		drawing no. P-101

AIR HANDLER UNIT SCHEDULE

System Tag	Room Name	Max. dimensions WxLxH	Type	Cooling Design Entering Temp DB/WB (°F)	Heating Design Entering Temp DB/WB (°F)	DX Cooling Coil		Hot Water Coil		Estimated Cooling Coil LAT (°F)	Estimated Heating Coil LAT (°F)	Refrig Pipe Dim Liquid/Suction (inch)	Peak Fan Airflow (cfm)	Max Fan ESP Setting 208V/230V (IN WG)	Voltage / Phase	Fan BHP	Electrical MCA/MOCP
						Cooling Total Capacity (BTU/h)	Cooling Sensible Capacity (BTU/h)	HW flow (GPM)	HWC Heating Capacity (BTU/h)								
AHU-1	Main House	4'-9"x4'x4"x2'-10"	Horizontal	75.2 / 66.2	65.6	65250	42210	13.0	128020	63.7 / 60.4	99.7	3/8 / 1-1/8	3400	1.0	208/230/1-phase	2	17.6 / 30
AHU-2	Office Addition	3'-9"x3'x6"x1'-10"	Horizontal	75.0 / 65.1	66.8	46090	30510	5.2	51600	59.3 / 56.9	92.8	3/8 / 7/8	1800	1.0	208/230/1-phase	0.8	13.2 / 20

Notes & Options:
 1 Provide capacities shown
 2 Nominal capacity is not acceptable
 3 See outdoor unit schedule for outdoor ambient conditions, connected capacity, and other factors associated with corrected capacities

AIR CONDITIONING UNIT SCHEDULE

System Tag	Tag Reference	Cooling Efficiency [SEER]	Design Cooling Outdoor Temp DB (°F)	Nominal Cooling Total Capacity (BTU/h)	Inverter Driven Compressor Type / Quantity	Electrical-Per Module			Notes / Options
						208/230 Voltage / Phase	MCA 208/230	MOCP	
AC-1	AHU-1	20	95.0	60000	SCROLL/VAR	208/230V / 1-phase 3-wire	35	50	1
AC-2	AHU-2	20	95.0	48000	SCROLL/VAR	208/230V / 1-phase 3-wire	35	50	1

Notes & Options:
 1 Provide Long Line Underground Application: Included TXV, Accumulator, Crankcase Heater and Hard Start Kit.

PRIMARY / SECONDARY PIPING HEADER / AIR SEPARATOR SCHEDULE

MARK	TYPE	DESIGNATION	UNIT						REMARKS
			SURF. AREA SQ.FT.	MAX. FLOW GPM	DIA INCH	HEIGHT INCH	PIPE SIZE INCH	WEIGHT LBS	
AS-1	LOW LOSS HEADER - AIR SEPARATOR	HW SYSTEM	7.7	63.0	6-5/8	15-3/4	2	130	1

REMARKS:
 1) PROVIDE UNIT WITH 304 S.S. COALESCENCE PALL RINGS.

PUMP SCHEDULE

MARK	TYPE	DESIGNATION	PUMP				HOT WATER			REMARKS		
			RPM	CASING	FLANGE INCH	WEIGHT LBS	MOTOR HP	VOLT/PH/HZ	Temp (°F)		GPM	HEAD (FT.H2O)
P-1	IN-LINE	HW - PRIMARY B-1	1760	CAST IRON	1-1/2	13	1/5	115/1/60	180	21	12	1
P-2	IN-LINE	HW - PRIMARY B-2	1760	CAST IRON	1-1/2	13	1/5	115/1/60	180	16	13	1
P-3	IN-LINE	HW - SECONDARY	1760	CAST IRON	1-1/2	12	3/4	115/1/60	180	18.2	26	1,2

REMARKS:
 1) PROVIDE DISCONNECT SWITCH
 2) ECM MOTOR

DEHUMIDIFIER UNIT SCHEDULE

Indoor Unit		MECHANICAL DEHUMIDIFIER UNIT	DH-1		MECHANICAL DEHUMIDIFIER UNIT	DH-2	
Service Area	Model		AHU-1			AHU-2	
			Mechanical Refrigerant		Mechanical Refrigerant		
			Indoor		Indoor		
			Hot Gas Reheat		Hot Gas Reheat		
Airflow	CFM		210		210		
ESP	in WC		0.2		0.2		
EAT	deg		75		75		
LAT	deg		85		85		
Filter			1" Pleated (1)		1" Pleated (1)		
Relative Humidity	%		60		60		
Pints / day			68		68		
Electrical	V/ph/Hz		120/1/60		120/1/60		
MCA	A		6.7		6.7		
MOP	A		15		15		
NOTES:			2		2		

Notes:
 1 Supply and Return ducted connection to AHU Return duct.
 2 Provide dedicated electrical Outlet.

COMBUSTION AIR FAN SCHEDULE

MARK	Type	MFR	MODEL	CFM	E.S.P. (IN W.G.)	ELECTRICAL		OPER WT (LBS)	dBA
						H.P.	VOLT/PH/HZ		
CAF-1	Floor Standing Wall Mounted Inline Duct	Field Control Tjernlung Products Fantech	CAS-3 PAI-4 FG4XL	130	0.200	-	115/1/60	-	-
CAF-2	Floor Standing Wall Mounted Inline Duct	Field Control Tjernlung Products Fantech	CAS-3 PAI-4 FG4XL	80	0.120	-	115/1/60	-	-

REMARKS:
 1.) PROVIDE DISCONNECT SWITCH.
 2.) INTERLOCK CAF WITH DEDICATED BURNER.
 3.) PROVIDE 6" WALL CAP WITH BIRDSCREEN.

CONDENSATE PUMP SCHEDULE

MARK	TYPE	DESIGNATION	PUMP				ELECTRICAL			Performance		REMARKS
			RPM	CASING	Tank size Gal	WEIGHT LBS	MOTOR HP	AMPS	VOLT/PH/HZ	GPH	HEAD (FT.H2O)	
CP-1	Cond. Drain Pump	AHU-1, DH-1	-	ABS	1	8.2	1/18	2.5	115/1/60	210	9'	1
CP-2	Cond. Drain Pump	AHU-2, DH-2	-	ABS	1	8.2	1/18	2.5	115/1/60	210	9'	1

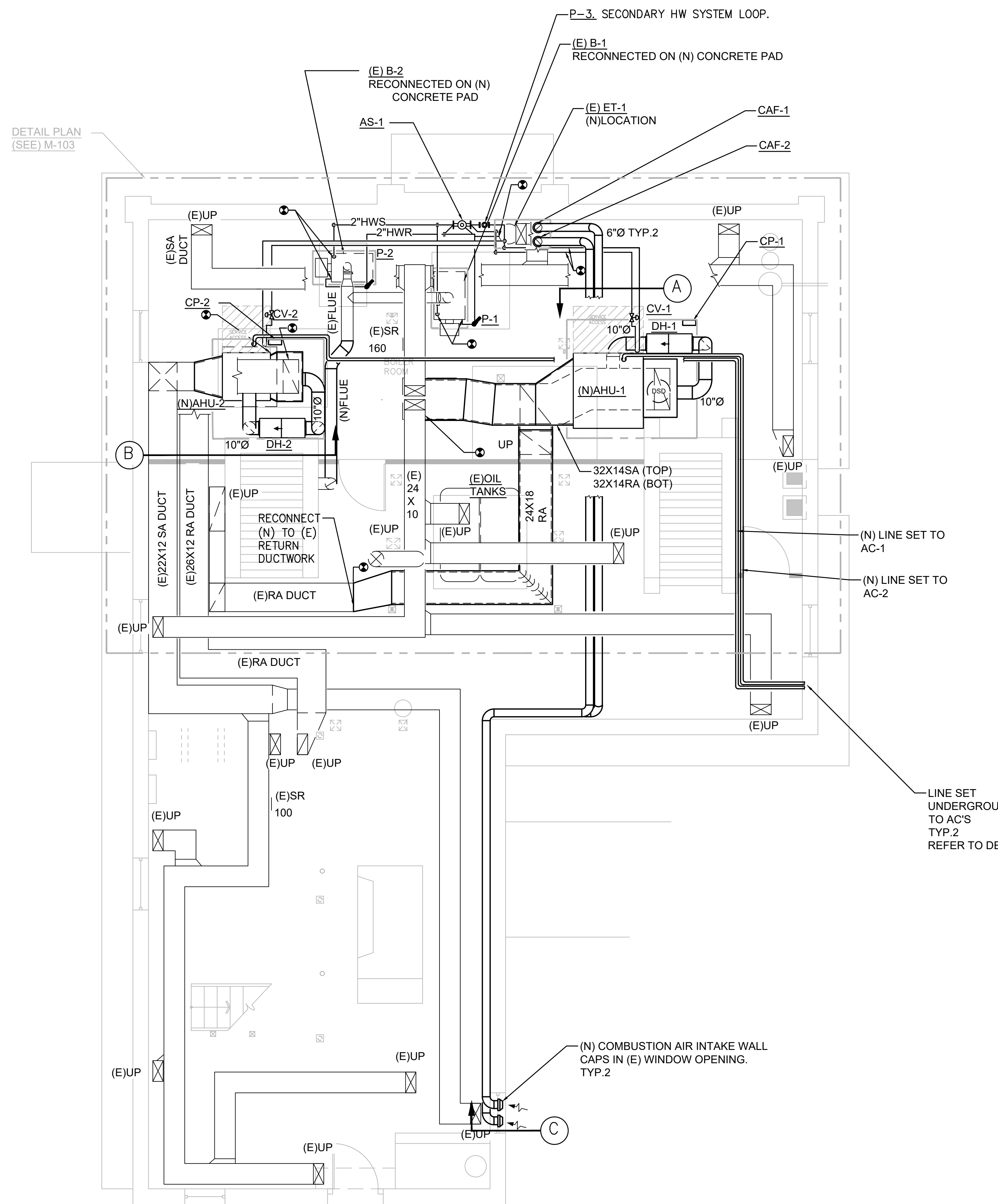
REMARKS:
 1) Automatic float switch, 6' Cord

MECHANICAL LEGEND

	RECTANGULAR, FLAT OVAL OR ROUND AIR DUCT (PLAN VIEW)		EMERGENCY BREAK GLASS BOILER SHUT DOWN
	DUCT WITH 1" ACOUSTICAL LINING		CONNECTION NEW WITH EXISTING
	FLEXIBLE CONNECTION		TAKEOFF FROM BOTTOM OF MAIN PIPE
	FLEXIBLE DUCT		CAPPED END OF PIPE
	SUPPLY OR OUTSIDE AIR DUCT (UP □ DN)		DIRECTION OF FLOW
	RETURN OR EXHAUST DUCT (UP □ DN)		BREAK FLANGES
	NEW WORK (BOLD LINE)		UNION
	EXISTING WORK (FINE LINE-DASHED)		BALL VALVE
	VOLUME DAMPER		GATE VALVE
	FIRE DAMPER (2 HR. RATED U.O.N.)		GLOBE VALVE
	SMOKE DAMPER		BALANCING VALVE WITH 100% SHUTOFF
	COMBINATION FIRE/SMOKE DAMPER		CHECK VALVE
	MOTORIZED DAMPER		BALL VALVE
	DIRECTION OF SUPPLY OR OUTSIDE AIR		OS □ Y VALVE
	DIRECTION OF RETURN OR EXHAUST AIR		TWO-WAY CONTROL VALVE
	CONDENSATE DRAIN PIPING		THREE-WAY CONTROL VALVE
	PIPE ELBOW (UP □ DN)		THERMOMETER
	TAKEOFF FROM TOP OF MAIN PIPE		PRESSURE GAUGE WITH SHUT-OFF COCK
	FLOW SWITCH		STRAINER WITH BLOW-DOWN VALVE
	DUCT SMOKE DETECTOR (SD)		ROOM THERMOSTAT OR TEMPERATURE SENSOR

AHU	AIR HANDLING UNIT	CU	CONDENSING UNIT
C.D.	CONDENSATE DRAIN	OA	OUTSIDE AIR
(N)	NEW	EXH	EXHAUST
(E)	EXISTING	OA	OUTSIDE AIR
U-D	UP AND DOWN	MD	MOTORIZED DAMPER
FCU	FAN COIL UNIT	VD	VOLUME DAMPER
HP	HEAT PUMP	CG / CD	CEILING GRILLE / DIFFUSER
ERV	ENERGY RECOVERY VENTILATOR	RG / EG	RETURN GRILLE / EXHAUST GRILLE
DOAS	DEDICATED OUTSIDE AIR SYSTEM	SR / FSR	SUPPLY REGISTER / FLOOR SUP. REG.
DSD	DUCT SMOKE DETECTOR	RG / FRG	RETURN GRILLE / FLOOR RETURN GRILLE
		UP	UP
		DN	DOWN
		UP-DN	UP AND DOWN
		LWCO	LOW WATER CUT-OFF
		VRV	VACUUM RELIEF VALVE

drawing title		STATE OF CONNECTICUT	
MECHANICAL SYMBOLS, NOTES AND SCHEDULES		DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by	date
	mark	LANDMARK FACILITIES GROUP, INC.	11/19/2019
	date	252 EAST AVENUE	scale
	description	NORWALK, CT 06855	N.T.S.
		project	drawn by
		PRUDENCE CRANDALL MUSEUM RENOVATIONS	AD
		1 SOUTH CANTERBURY ROAD	approved by
		CANTERBURY, CT 06331	TEN
		CAD no. M-001 Mec:anical Symbols, Notes and Schedules	drawing no.
		project no. BI-RR-28	M-001



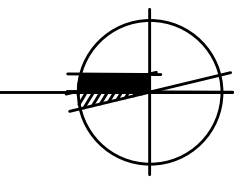
GENERAL DUCTWORK NOTES:

1. ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS. INTERNAL INSULATION (WHERE APPLIED) THICKNESS SHALL BE ADD TO DUCT ID DIMENSION.
2. ALL NEW 90° SQUARE ELBOWS IN DUCTS SHALL HAVE TURNING VANES.
3. CONNECT DUCTS TO AIR HANDLERS WITH CANVAS FLEXIBLE DUCT CONNECTORS.
4. FLEXIBLE DUCT INSTALLATION ARE NOT ACCEPTABLE.
5. COORDINATE WITH STRUCTURAL REPAIR PLANS TO TEMPORARILY DISCONNECT (E) DUCT HANGERS FROM JOISTS AND TEMPORARILY SUPPORT DUCT TO ACCOMMODATE STRUCTURAL REPAIR. RE-HANG DUCTS ONCE STRUCTURAL REPAIRS ARE COMPLETE.
6. ALL (N) TRUNK DUCT SHALL BE INTERNALLY LINED. SEE SPECIFICATION.

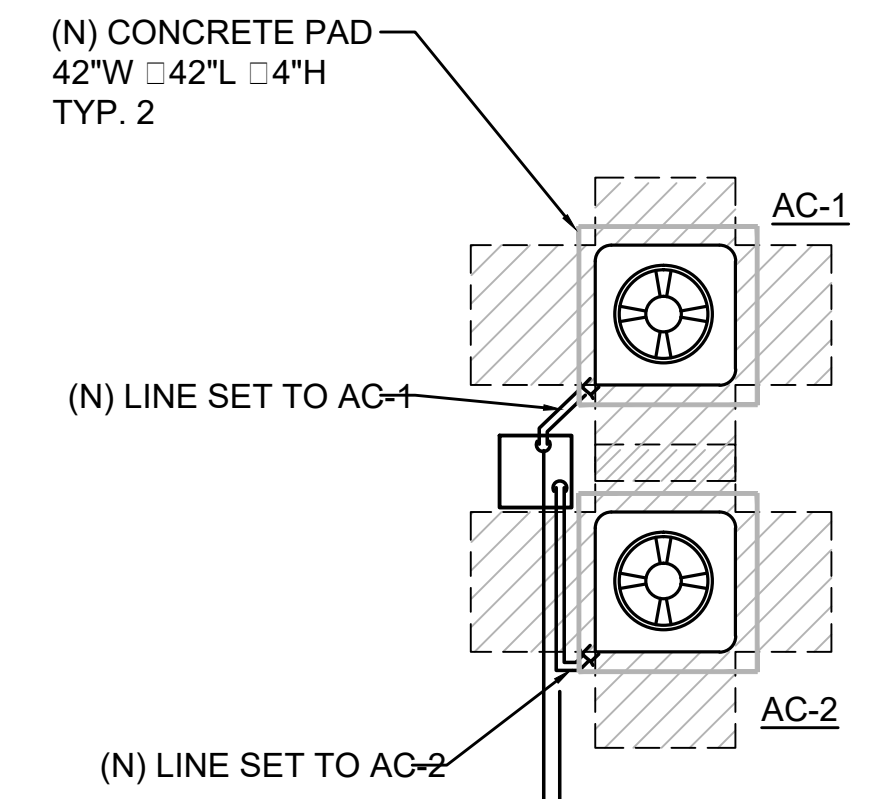
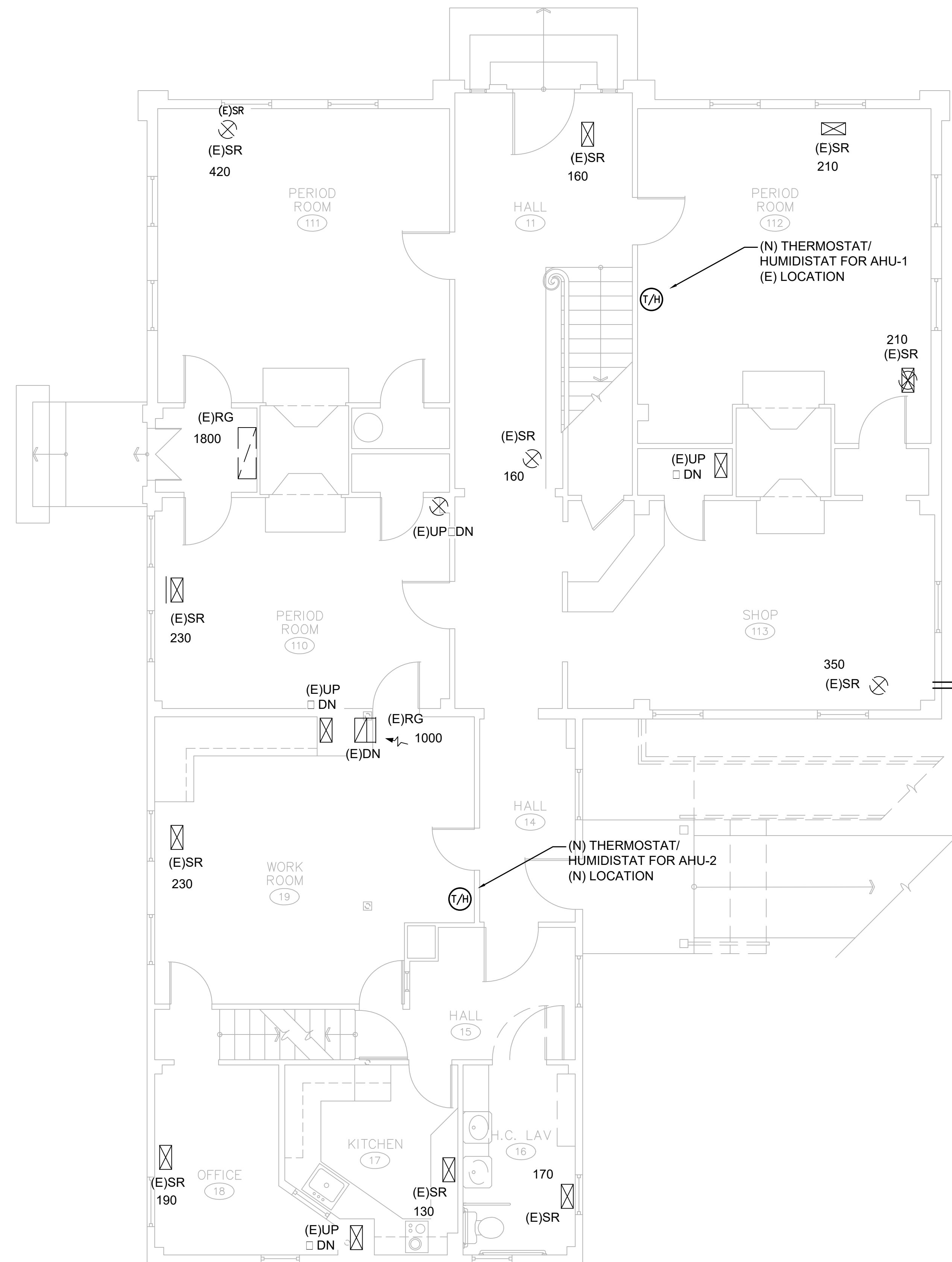
GENERAL PIPING NOTES:

1. INSTALL BELOW GRADE REFRIGERANT PIPING BELOW THE FROST LINE.
2. COORDINATE WITH STRUCTURAL REPAIR PLANS TO TEMPORARILY DISCONNECT (E) PIPE HANGERS FROM JOISTS AND TEMPORARILY SUPPORT PIPES TO ACCOMMODATE STRUCTURAL REPAIR. RE-HANG PIPES ONCE STRUCTURAL REPAIRS ARE COMPLETE.

1 BASEMENT PLAN
1/4" = 1'-0"

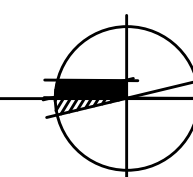


drawing title BASEMENT MECHANICAL PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES										
professional seal	<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>mark</th> <th>date</th> <th>description</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS			mark	date	description				drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale 1/4" = 1'-0"
REVISIONS												
mark	date	description										
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS	drawing no. AD	M-100									
	1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331 CAD no. M-100 Basement Mechanical Plan	drawing no. TEN		project no. BI-RR-28								

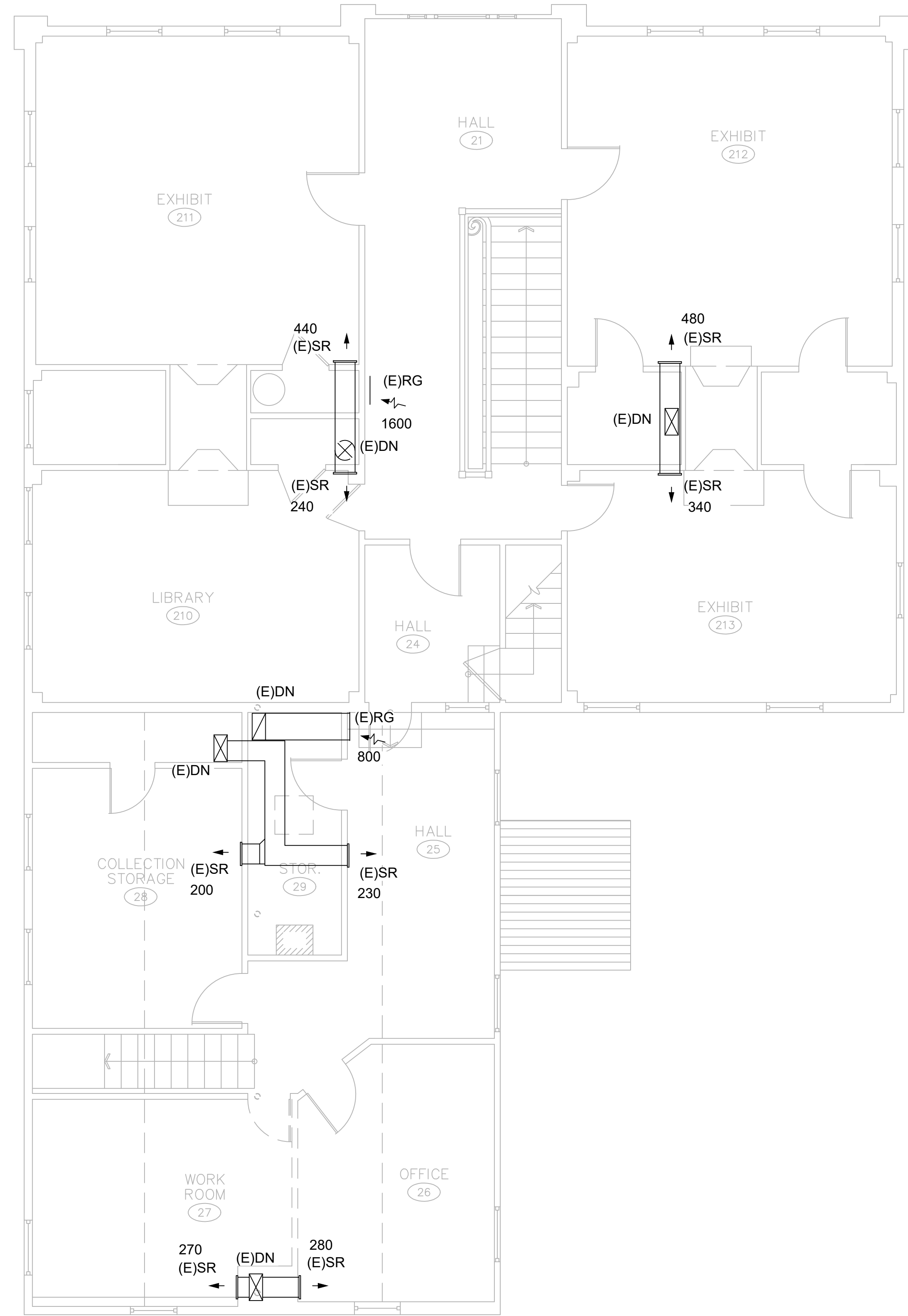


LINE SET BETWEEN AHU'S AND AC'S
 42" UNDERGROUND, WATER TIGHT INSTALLATION
 SLOPE DN AWAY FROM AC'S.
 SEE DETAIL
 TYP.2

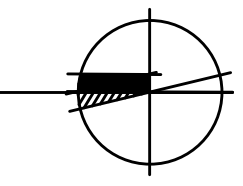
1 FIRST FLOOR PLAN
 1/4" = 1'-0"



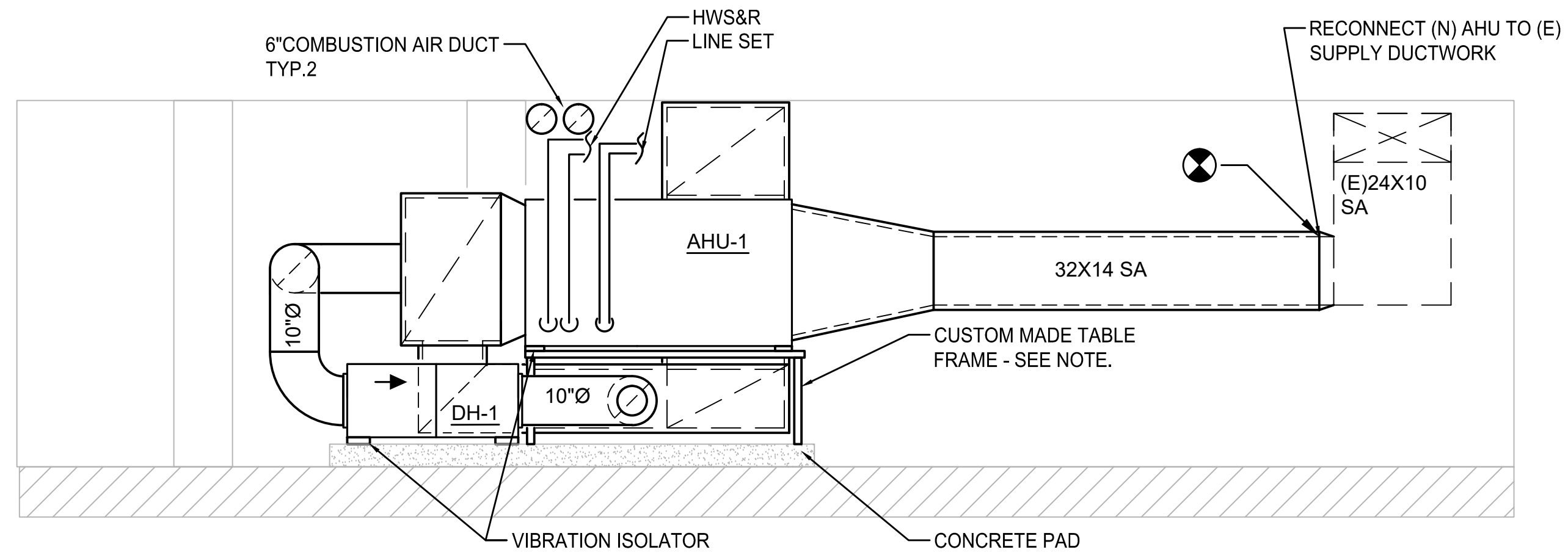
drawing title FIRST FLOOR MECHANICAL PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		date 11/19/2019
	mark	date	description
drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855		scale 1/4" = 1'-0"	
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by AD	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by TEN	
CAD no. M-101 First Floor Mechanical Plan	project no. BI-RR-28	drawing no. M-101	



1 SECOND FLOOR PLAN
1/4" = 1'-0"

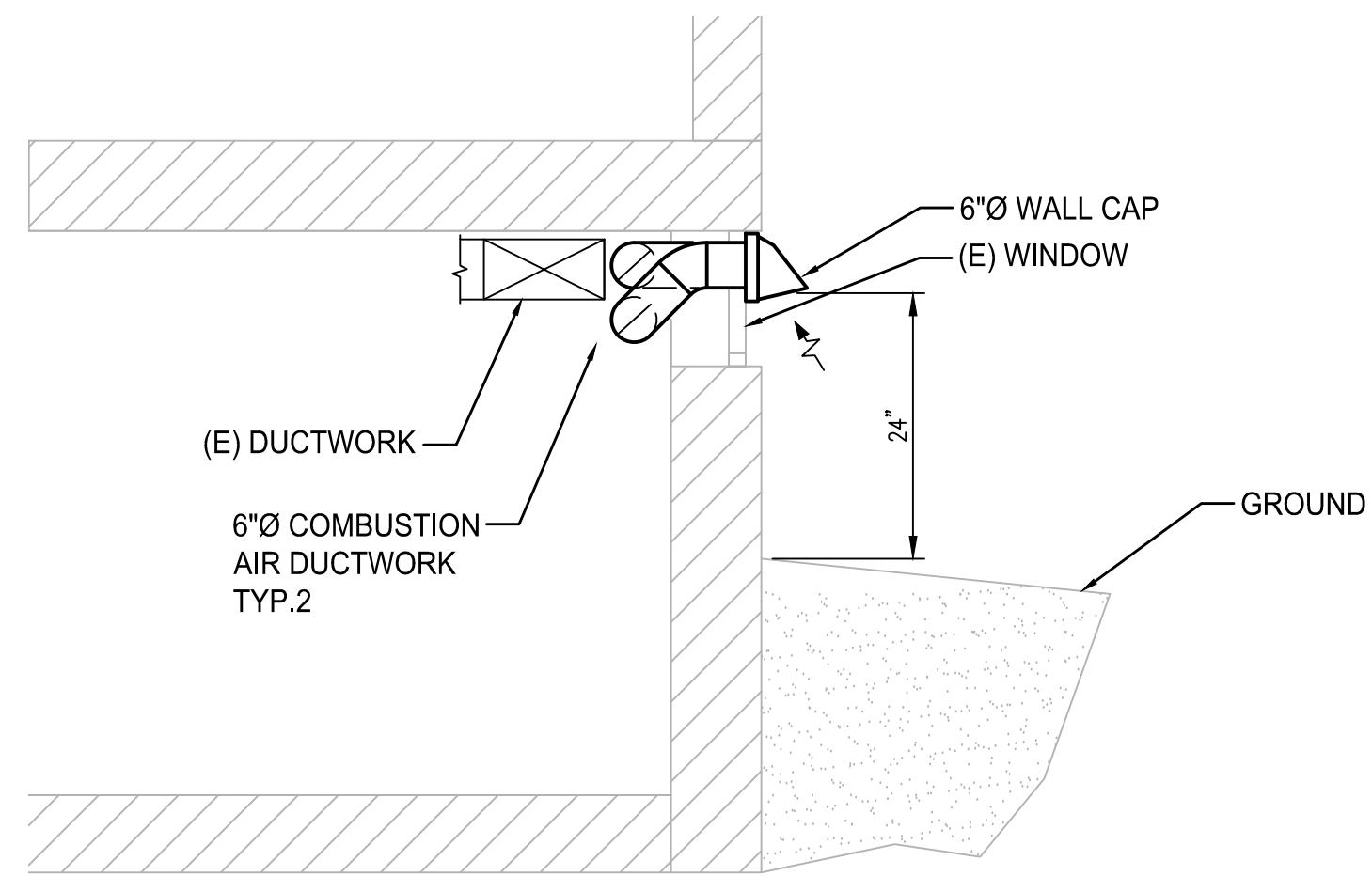


drawing title SECOND FLOOR MECHANICAL PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. M-102 Second Floor Mechanical Plan	project no. BI-RR-28	drawing no. M-102	

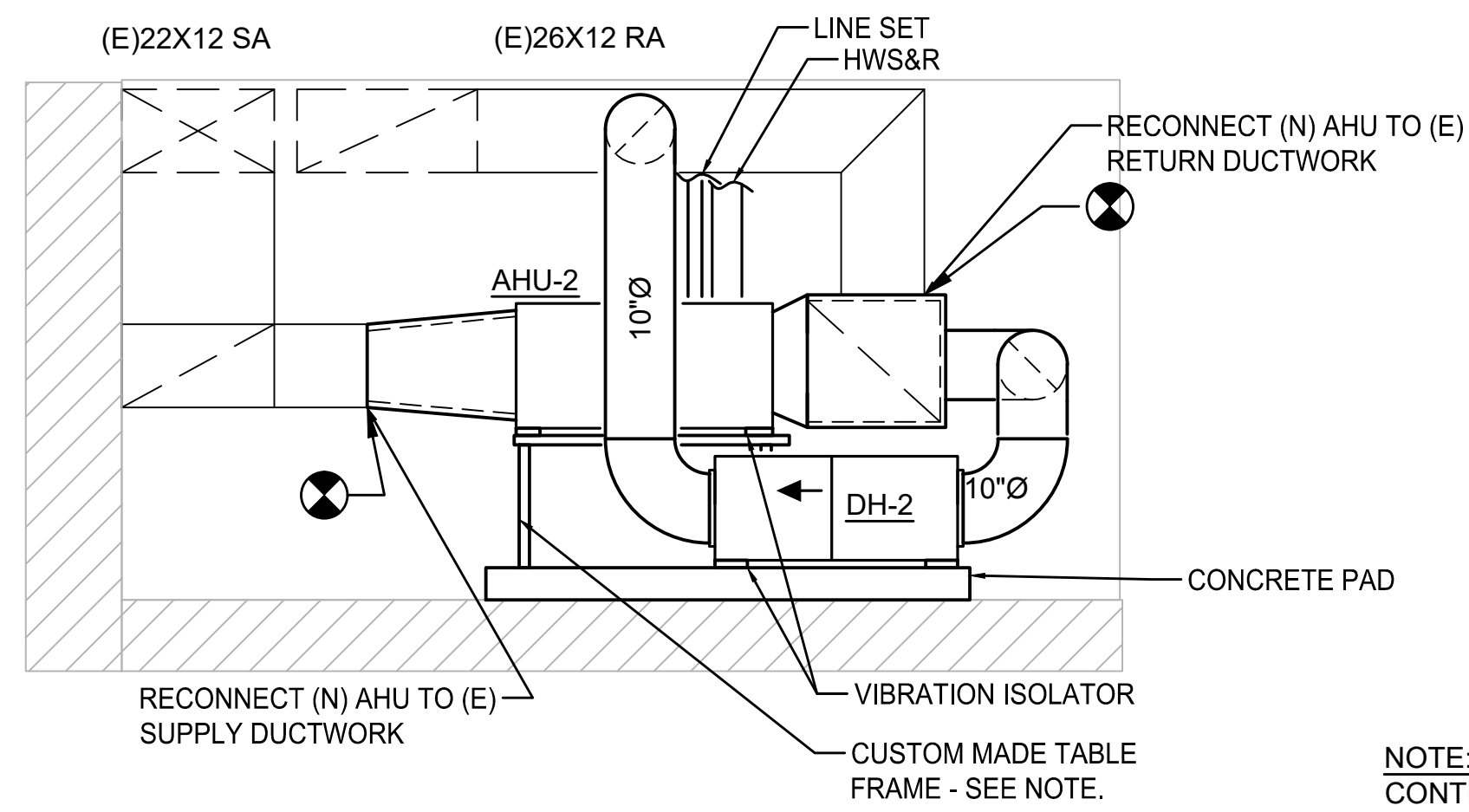


SECTION A
SCALE: 1/2"=1'-0"

NOTE:
CONTRACTOR SHALL DESIGN AND FABRICATE TABLE FRAME WITH DIMENSIONS: 56" LX 58" WX 19" H
EQUIPMENT WEIGHT: 700 LBS



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



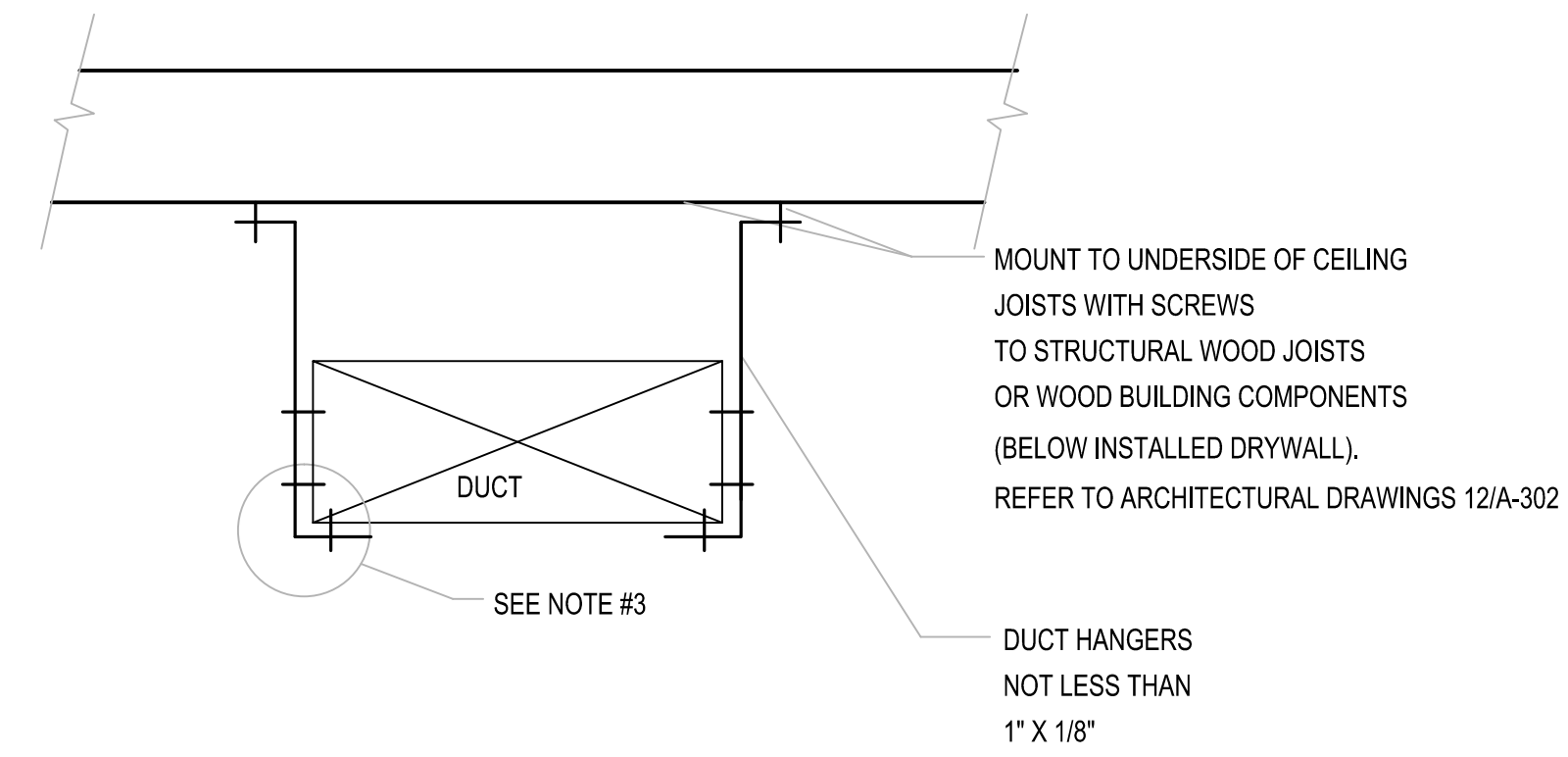
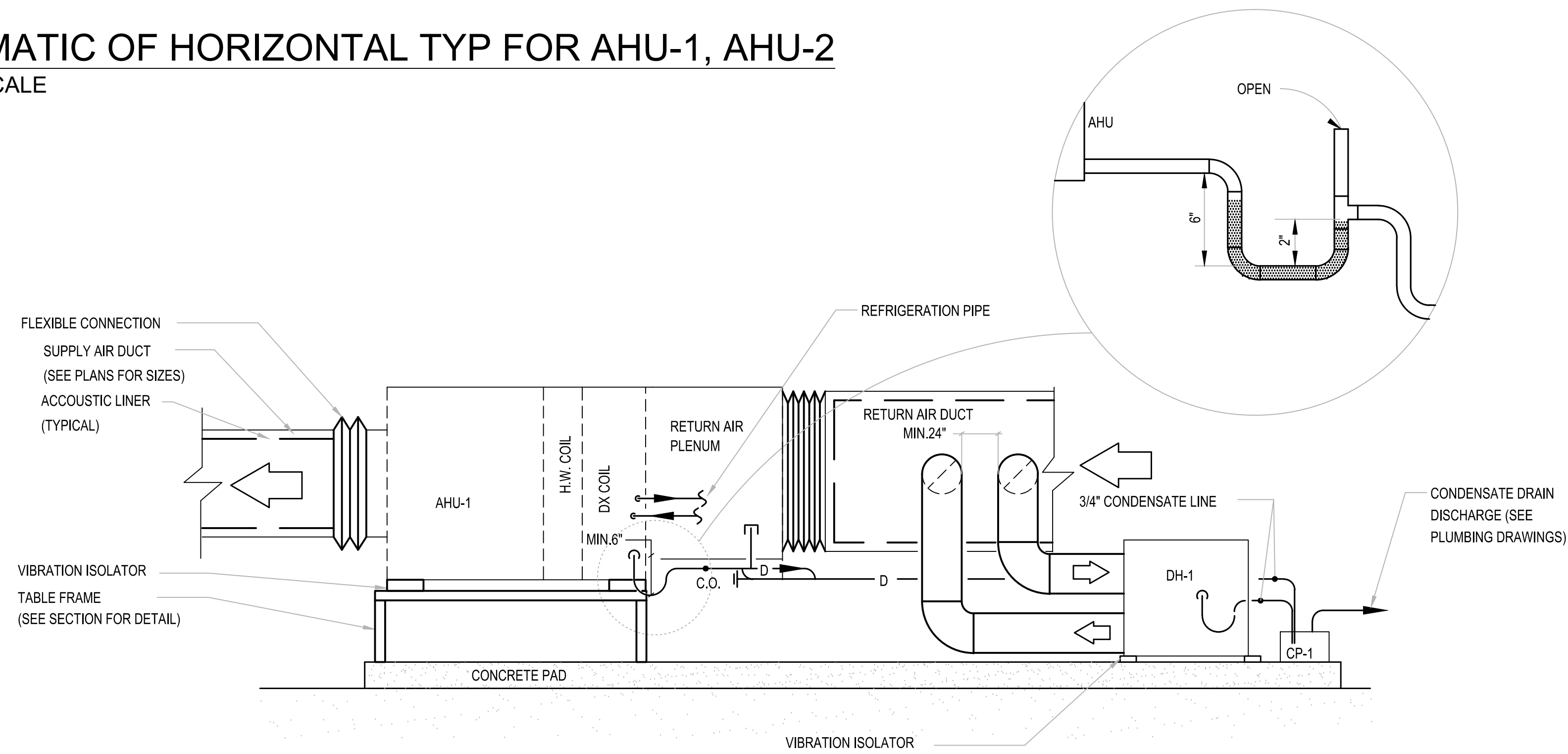
SECTION B
SCALE: 1/2"=1'-0"

NOTE:
CONTRACTOR SHALL DESIGN AND FABRICATE TABLE FRAME WITH DIMENSIONS: 42" LX 46" WX 19" H
EQUIPMENT WEIGH: 450 LBS

drawing title MECHANICAL SECTIONS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		date 11/19/2019
	mark	date	description
drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855		scale 1/2" = 1'-0"	
project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by AD	
CAD no. M-200 Mechanical Sections		approved by TEN	
project no. BI-RR-28		drawing no. M-200	

SCHEMATIC OF HORIZONTAL TYP FOR AHU-1, AHU-2

NOT TO SCALE

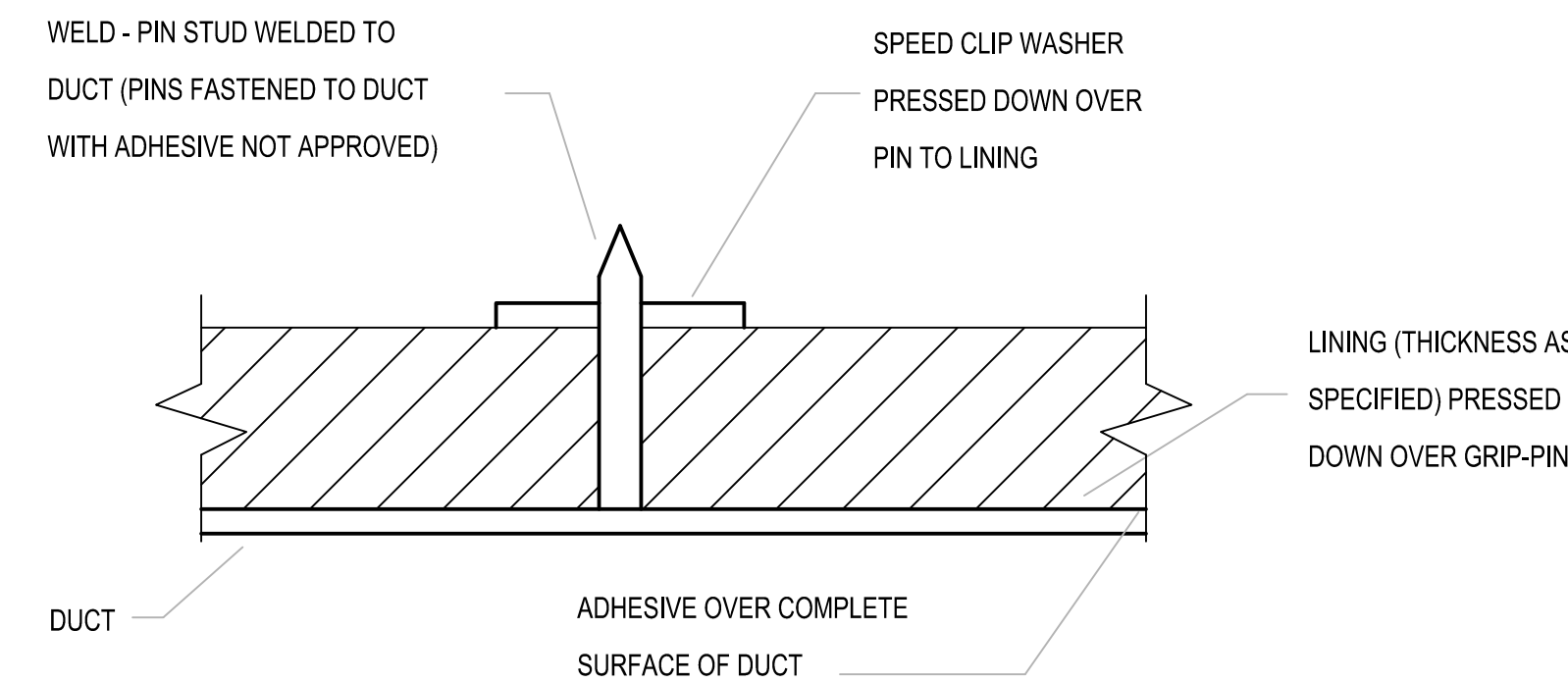


LONGEST DIMENSION OF DUCT	ROUND HANGERS	MAXIMUM SPACING SEE NOTE #4	STRAP HANGERS	TRAPEZE SHELF ANGLES
UP TO 18"	8GA. WIRE	80"	1" X 1/8"	1" X 1" X 1/8"
19" TO 30"	1/4" ROD	80"	1" X 1/8"	1" X 1" X 1/8"
31" TO 42"	1/4" ROD	80"	1" X 1/8" GA.	1 1/2" X 1 1/2" X 1/8"
43" TO 60"	3/8" ROD	40"		1 1/2" X 1 1/2" X 1/8"
61" TO 84"	3/8" ROD	40"		2" X 2" X 1/8"
85" TO 96"	3/8" ROD	40"		2" X 2" X 3/16"
OVER 97"	3/8" ROD	40"		2" X 2" X 1/4"

- NOTES:
- ALL DUCTWORK TO BE HUNG FROM BUILDING CONSTRUCTION NOT TO BE SUPPORTED FROM HUNG CEILING.
 - WHEN DUCT AREA EXCEEDS 8SQ. FT. ANGLE STIFFENERS REQUIRED AROUND CIRCUMFERENCE EVERY 40".
 - FOR DUCTS OVER 48" WIDE HANGERS SHALL TURN UNDER DUCT AT LEAST 2" AND SHALL BE FASTENED TO THE BOTTOM AS WELL AS TO THE SIDES OF THE DUCT.
 - FOR DUCTS WITH CROSS SECTIONAL AREA OF 4' OR LESS, HANGERS SHALL BE NO MORE THAN 8FT. APART. FOR DUCTS WITH A CROSS SECTIONAL AREA OF MORE THAN 4 SQ. FT. BUT NOT OVER 8 SQ. FT. HANGERS SHALL BE NOT MORE THAN 4 FT. APART. THE DISTANCES BETWEEN SHALL BE MEASURED LINEARLY ALONG THE DUCT.
 - TEMPORARY SUPPORT (E) DUCTWORK FOR GYPSUM BOARD INSTALLATION.

DUCT SUPPORT DETAIL

NO SCALE



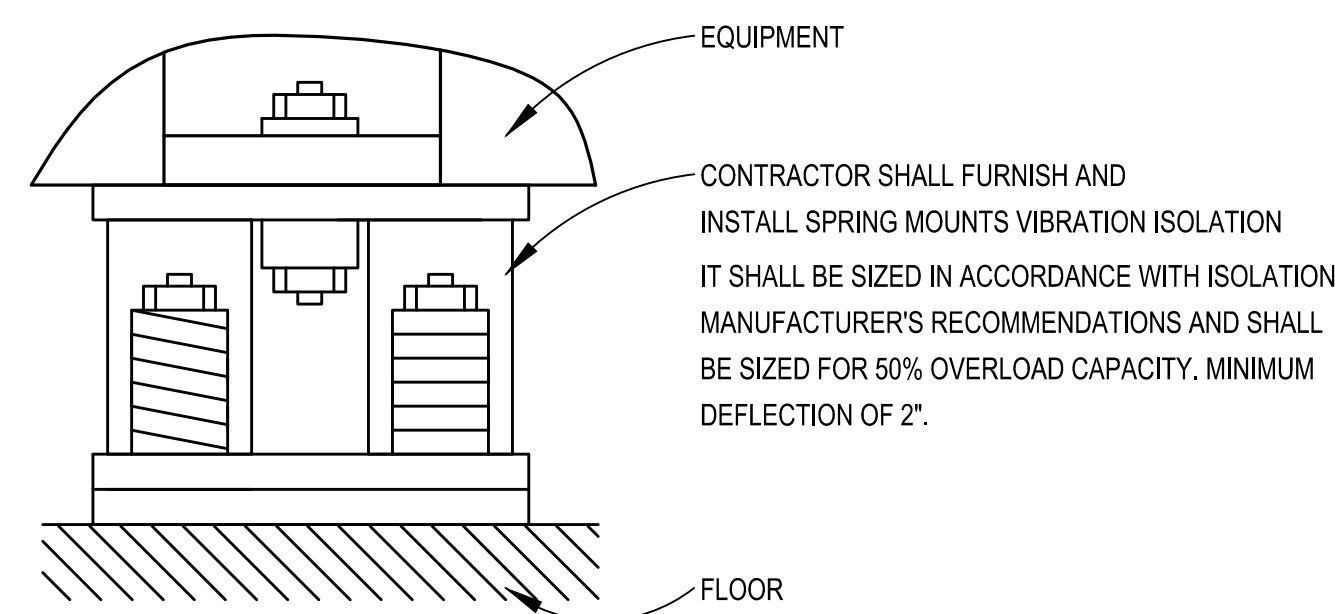
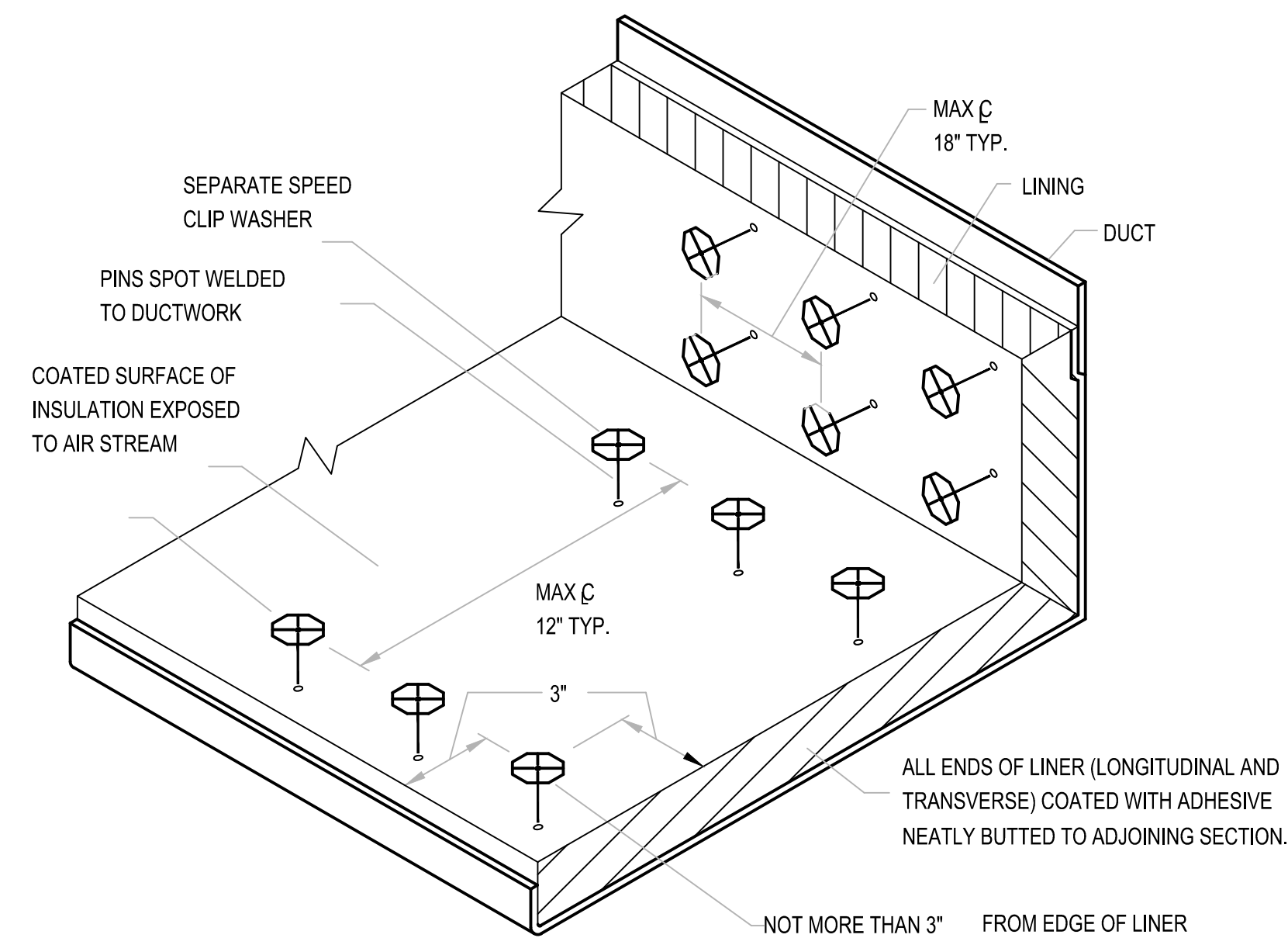
DETAIL 'A'

TYPICAL STUD-WELDED PINS AND SPEED CLIP WASHER (SEE DETAIL "A")

- NOTES:
- ALL DUCTS SHOWN TO BE ACOUSTICALLY LINED

SOUND LINING INSTALLATION DETAIL

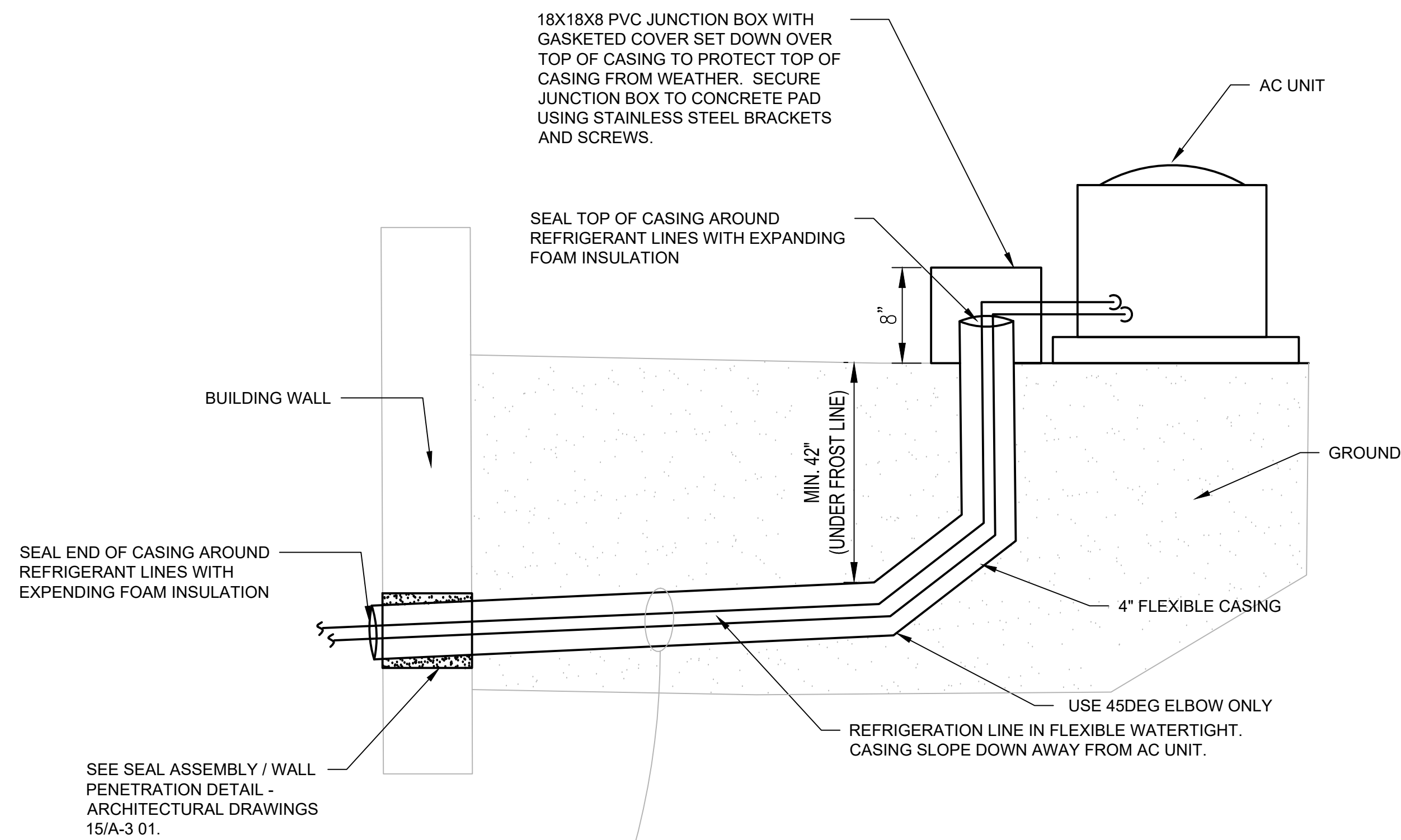
NO SCALE



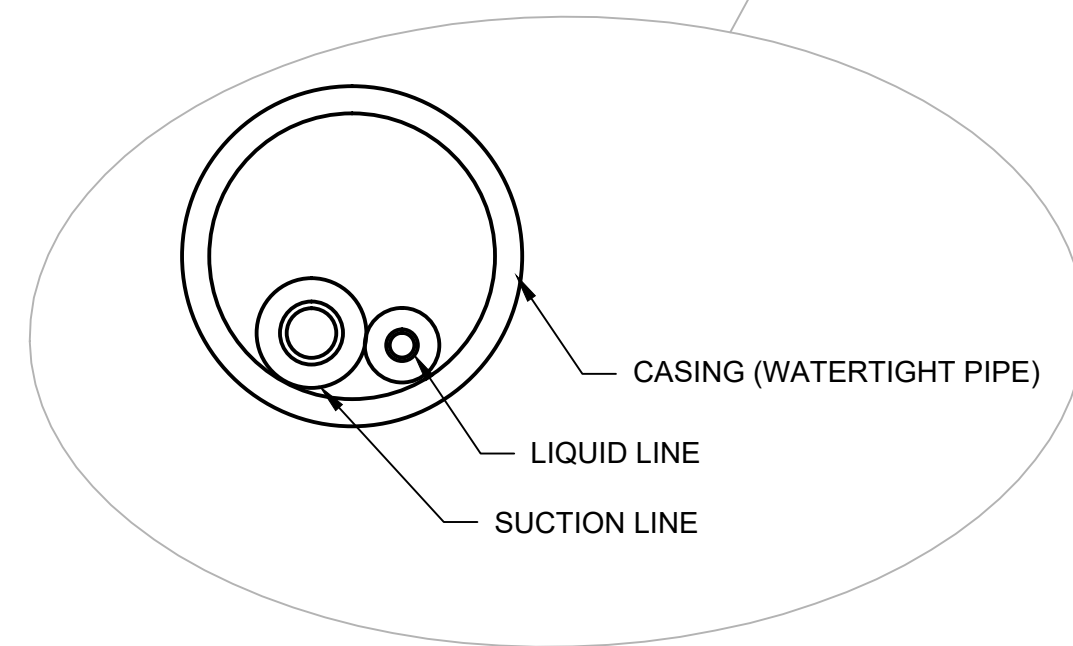
TYPICAL VIBRATION ISOLATOR DETAIL (AHU-1, AHU-2)

NOT TO SCALE

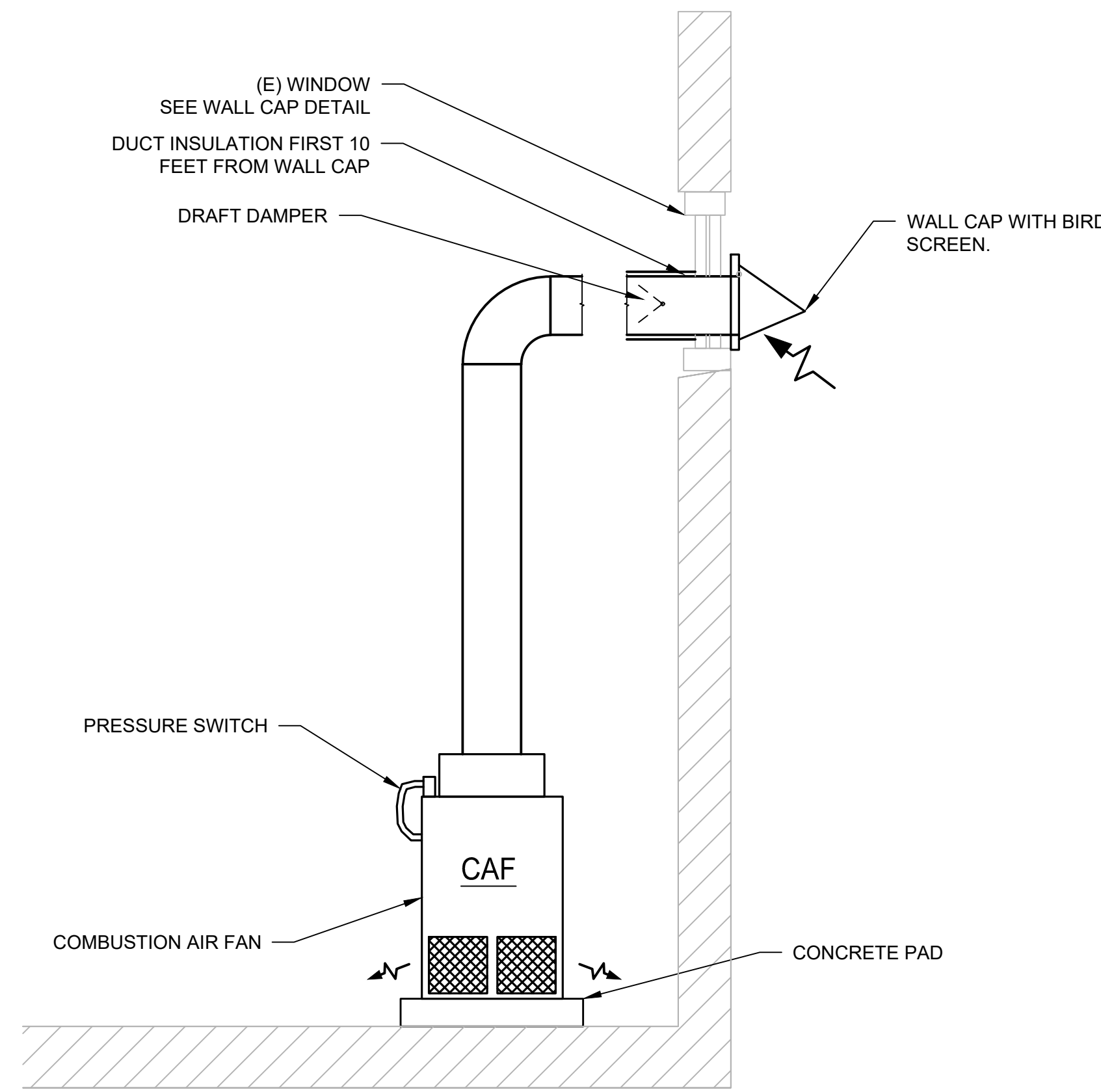
drawing title MECHANICAL DETAILS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS 1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		date 11/19/2019 scale N.T.S.
CAD no. M-300 Mechanical Details		project no. BI-RR-28	drawn by AD approved by TEN drawing no. M-300



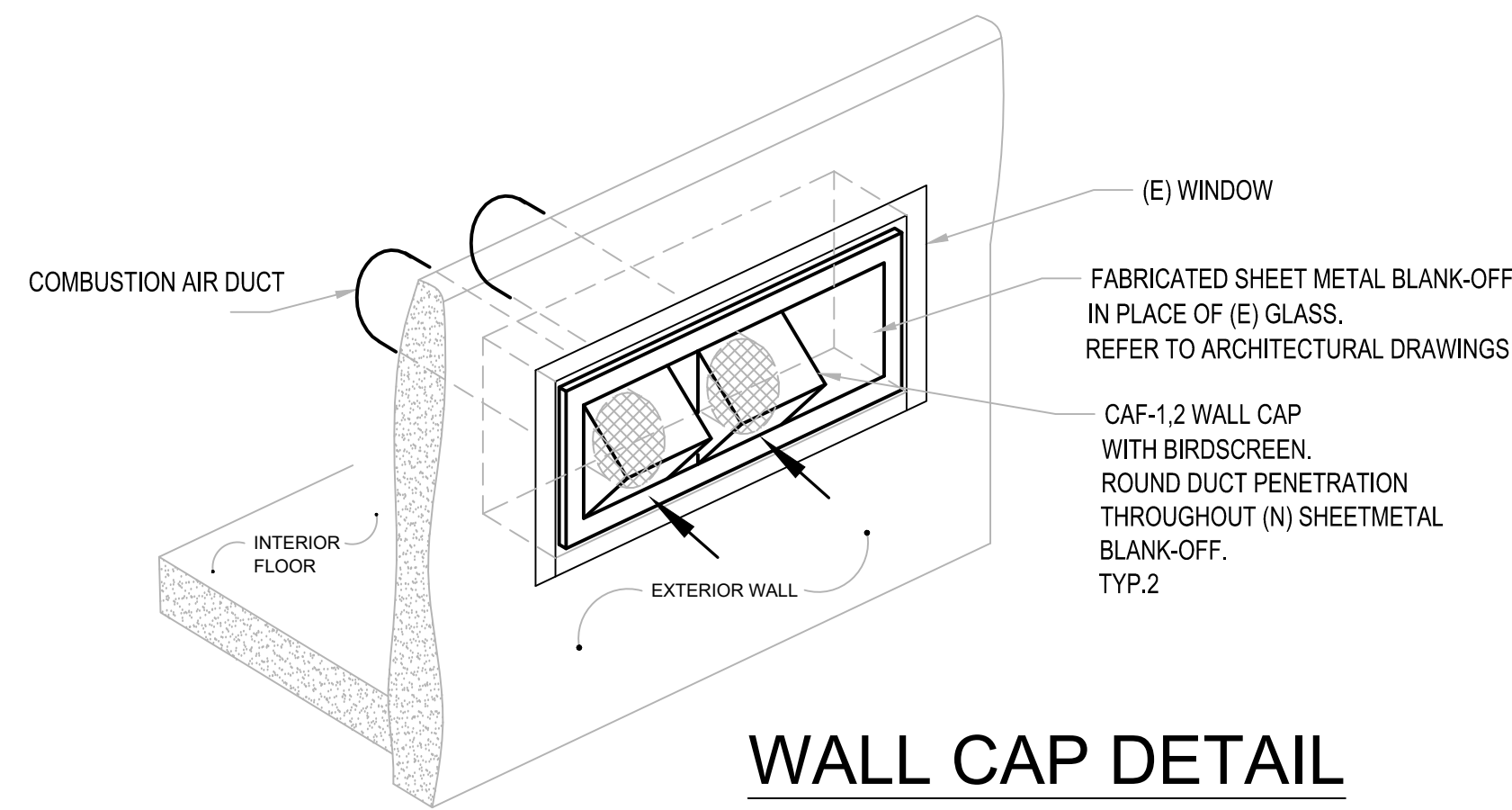
BELOW-GRADE CASING FOR REFRIGERANT PIPING TO BE 4" DIAMETER CORRUGATED, FLEXIBLE, POLYPROPYLENE PIPE. PROVIDE A PULL STRING TO FACILITATE INSTALLING REFRIGERANT TUBING. MINIMIZE CHANGES OF DIRECTION AND UTILIZE 45° ELBOWS WHERE DIRECTION CHANGES. ALL BELOW GRADE JOINTS TO BE SEALED WATER TIGHT. REFRIGERANT PIPING TO BE INSERTED INTO CASING AND PRESSURE TESTED. ALLOW ENOUGH TUBING LENGTH TO MAKE CONNECTIONS TO CONDENSING UNITS. ONCE TUBING IS PRESSURE TESTED, SEAL BOTH ENDS OF CASING WITH SPRAY FOAM INSULATION. INSTALL A WATERTIGHT ENCLOSURE OVER TO OF CASING TERMINATIONS. COVER TO BE PVC JUNCTION BOX



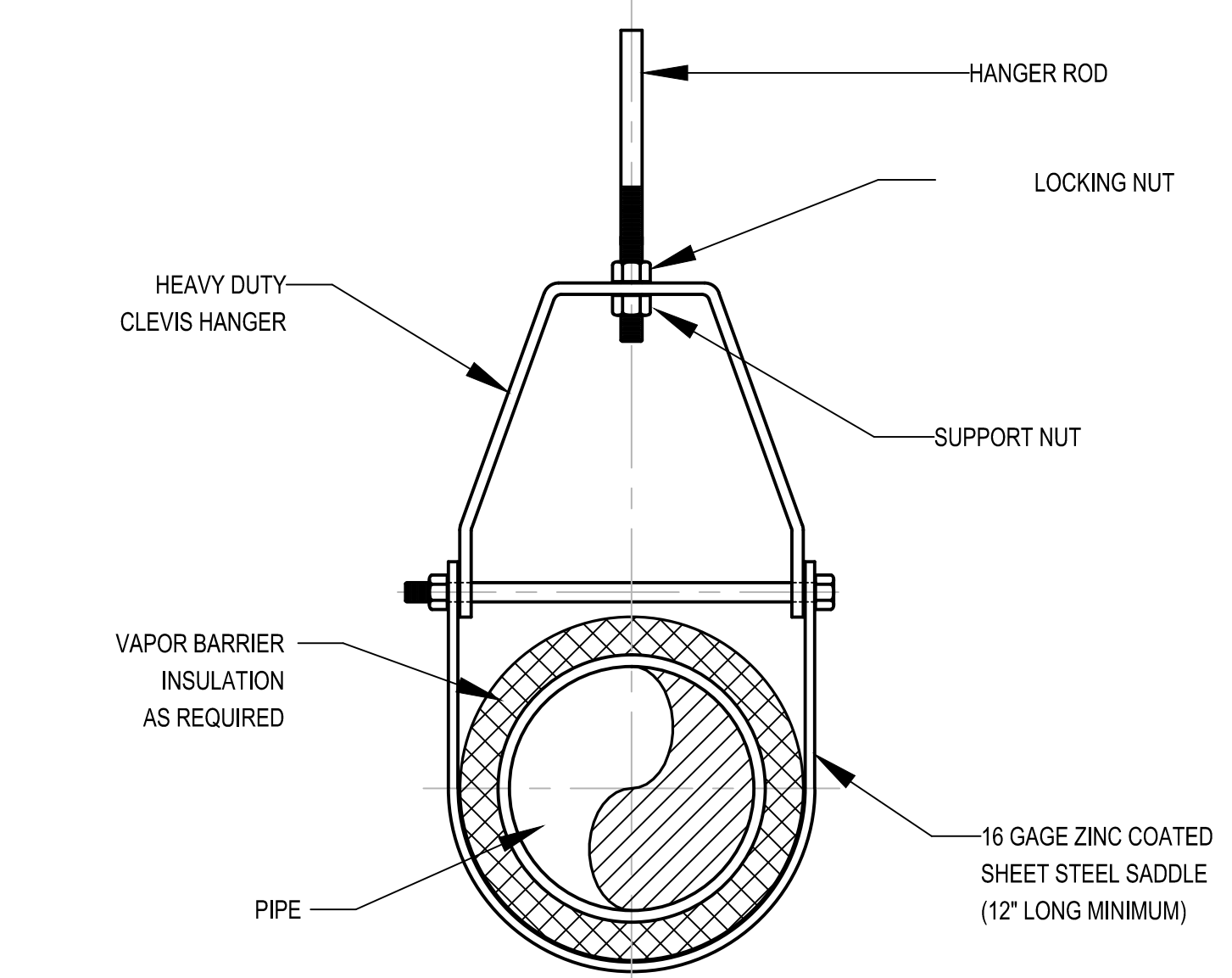
UNDERGROUND REFRIGERANT LINE DETAIL
NOT TO SCALE



COMBUSTION AIR FAN DETAIL
NOT TO SCALE

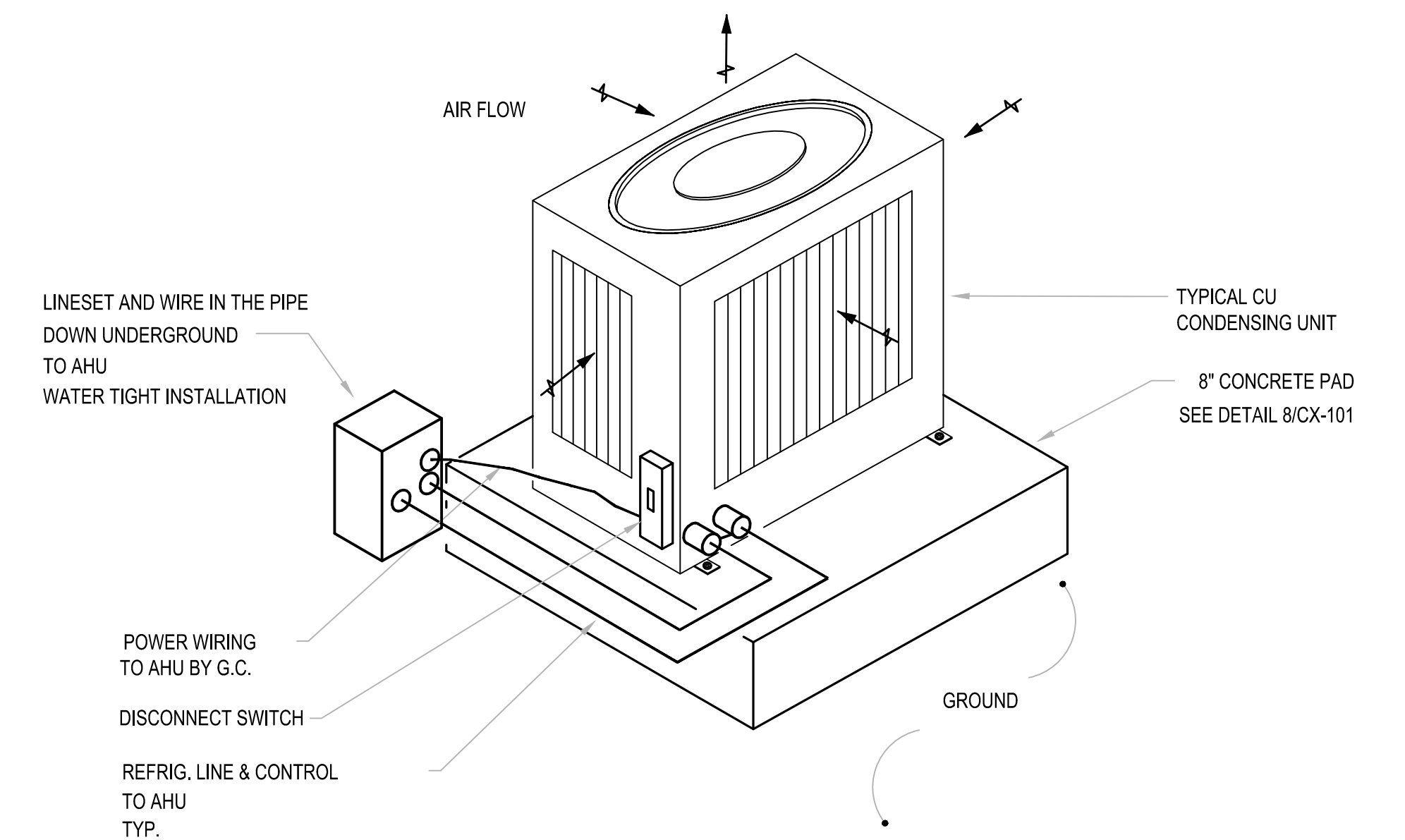


WALL CAP DETAIL
NOT TO SCALE



HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.
2 1/2" THRU 3"	1/2" DIA.	6" THRU 12"	7/8" DIA.

CLEVIS HANGER
NO SCALE



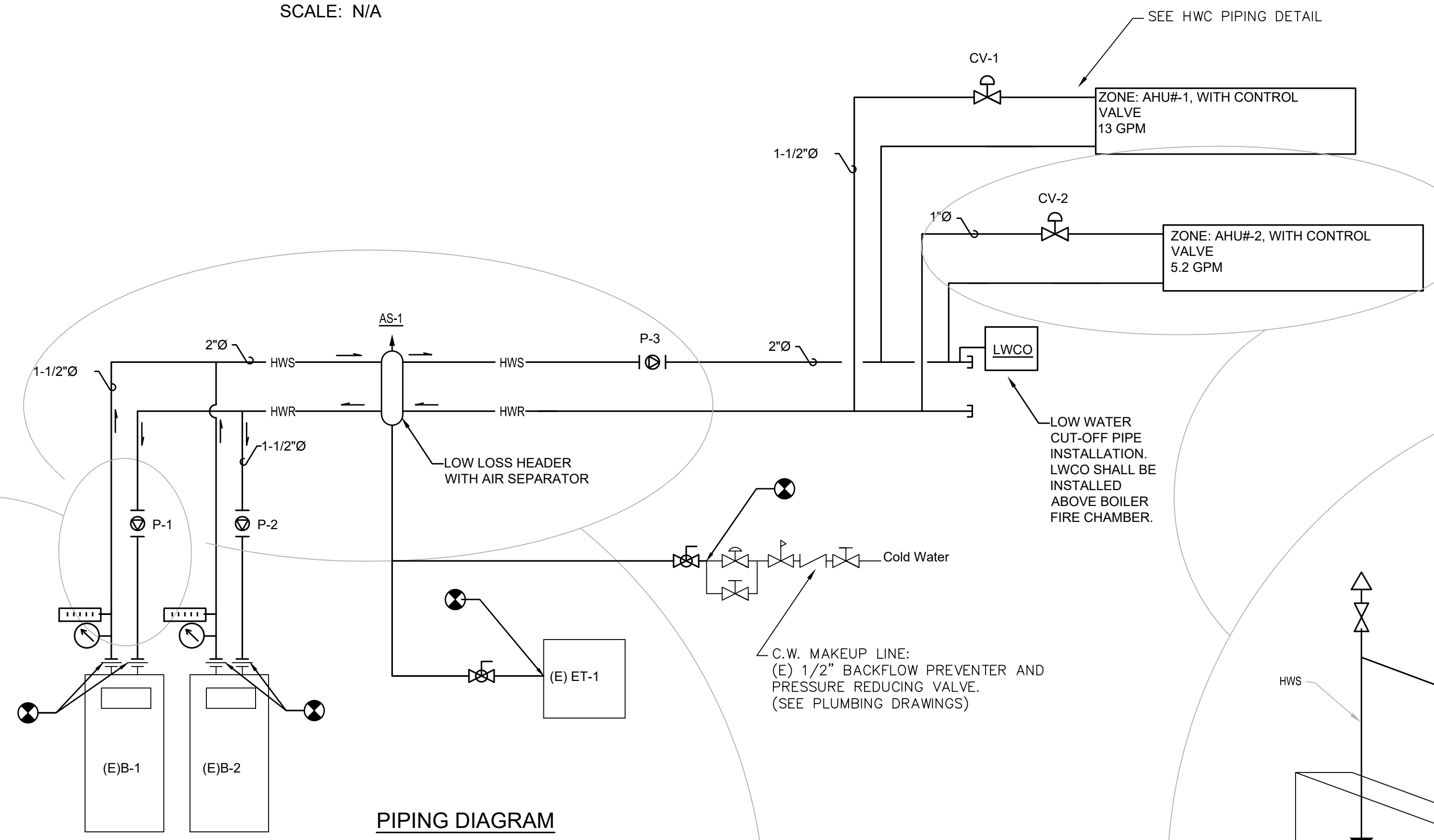
OUTDOOR CONDENSING UNIT DETAIL
NO SCALE

drawing title MECHANICAL DETAILS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale N.T.S.
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by AD
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by TEN	drawing no.
CAD no. M-301 Mec:anical Details	project no. BI-RR-28	M-301	

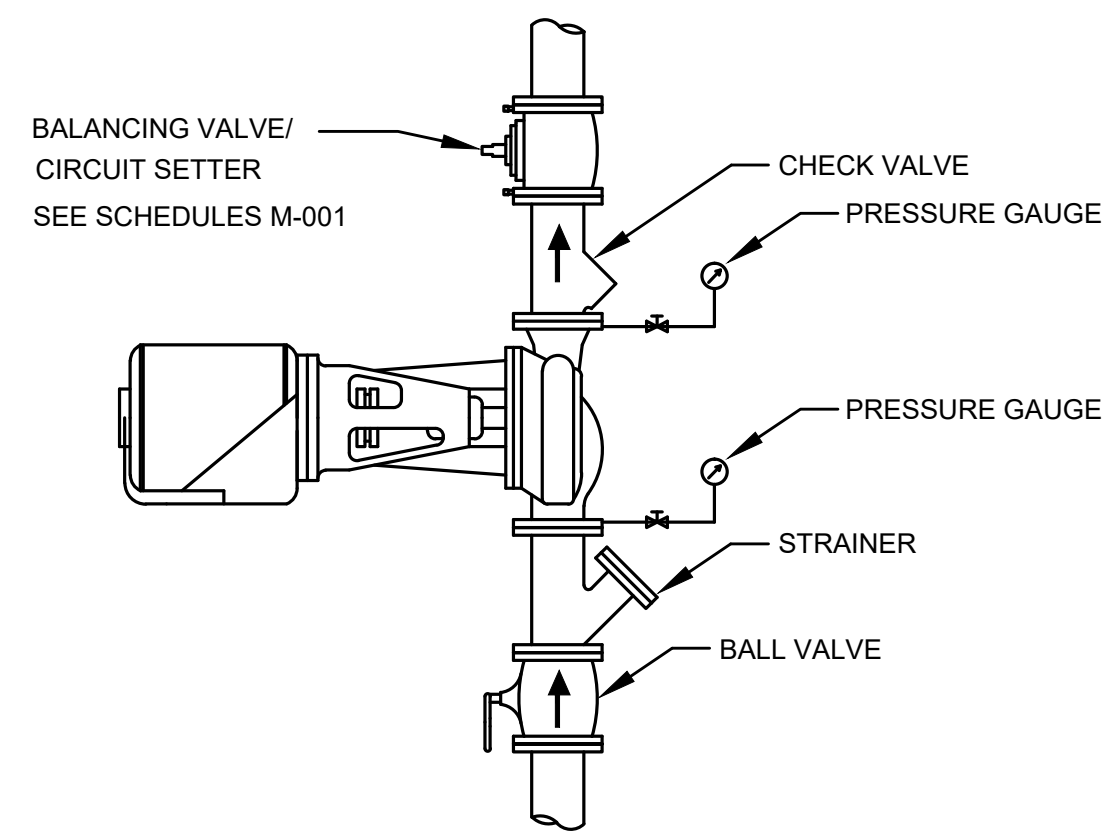
HOT WATER PIPING DIAGRAM

SCALE: N/A

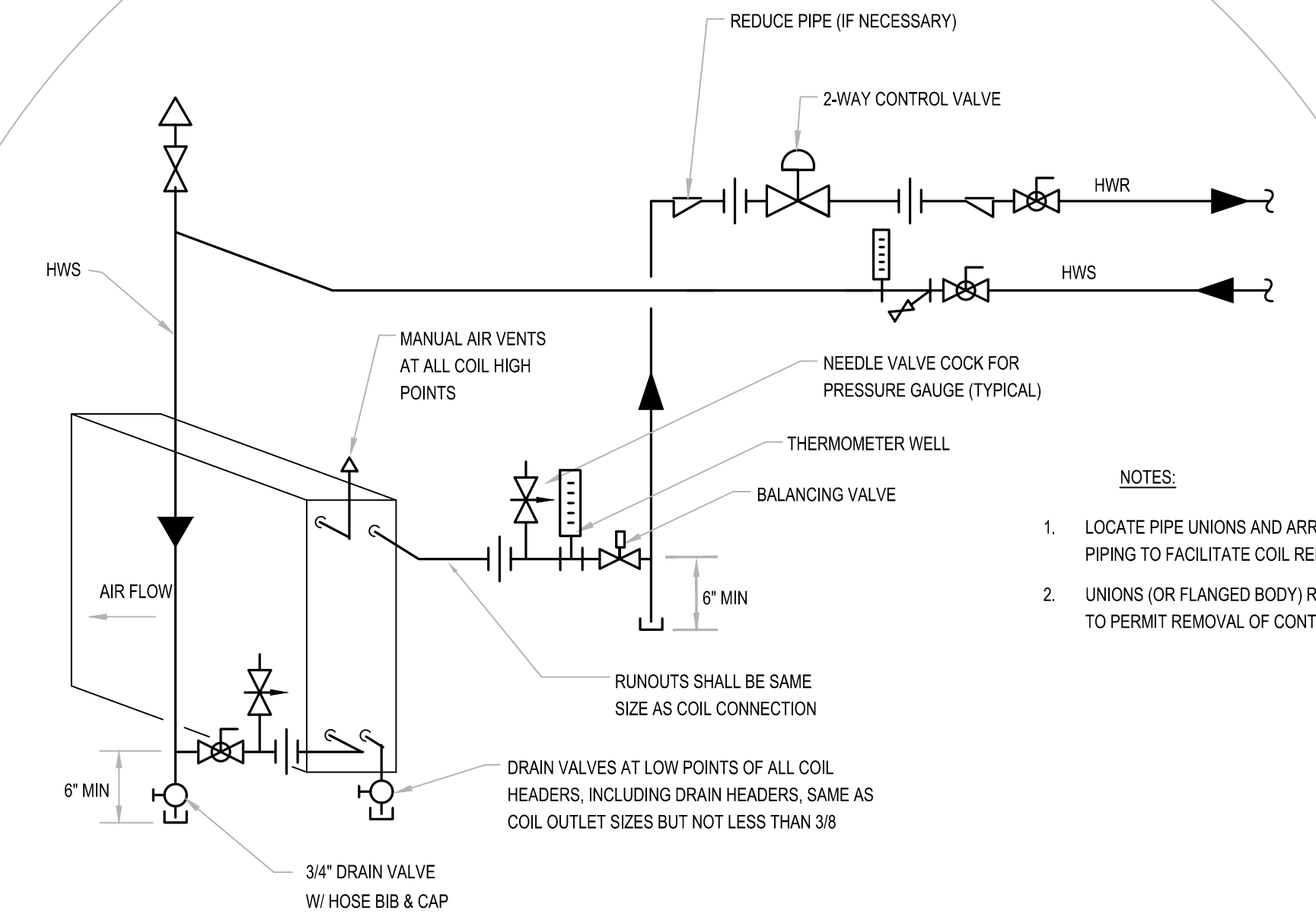
UNIT	BRAND	POSITION	VOLTS	SIZE	VALVE TYPE	PIPE SIZE
CV-1	TACO BELIMO HONEYWELL	2-POSITION NORMALLY CLOSE	24V	1"	BALL VALVE	1-1/2"
CV-2	TACO BELIMO HONEYWELL	2-POSITION NORMALLY CLOSE	24V	1"	BALL VALVE	1"



PIPING DIAGRAM
HOT WATER PIPING

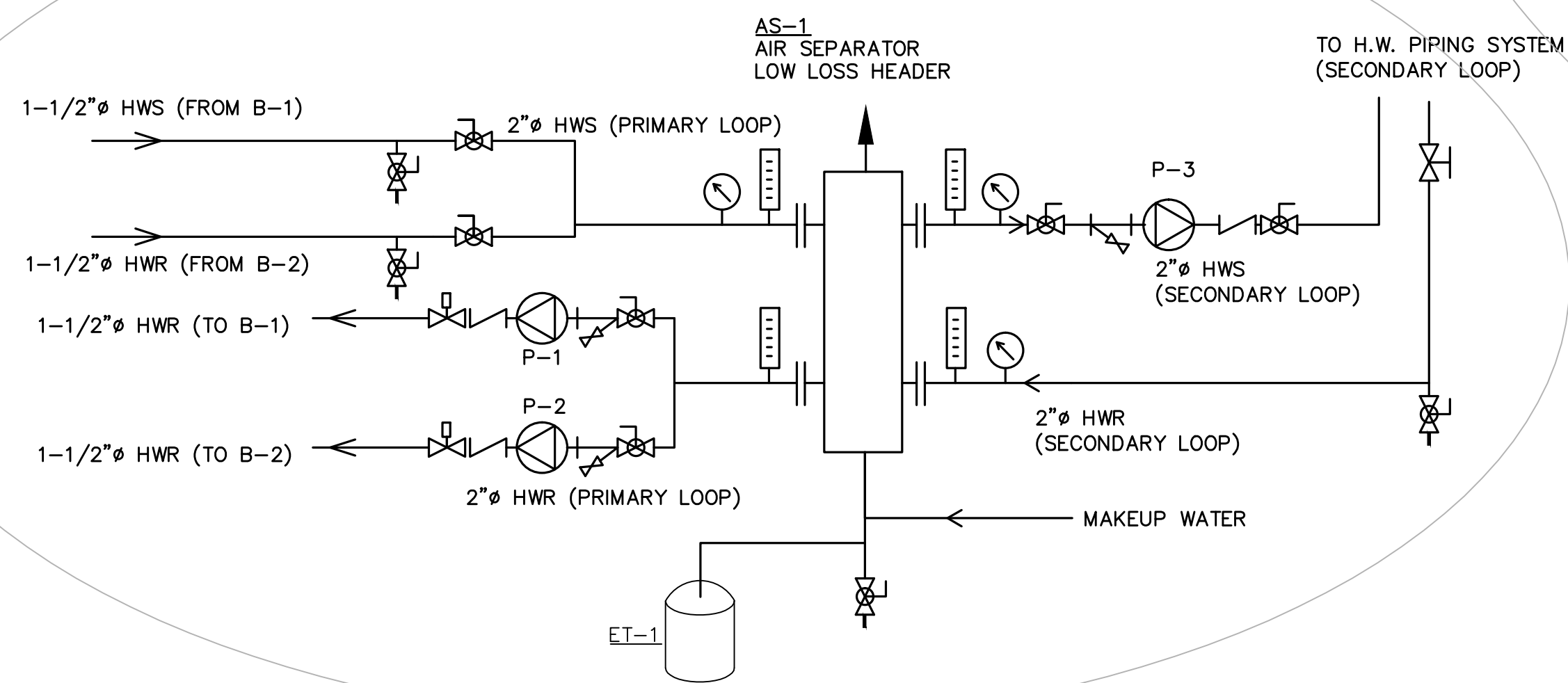


IN-LINE PUMP DETAIL
NO SCALE



HOT WATER COIL CONNECTIONS
NO SCALE

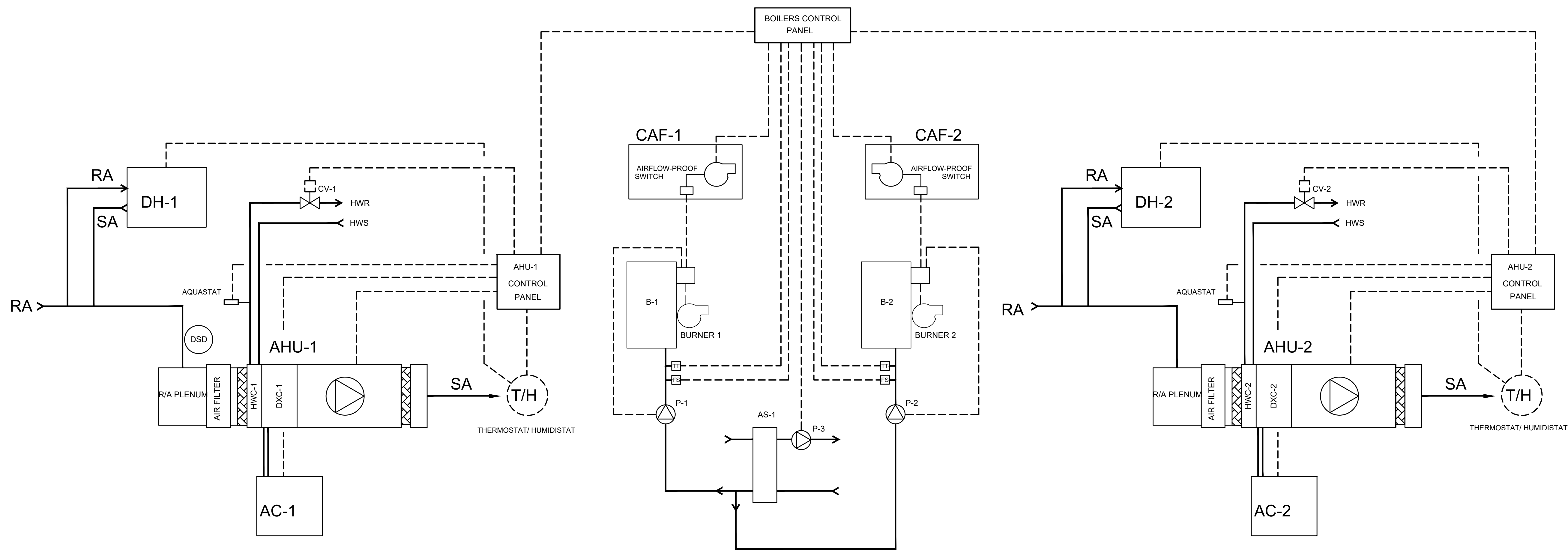
- NOTES:
- LOCATE PIPE UNIONS AND ARRANGE PIPING TO FACILITATE COIL REMOVAL
 - UNIONS (OR FLANGED BODY) REQUIRED TO PERMIT REMOVAL OF CONTROL VALVE



AIR SEPARATOR DETAIL PIPING DIAGRAM
HOT WATER PIPING

- NEEDLE VALVE COCK FOR PRESSURE GAUGE
- 2WAY CONTROL VALVE
- PIPE REDUCER
- STRAINER
- CHECK VALVE
- PUMP
- CIRCUIT SETTER
- ISOLATION VALVE
- PRESSURE GAGE
- THERMOMETER
- FLANGE
- UNION
- DRAIN VALVE
- AIR VENT

drawing title MECHANICAL PIPING DIAGRAM		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale N.T.S.
	mark	project PRUDENCE CRANDALL MUSEUM RENOVATIONS	drawn by AD
	date	1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	approved by TEN
	description	CAD no. M-302 Mec:anical Piping Diagram	drawing no. M-302



CONTROLS LEGEND	
	FAN OR PUMP
	THERMOSTAT
	TEMPERATURE SENSOR
	THERMOSTAT / HUMIDISTAT
	FLOW SENSOR
	TEMPERATURE SENSOR
	HAND OFF AUTO
	SMOKE DETECTOR
	VARIABLE FREQUENCY DRIVE
	VARIABLE SPEED DRIVE
	ELECTRIC DUCT HEATER
	DIFFERENTIAL PRESSURE SWITCH
	SOLENOID VALVE OPERATOR
	MOTORIZED DAMPER
	SUPPLY AIR TEMPERATURE
	FLOW METER
	CONTROL VALVE MODULATING
	RUN INDICATOR
	START/STOP
	OXYGEN SENSOR
	FAN ALARM
	MOTORIZED DAMPER
	SPEED CONTROL
	NORMALLY CLOSED
	NORMALLY OPEN
	LOAD WATER
	HEAT/COOL
	HEAT/COOL
	STAGE 1
	STAGE 21
	OUTSIDE AIR INTAKE
	EXHAUST AIR
	EXHAUST FAN
	RETURN AIR
	SUPPLY AIR
	HEAT/COOL COIL
	ZONE DAMPER-ZONE 1

--- (E) CONTROL WIRING
 --- (N) CONTROL WIRING
 → FLOW DIRECTION

SCHEMATIC DIAGRAM AHU-1
MUSEUM

SCHEMATIC DIAGRAM AHU-2
OFFICE

SEQUENCE OF OPERATION

THE HEATING, COOLING AND DEHUMIDIFICATION SETPOINTS SHALL BE INDIVIDUALLY ADJUSTABLE IN THE THERMOSTAT PROGRAM SCHEDULE. THE THERMOSTAT SHALL HAVE A MINIMUM DEADBAND OF 2 F (NO MECHANICAL HEATING OR COOLING SHALL OPERATE WITHIN THIS DEADBAND). SPACE TEMPERATURE DEVIATION ABOVE THE COOLING SETPOINT OR BELOW THE HEATING SETPOINT SHALL GENERATE A DEMAND SIGNAL TO CONTROL THE SYSTEM AS FOLLOWS:

HEATING:

THE THERMOSTAT SHALL CONTROL THE HEATING OUTPUT BASED ON THE DEMAND SIGNAL COMMUNICATED FROM THE THERMOSTAT PROGRAM, TAKING INTO ACCOUNT BOTH SPACE TEMPERATURE DEVIATION (PROPORTIONAL GAIN) AND THE DURATION OF THAT TEMPERATURE DEVIATION (INTEGRAL GAIN).

UPON SENSING A SPACE TEMPERATURE BELOW SET POINT, THE THERMOSTAT SHALL SEND A CALL FOR HEAT TO THE AHU CONTROL PANEL. THE AHU CONTROL PANEL SHALL INDEX THE CONTROL VALVE OPEN, AND INITIATE A BOILER DEMAND SIGNAL TO THE BOILER CONTROL PANEL. WHEN THE HOT WATER COIL AQUASTAT REACHES 140°F SUPPLY WATER TEMPERATURE, THE AHU CONTROL PANEL ENERGIZES THE AHU FAN TO MAINTAIN THE SET ROOM TEMPERATURE

THE BOILER CONTROL PANEL SHALL ENERGIZE THE SECONDARY HOT WATER PUMP AND THE LEAD BOILER AND RELATED BOILER PRIMARY PUMP. IN THE EVENT, THE LEAD BOILER IS UNABLE TO MAINTAIN THE HWS TEMPERATURE, THE LAG BOILER/PUMP SHALL BE ENERGIZED. THE LEAD BOILER SHALL ALWAYS BE BOILER B-2. SECONDARY PUMP HAS ECM MOTOR WITH BUILT IN VARIABLE DIFFERENTIAL PRESSURE CONTROL (ΔP-V) WHICH INCREASES DIFFERENTIAL PRESSURE (ADJUSTABLE) PROPORTIONALLY

TO THE FLOW.

COMBUSTION AIR FAN HAS BUILT-IN AIRFLOW-PROOF SWITCH. AIRFLOW-PROOF SWITCH IS INTERLOCKED WITH BURNER AND WILL NOT ALLOW BURNER TO OPERATE IF COMBUSTION AIR NOT PROVIDED. LOW WATER CUT-OFF WILL DISABLE BURNER IF WATER LEVEL IN THE SYSTEM IS INSUFFICIENT.

COOLING:

THE THERMOSTAT SHALL CONTROL THE COOLING OUTPUT BASED ON THE DEMAND SIGNAL COMMUNICATED FROM THE THERMOSTAT PROGRAM, TAKING INTO ACCOUNT BOTH SPACE TEMPERATURE DEVIATION (PROPORTIONAL GAIN) AND THE DURATION OF THAT TEMPERATURE DEVIATION (INTEGRAL GAIN).

UPON SENSING A SPACE TEMPERATURE ABOVE SET POINT, THE THERMOSTAT SHALL SEND A CALL FOR COOLING TO THE AHU CONTROL PANEL. THE AHU CONTROL PANEL SHALL ENERGIZE THE AIR HANDLER FAN AND ENERGIZE THE AIR-COOLED CONDENSER.

DEHUMIDIFICATION:

THE THERMOSTAT SHALL CONTROL TO THE DESIRED DEHUMIDIFICATION LEVEL USING THE DEHUMIDIFIER. UPON RECEIVING A CALL FOR DEHUMIDIFICATION, THE THERMOSTAT SHALL ENERGIZE THE SUPPLY FAN AND THE DEHUMIDIFIER.

HEATING AND COOLING SCHEDULE:

INITIATION OF HEATING SETBACK OR COOLING SETUP FOR EACH OF 7 DAYS SHALL BE PROVIDED BY A PROGRAMMED TIME SCHEDULE MANUALLY ENTERED INTO THE THERMOSTAT. THE THERMOSTAT SHALL PROVIDE TWO OCCUPIED AND TWO UNOCCUPIED PERIODS PER DAY. WHEN ALL OR A PORTION OF A MANUALLY PROGRAMMED SCHEDULE IS UNAVAILABLE, THE THERMOSTAT SHALL CONTROL TO THE DEFAULT PROGRAM SCHEDULE.

THE THERMOSTAT SHALL PROVIDE ADJUSTABLE RECOVERY RAMP FOR HEATING AND COOLING. THE THERMOSTAT WILL BEGIN HEATING OR COOLING RECOVERY EARLY TO ENSURE THAT THE TEMPERATURE IS REACHED AT THE SCHEDULED TIME.

THE THERMOSTAT REQUIRES THE CURRENT TIME TO BE SET TO FOLLOW THE USER'S DESIRED PROGRAM SCHEDULE. THE THERMOSTAT WILL AUTOMATICALLY UPDATE THE CURRENT TIME FOR DAY LIGHT SAVING TIME IF THIS OPTION IS TURNED ON.

FAN OPERATION:

FAN OPERATION SHALL BE SELECTABLE ON THE THERMOSTAT AS FOLLOWS:

- ON: FAN IS ALWAYS ON.
- AUTO: FAN RUNS ONLY WHEN THE HEATING OR COOLING SYSTEM IS ON.
- FOLLOW SCHEDULE: AHU CONTROL PANEL BY THE PROGRAM SCHEDULE. THE THERMOSTAT WILL TURN ON THE FAN 1-3 HOURS BEFORE THE OCCUPIED PERIOD WHEN THE PRE-OCCUPANCY PURGE SETTING IS TURNED ON.

THE THERMOSTAT SHALL BE SET TO "AUTO".

POWER INTERRUPTION:

ON LOSS OF POWER, THE THERMOSTAT SHALL MAINTAIN PROGRAMMED TIMES AND TEMPERATURES FOR 10 YEARS. CURRENT TIME AND DATE SHALL BE MAINTAINED FOR A MINIMUM OF 4 YEARS ASSUMING 2 WEEKS OF POWER OUTAGES EACH YEAR.

OVERRIDES

TEMPORARY OVERRIDE: AFTER TOUCHING THE OVERRIDE BUTTON OR ADJUSTING THE TEMPERATURE SETPOINT,

THE THERMOSTAT SHALL USE A PRE-SET OCCUPIED TEMPERATURE. THE NEW TEMPERATURE WILL BE MAINTAINED FOR 1 HOUR AND CAN BE ADJUSTED UP TO THE MAXIMUM OVERRIDE DURATION OF 3 HOURS.

THE THERMOSTAT PROVIDES THREE LEVELS OF KEYPAD LOCKOUT TO PREVENT CHANGES TO THE THERMOSTAT: UNLOCKED, PARTIAL LOCKOUT AND FULL LOCKOUT.

THE THERMOSTAT PROVIDES HEATING AND COOLING TEMPERATURE RANGE STOPS TO LIMIT TEMPERATURE SETPOINT ADJUSTMENTS.

REMINDERS AND ALARMS

THE THERMOSTAT SHALL PROVIDE AN ALERT ON THE DISPLAY WHEN THE HVAC FILTER REQUIRES REPLACEMENT OR CLEANING.

THE THERMOSTAT SHALL PROVIDE AN ALERT ON THE DISPLAY WHEN MAINTENANCE IS REQUIRED ON THE DEHUMIDIFICATION AND VENTILATION EQUIPMENT.

THE THERMOSTAT SHALL PROVIDE AN ALERT ON THE DISPLAY WHEN A PROBLEM IS DETECTED BY A DRY CONTACT DEVICE CONNECTED TO THE UNIVERSAL SENSOR INPUTS

drawing title MECHANICAL CONTROL DIAGRAM		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale N.T.S.
	mark	date	description
	project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by AD approved by TEN drawing no.
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		M-400	
CAD no. M-400 Mechanical Control Diagram	project no. BI-RR-28		

PANEL SCHEDULE "PP"

PANEL	"PP"	BUS	225	AMP MAIN LUGS ONLY	VOLTAGE	120/240V,	1PH, 3 WIRE							
LOAD	-	POLES	42											
MOUNTING	SURFACE	SPEC	-	AIC SYMM	22,000									
DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	KVA A PHASE	KVA B PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION	
AC-1	1	8	10	3/4"	50A	3432	275		2	20A		12	LIGHTING - BASEMENT	
AC-2	1	8	10	3/4"	50A	3432			4	20A		12	SPARE	
DH-1		12	12	1/2"	15A	804	120		6	20A		12	SPARE	
DH-2		12	12	1/2"	15A	804	120		8	20A		12	CP-1	
AHU-1	1	10	10	1/2"	30A	1830			10	20A		12	CP-2	
AHU-2	1	10	10	1/2"	20A	1373			14	20A		12	SPARE	
(E)B-1		12	12	1/2"	20A	936			16	20A		12	SPARE	
(E)B-2		12	12	1/2"	20A	936			18	20A		12	SPARE	
P-1		12	12	1/2"	20A	828	750		20	20A	1/2"	12	(E)WATER HEATER	
P-2		12	12	1/2"	20A	828	750		22	20A		12	SPARE	
P-3		12	12	1/2"	20A	828	750		24	20A		12	SPARE	
CAF-1		12	12	1/2"	20A	31			26	20A	1/2"	12	(E)WATER PUMP	
CAF-2		12	12	1/2"	20A	200			28	20A		12	SPARE	
RECEPTACLE (EXTERIOR)		12	12	1/2"	20A	37	180	3600	30	20A		12	PANEL 'PPA'	
FIRE ALARM PANEL	2	12	12	1/2"	20A	39		1750	32	20A		12	PANEL 'LP'	
RECEPTACLES		12	12	1/2"	20A	41	900	1750	34	20A		12	SPARE	
SUBTOTAL						20489	18186		36	60A	1"	10	6	
TOTAL CONNECTED LOAD						38675	va	161.1	amps	$(\frac{XXX \text{ KVA}}{240V}) = \text{AMPERES}$				
TOTAL DESIGN LOAD						33919	va	141.3	amps					
125% TOTAL LOAD						42.4	kva	176.7	amps					

PANEL SCHEDULE "PPA"

PANEL	"PPA"	BUS	100	AMP MAIN LUGS ONLY	VOLTAGE	120/240V,	1PH, 3 WIRE							
LOAD	-	POLES	30											
MOUNTING	SURFACE	SPEC	-	AIC SYMM	22,000									
DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	KVA A PHASE	KVA B PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION	
(E)KITCHEN	12	12	1/2"	20A	1	300	300		2	20A			EXISTING LOADS	
(E)REAR ENTRYWAY	12	12	1/2"	20A	3			300	300	4	20A		EXISTING LOADS	
(E)2nd FL	12	12	1/2"	20A	5	300	300		6	20A			EXISTING LOADS	
(E)GIFT SHOP	12	12	1/2"	20A	7			300	300	8	20A		EXISTING LOADS	
(E)MICROWAVE	12	12	1/2"	20A	9	300	300		10	20A			EXISTING LOADS	
(E)COFFEEMAKER	12	12	1/2"	20A	11			300	300	12	20A		EXISTING LOADS	
(E)PHONE OUTLET	12	12	1/2"	20A	13	300	300		14	20A			EXISTING LOADS	
(E)2nd FL	12	12	1/2"	20A	15			300	300	16	20A		EXISTING LOADS	
EXISTING LOAD	12	12	1/2"	20A	17	300	180		18	20A			RECEPTACLE-BATHROOM	
EXISTING LOAD	12	12	1/2"	20A	19			300	720	20	20A		RECEPTACLES-KITCHEN	
EXISTING LOAD	12	12	1/2"	20A	21	300				22	20A		SPARE	
EXISTING LOAD	12	12	1/2"	20A	23			300		24	20A		SPARE	
EXIT SIGNS	2	12	12	1/2"	20A	25	20		26				SPACE	
INVERTERS FOR HALL/STAIR LTG	2	12	12	1/2"	20A	27		312		28			SPACE	
INVERTERS FOR HALL/STAIR LTG	2	12	12	1/2"	20A	29	312		30				SPACE	
SUBTOTAL						3600	3300							
TOTAL CONNECTED LOAD						6900	va	28.8	amps	$(\frac{XXX \text{ KVA}}{240V}) = \text{AMPERES}$				
TOTAL DESIGN LOAD						6900	va	28.8	amps					
125% TOTAL LOAD						8.6	kva	35.9	amps					

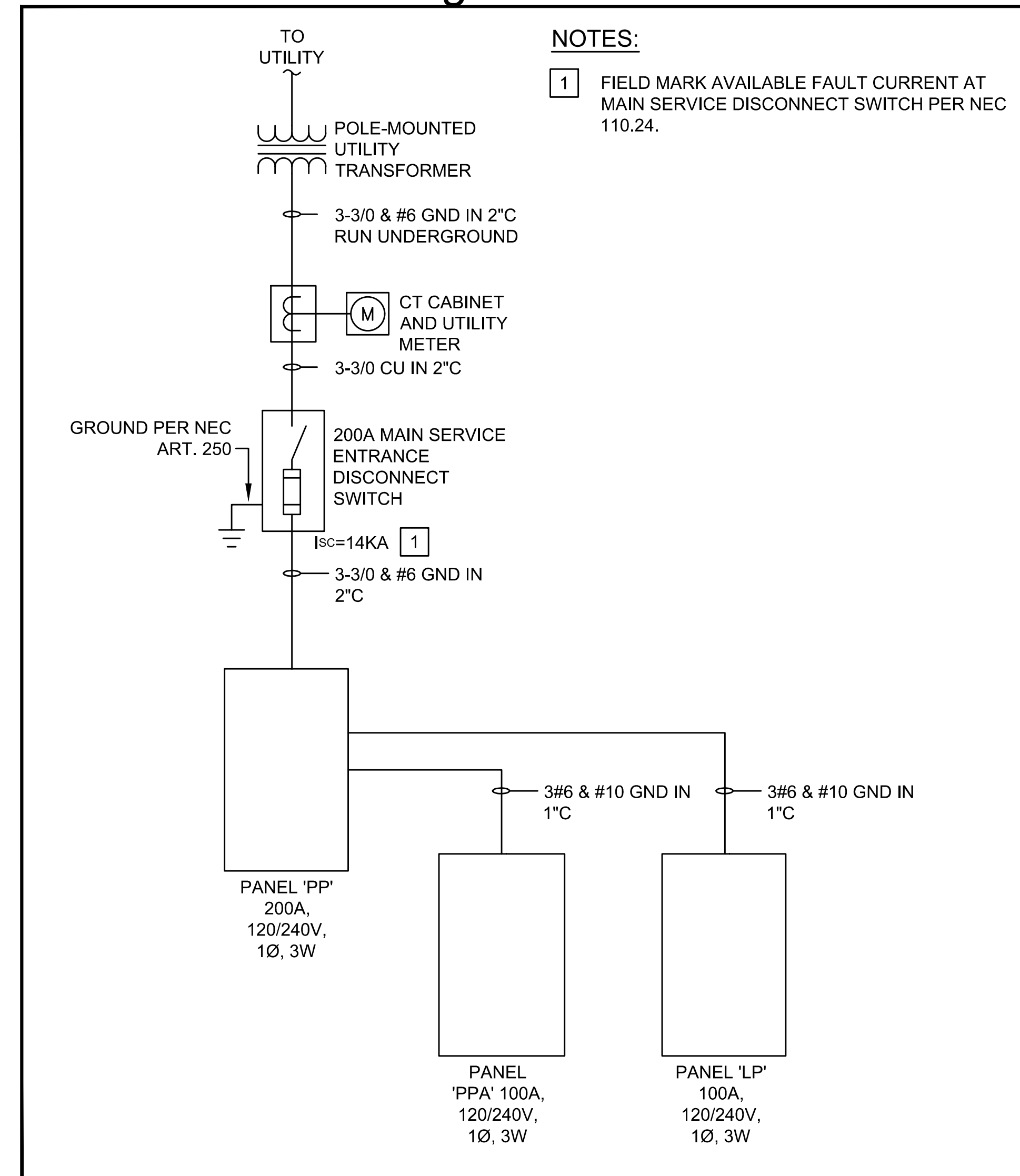
PANEL SCHEDULE "LP"

PANEL	"LP"	BUS	100	AMP MAIN LUGS ONLY	VOLTAGE	120/240V,	1PH, 3 WIRE							
LOAD	-	POLES	30											
MOUNTING	SURFACE	SPEC	-	AIC SYMM	22,000									
DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	KVA A PHASE	KVA B PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION	
(E)DINING ROOM (RM 110)	12	12	1/2"	20A	1	300	300		2	20A	1/2"	12	(E)NE PARLOR (RM 111)	
(E)LIBRARY (RM 210)	12	12	1/2"	20A	3			300	300	4	20A	1/2"	12	(E)2nd SE EXHIBIT (RM 212)
(E)2nd NE EXHIBIT (RM 211)	12	12	1/2"	20A	5	300	300		6	20A	1/2"	12	(E)1st FL WORKROOM (RM 19)	
(E)1st FL HALL LIGHTING	2,3	12	12	1/2"	20A	7		300		8	20A		SPARE	
(E)UPSTAIRS HALL	2,3	12	12	1/2"	20A	9	300		10	20A			SPARE	
(E)SE PARLOR (RM 112)	12	12	1/2"	20A	11			300		12	20A		SPARE	
EXIT SIGNS	2	12	12	1/2"	20A	13	10		14	20A			SPARE	
SPACE					15				16	20A			SPARE	
SPACE					17				18	20A			SPARE	
SPACE					19				20	20A			SPARE	
SPACE					21				22	20A			SPARE	
SPACE					23				24	20A			SPARE	
SPACE					25				26				SPACE	
SPACE					27				28				SPACE	
SPACE					29				30				SPACE	
SUBTOTAL						-	-							
TOTAL CONNECTED LOAD						3600	va	15	amps	$(\frac{XXX \text{ KVA}}{240V}) = \text{AMPERES}$				
TOTAL DESIGN LOAD						3600	va	15	amps					
125% TOTAL LOAD						4.5	kva	18.8	amps					

PANEL SCHEDULE KEY NOTES

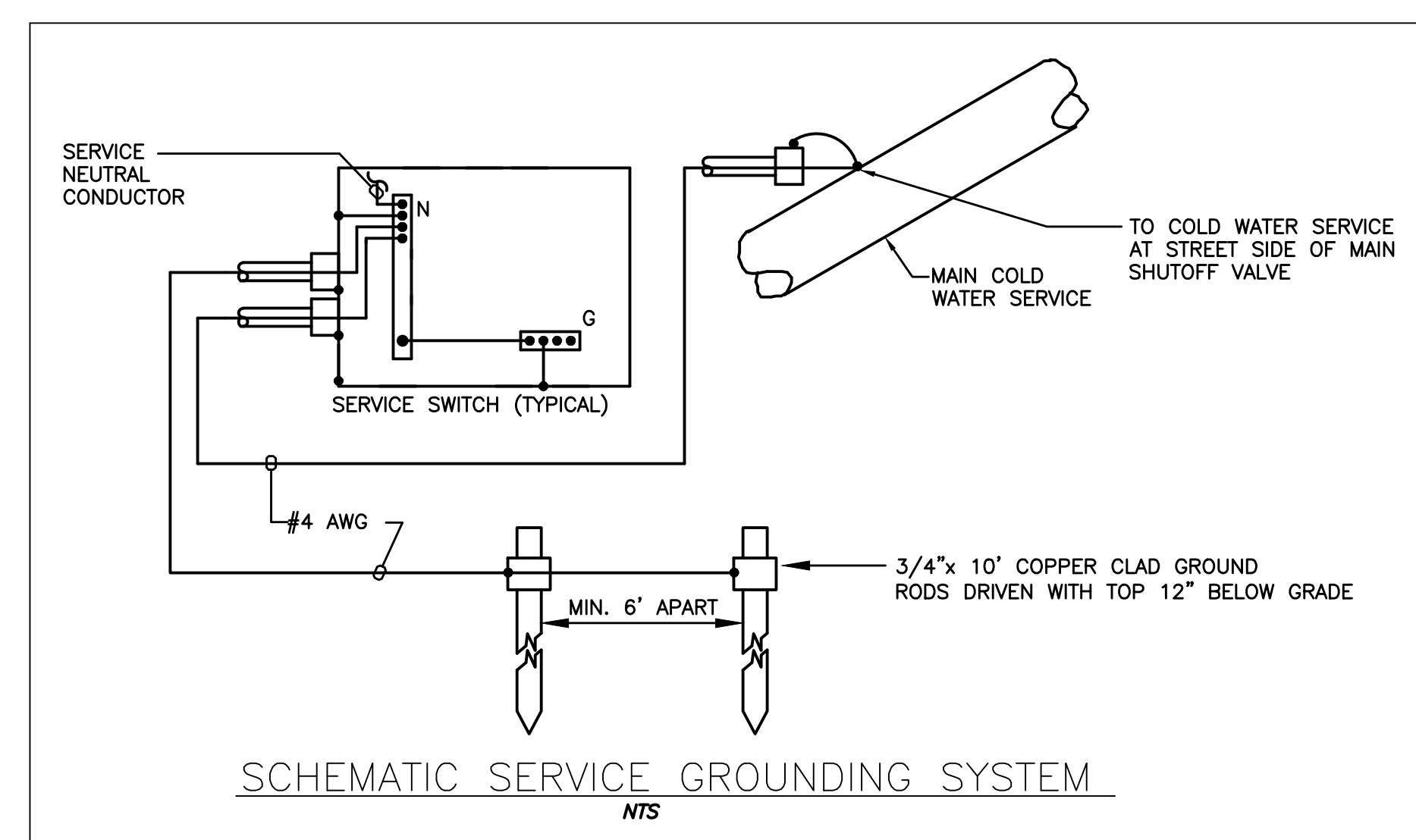
1. PROVIDE HACR TYPE CIRCUIT BREAKERS
2. PROVIDE LOCKING CLIPS
3. CIRCUIT VIA MINI INVERTER

New One Line Diagram

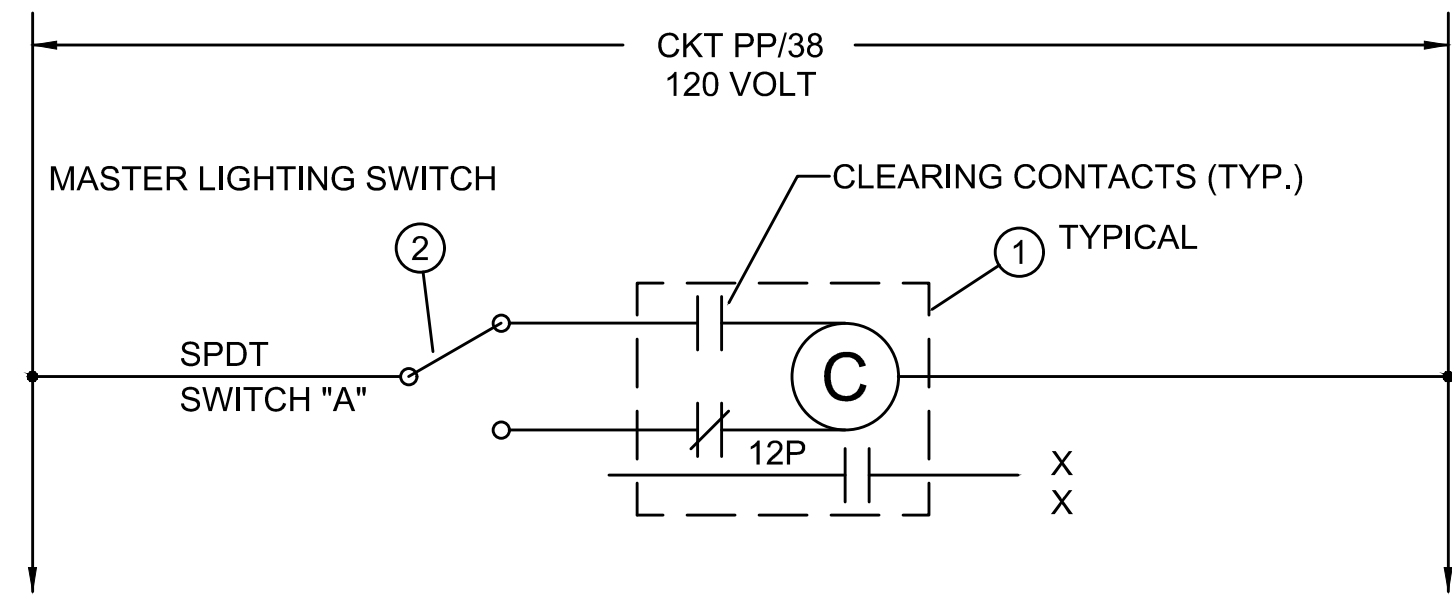


- #### LEGEND
- \$ SINGLE POLE SWITCH
 - # HOMERUN WITH CIRCUIT DESIGNATION
 - LC LIGHTING CONTACTOR
 - 30A DISCONNECT SWITCH W/RATING 3R - NEMA 3R
 - MSB MASTER LIGHTING SWITCH
 - SPD SURGE PROTECTION DEVICE
 - (E) EXISTING TO REMAIN
 - (R) EXISTING TO BE REMOVED AND PROPERLY DISPOSED
 - UTILITY METER
 - SLIM LED EXIT SIGN W/GREEN LETTERS IN ALUMINUM HOUSING WITH BATTERY BACK-UP THE EXIT LIGHT CO. CA-SLIM OR APPROVED EQUAL BY SURE-LITES (TPX7XG) OR LITHONIA (TLEXGELN). ARROWS AS INDICATED.
 - EMERGENCY LIGHTING UNIT
 - WP - WEATHERPROOF GFI - GROUND FAULT INTERRUPTER TYPE

- #### LTG LINETYPES
- COMMON CIRCUIT
 - - - - COMMON SWITCH
 - - - - SWITCH LEG



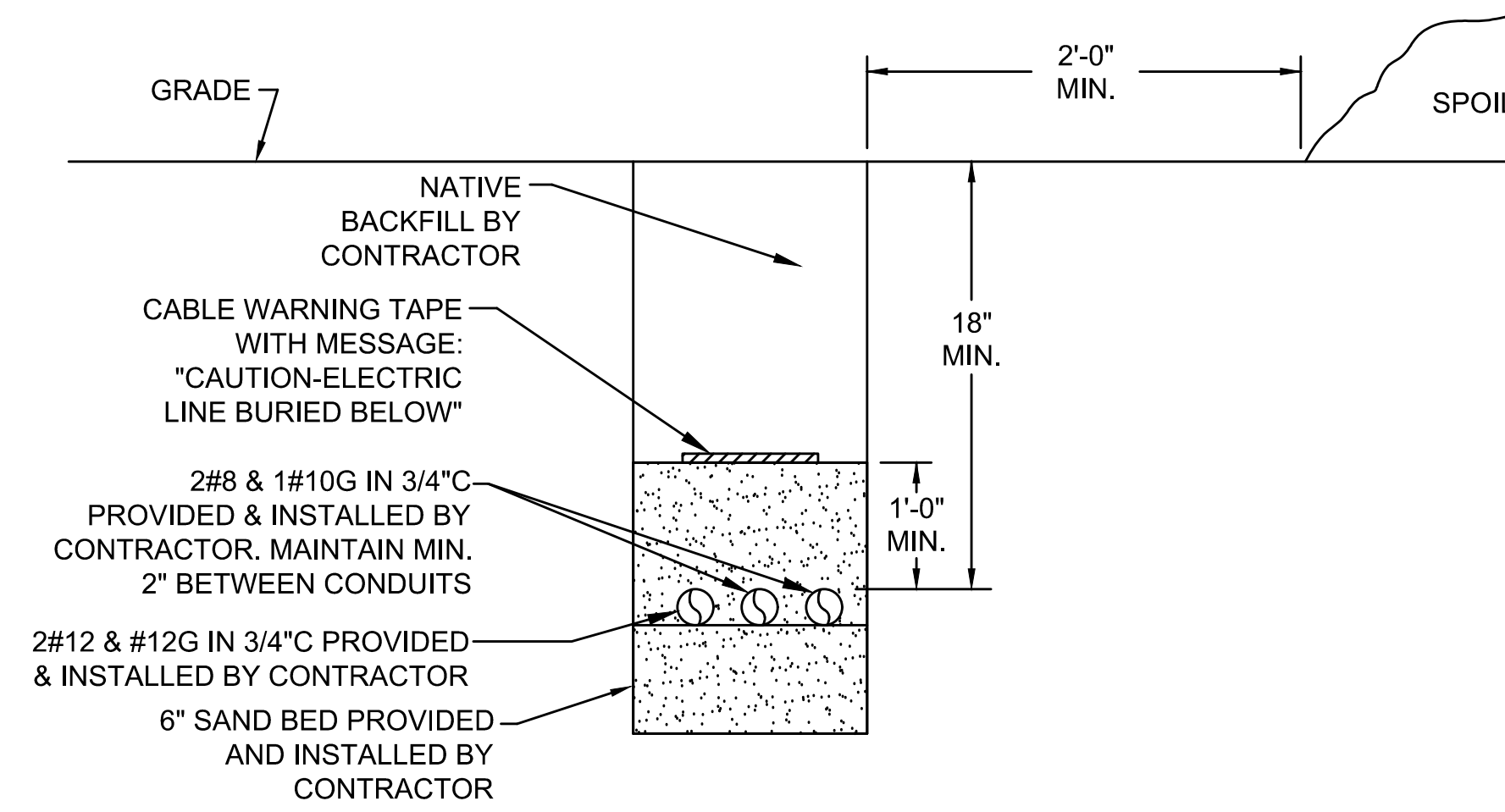
drawing title		STATE OF CONNECTICUT	
ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULES		DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by	date
	mark	LANDMARK FACILITIES GROUP, INC.	11/19/2019
	date	252 EAST AVENUE	scale
	description	NORWALK, CT 06855	NONE
project		drawn by	
PRUDENCE CRANDALL MUSEUM RENOVATIONS		ECL	
1 SOUTH CANTERBURY ROAD		approved by	
CANTERBURY, CT 06331		ECL	
CAD no.		drawing no.	
E-100 Electrical Riser Diagram and Panel Schedules	BI-RR-28		



NOTES:

- ① PROVIDE NEW MECHANICALLY HELD LIGHTING CONTACTOR ASCO 927, SQUARE D TYPE LX, OR EATON C30CN WITH LOAD CONTACTS AS INDICATED ON CONTACTOR DIAGRAM. MOUNT CONTACTOR IN NEMA 1 ENCLOSURE WITH LOCKABLE HINGED DOOR COVER.
- ② PROVIDE SPDT 120VAC, 20 AMP, HUBBELL #1556I SERIES SWITCH, GARDNER BENDER GSW OR BRYANT 48211

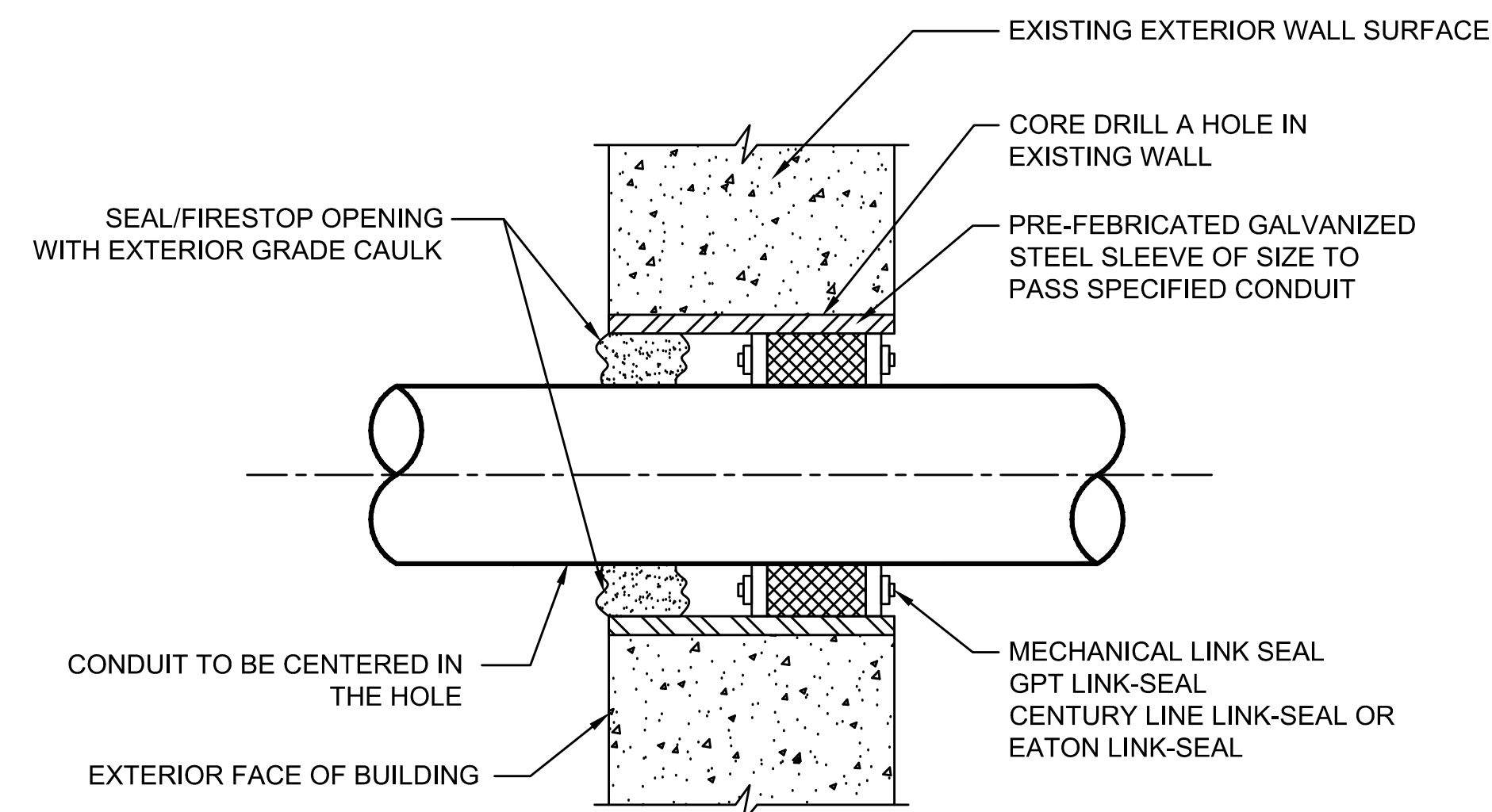
LIGHTING CONTACTOR DIAGRAM
NOT TO SCALE



NOTE:

SAND SHALL PASS THROUGH A 3/8" MESH SCREEN AND SHALL NOT CONTAIN SHARP STONES. OTHER BACKFILL SHALL NOT CONTAIN ASHES, CINDERS, SHELL, FROZEN MATERIAL, LOOSE DEBRIS OR STONES LARGER THAN 2" IN DIAMETER. THE TRENCH SHALL BE BACKFILLED IMMEDIATELY FOLLOWING PLACEMENT OF THE CABLES AND AFTER UTILITY INSPECTION.

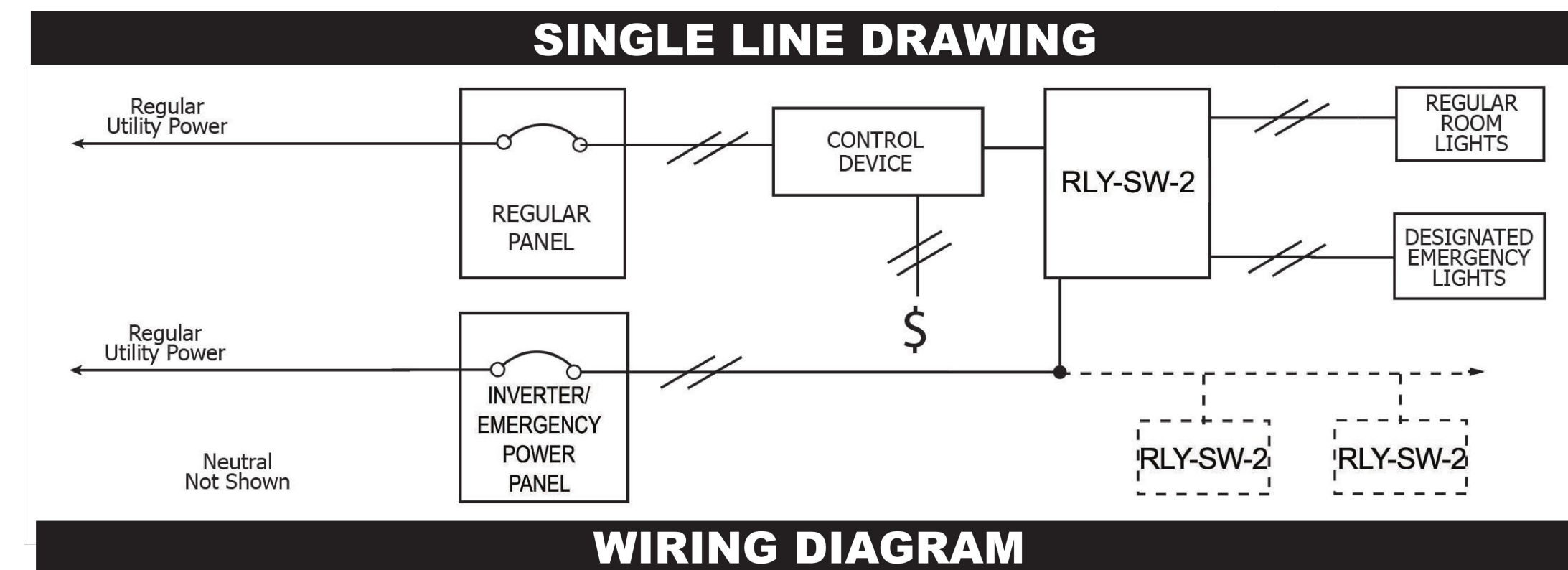
SECTION A-A: UNDERGROUND ELECTRICAL TRENCH DETAIL
NO SCALE



NOTES:

- 1. REFER TO U.L. FIRE STOPPING DETAIL#: C-AJ-1149 & C-AJ-1150 FOR FIRE STOPPING REQUIREMENTS.
- 2. REFER TO ARCHITECTURAL DETAIL 15 ON DRAWING A-301 FOR FOUNDATION WALL MECHANICAL PENETRATION FOR FURTHER INFORMATION.

CONDUIT SLEEVE THRU EXTERIOR WALL
SCALE: NOT TO SCALE

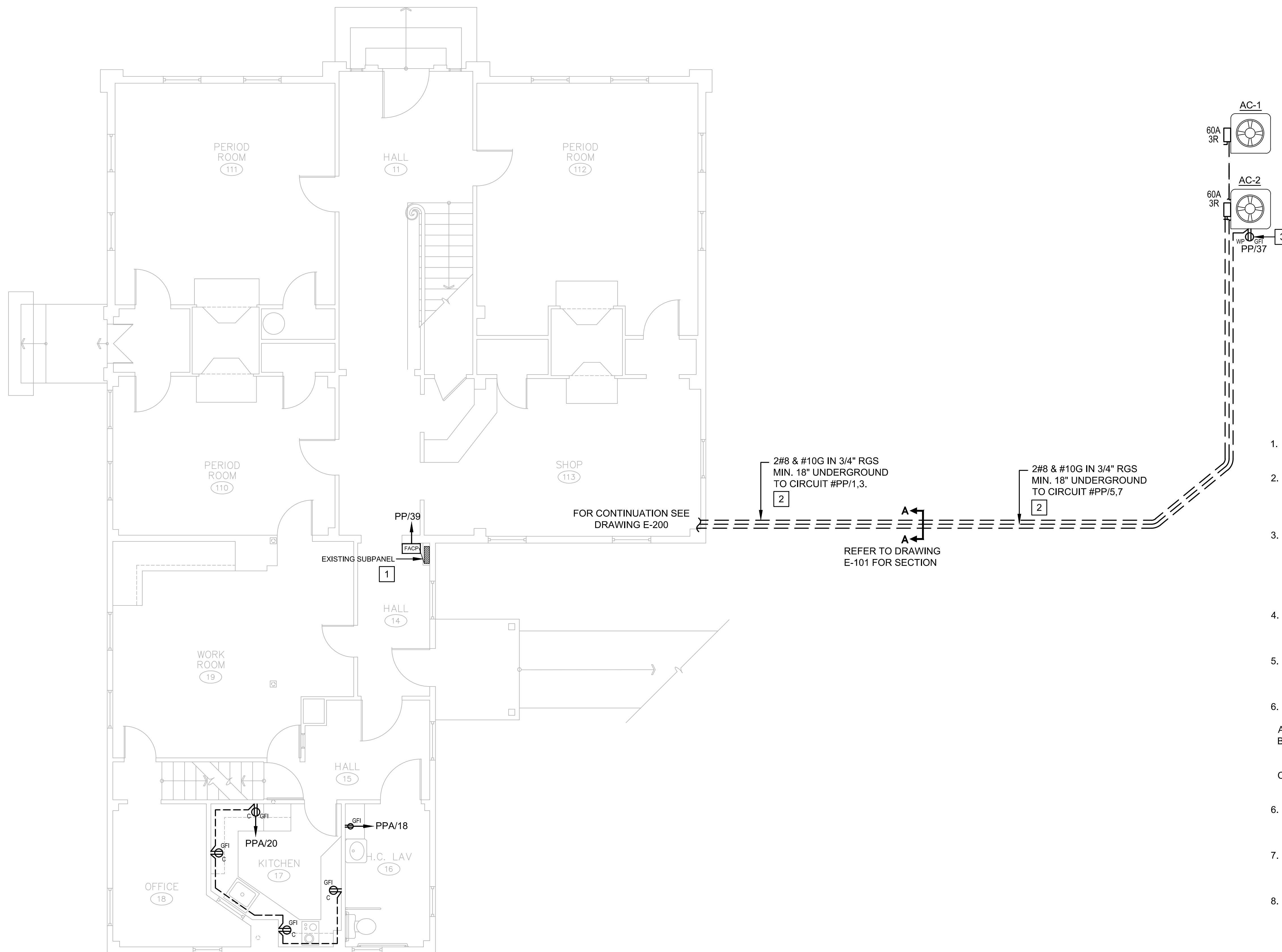


MINI INVERTER AND SHUNT TRIP WIRING DETAIL

drawing title ELECTRICAL DETAILS		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	drawn by ECL approved by ECL drawing no.
CAD no. E-101 Electrical Details	project no. BI-RR-28		E-101

NOTES:

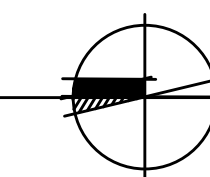
- 1 EXISTING SUBPANEL TO BE REMOVED AND PROPERLY DISPOSED. EXTEND EXISTING CIRCUITS TO REMAIN ACTIVE TO NEW PANEL IN WORK ROOM ON SECOND FLOOR. RETAIN EXISTING PANEL BACK BOX FOR USE AS A JUNCTION BOX AND PROVIDE COVER PLATE.
- 2 FOLLOW ROUTING OF CONDUIT WITH REFRIGERANT PIPING. COORDINATE WITH MECHANICAL CONTRACTOR.
- 3 PROVIDE IN-USE COVERPLATE FOR RECEPTACLE.



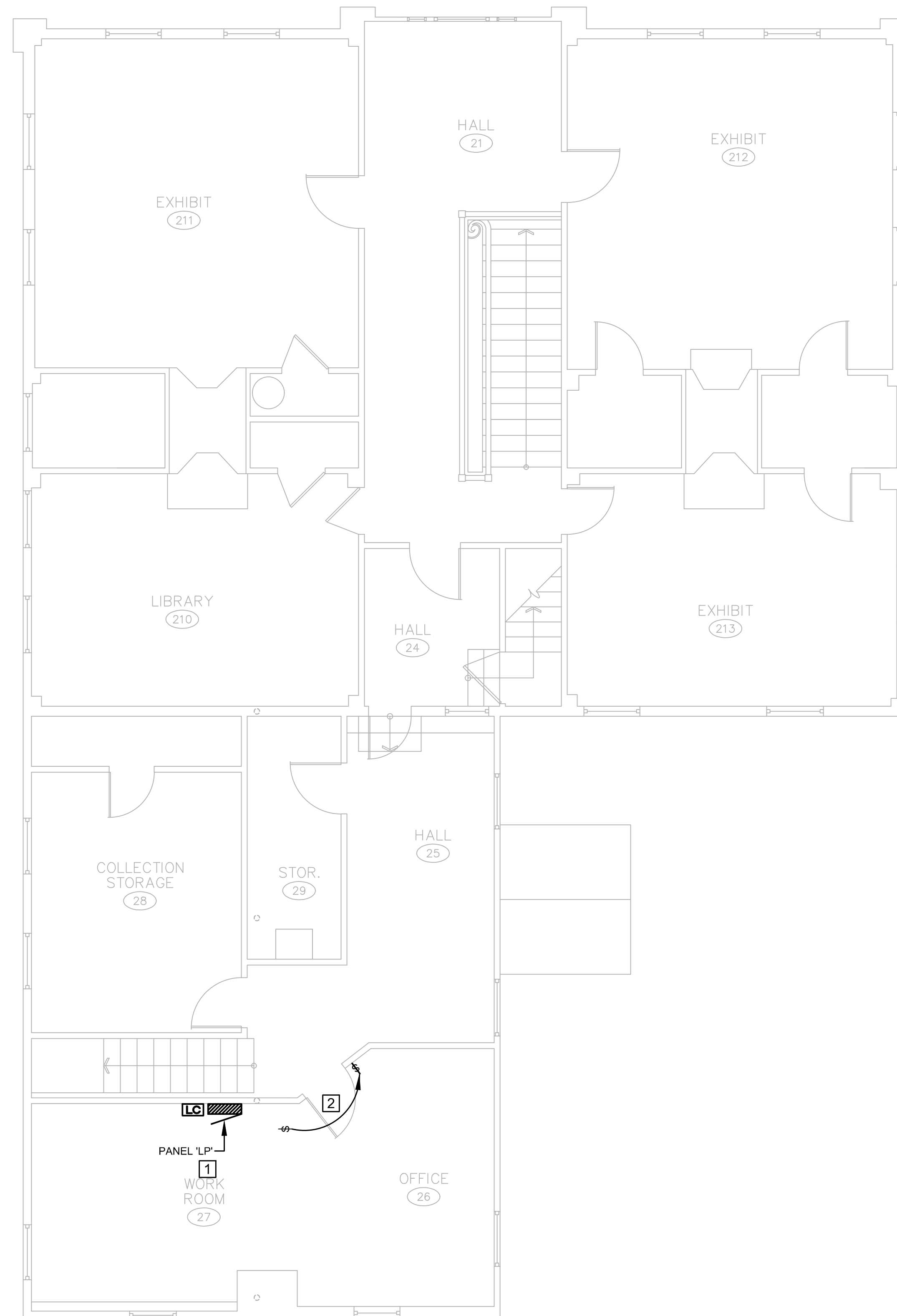
DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF* BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 FIRST FLOOR PLAN
1/4" = 1'-0"



drawing title FIRST FLOOR POWER PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale 1/4" = 1'-0"
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by ECL	approved by ECL
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawing no.	E-201
CAD no. E-201 First Floor Power Plan	project no. BI-RR-28		



NOTES:

- 1 EXTEND EXISTING CIRCUITS TO REMAIN ACTIVE TO NEW PANEL 'LP' FROM EXISTING SUBPANEL ON FIRST FLOOR (TO BE REMOVED).
- 2 REMOVE EXISTING SWITCH ON WALL TO BE DEMOLISHED AND REWIRE SWITCH LEG TO NEW WALL SWITCH AS SHOWN.

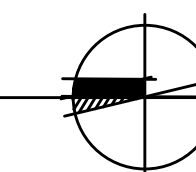
GENERAL NOTES:

- 1. ALL EQUIPMENT SHOWN IS NEW UNLESS OTHERWISE NOTED WITH '(E)' FOR EXISTING.

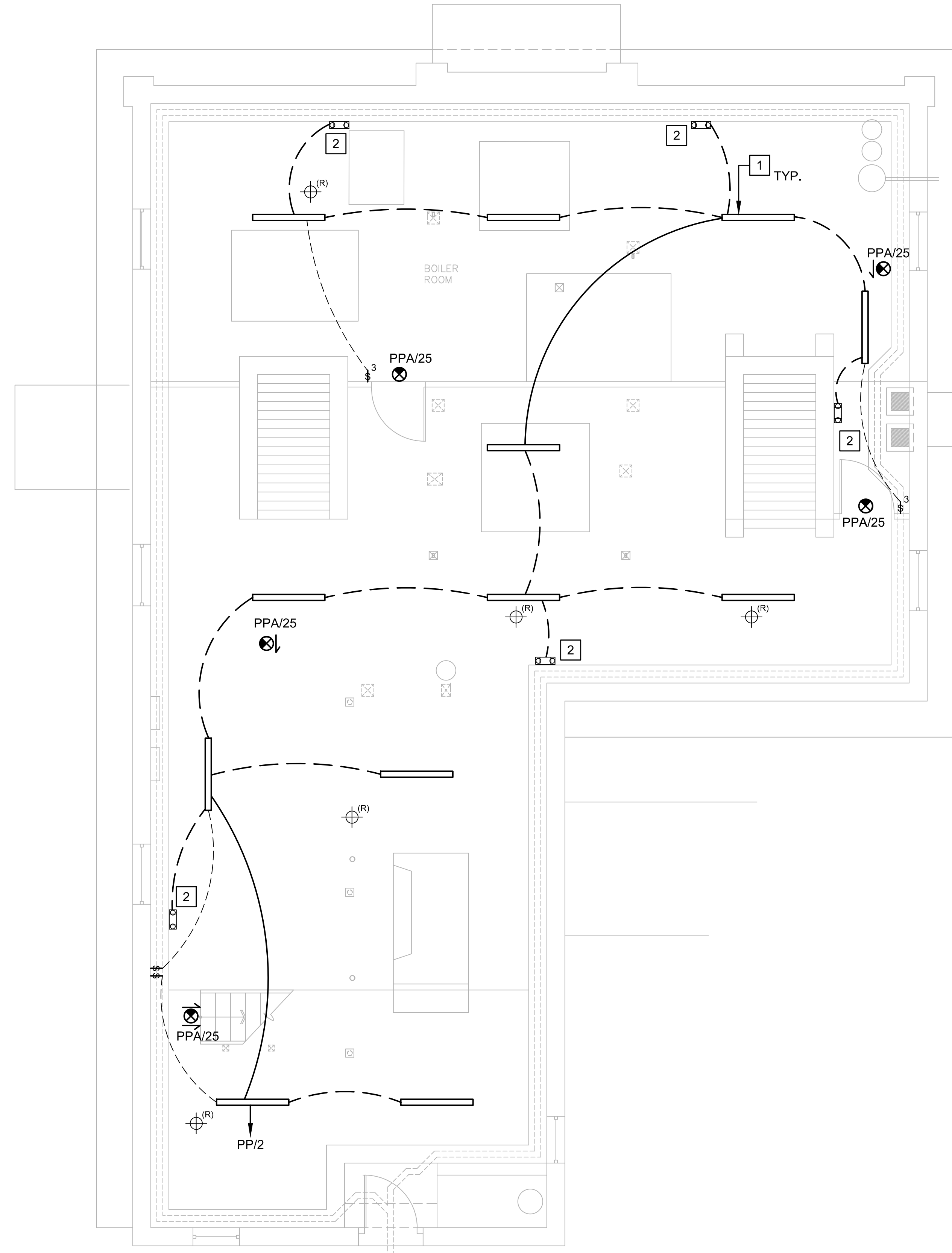
DEMOLITION NOTES:

- 1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
- 2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
- 3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF™ BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
- 4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
- 5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
- 6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
- 6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
- 7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
- 8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
- 9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 SECOND FLOOR PLAN
1/4" = 1'-0"



drawing title SECOND FLOOR POWER PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. E-202 Second Floor Power Plan		project no. BI-RR-28	
		drawing no. E-202	



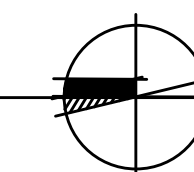
NOTES:

- 1 CONTRACTOR TO REMOVE EXISTING LIGHT FIXTURES WHERE DESIGNATED AND PROVIDE 4' LINEAR STRIP LED CHAIN MOUNTED LIGHT FIXTURE SUITABLE FOR DAMP LOCATION: LITHONIA CDS L48 MVOLT DM 40K 80CRI WH HC36. ALTERNATE MANUFACTURERS: METALUX AND LIGHTOLIER. PROVIDE CHAIN LENGTH TO MAINTAIN MAXIMUM HEADROOM.
- 2 CONTRACTOR TO PROVIDE SURFACE MOUNTED EMERGENCY LIGHTING UNIT, SIMKAR SEM B SD HTR. TIE INTO BRANCH CIRCUIT SERVING LIGHTING IN AREA AND WIRE AHEAD OF LOCAL SWITCHING. ALTERNATE MANUFACTURERS: SURE-LITES OR EATON.

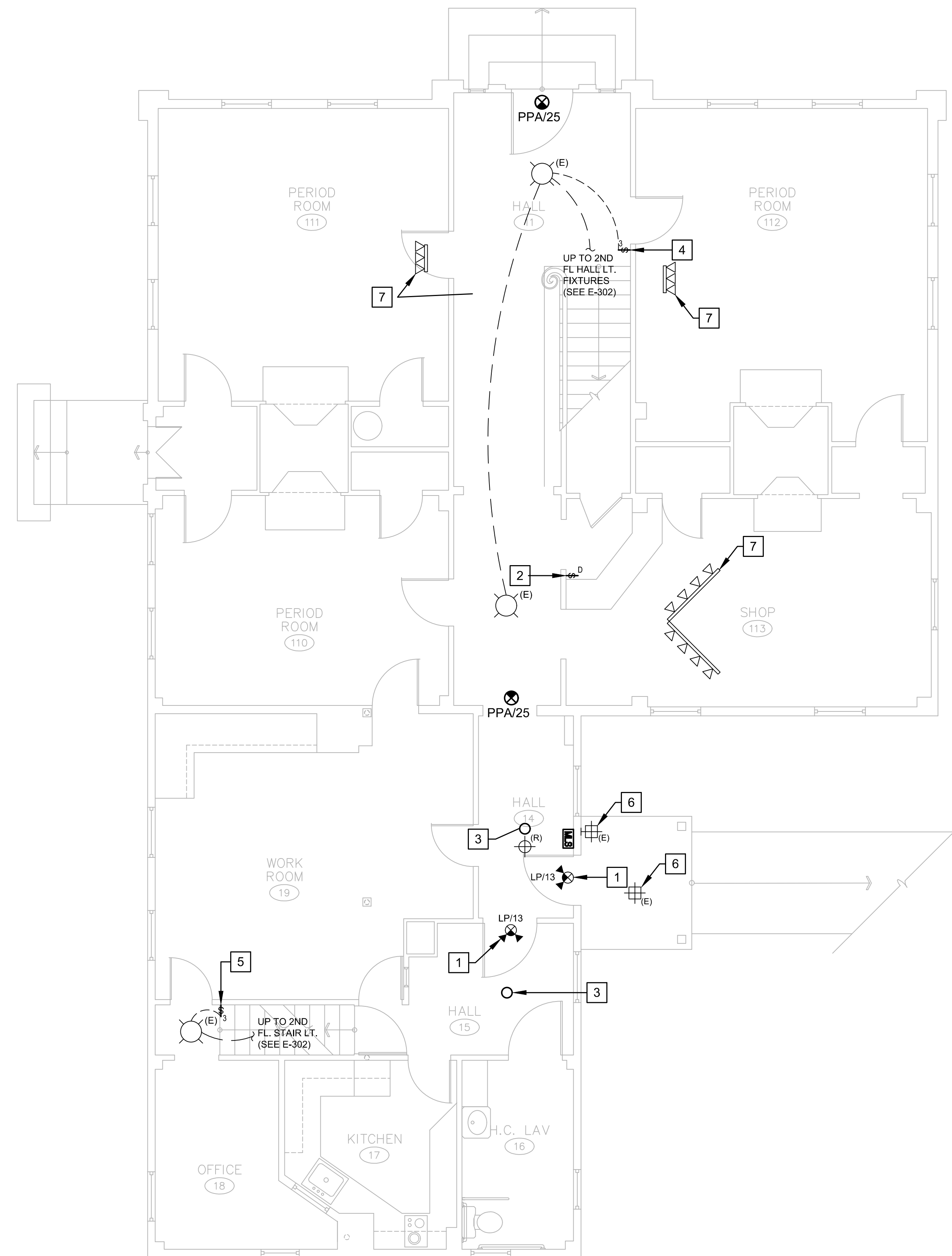
DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF* BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 BASEMENT PLAN
1/4" = 1'-0"



drawing title BASEMENT LIGHTING PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	scale
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawn by	approved by
CAD no. E-300 Basement Lighting Plan		project no. BI-RR-28	drawing no. E-300



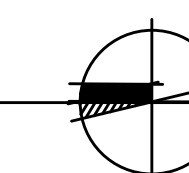
NOTES:

- 1 PROVIDE COMBINATION LED EXIT SIGN WITH INTEGRAL BATTERY BACK UP AND SELF TEST, EXIT LIGHT CO. #ELCCOMBO2-R-W-BB-ST. ALTERNATE MANUFACTURERS: SURE-LITES AND COOPER INDUSTRIES.
- 2 REPLACE EXISTING ROTARY DIMMER WITH NEW SLIDE DIMMER. LUTRON DIVA DVWCL-153PH, FINISH SELECTED BY ARCHITECT. ALTERNATE MANUFACTURERS: LEGRAND AND LEVITON.
- 3 PROVIDE RECESSED LED DOWNLIGHT WITH 4" APERTURE. WIRE TO EXISTING CIRCUIT & SWITCH SERVING THAT AREA. LITHONIA LDN4 27 10 L04 WR LD 120V EZ10. ALTERNATE MANUFACTURERS: LIGHTOLIER AND EATON.
- 4 PROVIDE 3-WAY SWITCH AT TOP AND BOTTOM OF STAIR LANDING TO CONTROL HALL LIGHTS ON 1ST AND 2ND FLOOR.
- 5 PROVIDE 3-WAY SWITCH AT TOP AND BOTTOM OF STAIR LANDING TO CONTROL STAIR LIGHTS.
- 6 PROVIDE TEMPORARY REMOVAL, STORAGE AND REPLACEMENT OF EXISTING EXTERIOR LIGHT FIXTURE.
- 7 PROVIDE TEMPORARY REMOVAL, STORAGE AND REPLACEMENT OF EXISTING LIGHT FIXTURE(S) TO FACILITATE INSTALLATION OF STRUCTURAL STEEL.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF" BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

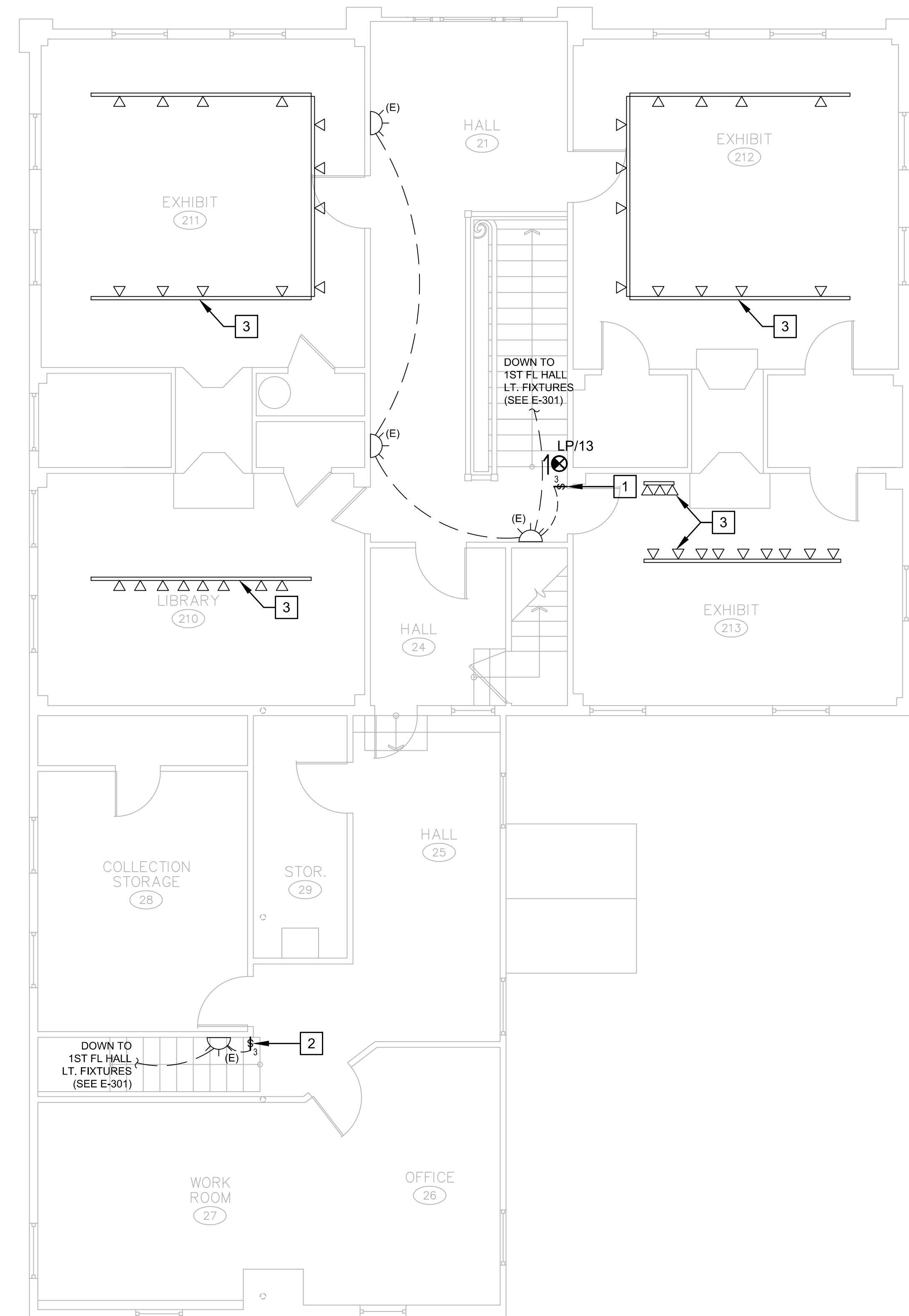
1 FIRST FLOOR PLAN
1/4" = 1'-0"



drawing title FIRST FLOOR LIGHTING PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. E-301 First Floor Lighting Plan		project no. BI-RR-28	
		drawn by ECL	
		approved by ECL	
		drawing no. E-301	

NOTES:

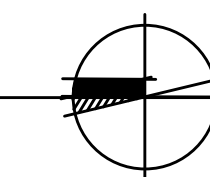
- 1 PROVIDE 3-WAY SWITCH AT TOP AND BOTTOM OF STAIR LANDING TO CONTROL HALL LIGHTS ON 1ST AND 2ND FLOOR.
- 2 PROVIDE 3-WAY SWITCH AT TOP AND BOTTOM OF STAIR LANDING TO CONTROL STAIR LIGHTS.
- 3 PROVIDE TEMPORARY REMOVAL, STORAGE AND REPLACEMENT OF EXISTING LIGHT FIXTURE(S) TO FACILITATE INSTALLATION OF STRUCTURAL STEEL.



DEMOLITION NOTES:

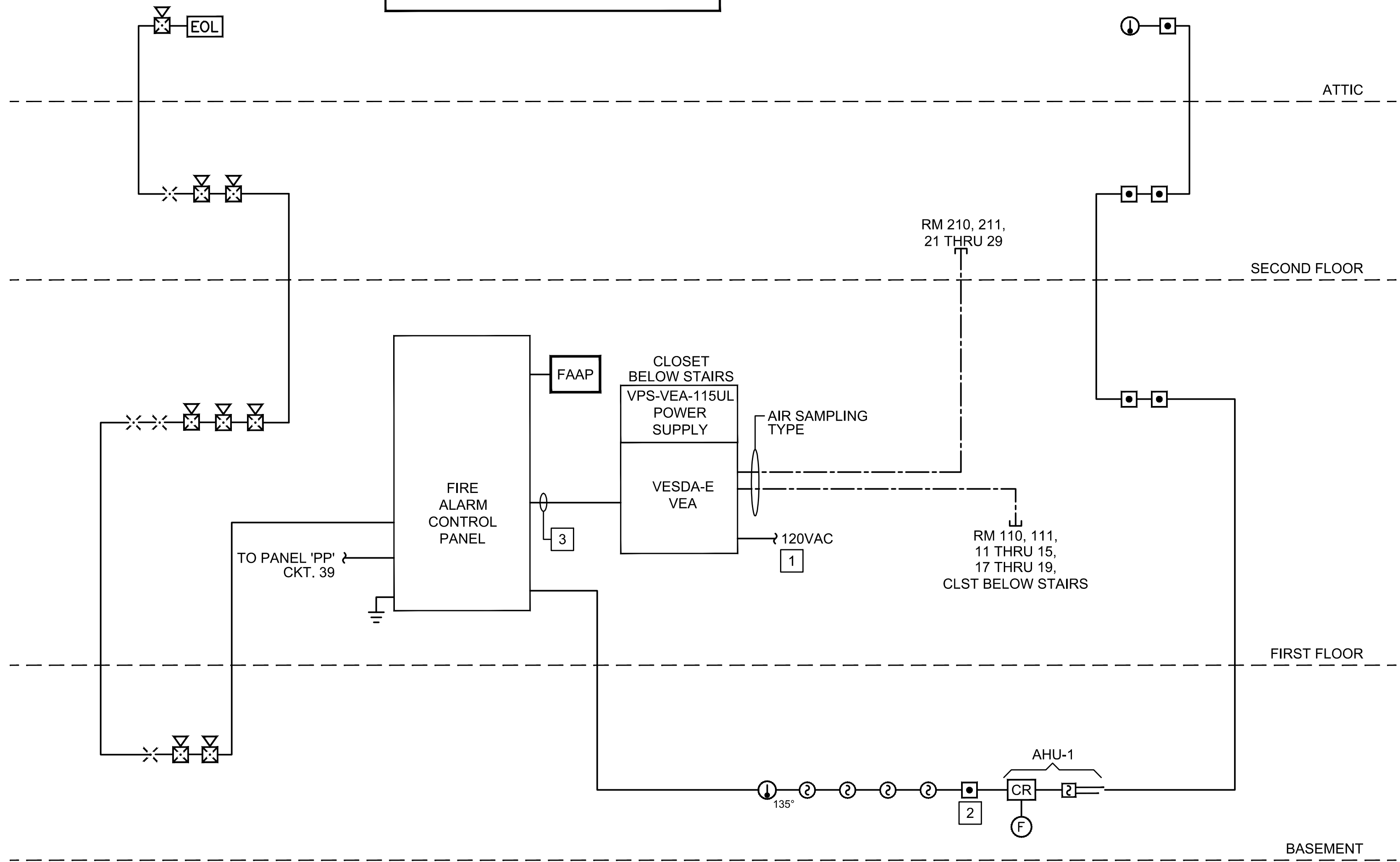
1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE PRESERVED OFF* BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 SECOND FLOOR PLAN
1/4" = 1'-0"



drawing title SECOND FLOOR LIGHTING PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale 1/4" = 1'-0"
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by ECL	approved by ECL
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		drawing no.	E-302
CAD no. E-301 First Floor Lighting Plan	project no. BI-RR-28		

FIRE ALARM WIRING SHALL BE COMPATIBLE WITH SYSTEM MANUFACTURER AND MONITORING COMPANY



FIRE ALARM RISER DIAGRAM

FIRE ALARM LEGEND

- MANUAL PULL STATION
- ⊙ SMOKE DETECTOR
- ⊙ HEAT DETECTOR W/TEMP RATING
- ⊙^{135°} STROBE LIGHT MOUNTED @ 80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER
- ⊙ HORN WITH STROBE MTD @ 80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER
- [FACP] FIRE ALARM CONTROL PANEL (AS MANUFACTURED BY F.C.I.)
- [FAAP] FIRE ALARM ANNUNCIATOR PANEL (AS MANUFACTURED BY F.C.I.)
- [2] DUCT MOUNTED SMOKE DETECTOR
- [EOL] END OF LINE DEVICE
- [VEA] VESDA PANEL. MULTI-PORT ADDRESSABLE AIR ASPIRATION SMOKE DETECTION
- ⊙ AIR ASPIRATION SMOKE DETECTOR PORT
 - co - WITH CO DETECTION
 - dd-r - DUCT DETECTION FOR RETURN DUCT
 - dd-s - DUCT DETECTION FOR SUPPLY DUCT
- [CR] CONTROL RELAY
- (F) FAN SHUTDOWN
- (R) EXISTING TO BE REMOVED AND PROPERLY DISPOSED

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES, FIRE ALARM DEVICES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF" BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

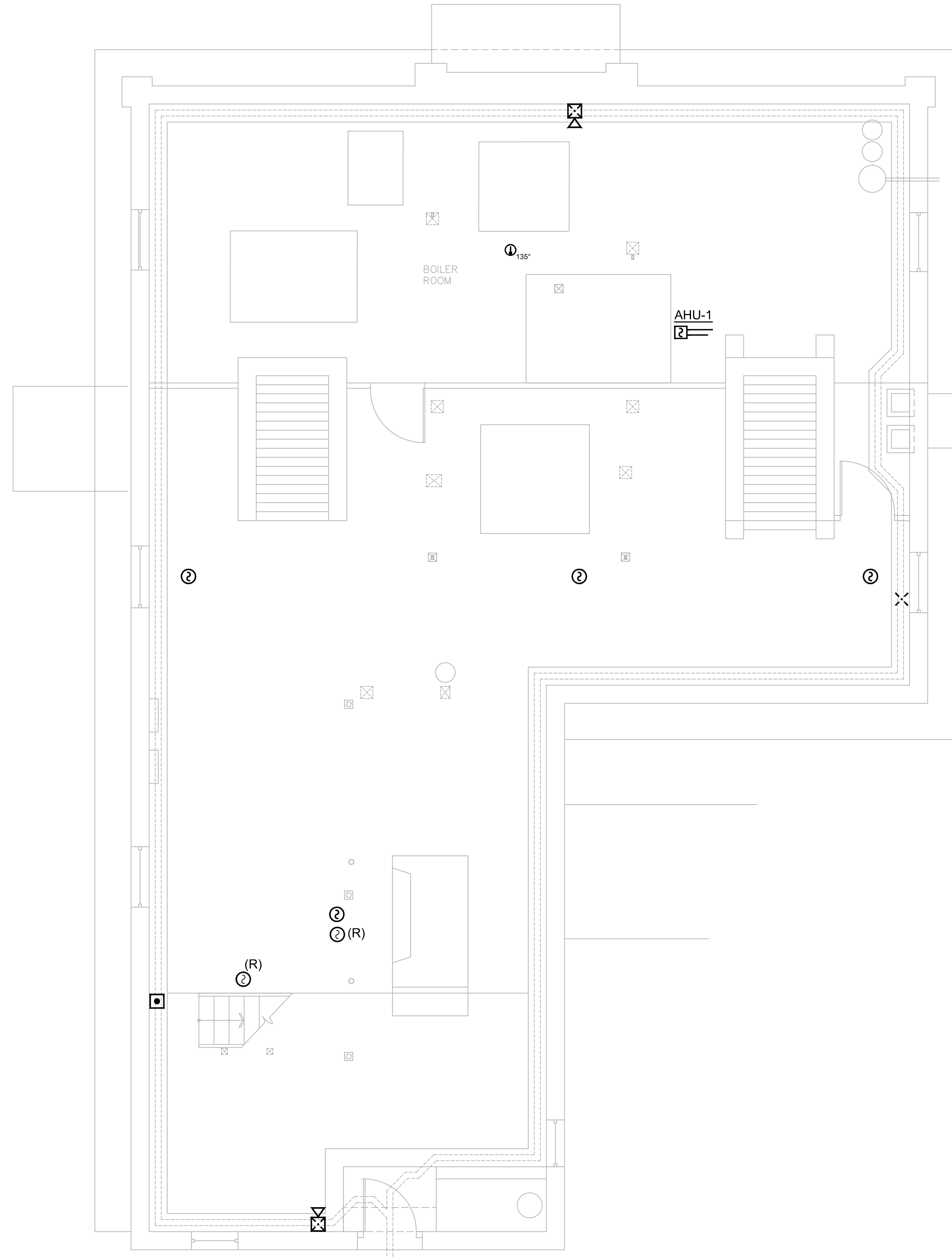
NOTES:

- 1 PROVIDE 120V, 20A CIRCUIT POWER SUPPLY FOR VESDA PANEL.
- 2 PROVIDE CONTROL RELAY FOR SHUT DOWN OF AHU UNDER ALL ALARM CONDITIONS.
- 3 PROVIDE 2#18 IN 2" CONDUIT FOR REPORTING SIGNAL FROM THE VESDA TO THE FACP.

F.A. DEVICES	ACTIVATES HORNS TO SOUND INDIVIDUALLY CODED (4 ROUNDS)	ACTIVATES STROBE LIGHTS THROUGHOUT THE BUILDING	ACTIVATES ALARM SIGNAL INDICATOR (LED)	ACTIVATES ALARM BUZZER ON FACP	ACTIVATES SUPERVISORY SIGNAL INDICATOR (LED)	ACTIVATES SUPERVISORY BUZZER ON FACP	ACTIVATES TROUBLE SIGNAL INDICATOR (LED)	ACTIVATES TROUBLE BUZZER ON FACP	ANNUNCIATE ALARM DEVICE (LCD DISPLAY)	ANNUNCIATE SUPERVISORY DEVICE (LCD DISPLAY)	ANNUNCIATE TROUBLE DEVICE (LCD DISPLAY)	AUTOMATIC ALARM SIGNAL TO THE CENTRAL OFFICE COMPANY	TROUBLE AND SUPERVISORY SIGNAL TO THE CENTRAL OFFICE COMPANY
MANUAL PULL STATION	X	X	X	X					X			X	
SMOKE/HEAT DETECTOR	X	X	X	X					X			X	
FIRE ALARM AC POWER FAILURE					X	X				X			X
FIRE ALARM SYSTEM LOW BATTERY							X	X		X		X	X
OPEN CIRCUIT							X	X		X		X	X
GROUND FAULT							X	X		X		X	X
NOTIFICATION APPLIANCE CIRCUIT SHORT							X	X		X		X	X

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX

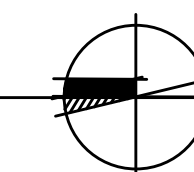
drawing title FIRE ALARM RISER DIAGRAM		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale 1/4" = 1'-0"
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		drawn by ECL	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		approved by ECL	
CAD no. FA-100 Fire Alarm Riser Diagram		drawing no. FA-100	
		project no. BI-RR-28	



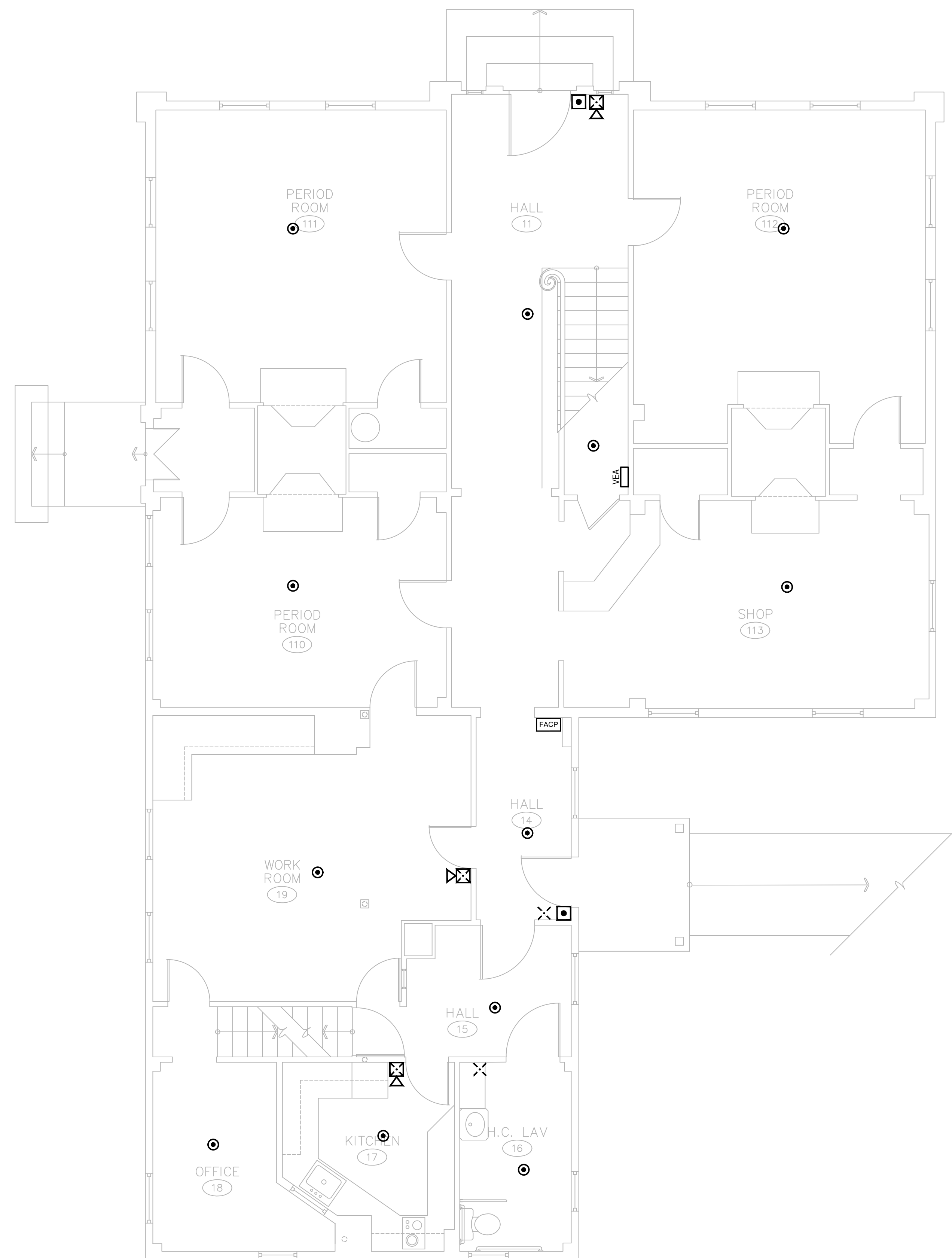
DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES, FIRE ALARM DEVICES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF* BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 BASEMENT PLAN
1/4" = 1'-0"



drawing title BASEMENT FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. FA-101 Basement Fire Alarm Plan		project no. BI-RR-28	
		drawing no. FA-101	

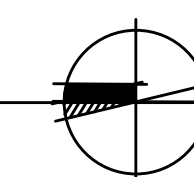


DEMOLITION NOTES:

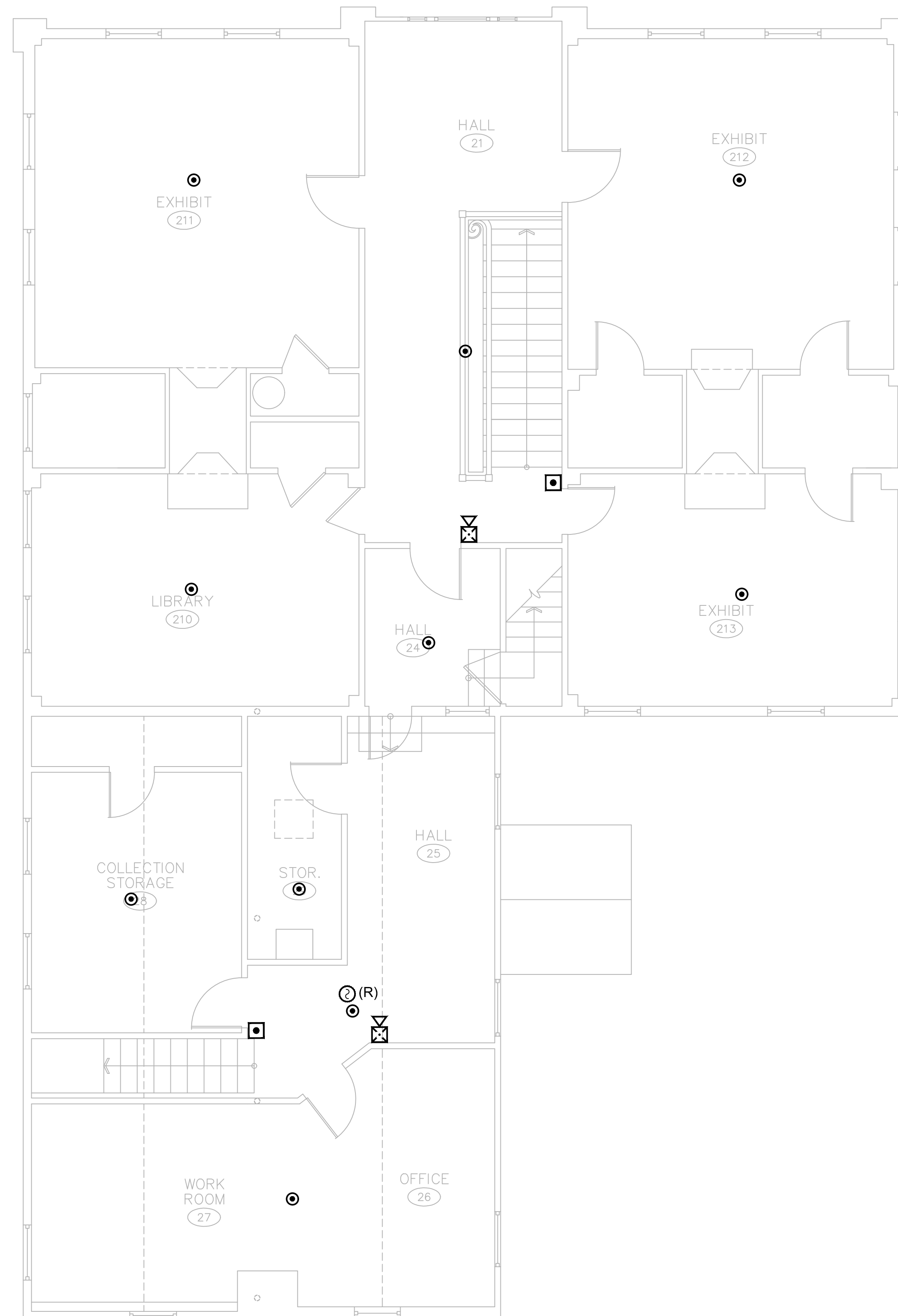
1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES, FIRE ALARM DEVICES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF" BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES A BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAIN BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 FIRST FLOOR PLAN

1/4" = 1'-0"



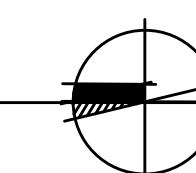
drawing title FIRST FLOOR FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. FA-102 First Floor Fire Alarm Plan	project no. BI-RR-28	drawn by ECL	
		approved by ECL	
		drawing no. FA-102	



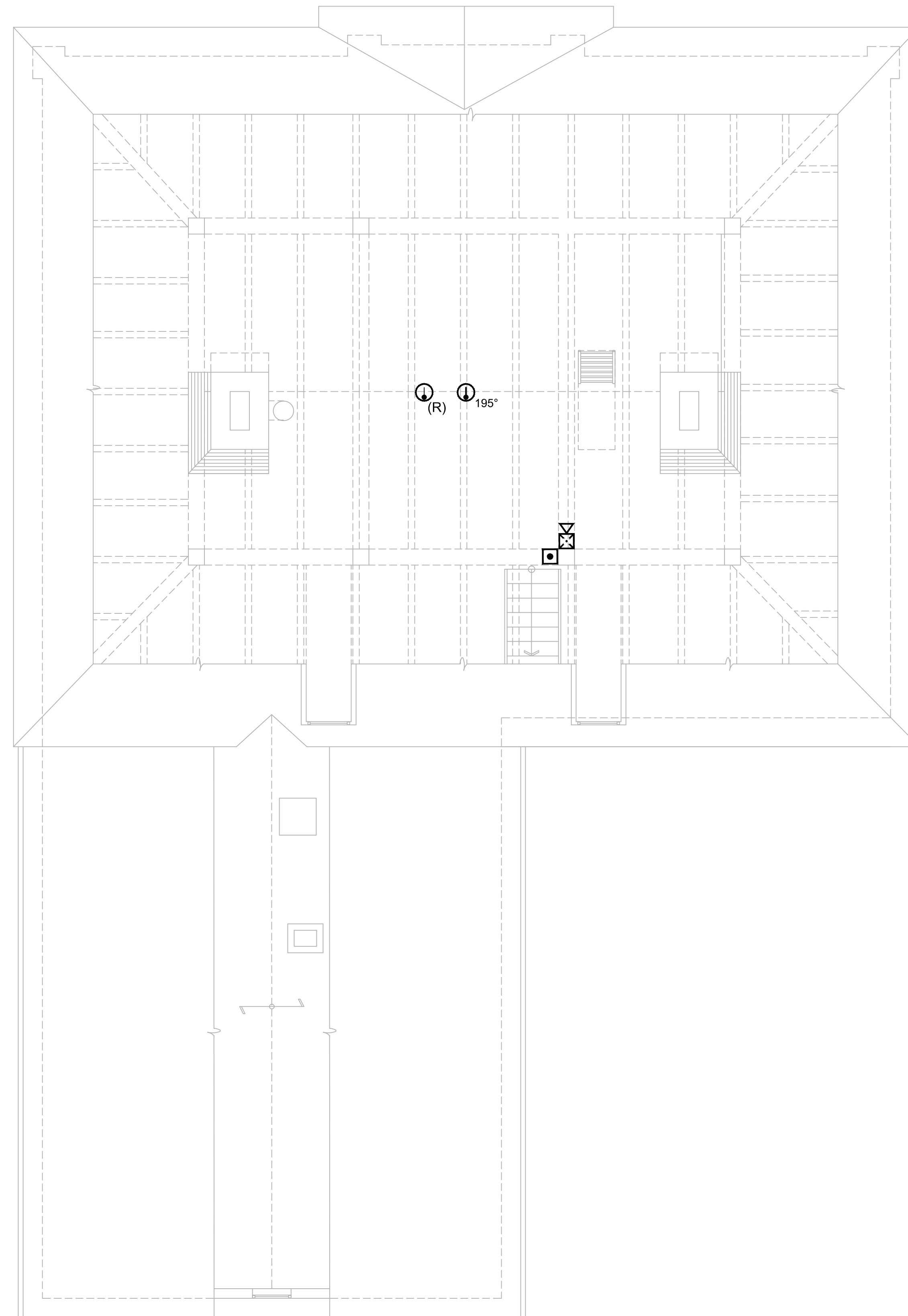
DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES, FIRE ALARM DEVICES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF" BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY OF EXISTING ITEMS WHICH REMAINED BUT ARE AFFECTED BY THIS ALTERATION. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY WIRING TO MAINTAIN EXISTING INSTALLATION WHICH MUST REMAIN IN SERVICE DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 SECOND FLOOR PLAN
1/4" = 1'-0"



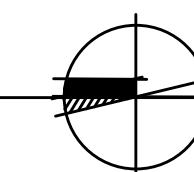
drawing title SECOND FLOOR FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS		drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855
	mark	date	description
project PRUDENCE CRANDALL MUSEUM RENOVATIONS		date 11/19/2019	
1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331		scale 1/4" = 1'-0"	
CAD no. FA-103 Second Floor Fire Alarm Plan	project no. BI-RR-28	drawn by ECL approved by ECL drawing no. FA-103	



DEMOLITION NOTES:

1. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED FOR APPROVAL.
2. DISCONNECT, REMOVE AND PROPERLY DISPOSE ALL EXISTING WIRING, CONDUIT, DEVICES, OUTLET BOXES, FIRE ALARM DEVICES WHICH ARE RENDERED USELESS IN ALL AREAS WHERE NEW WORK IS TO BE PERFORMED AND AS REQUIRED BY THE ALTERATIONS OF THE EXISTING PORTION OF THE BUILDING AS SHOWN ON DRAWINGS.
3. DEMOLITION SHALL INCLUDE REMOVAL OF ALL INDICATED ELECTRICAL WORK, EXCEPT NOTED TO BE PRESERVED AND ELECTRICAL WORK BEHIND BUILDING MATERIALS, WHICH SHALL BE SAFED-OFF" BY CUTTING AND INSULATING THE CONDUCTORS WITH A LAYER OF 3M #27 AND #33 TAPE ON THE LINE SIDE AND AT THE LOAD SIDE WHERE THE RACEWAY OR CABLE PENETRATES BEHIND BUILDING MATERIALS, AND COVERING ANY SWITCH OR OUTLET BOXES WITH A BLANK COVER PLATE.
4. MAINTAIN EXISTING CIRCUIT CONTINUITY. RECONNECT ALL ALTERED OR REROUTED WORK SO THAT ANY DISTURBED INSTALLATION WILL AGAIN FUNCTION PROPERLY.
5. PROVIDE ALL NECESSARY TEMPORARY DURING CONSTRUCTION AND ALTERATION PERIOD, INCLUDING ALL CORE AREAS.
6. EXCEPT FOR ITEMS SPECIFICALLY INDICATED AS BEING REUSED, COMPLETELY ABANDON EXISTING ELECTRICAL WORK INDICATED AS EXISTING TO BE REMOVED BY:
 - A. DE-ENERGIZING IT AND/OR CUTTING IT LOOSE FROM EVERY SOURCE.
 - B. CUTTING AWAY ALL EXPOSED PORTIONS AND ANY CONCEALED PORTIONS WHICH CREATE INTERFERENCES WITH THE NEW INSTALLATIONS OF THE VARIOUS TRADES WORKING AT THE PROJECT.
 - C. REMOVING ALL EXISTING WIRES AND CABLES FROM EXISTING RACEWAYS WHICH ARE TO REMAIN.
6. EXISTING ELECTRICAL ITEMS WITHIN AND CONTINUOUS WITH AREA BEING ALTERED ARE TO BE KEPT IN SERVICE AND ALL REWIRING REQUIRED TO KEEP THESE ITEMS IN SERVICE SHALL BE PROVIDED.
7. ALL EXISTING LIFE SAFETY DEVICES AND WIRING SHALL REMAIN IN SERVICE. PROVIDE TEMPORARY SUPPORTS FOR EXISTING DEVICES AND WIRING IF SUPPORTING STRUCTURES (WALL, CEILINGS, ETC.) ARE TO BE DEMOLISHED.
8. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER, ALL EQUIPMENT THAT IS TO BE REMOVED OR RELOCATED. PROPER REMOVAL AND STORAGE WILL BE INCLUDED IN THIS CONTRACT FOR ALL EQUIPMENT THAT IS TO BE RELOCATED. COORDINATE DISPOSAL OF REMAINING EQUIPMENT WITH OTHER TRADES.
9. PLATE AND SEAL PENETRATION THROUGH FIRE RATED FLOORS AND WALLS. THE FIRE RATING SEAL SHALL BE PROVIDED TO MAINTAIN ORIGINAL FIRE RATING TO WHICH IT IS INSTALLED.

1 ATTIC PLAN
1/4" = 1'-0"



drawing title ATTIC FIRE ALARM PLAN		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
professional seal	REVISIONS	drawing prepared by LANDMARK FACILITIES GROUP, INC. 252 EAST AVENUE NORWALK, CT 06855	date 11/19/2019 scale 1/4" = 1'-0"
	mark	project PRUDENCE CRANDALL MUSEUM RENOVATIONS	drawn by ECL
	date	1 SOUTH CANTERBURY ROAD CANTERBURY, CT 06331	approved by ECL
	description	CAD no. FA-104 Attic Fire Alarm Plan	drawing no. FA-104
		project no. BI-RR-28	