



GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECTS OF ALL DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS.
2. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS THAT MAY APPLY TO THE CONSTRUCTION OF THE PROJECT.
3. ALL WORK OF THIS PROJECT SHALL COMPLY WITH ACCEPTED BUILDING PRACTICES AND ALL CODE HAVING JURISDICTION OVER THIS PROJECT.
4. REFER TO LIMITS OF WORK DRAWINGS FOR OVERALL DESCRIPTION OF WORK AREAS.
5. THE GENERAL CONTRACTOR SHALL LEAVE THE PROJECT SITE AND ALL SURROUNDING AREAS IN FINAL CLEAR CONDITION INCLUDING THE REMOVAL OF ALL DEBRIS RESULTING FROM CONSTRUCTION.
6. THE CONTRACTOR SHALL AT ALL TIMES DURING THE PROGRESS OF THE WORK REMOVE ALL CONSTRUCTION DEBRIS AND MAINTAIN A DUST FREE ENVIRONMENT FOR ALL ADJACENT AREAS.
7. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND VERIFY THAT ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF ALL MATERIALS BY ALL TRADES IS PROPERLY EXECUTED.
8. THE GENERAL CONTRACTOR SHALL UTILIZE THE AREAS WITHIN THE SCOPE OF WORK FOR STORAGE OF MATERIALS AND TOOLS.
9. ALL WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER ALL OTHERS. DO NOT SCALE DRAWINGS. IF THERE IS A QUESTION OR CONFLICT IN DIMENSIONS, NOTIFY THE ARCHITECT FOR CLARIFICATION.
10. VERIFY FIELD CONDITIONS PRIOR TO COMMENCEMENT OF EACH PORTION OF THE WORK. THE CONTRACT DRAWINGS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE BINDING AS IF REQUIRED BY ALL. THE CONTRACTOR SHALL COORDINATE ALL PORTIONS OF THE WORK.
11. DIMENSIONS ARE TO EXTERIOR FACE OF FINISHED SURFACES AND BUILDING GRID LINES UNLESS OTHERWISE NOTED.
12. ALL FINISHED WORK SHALL BE FREE OF DEFECTS. THE OWNER RESERVES THE RIGHT TO REJECT ANY MATERIALS AND WORKMANSHIP WHICH ARE NOT CONSIDERED TO BE AT THE HIGHEST STANDARDS OF THE VARIOUS TRADES INVOLVED.
13. NO CHANGES OR SUBSTITUTIONS ARE ALLOWED UNLESS APPROVED BY THE OWNER.
14. THE CONTRACTOR IS TO REVIEW EXISTING FOUNDATION WORK COMPLETED UNDER SEPARATE CONTRACT AND PROVIDE WRITTEN ACCEPTANCE OF THE FOUNDATION PRIOR TO SIGNING CONTRACT.

BUILDING CODE SUMMARY

APPLICABLE BUILDING CODE:	780 CMR - MASSACHUSETTS STATE BUILDING CODE, 9 TH EDITION
BUILDING:	INTERNATIONAL BUILDING CODE (IBC), 2015 WITH 780 CMR MA AMENDMENTS
ACCESSIBILITY:	MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (MAAB), 511-CMR AND THE AMERICANS WITH DISABILITIES ACT (ADAA)
FIRE PREVENTION:	INTERNATIONAL FIRE CODE (IFC) AND INTERNATIONAL MECHANICAL CODE (IMC) 2015 WITH 527 CMR REGULATIONS AND 780 CMR MA CODE AMENDMENTS
ELECTRICAL:	517 CMR 12.00(20) NATIONAL ELECTRICAL CODE
ELEVATORS:	524 CMR - MA ELEVATOR REGULATIONS AND 780 CMR MA ELEVATOR CODE AMENDMENTS ENACTED IN E.L. 2103
MECHANICAL:	INTERNATIONAL MECHANICAL CODE (IMC), 2015 WITH 780 CMR - MA MECHANICAL AMENDMENTS
PLUMBING:	248 CMR MASSACHUSETTS PLUMBING REGULATIONS
ENERGY:	MASSACHUSETTS "STRETCH ENERGY CODE" (RECC) 2015 WITH AMENDMENTS CONTAINED IN 780 CMR APPENDIX 15(A)
BASIC BUILDING CHARACTERISTICS:	
PLAN AREA:	4,200 SF
NUMBER OF ABOVE GRADE STORIES:	1 STORY - 2 ND FEET
TOTAL SQUARE FOOTAGE:	4,200 SF ABOVE GRADE 420 SF BELOW GRADE
USE OR OCCUPANCY CLASSIFICATION:	BASEMENT: A1-COMMUNITY HALL 1ST FLOOR: MIXED USE: A3 - LIBRARY & B - CIVIC ADMINISTRATION
GENERAL BUILDING LIMITATIONS	
CONSTRUCTION TYPE:	5B
AREA LIMITATION:	FIRE AREA A - LOWER LEVEL USE A1 ALLOWED: 24000 SF, PROPOSED: 4200 SF FIRE AREA B - FIRST FLOOR MIXED USE ALLOWED: 24000 SF, PROPOSED: 4200 SF
HEIGHT LIMITATION:	AS A 1 STORY BUILDING, THE HEIGHT FOR USE A APPLIES WHICH IS MORE RESTRICTIVE. TABULAR HEIGHT: 2 STORIES, 60 FEET ALLOWED, PROPOSED CONFORMS
CONSTRUCTION REQUIREMENTS	
FIRE SEPARATION ASSEMBLIES:	REQUIRED: 0 HOUR, PROPOSED: 0 HOUR
EXTERIOR LOAD BEARING WALLS:	REQUIRED: 1 HOUR, PROPOSED: 1 HOUR
FIRE ENCLOSURE OF EXITS:	REQUIRED: 1 HOUR, PROPOSED: 1 HOUR
SHAFTS LESS THAN 3 STORIES:	REQUIRED: 2 HOURS, PROPOSED: 2 HOURS
ELEVATOR SHAFT (2 STORIES):	REQUIRED: 0 HOUR, PROPOSED: 0 HOUR
INTERIOR LOAD BEARING WALLS:	REQUIRED: 0 HOUR, PROPOSED: 0 HOUR
FLOOR CONSTRUCTION:	REQUIRED: 0 HOUR, PROPOSED: 0 HOUR
ROOF CONSTRUCTION:	REQUIRED: 0 HOUR, PROPOSED: 0 HOUR
SEPARATION OF USES:	REQUIRED: 0 HOUR, PROPOSED: 0 HOUR
FIRE PROTECTION	BUILDING IS TO BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13
EGRESS	
MAXIMUM EXIT TRAVEL:	250 FEET, 100 FEET
NUMBER OF EXITS:	2, 2
EXIT ACCESS CORRIDOR:	44", 60"
STAIRWAYS:	44", 44"

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GRAPHIC SYMBOLS

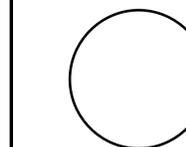
	BUILDING CROSS SECTION		NEW CONSTRUCTION
	DOOR NUMBER		EXISTING CONSTRUCTION
	ROOM NUMBER		
	WINDOW NUMBER		
	ELEVATION DESIGNATION		
	SECTION REFERENCE		
	NEW DOOR TO BE INSTALLED		
	EXISTING DOOR TO REMAIN		
	PARTITION TYPE		

MATERIAL SYMBOLS

	BLOCKING
	CONCRETE
	EARTH
	BATT INSULATION
	GRAVEL
	WOOD
	DRYWALL
	TILE

ABBREVIATIONS

@	AT ABOVE FINISH FLOOR	GC	GENERAL CONTRACTOR	P LAM	PLASTIC LAMINATE	W/	WITH
AFF	ATTENUATING	GL	GLASS OR GLAZING	PLYWD	PLYWOOD	WC	WATER CLOSET
ATTEN	ATTENUATING	GW	GYPSON WALL BOARD	PT	PRESSURE TREATED	WD	WOOD
BLDG	BUILDING	HC	HOLLOW CORE	PR	PAIR	X-REF	CROSS REFERENCE
CH	CEILING HEIGHT	HDWR	HARDWARE	PT	PAINTED		
CL	CENTER LINE	HM	HOLLOW METAL	QT	QUARRY TILE		
CLR	CLEAR	HOR	HORIZONTAL	R	RISER		
COL	COLUMN	HT	HEIGHT	RAD	RADIUS		
CONC	CONCRETE	HVAC	HEATING, VENT, A/C	REQ	REQUIRED		
CONT	CONTINUOUS	HWH	HOT WATER HEATER	REV	REFERENCE		
CPT	CARPET	INSUL	INSULATION	REV	REVISION(S)		
CT	CERAMIC TILE	INT	INTERIOR	RH	RIGHT HANDED		
DIM	DIMENSION	L	LENGTH	RO	ROUGH OPENING		
DWG(S)	DRAWING(S)	LAV	LAVATORY	RTU	ROOF TOP UNIT		
EA	EACH	LH	LEFT HANDED	SA	SOUND ATTENTION BATTS		
EIFS	EXT INSUL. FINISH SYSTEM	MAX	MAXIMUM	SD	SMOKE DETECTORS		
ELEC	ELECTRICAL	MECH	MECHANICAL	SIM	SIMILAR		
ELEV	ELEVATION	MFR	MANUFACTURER	SPEC	SPECIFICATION		
EQ	EQUAL	MFR	MANUFACTURER	SQ	SQUARE		
EWC	ELECTRICAL WATER COOLER	MD	MEDIUM DENSITY	SQ FT	SQUARE FEET		
EXT	EXTERIOR	MIN	MINIMUM	SS	STAINLESS STEEL		
FC	FIRE CODE / FIRE CORE	M/O	MASONRY OPENING	STL	STEEL		
FD	FLOOR DRAIN	MTL	METAL	STN	STAIN		
FEC	FIRE EXTINGUISHER CABINET	NIC	NOT IN CONTRACT	SV	SHEET VINYL		
FF	FINISHED FLOOR	NL	NIGHT LIGHT	T	TREAD		
FEE	FINISHED FLOOR ELEVATION	NOM	NOMINAL	THK	THICKNESS		
FIN	FINISH	NTS	NOT TO SCALE	TP	TOILET PAPER DISPENSER		
FFL	FLUORESCENT LIGHTING	OC	ON CENTER	TYP	TYPICAL		
FOF	FACE OF FINISH	OD	OUTSIDE DIAMETER	UNO	UNLESS NOTED OTHERWISE		
FOC	FACE OF CONCRETE	OH	OPPOSITE HANDED	VCT	VINYL COMPOSITION TILE		
FOS	FACE OF STUD			VIF	VERIFY IN FIELD		
FRT	FIRE RETARDANT TREATED			VTR	VENT THROUGH ROOF		



REV # DATE ISSUANCE

REV #	DATE	ISSUANCE

OWNERSHIP & USE OF DOCUMENTS

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Title Sheet

JOB NO	
DATE	6.10.2020
DWG BY	RJM
CKD BY	MLM
SCALE	

T-1.1

GENERAL NOTES

- 1.) PLANS AND TOPOGRAPHIC INFORMATION ARE PREPARED FROM A GROUND SURVEY PERFORMED BY GCG ASSOCIATES, INC., OCTOBER & NOVEMBER 2017. UPDATED TOPOGRAPHIC INFORMATION PROVIDED FROM A PLAN TITLED "AS-BUILT PLAN SCHOOL STREET SIDE" PREPARED BY GCGASSOCIATES AND DATED AUGUST 13, 2019.
- 2.) ELEVATIONS REFER TO NAVD 88. LOCATIONS SHOWN REFERENCE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM NAD MA83 MAINLAND.
- 3.) THE LOCUS PROPERTIES ARE NOT IN A FLOOD PLAIN AS SHOWN ON MAPS 25021C0177E AND 25021C0181E, EFFECTIVE DATE JULY 17, 2012.
- 4.) WETLAND DELINEATED BY WETLANDS & LAND MANAGEMENT INC. ON NOVEMBER 2, 2017. WETLAND FLAGS REVIEWED AND CONFIRMED BY WESTWOOD CONSERVATION COMMISSION, KARON CATRONE ON MARCH 21, 2018. WETLAND FLAGS LOCATED BY GCG ASSOCIATES.
- 5.) BUILDING LOCATIONS AS SHOWN ON ADJACENT PROPERTIES, ARE APPROXIMATE AND FOR REFERENCE PURPOSES ONLY.
- 6.) CONSTRUCTION PERFORMED DURING THIS PROJECT SHALL CONFORM TO THE MASSACHUSETTS HIGHWAY DEPARTMENT, STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- 7.) ALL LOCATIONS OF SUBSURFACE UTILITIES AND STRUCTURES WERE OBTAINED FROM AVAILABLE TOWN AND UTILITY RECORDS. THE SIZE, TYPE AND LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL PROPERLY LOCATE THE UTILITIES PRIOR TO THE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN UTILITY INFORMATION BY CONTACTING DIG SAFE (811) A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION.
- 8.) THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY UTILITY LINE LOCATIONS AS NECESSARY.
- 9.) THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES NEAR UTILITY LOCATIONS WITH THE RESPECTIVE REPRESENTATIVE.
- 10.) THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DISRUPTION ON EXISTING INDIVIDUAL UTILITY SERVICE CONNECTIONS, INCLUDING WATER, ELECTRICITY, TELEPHONE, GAS AND CABLE TELEVISION RESULTING FROM THE CONTRACTOR'S WORK.
- 11.) RELOCATION OF UTILITY POLES AND UNDERGROUND UTILITIES IS THE RESPONSIBILITY OF THE CUSTODIAN OF THE POLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF POLE RELOCATION.
- 12.) THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR DISRUPTION OF EXISTING INDIVIDUAL UTILITY SERVICE CONNECTIONS INCLUDING WATER, ELECTRICITY, TELEPHONE, GAS, AND CABLE TELEVISION RESULTING FROM THE CONTRACTORS WORK.
- 13.) WATER MAINS ARE ASSUMED TO BE 5 FEET BELOW THE EXISTING GROUND SURFACE. GAS LINES ARE ASSUMED TO BE 3 FEET BELOW THE EXISTING GROUND SURFACE. TELEPHONE LINES AND ELECTRIC CONDUIT ARE ASSUMED TO BE 2 FEET BELOW THE EXISTING GROUND SURFACE.
- 14.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES ON SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING AN INDEPENDENT UTILITY MARKING COMPANY TO LOCATE EXISTING UTILITIES ON SITE.
- 15.) EXISTING UTILITIES INTERFERING WITH THE WORK SHALL BE RELOCATED AS DIRECTED IN THE FIELD BY THE ENGINEER, UNLESS OTHERWISE INDICATED OR SPECIFIED.
- 16.) DAMAGE TO ANY UTILITY WILL BE REPAIRED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, IN A TIMELY MANNER SO THAT DISRUPTION OF SERVICE TO ANY UTILITY WILL NOT BE LONGER THAN PRACTICALLY NECESSARY TO REPAIR THE DAMAGE.
- 17.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL STATE OR LOCAL BUILDING PERMITS THAT MAY BE REQUIRED.
- 18.) THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A CONSTRUCTION SCHEDULE DELINEATING THE SEQUENCE OF WORK, TRAFFIC MANAGEMENT PLAN AND ESTIMATED TIME OF COMPLETION OF EACH SEGMENT OF WORK, PRIOR TO THE COMMENCEMENT OF WORK.
- 19.) THE CONTRACTOR SHALL MAINTAIN CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION SATISFACTORY TO THE ENGINEER AND THE TOWN OF WESTWOOD.
- 20.) NO EQUIPMENT SHALL BE ALLOWED TO BE PARKED ON THE ROAD WHEN NOT IN USE. MATERIALS SHALL NOT BE STOCKPILED ON THE ROAD OR IN TOWN PARKING AREAS.
- 21.) ALL CONSTRUCTION SIGNAGE SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 22.) SIDEWALKS, WALKS AND DRIVEWAYS THAT ARE DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH THE SAME TYPE OF MATERIAL ONCE THE WORK IS COMPLETED.
- 23.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY DEBRIS, SEDIMENT OR SILTY WATER FROM ENTERING ANY DRAINAGE SYSTEM, ETC. DURING ALL PHASES OF CONSTRUCTION. CONTROLS MAY INCLUDE COMPOST WATTLES, STRAW BALES, SILT FENCE, SILT SACKS, CRUSHED STONE.
- 24.) ALL CONSTRUCTION MATERIAL, DEBRIS, ASPHALT, SOIL, ETC. THAT IS REMOVED FROM THE SITE SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- 25.) DURING CONSTRUCTION THE CONTRACTOR SHALL PROTECT ALL TREES AND ROOTS OF TREES TO REMAIN.
- 26.) DURING THE COURSE OF CONSTRUCTION, ANY DAMAGE TO FENCES, GUARD RAILS, PATHS, STAIRS, AND VEGETATION SHALL BE REPAIRED OR REPLACED AND RESTORED TO THE ORIGINAL CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER.
- 27.) ALL CASTINGS, GATE BOXES, HYDRANTS, LIGHT POLES, ETC. DAMAGED DURING RECONSTRUCTION SHALL BE SUPPLIED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
- 28.) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES AND PROCEDURES, AND FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH ALL WORK INCLUDED UNDER THIS CONTRACT. THE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL SAFETY BARRIERS, WARNING FLASHERS AND THE LIKE, AS REQUIRED BY THE CONDUCT OF THE WORK FOR THE PROTECTION OF WORKERS AND NON-WORKERS ALIKE. THE CONTRACTORS ATTENTION IS DIRECTED TO OSHA REQUIREMENTS.
- 29.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE RESTORATION AND CLEAN UP UPON COMPLETION OF THE PROJECT.

UTILITY MARKING AND LOCATION NOTES:

- 1.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES ON SITE. THE CONTRACTOR SHALL HIRE A PRIVATE MARKING COMPANY TO LOCATE ONSITE UTILITIES. THE COST TO HIRE THE PRIVATE MARKING COMPANY SHALL BE INCLUDED IN THE CONTRACT PRICE.
- 2.) BEFORE CONSTRUCTION BEGINS, ALL UTILITIES, PUBLIC AND PRIVATE MUST BE NOTIFIED (SEE MASSACHUSETTS GENERAL LAWS, CHAPTER 82 SECTION 40.) CALL "DIG SAFE" - 811, OR CUSTOMER SERVICE - 1 (888) 344-7233 HTTP://WWW.DIGSAFE.COM
- 3.) UTILITY REFERENCES INCLUDE:
 GAS:
 EVERSOURCE
 ELECTRIC/TELEPHONE/CABLE/FIRE ALARM:
 EVERSOURCE/COMCAST/VERIZON
 SEWER:
 TOWN OF WESTWOOD
 DRAIN:
 TOWN OF WESTWOOD
 WATER:
 DEDHAM WESTWOOD WATER
 SUBSURFACE UTILITY LINES, AS SHOWN HEREON, WERE COMPILED ACCORDING TO AVAILABLE RECORD INFORMATION FROM THE REFERENCED UTILITY COMPANIES, THE TOWN OF WESTWOOD. THE LOCATIONS ARE APPROXIMATE ONLY.
- 4.) THE CONTRACTOR SHALL ACCURATELY LOCATE THE EXISTING WATER, SEWER, GAS, COMMUNICATIONS AND ANY ELECTRIC SERVICE PIPES CONNECTED TO EACH BUILDING THAT HAVE NOT PREVIOUSLY BEEN MARKED OUT WITHIN THE LIMITS OF WORK PRIOR TO CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT.
- 5.) THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY UTILITY LINE LOCATIONS AS NECESSARY OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PLAN AND PERFORM TEST PIT EXCAVATION WELL IN ADVANCE OF COMMENCING CONSTRUCTION IN THE GENERAL AREA TO ALLOW TIME TO REVIEW ACTUAL CONDITIONS ENCOUNTERED. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE.
- 6.) WATER MAINS ARE ASSUMED TO BE 5 FEET BELOW THE EXISTING GROUND SURFACE. GAS LINES ARE ASSUMED TO BE 3 FEET BELOW THE EXISTING GROUND SURFACE. TELEPHONE LINES AND ELECTRIC CONDUIT ARE ASSUMED TO BE 2 FEET BELOW THE EXISTING GROUND SURFACE.
- 8.) EXISTING UTILITIES INTERFERING WITH THE WORK SHALL BE RELOCATED AS DIRECTED IN THE FIELD BY THE ENGINEER, UNLESS OTHERWISE INDICATED OR SPECIFIED.
- 9.) DAMAGE TO ANY UTILITY WILL BE REPAIRED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, IN A TIMELY MANNER SO THAT DISRUPTION OF SERVICE TO ANY UTILITY WILL NOT BE LONGER THAN PRACTICALLY NECESSARY TO REPAIR THE DAMAGE.

SIDEWALK CONSTRUCTION NOTES:

- 1.) RECONSTRUCTION OF SIDEWALKS SHALL BE IN ACCORDANCE WITH THE TYPICAL CROSS SECTION DETAILS.
- 2.) HMA PAVEMENT SIDEWALKS SHALL HAVE A MINIMUM 3" DEPTH CONSISTING OF A 1-1/2" BINDER COURSE AND A 1-1/2" SURFACE COURSE.
- 3.) CEMENT CONCRETE RAMPS SHALL BE A OF MINIMUM 4" DEEP. CEMENT CONCRETE RAMPS AND DRIVEWAY APRONS SHALL BE A MINIMUM OF 6" DEEP.
- 4.) CEMENT CONCRETE SIDEWALK SHALL BE A BROOM FINISH WITH 2" BORDER TO MATCH EXISTING.
- 5.) THE CONTRACTOR SHALL COMPACT AND FINE GRADE GRAVEL SUBBASE AS SPECIFIED. ALL SUBBASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% OF THE STANDARD PROCTOR DENSITY.
- 6.) THE CONTRACTOR SHALL FINE GRADE THE GRAVEL SUBBASE NO MORE THAN 24 HOURS PRIOR TO THE PLACEMENT OF THE BASE COURSE PAVEMENT. ALL GRADING, COMPACTION AND DUST CONTROL ASSOCIATED WITH THE SUBBASE SHALL BE INCLUDED IN THE CONTRACT PRICE.
- 7.) SIDEWALKS ADJACENT TO BUILDING ENTRANCES SHALL BE REGRADED TO DIRECT RUNOFF AWAY FROM BUILDING.
- 8.) THE COSTS ASSOCIATED WITH THE EXCAVATION AND DISPOSAL OF ADDITIONAL MATERIALS AND SOIL SURPLUS SHALL BE INCLUDED IN THE CONTRACT PRICE. EXCAVATED MATERIALS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- 9.) ANY STRUCTURES OR GATE BOXES IN SIDEWALKS SHALL BE RESET TO FINISHED GRADE AS PART OF THE CONTRACT.
- 10.) WHEN SIDEWALKS MEET ROADWAY OR PARKING PAVEMENT, 12" OF GRAVEL SHALL BE INSTALLED UNDER THE SIDEWALK 3 FEET LATERAL DISTANCE FROM THE EDGE OF ROADWAY.

GENERAL PAVING NOTES:

- 1.) THE CONTRACTOR SHALL SAW CUT ALL JOINTS IN THE EXISTING PAVEMENT AREAS WHERE THE PROPOSED PAVEMENT WILL MEET EXISTING PAVEMENT TO REMAIN. ALL JOINTS SHALL PROVIDE A SMOOTH TRANSITION BETWEEN NEW AND OLD PAVEMENTS. IMMEDIATELY AFTER PAVING, ALL NEW JOINTS SHALL BE SANDED AND SEALED.
- 2.) THE CONTRACTOR SHALL RESET ALL WATER, SEWER, GAS, ELECTRIC, TELEPHONE AND DRAINAGE FRAMES AND GRATES AND ANY OTHER STRUCTURES, SIGNS, ETC. NECESSARY TO INSTALL THE PROPOSED PAVEMENT TO THE PROPOSED FINISH GRADE ELEVATION. THIS WORK SHALL BE INCLUDED IN THE CONTRACT.
- 4.) THE CONTRACTOR SHALL PERFORM WORK REQUIRED TO SUPPORT OR REMOVE AND REPLACE EXISTING STRUCTURES AND UTILITY LINES ADJACENT TO OR WITHIN THE LIMITS OF WORK UNDER THE CONTRACT.
- 5.) ALL CASTINGS, GATE BOXES, ETC. DAMAGED DURING RECONSTRUCTION SHALL BE SUPPLIED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
- 6.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY RELOCATION OF DUMPSTERS AS NECESSARY TO COMPLETE THE PROPOSED WORK.
- 7.) THE CONTRACTOR SHALL MAINTAIN CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION AND SHALL MAINTAIN ACCESS TO ALL RESIDENTIAL DRIVEWAYS AND ACCESS WAYS SATISFACTORY TO THE ENGINEER, THE OWNER AND THE TOWN OF WESTWOOD. NO EQUIPMENT SHALL BE ALLOWED TO BE PARKED ON THE DRIVEWAY WHEN NOT IN USE. MATERIALS SHALL NOT BE STOCKPILED ON THE DRIVEWAY.
- 8.) ALL NEW PAVEMENT STRIPING SHALL BE 4" WIDE PAINTED LINES TO MATCH EXISTING COLOR ON SITE.

DRIVEWAY AND PARKING AREA RECONSTRUCTION NOTES

- 1.) CONTRACTOR SHALL REMOVE & REPLACE EXISTING PAVEMENT AND GRAVEL SUBBASE AS NECESSARY AND SHALL PROVIDE A 12" MINIMUM DEPTH OF COMPACTED GRAVEL SUBBASE AND A 3-1/2" MINIMUM DEPTH OF HMA PAVEMENT.
- 2.) THE 3-1/2" MINIMUM DEPTH OF HMA SHALL CONSIST OF A 2" BINDER COURSE AND A 1-1/2" SURFACE COURSE AS SHOWN ON THE TYPICAL DETAIL AND SHALL CONFORM TO THE MASS DOT STANDARD SPECIFICATIONS.
- 3.) THE BASE COURSE MATERIAL SHALL CONSIST OF EITHER A MINIMUM OF 12" GRAVEL BORROW M1.03.0 TYPE "B" OR RECLAIMED PAVEMENT BORROW M1.09.0 OR A COMBINATION OF 4" OF DENSE-GRADED CRUSHED STONE M2.01.7 UNDERLAIN BY EITHER 8" OF GRAVEL BORROW M1.03.0 TYPE "B" OR RECLAIMED PAVEMENT BORROW M1.09.0.
- 4.) THE CONTRACTOR SHALL COMPACT AND FINE GRADE GRAVEL SUBBASE AS SPECIFIED. ALL SUBBASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% OF THE STANDARD PROCTOR DENSITY.
- 5.) IN AREAS WHERE PAVEMENT EXPANSION IS PROPOSED, THE EXISTING SOILS SHALL BE EXCAVATED TO THE REQUIRED SUBGRADE DEPTH THEN BACKFILLED AND COMPACTED WITH A SUITABLE 12" THICK SUBBASE LAYER.
- 6.) THE CONTRACTOR SHALL FINE GRADE THE GRAVEL SUBBASE NO MORE THAN 24 HOURS PRIOR TO THE PLACEMENT OF THE BASE COURSE PAVEMENT.
- 7.) A TACK COAT CONSISTING OF ASPHALT EMULSION TYPE "RS-1" SHALL BE APPLIED OVER THE BINDER COURSE AT UNIFORM RATE OF 0.05 GALLONS PER SQUARE YARD IMMEDIATELY PRIOR TO INSTALLATION OF THE SURFACE COURSE.
- 8.) SHOULDERS OF DRIVEWAY AND PARKING AREAS SHALL BE GRADED FOR A SMOOTH TRANSITION FROM THE PROPOSED EDGE OF PAVEMENT/ CURB TO THE EXISTING GRADE.
- 9.) CROSS SLOPES AT CATCH BASINS SHALL BE ADJUSTED AS NECESSARY TO ASSURE PROPER DRAINAGE.
- 10.) DRAINAGE STRUCTURES SHALL BE ADJUSTED OR REMODELED AS REQUIRED TO MEET GRADE.
- 11.) THE CONTRACTOR SHALL CONTROL DUST DURING CONSTRUCTION.
- 12.) EXCAVATED MATERIALS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- 13.) THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS.

FINE GRADING AND COMPACTING:

- 1.) THE CONTRACTOR SHALL FINE GRADE AND COMPACT ALL AREAS IN PREPARATION FOR PAVEMENT, INCLUDING, BUT NOT LIMITED TO THE DRIVEWAY AREAS AND TRANSITION DRIVEWAY AREAS. THE CONTRACTOR SHALL ALSO STRAIGHT CUT ALL EXISTING JOINTS AND EDGES IN PREPARATION FOR FINAL PAVEMENT.
- 2.) PAYMENT FOR GRADING AND COMPACTING THE RECONSTRUCTED SIDEWALK SHALL BE INCLUDED IN THE CONTRACT.
- 3.) PAYMENT FOR FINE GRADING AND COMPACTING THE RECONSTRUCTED DRIVEWAY AND PARKING AREAS SHALL BE INCLUDED IN THE CONTRACT.
- 4.) COMPACTION TESTING SHALL BE PERFORMED UNDER DIRECTION OF THE ENGINEER, TESTING COSTS SHALL BE INCLUDED IN THE CONTRACT.

SITE EROSION & SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH EROSION AND SEDIMENTATION CONTROL DETAILS AND NOTES AS SHOWN ON DETAIL SHEETS.
2. COMPOST SOCK EROSION AND SEDIMENT CONTROL BARRIER SHALL BE PLACED AT DOWNSTREAM PROJECT LIMITS PRIOR TO THE COMMENCEMENT OF WORK. WATTLES SHALL BE INSPECTED DAILY AND CLEANED OR REPAIRED AS NEEDED DURING CONSTRUCTION PERIOD.
3. CONSTRUCTION PERIOD SILT SACKS SHALL BE USED AT ALL CATCH BASINS. SILT SACKS SHALL BE KEPT FREE OF SEDIMENT AND DEBRIS, INSPECTED WEEKLY AND REPAIRED PROMPTLY.

TREE REMOVAL AND TRIMMING NOTES:

1. THE CONTRACTOR SHALL REMOVE TREES AND STUMPS AS IDENTIFIED ON PLANS AND SHALL NOT REMOVE ANY TREES UNTIL APPROVED BY THE ENGINEER.
2. ROOTS ON TREES WHICH ARE IMPACTING THE SAFETY OF THE SITE OR AFFECTING WALKWAYS SHALL BE REMOVED BY THE CONTRACTOR. WHEN THE ARBORIST DETERMINES THAT THE NUMBER OF ROOTS REMOVED MAY IMPACT THE LIFE OF THE TREE, THE TREE AND STUMP SHALL BE REMOVED.
3. THE CONTRACTOR SHALL REMOVE OVERGROWN VEGETATION ALONG SITE PERIMETER AS NEEDED.
4. CLEARING AND GRUBBING WITHIN AREAS IDENTIFIED SHALL INCLUDE TRIMMING OF TREES SO THAT LIMBS SHALL NOT EXTEND OVER ANY BUILDING ROOF AND WITHIN 10' OF ANY UTILITY WIRE. TREE LIMBS SHALL ALSO BE TRIMMED WHEN EXTENDING BELOW A HEIGHT OF 10' FROM GROUND LEVEL.
5. ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDDED.

BID # ECON-21-B-01

CONSTRUCTION NOTES

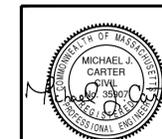
**NEW WENTWORTH HALL
WESTWOOD, MA**

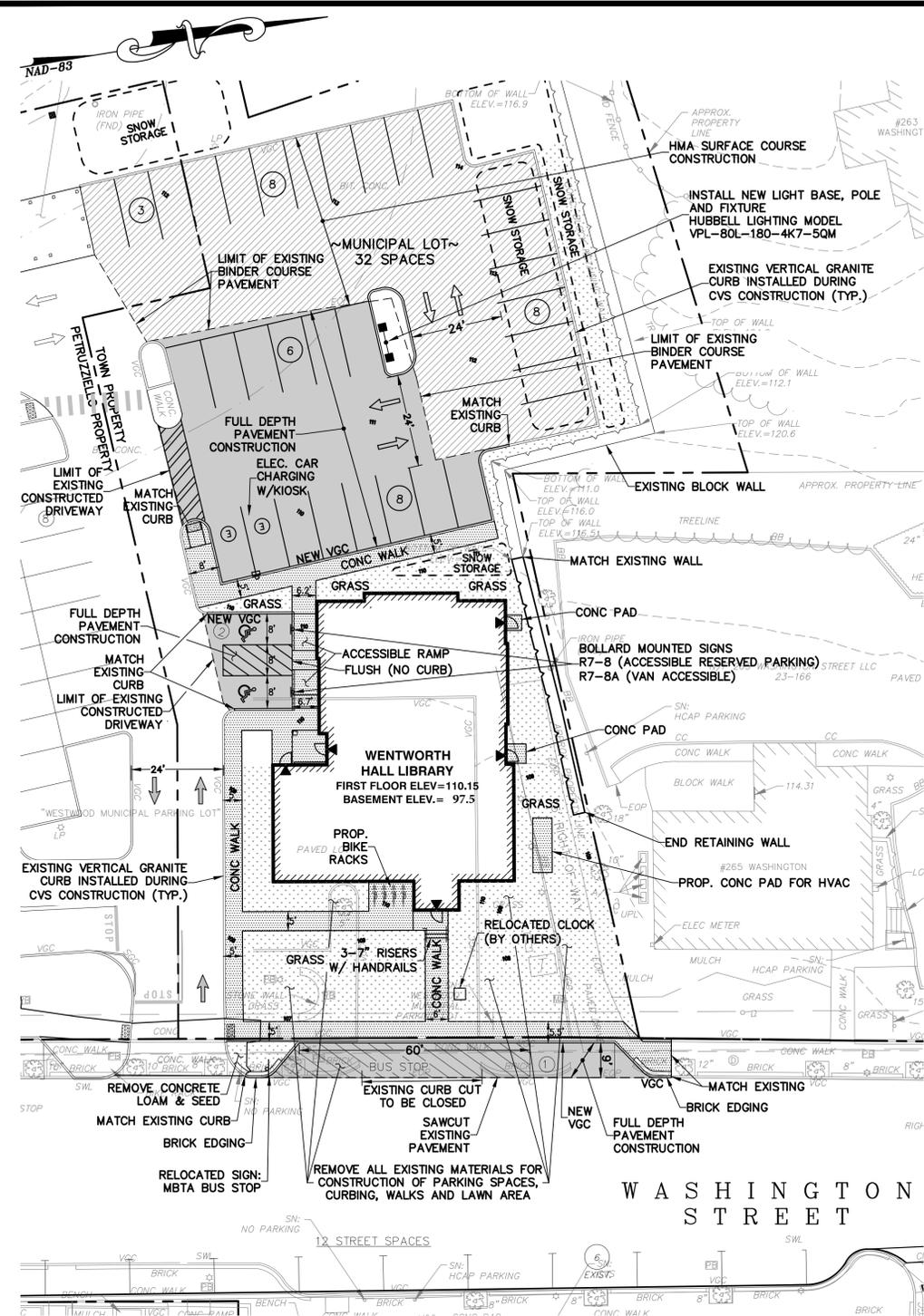
GCG ASSOCIATES, INC.

WILMINGTON MASSACHUSETTS

SCALE: AS NOTED DATE: JUNE 10 2020

JOB NO. \ FILE NAME:	DESIGNED BY: J.P.G.	PLAN NO.
1753-LIBRARY-DETAILS-2	DRAWN BY: J.P.G.	1 OF 6
	CHECKED BY: M.J.C.	

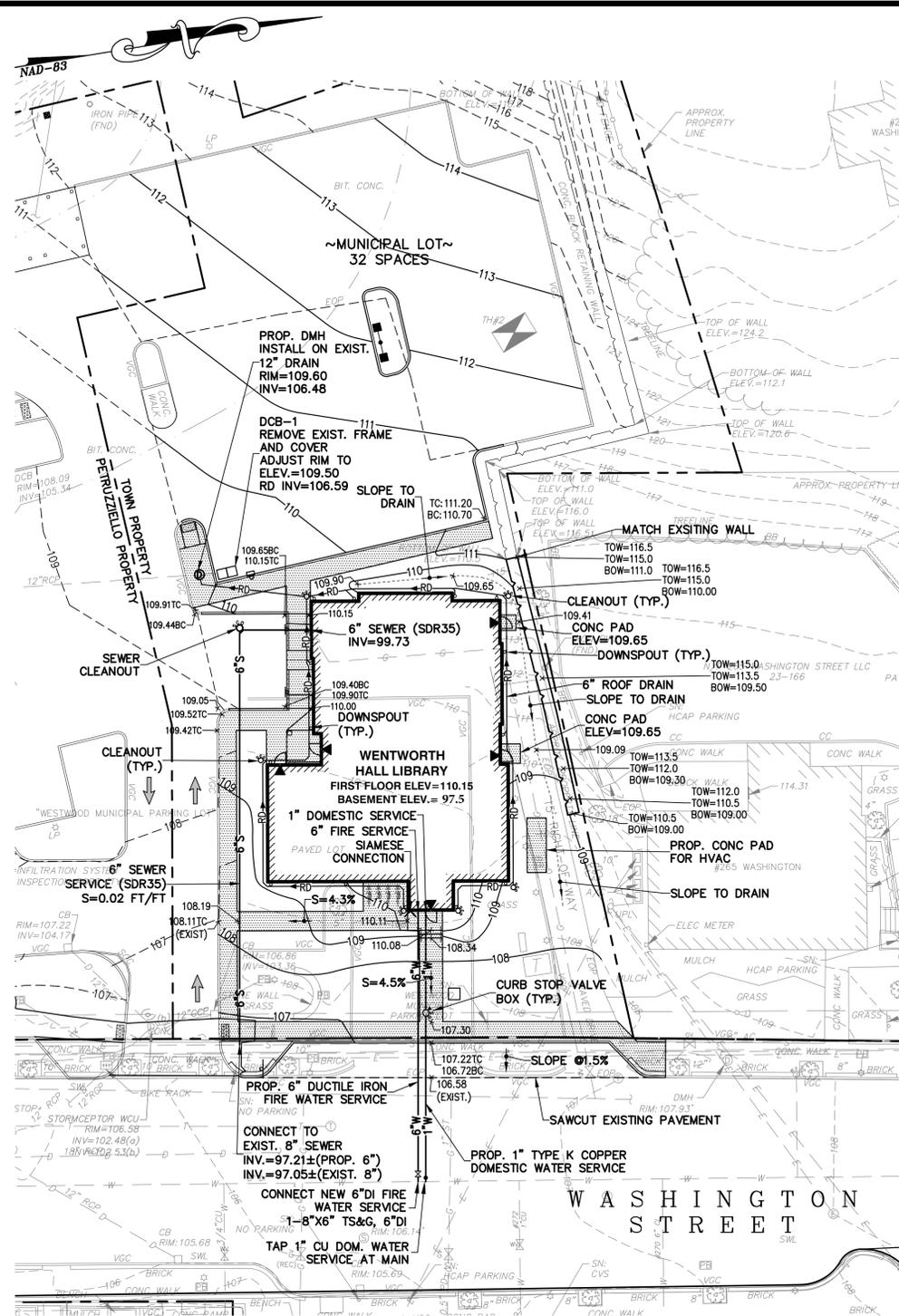




SITE LAYOUT PLAN
SCALE: 1" = 20'

NOTES:

1. THE SEWER PIPE IN WASHINGTON STREET IS 8" CURED IN PLACE PIPE (CIPP) LINED ASBESTOS-CEMENT (AC) PIPE. THE ANNULAR SPACE BETWEEN THE CIPP LINER AND THE AC HOST PIPE SHALL BE SEALED IF ANY WORK IS DONE ON THIS PIPE.
2. THE ELECTRIC, COMMUNICATIONS AND GAS SERVICES ARE TO BE INSTALLED BY OTHERS.
3. THE SITE WAS UNDER CONSTRUCTION WHEN THE GROUND SURVEY WAS PERFORMED AND THE EXISTING CONDITIONS MAY NOT ACCURATELY REFLECT THE CURRENT SITE PLANS.



SITE UTILITY PLAN
SCALE: 1" = 20'

ABBREVIATIONS

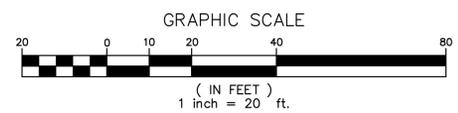
APPROX	APPROXIMATE
BB	BITUMINOUS BERM CURB
BC	BOTTOM OF CURB
BLDG	BUILDING
BLOC	BITUMINOUS CONCRETE
CB	CATCH BASIN
CC	CONCRETE CURB
CCB	CAPE COD BERM
CIP	CAST-IN-PLACE
CLF	CHAIN LINK FENCE
CON	CONIFEROUS
CONC	CONCRETE
D	DRAIN
DEC	DECODIOUS
DI	DUCTILE IRON
DRV	DRIVEWAY
DMH	DRAIN MANHOLE
E	ELECTRIC
EMH	ELECTRIC MANHOLE
ECC	EDGE OF CONCRETE
EOP	EDGE OF PAVEMENT
EX	EXISTING
HCR	HANDICAPPED RAMP
HH	HAND HOLE
HYD	HYDRANT
INV	INVERT
LF	LINEAR FEET
LP	LIGHT POLE
MH	MANHOLE
N/F	NOW OR FORMERLY
NO	NUMBER
PROPOSED	PROPOSED
R	R
SMH	SEWER MANHOLE
SPEC	SPECIFICATION
SW	SIDEWALK
TC	TOP OF CURB
TH	THRESHOLD
TYP	TYPICAL
UP	UTILITY POLE
VGC	VERTICAL GRANITE CURB

EXISTING LEGEND

△	MAG NAIL BENCHMARK
□	CATCH BASIN
○	ROUND CATCH BASIN
○	DRAIN MANHOLE
○	SEWER MANHOLE
○	MANHOLE
○	ELECTRIC MANHOLE
○	PULL BOX
○	WATER GATE VALVE
○	HYDRANT
○	GAS GATE VALVE
○	BOLLARD
○	DRAIN LINE
○	SEWER LINE
○	WATER LINE
○	ELECTRIC LINE
○	GAS LINE
○	TELEPHONE LINE
○	SITE BENCH
○	LIGHT POST
○	SIGN
○	FLAG POLE
○	CURB
○	BLDG. (APPROX.)
○	TREE W/ DIAMETER
○	TREE/VEGETATION LINE
○	APPROX. ABUTTER LOT LINE
○	SPOT GRADE
○	5' CONTOURS
○	1' CONTOURS
○	CHAIN LINK FENCE
○	VINYL FENCE
○	VINYL FENCE
○	WALL

PROPOSED LEGEND

□	BUILDING	○	DRAIN MANHOLE
—140—	5' CONTOURS	□	CATCH BASIN
—138—	1' CONTOURS	□	INFILTRATION GALLEY
—108.5	SPOT GRADE	○	SEWER MANHOLE
—D—	DRAIN LINE	○	SEWER CLEANOUT
—S—	SEWER LINE	○	WATER GATE VALVE
—W—	WATER LINE	○	EXIST. HYDRANT
—E—	ELECTRIC LINE	○	GAS GATE VALVE
—G—	GAS LINE	○	CURBING
—T—	TELEPHONE LINE	○	EDGE OF PAVEMENT
■	FULL DEPTH PAVEMENT CONSTRUCTION	○	RETAINING WALL
■	HMA SURFACE COURSE CONSTRUCTION	○	CHAIN LINK FENCE
○		○	VINYL FENCE
○		○	CEMENT CONCRETE WALK
○		○	LOAM & SEED



BID # ECON-21-B-01

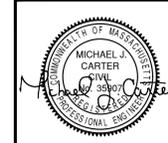
PROPOSED SITE PLAN

NEW WENTWORTH HALL
WESTWOOD, MA

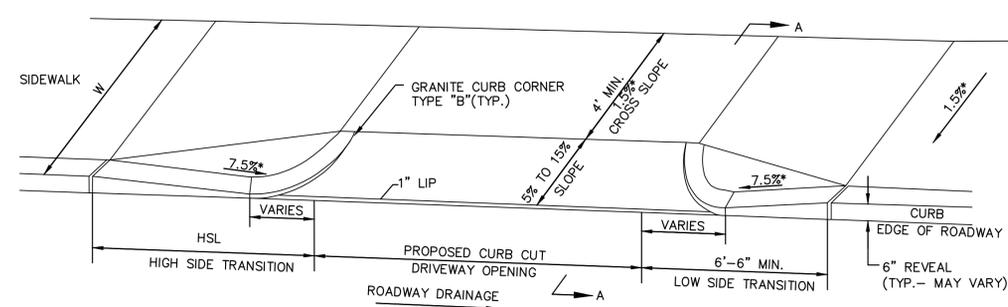
GCG ASSOCIATES, INC.
WILMINGTON MASSACHUSETTS

SCALE: 1" = 20' DATE: M JUNE 10, 2020

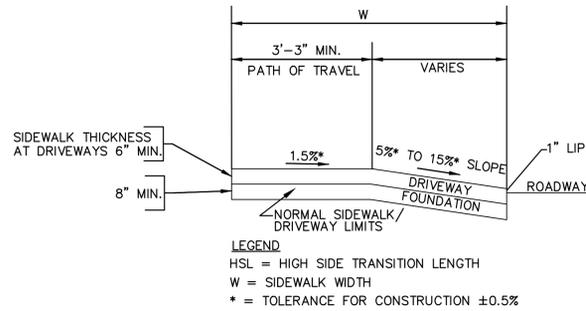
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DRAWN BY: J.P.G.
CHECKED BY: M.J.C.



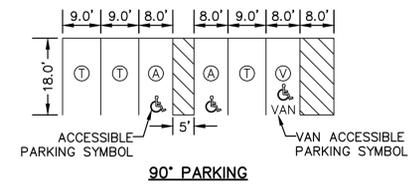
THE DATE OF THIS PLAN IS 06/10/2020. THE DATE OF THE PREVIOUS EDITION IS 06/10/2020. THE DATE OF THE PREVIOUS EDITION IS 06/10/2020.



TYPICAL CURB CUT DRIVEWAY AT TOWN SIDEWALK
N.T.S.

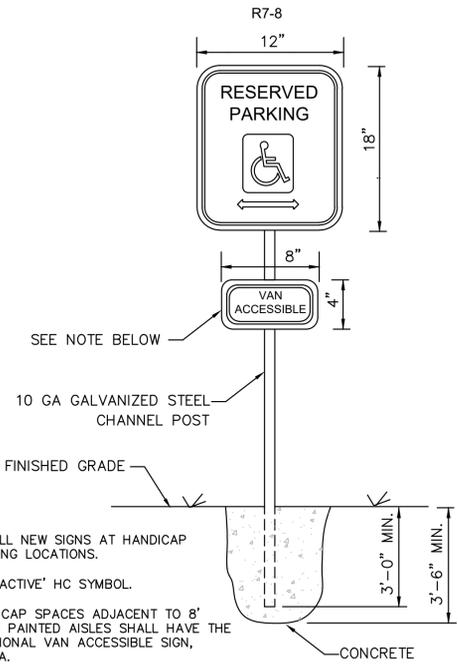


SECTION A-A



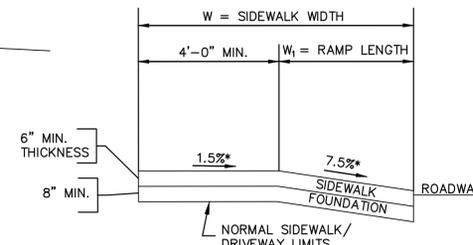
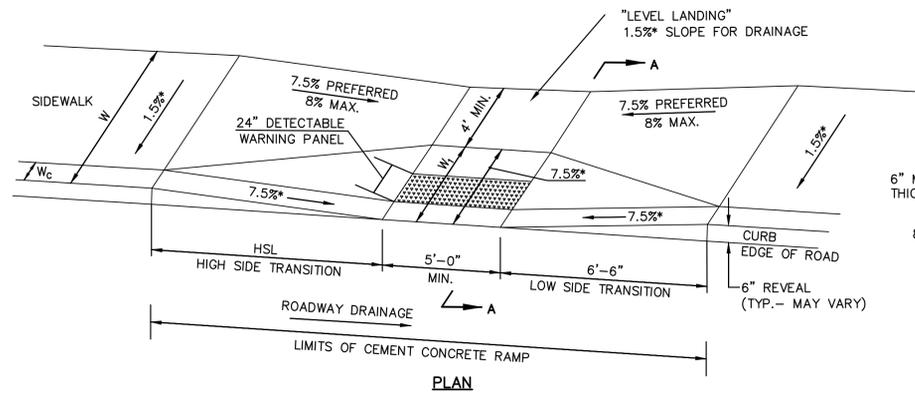
NOTES:
1. TYPICAL PARKING SPACE DIMENSIONS TO CORRESPOND WITH TOWN OF WESTWOOD, MASSACHUSETTS, PARKING DESIGN STANDARDS.
2. VAN ACCESSIBLE SPACES MUST HAVE AN 8' WIDE ACCESS AISLE.
3. ALL OTHER ACCESS AISLES SHALL BE 5' WIDE, MINIMUM.
4. ACCESSIBLE SPACES AND AISLES 2% MAX SLOPE IN ANY DIRECTION.

TYPICAL LINE STRIPING DETAIL
NOT TO SCALE



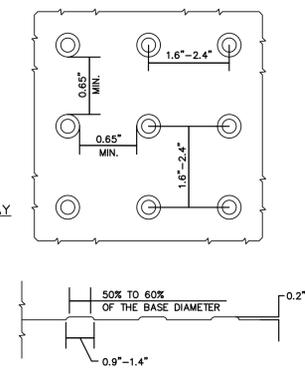
NOTES:
1. INSTALL NEW SIGNS AT HANDICAP PARKING LOCATIONS.
2. USE 'ACTIVE' HC SYMBOL.
3. HANDICAP SPACES ADJACENT TO 8' WIDTH PAINTED AISLES SHALL HAVE THE ADDITIONAL VAN ACCESSIBLE SIGN, R7-8A.
4. SIGNAGE SHALL COMPLY WITH 521 CMR 23.6. SUCH SIGN SHALL BE NO LESS THAN FIVE FEET NOR MORE THAN EIGHT FEET TO THE TOP OF THE SIGN.

HANDICAP SIGN AND FOOTING DETAIL
N.T.S.



* = TOLERANCE FOR CONSTRUCTION ±0.5%
USEABLE SIDEWALK WIDTH PER ABB = W - W_c
RAMP LENGTH, W₁ = W - (4'-0") MIN.

SECTION A-A



STAMPED CONCRETE DETECTABLE WARNING PANEL
N.T.S.

DETAIL NOTES:

- ALL HANDICAP RAMPS SHALL BE PORTLAND CEMENT CONCRETE 6" THICK.
- CURBING FOR ALL CONCRETE RAMPS SHALL BE VERTICAL GRANITE CURB.
- THE DIMENSIONS SHOWN AT ROADWAY EDGE ARE FIXED DISTANCES.
- RAMP CROSS SECTION TO BE SAME AS ADJACENT SIDEWALK; e.g DEPTH OF SURFACES.
- PORTLAND CEMENT CONCRETE RAMPS ARE TO BE TEXTURED BY BROOMING IN A DIRECTION PARALLEL TO THE LENGTH OF THE RAMP.
- THESE DIMENSIONS ARE SUBJECT TO CHANGE IN THE FIELD IF EXISTING APPURTENANCES OR CONDITIONS WILL MAKE THE RAMP LOCATIONS IMPRACTICAL OR UNSAFE.

ROADWAY PROFILE GRADE %	*HIGH SIDE TRANSITION LENGTH
0	6'-6"
> 0 - 1	7'-8"
> 1 - 2	9'-0"
> 2 - 3	11'-0"
> 3 - 4	14'-0"
> 4	15'-0" MAX.

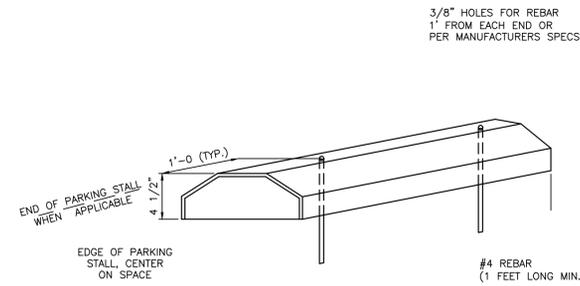
* BASED ON DESIGN SLOPE = 7.5% AND A CURB REVEAL OF 6".

CURB TRANSITION LENGTH FOR WHEELCHAIR RAMPS

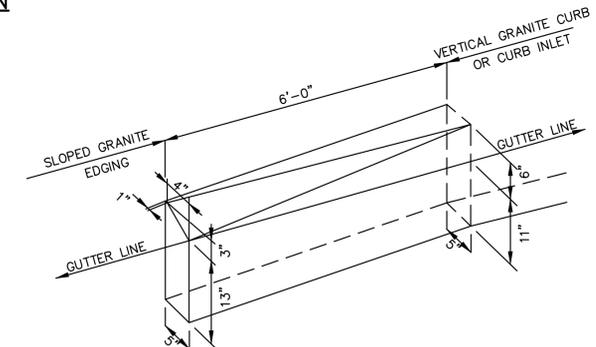
WHEELCHAIR RAMP NOTES

- ROADWAY SIDEWALK CROSS SLOPES, FOR BRICK, CEMENT CONCRETE, AND HMA, AS INDICATED IN THE STANDARD SPECIFICATIONS, WILL BE 1.5%. A CONSTRUCTION TOLERANCE OF ±0.5% IS ACCEPTABLE ON ROADWAY SIDEWALKS. IN ACCORDANCE WITH 521 CMR THE RULES AND REGULATIONS OF THE ARCHITECTURAL ACCESS BOARD (AAB), THE SIDEWALK CROSS SLOPE CANNOT EXCEED 2.0%.
- AN UNOBSTRUCTED PATH OF TRAVEL WITH A MINIMUM WIDTH OF 3'-3" SHALL BE MAINTAINED PAST ALL OBSTRUCTIONS (UTILITY POLES, SIGNS, SIGNAL FOUNDATIONS AND MASTS, MAILBOXES, ALONG DRIVE OPENINGS, ETC.).
- THE WHEELCHAIR RAMP SLOPES AND SIDE SLOPES (TRANSITIONS) WILL BE 7.5% WITH A CONSTRUCTION TOLERANCE OF ±0.5%. HOWEVER, THESE SLOPES MAY BE FLATTER WHEN WARRANTED BY SURROUNDING CONDITIONS.
- IF THE ROAD PROFILE EXCEEDS 4% THE HIGH SIDE TRANSITION LENGTH UNDER ANY CONDITIONS NEED NOT EXCEED 15'.
- IN NO CASE WHERE A STOP LINE IS WARRANTED, SHALL A RAMP BE PLACED ON THE TRAFFIC APPROACH SIDE OF THAT STOP LINE.
- FIXED OBJECTS (I.E. UTILITY POLES, HYDRANTS, SIGNS, SIGNAL FOUNDATIONS, ETC.) MUST NOT ENCRANCH UPON ANY PART OF THE WHEELCHAIR RAMP INCLUDING TRANSITION SLOPES.
- AT NO TIME IS ANY PART OF THE WHEELCHAIR RAMP, EXCLUDING CURB TRANSITIONS, TO BE LOCATED OUTSIDE THE CROSSWALK OR PEDESTRIAN TRAVEL PATH. THE WHEELCHAIR RAMP ENTRANCE IS TO BE CENTERED IN THE CROSSWALK OR PEDESTRIAN TRAVEL PATH WHENEVER POSSIBLE.
- CATCH BASINS WHICH ARE IN THE VICINITY OF A WHEELCHAIR RAMP SHALL BE LOCATED UPGRADE OF THE RAMP ENTRANCE.
- THE ENTRANCE OF A WHEELCHAIR RAMP SHALL BE FLUSH WITH THE ROADWAY.
- TESTING SURFACE: WHEN TESTING WITH A STRAIGHTEDGE PLACED PARALLEL TO THE LINE OF THE SLOPE THERE SHALL BE NO DEVIATION FROM A TRUE SURFACE IN EXCESS OF 1/4".
- SIDEWALK CONSTRUCTION SHALL BE IN CONFORMANCE WITH MASS HIGHWAY CONSTRUCTION STANDARDS FOR WHEELCHAIR RAMPS.

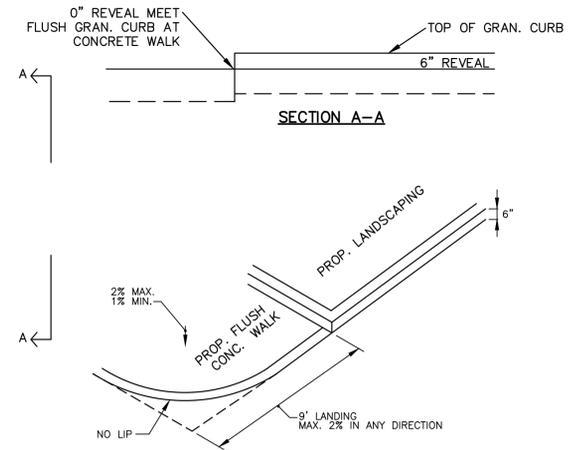
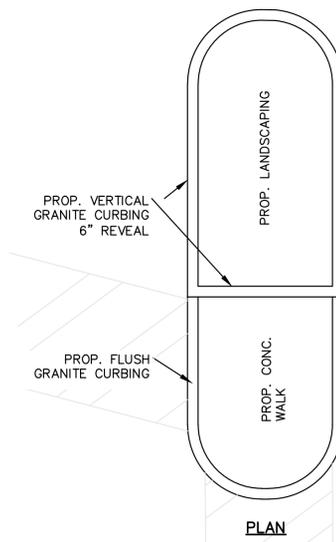
TYPICAL WHEELCHAIR RAMP CONDITION
N.T.S.



TYPICAL YELLOW POLYMER WHEEL STOP DETAIL
N.T.S.

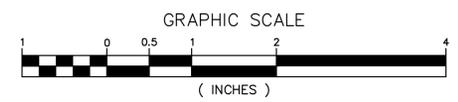


DETAIL FOR GRANITE TRANSITION CURB - SPLAYED END ISOMETRIC VIEW
N.T.S.



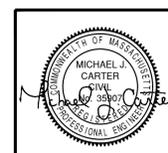
ISOMETRIC VIEW

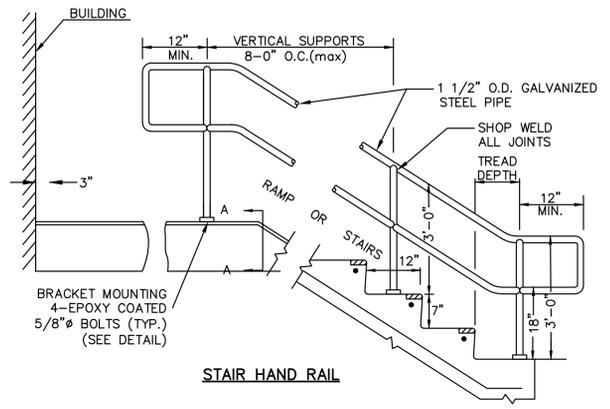
MUNICIPAL LOT ISLAND
N.T.S.



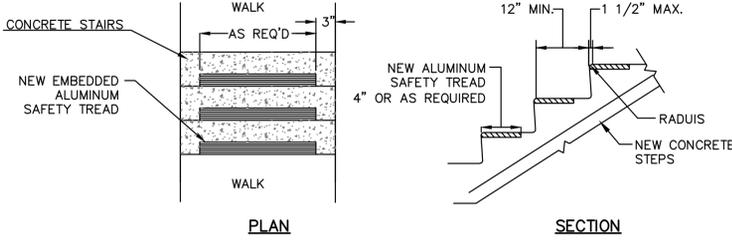
BID # ECON-21-B-01

CONSTRUCTION DETAILS	
NEW WENTWORTH HALL WELLSWOOD, MA	
GCG ASSOCIATES, INC. WILMINGTON MASSACHUSETTS	
SCALE: AS NOTED	DATE: June 10, 2020
JOB NO./FILE NAME: 1753-LIBRARY-DETAILS-2	DESIGNED BY: J.P.G. DRAWN BY: J.P.G. CHECKED BY: M.J.C.
PLAN NO. 4 OF 6	

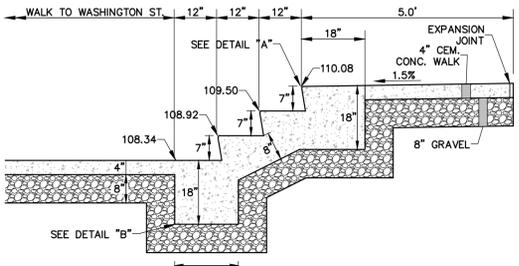
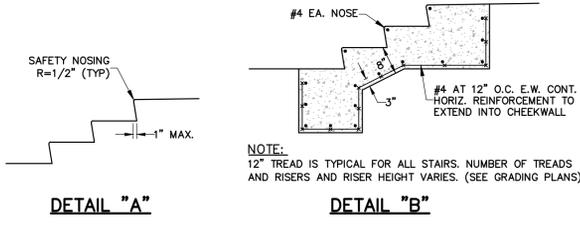




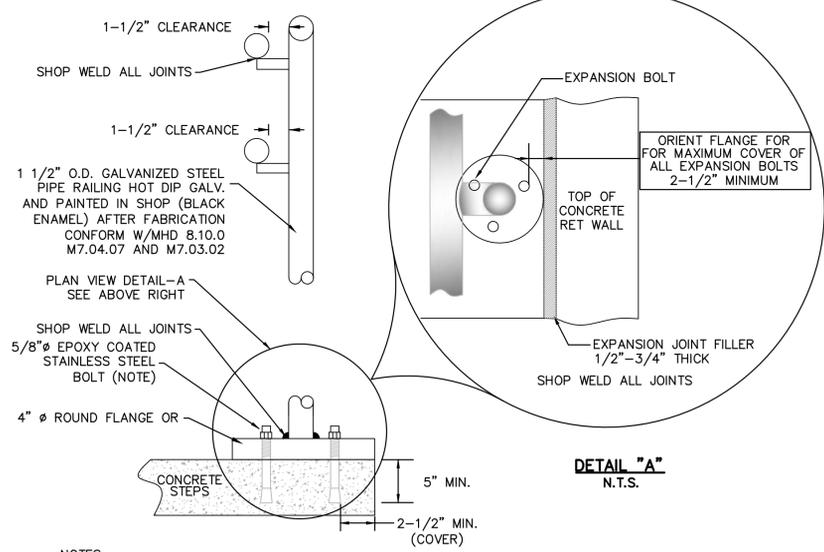
- NOTES:**
1. RAILINGS SHALL BE FABRICATED IN SHOP PRIOR TO SITE DELIVERY. RAILING SHALL BE SEAMLESS PIPE, GALVANIZED, PRIMED AND PAINTED IN SHOP PRIOR TO ARRIVAL AT SITE (FIELD PAINTING SHALL BE TOUCH UP ONLY).
 2. COLOR TO BE DETERMINED BY OWNER.
 3. FIELD MEASURE AND SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
 4. HANDRAILS SHALL EXTEND AT LEAST 12" BEYOND THE TOP RISER AND AT LEAST 12" PLUS THE WIDTH OF ON TREAD BEYOND THE BOTTOM RISER.
 5. PROVIDE 12" EXTENSION EXCEPT WHERE THE EXTENSION WILL ENCRONCH ON CITY SIDEWALKS OR WHERE SPACE DOES NOT PERMIT.



- NOTES:**
1. NEW SAFETY TREAD EMBEDDED IN CAST-IN-PLACE CONCRETE STEPS.
 2. SAFETY TREADS TO BE PLACED ON ALL NEW BUILDING AND SITE STEPS.

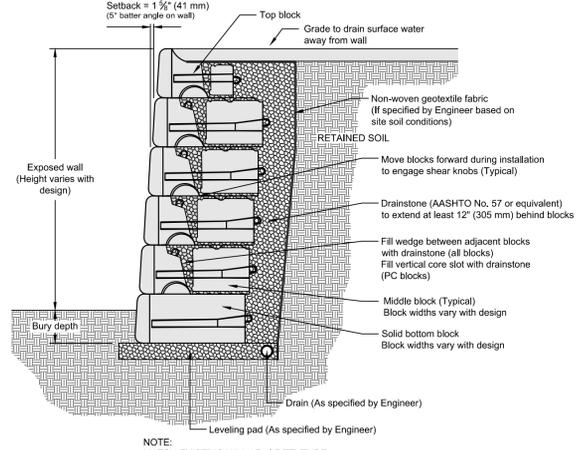


- GENERAL NOTES FOR CAST-IN-PLACE CONCRETE STEPS**
1. THE STEPS TO BE REPLACED SHALL BE 4000 PSI CONCRETE, WITH #4 AT 12" EACH WAY.
 2. 6" OF COMPACTED GRAVEL BASE SHALL BE PLACED UNDER ALL CONCRETE POURS.
 3. STEPS AND LANDINGS SHALL RECEIVE A BRUSHED FINISH THAT PROVIDES A DURABLE NONSLIP SURFACE.
 4. THE CONTRACTOR IS RESPONSIBLE FOR PATCHING EXISTING AREAS IMPACTED BY THE CONSTRUCTION.

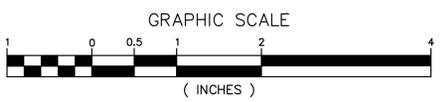
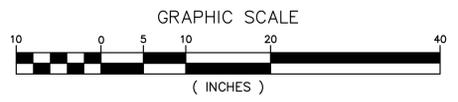
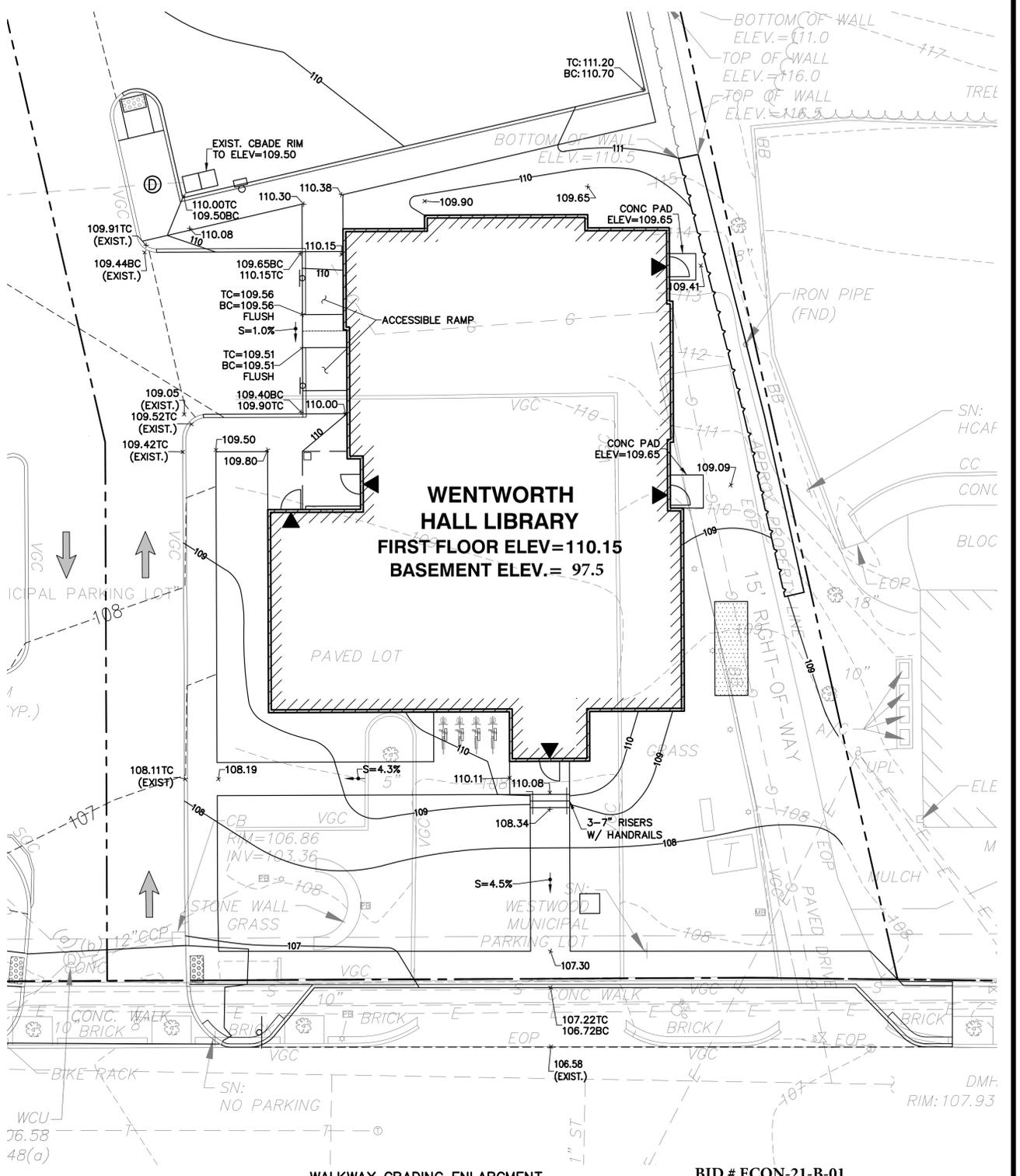


- NOTES:**
1. BOLTS SHALL BE "KWIK BOLT 3" STAINLESS STEEL 1/2" ANCHOR AND DRILL BIT SIZE. 5 1/2" LONG WITH A MINIMUM 3 1/2" EMBEDMENT INTO CONCRETE. MINIMUM OF THREE (3) ON EACH FLANGE.
 2. FIELD MEASURE AND SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.

CONTINUOUS METAL HANDRAIL
N.T.S.



REDI-ROCK
TYPICAL SECTION
REDI-ROCK MODULAR BLOCK GRAVITY RETAINING WALL
N.T.S.



BID # ECON-21-B-01

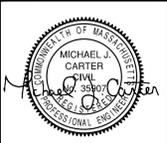
CONSTRUCTION DETAILS AND WALKWAY GRADING ENLARGEMENT

NEW WENTWORTH HALL
WESTWOOD, MA

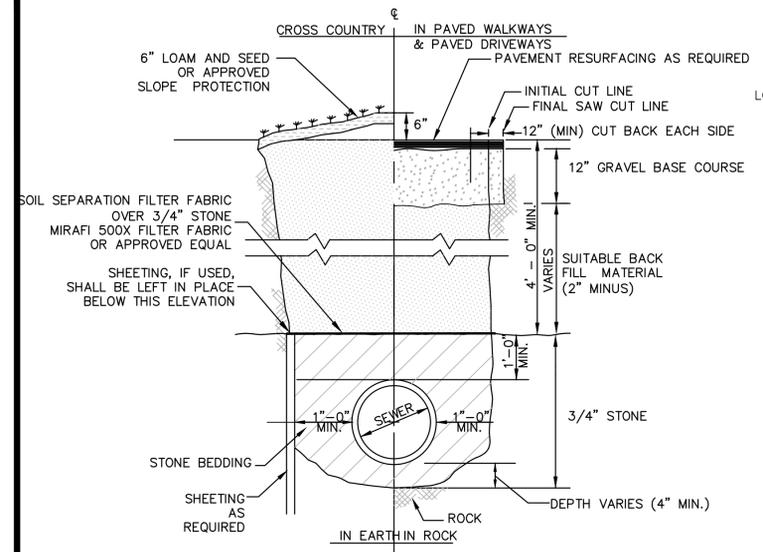
GCG ASSOCIATES, INC.
WILMINGTON MASSACHUSETTS

SCALE: AS NOTED DATE: JUNE 10, 2020

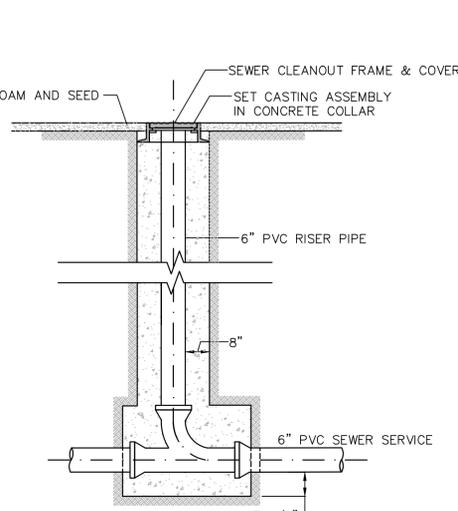
JOB NO./FILE NAME: 1753-LIBRARY-3 DESIGNED BY: J.P.G. PLAN NO. 5 OF 6
DRAWN BY: J.P.G.
CHECKED BY: M.J.C.



DATE: 06/10/2020 10:52 AM

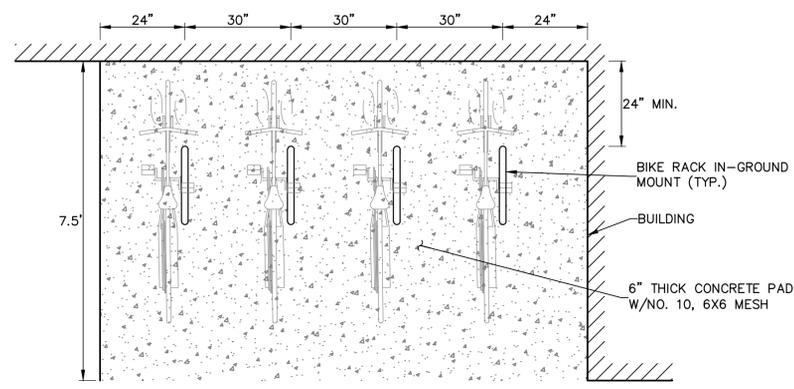


SEWER TRENCH DETAIL
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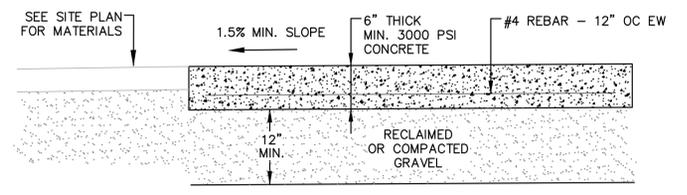


1. CLEANOUT TOP SHALL BE ENCLOSED IN CASTING AND/OR FABRICATED COVER ASSEMBLY.

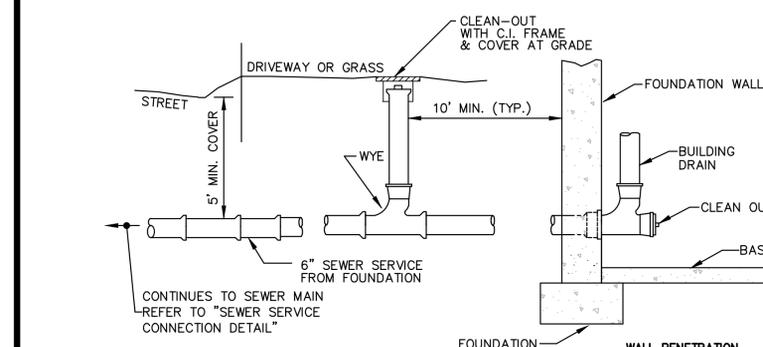
SEWER CLEANOUT DETAIL
N.T.S.



BIKE RACK SPACING
N.T.S.

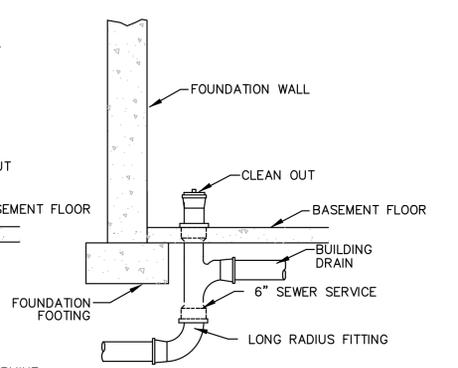


CONCRETE PAD DETAIL
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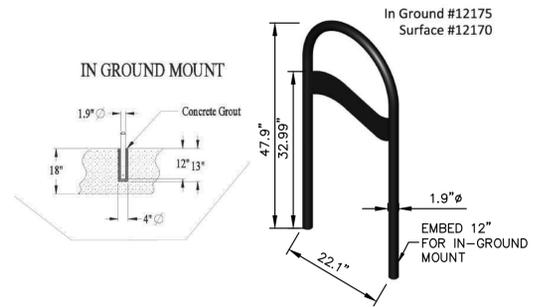


1. MINIMUM SLOPE = 1/4" PER FOOT
2. CHECK SEWER SERVICE INVERT OF EACH UNIT TO DETERMINE IF THE SERVICE WILL BE LOCATED ABOVE OR BELOW THE BASEMENT FLOOR OR IF A CHIMNEY IS REQUIRED AT THE SEWER MAIN.

TYPICAL SEWER SERVICE
N.T.S.



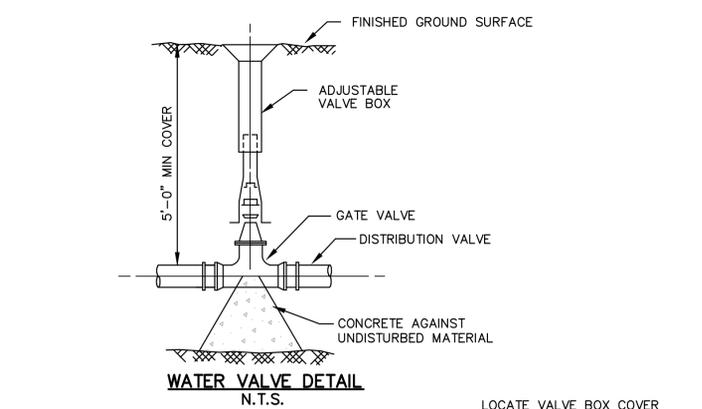
FLOOR PENETRATION
N.T.S.



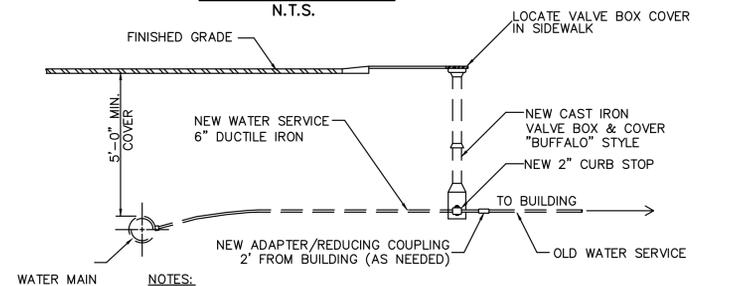
NEW BIKE RACKS: CYCLESAFE, VINTAGE (RAPID) RACKS IN GROUND MOUNT MODEL #12175, WWW.CYCLESAFE.COM
BIKE RACK (CYCLESAFE MODEL #12175)
N.T.S.

GENERAL SEWER NOTES

- 1.) ALL MATERIALS FOR SEWER SHALL CONFORM TO THE TOWN OF WESTWOOD SEWER DEPARTMENT REQUIREMENTS.
- 2.) PROPOSED SEWER SERVICES ARE SHOWN IN THEIR APPROXIMATE LOCATION. THE EXACT LOCATION OF EACH SEWER SERVICE WILL BE DETERMINED BY THE ENGINEER AFTER TEST PITS ARE COMPLETED.
- 3.) THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE LOCATION OF THE EXISTING SEWER SERVICES AT FOR CONNECTION TO THE PROPOSED SEWER.
- 4.) ALL NEW GRAVITY SANITARY SEWER PIPE AND FITTINGS SHALL BE PVC PIPE, SDR-35 IN CONFORMANCE WITH ASTM D-3034.



WATER VALVE DETAIL
N.T.S.



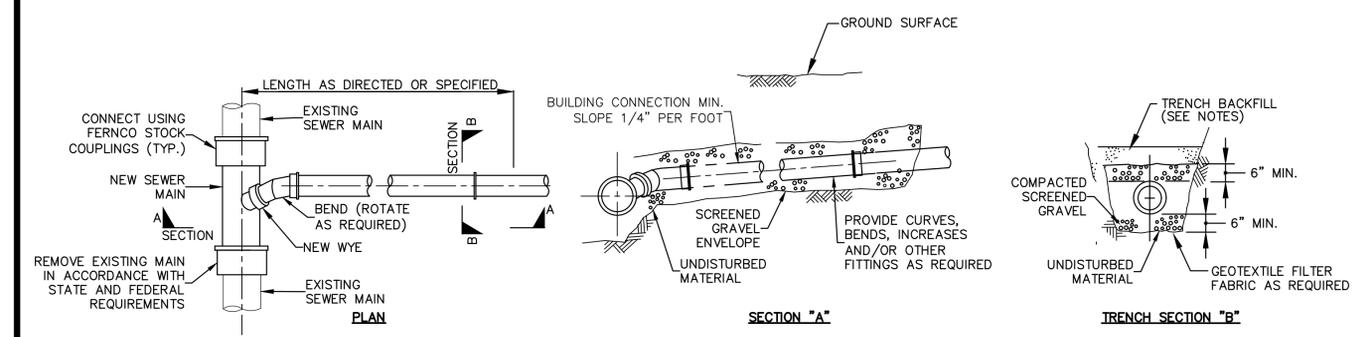
NOTES:

1. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHICH WATER SERVICES ARE LEAD AND IRON PIPE.

WATER SERVICE CONNECTION
N.T.S.

GENERAL WATER NOTES

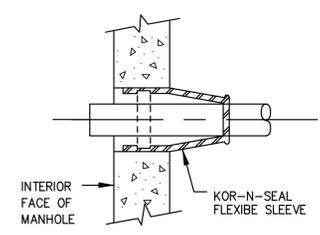
- 1.) ALL MATERIALS FOR WATER SYSTEM SHALL CONFORM TO THE DEDHAM WESTWOOD WATER DEPARTMENT REQUIREMENTS.
- 2.) ALL NEW CORPORATION COCKS, CURB STOPS AND COPPER TUBING FOR EACH NEW SERVICE SHALL BE 2-INCH IN SIZE UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.



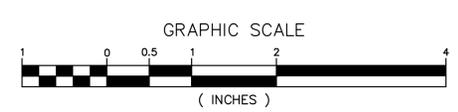
NOTES:

1. TRENCH BACKFILL TO BE USED WITHIN THE RIGHT-OF-WAY SHALL CONSIST OF EITHER GRAVEL BORROW MEETING MHD SPECIFICATION M1.03.0, TYPE "B" OR PROCESSED GRAVEL BORROW FOR SUBBASE MEETING MHD SPECIFICATION M1.03.1.
2. WHERE THE REMOVAL OF 100 SQUARE FEET OR LESS OF ASPHALT IS REQUIRED WITHIN THE RIGHT OF WAY, THEN THE TRENCH BACKFILL MATERIAL SHALL CONSIST OF CONTROLLED DENSITY FILL MEETING MHD SPECIFICATION M4.08.0, TYPE "1E" OR "2E".
3. TRENCH BACKFILL MATERIAL TO BE USED OUTSIDE OF THE RIGHT-OF-WAY MAY CONSIST OF MATERIAL GENERATED DURING EXCAVATIONS PROVIDED ALL STONES GREATER THAN 4" ARE REMOVED PRIOR TO PLACEMENT AND COMPACTION.
4. GRANULAR TRENCH BACKFILL MATERIAL USED WITHIN THE RIGHT-OF-WAY SHALL BE PLACED IN MAXIMUM 6" LIFTS AND MECHANICALLY COMPACTIONED TO A MINIMUM OF 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY AND TO 90% ELSEWHERE AS DETERMINED BY ASTM D 1557.
5. IF THE EXISTING SEWER MAIN HAS A CIPP LINER THEN THAN ANNUAL SPACE BETWEEN THE LINER AND THE EXISTING MAIN SHALL BE SEALED USING ADEKA ULTRASEAL P-201 OR EQUAL PRIOR TO INSTALLATION OF THE NEW MAIN.

SEWER SERVICE CONNECTION DETAIL
N.T.S.



PIPE CONNECTION DETAIL
N.T.S.



BID # ECON-21-B-01

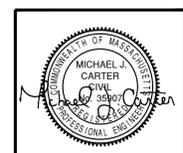
CONSTRUCTION DETAILS

NEW WENTWORTH HALL
WESTWOOD, MA

GCG ASSOCIATES, INC.
WILMINGTON MASSACHUSETTS

SCALE: AS NOTED DATE: JUNE 10, 2020

JOB NO. \FILE NAME: 1753-LIBRARY-DETAILS-2 DESIGNED BY: J.P.G. PLAN NO. 6 OF 6
DRAWN BY: J.P.G. CHECKED BY: M.J.C.



**New
Wentworth Hall**

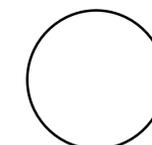
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REV #	DATE	ISSUANCE

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**Continuous Air &
Vapor Barrier**

JOB NO

DATE 6.10.2020

DWG BY RJM

CKD BY MLM

SCALE

A-0.2

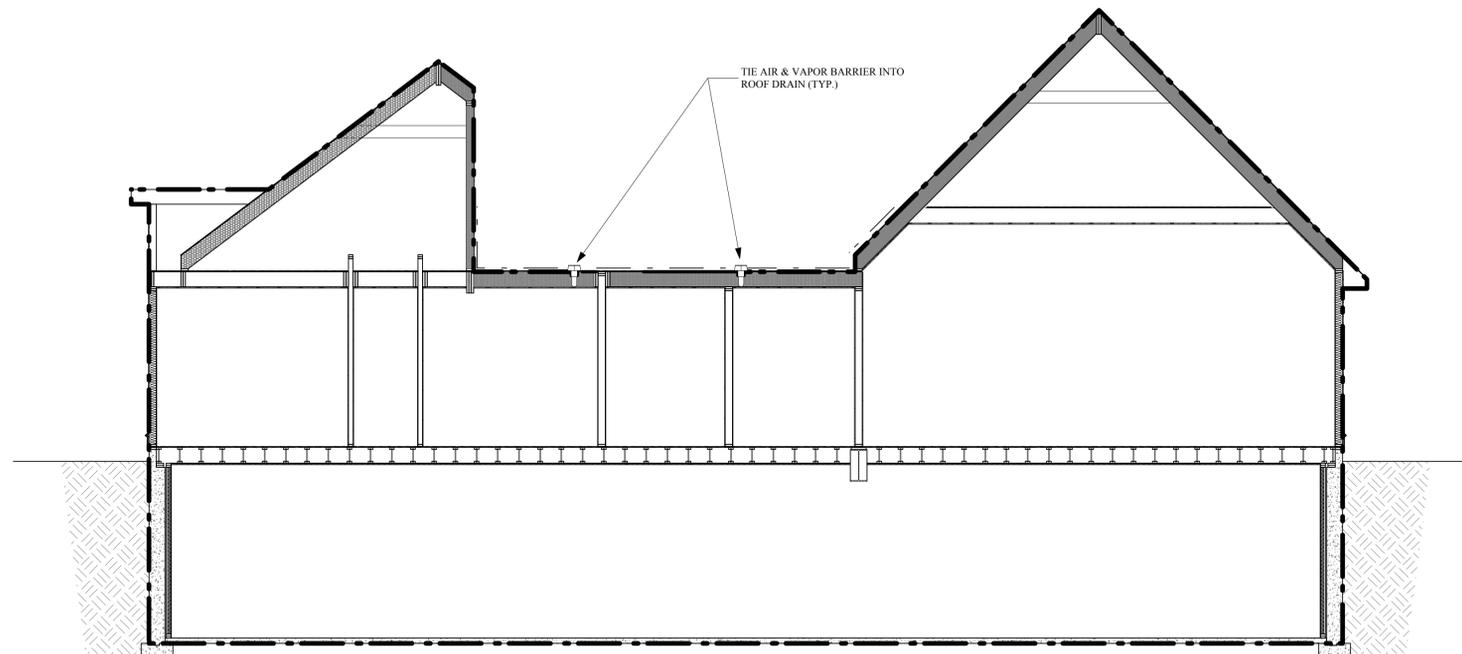
1/4" = 1'-0"

LEGEND

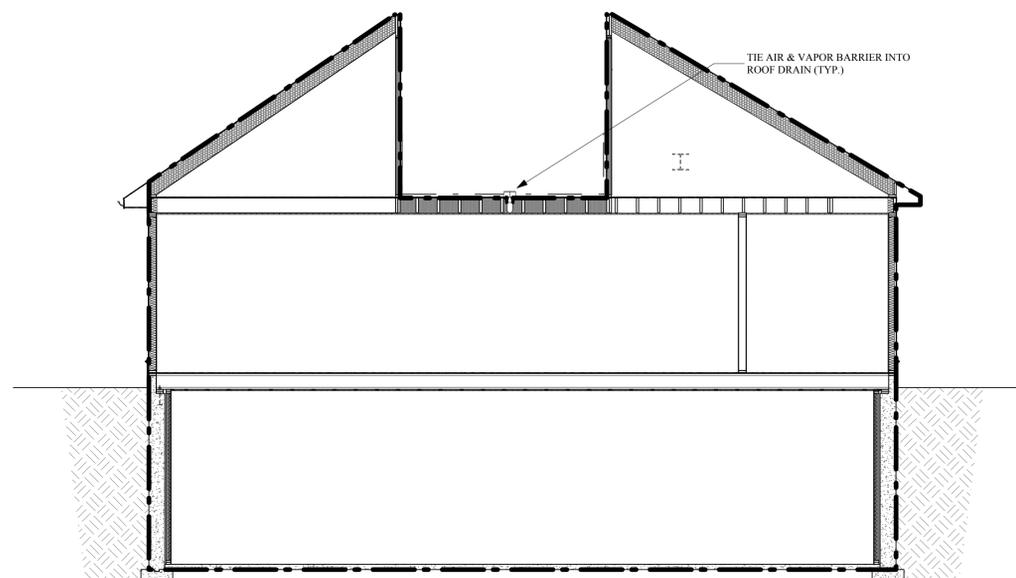
— A + V BARRIER LOCATION

GENERAL NOTES

1. A CONTINUOUS AIR & VAPOR BARRIER (AVB) OVER ENTIRE BUILDING ENVELOPE IS A REQUIREMENT OF THIS PROJECT.
2. THE AVB IS COMPRISED OF MANY DIFFERENT PRODUCTS AND ASSEMBLIES EACH OF WHICH MAY BE PROVIDED BY DIFFERENT CONTRACTORS & SUPPLIERS.
3. IT IS THE RESPONSIBILITY OF EACH CONTRACTOR TO CONFIRM PRIOR TO INSULATION THAT EACH ELEMENT OF THE AVB THEY ARE INSTALLING IS COMPATIBLE W/ ALL OTHER AVB COMPONENTS THEIR WORK TOUCHES.
4. AT ALL PENETRATIONS AND CONNECTIONS MAINTAIN THE INTEGRITY & CONTINUOUS NATURE OF THE AVB.
5. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO COORDINATE ALL THE VARIOUS ELEMENTS OF THE AVB PROVIDED BY SUB CONTRACTORS AND TO ENSURE THAT A CONTINUOUS AVB IS MAINTAINED.



1 Section E-E
A-1.1 3/16" = 1'-0"



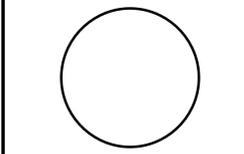
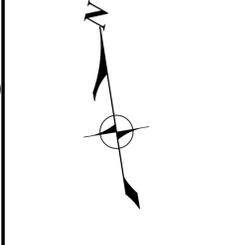
1 Section D-D
A-1.1 3/16" = 1'-0"

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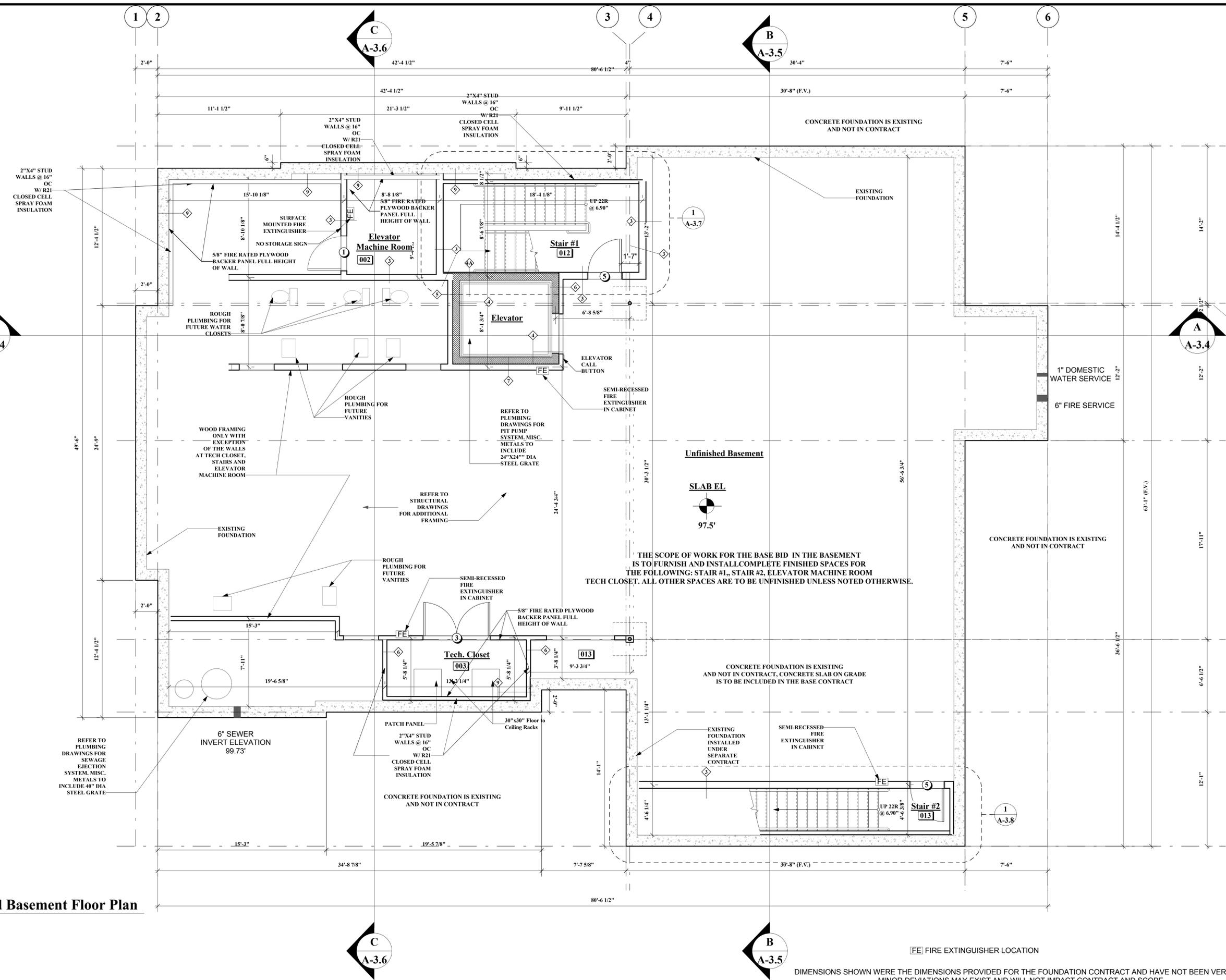


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Proposed Basement Floor Plan

JOB NO	A-1.1	
DATE		6.10.2020
DWG BY		RJM
CKD BY		MLM
SCALE		1/4" = 1'-0"



1 Proposed Basement Floor Plan
A-1.1 1/4" = 1'-0"

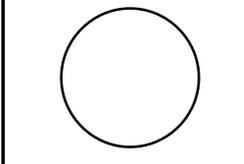
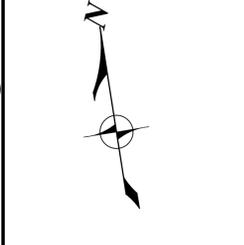
Ⓕ FIRE EXTINGUISHER LOCATION
DIMENSIONS SHOWN WERE THE DIMENSIONS PROVIDED FOR THE FOUNDATION CONTRACT AND HAVE NOT BEEN VERIFIED. MINOR DEVIATIONS MAY EXIST AND WILL NOT IMPACT CONTRACT AND SCOPE

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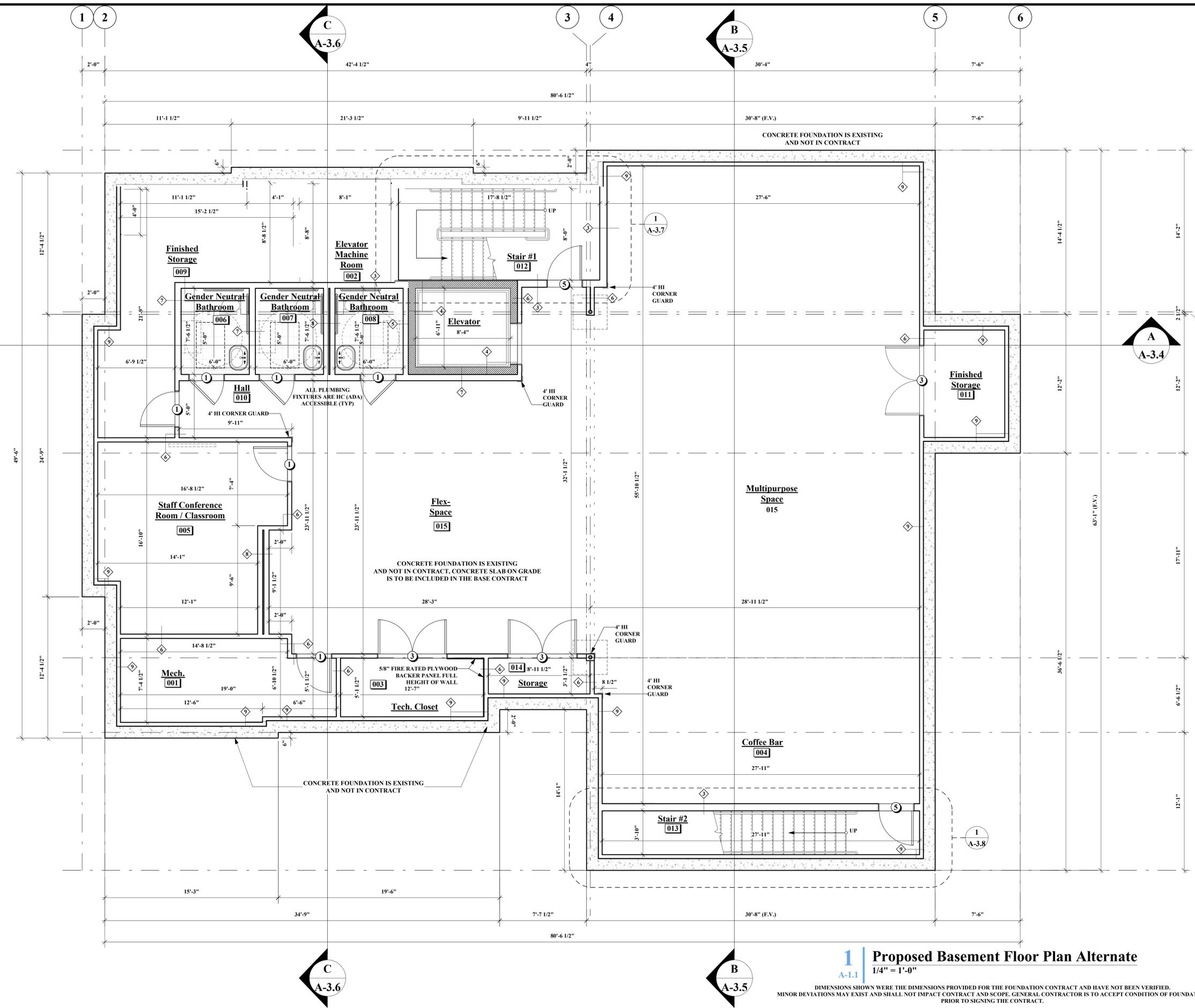
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**Proposed Basement
Floor Plan**

JOB NO	A-1.1 ALT
DATE	
DWG BY	
CKD BY	
SCALE	



1 Proposed Basement Floor Plan Alternate
A-1.1 1/4" = 1'-0"

DIMENSIONS SHOWN WERE THE DIMENSIONS PROVIDED FOR THE FOUNDATION CONTRACT AND HAVE NOT BEEN VERIFIED. MINOR DEVIATIONS MAY EXIST AND SHALL NOT IMPACT CONTRACT AND SCOPE. GENERAL CONTRACTOR IS TO ACCEPT CONDITION OF FOUNDATION PRIOR TO SIGNING THE CONTRACT.

A
A-3.4

C
A-3.6

B
A-3.5

A
A-3.4

C
A-3.6

B
A-3.5

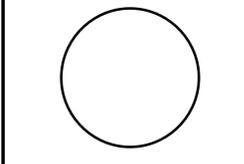
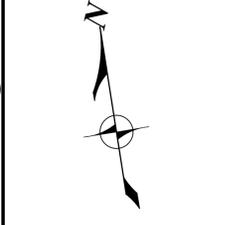
F
A-3.8

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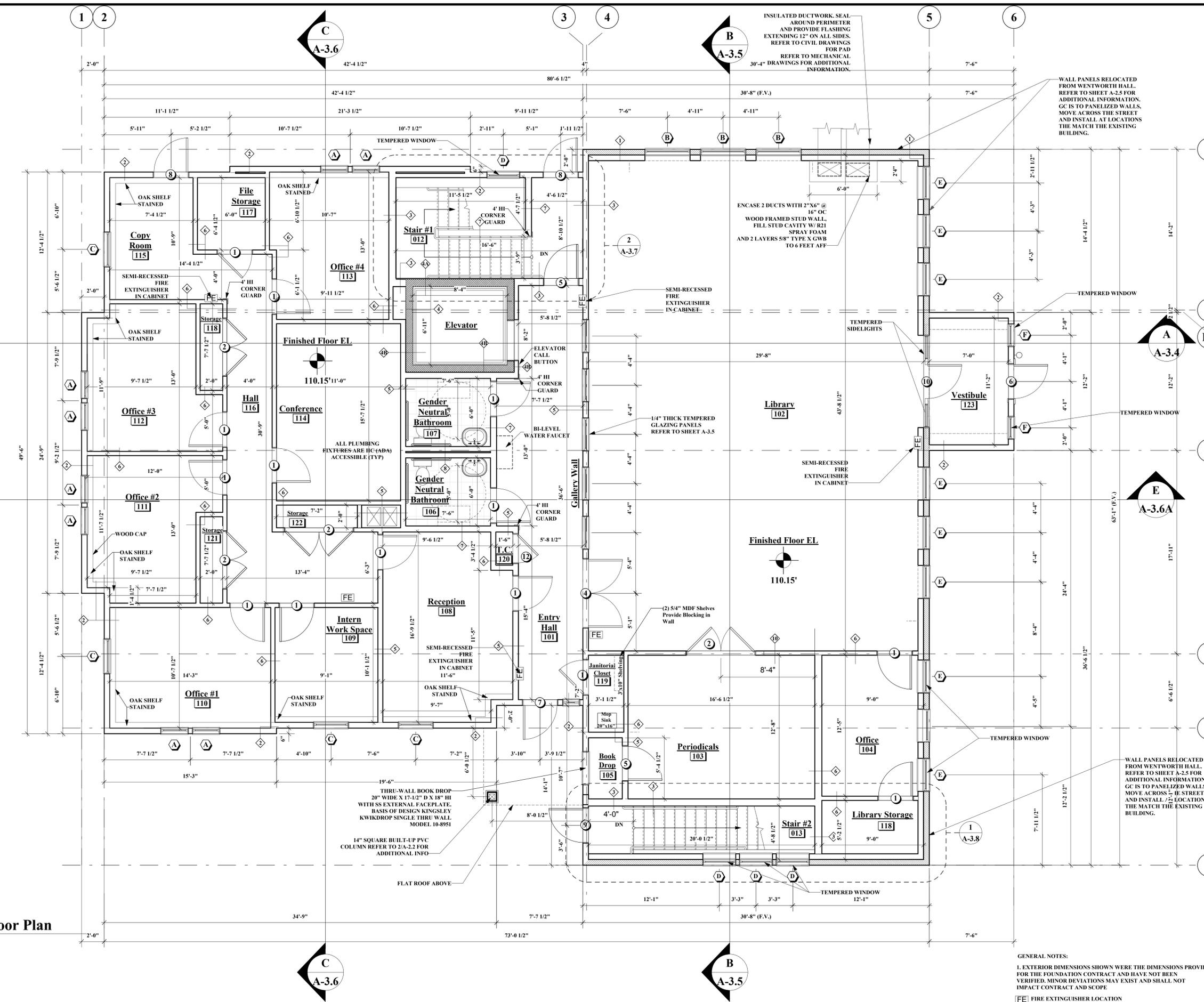


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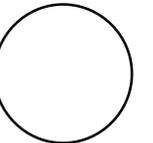
Proposed First Floor Plan

JOB NO	A-1.2
DATE	
DWG BY	
CKD BY	
SCALE	



1 Proposed First Floor Plan
1/4" = 1'-0"

GENERAL NOTES:
1. EXTERIOR DIMENSIONS SHOWN WERE THE DIMENSIONS PROVIDED FOR THE FOUNDATION CONTRACT AND HAVE NOT BEEN VERIFIED. MINOR DEVIATIONS MAY EXIST AND SHALL NOT IMPACT CONTRACT AND SCOPE.
[FE] FIRE EXTINGUISHER LOCATION



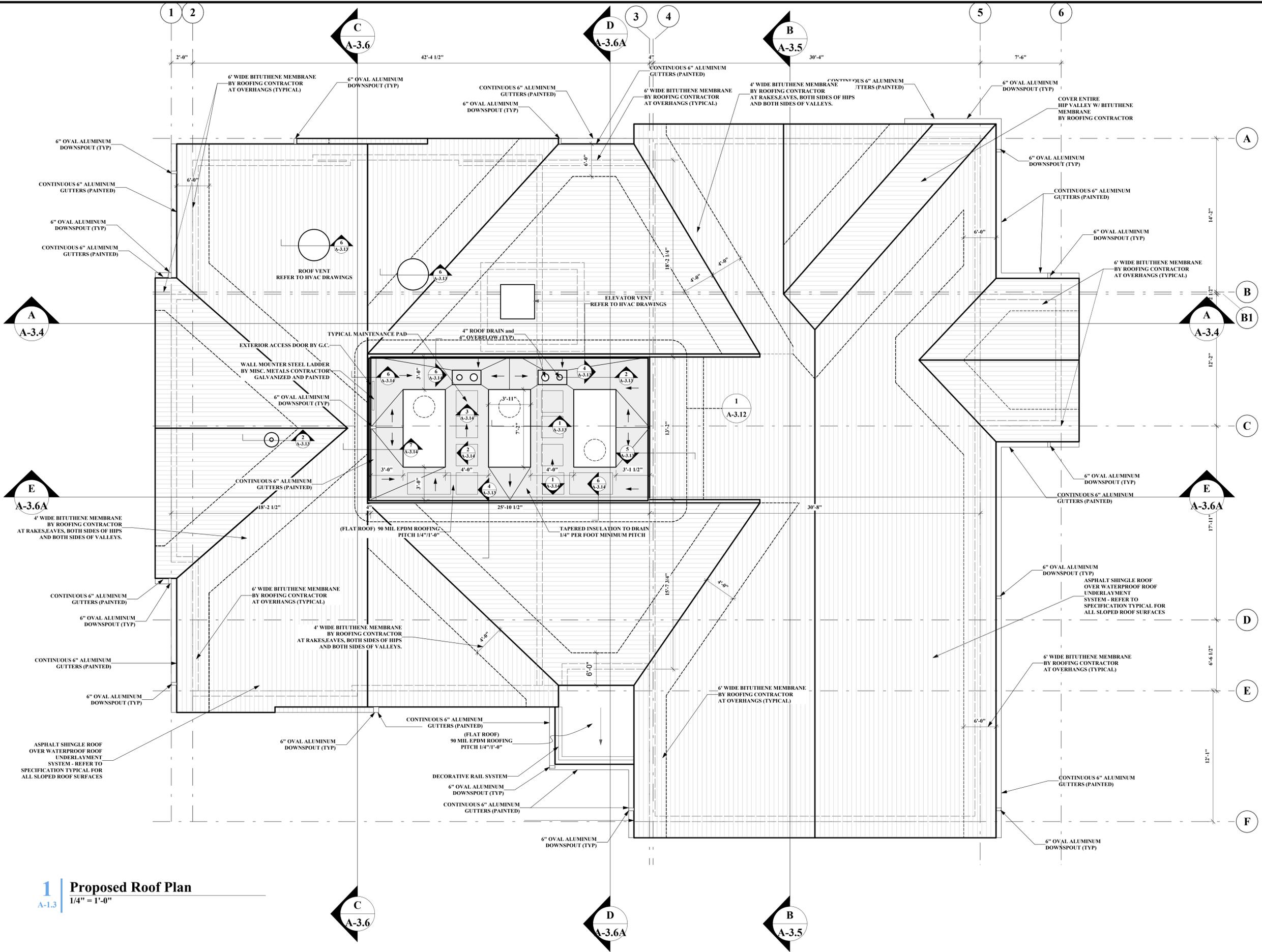
REV #	DATE	ISSUANCE

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**Proposed
Roof Plan**

JOB NO		A-1.3
DATE	6.10.2020	
DWG BY	RJM	
CKD BY	MLM	
SCALE	1/4" = 1'-0"	



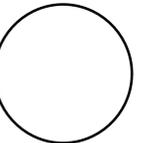
1 Proposed Roof Plan
A-1.3 1/4" = 1'-0"

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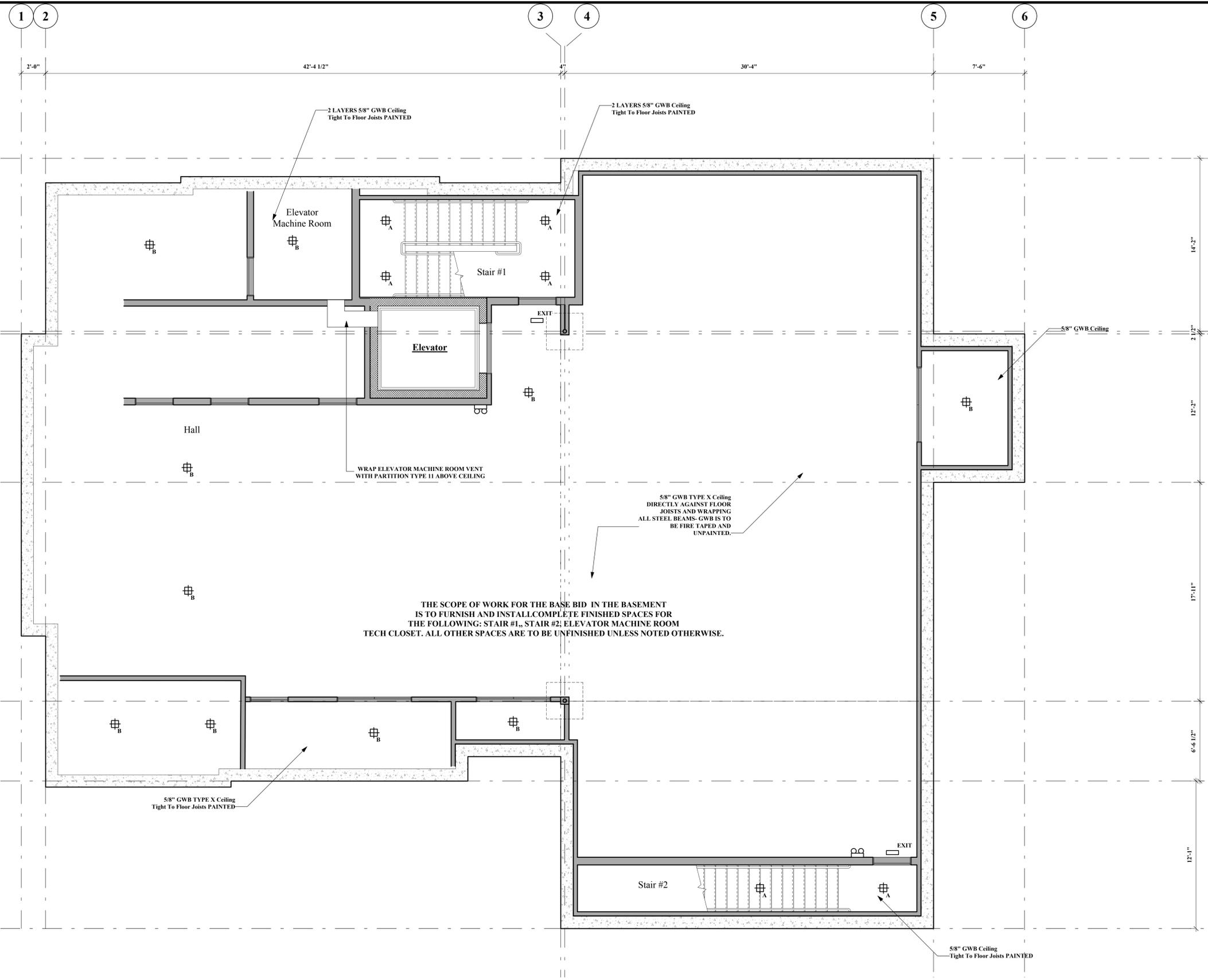
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**Basement Floor
Reflected Ceiling
Plan**

JOB NO	A-1.4	
DATE		6.10.2020
DWG BY		RJM
CKD BY		MLM
SCALE	1/4" = 1'-0"	



THE SCOPE OF WORK FOR THE BASE BID IN THE BASEMENT IS TO FURNISH AND INSTALL COMPLETE FINISHED SPACES FOR THE FOLLOWING: STAIR #1, STAIR #2; ELEVATOR MACHINE ROOM TECH CLOSET. ALL OTHER SPACES ARE TO BE UNFINISHED UNLESS NOTED OTHERWISE.

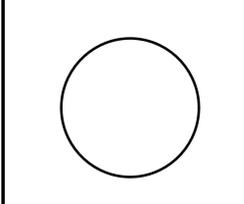
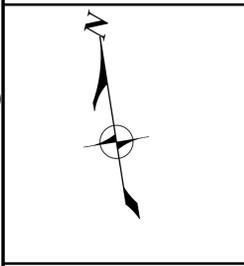
REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATIONS

1 **Basement Floor Reflected Ceiling Plan**
A-1.4 1/4" = 1'-0"

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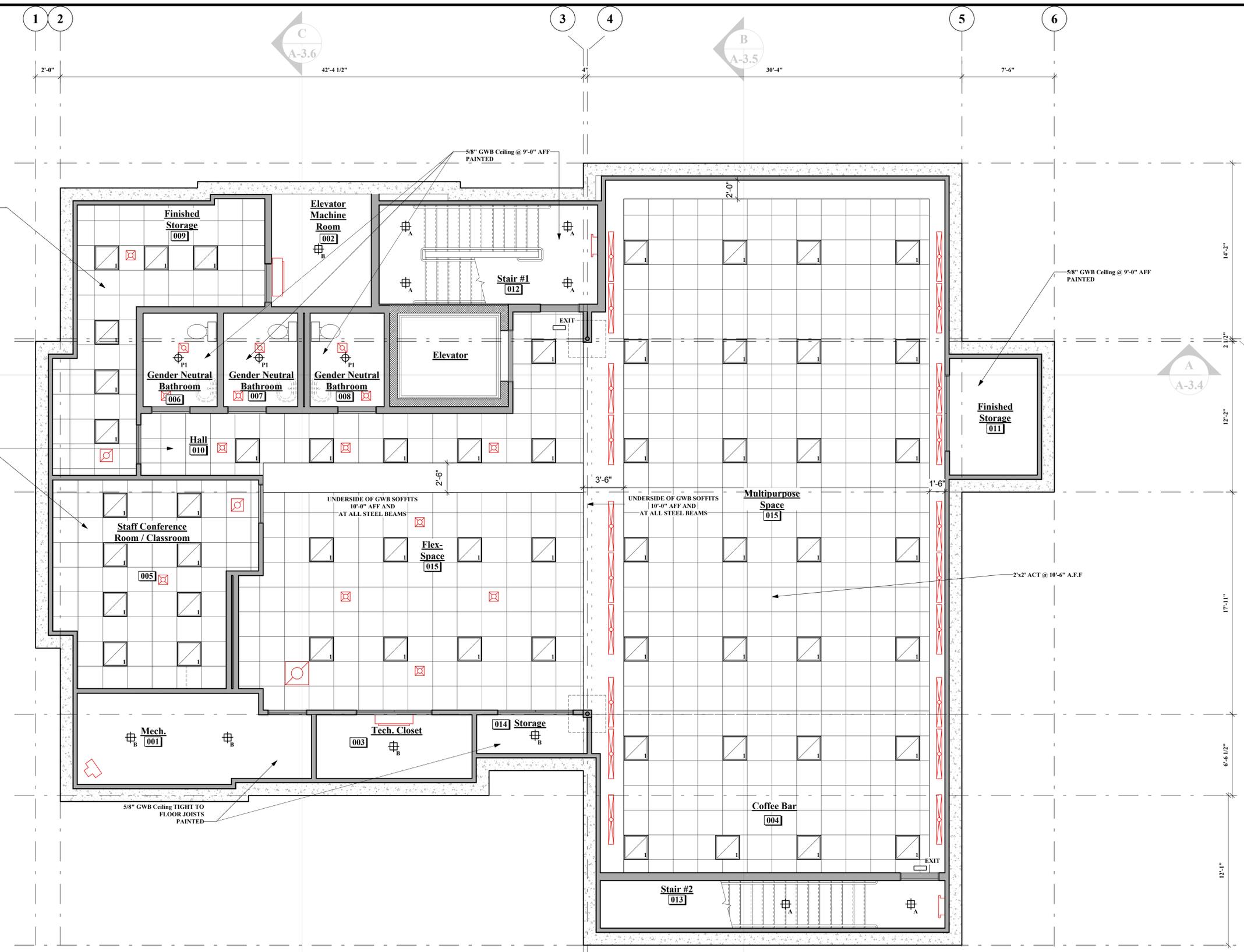


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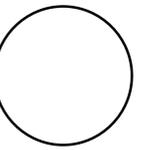
**Basement Floor
Reflected Ceiling
Plan**

JOB NO	A-1.4 ALT
DATE 6.10.2020	
DWG BY RJM	
CKD BY MLM	
SCALE 1/4" = 1'-0"	



1 Basement Floor Reflected Ceiling Plan
A-1.4 1/4" = 1'-0"

REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATIONS



REV # | DATE | ISSUANCE

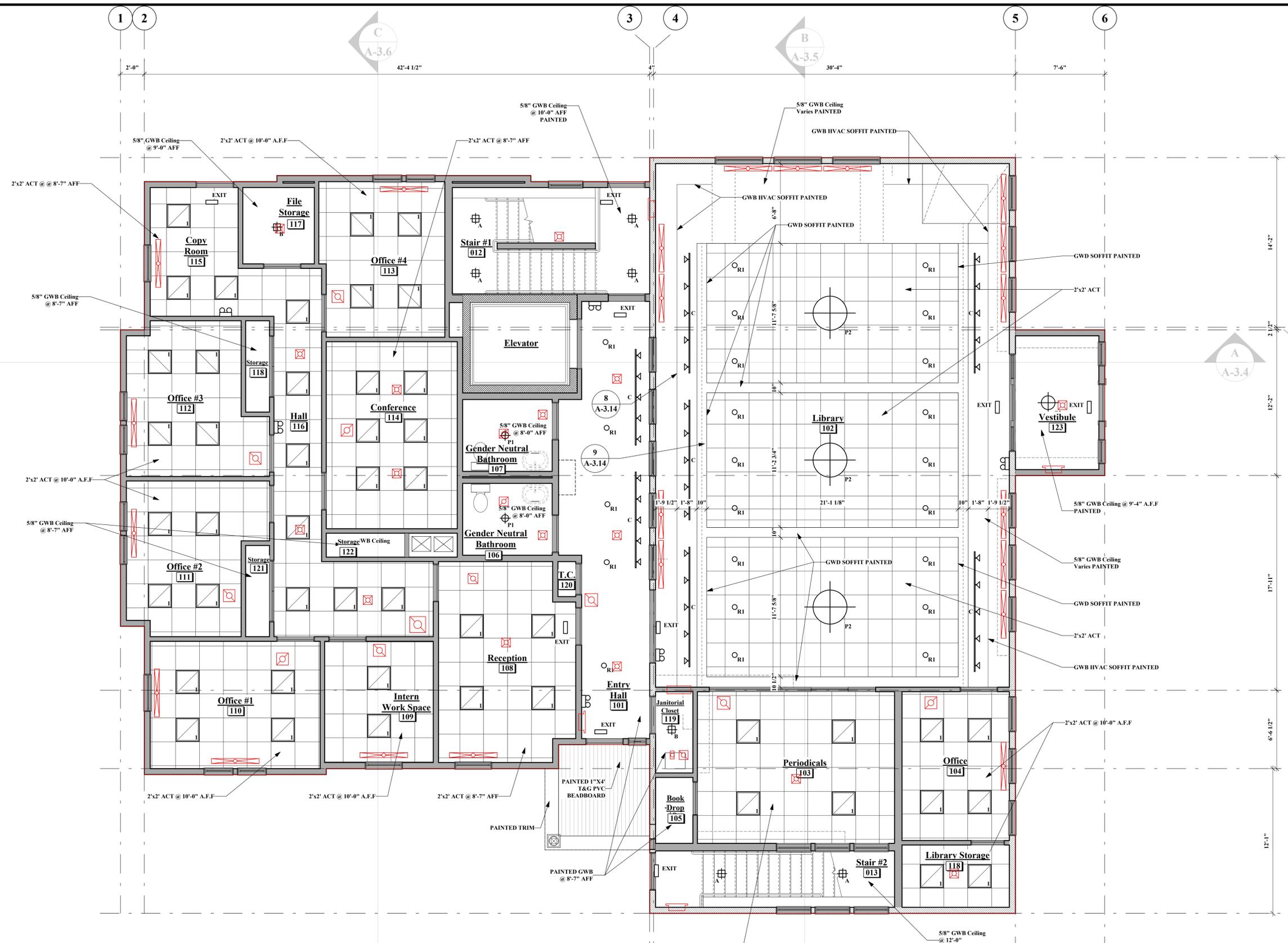
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**First Floor
Reflected Ceiling
Plan**

JOB NO	A-1.5
DATE	
DWG BY	
CKD BY	
SCALE	



1 First Floor Reflected Ceiling Plan
A-1.5 1/4" = 1'-0"

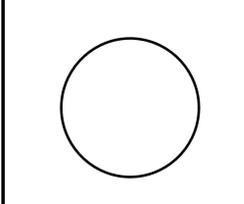
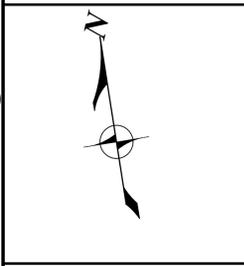
ALL EXPOSED GWB SURFACES ARE TO BE PAINTED BY PAINTING SUB-CONTRACTOR
REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE DESIGNATIONS
REFER TO BUILDING SECTIONS FOR ADDITIONAL INFORMATION ON CEILING HEIGHTS

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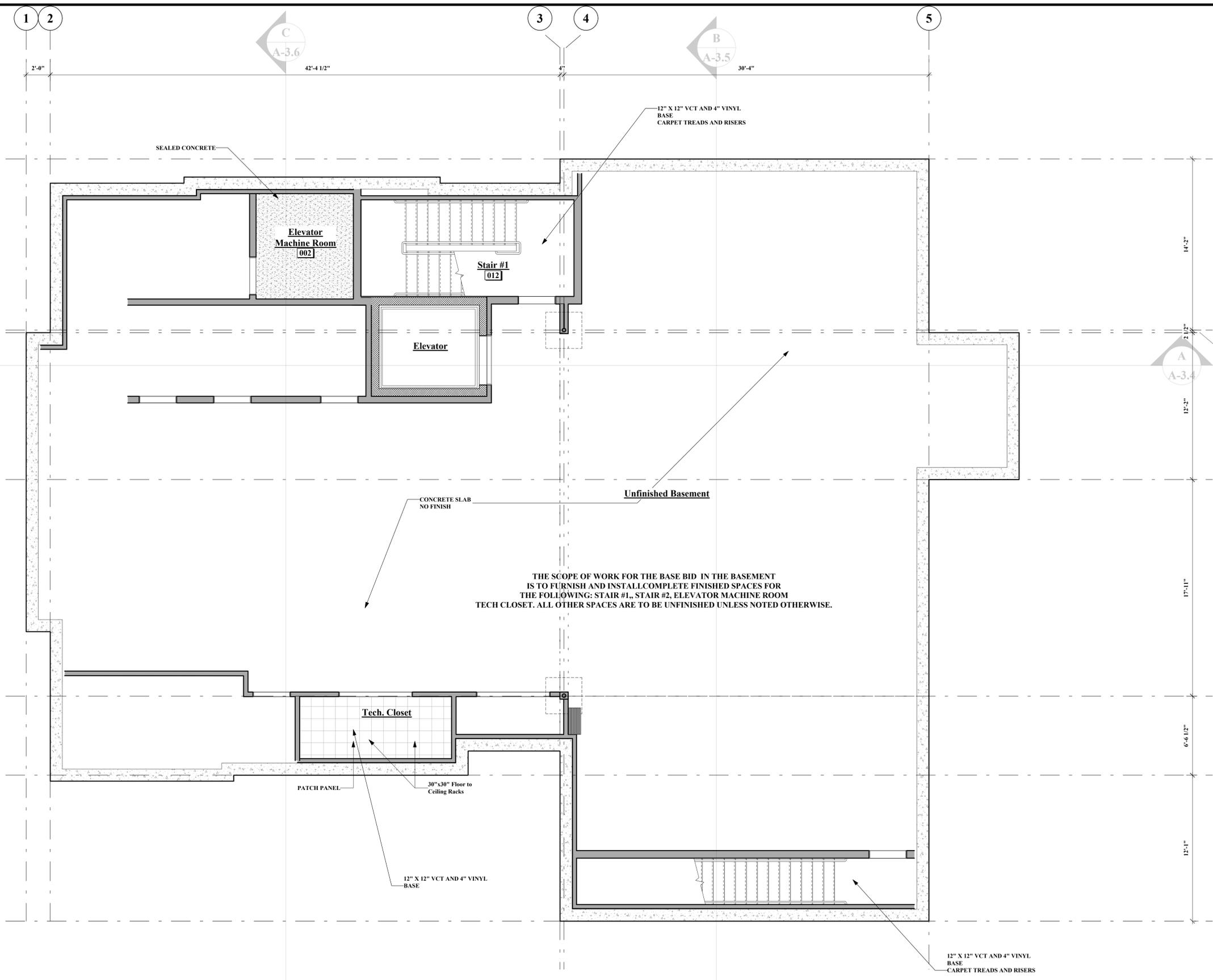
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**Basement Floor
Flooring Plan**

JOB NO	A-1.6	
DATE		6.10.2020
DWG BY		RJM
CKD BY		MLM
SCALE	1/4" = 1'-0"	



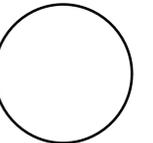
1 Basement Floor Flooring Plan
1/4" = 1'-0"

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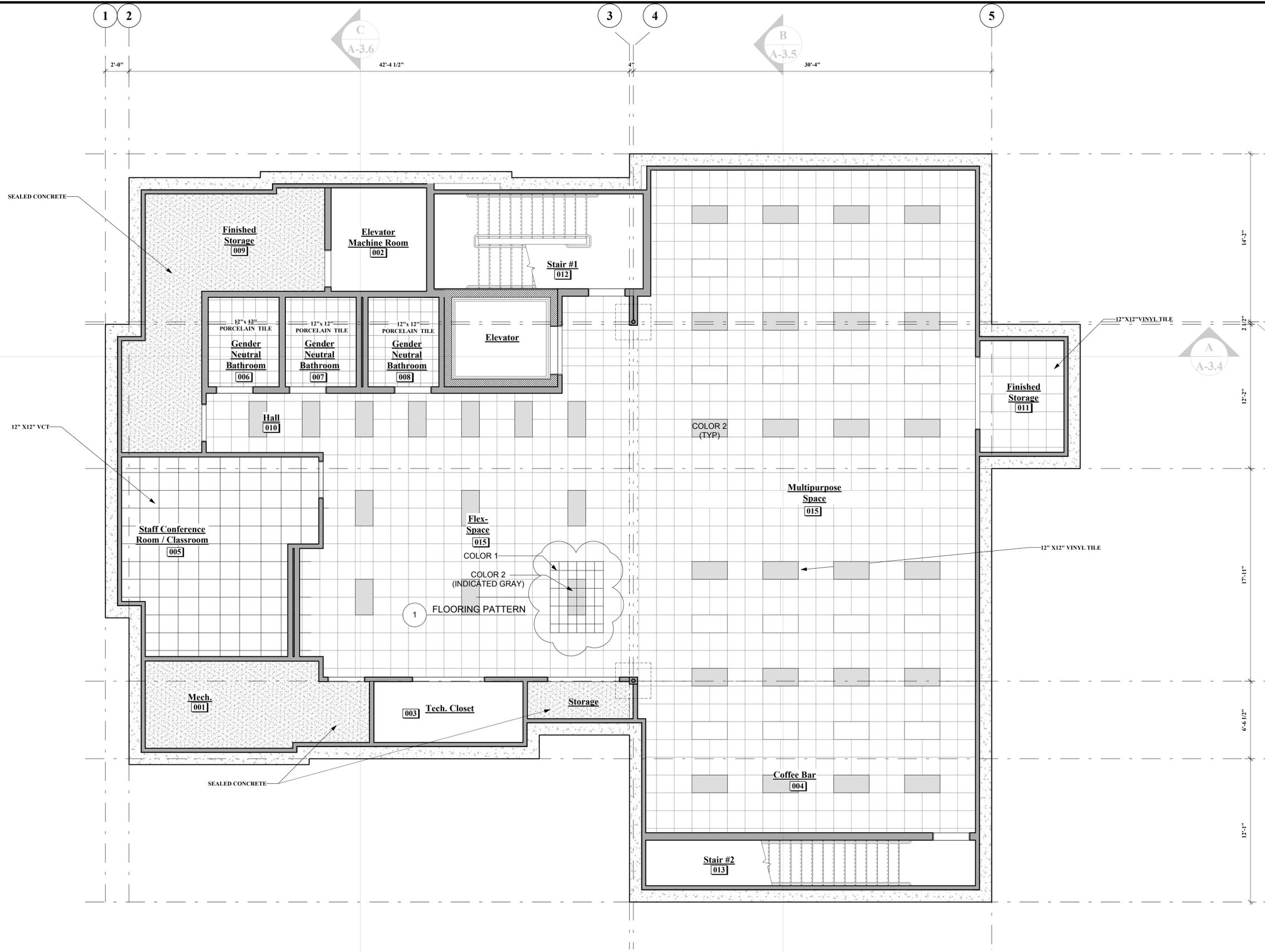
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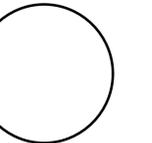
**Basement Floor
Flooring Plan**

JOB NO		A-1.6 ALT
DATE	6.10.2020	
DWG BY	RJM	
CKD BY	MLM	
SCALE	1/4" = 1'-0"	

ALTERNATE



1 Basement Floor Flooring Plan
A-1.4 1/4" = 1'-0"



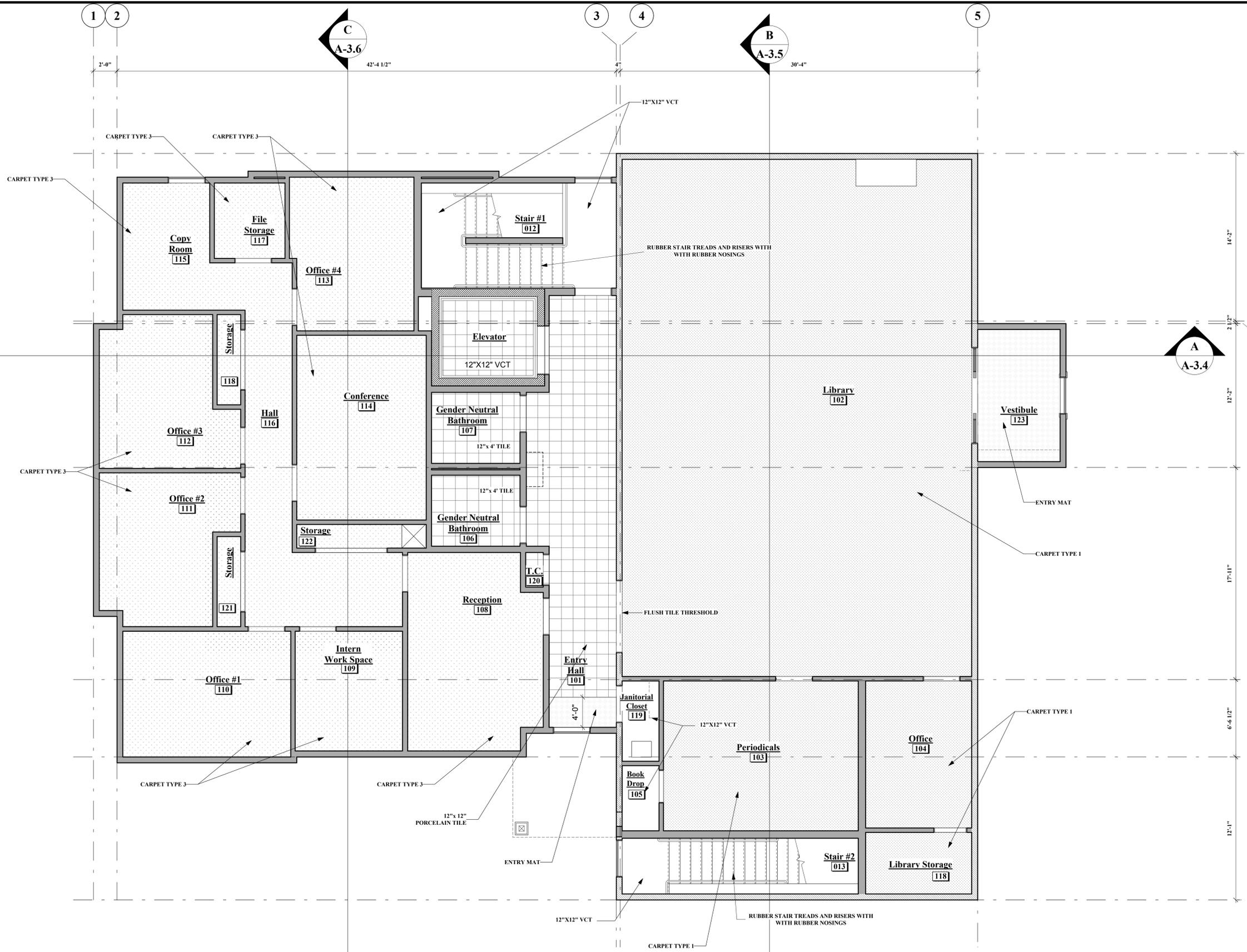
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**First Floor
Flooring Plan**

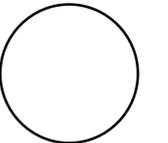
JOB NO	
DATE	6.10.2020
DWG BY	RJM
CKD BY	MLM
SCALE	1/4" = 1'-0"

A-1.7



1 First Floor Flooring Plan
1/4" = 1'-0"

ALL CARPETED AND VCT AREAS ARE TO HAVE 4" VINYL BASE
CARPET TYPES ARE FOR COLOR DIFFERENCE ONLY,
ALL CARPET IS THE SAME BRAND.



REV # | DATE | ISSUANCE

REV #	DATE	ISSUANCE

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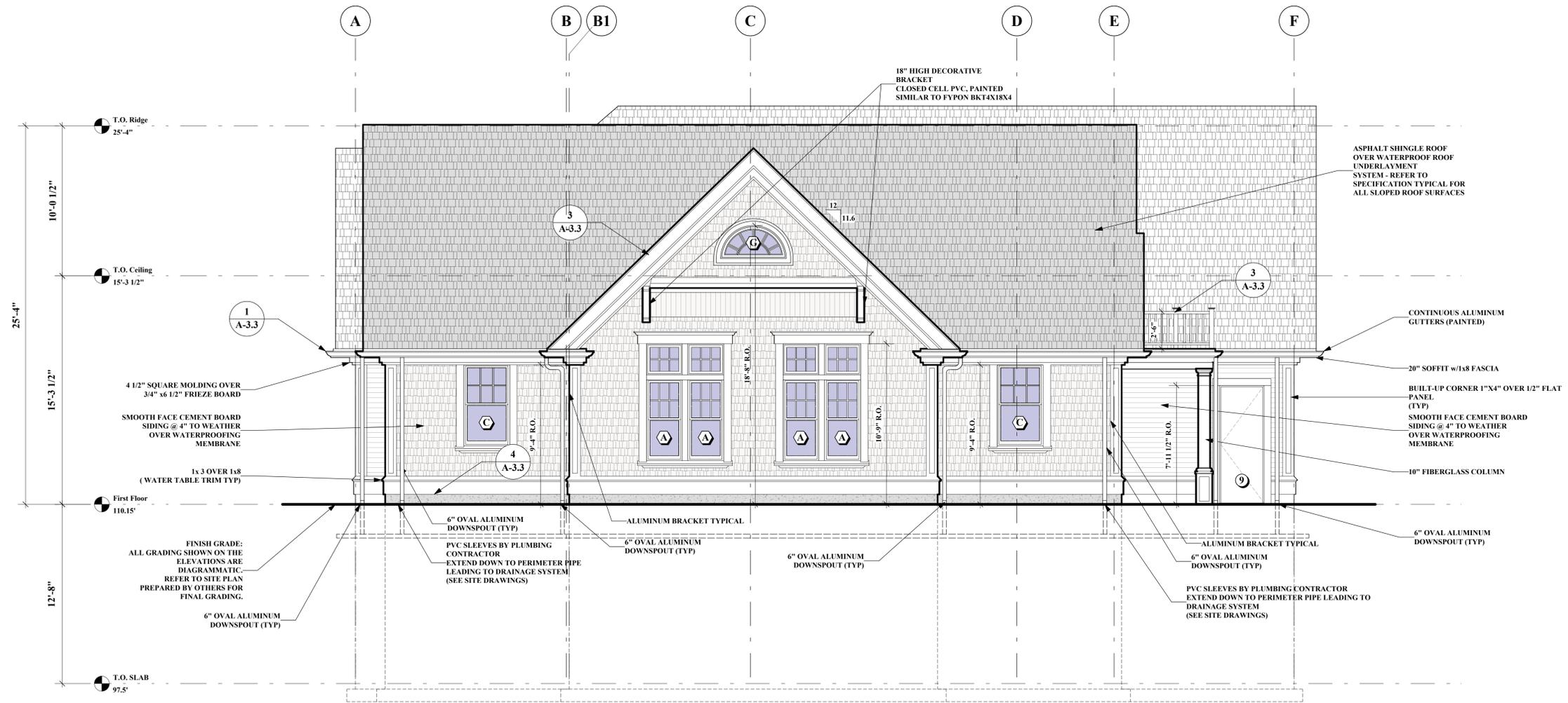
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**Proposed Rear
(West)
Elevation**

JOB NO	A-2.3
DATE	
DWG BY	
CKD BY	
SCALE	

GENERAL NOTE:

ALL TRIM (INCLUDING WATER TABLES, SILLS, CORNER BOARDS, RAKES, FASCIAS, SOFFITS, DECORATIVE BRACKETS, RAILINGS, POSTS, COLUMNS, RAIL AND STILE TRIM, CASINGS, HEADERS) TO BE CELLULAR PVC BOARD FURNISHED AND INSTALLED BY THE GC.
ALL TRIM IS TO BE PAINTED WHITE BY PAINTING CONTRACTOR (FILE SUB BID)
ALL SIDING IS TO BE PREFINISHED CEMENT BOARD SIDING. PAINTING CONTRACTOR IS TO TOUCH UP WITH COMPATIBLE PAINT IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.



1 Proposed West (Rear) Elevation
A-2.3 1/4" = 1'-0"

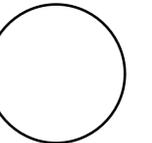
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REV # DATE ISSUANCE

REV #	DATE	ISSUANCE

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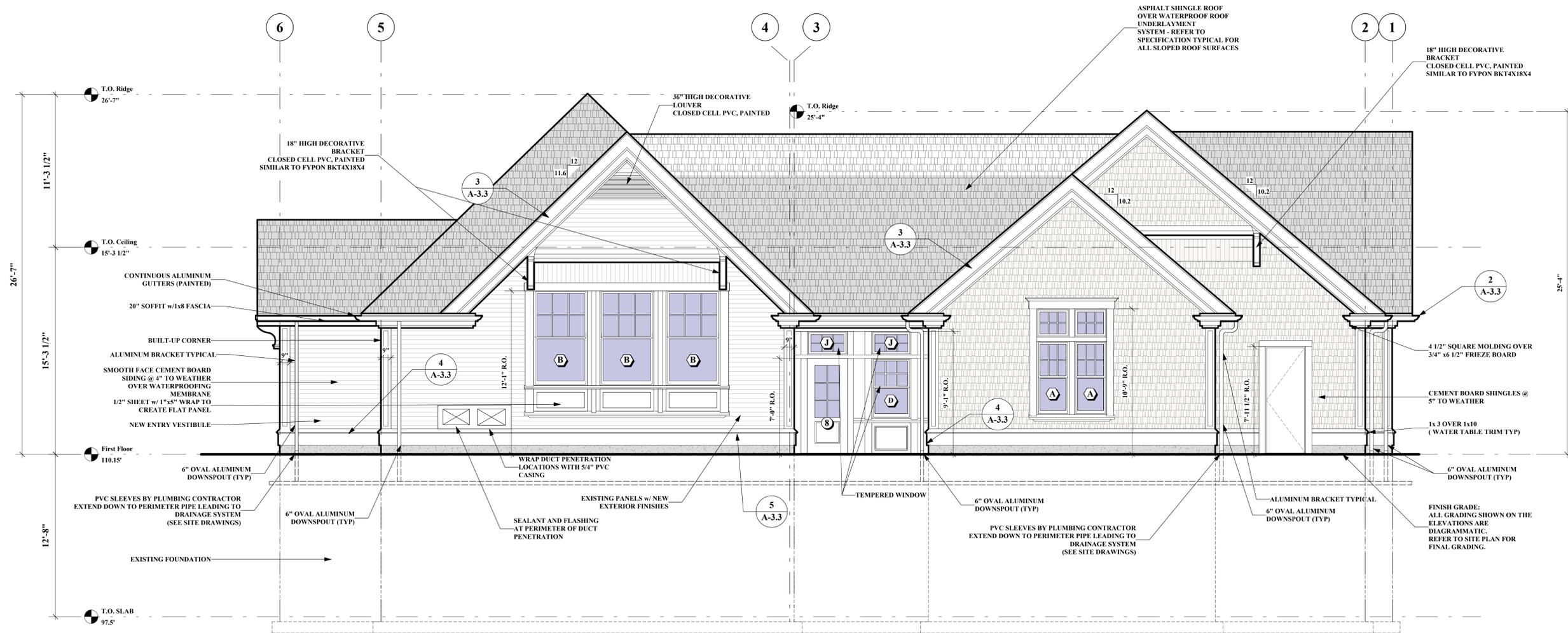
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Proposed Right
(North)
Side Elevation

JOB NO		A-2.4
DATE	6.10.2020	
DWG BY	RJM	
CKD BY	MLM	
SCALE	1/4" = 1'-0"	

GENERAL NOTE:

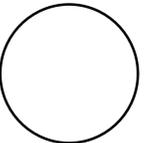
ALL TRIM (INCLUDING WATER TABLES, SILLS, CORNER BOARDS, RAKES, FASCIAS, SOFFITS, DECORATIVE BRACKETS, RAILINGS, POSTS, COLUMNS, RAIL AND STILE TRIM, CASINGS, HEADERS) TO BE CELLULAR PVC BOARD FURNISHED AND INSTALLED BY THE GC.
ALL TRIM IS TO BE PAINTED WHITE BY PAINTING CONTRACTOR (FILE SUB BID)
ALL SIDING IS TO BE PREFINISHED CEMENT BOARD SIDING. PAINTING CONTRACTOR IS TO TOUCH UP WITH COMPATIBLE PAINT IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS.



GENERAL NOTE:

REFER TO DRAWINGS A-2.5 AND A-2.6 FOR PANELIZATION INFORMATION

1 Proposed North (Right) Elevation
A-2.4 1/4" = 1'-0"

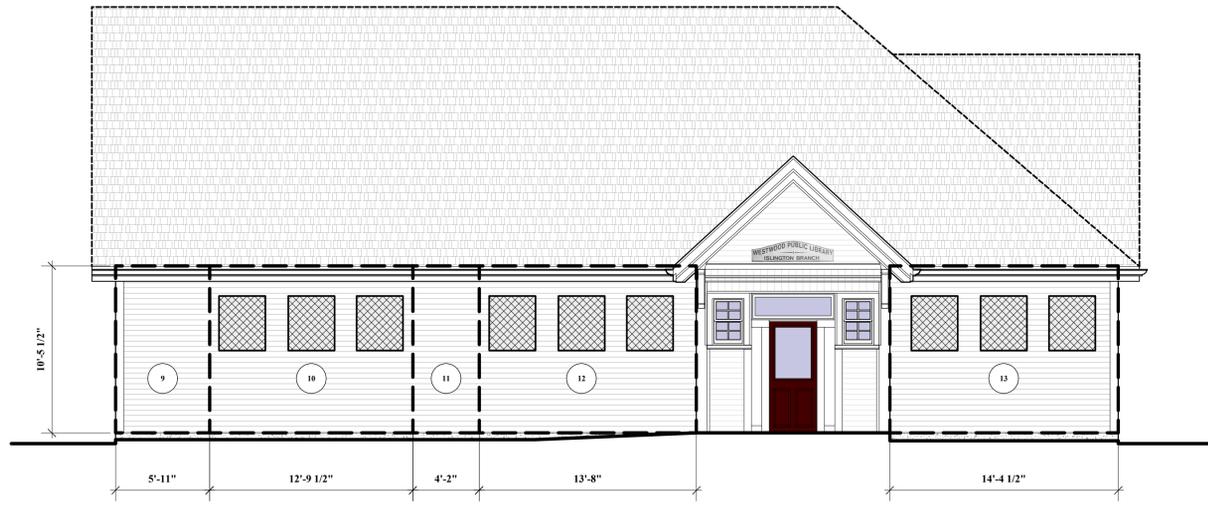


REV #	DATE	ISSUANCE

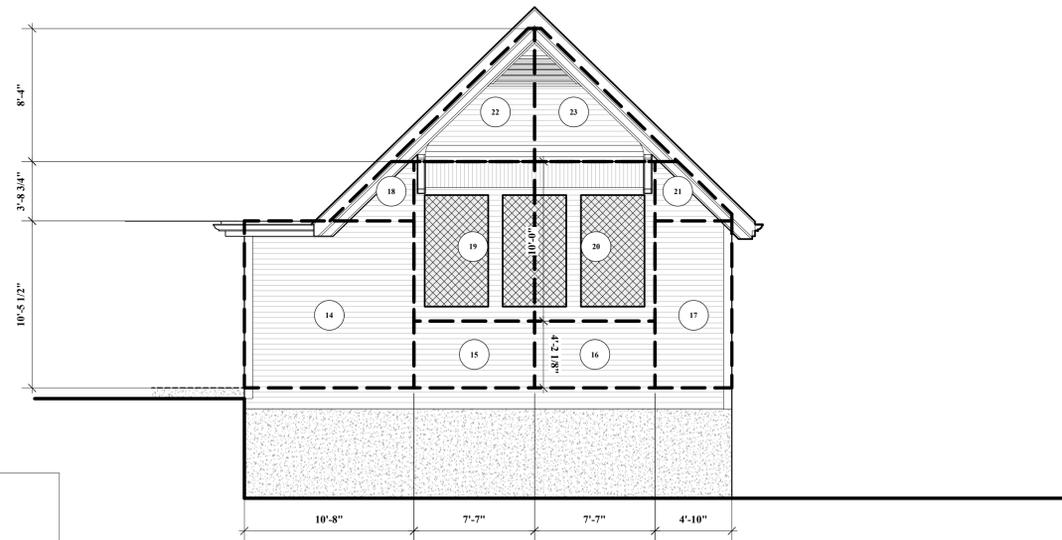
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Existing Wentworth Hall Panelization

JOB NO	A-2.5
DATE 6.10.2020	
DWG BY RJM	
CKD BY MLM	
SCALE AS NOTED	

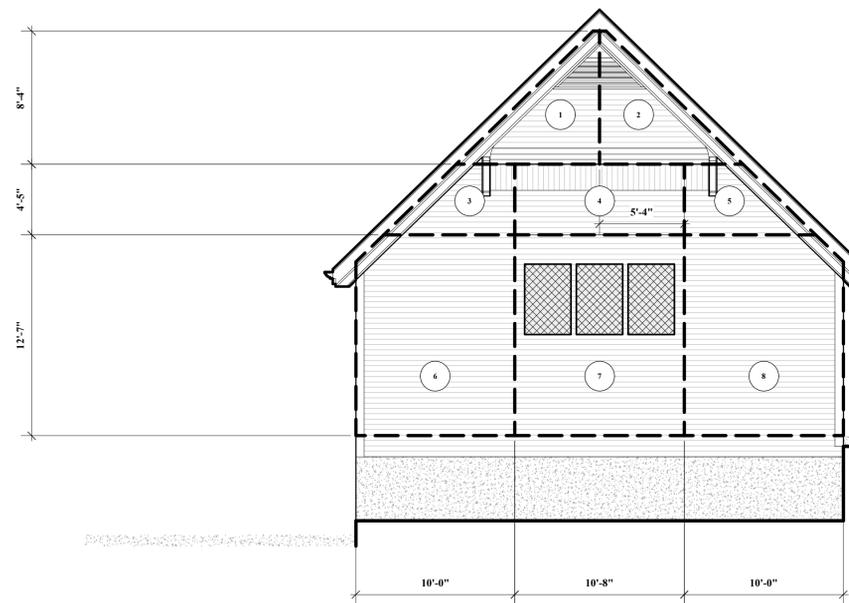
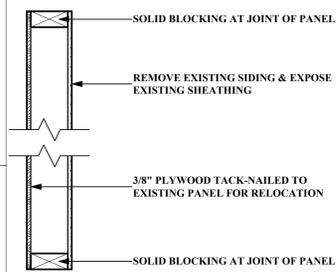


1 Front Elevation Panelization
3/16" = 1'-0"



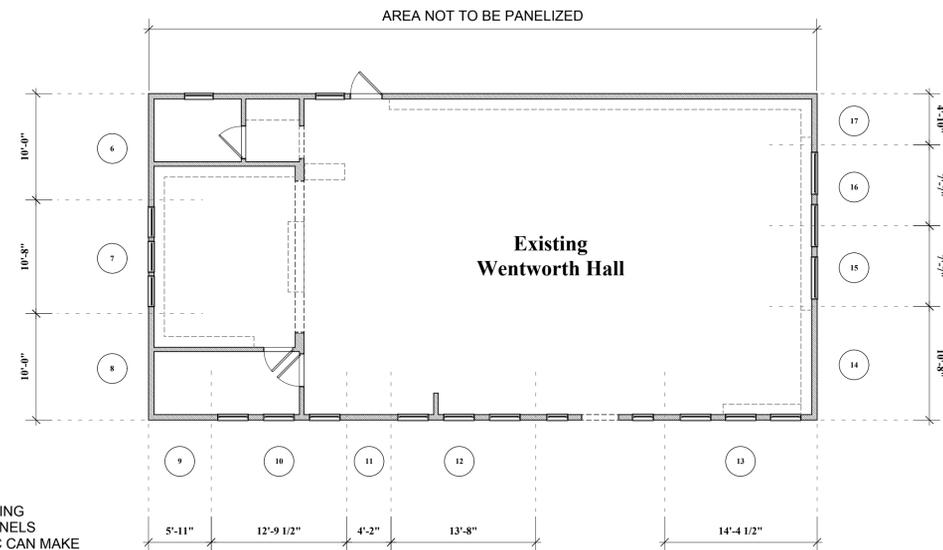
2 Right Elevation Panelization
3/16" = 1'-0"

WALL PANELIZATION DETAIL
1-1/2" = 1'-0"



3 Left Elevation Panelization
3/16" = 1'-0"

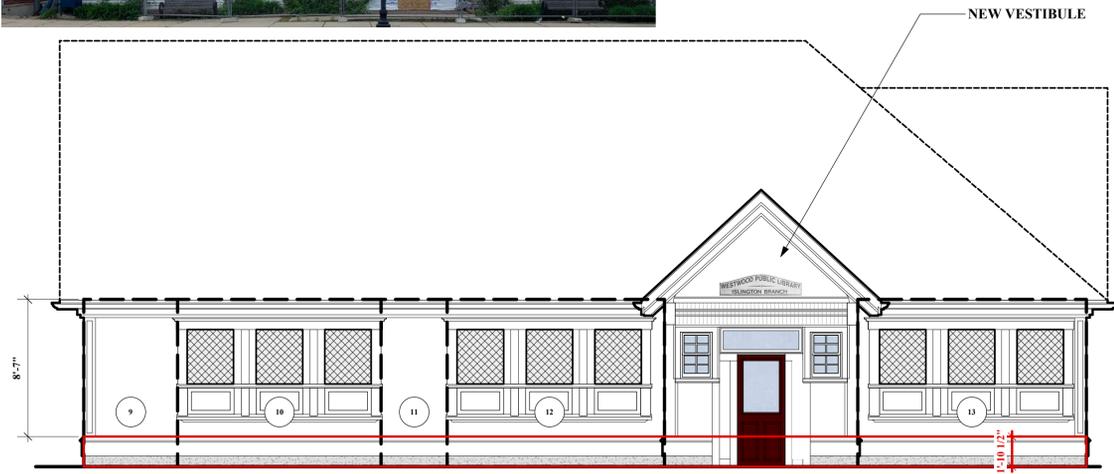
GENERAL NOTES:
SCOPE OF PANELIZATION IS TO RELOCATE PORTIONS OF EXISTING WENTWORTH HALL FOR REUSE OF HISTORIC CONTEXT. THE PANELS SHOWN ARE APPROXIMATE LOCATIONS OF PANEL SIZE. THE GC CAN MAKE A DETERMINATION TO MOVE PANELS IN SMALLER OR LARGER SIZES AS PART OF THERE WORK. FINAL SIZES WILL BE THE GC'S RESPONSIBILITY. PANELS ARE TO BE LOCATED IN THE CORRESPONDING LOCATION AT THE NEW SITE ACROSS THE STREET FROM EXISTING WENTWORTH HALL. GC IS RESPONSIBLE FOR MOVING PANELS AND ALL FASTENERS, NAILING CUTTING, BRACING REQUIRED TO MOVE AND REINSTALL.



4 Panelization Key Plan
1/8" = 1'-0"



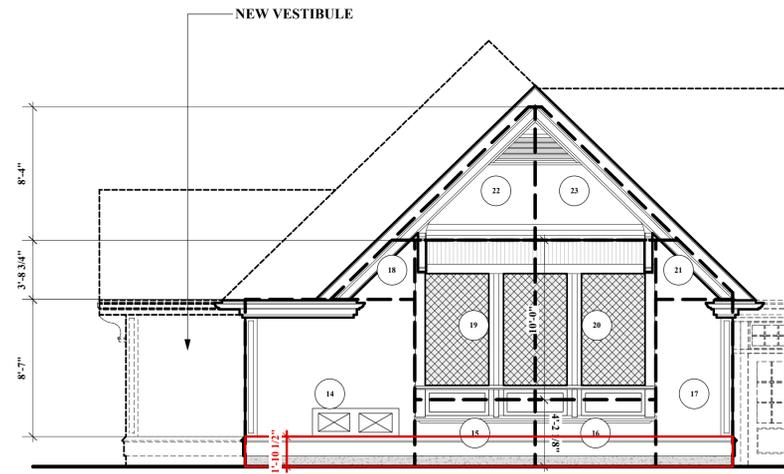
EXISTING NORTH PHOTOGRAPH



1 West Elevation Panelization
A-2.6 3/16" = 1'-0"



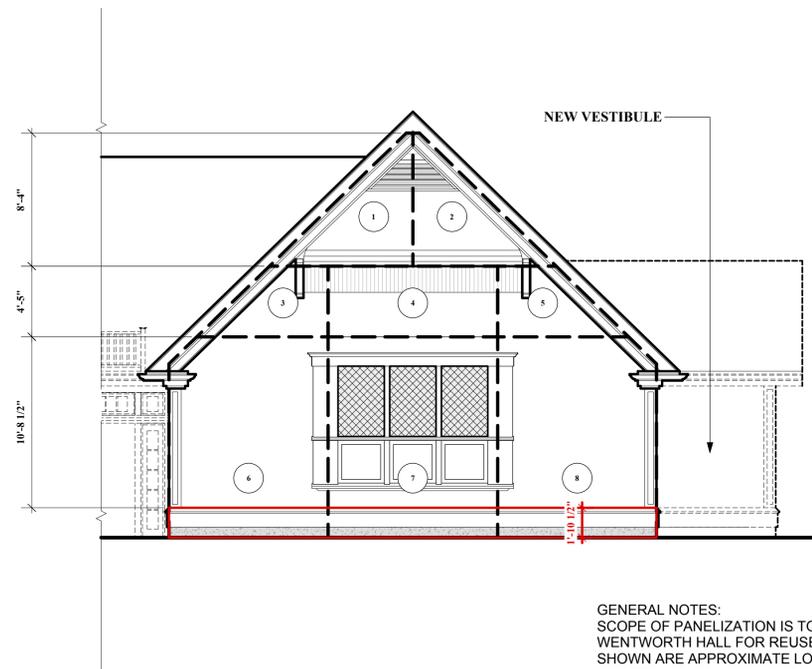
EXISTING SOUTH PHOTOGRAPH



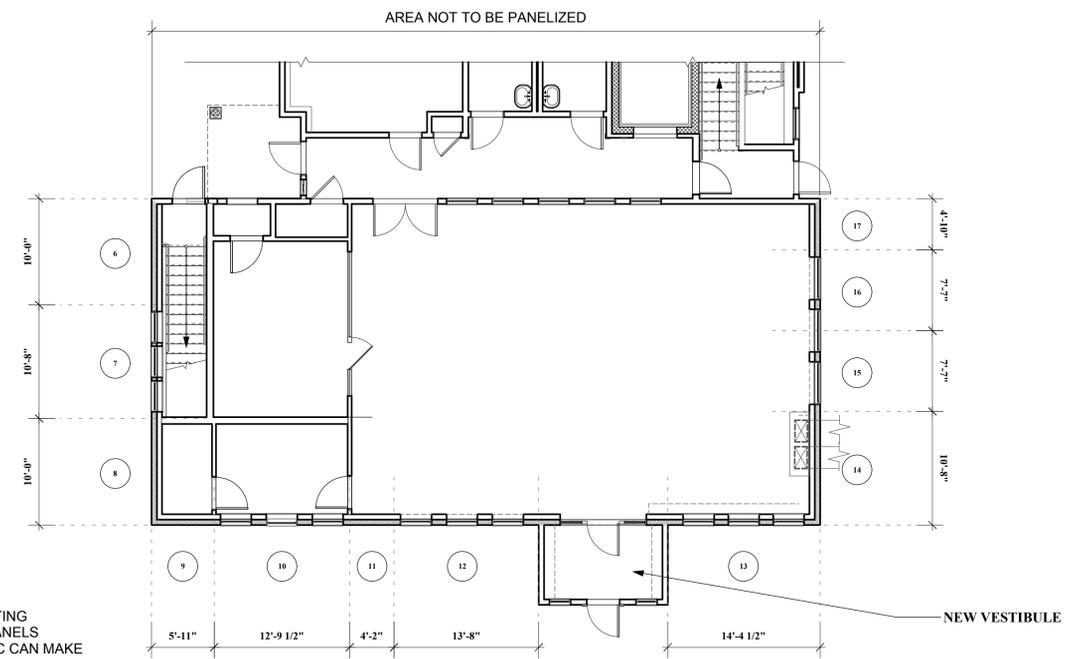
2 South Elevation Panelization
A-2.6 3/16" = 1'-0"



EXISTING NORTH PHOTOGRAPH



3 North Elevation Panelization
A-2.8 3/16" = 1'-0"



4 Panelization Key Plan
A-2.6 1/8" = 1'-0"

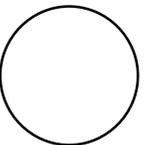
GENERAL NOTES:
SCOPE OF PANELIZATION IS TO RELOCATE PORTIONS OF EXISTING WENTWORTH HALL FOR REUSE OF HISTORIC CONTEXT. THE PANELS SHOWN ARE APPROXIMATE LOACTIONS OF PANEL SIZE. THE GC CAN MAKE A DETERMINATION TO MOVE PANELS IN SMALLER OR LARGER SIZES AS PART OF THERE WORK. FINAL SIZES WILL BE THE GC'S RESPONSIBILITY. PANELS ARE TO BE LOCATED IN THE CORRESPONDING LOCATION AT THE NEW SITE ACROSS THE STREET FROM EXISTING WENTWORTH HALL. GC IS RESPONSIBLE FOR MOVING PANELS AND ALL FASTENERS, NAILING CUTTING, BRACING REQUIRED TO MOVE AND REINSTALL.

New
Wentworth Hall
273
Washington Street
Westwood, MA

BID
#ECON-21-B-01

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35 Bryant Street
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Wentworth
Hall Panelization

JOB NO	A-2.6
DATE 6.10.2020	
DWG BY RJM	
CKD BY MLM	
SCALE AS NOTED	

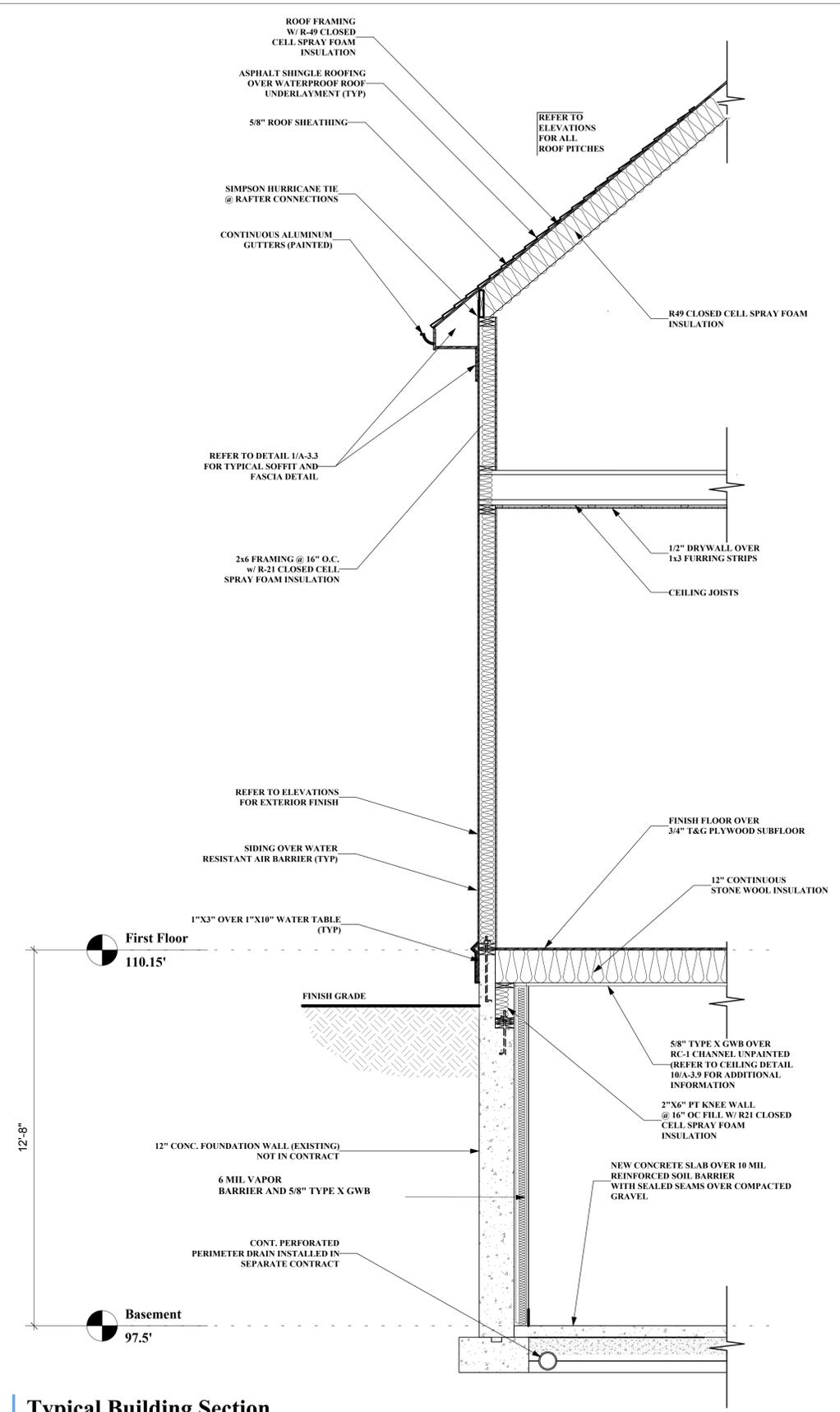
FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	REMARKS
				NORTH	EAST	SOUTH	WEST		
003									
004	COFFEE BAR	VCT	VINYL	GWB	GWB	GWB	GWB	ACT	
005	STAFF ROOM/ CLASSROOM	VCT	VINYL	GWB	GWB	GWB	GWB	ACT	
006	UNISEX BATHROOM	TILE	TILE	GWB	GWB	GWB	GWB	GWB	
007	UNISEX BATHROOM	TILE	TILE	GWB	GWB	GWB	GWB	GWB	
008	UNISEX BATHROOM	TILE	TILE	GWB	GWB	GWB	GWB	GWB	
009	FINISHED STORAGE	VCT	VINYL	GWB	GWB	GWB	GWB	ACT	
010	HALL	VCT	VINYL	GWB	GWB	GWB	GWB	ACT	
011	FINISHED STORAGE	VCT	VINYL	GWB	GWB	GWB	GWB	ACT	
									GWB

DOOR SCHEDULE

DOOR NO.	LOCATION / TYPE	SIZE	DOOR MATERIAL	DETAILS			REMARKS
				HEAD	JAMB	DETAILS A-3.1	
1	INTERIOR / (TYP)	3'-0"x7'-0"x 1-3/4" THICK	WOOD	METAL	METAL	1/A-3.1	"C" LABEL DOOR AND FRAME
2	INTERIOR / (TYP)	(2) 2'-6"x7'-0"x 1-3/4" THICK	WOOD	METAL	METAL	1/A-3.1	PAIR
3	INTERIOR / (TYP)	(2) 3'-0"x7'-0"x 1-3/4" THICK	WOOD	METAL	METAL	1/A-3.1	PAIR
4	INTERIOR / (TYP)	(2) 3'-0"x7'-11"x1-3/4" THICK	WOOD	METAL	METAL	1/A-3.1	PAIR
5	INTERIOR / (TYP)	3'-0"x7'-0"x 1-3/4" THICK	WOOD	METAL	METAL	1/A-3.1	"C" LABEL DOOR AND FRAME
6	EXTERIOR / LIBRARY	3'-0"x7'-0" X 2" THICK	ALUMINUM	ALUMINUM	ALUMINUM	4 & 5/A-3.1	ENTRY
7	EXTERIOR / ENTRY HALL	3'-0"x7'-0" w/1'-6" SIDE LITE x 2" THICK	ALUMINUM	ALUMINUM	ALUMINUM	4 & 5/A-3.1	ENTRY
8	EXTERIOR / STAIR #1	3'-0"x7'-0"x 1-3/4" THICK	METAL	METAL	METAL	1 & 4/A-3.1	ENTRY
9	EXTERIOR / STAIR #2	3'-0"x7'-11"	METAL	METAL	METAL	1 & 4/A-3.1	ENTRY
10	INTERIOR / LIBRARY	3'-0"x7'-11" w/2'-0" SIDE LITES	ALUMINUM	ALUMINUM	ALUMINUM	5/A-3.1	ENTRY
11	ELEVATOR MACHINE ROOM	3'-0"x7'-0"x 1-3/4" THICK	METAL	METAL	METAL	1/A-3.1	"B" LABEL DOOR AND FRAME

NOTE:
SHOP DRAWINGS OF DOORS ARE TO BE PROVIDED PRIOR TO ORDERING.



1 Typical Building Section
A-3.2 NOT TO SCALE

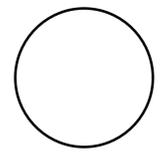
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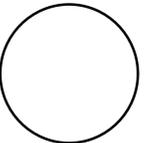
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Schedules & Typ.
Building Section

JOB NO.	
DATE	6.10.2020
DWG BY	RJM
CKD BY	MLM
SCALE	AS NOTED

A-3.2
ALT

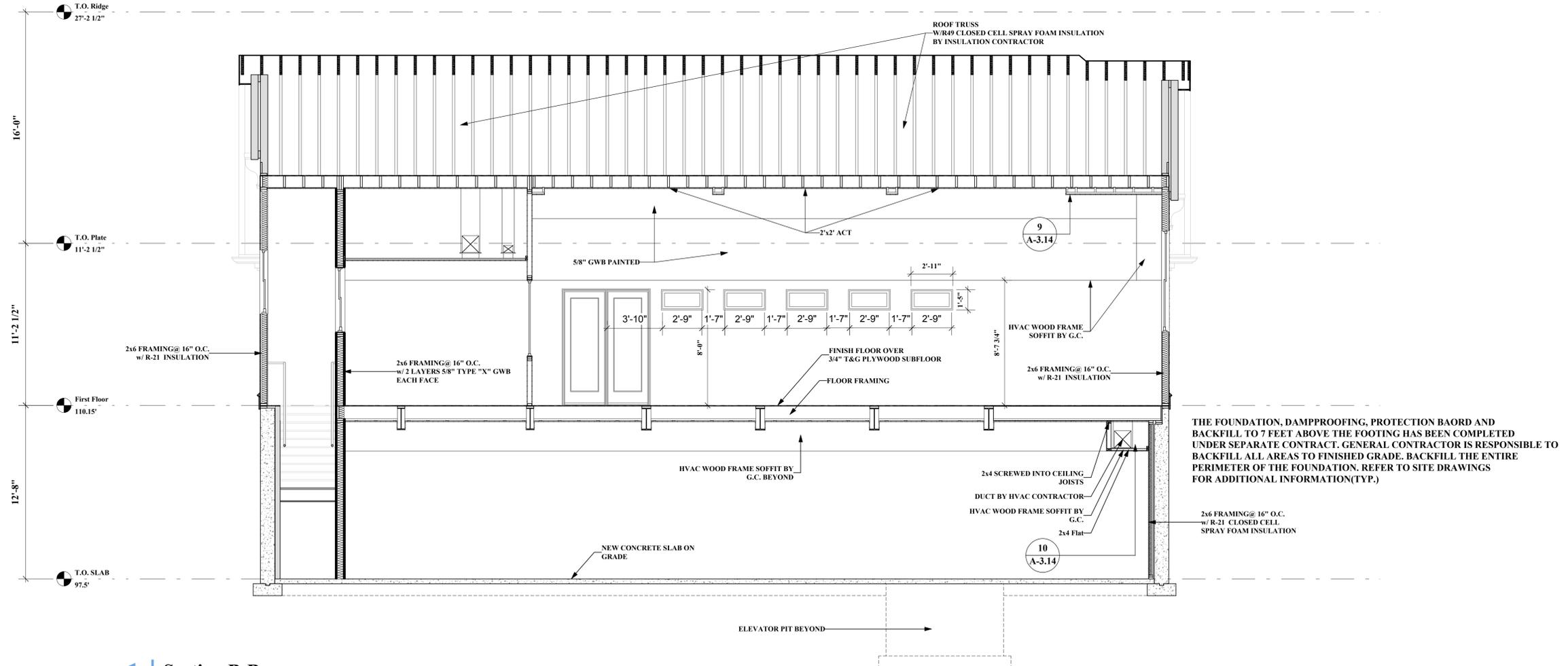


REV #	DATE	ISSUANCE

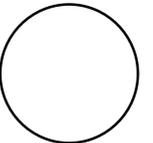
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Section B-B

JOB NO	A-3.5	
DATE		6.10.2020
DWG BY		RJM
CKD BY		MLM
SCALE	1/4" = 1'-0"	



1 Section B-B
A-3.5A 1/4" = 1'-0"



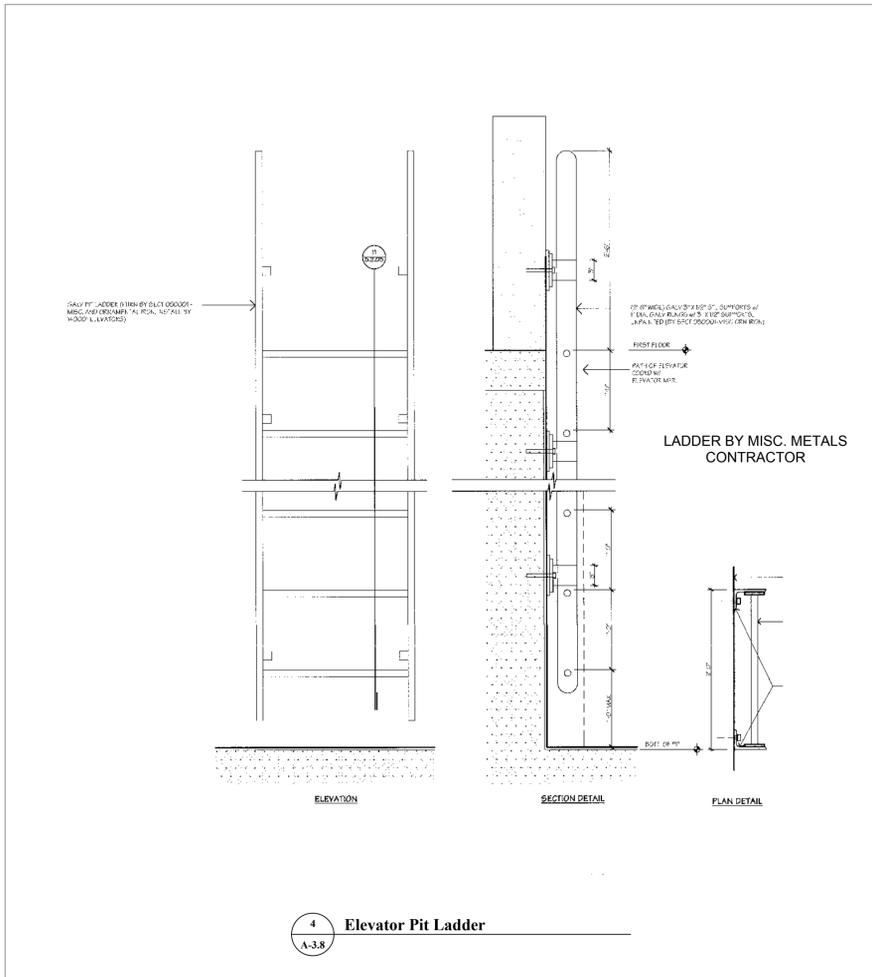
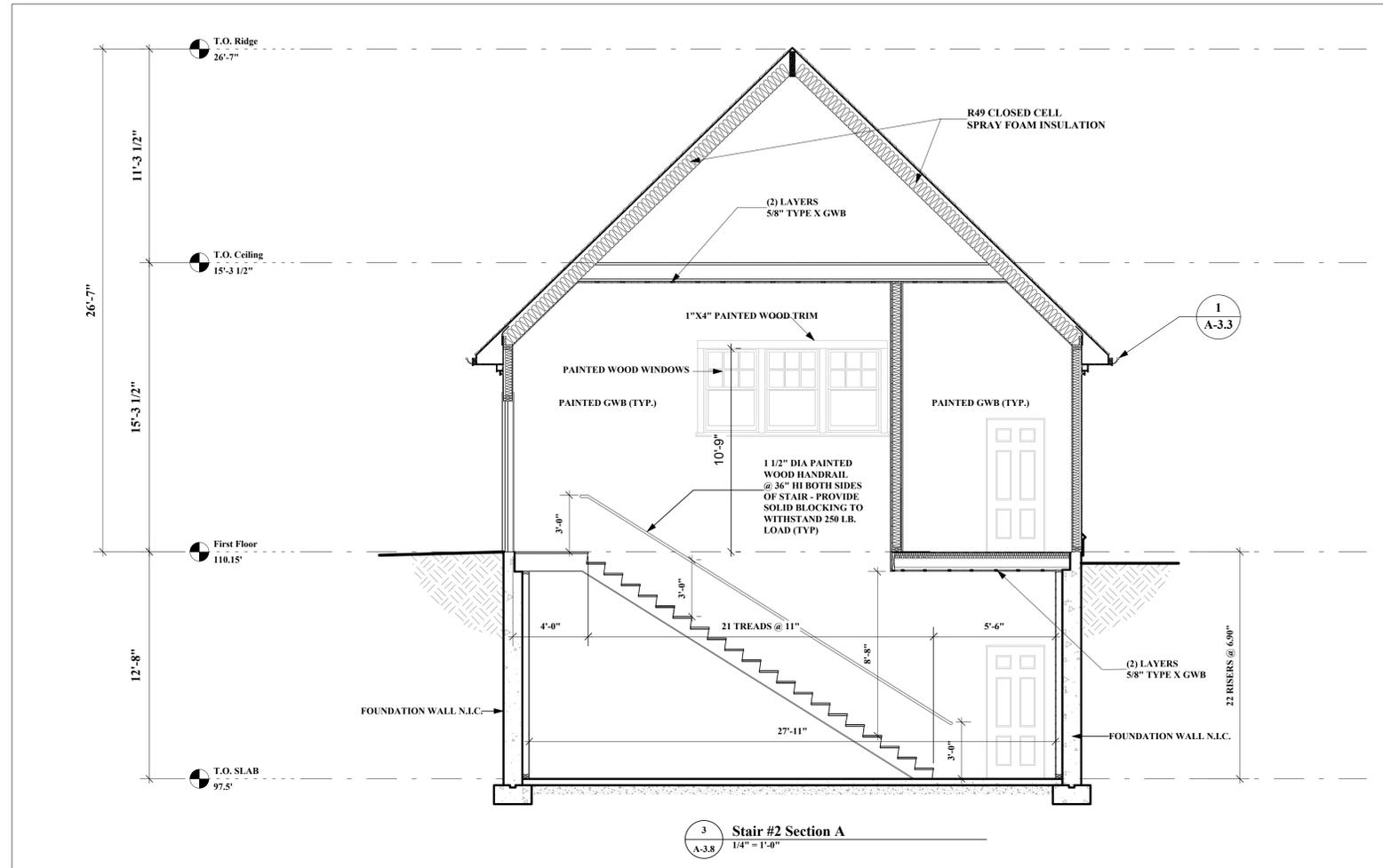
REV #	DATE	ISSUANCE

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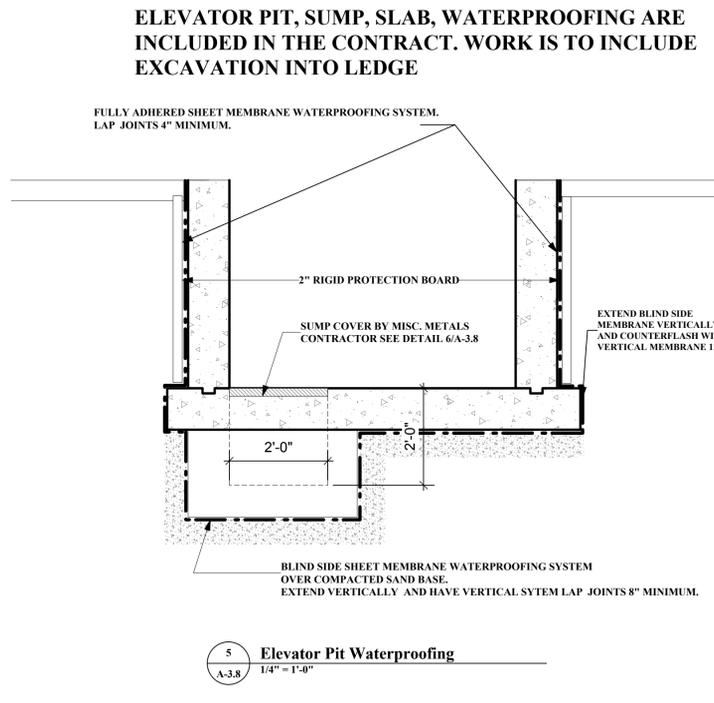
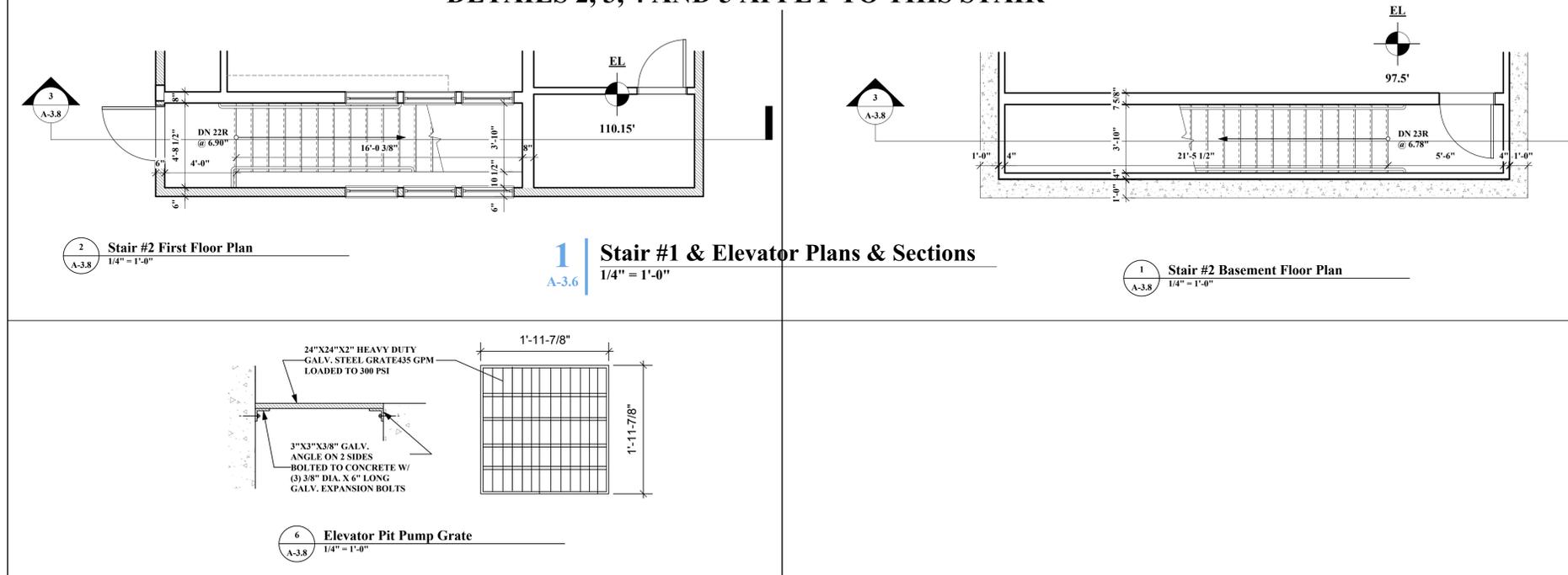
**Stair #2
Plans & Sections**

JOB NO	
DATE	6.10.2020
DWG BY	RJM
CKD BY	MLM
SCALE	1/4" = 1'-0"

A-3.8



**REFER TO SHEET A-3.7
FOR TYPICAL STAIR DETAILS
DETAILS 2, 3, 4 AND 5 APPLY TO THIS STAIR**



ELEVATOR PIT, SUMP, SLAB, WATERPROOFING ARE INCLUDED IN THE CONTRACT. WORK IS TO INCLUDE EXCAVATION INTO LEDGE

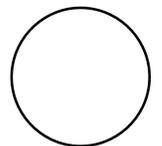
FULLY ADHERED SHEET MEMBRANE WATERPROOFING SYSTEM. LAP JOINTS 4" MINIMUM.

2" RIGID PROTECTION BOARD

SUMP COVER BY MISC. METALS CONTRACTOR SEE DETAIL 6/A-3.8

EXTEND BLIND SIDE MEMBRANE VERTICALLY AND COUNTERFLASH WITH VERTICAL MEMBRANE 12"

BLIND SIDE SHEET MEMBRANE WATERPROOFING SYSTEM OVER COMPACTED SAND BASE. EXTEND VERTICALLY AND HAVE VERTICAL SYSTEM LAP JOINTS 8" MINIMUM.



REV #	DATE	ISSUANCE
1	4.30.2020	REVISIONS

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Window Details

JOB NO

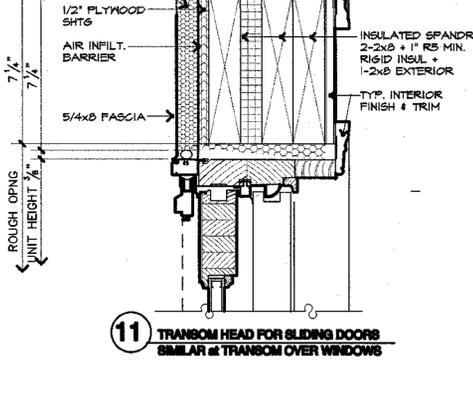
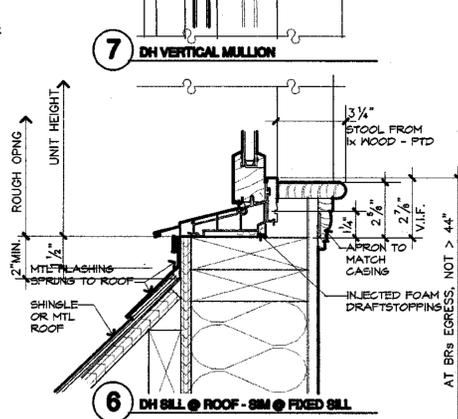
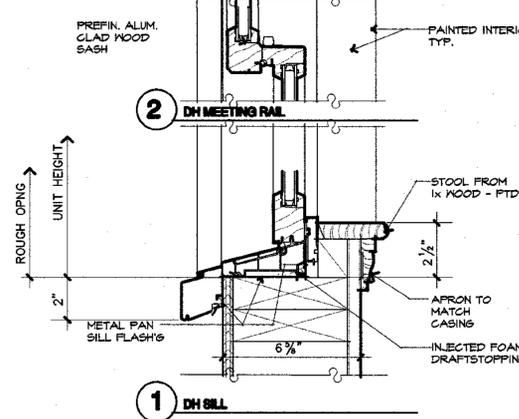
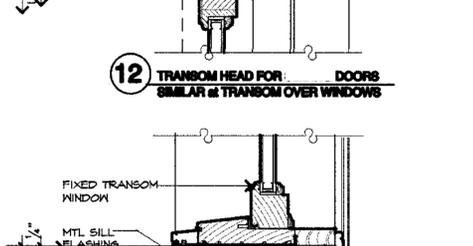
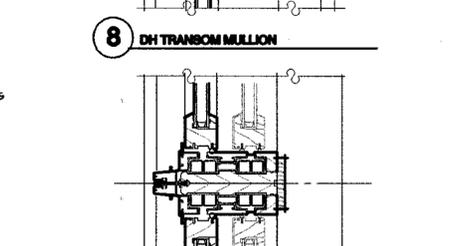
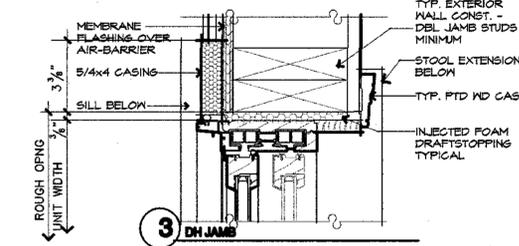
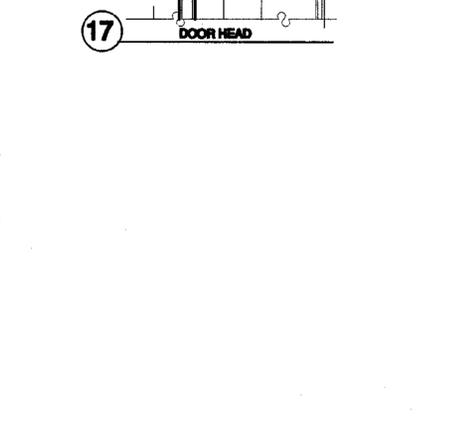
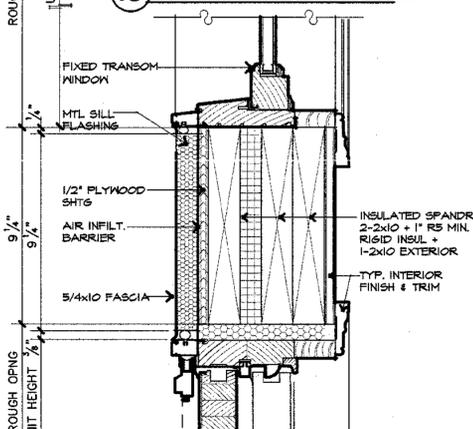
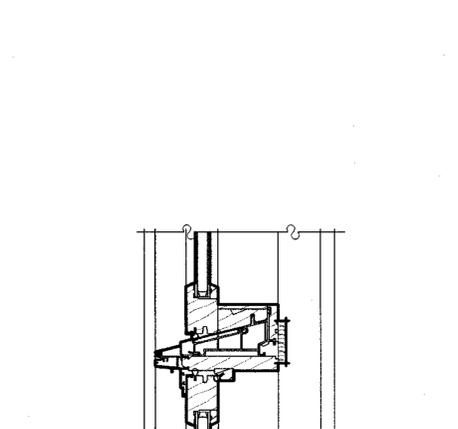
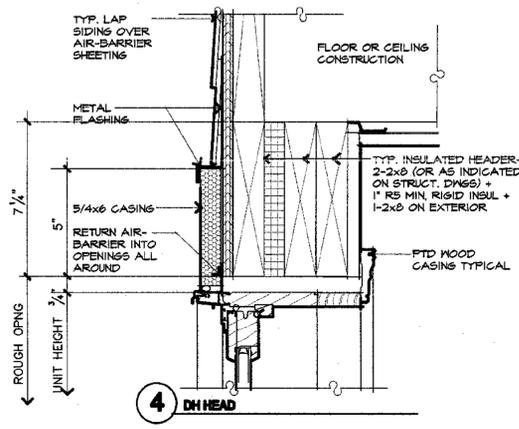
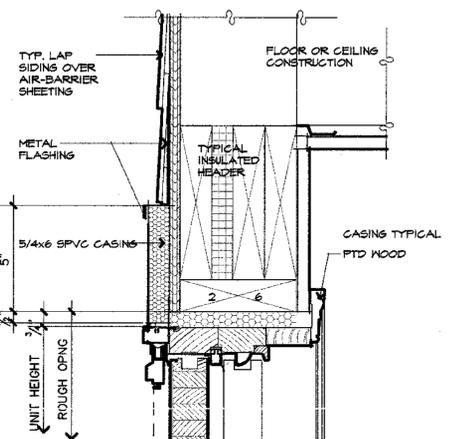
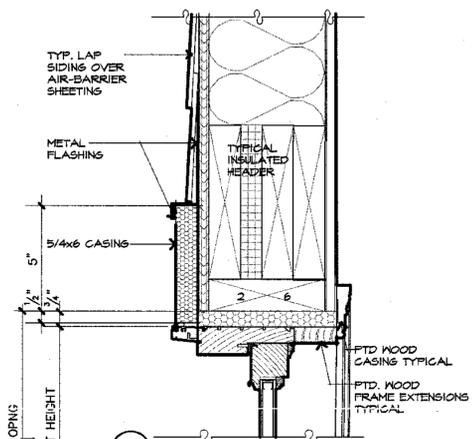
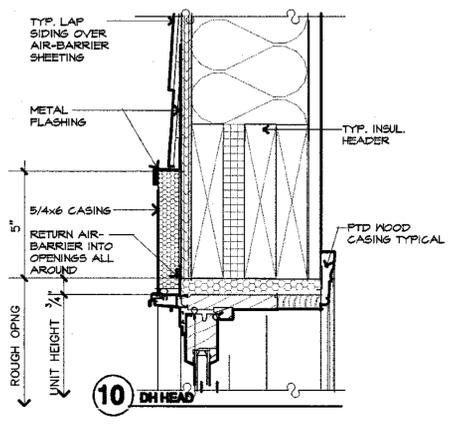
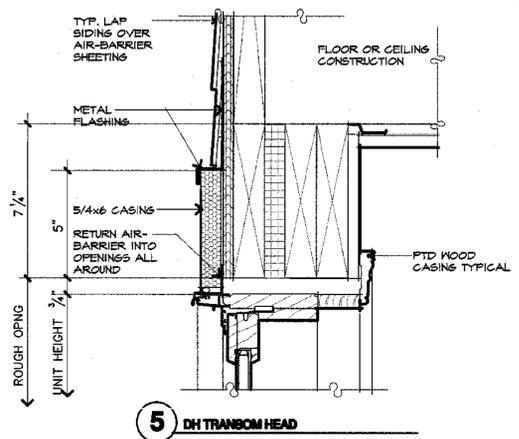
DATE 6.10.2020

DWG BY RJM

CKD BY MLM

SCALE

A-3.11

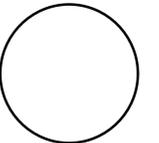


WINDOW DETAILS

DETAIL SCALE: 5" = 1'-0"

NOTES FOR DETAILS

1. VERIFY ROUGH OPENING DIMENSIONS WITH WINDOW AND DOOR MANUFACTURER.
2. PROVIDE INTERIOR WOOD JAMB AND HEAD EXTENSIONS AS INDICATED, FOR FULL DEPTH OF FINISHED WALLS. PRIME ALL SURFACES.
3. RETURN AIR BARRIER SHEETINGS INTO OPENINGS.
4. PROVIDE METAL OR COMPOSITION SILL FLASHING PANS, TURNED UP AT ENDS AND AT INSIDE OF WINDOW SILL.
5. INSTALL WINDOWS AND DOORS SQUARE, PLUMB AND TRUE IN OPENINGS.
6. SEAL WINDOW FRAMES OR NAILING FINS TO AIR BARRIER SHEETING WITH COMPATIBLE MEMBRANE FLASHING.
7. PROVIDE CONTINUOUS MOLDED SPVC EXTERIOR "HISTORIC" SILL AT ALL WINDOWS U.O.N.
8. CASINGS SHALL BE OF 1" THICK SPVC BOARD MATERIAL OF INDICATED NOMINAL DIMENSIONS.
9. COPE BACKS OF CASINGS AROUND FLASHING AND NAILING FINS TO LIE FLAT AGAINST WALL.
10. APPLY INJECTED FOAM DRAFTSTOPPING SEALING MATERIAL TO FULL PERIMETER OF WINDOWS AND DOORS AS INDICATED.
11. PROVIDE SOLID WOOD INTERIOR STOOL WITH FULL RADIUS NOSE AS INDICATED. PRIME ALL SURFACES BEFORE INSTALLING.
12. PROVIDE INTERIOR CASING AND APRON MOLDINGS AS SELECTED BY OWNER.



REV # | DATE | ISSUANCE

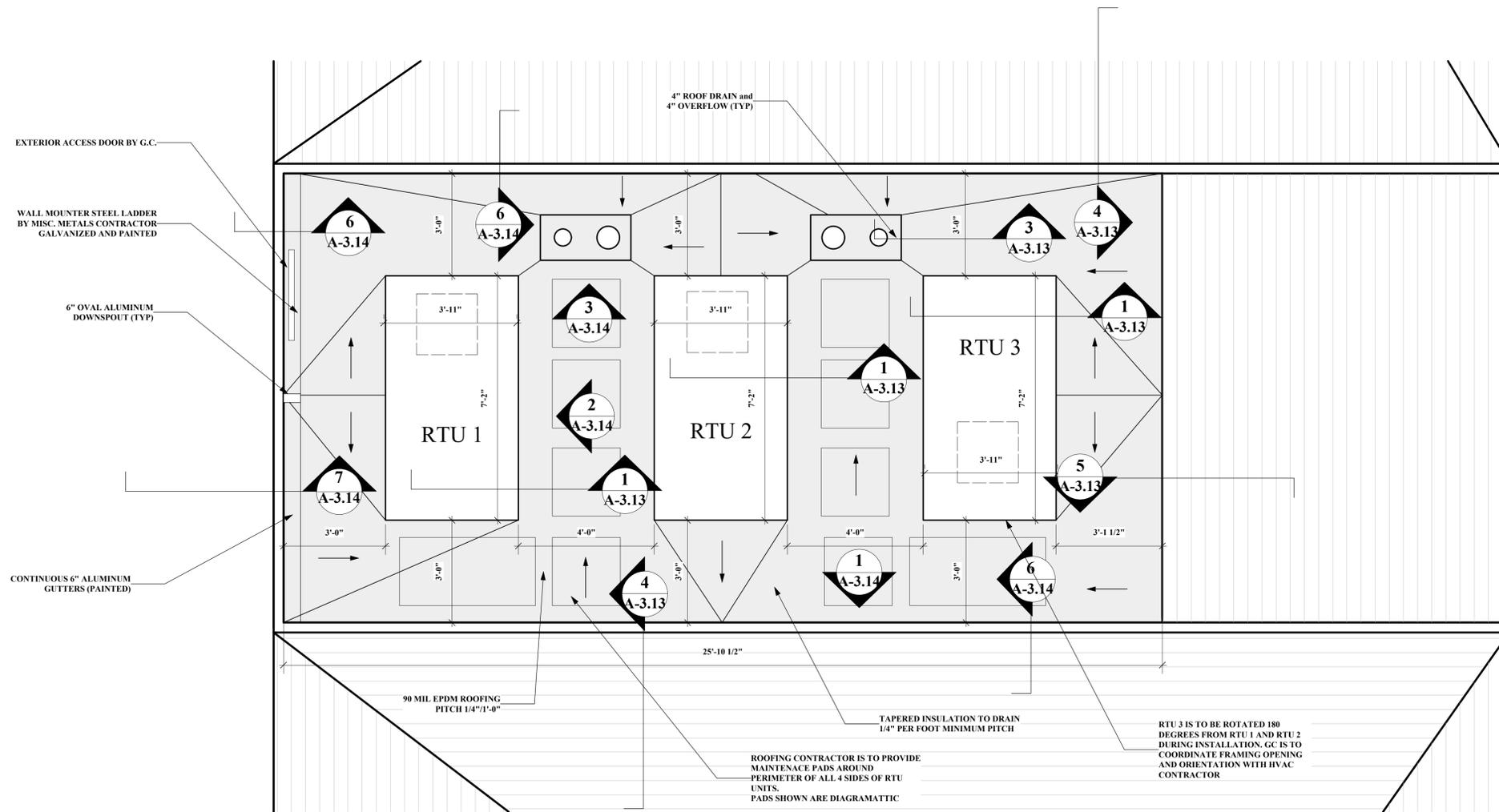
REV #	DATE	ISSUANCE

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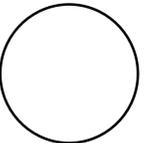
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Roof Enlargement
Plan

JOB NO	A-3.12
DATE	
DWG BY	
CKD BY	
SCALE	



1 Proposed Roof Enlargement Plan
A-3.12 | 1/2" = 1'-0"

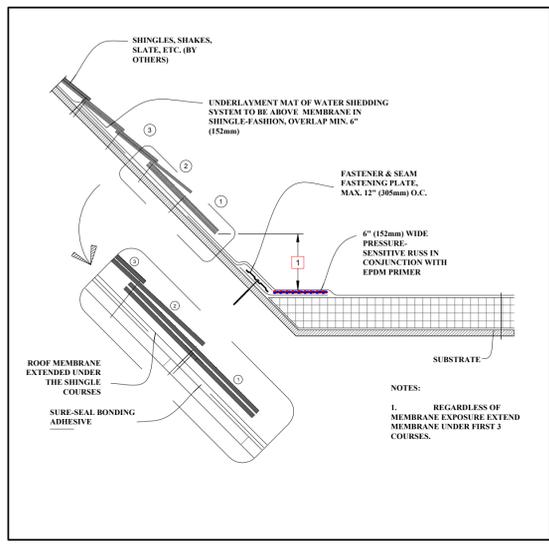
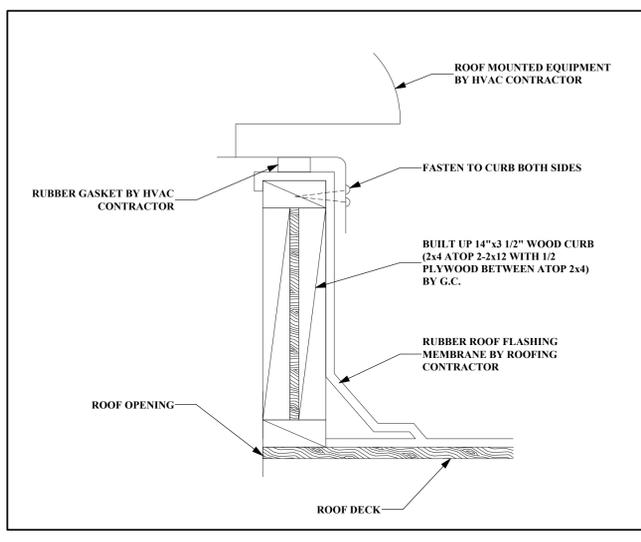
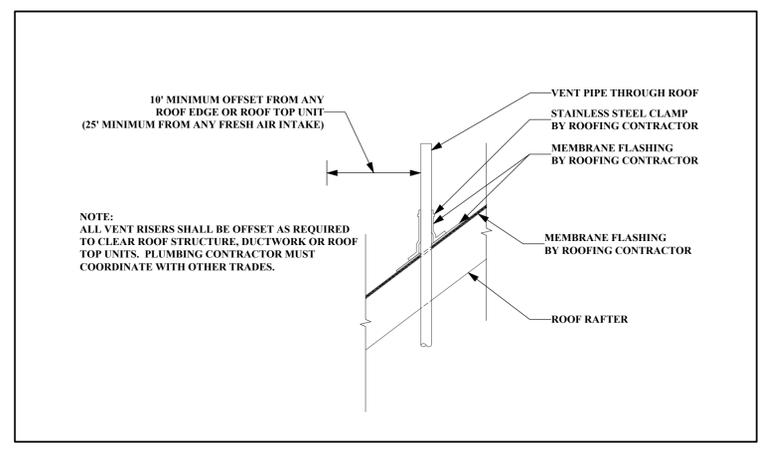
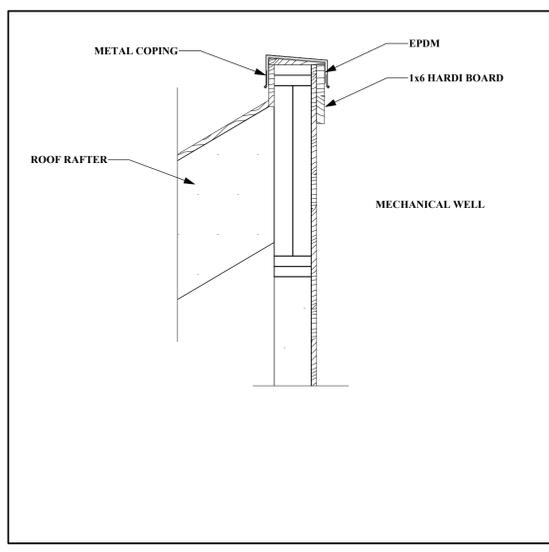
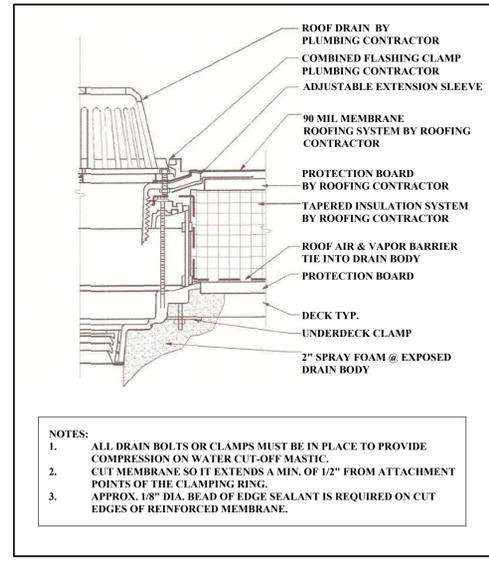
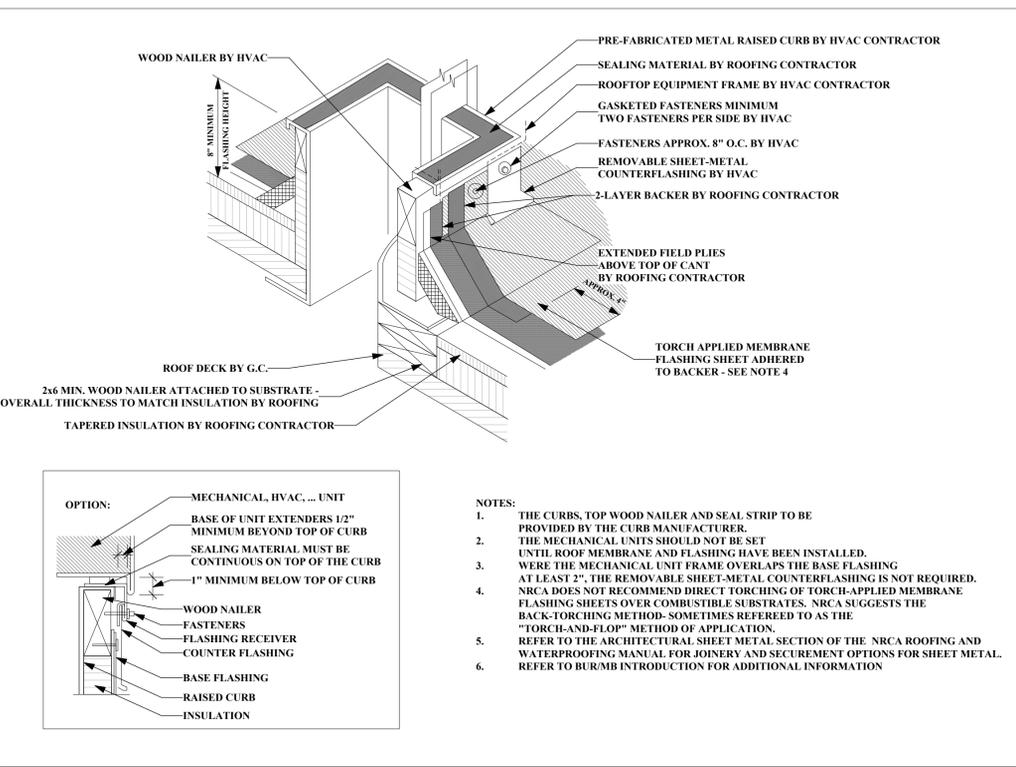


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Roofing Details

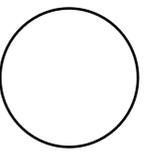
JOB NO	A-3.13
DATE	
DWG BY	
CKD BY	
SCALE	



2 Typical Vent Piping Roof Penetration
A-3.13 N.T.S.

6 Typical Built Up Roof Curb
A-3.13 N.T.S.

5 Typical Sloped Roof to Flat Roof Transition
A-3.13 N.T.S.



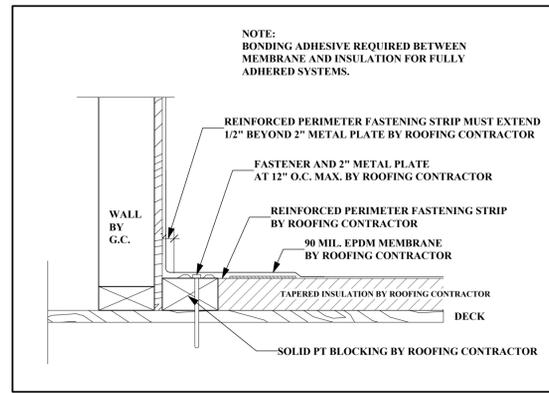
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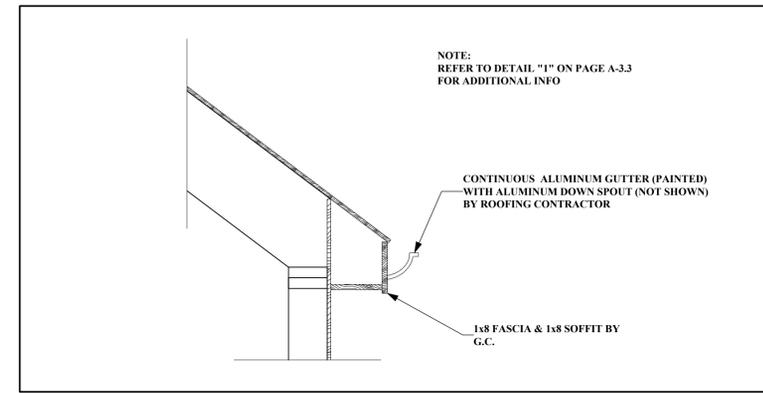
Roofing & Soffit Details

JOB NO	
DATE	6.10.2020
DWG BY	RJM
CKD BY	MLM
SCALE	

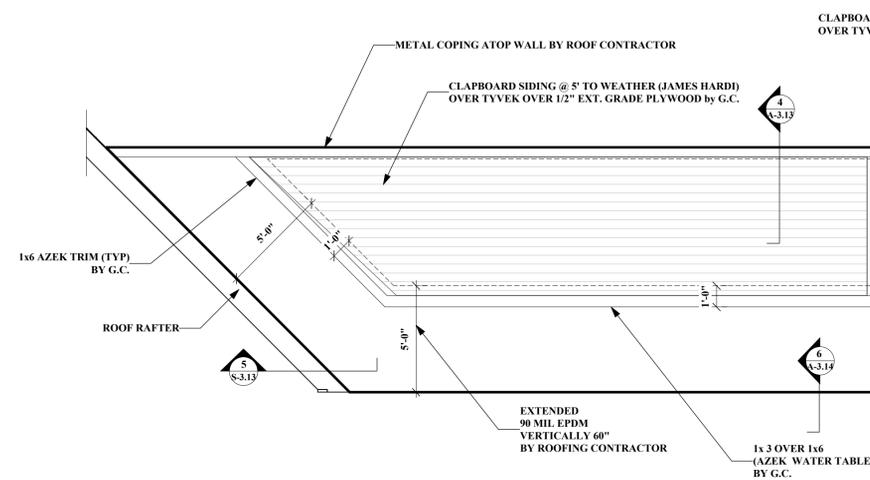
A-3.14



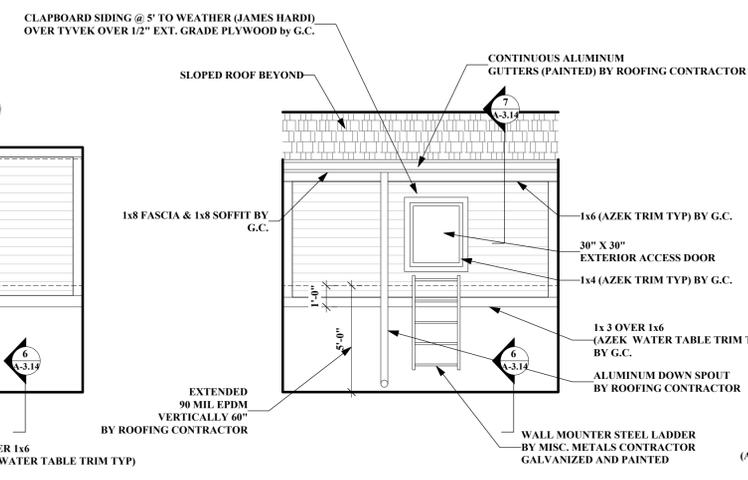
6 Wall to Floor EPDM Transition
A-3.14 N.T.S.



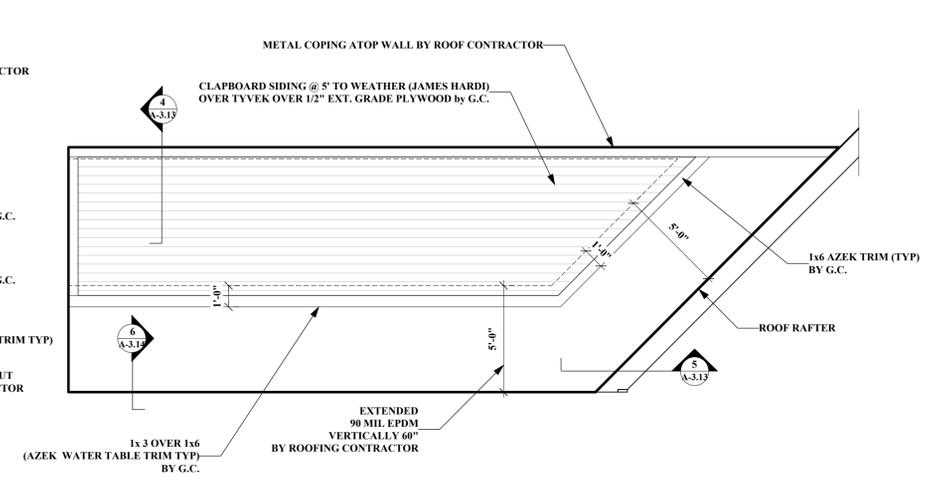
7 Soffit and Fascia Detail
A-3.14 N.T.S.



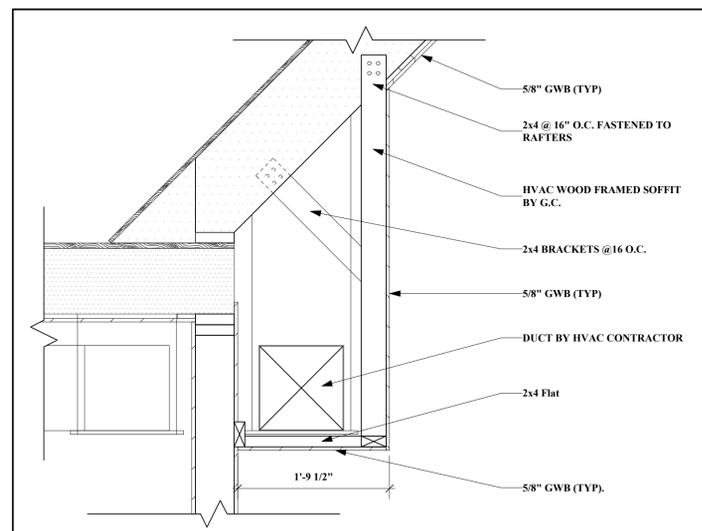
1 Mechanical Well Wall Elevation
A-3.14 N.T.S.



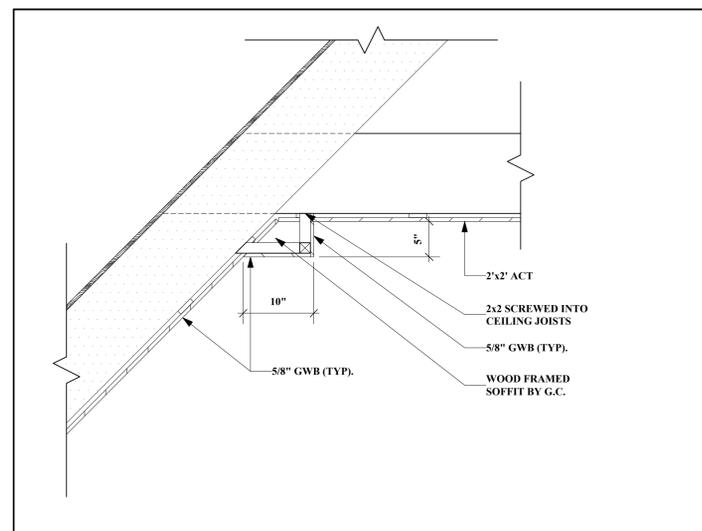
2 Mechanical Well Wall Elevation
A-3.14 N.T.S.



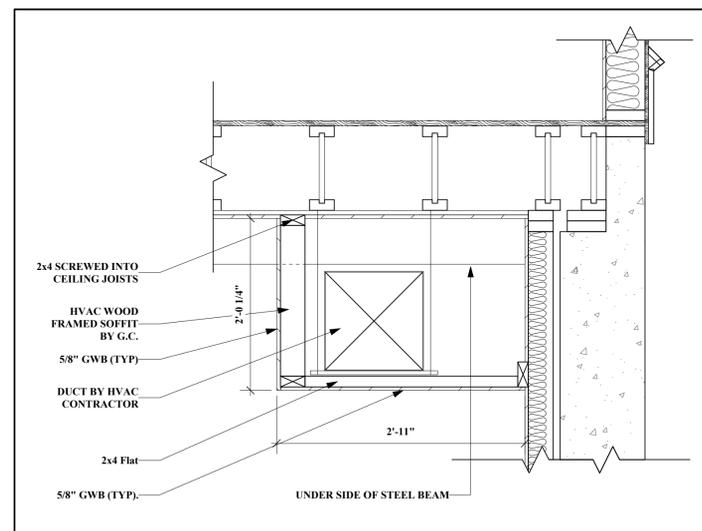
3 Mechanical Well Wall Elevation
A-3.14 N.T.S.



8 Library HVAC Soffit Detail
A-3.14 1" = 1'-0"



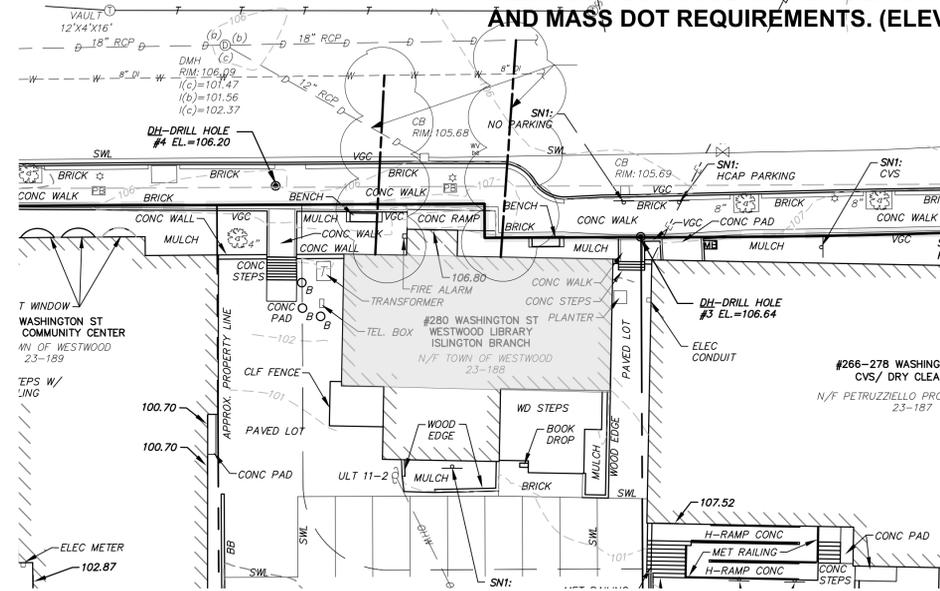
9 Soffit Detail
A-3.14 1" = 1'-0"



10 BASEMENT HVAC Soffit Detail
A-3.14 1" = 1'-0"

WASHINGTON STREET

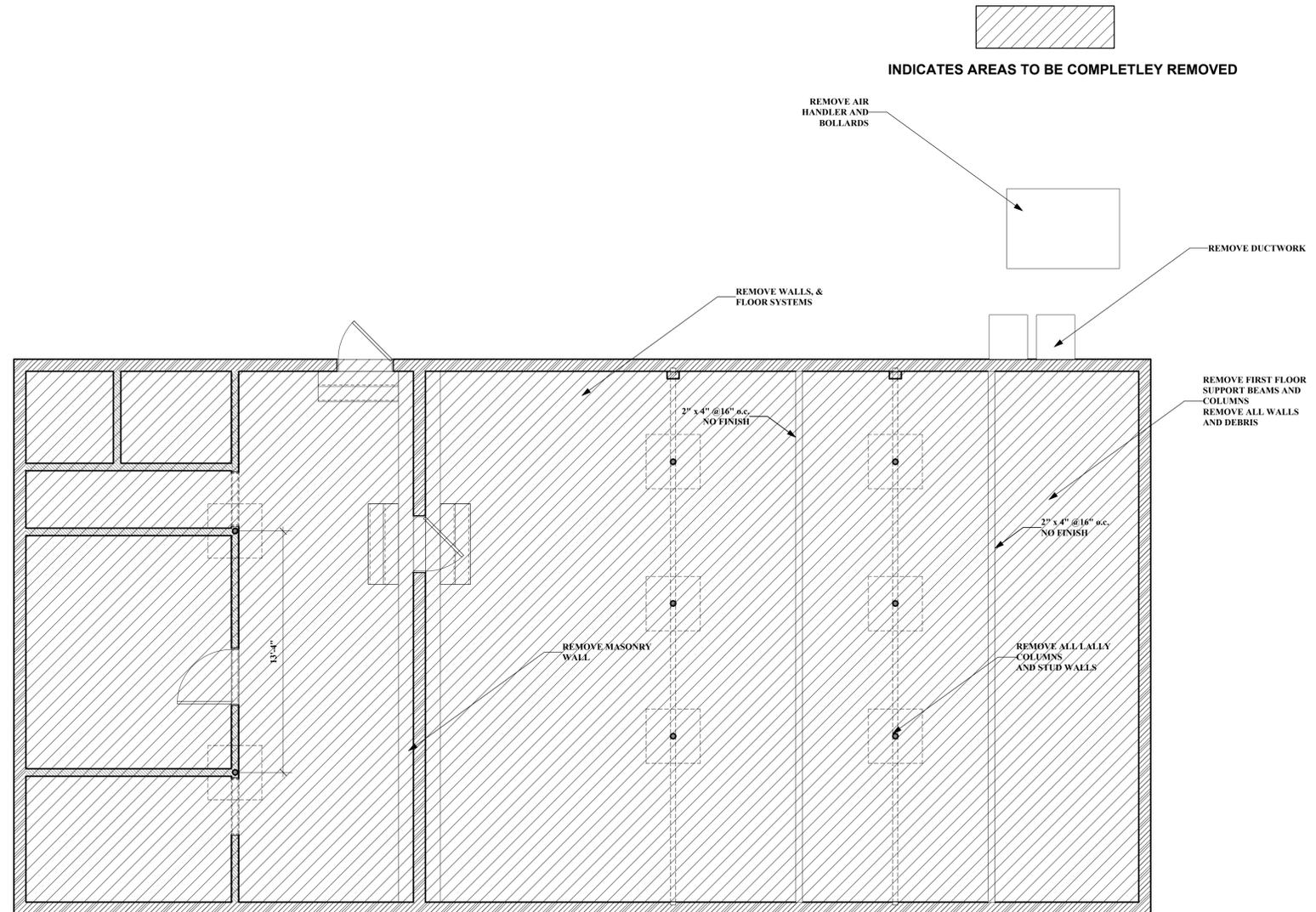
REMOVE EXISTING DRAIN LINE AND WATER TO THE MAIN SOURCE AND CAP IN ACCORDANCE WITH DEPT. OF PUBLIC WORKS AND MASS DOT REQUIREMENTS. (ELEVATION 94')



2 | **SITE PLAN INDICATING UTILITY REMOVAL**
D-1.1 | 1/4" = 1'-0"

ALL DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SHOWN FOR GENERAL SCOPE ONLY. THE COMPLETE REMOVAL OF INDICATED LOCATIONS IS TO BE INCLUDED.

SHADED AREA INDICATE COMPLETE REMOVAL.



WASHINGTON STREET

1 | **Existing Basement Floor Plan**
D-1.1 | 1/4" = 1'-0"

THIS PLAN IS THE EXISTING WENTWORTH HALL LOCATED AT 280 WASHINGTON STREET
WORK IS TO INCLUDE THE DEMOLITION AS SHOWN
APPROXIMATE AREA OF BASEMENT TO BE REMOVED IS 2447 SF

REFER TO DRAWINGS A-2.5 FOR INFORMATION ON PANELIZATION WHICH IS PART OF THE DEMOLITION SCOPE OF WORK

New
Wentworth Hall
273
Washington Street
Westwood, MA

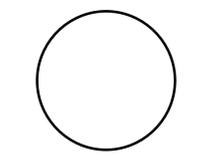
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KEY:

- Demolish -
- To be Relocated -



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Existing
Wentworth Hall
Basement Floor
Demo Plan

JOB NO	
DATE	6.10.2020
DWG BY	RJM
CKD BY	MLM
SCALE	1/4" = 1'-0"

D-1.1

**New
Wentworth Hall**

**273
Washington Street
Westwood, MA**

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Existing West Photograph

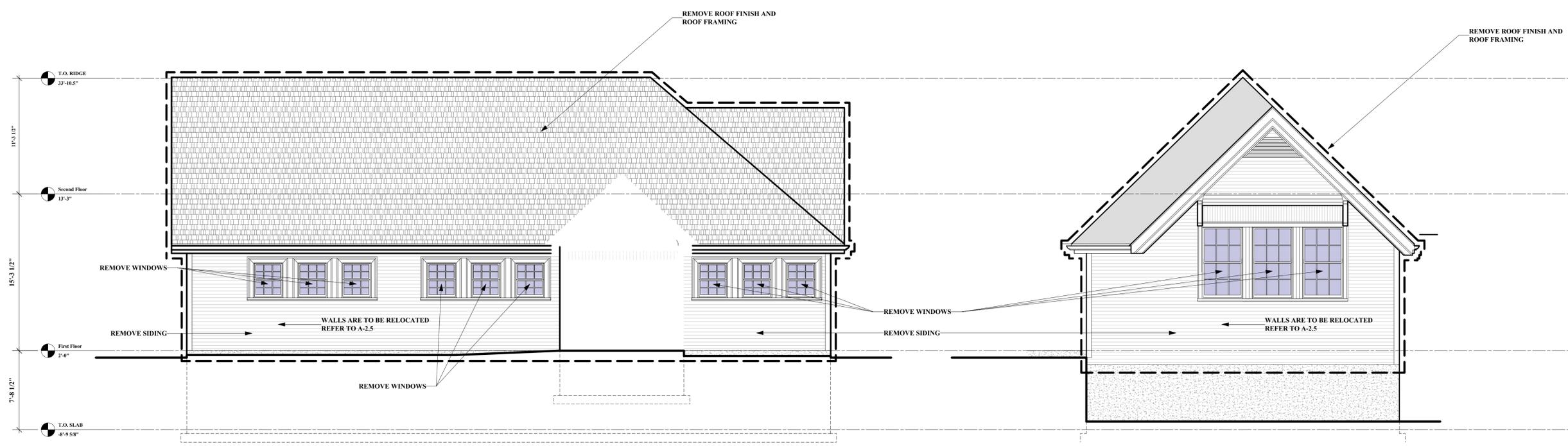


Existing North Photograph

REMOVE TRANSFORMER



INDICATES AREAS TO BE COMPLETELY REMOVED



1 Existing West Elevation
D-2.1 1/4" = 1'-0"

2 Existing South Side Elevation
D-2.1 1/4" = 1'-0"

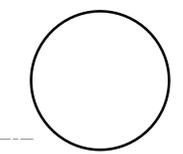
ALL DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SHOWN FOR GENERAL SCOPE ONLY. THE COMPLETE REMOVAL OF INDICATED LOCATIONS IS TO BE INCLUDED.

SHADED AREA INDICATE COMPLETE REMOVAL.

THE ELEVATIONS SHOWN ARE THE EXISTING WENTWORTH HALL LOCATED AT 280 WASHINGTON STREET
WORK IS TO INCLUDE THE DEMOLITION AS SHOWN
APPROXIMATE AREA OF BASEMENT TO BE REMOVED IS 2447 SF

KEY:

- Demolish -
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**Elevation
Demo Plans**

JOB NO	
DATE	6.10.2020
DWG BY	RJM
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SCALE	

D-2.1

3/16" = 1'-0"

**New
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Foundation Plan

JOB NO
18197.00
DATE
DWG BY DAD
CKD BY BRG
SCALE
AS NOTED

S-1.1

COLUMN FOOTING SCHEDULE		
MARK	Fp = 6 KSF	
	SIZE	REINFORCING
F3.0	3'-0" x 3'-0" x 12" DP.	(4)-#6 BOTTOM EACH WAY
F3.5	3'-6" x 3'-6" x 15" DP.	(5)-#6 BOTTOM EACH WAY
F4.0	4'-0" x 4'-0" x 18" DP.	(5)-#6 BOTTOM EACH WAY
F4.5	4'-6" x 4'-6" x 18" DP.	(5)-#6 BOTTOM EACH WAY
F5.0	5'-0" x 5'-0" x 18" DP.	(5)-#6 BOTTOM EACH WAY
F5.5	5'-6" x 5'-6" x 18" DP.	(6)-#6 BOTTOM EACH WAY
F6.0	6'-0" x 6'-0" x 20" DP.	(6)-#6 BOTTOM EACH WAY
F6.5	6'-6" x 6'-6" x 22" DP.	(8)-#6 BOTTOM EACH WAY
F7.0	7'-0" x 7'-0" x 24" DP.	(9)-#6 BOTTOM EACH WAY

CONTRACTOR IS TO FILL ALL 5 BLOCK OUT AREAS WITH (5) #5 REBAR DRILLED INTO EXISTING WALL AND FILL WITH CONCRETE AT FINAL COORDINATED ELEVATION

REFER TO DRAWINGS S-2.1 TO S-2.4 FOR ELEVATIONS

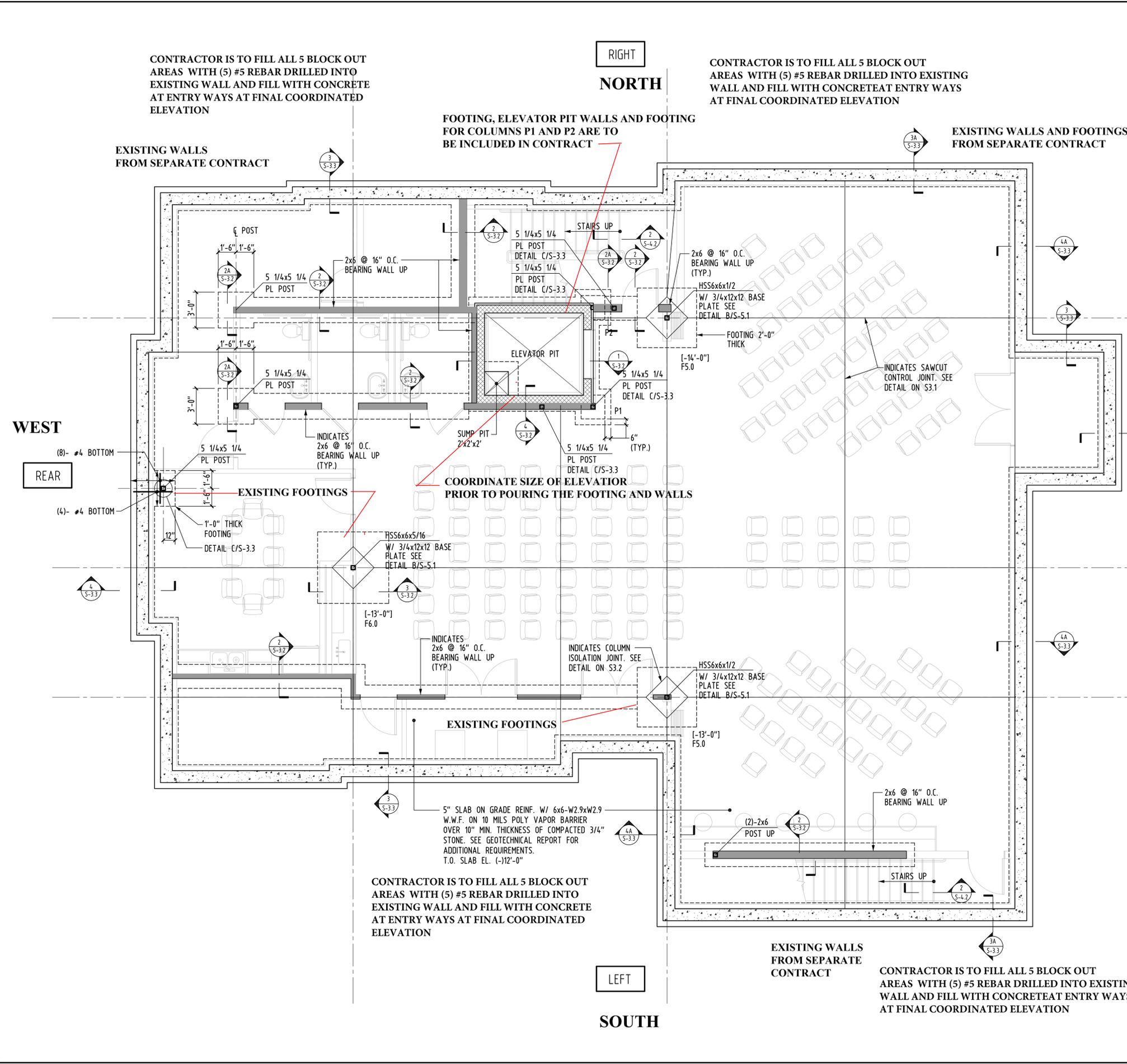
FRONT
EAST

FOUNDATION SHOWN IS EXISTING AND WAS CONTRACTED UNDER A SEPARATE RECENT CONTRACT WITH THE EXCEPTION OF THE AREAS NOTED AND AS FOLLOWS:
-SLAB ON GRADE AND ALL ASSOCIATED WORK
-ELEVATOR PIT, SUMP PIT, FOOTING, REINFORCING - FOOTING SHOWN
-FOUNDATION SECTIONS AND DETAILS ARE FOR REFERENCE AND TO TIE INTO OTHER WORK. THIS FOUNDATION IS NOT CONNECTED WITH THE FOUNDATION AT 280 WASHINGTON STREET.

FOUNDATION/BASEMENT PLAN
SCALE: 1/4"=1'-0"

- NOTES:
- REFER TO DRAWINGS S-0.1 TO S-0.3 FOR GENERAL NOTES.
 - REFER TO GEOTECHNICAL REPORT FOR FOUNDATION SUBGRADE PREPARATION AND MATERIAL.
 - REFER TO CIVIL DRAWINGS/GEOTECHNICAL REPORT FOR UNDERSLAB DRAINS BELOW GRADE.
 - [-13'-0"] - INDICATES TOP OF FOOTING.
 - BACKGROUND ARE SHOWN FOR REFERENCE ONLY AND MAY NOT REFLECT MOST CURRENT BACKGROUND. CONTRACTOR SHOULD REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR PLANS, WALL LOCATIONS, ETC.
 - CONTRACTOR TO COORDINATE LOCATION OF ALL PENETRATIONS THROUGH FOUNDATION WALL FOR PLUMBING LINES, ELECTRICAL SERVICE, ETC. WALL AND/OR COLUMN FOOTINGS AT THESE LOCATIONS TO BE LOWERED AS REQUIRED TO ALLOW SERVICE TO PASS THROUGH WALL ABOVE FOOTING LEVEL.
 - DIMENSIONS AND ELEVATIONS SHOWN HAVE BEEN PROVIDED BY THE ARCHITECT. ALL INFORMATION MUST BE VERIFIED WITH THE LATEST SET OF ARCHITECTURAL DRAWINGS. BRING ANY CONFLICTS OR DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO SHOP DRAWING PREPARATION OR CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND ELEVATIONS NOT SHOWN.
 - 'P1' - INDICATES PIER TYPE. REFER TO DRAWING S-3.4 FOR DETAILS.
 - 'F4.0' - INDICATES COLUMN FOOTING TYPE. REFER TO SCHEDULE THIS SHEET.
 - INDICATES 2x6 BEARING WALL. WALLS ARE TO BE CONSTRUCTED FROM THE FLOOR TO THE TOP OF PLATE AT THE FLOOR ABOVE.
 - 'PL' - INDICATES PARALLAM POST.

June 10, 2020



CONTRACTOR IS TO FILL ALL 5 BLOCK OUT AREAS WITH (5) #5 REBAR DRILLED INTO EXISTING WALL AND FILL WITH CONCRETE AT ENTRY WAYS AT FINAL COORDINATED ELEVATION

CONTRACTOR IS TO FILL ALL 5 BLOCK OUT AREAS WITH (5) #5 REBAR DRILLED INTO EXISTING WALL AND FILL WITH CONCRETE AT ENTRY WAYS AT FINAL COORDINATED ELEVATION

FOOTING, ELEVATOR PIT WALLS AND FOOTING FOR COLUMNS P1 AND P2 ARE TO BE INCLUDED IN CONTRACT

EXISTING WALLS AND FOOTINGS FROM SEPARATE CONTRACT

EXISTING WALLS FROM SEPARATE CONTRACT

WEST
REAR

LEFT
SOUTH

EXISTING WALLS FROM SEPARATE CONTRACT

CONTRACTOR IS TO FILL ALL 5 BLOCK OUT AREAS WITH (5) #5 REBAR DRILLED INTO EXISTING WALL AND FILL WITH CONCRETE AT ENTRY WAYS AT FINAL COORDINATED ELEVATION

CONTRACTOR IS TO FILL ALL 5 BLOCK OUT AREAS WITH (5) #5 REBAR DRILLED INTO EXISTING WALL AND FILL WITH CONCRETE AT ENTRY WAYS AT FINAL COORDINATED ELEVATION

COORDINATE SIZE OF ELEVATOR PRIOR TO POURING THE FOOTING AND WALLS

EXISTING FOOTINGS

EXISTING FOOTINGS

(8)- #4 BOTTOM
(4)- #4 BOTTOM

New
Wentworth Hall
273
Washington Street
Islington, MA

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1	12/23/19		

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Roof Plan

JOB NO	18197.00
DATE	
DWG BY	DAD
CKD BY	BRG
SCALE	AS NOTED

S-1.3

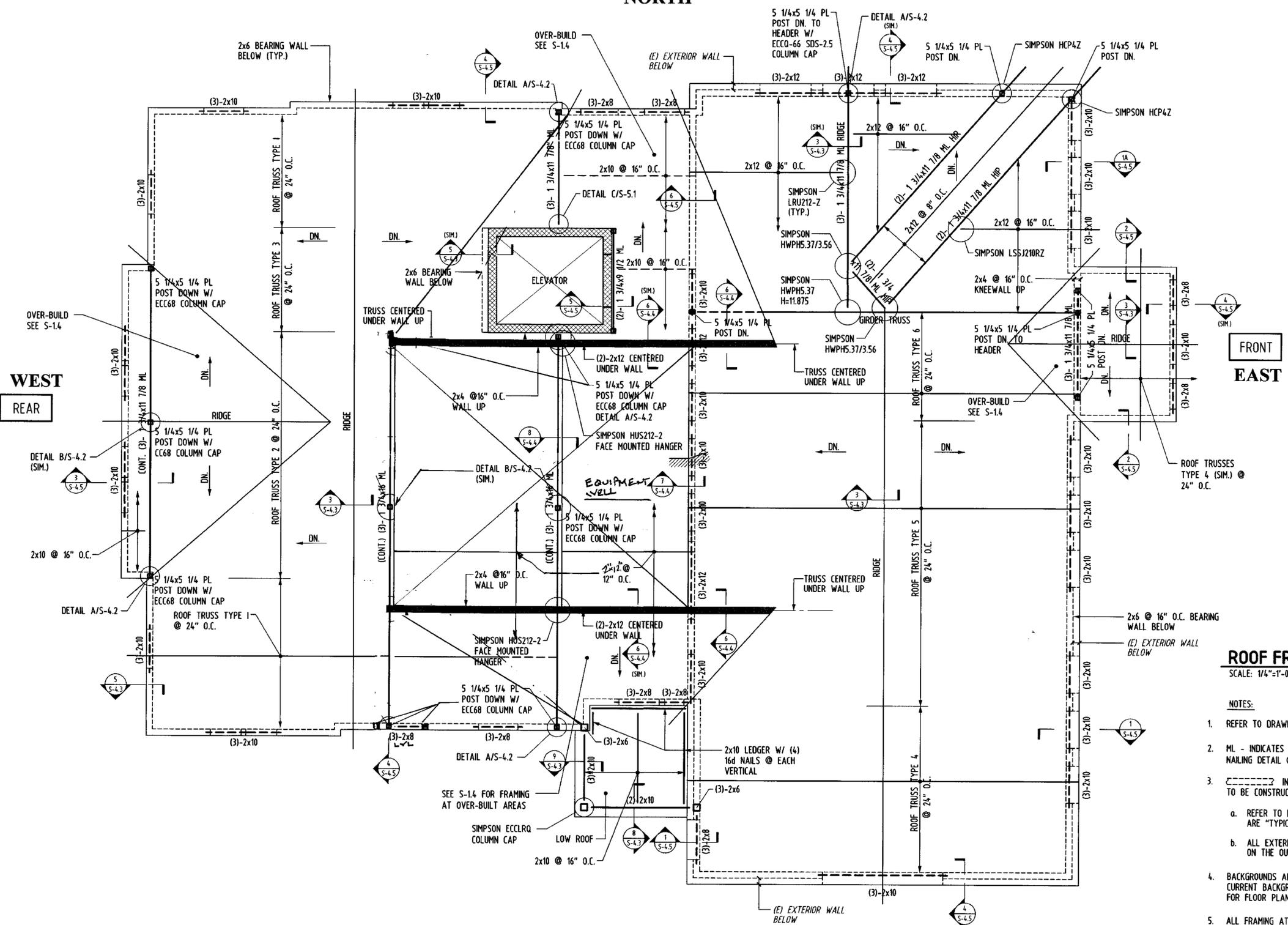
REFER TO DRAWINGS S-2.1 TO S-2.4 FOR ELEVATIONS

RIGHT

NORTH

LEFT

SOUTH



ROOF FRAMING PLAN

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

NOTES:

- REFER TO DRAWINGS S-0.1 TO S-0.3 FOR GENERAL NOTES.
- ML - INDICATES MICROLAM/LAMINATED VENEER LUMBER. REFER TO MULTIPLE LVL NAILING DETAIL ON DRAWING S-4.3
- INDICATES 2x6 BEARING WALL OR SHEAR WALL BELOW. WALLS ARE TO BE CONSTRUCTED FROM THE FLOOR BELOW TO THE TOP OF PLATE AT THE ROOF.
 - REFER TO DRAWING S-4.1 FOR SHEARWALL DETAILS & SCHEDULE. SHEARWALLS ARE "TYPICAL" UNLESS NOTED OTHERWISE ON PLAN.
 - ALL EXTERIOR WALLS ARE SHEARWALLS AND SHALL HAVE 1/2" PLYWOOD ON THE OUTSIDE, U.N.O. (NAILING SHALL BE 8d 6" EDGES & 12" INTERMEDIATE)
- BACKGROUNDS ARE SHOWN FOR REFERENCE ONLY AND MAY NOT REFLECT MOST CURRENT BACKGROUND. CONTRACTOR SHOULD REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR PLANS, WALL LOCATIONS, ETC.
- ALL FRAMING AT 16" O.C. UNLESS NOTED OTHERWISE.
- DIMENSIONS AND ELEVATIONS SHOWN HAVE BEEN PROVIDED BY THE ARCHITECT. ALL INFORMATION MUST BE VERIFIED WITH THE LATEST SET OF ARCHITECTURAL DRAWINGS. BRING ANY CONFLICTS OR DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO SHOP DRAWING PREPARATION OR CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND ELEVATIONS NOT SHOWN.
- | | |
|----------|---|
| (3)-2x10 | INDICATES HEADER BELOW. REFER TO DETAILS ON S-4.1 |
|----------|---|

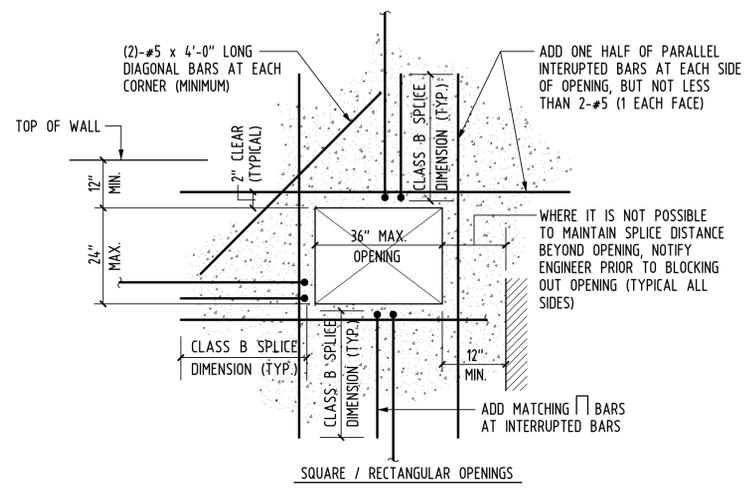
June 10, 2020
2/16/20

TENSION DEVELOPMENT LENGTH (Lap Class A) AND LAP SPLICE LENGTHS (Lap Class B)
FOR GRADE 60 DEFORMED REINFORCING BARS (inches)

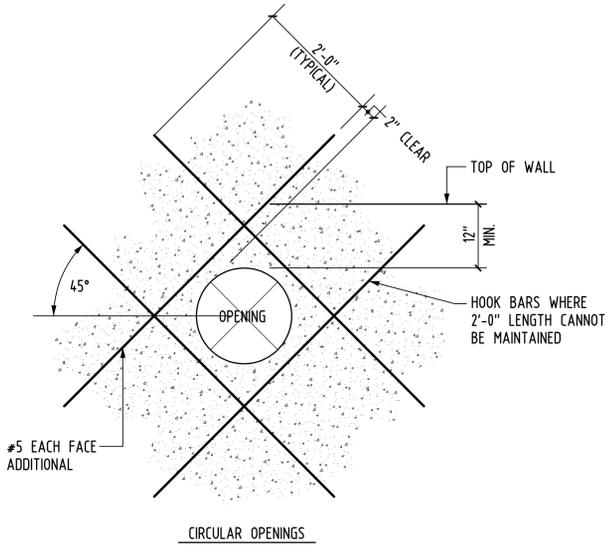
$f'_c = 3000$ PSI, NORMAL WEIGHT CONCRETE

BAR SIZE	LAP CLASS	CONCRETE COVER ≥ 0.75 in. CLEAR BAR SPACING ≥ 15 in.				CONCRETE COVER ≥ 1.00 in. CLEAR BAR SPACING ≥ 2.0 in.				CONCRETE COVER ≥ 1.50 in. CLEAR BAR SPACING ≥ 3.0 in.				CONCRETE COVER ≥ 2.00 in. CLEAR BAR SPACING ≥ 4.0 in.				CONCRETE COVER ≥ 3.00 in. CLEAR BAR SPACING ≥ 6.0 in.			
		UNCOATED		EPOXY-COATED		UNCOATED		EPOXY-COATED		UNCOATED		EPOXY-COATED		UNCOATED		EPOXY-COATED		UNCOATED		EPOXY-COATED	
		TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER	TOP ¹	OTHER
#3	A	13	12	17	15	13	12	17	15	13	12	16	12	13	12	16	12	13	12	16	12
	B	17	16	22	20	17	16	22	20	17	16	20	16	17	16	20	16	17	16	20	16
#4	A	22	17	28	25	17	13	23	20	17	13	21	16	17	13	21	16	17	13	21	16
	B	28	22	37	32	23	17	29	26	23	17	27	21	23	17	27	21	23	17	27	21
#5	A	32	24	41	37	26	20	34	30	22	17	28	25	22	17	26	20	22	17	26	20
	B	41	32	54	47	33	26	44	38	28	22	37	32	28	22	34	26	28	22	34	26
#6	A	43	33	56	50	35	27	46	41	26	20	34	30	26	20	34	30	26	20	31	24
	B	56	43	73	64	46	35	60	53	34	26	44	39	34	26	44	39	34	26	40	31
#7	A	69	53	90	80	57	44	75	66	43	33	55	49	38	29	49	43	38	29	45	35
	B	90	69	117	104	74	57	97	86	55	43	72	64	49	38	64	56	49	38	59	45
#8	A	86	66	112	99	72	55	93	82	54	41	70	62	43	33	56	50	43	33	52	40
	B	111	86	146	128	93	72	121	107	70	54	91	80	56	43	73	64	56	43	67	52
#9	A	104	80	136	120	87	67	114	101	66	51	86	76	53	41	70	61	48	37	63	56
	B	135	104	176	155	113	87	148	131	86	66	112	99	69	53	90	80	63	48	82	73
#10	A	125	96	163	144	106	81	138	122	81	62	106	93	66	51	86	76	55	42	71	63
	B	162	125	212	187	137	106	179	158	105	81	137	121	85	66	111	98	71	55	93	82
#11	A	146	113	191	169	125	96	163	144	97	74	126	111	79	61	103	91	61	47	79	70
	B	190	146	248	219	162	125	212	187	125	97	164	145	102	79	134	118	79	61	103	91

NOTES:
1. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.

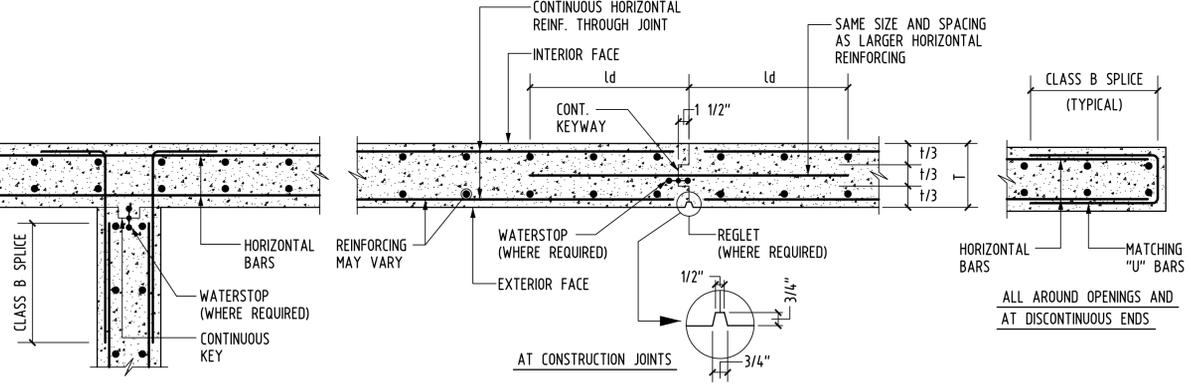
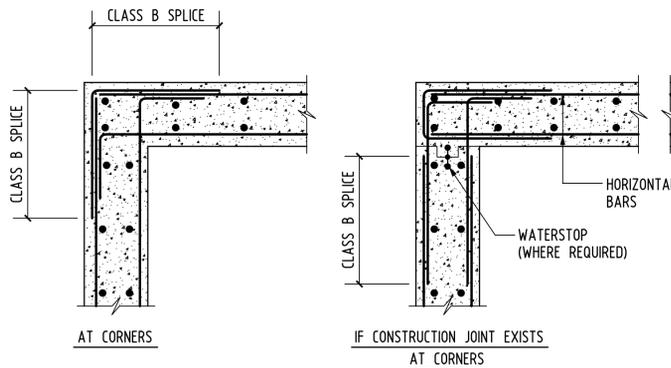


NOTE:
FOR OPENING THAT FIT BETWEEN HORIZONTAL & VERTICAL WALL REINF. NO ADDITIONAL REINF. REQUIRED.



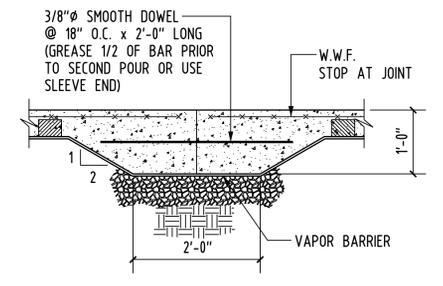
NOTES:
1. FOR OPENING DIAMETER $\leq 6"$ THIS DETAIL NOT REQUIRED.
2. USE AS SHOWN FOR OPENING SIZE LESS THAN WALL REINFORCING CLEAR BAR SPACING, ELSE APPLY SQUARE OPENING DETAIL AT LEFT.
3. AT MULTIPLE OPENINGS MAINTAIN $3 \times$ DIA. CLEAR SPACING & SUBMIT FOR REINFORCING REVIEW.

TYPICAL REINFORCING AT OPENINGS IN REINFORCED CONCRETE WALLS

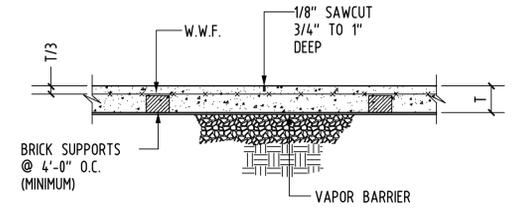


TYPICAL CONCRETE WALL DETAILS

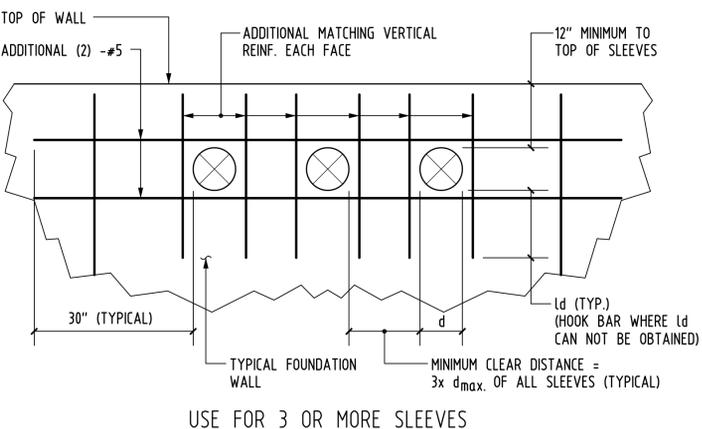
NOTES:
1. ALL HOOKS STANDARD U.N.O.
2. PROVIDE CONT. WATERSTOP AT ALL EXPOSED JOINTS ABOVE GRADE.



CONSTRUCTION JOINT AT SLAB ON GRADE



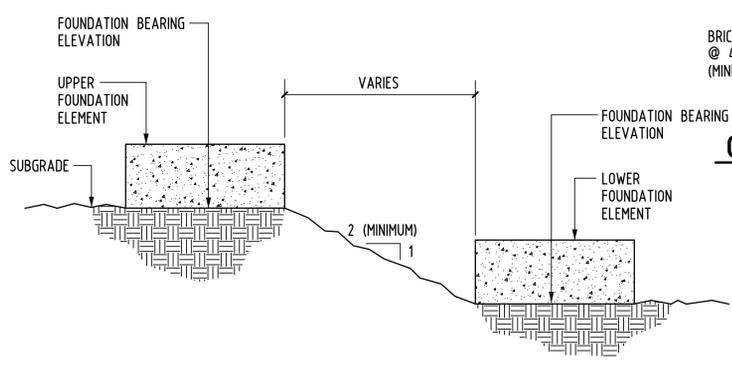
CONTROL JOINT AT SLAB ON GRADE



TYPICAL MULTI-SLEEVE DETAIL AT FOUNDATION WALL

DRILLED-IN AND EPOXY DOWEL EMBEDMENT SCHEDULE	
REINFORCING SIZE	UNCOATED BARS EMBEDMENT DEPTH (INCHES)
#4 BAR	6
#5 BAR	7
#6 BAR	8
#7 BAR	10
#8 BAR	12
#9 BAR	13
#10 BAR	16

NOTES:
1. TO BE USED WHERE CAST IN PLACE DOWELS ARE OMITTED. USE PER ENGINEER OF RECORD DIRECTION ONLY.



ALLOWABLE GRADE CHANGE AT ADJACENT SOIL BEARING FOUNDATIONS

NOTE:
REFER TO PROJECT GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.

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Concrete
Details I

JOB NO
18197.00

DATE

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CKD BY BRG

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AS NOTED

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REV # DATE ISSUANCE

1 12/23/19 REVISION #1

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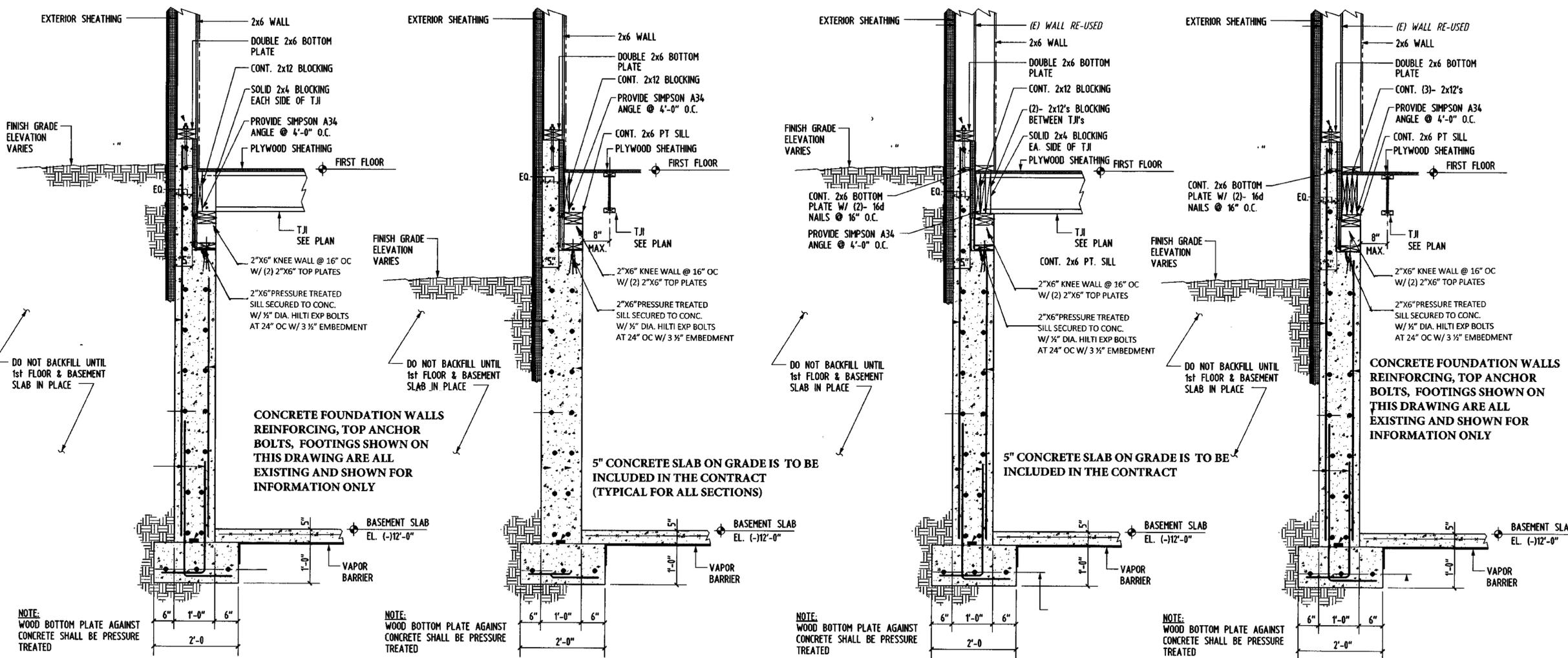
Concrete
Details III

JOB NO 18197.00
DATE June 10, 2020
DWG BY DAD
CKD BY BRG
SCALE AS NOTED

S-3.3

June 10, 2020

June 10, 2020

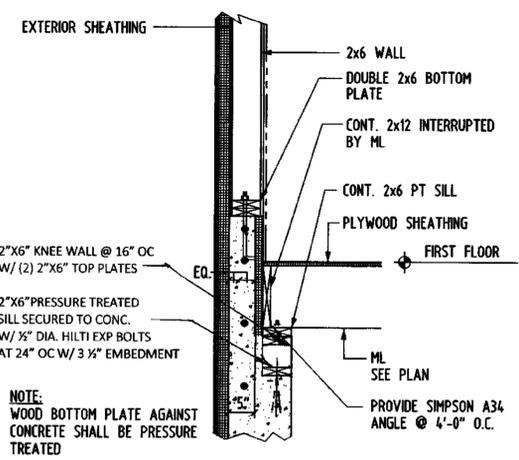


3 SECTION
S-1.1 & S-1.2 SCALE: 3/4"=1'-0"

4 SECTION
S-1.1 & S-1.2 SCALE: 3/4"=1'-0"

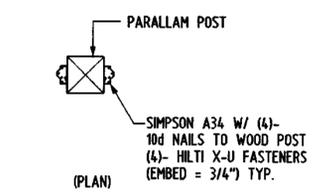
3A SECTION
S-1.1 & S-1.2 SCALE: 3/4"=1'-0"

4A SECTION
S-1.1 & S-1.2 SCALE: 3/4"=1'-0"



B DETAIL
S-1.2 SCALE: 3/4"=1'-0"

CONCRETE FOUNDATION WALLS REINFORCING, TOP ANCHOR BOLTS, FOOTINGS SHOWN ON THIS DRAWING ARE ALL EXISTING AND SHOWN FOR INFORMATION ONLY



C DETAIL
S-1.1 SCALE: 1"=1'-0"

BASIC PLUMBING REQUIREMENTS

PART 1. – GENERAL

1.1 RELATED DOCUMENTS

ALL APPLICABLE REQUIREMENTS OF OTHER PORTIONS OF THE CONTRACT DOCUMENTS APPLY TO THE WORK OF THIS SECTION INCLUDING, BUT NOT LIMITED TO, ALL DRAWINGS, ALL SPECIFICATIONS, GENERAL CONDITIONS, AND GENERAL REQUIREMENTS INCLUDING SUBMITTALS.

1.2 APPLICABLE CODES AND STANDARDS

APPLICABLE CODES: ALL LOCAL AND STATE BUILDING CODES, INCLUDING THE INTERNATIONAL PLUMBING CODE MASSACHUSETTS STATE PLUMBING CODE AND THE MASSACHUSETTS STATE BUILDING CODE.

APPLICABILITY OF STANDARDS: EXCEPT WHERE THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS. SUCH STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE.

CONFLICTING REQUIREMENTS: WHERE COMPLIANCE WITH TWO OR MORE STANDARDS IS SPECIFIED, AND THE STANDARDS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, REFER REQUIREMENTS THAT ARE DIFFERENT, BUT APPARENTLY EQUAL, AND UNCERTAINTIES TO THE ARCHITECT FOR A DECISION BEFORE PROCEEDING.

PUBLICATION DATES: WHERE THE DATE OF ISSUE OF A REFERENCED STANDARD IS NOT SPECIFIED, COMPLY WITH THE STANDARD IN EFFECT AS OF DATE OF CONTRACT DOCUMENTS.

ABBREVIATIONS AND NAMES: TRADE ASSOCIATION NAMES AND TITLES OF GENERAL STANDARDS ARE FREQUENTLY ABBREVIATED. THE FOLLOWING ACRONYMS OR ABBREVIATIONS AS REFERENCED IN CONTRACT DOCUMENTS ARE DEFINED TO MEAN THE ASSOCIATED NAMES. NAMES AND ADDRESSES ARE SUBJECT TO CHANGE AND ARE BELIEVED TO BE BUT ARE NOT ASSURED TO BE ACCURATE AND UP TO DATE AS OF DATE OF CONTRACT DOCUMENTS.

- AGA – AMERICAN GAS ASSOCIATION
- ANSI – AMERICAN NATIONAL STANDARDS INSTITUTE
- ARI – AIR CONDITIONING AND REFRIGERATION INSTITUTE
- ASHRAE – AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS
- ASME – AMERICAN SOCIETY OF MECHANICAL ENGINEERS
- ASSE – AMERICAN SOCIETY OF SANITARY ENGINEERING
- ASTM – AMERICAN SOCIETY FOR TESTING AND MATERIALS
- AWS – AMERICAN WELDING SOCIETY
- AWWA – AMERICAN WATER WORKS ASSOCIATION
- CISPI – CAST IRON SOIL PIPE INSTITUTE
- NEC – NATIONAL ELECTRIC CODE
- NFPA – NATIONAL FIRE PROTECTION ASSOCIATION
- NSF – NATIONAL SANITATION FOUNDATION
- PDI – PLUMBING AND DRAINAGE INSTITUTE
- UL – UNDERWRITERS LABORATORIES
- DOT – DEPARTMENT OF TRANSPORTATION
- EPA – ENVIRONMENTAL PROTECTION AGENCY
- OSHA – OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

1.3 SUBMITTALS

PRIOR TO THE PERFORMANCE OF ANY WORK OR INSTALLATION OF ANY MATERIALS, OBTAIN APPROVAL FROM THE ARCHITECT BY SUBMITTING SHOP DRAWINGS AND DATA SHEETS.

SUBMITTAL OF SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES WILL BE ACCEPTED ONLY WHEN SUBMITTED BY THE GENERAL CONTRACTOR. DATA SUBMITTED FROM SUBCONTRACTORS AND MATERIAL SUPPLIERS DIRECTLY TO THE ARCHITECT WILL NOT BE PROCESSED. CERTIFIED DRAWINGS AND CATALOG DATA SHEETS SHALL SHOW:

1. SPECIFICALLY WHAT ITEMS AND FEATURES ARE TO BE PROVIDED.
2. APPLICABLE SPECIFICATION SECTION NUMBER AND EQUIPMENT TAG NUMBER.
3. PRINCIPAL DIMENSIONS AND DETAILS OF CONSTRUCTION.
4. WEIGHTS: INFORMATION REQUIRED FOR THE DESIGN OF SUPPORTS AND FOUNDATIONS.
5. SIZES AND LOCATIONS OF PIPING AND CONNECTIONS.
6. PERFORMANCE DATA CERTIFIED BY THE MANUFACTURER.
7. SUBMIT SCHEDULE OF PROPOSED PIPING, VALVES, SPECIALTIES, ETC.
8. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE SEPERATLY IDENTIFIED.

PLUMBING SUBMITTALS SHALL BE PROVIDED FOR THE FOLLOWING ITEMS:

1. PIPING AND FITTING MATERIALS.
2. PLUMBING VALVES AND SPECIALTIES.
3. PIPING HANGER AND ATTACHMENT ASSEMBLIES.
4. PIPING INSULATION.
5. ALL SCHEDULED PLUMBING FIXTURES, DRAINS, AND CLEANOUTS.
6. UTILITY CONNECTION DETAILS REQUIRED BY AUTHORITIES HAVING JURISDICTION.

APPROVAL OF SHOP DRAWINGS DOES NOT RELEASE RESPONSIBILITY OF COORDINATING HIS WORK AT JOBSITE AND TAKING FIELD MEASUREMENTS. IN CASES WHERE INTERFERENCES BECOME APPARENT, NOTIFY ARCHITECT SO THAT SUCH INTERFERENCES MAY BE RESOLVED PRIOR TO PROCEEDING WITH SHOP WORK. NO CLAIM WILL BE ALLOWED FOR WORK THAT MIGHT HAVE TO BE MOVED OR REPLACED BASED ON A CLAIM THAT WORK WAS PLACED IN ACCORDANCE WITH DIMENSIONS INDICATED ON AN APPROVED SHOP DRAWING.

1.4 COORDINATION

COORDINATE WITH THE BUILDING TRADES:

1. STRUCTURAL MEMBERS, PADS, AND BUILDING OPENINGS FOR FIXTURES, EQUIPMENT, PIPING, ETC., FOR USE BY THIS INDICATED ON THE ARCHITECTURAL AND STRUCTURAL PLANS ARE THE COORDINATION RESPONSIBILITY OF THIS INSTALLER. PAY FOR ANY CHANGES IN THE ABOVE REQUIREMENTS AFTER LETTING AND ACCEPTING THE CONTRACT.
2. THE DRAWINGS SHOW THE GENERAL ARRANGEMENT, DIRECTIONS AND SIZES OF EQUIPMENT, PIPING, ETC. IT IS NOT INTENDED TO SHOW EVERY OFFSET AND FITTING OF EVERY SITE DIFFICULTY THAT MAY BE ENCOUNTERED. PROVIDE ALL MATERIALS AND PERFORM ALL LABOR NECESSARY TO MAKE COMPLETE WORKING SYSTEMS, READY FOR USE, WITHOUT EXTRA CHARGE. ALL MEASUREMENTS MUST BE VERIFIED ON THE JOBSITE.
3. EXAMINE THE SITE AND ALL DRAWINGS BEFORE PROCEEDING WITH THE LAYOUT AND INSTALLATION OF THIS TO SUIT ACTUAL CONDITIONS. CONFER AND COOPERATE WITH OTHER TRADES ON THE JOB SO THAT ALL WORK WILL BE INSTALLED IN PROPER RELATIONSHIP. COORDINATE PRECISE LOCATION OF PARTS WITH OTHER WORK. ALL SYSTEMS SHALL BE INSTALLED TO PROVIDE MAXIMUM HEADROOM, EXCEPT WHERE DIMENSIONED OTHERWISE ON THE DRAWINGS.

1.5 RECORD DOCUMENTS

RECORD DRAWINGS: MAINTAIN A CLEAN, UNDAMAGED SET OF PRINTS OF CONTRACT DRAWINGS AND SHOP DRAWINGS. MARK THE SET TO SHOW THE ACTUAL INSTALLATION WHERE THE INSTALLATION VARIES SUBSTANTIALLY FROM THE WORK AS ORIGINALLY SHOWN. MARK WHICHEVER DRAWING IS MOST CAPABLE OF SHOWING CONDITIONS FULLY AND ACCURATELY; WHERE SHOP DRAWINGS ARE USED, RECORD A CROSS-REFERENCE AT THE CORRESPONDING LOCATION ON THE CONTRACT DRAWINGS. GIVE PARTICULAR ATTENTION TO CONCEALED ELEMENTS THAT WOULD BE DIFFICULT TO MEASURE AND RECORD LATER.

1. MARK INFORMATION THAT IS IMPORTANT TO THE OWNER, BUT WAS NOT SHOWN ON CONTRACT DRAWINGS OR SHOP DRAWINGS.
2. ORGANIZE RECORD DRAWING SHEETS INTO MANAGEABLE SETS, BIND WITH DURABLE PAPER COVER SHEETS, AND PRINT SUITABLE TITLES, DATES AND OTHER IDENTIFICATION ON THE COVER OF EACH SET.
3. MAINS AND BRANCHES OF PIPING SYSTEMS, WITH VALVES AND CONTROL DEVICES LOCATED AND NUMBERED, CONCEALED UNIONS LOCATED, AND WITH ITEMS REQUIRING MAINTENANCE LOCATED.
4. APPROVED SUBSTITUTIONS, CONTRACT MODIFICATIONS, AND ACTUAL EQUIPMENT AND MATERIALS INSTALLED.
5. INCLUDE ALL "CORRECTED FOR RECORD" SHOP DRAWINGS TO REFLECT APPROVALS RECEIVED.

1.6 MAINTENANCE MANUALS

ORGANIZE OPERATING AND MAINTENANCE DATA INTO SUITABLE SETS OF MANAGEABLE SIZE. BIND PROPERLY INDEXED DATA IN INDIVIDUAL HEAVY-DUTY 2-INCH, 3-RING VINYL-COVERED BINDERS, WITH POCKET FOLDERS FOR FOLDED SHEET INFORMATION. MARK APPROPRIATE IDENTIFICATION ON FRONT AND SPINE OF EACH BINDER. INCLUDE THE FOLLOWING TYPES OF INFORMATION:

1. COPIES OF WARRANTIES.
2. WIRING DIAGRAMS.
3. INSPECTION PROCEDURES.
4. APPROVED SHOP DRAWINGS AND PRODUCT DATA.
5. DESCRIPTION OF FUNCTION, NORMAL OPERATING CHARACTERISTICS AND LIMITATIONS, PERFORMANCE CURVES, ENGINEERING DATA AND TESTS, AND COMPLETE NOMENCLATURE AND COMMERCIAL NUMBERS OF REPLACEMENT PARTS.
6. MANUFACTURER'S PRINTED OPERATING PROCEDURES TO INCLUDE START-UP, BREAK-IN, AND ROUTINE AND NORMAL OPERATING INSTRUCTIONS; REGULATION, CONTROL, STOPPING, SHUTDOWN, AND EMERGENCY INSTRUCTIONS; AND SUMMER AND WINTER OPERATING INSTRUCTIONS.
7. MAINTENANCE PROCEDURES FOR ROUTINE PREVENTATIVE MAINTENANCE AND TROUBLESHOOTING; DISASSEMBLY, REPAIR, AND REASSEMBLY; ALIGNING AND ADJUSTING INSTRUCTIONS.
8. SERVICING INSTRUCTIONS AND LUBRICATION CHARTS AND SCHEDULES.

1.7 REGULATIONS AND PERMITS
PROVIDE NOTICES, FILE PLANS, OBTAIN PERMITS AND LICENSES, PAY FEES, AND OBTAIN NECESSARY APPROVALS FROM AUTHORITIES HAVING JURISDICTION.

PAY FOR AND OBTAIN ALL REQUIRED PERMITS & SCHEDULE INSPECTIONS IN A TIMELY MANNER AS TO NOT DELAY THE PROJECT. OBTAIN ALL NECESSARY PERMITS INCLUDING DEMOLITION AND NEW WORK, ETC. PRIOR TO COMMENCE OF WORK.

PART 2. – PRODUCTS

2.1 GENERAL PRODUCT REQUIREMENTS

ALL EQUIPMENT AND MATERIALS, EXCEPT AS OTHERWISE SPECIFIED, SHALL BE NEW, OF CURRENT PRODUCTION, FIRST QUALITY AND OF THE BEST OF EACH CLASS SPECIFIED. MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE DELIVERED TO JOBSITE WITH FACTORY PACKAGING BEARING MANUFACTURER'S NAME OR LABEL, AND UNION LABEL WHENEVER PRACTICAL.

PART 3. – EXECUTION

3.1 PLUMBING INSTALLATIONS
GENERAL: SEQUENCE, COORDINATE, AND INTEGRATE THE VARIOUS ELEMENTS OF PLUMBING SYSTEMS, MATERIALS, AND EQUIPMENT. COMPLY WITH THE FOLLOWING REQUIREMENTS:

1. COORDINATE SYSTEMS, EQUIPMENT, AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS.
2. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS.
3. ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER BUILDING COMPONENTS DURING PROGRESS OF CONSTRUCTION, TO ALLOW FOR MECHANICAL INSTALLATIONS.
4. COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SLEEVES TO BE SET IN POURED-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED.
5. INSTALL SYSTEMS, MATERIALS, AND EQUIPMENT LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS, WHERE INSTALLED EXPOSED IN FINISHED SPACES.
6. INSTALL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE, AND REPAIR OR REPLACEMENT OF EQUIPMENT COMPONENTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.
7. PROVIDE ACCESS PANELS OR DOORS WHERE UNITS ARE CONCEALED BEHIND FINISHED SURFACES.
8. COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS, TO THE EXTENT THAT THOSE INSTRUCTIONS AND RECOMMENDATIONS ARE MORE EXPLICIT OR STRINGENT THAN REQUIREMENTS CONTAINED IN CONTRACT DOCUMENTS.
9. INSPECT MATERIALS OR EQUIPMENT IMMEDIATELY UPON DELIVERY AND AGAIN PRIOR TO INSTALLATION. REJECT DAMAGED AND DEFECTIVE ITEMS.

3.2 FINAL INSPECTION

PRIOR TO FINAL ACCEPTANCE, ALL SYSTEMS SHALL BE OPERATED TO TEST PERFORMANCE TO THE SATISFACTION OF THE ARCHITECT.

1. WATER SHALL CIRCULATE THROUGHOUT SYSTEMS WITHOUT NOISE, WATER HAMMER, LEAKS, TRAPPING, OR AIR-BINDING.
2. DRAINS SHALL FLOW FREELY, WITHOUT EXCESSIVE NOISE, LEAKS OR STOPPAGES.

CORRECT DEFECTS DEMONSTRATED BY INSPECTIONS AND TESTS TO THE SATISFACTION OF THE ARCHITECT.

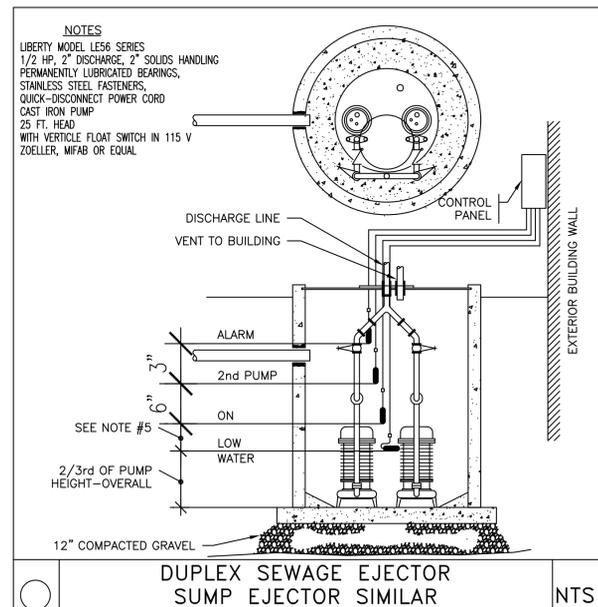
3.3 CLEANING OF SYSTEMS AND PREMISES

ALL EQUIPMENT AND FIXTURES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS AT THE COMPLETION OF THE PROJECT AND PRIOR TO ACCEPTANCE BY THE OWNER.

3.4 PROTECTION

GUARDS, BARRICADES, LIGHTS, SERVICES, ETC., NECESSARY FOR THE PROTECTION OF PERSONS AND PROPERTY SHALL BE FURNISHED AND MAINTAINED.

EXISTING WORK SUCH AS PAVEMENTS, LAWNS, SIDEWALKS, FLOORS, CURBS, AND OTHER STRUCTURES AND UTILITIES WHICH ARE DAMAGED OR DISTURBED DUE TO MAKING CONNECTIONS OR ANY PHASE OF OPERATIONS SHALL BE RESTORED TO THE SATISFACTION OF THE OWNER AND THE GOVERNING AUTHORITIES.



DUPLEX SEWAGE EJECTOR
SUMP EJECTOR SIMILAR

NTS

1. GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND GENERAL REQUIREMENTS, APPLY TO WORK SPECIFIED ON THESE DRAWINGS.
2. COORDINATE WORK WITH THAT OF OTHER TRADES AFFECTING OR AFFECTED BY WORK OF THIS SECTION AND COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF THE WORK.
3. ALL WORK AND MATERIALS SHALL COMPLY WITH THE MASSACHUSETTS STATE PLUMBING AND GAS CODES AND THE TOWN OF ISLINGTON, WESTWOOD MA.
4. FURNISH AND INSTALL A COMPLETE, SANITARY DRAINAGE AND VENT SYSTEM THROUGHOUT THE BUILDING FOR CONNECTION TO EVERY FIXTURE OR PIECE OF EQUIPMENT REQUIRING DRAINAGE. THE NEW WORK SHALL EXTEND AND CONNECT TO THE EXTERIOR SANITARY SYSTEM AS INDICATED.
5. FURNISH AND INSTALL A COMPLETE HOT WATER AND COLD WATER SYSTEM THROUGHOUT THE BUILDING, CONNECTING TO ALL FIXTURES AND EQUIPMENT REQUIRING HOT AND/OR COLD WATER. THE COLD WATER SYSTEM WORK SHALL EXTEND AND CONNECT TO THE EXTERIOR COLD WATER SYSTEM AS INDICATED. THE HOT WATER SYSTEM WORK SHALL BEGIN AT THE NEW ELECTRIC WATER HEATER WHERE INDICATED.
6. FURNISH AND INSTALL A COMPLETE GAS SYSTEM THROUGHOUT THE BUILDING, CONNECTING TO ALL EQUIPMENT REQUIRING GAS. THE GAS SYSTEM WORK SHALL EXTEND AND CONNECT TO THE GAS METERS SUPPLIED BY GAS COMPANY.
7. FURNISH TO OWNER A WRITTEN GUARANTEE OF THE GENERAL CONTRACTOR AND THIS SUBCONTRACTOR JOINTLY AND SEVERALLY, AGAINST ANY DEFECTS IN MATERIALS AND WORKMANSHIP IN WORK OF THIS SECTION FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
8. SUBMIT SHOP DRAWINGS ON PLUMBING FIXTURES AND VALVES SPECIFIED.
9. FURNISH AND INSTALL ALL PIPE OPENINGS, PIPE HANGERS AND HANGER RODS, AND FIXTURE SUPPORTS. PROPERLY SECURE HANGER RODS TO BUILDING STRUCTURE. SEAL ALL PIPE OPENINGS THROUGH FLOORS AND ROOF WATER TIGHT.
10. BURIED STORM, SANITARY AND VENT PIPING SHALL CAST IRON PIPE AND DRAINAGE FITTINGS. ABOVE GROUND SANITARY AND VENT PIPING SHALL BE SCHEDULE CAST IRON PIPE AND DRAINAGE FITTINGS. PROVIDE FIRE STOPPING AND SHEET METAL SLEEVES AS REQUIRED BY CODE WHERE ALL PIPING PASSES THROUGH FIRE RATED WALLS AND FLOORS.
11. HOT AND COLD WATER PIPING SHALL BE TYPE L SEAMLESS COPPER TUBING AND FITTINGS WITH 95-5 SOLDER JOINTS.
12. GAS PIPING SHALL BE SCHEDULE 40 STEEL WITH MALLEABLE IRON FITTINGS AND THREADED JOINTS. GAS PIPING MAY BE SUBSTITUTED WITH AN APPROVED FLEX GAS PIPE WHERE APPLICABLE
13. VALVES FOR HOT AND COLD WATER SHALL BE GATE VALVE, BRONZE BODY AND TRIM, NON-RISING STEM, 200 PSIG, SOLDER END, SIMILAR TO JENKINS 1240 OR APPROVED EQUAL. VALVES FOR GAS SHALL BE IRON BODY, PLUG TYPE, WITH SQUARE KEY AND THREADED ENDS.
14. COLD WATER AND HOT WATER PIPING INSULATION SHALL BE 1/2" THICK, WITH FACTORY APPLIED FIBERGLASS CLOTH WITH INTEGRAL VAPOR BARRIER AND SELF-SEALING LAP. FITTINGS AND VALVES SHALL BE COVERED WITH PRE-CUT FIBERGLASS INSERTS AND FITTED WITH MOULDED PVC COVERS, SECURED WITH GLASS FABRIC TAPE WITH MASTIC. INSULATION SHALL BE FIBERGLASS 25 ASJ OR EQUAL, AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS TO CONFORM TO THE AUL NON-COMBUSTIBLE RATING.
15. PLUMBING FIXTURES:
(TO BE APPROVED BY ARCHITECT BEFORE SUBMISSION FOR APPROVAL TO ENGINEER)
16. WH – WALL HYDRANT – WOODFORD MODEL 25 FREEZE RESISTANT, WITH INTEGRAL VACUUM BREAKER. (PROVIDE ON EACH SIDE OF BUILDING WHERE DIRECTED BY BUILDING OWNER)
17. WATER HEATERS – FURNISH AND INSTALL NEW WATER HEATER WHERE INDICATED.
18. TEST ALL NEW PLUMBING WORK IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS.

GENERAL NOTES

NTS

NOTE: THE FOLLOWING FIXTURES SPECIFIED ARE TO SHOW A STANDARD OF FIXTURES REQUIRED. SEEK APPROVAL BY ARCHITECT BEFORE SUBMITTING TO ENGINEER FOR APPROVAL						
IT IS IMPERATIVE THAT THE PLUMBING CONTRACTOR COORDINATE ROUGH WITH GENERAL CONTRACTOR BEFORE HE ORDERS FIXTURES. FIXTURES SPECIFIED HEREIN ARE TO BE USED AS A STANDARD FOR TYPE AND QUALITY						
ITEMS	DESCRIPTION	WASTE	VENT	COLD	HOT	REMARKS / OR EQUAL MANUFACTURER
PIH	WATER CLOSET	4'	2'	3/4'	-	FLOOR MOUNTED / FLOOR OUTLET TOTO "DARTMOUTH" CST754SF - 1.6GPF - W/SOFTCLOSE SEAT SHALL MEET M.A.A.B.B. & ADA REQUIREMENTS
P2H	LAVATORY-ADA	2'	2'	1/2'	1/2'	SAME AS P2, EXCEPT SHALL MEET M.A.A.B.B. & ADA REQUIREMENTS
P5	WATER COOLER	2'	2'	1/2'	-	DASIS PGBACSL-SS BILEVEL WATER COOLER, STAINLESS STEEL ADA COMPLIANT
P6	MDP RECEPTOR	2'	2'	1/2'	1/2'	FIAT MODELTSBCR-1000 WITH PLAIN CURBS 12" NEO-CORNER TERRAZO MODEL WITH 6" DROP FRONT #830-AA SERVICE FAUCET, #832-AA HOSE & BRACKET, #889-CC MDP HANGER
EWH	DOMESTIC WATER HEATER					BRADFORD WHITE DELUX HIGH EFFICIENCY ELECTRIC WATER HEATER MODEL M-III 50T6DS, 50 GALLON, 6KW 208 VOLT
WH	WALL HYDRANT	-	-	3/4'	-	J.R. SMITH MODEL 556GT, NDN-FREEZE, INTEGRAL VACUUM BREAKER, SELF-DRAINING, TO BE LOCATED AROUND PEREMETER OF BUILDING APPROXIMATELY EVERY 150'-0" ON CENTER
FD	FLOOR DRAIN	2'	2'	-	-	ZURN MODEL 2-415-TP WITH ZURN 1022 TRAP PRIMER
NOTES: 1. PLUMBER SHALL PROVIDE AND INSTALL WATER AND WASTE CONNECTIONS TO DISHWASHERS 2. ALL FIXTURES SHALL BE APPROVED BY ARCHITECT BEFORE SUBMISSION TO ENGINEER FOR APPROVAL						
PLUMBING FIXTURE LIST						NTS

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Wentworth Hall
Library
Expansion
273
Washington Street

Westwood, MA

OWNER

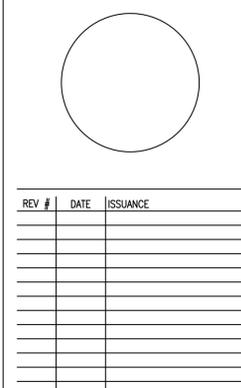
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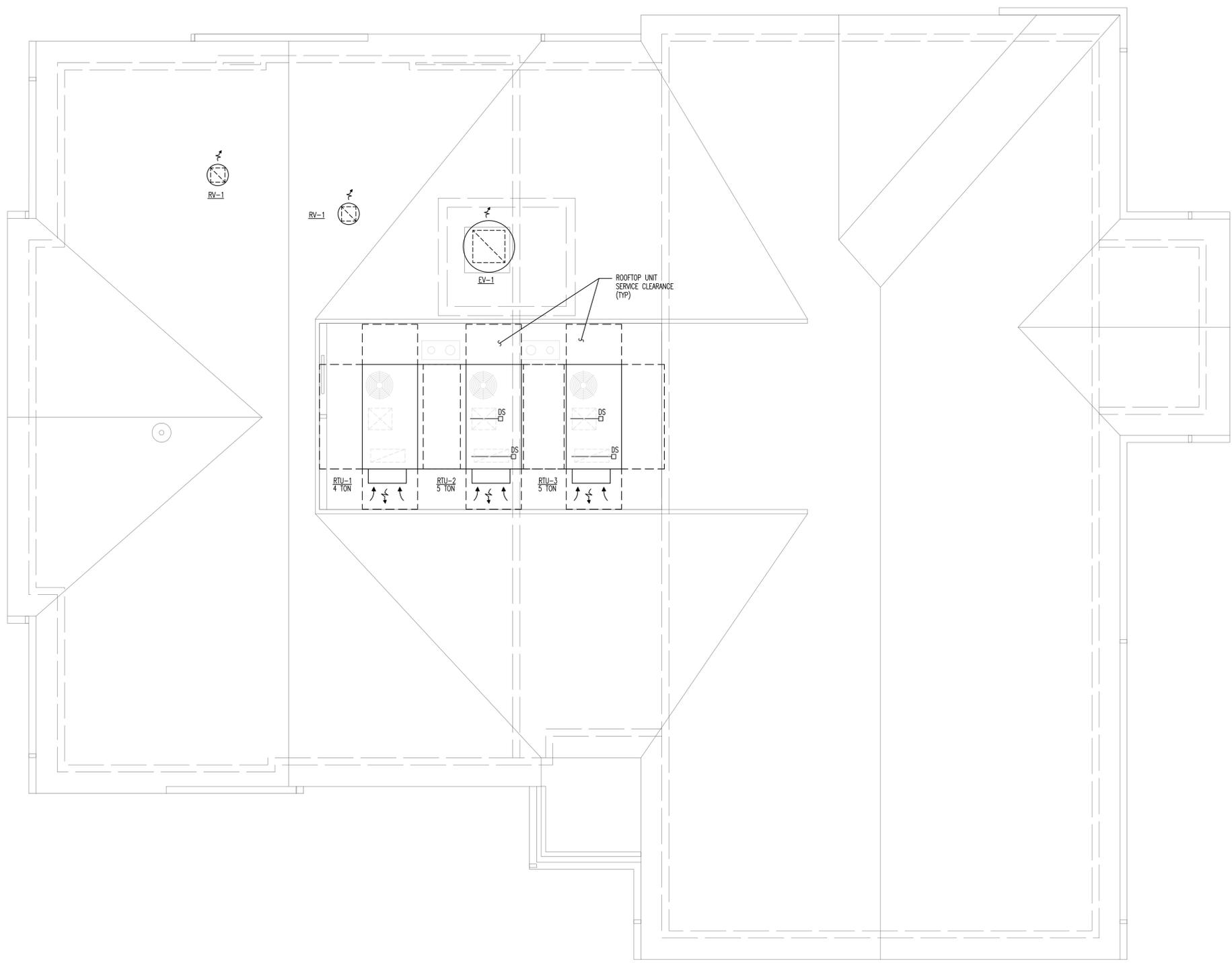
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Plumbing
Fixture List, Notes &
Specifications

JOB NO	
DATE	06.10.20
DWG BY	MEM
CKD BY	WD
SCALE	

P-1.3

1/4" = 1'-0"



**New
Wentworth Hall**

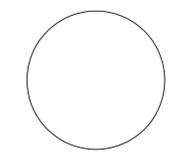
**273
Washington Street**
Westwood, MA

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REV #	DATE	ISSUANCE

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**Roof
HVAC Plan**

JOB NO	
DATE	06.10.20
DWG BY	JT
CKD BY	WD
SCALE	1/4" = 1'-0"

M-1.3

