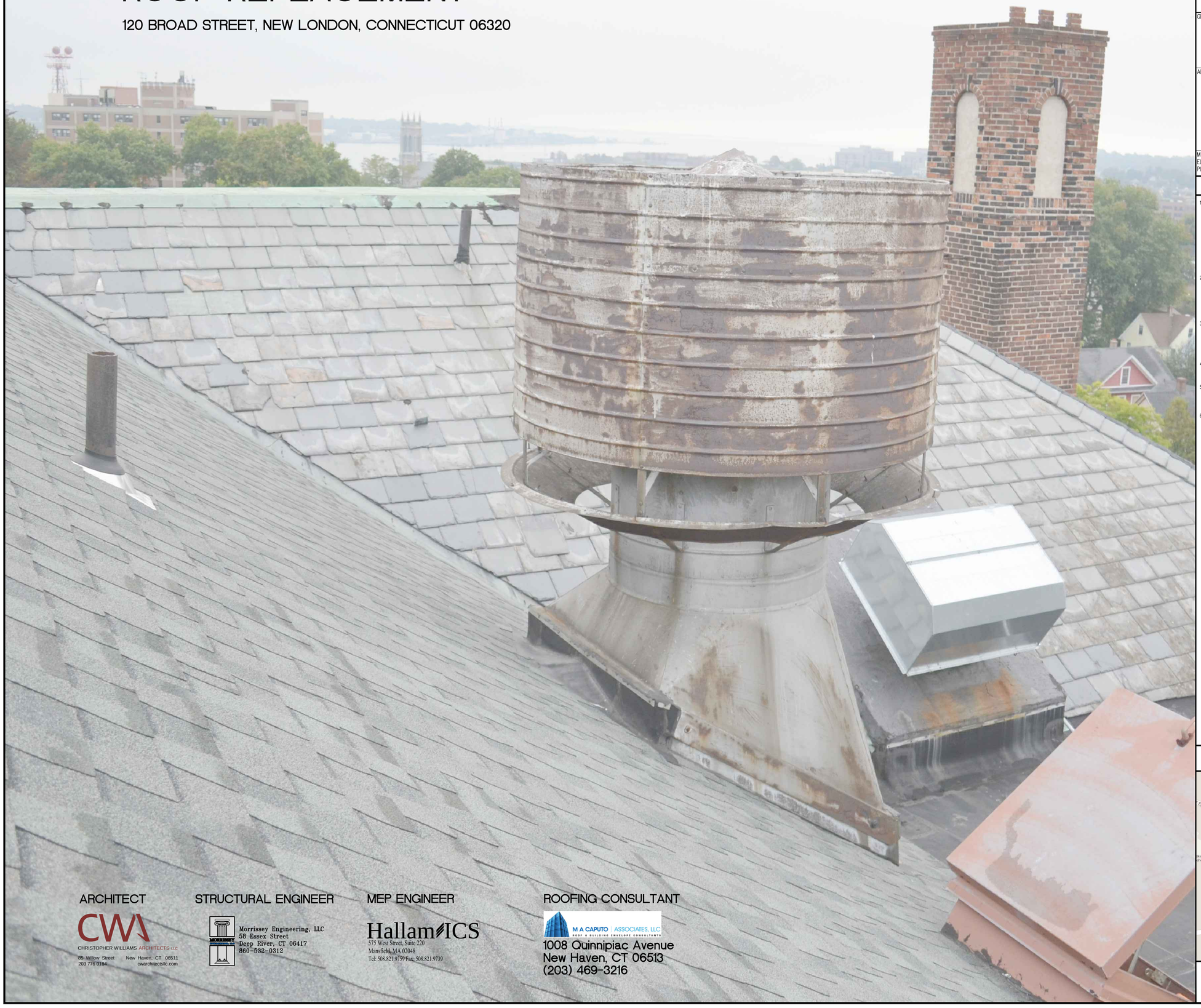
MARTIN CENTER
ROOF REPLACEMENT

120 BROAD STREET, NEW LONDON, CONNECTICUT 06320



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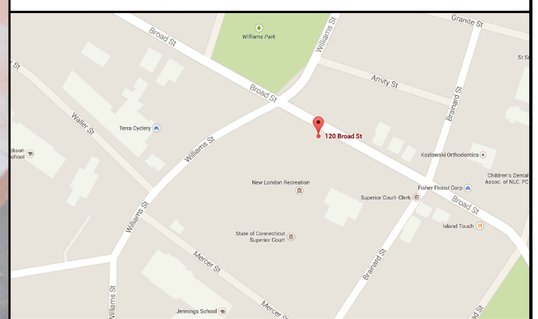
MECHANICAL, ELECTRICAL, PLUMBING	PLANS	MEP101	SENIOR CENTER MEP PLAN		•			

GENERAL NOTES

1. The intent of the Contract Documents is to include all items necessary for the proper execution and completion of all Work by the Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all. Where a conflict within the Contract Documents exists, the Contractor shall provide the better quality or greater quantity of work in accordance with the Architect's resolution without any increase in the Contract sum. Organization of the Specifications into divisions, sections and articles, and arrangement of sheets shall not control the Contractor in dividing the work among subcontractors, or in establishing the extent of Work to be performed by any trade.
2. REFERENCE KEY NOTES and SHEET KEY NOTES are intended to indicate and clarify the extent and requirements of the Work. They do not indicate every location or occurrence of required Work. The lack of a key note to an individual item of Work will not relieve the Contractor of responsibility to execute that Work as part of the Contract when the requirement for that Work is logically inferred by other parts of the Contract Documents.
3. EACH AND EVERY SUBCONTRACTOR shall be bound by the entire set of contract documents, which include the plans, specifications, supplemental conditions, addenda, etc. Regardless of each particular contractor's trade, scope of work, area of expertise, contractual obligations, past experience, etc.. they shall be bound by the entire set of contract documents.
4. EACH and EVERY SUBCONTRACTOR shall maintain a full set of the most up-to-date plans and specifications ON THE JOBSITE throughout the construction period.
5. Refer to the Architectural drawings for exact locations and coordination requirements. The architectural drawings control dimensional placement and positioning of EVERYTHING. Any conflicts or inconsistencies including those with existing conditions shall be brought to the attention of the Architect for resolution.
6. Refer to MEP Drawings for additional demolition, removal, cutting and patching requirements. Field verify mechanical, plumbing or electrical work requiring cutting and patching of architectural elements including (but not limited to) partitions, ceilings, casework and finishes. Provide all cutting, patching and/or replacement to provide a concealed installation.
7. All work, including MEP and structural work shall be coordinated with the existing building structure, MEP systems and architectural elements. Each subcontractor shall inspect existing conditions before finalizing their bid. It shall be assumed that they viewed all visible and semi-visible (including above suspended acoustical type ceilings, behind access panels, inside mechanical and electrical rooms). Unless access limitations are so noted in their bids, requests for related additional costs (ie. change orders) will not be considered.
8. Not every single existing element, device, fixture, etc. is shown on the drawings. Any existing item not graphically depicted, annotated , and or not specified to be removed, relocated or to remain on the drawings shall be construed to remain unless it falls under the conditions addressed under item 3 above. Any removal, reinstallation (including minor relocation) and/or minor modifications shall be included in the cost of the Work and not considered additional Work.
9. Field verify all dimensions and conditions, particularly prior to the creation and submission of shop drawings. While the drawings are graphically drawn to scale, do not scale drawings for any critical dimensional information. Use calculated and field verified dimensions.
10. All corners are 90 degrees unless otherwise noted or dimensioned.
11. All wiring in finished areas shall be concealed unless otherwise noted.

LOCATION MAP



SCALE OF FEET
0 500' 1000'

SCALE OF MILES
0 0.05 0.1 0.2

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STANDARD ARCHITECTURAL ABBREVIATIONS

A	Amphere
A/C	Air Conditioning
AAP	Alarm Annunciator Panel
AB	Anchor Bolt
ABAN	Abandon
ABRSV	Abrasive
AC	Asphaltic Concrete, Alternating Current
ACC	Accessible
ACP	Asphaltic Concrete Paving
ACS DR	Access Door
ACS PNL	Access Panel
ACSR	Aluminum Cable Steel Reinforced
ACST	Acoustic
ACT	Acoustical Ceiling Tile
ACP	Acoustical Ceiling panel
AD	Area Drain
ADA	Americans with Disabilities Act
ADC	Automatic Door Closer
ADDL	Additional
ADJ	Adjustable, Adjacent, Adjoining
AFF	Above Finish Floor
AFG	Above Finished Grade
AFS	Above Finished Slab
AHR	Anchor
AHU	Air Handling Unit
ALT	Alternate
ALUM	Aluminum
ANOD	Anodize
ANT	Antenna
APC	Acoustic Panel Ceiling
APPROX	Approximate
APT	Apartment
ARCH	Architectural
ARF	Architectural Finish
ASPH	Asphalt(ic)
ATC	Acoustic Tile Ceiling Attachment
AUTO	Automatic
AUX	Auxiliary
AV	Audio/Visual
AVG	Average
AW	Architectural Woodwork
AWN	Awning
AWT	Acoustical Wall Treatment
B/	Bottom of
BA	Bright Annealed
BAF	Baffel
BALC	Balcony
BAT	Batten, Battery
BB	Baseboard, Bulletin Board
BBR	Baseboard Radiator
BC	Between Centers, Bookcase
BCL	Broom Closet
BD	Board
BDRY	Boundry
BEV	Bevel
BF	Both Faces, Bottom Face
BFF	Below Finish Floor
BITUM	Bituminous
BKBD	Backboard
BL	Baseline, Building Line
BLDG	Building
BLKHD	Bulkhead
BLR	Boiler
BLST	Ballast
BLT	Borrowed Light
BLW	Below
BM	Beam, Benchmark
BOS	Bottom of Steel
BOT	Bottom
BR	Bedroom
BRDG	Bridging
BRG	Bearing
BRLP	Burlap
BRZ	Bronze
BS	Both Sides
BSMT	Basement
BT	Bathtub
BTWN	Between
BU	Built-Up
BUR	Built-Up Roofing
BW	Both Ways
C	Channel
C TO C	Center to Center
C&P	Carpet and Pad
CAB	Cabinet
CAN	Canopy
CANTIL	Cantelever
CATW	Catwalk
CAV	Cavity
CB	Catch Basin
CBB	Cementitious (Backer) Board
CCTV	Closed Circuit Television
CCW	Counterclockwise
CER	Ceramic
CF	Cubic Foot
CFLG	Counterflashing
CG	Corner Guard
CHBD	Chalk Board
CHFR	Chamfer
CHMBR	Chamber
CI	Cast Iron, Cubic Inch
CIR	Circle
CIRC	Circular
CISP	Cast Iron Soil Pipe
C.J.	Control Joint
CKBD	Chalkboard
CL	Centerline
CLG	Ceiling
CLL	Contract Limit Line
CLO	Closet
CLR	Clear, Clearance
CLRM	Classroom
CLT	Cleat
CM	Centimeter(s)
CMU	Concrete Masonry Unit
CNCL	Concealed
CND	Conduit
CNR	Corner
CNTR	Counter
CNVR	Conveyor
CO	Cased Opening, Cleanout, Cut Out
COL	Column
CONC	Concrete
CONF	Conference
CONSTR	Construction
CONT	Continuous, Continue
CONTR	Contract, Contractor
COORD	Coordinate
COP	Coping
CORN	Cornice
CORR	Corridor, Correct
COV	Cover
COVPL	Cover Plate
CPRS	Compressible
CPT	Carpet
CPVC	Chlorinated Polyvinyl Chloride
CRCMF	Circumference
CRN	Crown
CRS	Cold Rolled Steel
CS	Cast Stone
CSB	Concrete Splashblock
CSG	Casing
CSK	Countersunk
CSMT	Casement
CT	Ceramic Tile, Connecticut Cut Stone
CTSTN	Coated
CTD	Center, Contour
CTR	Copper, Cubic
CU	Cubicle
CUBI	Cabinet Unit Heater
CUH	Curtain
CURT	Clockwise, Cold Water
CW	Cubic Yard
CY	Deep
D	Duct Access Panel
DAP	Datum
DAT	Double
DBL	Direct Current
DC	Degree
DEG	Demolish, Demolition
DEMO	Department
DEPT	Designation
DES	Detail
DET	Drinking Fountain
DF	Double Hung
DH	Diameter
DIA	Diagonal
DIAG	Diameter
DIAM	Diffuser
DIFF	Dimension
DIM	Direction
DIR	Disconnect
DISC	Dispenser
DISP	Divide
DIV	Double Joist
DJ	Dampproofing
DMPF	Damper
DMPR	Down
DN	Domestic
DOM	Dining Room, Door, Drain
DR	Door Closer
DRCL	Door Frame
DRFR	Door Louver
DRLV	Disable
DSBL	Disposal
DSPL	Drain Tile
DT	Detach
DTCH	Duplicate
DUPL	Dishwasher
DW	Drawing
DWG	Domestic Water Heater
DWH	Dowel(s)
DWL	Drawer
DWR	Dumbwaiter
DWTR	East, Modulus of Elasticity
E	Each
EA	Eccentric
ECC	Each End
EE	Each Face, Exterior Finish
EF	Exterior Finish System
EFS	Exterior Gypsum Board
EGB	Exterior Gypsum Sheathing Board
EGSB	Electric Heater
EH	Electric Hand Dryer
EHD	Exterior Insulation and Finish System
EIFS	Expansion Joint
EJ	Elevation, Easement
EL	Line
ELAST	Elastomeric
ELEC	Electric, Electrical
ELEV	Elevator
EMER	Emergency
ENCL	Enclosure
ENTR	Entrance
EOS	Edge of Slab
EP	Electric Panel, Panelboard
EPDM	Ethylene Propylene Diene Monomer
EQ	Equal
EQUIP	Equipment
ESC	Escape, Escutcheon
ESCAL	Escalator
ESMT	Easement
ETC	And So Forth
EW	Each Way
EWC	Electric Water Cooler
EWS	Eye Wash Station
EXC	Excavate
EXIST	Existing
EXP	Expansion
EXT	Exterior
F	Female
F/	Face of
FA	Fire Alarm
FAAP	Fire Alarm Annunciator Panel
FAB	Fabric
FC	Fire Code, File Cabinet
FCBRK	Face Brick
FCO	Floor Cleanout
FD	Floor Drain
FDC	Fire Department Connection
FDTN	Foundation
FE	Fire Extinguisher
FEC	Fire Extinguisher Cabinet
FF	Finish Floor (or) Face
FGL	Fiberglass
FHC	Fire Hose Cabinet
FIG	Figure
FIN	Finish, Finished
FIXT	Fixture
FL	Floorline
FLASH	Flashing
FLDG	Folding
FLEX	Flexible
FLMT	Flush Mount
FLR	Floor
FLUOR	Fluorescent
FN	Fence
FO	Finished Opening
FOC	Face of Concrete
FOF	Face of Finish
FOM	Face of Masonry
FOS	Face of Stud
FOTK	Fuel Oil Tank
FOW	Face of Wall
FP	Fireproof, Flagpole
FPL	Fireplace
FR	Fire Rating, Fire Resistant, Frame
FRA	Fire Rated Assembly
FRMG	Framing
FRTW	Fire Rated Treated Wood
FRZ	Freezer
FT	Feet, Foot
FTG	Footing
FTR	Fin Tube Radiation
FURN	Furnace, Furnish, Furniture
FUT	Future
GA	Gage, Gauge
GALV	Galvanic, Galvanized
GB	Grab Bar, Gas Bbb
GDISP	Garbage Disposal
GDR	Guard Rail
GEN	Generator, General
GI	Galvanized Iron
GL	Glass
GLZ	Glazing, Glazed
GMU	Glass Masonry Unit
GRAN	Granite
GRDN	Garden
GROM	Grommet
GRTG	Grating
GRV	Groove
GSB	Gypsum Sheathing Board
GSU	Glazed Structural Unit
GT	Grease Trap, Grout
GWT	Glazed Wall Tile
GYM	Gymnasium
GYP	Gypsum
GYP BD	Gypsum Board
GYP PLAS	Gypsum Plaster
H	High
HAZ	Hazard
HB	Hose Bibb
HC	Handicap, Hollow Core, Heavy Duty
HCWD	Hollow Core Wood Door
HDR	Header
HGR	Hanger
HDWD	Hardwood
HDWR	Hardware
HM	Hollow Metal
HMD	Hollow Metal Door
HNDRL	Handrail
HORIZ	Horizontal
HP	Heat Pump, Horse Power
HPDL	High Pressure Decorative Laminate
HS	Hand Sink, High Strength
HST	Hoist
HT	Height
HVAC	Heating, Ventilation, Air Conditioning
HVY	Heavy
HYD	Hydrant
I	Moment of Inertia
ID	Inside Diameter, Inside Dimension
IF	Inside Face
INCAN	Incandescent
INCL	Included
IND	Independent
INSUL	Insulate, Insulation
INT	Interior
IR	Inside Radius
IS	Insect Screen, Island
JAN	Janitor
JC	Janitor's Closet
JF.	Joint Filler
JST	Joist
JT	Joint
KB	Knee Brace
KD	Kiln Dried, Knock Down
KIT	Kitchen
KO	Knock Out
KPL	Kickplate
KWY	Keyway
L	Angle
L&P	Lath and Plaster
LAB	Laboratory
LAM	Laminated
LAQ	Lacquer
LAT	Lateral
LAU	Laundry
LAV	Lavatory
LBS	Pounds
LBL	Label
LC	Laundry Chute
LCL	Linen Closet
LAV	Lavatory
LR	Living Room
LT	Light
LTG	Lighting
LV	Low Voltage
LVR	Louver
M	Meter
MACH	Machine
MAINT	Maintenance
MAX	Maximum
MB	Mail Box
MBR	Master Bedroom
MC	Moment Connection
MDO	Medium Density Overlay
MED	Medium, Medical
MEMB	Membrane
MEZZ	Mezzanine
MF	Mill Finish
MFR	Manufacturer
MH	Manhole
MIC	Microwave
MID	Middle
MIN	Minimum
MIRR	Mirror
MISC	Miscellaneous
MIT	Miter
ML	Metal Lath, Monolithic
ML&P	Metal Lath and Plaster
MLDG	Molding
MLWK	Millwork
MM	Millimeter
MO	Masonry Opening
MOD	Modify, Module, Modular
MON	Monument (prop. line marker)
MR	Moisture Resistant
MS	Mop Sink
MTD	Mounted
MTG	Mounting
MTL	Metal
MULL	Mullion
MULT	Multiple
MW	Microwave
MWP	Membrane Waterproofing
N	North, New
NA	Not Applicable
NAT	Natural
NCA	Nickel Copper Alloy
NIC	Not in Contract
NICOP	Nickel Copper
NKL	Nickel
NL	Night Light
NLB	Non-Loadbearing
NO	Number
NOM	Nominal
NPL	Nameplate, Nickel Plated
NS	No Scale
OA	Overall
O.C.	On Center
OD	Outside Diameter, Outside Dimension
OF	Outside Face
OF/CI	Owner Furnished/ Contractor Installed
OFF	Office
OH	Overhang
OPH	Opposite Hand
OPNG	Opening
OPP	Opposite
OPQ	Opaque
OR	Outside Radius
ORD	Overflow Roof Drain
ORG	Organic
ORIG	Original
ORN	Ornamental
OZ	Ounce
P	Pole
PA	Public Address
PAF	Power Actuated Fastener
PAR	Parallel
PARG	Parging
PB	Panel Board
PC	Precast, Portland Cement
PCC	Precast Concrete
PCCP	Precast Concrete Pavement
PCF	Pounds per Cubic Foot
PCP	Portland Cement Plaster
PE	Photoelectric
PED	Pedestal
PEJ	Premolded Expansion Joint
PERF	Perforated
PERIM	Perimeter
PH	Penthouse, Phase, Acid/alkaline Scale
PIV	Pivot, Pivoted
PKG	Package
PL	Property Line
PLAS	Plaster, Plastic
PLAT	Platform
PLBG	Plumbing
PLF	Pounds per Linear Foot
PLG	Piling
PLL	Project Limit Line
PLYWD	Plywood
PNET	Painted Metal
PN	Part Number
PNEU	Pneumatic
PNL	Panel
POL	Polished
PORT	Portable
PR	Pair, Pipe Rail
PRCST	Precast
PREFAB	Prefabricate
PREFIN	Prefinished
PREFMD	Preformed
PRI	Primary
PRIN	Principal
PRKG	Parking
PRMLD	Premolded
PROP	Property
PSI	Pounds per Square Inch
PSF	Pounds per Square Foot
PT	Post Tensioned, Pressure Treated
PTD	Painted, Paper Towel Dispenser
PTN	Partition
PTR	Paper Towel Receptacle
PVC	Polyvinyl Chloride
PVG	Paving
PW	Pass Window
PWR	Power
QT	Quarry Tile
QTB	Quarry Tile Base
QTR	Quarter
QTY	Quantity
R	Radius, Riser
RAB	Rabbeted
RAD	Radiator
RADN	Radiation
RB	Resilient Base
RBM	Reinforced Brick Masonry
RBR	Rubber
RCP	Reflected Ceiling Plan
RCPTN	Reception
RD	Road, Roof Drain
REC	Recessed
REF	Reference
REFR	Refractory, Refrigeration
REG	Register
REINF	Reinforce
REM	Removable
REPL	Replace
REPRO	Reproduce
REQD	Required
RESIL	Resilient
REST	Restroom
RET	Return
REV	Revision, Revised
RFG	Roofing
RFL	Reflected
RH	Right Hand, Roof Hatch
RHR	Right Hand Reverse
RL	Roof Leader
RLG	Railing
RM	Room
RND	Round
RO	Rough Opening
ROW	Right of Way
RSD	Railing Steel Door
RV	Roof Ventilator
RVEL	Reveal
RWL	Rainwater Leader
S	South
SALV	Salvage
SAN	Sanitary
SB	Splash Block
SBSTR	Substrate
SC	Solid Core
SCHED	Schedule
SCP	Scupper
SCRN	Screen
SCT	Structural Clay Tile
SCWD	Solid Core Wood Door
SD	Smoke Detector, Soap Dispenser, Storm Drain
SDBL	Sandblast
SDG	Siding
SDL	Saddle
SECT	Section
SEP TNK	Septic Tank
SF	Square Foot
SGL	Single
SH	Shingles, Single Hung
SHFT	Shaft
SHR	Shower
SHRD	Shower Drain
SHT	Sheet
SHTHG	Sheathing
SHTR	Shutter
SHV	Shelf, Shelving
SIM	Similar
SKLT	Skylight
SLDG	Sliding
SLNT	Sealant
SLV	Sleeve
SLVT	Solvent
SM	Sheet Metal, Small, Smooth
SMLS	Seamless
SMP	Sump Pump
SND	Sanitary Napkin Dispenser
SNDU	Sanitary Napkin Disposal Unit
SNSR	Sensor
SP	Sump Pit
SP EL	Spot Elevation
SPCL	Special
SPH	Space Heater
SPKR	Speaker
SPL	Spline
SQ	Square
SS	Service Sink
SST	Stainless Steel
ST	Stairs, Street
STAG	Staggered
STD	Standard
STIF	Stiffener
STIR	Stirrup
STN	Strainer
STOR	Storage
STR	Straight, Strike, Stringer
STRM	Storeroom
STRUCT	Structural
SUB FL	Sub Floor
SURF	Surface
SURV	Survey
SUSP	Suspend, Suspended
SVCE	Service
SWR	Sewer
SYM	Symbol
SYMM	Symmetrical
SYNTH	Synthetic
SYS	System
T	Tread
T/	Top of
T&B	Top and Bottom
T&G	Tongue and Groove
T/S	Tub and Shower
TAN	Tangent
TB	Through Bolt, Towel Bar
TC	Terra Cotta
TD	Towel Dispenser, Trench Drain
TDR	Towel Dispenser/ Receptacle
TE	Top Elevation
TEJ	Transverse Expansion Joint
TEL	Telephone
TEMP	Temporary, Temperature
TER	Terrazzo
TFF	Top of Finish Floor
THD	Thread
THK	Thickness
THRESH	Threshhold
THRU	Through
THROUT	Throughout
TKBD	Tack Board
TMPD	Tempered
TN	True North
TNL	Tunnel
TO	Top of_
TOB	Top of Beam
TOC	Top of Concrete (or) Curb
TOFF	Top of Finish Floor
TOF	Top of Frame
TOJ	Top of Joist
TOM	Top of Masonry
TOP	Top of Pavement, Top of Parapet
TOS	Top of Slab (or) Steel
TOW	Top of Wall
TPD	Toilet Paper Dispenser
TPH	Toilet Paper Holder
TR	Towel Rack
TRANS	Transom, Transparent
TRMBKL	Turnbuckle
TRTD	Treated
TV	Television
TYP	Typical
UC	Undercut
UCD	Undercut Door
UGND	Underground
UH	Unit Heater
UNEX	Unexcavated
UNFIN	Unfinished
UNIF	Uniform
UNO	Unless Noted Otherwise
UP	Utility Pole
UR	Urinal
UTIL	Utility
UV	Ultraviolet
V	Volt
VAN	Vanity
VAR	Varies
VCO	Vacuum Cleaner Outlet
VCT	Vinyl Composition Tile
VEH	Vehicle
VERT	Vertical
VEST	Vestibule
VID	Vidio
VIF	Verify in Field
VJ	V Joint
VNR	Veneer
VOL	Volume
VP	Veneer Plaster, Vapor Retarder
VRFY	Verify
VRNDA	Veranda
VYL	Vinyl
W	West, Wall, Waste, Wide
W/	With
W/O	Without
W/W	Wall to Wall
WB	Wood Base
WBL	Wood Blocking
WBS	Wrought Brass
WC	Wall Covering, Water Closet
WCLR	Water Cooler
WD	Wood, Wood Door
WDF	Wood Door and Frame
WDP	Wood Paneling
WF	Wide Flange
WFAB	Wall Fabric
WFR	Wood Frame
WFS	Wood Furring Strips
WGL	Wire Glass
WH	Wall Hung, Weep Hole
WI	Wrought Iron
WO	Where Occurs
WP	Waterproof, Weatherproof
WS	Weatherstrip
WSCT	Wainscot
WT	Watertight, Weight
WTR	Water
WWF	Welded Wire Fabric

GRAPHIC SYMBOLS
ELECTRONIC SAFETY AND SECURITY

ELECTRONIC DETECTION AND ALARM

FAC	ALARM – FIRE COMMUNICATOR	FTR	ALARM – TRANSPONDER OR TRANSMITTER	HD R/C	DETECTOR – HEAT, RATE COMPENSATION
FACP	ALARM – FIRE CONTROL PANEL		ALARM – VOICE COMMUNICATION PANEL	HD R	DETECTOR – HEAT, RATE OF RISE
F	ALARM – FIRE, MANUAL PULL STATION		DETECTION SWITCH ABORT	IH	DETECTOR – IONIZATION AND HEAT SMOKE
	ALARM – GONG		DETECTION SWITCH – VALVE TAMPER	IP	DETECTOR – IONIZATION AND PHOTOELECTRIC SMOKE
	ALARM – HORN STROBE		DETECTION – GAS	I	DETECTOR – IONIZATION SMOKE
SS	SPEAKER STROBE	SCPP	DETECTION – SMOKE ALARM AND PRESSURE PANEL	IPH	DETECTOR – IONIZATION, PHOTOELECTRIC AND HEAT SMOKE
	ALARM – HORN		ALARM – ELECTROMAGNETIC DOOR HOLDER	PH	DETECTOR – PHOTOELECTRIC AND HEAT SMOKE
	ALARM – STROBE		DETECTOR – FLAME FLICKER	P	DETECTOR – PHOTOELECTRIC SMOKE
	ALARM – MANUAL CONTROL	HD	DETECTOR – HEAT		DETECTOR – SMOKE
MFACP	ALARM – MASTER CONTROL PANEL	H	DETECTOR – HEAT SMOKE		DETECTOR – SMOKE, FOR DUCT
WA	ALARM – SPRINKLER SYSTEM WATER FLOW BELL	HD R/T	DETECTOR – HEAT COMBINATION	T	DETECTOR – SWITCH LEVEL
TS	ALARM – TAMPER SWITCH	HD F	DETECTOR – HEAT FIXED TEMPERATURE	FAAP	FIRE ALARM ANNUNCIATOR PANEL

GRAPHIC SYMBOLS
SITE

×(0.00)	EXISTING SPOT ELEVATION	GC	GRIT CHAMBER		SANITARY PRESSURE VESSEL
×0.00	SPOT ELEVATION	G	GAS METER	S	SANITARY VALVE VAULT
×BC 0.00	SPOT ELEVATION, BOTTOM OF CURB	G	NATURAL GAS MANHOLE	ST	SEPTIC TANK
×BS 0.00	SPOT ELEVATION, BOTTOM OF STEPS	G	GAS RECIEVER		STEAM PIT
×BW 0.00	BOTTOM OF WALL	G	GAS TRAP		TIDE GAGE
×FF 0.00	SPOT ELEVATION, TOP OF FINISH FLOOR	G	GAS VALVE VAULT		TIRE TREDDLE
×MEG	MATCH EXISTING GRADE		HANDICAP SYMBOL	xx	TANK (BELOW GROUND)
×TC 0.00	SPOT ELEVATION, TOP OF CURB		HORIZONTAL CONTROL POINT	xx	TANK (HORIZONTAL ABOVE GROUND)
×TS 0.00	SPOT ELEVATION, TOP OF STEPS		HORIZONTAL VERTICAL CONTROL POINT	xx	TANK (VERTICAL ABOVE GROUND)
×TW 0.00	SPOT ELEVATION, TOP OF WALL		HYDRANT		TRAFFIC ARM WITH CARD READER
	PARKING TURNING ARROW	95	INTERSTATE HIGHWAY SYMBOL		
	STRAIGHT DIRECTION ARROW		US HIGHWAY SYMBOL		TRAFFIC ARM MECHANICAL SWING
	STRAIGHT AND TURN ARROW	9	STATE HIGHWAY SYMBOL		VERTICAL CONTROL POINT
CB	CATCH BASIN	MW	MONITORING WELL	W	WATER HANDHOLE
CB	ROUND CATCH BASIN		PHOTO CONTROL POINT	W	WATER METER
CO	SANITARY CLEANOUT		POST INDICATOR VALVE	WS	WATER SOFTENER
	CORE DRILL HOLE DRILLED	PS	PUMP STATION	W	WATER VALVE VAULT
	CORE DRILL HOLE UNDRILLED		REGULATOR VALVE	I	INDUSTRIAL WASTE WATER METER
D	STORM DRAINAGE MANHOLE		RAIL SIGNAL	T	INDUSTRIAL WASTE WATER MANHOLE
F	FUEL OIL METER	D	STORM DRAINAGE MANHOLE		LIGHT POLE
F	FUEL OIL MANHOLE		SIGN		UTILITY POLE
F	FUEL OIL VAULT	S	SANITARY MANHOLE		PARKING METER
GT	GREASE TRAP	S	SANITARY METER		

GRAPHIC SYMBOLS
FIRE SUPPRESSION

CU	SECURITY ACCESS CONTROL UNIT		FIRE SUPPRESSION, PENDANT HEAD SPRINKLERS		FIRE SUPPRESSION, SPRINKLER HEAD, SIDEWALL PENDANT
	FIRE SUPPRESSION, FIRE DEPARTMENT KEY BOX		FIRE SUPPRESSION, HYDRANT, PRIVATE HOUSED TWO-HOSE OUTLET		FIRE SUPPRESSION, SPRINKLER HEAD, SIDEWALL UPRIGHT
	FIRE SUPPRESSION, SPRINKLER BRANCH HEADS		FIRE SUPPRESSION, FIRE DEPARTMENT CONNECTION, ONE-WAY		FIRE SUPPRESSION, EXTINGUISHER, DRY CHEMICAL, BC TYPE
	FIRE SUPPRESSION, SPRINKLER HEAD WITH GUARD		FIRE SUPPRESSION, FIRE DEPARTMENT CONNECTION, TWO-WAY SIAMESE		FIRE SUPPRESSION, EXTINGUISHER, DRY CHEMICAL ABC TYPE
	FIRE SUPPRESSION, NIPPLED UP UPRIGHT SPRINKLER	HC	FIRE SUPPRESSION, FIRE HOSE CABINET OR CONNECTION		FIRE SUPPRESSION, CO2 EXTINGUISHER
	FIRE SUPPRESSION, NOZZLE, SPECIAL SPRAY		FIRE SUPPRESSION, STANDPIPE, DRY HOSE STATION		FOAM EXTINGUISHER
	FIRE SUPPRESSION, OUTSIDE SPRINKLER		FIRE SUPPRESSION, STANDPIPE, HOSE CABINET CHARGED		

GRAPHIC SYMBOLS
ELECTRICAL

POWER AND CIRCUITING

	DISTRIBUTION PANEL	T	TRANSFORMER	PB	PULL BOX
	POWER PANEL	J	JUNCTION BOX	M	ELECTRICAL METER
	LIGHTING PANEL	HJ	JUNCTION BOX, WALL MOUNTED		

ELECTRICAL DEVICES

$	SWITCH, SINGLE POLE		DISCONNECT SWITCH, UNFUSED		RECEPTACLE, SPECIAL PURPOSE SIMPLEX
$3	SWITCH, 3-WAY		STARTER OR MOTOR CONTROLLER		RECEPTACLE, SPECIAL PURPOSE DUPLEX
$3D	SWITCH, 3-WAY DIMMER		STARTER COMBINATION WITH DISCONNECT SWITCH		RECEPTACLE, RECESSED
$4	SWITCH, 4-WAY		OCCUPANCY SENSOR, CEILING MOUNTED		RECEPTACLE, FLOOR MOUNTED SIMPLEX
$D	SWITCH, SINGLE POLE DIMMER		OCCUPANCY SENSOR, WALL MOUNTED		RECEPTACLE, FLOOR MOUNTED DUPLEX
$DFA	SWITCH, CALL FOR AID		RECEPTACLE, DUPLEX		SPECIAL PURPOSE RECEPTACLE, FLOOR MOUNTED
$L	SWITCH, SINGLE POLE JAMB MOUNTED		RECEPTACLE, DUPLEX SPLIT WIRED		POWER AND TELEDATA COMBINATION, FLOOR MOUNTED
$K	SWITCH, SINGLE POLE KEYED		RECEPTACLE, DUPLEX ON EMERGENCY POWER CIRCUIT		RECEPTACLE, CASEWORK/COUNTER/FURNISHINGS MOUNTED
$LM	SWITCH, LOW VOLTAGE MASTER		RECEPTACLE, SIMPLEX WEATHERPROOF		POWER AND TELEDATA COMBINATION, CASEWORK/COUNTER/FURNISHINGS MOUNTED
$P	SWITCH, SINGLE POLE WITH PILOT LIGHT		RECEPTACLE, DUPLEX WEATHERPROOF		RECEPTACLE, CEILING MOUNTED SIMPLEX
$T	SWITCH, SINGLE POLE TIMER OPERATED		DUPLEX RECEPTACLE, GROUND FAULT INTERRUPTER CIRCUIT		RECEPTACLE, CEILING MOUNTED DUPLEX
	DISCONNECT SWITCH, FUSED		QUADRAPLEX RECEPTACLE		"CALL FOR AID" LIGHT

LIGHTING

	LUMINAIRE, CEILING RECESSED		LUMINAIRE, EXTERIOR WALL SURFACE MOUNTING		LUMINAIRE, CEILING, RECESSED FLUORESCENT actual size shown on plan
	LUMINAIRE, CEILING SURFACE DECORATIVE		LUMINAIRE, GENERIC WALL SURFACE MOUNTING – ELEVATION		LUMINAIRE, CEILING SURFACE MOUNTED FLUORESCENT actual size shown on plan
	LUMINAIRE, CASEWORK/MIDLEVEL MOUNTED UP OR DOWN LIGHT		LUMINAIRE, EMERGENCY LIGHT		LUMINAIRE, CEILING PENDANT MOUNTED, actual size and shape shown on plan
	LUMINAIRE, CEILING SURFACE UTILITY		ILLUMINATED EXIT SIGN, CEILING MOUNTED hatch indicates illuminated side(s) allow indicates directional sign		LUMINAIRE, LINIER UNDERCABINET/SHELF actual size shown on plan
	LUMINAIRE, WALL SURFACE MOUNTING		ILLUMINATED EXIT SIGN, WALL MOUNTED hatch indicates illuminated side(s) allow indicates directional sign		TRACK LIGHTING, TRACK MOUNTED DIRECTLY TO CEILING OR WALL
			TRACK LIGHTING, TRACK TRACK SUSPENDED FROM ABOVE		

COMMUNICATIONS

	DATA WALL MOUNTED		DATA CEILING MOUNTED	H	HUB
	TELEPHONE WALL MOUNTED		TELEDATA, CASEWORK/COUNTER/FURNISHINGS MOUNTED	R	ROUTER
	TELEDATA, WALL MOUNTED		TELEDATA AND POWER COMBINATION, CASEWORK/COUNTER/FURNISHINGS MOUNTED	PS	POWER SUPPLY
	DATA FLOOR MOUNTED		CABLE/CLOSED CIRCUIT TELEVISION	P/B	POWER SUPPLY WITH BATTERY
	TELEPHONE FLOOR MOUNTED	WM	WIRELESS MODEM	S	COMMUNICATIONS, SPEAKER, CEILING MOUNTED
	TELEDATA, FLOOR MOUNTED	M	MODEM	S	COMMUNICATIONS, SPEAKER, WALL MOUNTED

GRAPHIC SYMBOLS
ELECTRONIC SAFETY AND SECURITY

ELECTRONIC ACCESS CONTROL AND INTRUSION DETECTION

CU	SECURITY ACCESS CONTROL UNIT	MSI	SECURITY ACCESS MASTER STATION INTERCOM		SECURITY ACCESS – SENSOR, BURIED VEHICULAR
	SECURITY ACCESS TELEVISION CAMERA		SECURITY ACCESS PANIC ALARM		SECURITY ACCESS – SWITCH, BALANCED MAGNETIC CONTROL
	SECURITY ACCESS BELL		SECURITY ACCESS – VIDEO CAMERA WITH LENS		SECURITY ACCESS – TELEPHONE HANDSET
	SECURITY ACCESS BUZZER	M PZ	SECURITY ACCESS – VIDEO CAMERA WITH LENS, MOTION DETECTOR WITH PAN AND ZOOM		SECURITY ACCESS – TOUCH PAD LOCK OR DEVICE
RU	SECURITY ACCESS INFRARED AND ULTRASONIC MOTION DETECTOR	360	SECURITY ACCESS – VIDEO CAMERA, PANNING CAMERA TRAVERSE ANGLE	U	SECURITY ACCESS – UNTRASONIC MOTION DETECTOR
IC	SECURITY ACCESS INTERCOM STATION	IR	SECURITY ACCESS PASSIVE INFRARED MOTION DETECTOR	REX	SECURITY ACCESS – REQUEST-TO-EXIT DETECTOR
CR	SECURITY ACCESS, CARD READER		SECURITY ACCESS, BIOMETRIC ACCESS CONTROL	D	SECURITY ACCESS – DOOR OPENER

GRAPHIC SYMBOLS
MATERIALS (CONT)

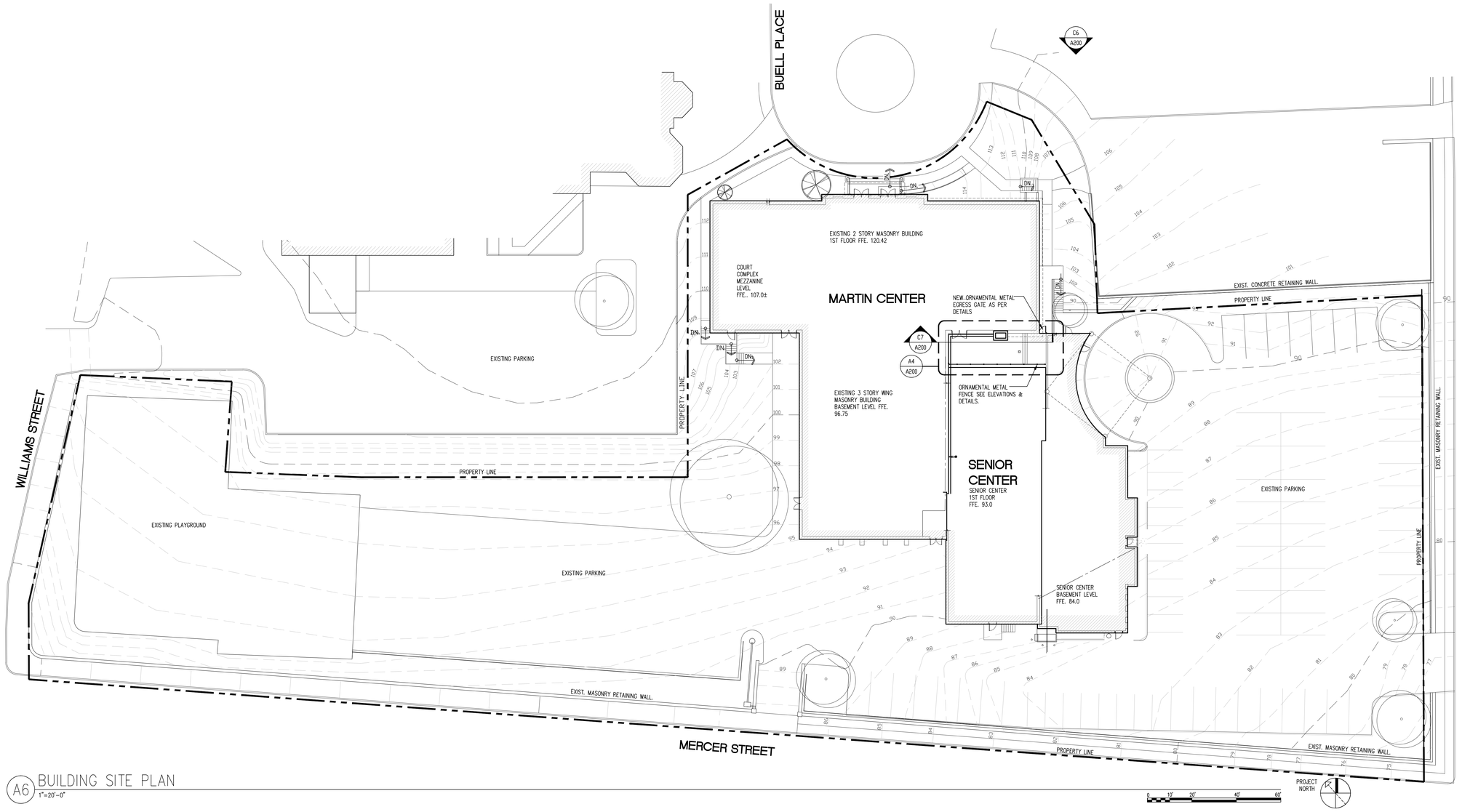
NEW CONCRETE OR PORTLAND CEMENT PLASTER	NEW GYPSUM PLASTER OR GYPSUM BOARD	NEW ACOUSTIC PANELS IN EXISTING SUSPENSION SYSTEM (existing suspension grid)
METAL (used where required for clarity)	ACOUSTIC PANEL OR TILE CEILING SYSTEM (suspension grid)	RUBBER OR PLASTIC (RESILIENT MATERIALS AND SPECIALTIES)
FINISH CARPENTRY OR ARCHITECTURAL WOODWORK (TRANSPARENT FINISH) –or– (used where required for clarity)	ACOUSTIC PANEL OR TILE CEILING SYSTEM (hatch used when regd to differentiate from other areas with new panels in existing suspension system)	TACK BOARDS OR FABRIC COVERED PANELS
GLASS OR MIRROR	EXISTING ACOUSTIC PANEL OR TILE CEILING SYSTEM (existing suspension grid)	

HATCH PATTERNS - DETAILS

CONCRETE	STRUCTURAL AND MISCELLANEOUS CARPENTRY, WOOD BLOCKING	RIGID INSULATION
CONCRETE UNIT MASONRY	LAMINATED VENEER LUMBER	BLANKET INSULATION
CLAY UNIT MASONRY, STONE, STONE TILE, CERAMIC TILE	EXTRUDED SHAPE: PLASTIC OR RUBBER (outline with solid gray hatch)	GLASS
IRON OR STEEL	FINISH WOOD SHAPES	GYPSUM BOARD
ALUMINUM	VENEER CORE PLYWOOD	PORTLAND CEMENT OR GYPSUM PLASTER (lath where applicable)
BRASS OR BRONZE	PARTICLE BOARD AND PARRTICLE CORE PLYWOOD	GYPSUM VENEER BOARD (veneer plaster, substrate)
EXTRUDED SHAPE: METAL (outline with solid black hatch)	MDF OR HDF SHEET, MDF OR HDF CORE PLYWOOD	ACOUSTIC PANELS
STRUCTURAL AND MISCELLANEOUS CARPENTRY, WOOD BLOCKING (single diagonal line indicates intermittent element	SOLID PVC SHEET AND SHAPES	

GRAPHIC SYMBOLS
MECHANICAL

T	ROOM THERMOSTAT		ROUND RETURN AIR DUCT PLAN–UP OR SECTION	D	EXPOSED DUCT – INCLINED DROP, IN DIRECTION OF



A6 BUILDING SITE PLAN
1"=20'-0"

GENERAL NOTES

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3. All corners are 90 degrees unless noted or dimensioned otherwise

SURVEY NOTE

EXISTING SITE SURVEY INFORMATION
(EXISTING CONTOURS, PAVED AREAS, SIDEWALKS, RETAINING WALLS, CURBS ETC.)
FROM SITE PLAN DRAWING C-1 FOR NEW LONDON SENIOR CITIZEN'S CENTER
DATED 4-1-1987 BARUN BASU ASSOCIATES ARCHITECTS

PROPERTY LINE LAYOUT FROM
BOUNDARY PLAN OF PROPERTY OF CITY OF NEW LONDON AND THE NORWICH CATHOLIC DIOCESAN CORP.
WILLIAMS STREET, BROAD STREET AND BUELL PLACE, NEW LONDON CT.
DATED JUNE 1980
DICESARE-BENTLEY-WELLING ENGRS. INC.
GROTON-NORWICH, CONNECTICUT

STRUCTURAL ENGINEER
Morrissey Engineering, LLC
58 Essex Street
Deep River, CT 06417
860-532-0312

MEP ENGINEER
HallamICS
575 West Street, Suite 220
Mansfield, MA 02048
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ROOFING CONSULTANT
M A CAPUTO | ASSOCIATES, LLC
ROOF & BUILDING ENVELOPE CONSULTANTS

PROJECT NAME
MARTIN CENTER ROOF REPLACEMENT

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NO.	DATE	REVISION
1	07/22/15	FOR CONSTRUCTION

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DRAWING TITLE
SITE PLAN

SHEET NUMBER
C101

PROJECT NUMBER
1418

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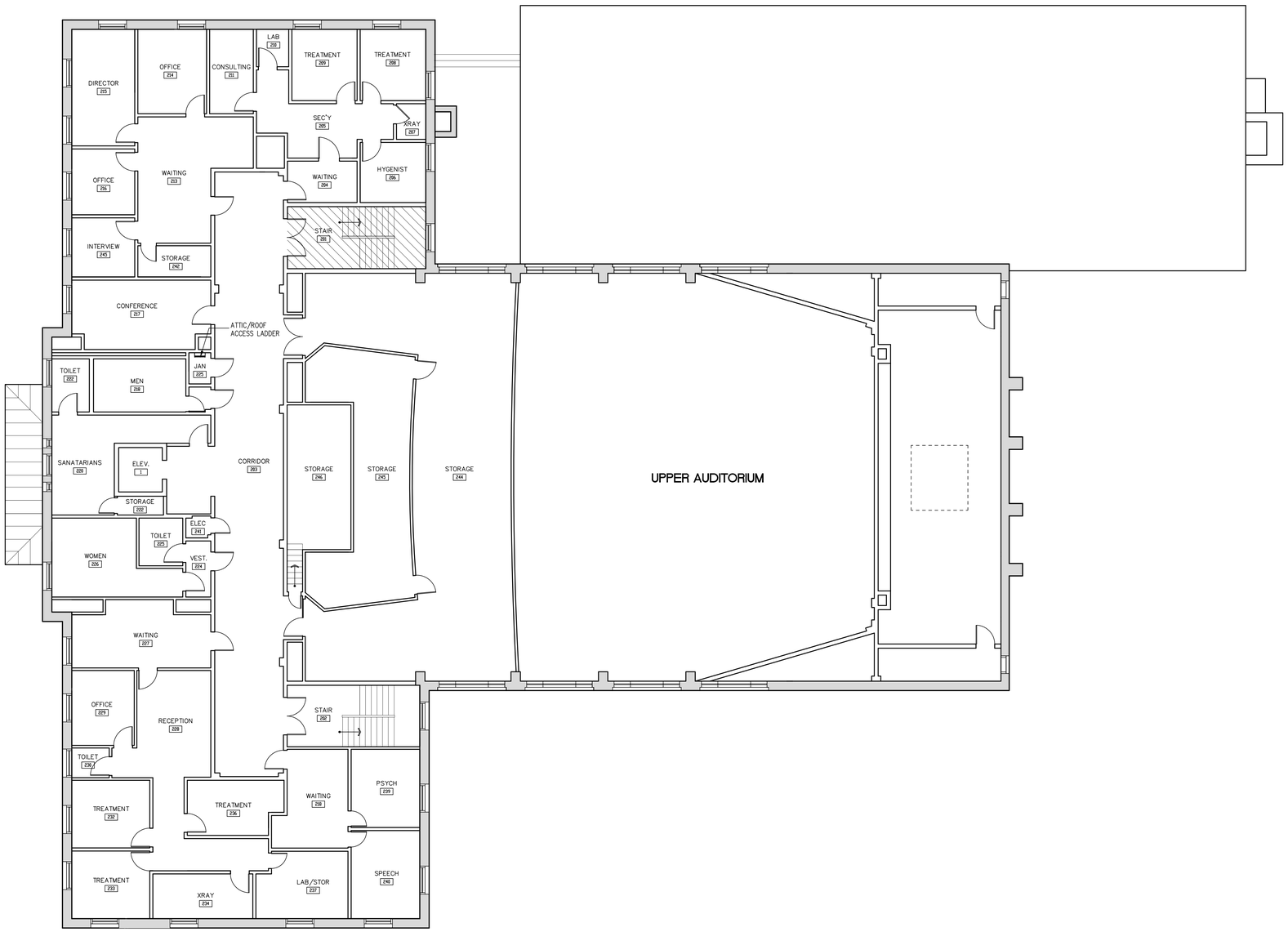

A6 SECOND FLOOR PLAN
1/8"=1'-0"

0 4' 8' 16' 24'

PROJECT NORTH

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LEGEND

PLASTER CEILING REPAIR REQUIRED DUE TO WATER LEAKAGE.

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NO.	DATE	REVISION
1	07/22/15	FOR CONSTRUCTION

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DRAWING TITLE
SECOND FLOOR PLAN

SHEET NUMBER
A100

PROJECT NUMBER
1418

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GENERAL NOTES

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EXISTING CONDITIONS KEY NOTES

- E1 EXISTING ACOUSTIC PANEL CEILING
- E2 EXISTING CEILING LEVEL CHANGE
- E3 EXISTING CEILING LEVEL CHANGE – GYPSUM BOARD BULKHEAD
- E4 EXISTING LUMINAIRE
- E5 EXISTING BEAM
- E6 EXISTING PAINTED CEILING

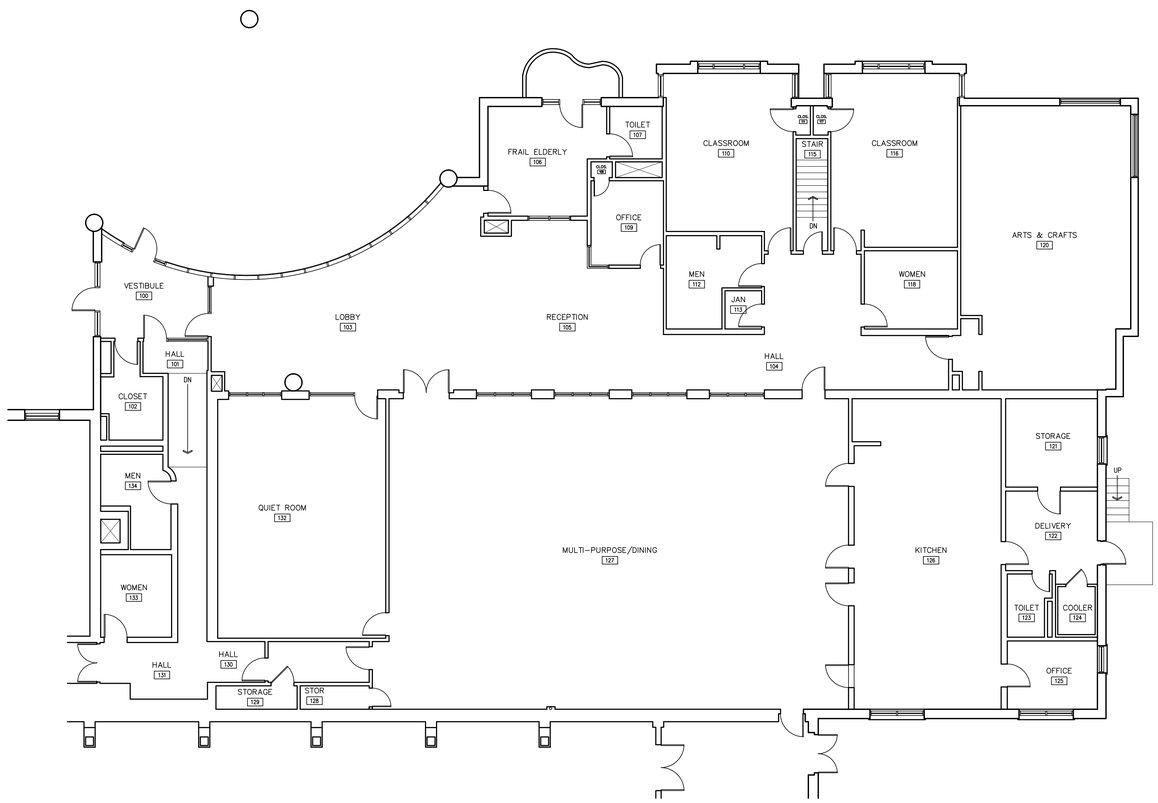
DEMOLITION KEYNOTES

- D1 REMOVE EXISTING RWL INCLUDING ALL RELATED FITTINGS, HANGERS ETC. SEE PLUMBING SHEET FOR FURTHER REQUIREMENTS

NEW WORK KEY NOTES

1. NEW RWL – EXPOSED – SEE PLUMBING SHEET FOR FURTHER REQUIREMENTS – PAINT TO MATCH EXISTING CEILING
2. NEW RWL – ABOVE EXISTING ACOUSTIC PANEL CEILING
3. PATCH, REPAIR AND PAINT CEILING AT ABANDONED PENETRATION AT REMOVED HANGERS ETC. AND AT DAMAGE RELATED TO EXISTING ROOF DRAIN AND RWL AND WHERE DAMAGED DURING THE EXECUTION OF THE WORK
4. REMOVE AND RE-INSTALL ACOUSTIC PANELS, REPLACE DAMAGED PANELS WITH NEW MATCHING EXISTING, REPLACE ANY DAMAGED GRID WITH MATCHING – FULL LENGTH PIECES ONLY
5. REMOVE AND REINSTALL LUMINAIRE IN NEW LOCATION – CIRCUITING TO REMAIN THE SAME
6. CUT, PATCH AND FIRESTOP – WALL PENETRATION FOR CONNECTION OF NEW TO EXISTING WORK THROUGH MASONRY WALL
7. CUT, PATCH, REPAIR AND PAINT BULKHEAD AT NEW AND REMOVED PIPE PENETRATIONS

A7 SENIOR CENTER MAIN FLOOR PARTIAL REFLECTED CEILING PLAN
1/8" = 1'-0"



A5 SENIOR CENTER MAIN FLOOR PLAN
1/8" = 1'-0"

PROJECT NORTH

Ownership and use of documents:

Drawings and specifications, as instruments of professional service, are and shall remain the property of the Architect. These documents are not to be used in whole or in part, for any other projects or purposes, or by any other parties, than those properly authorized by contract, without the specific written authorization of Christopher Williams Architects, LLC.

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NO.	DATE	REVISION
1	07/22/15	FOR CONSTRUCTION

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DRAWING TITLE
SENIOR CENTER - MAIN FLOOR PLAN AND PARTIAL REFLECTED CEILING PLAN

SHEET NUMBER
A101

PROJECT NUMBER
1418

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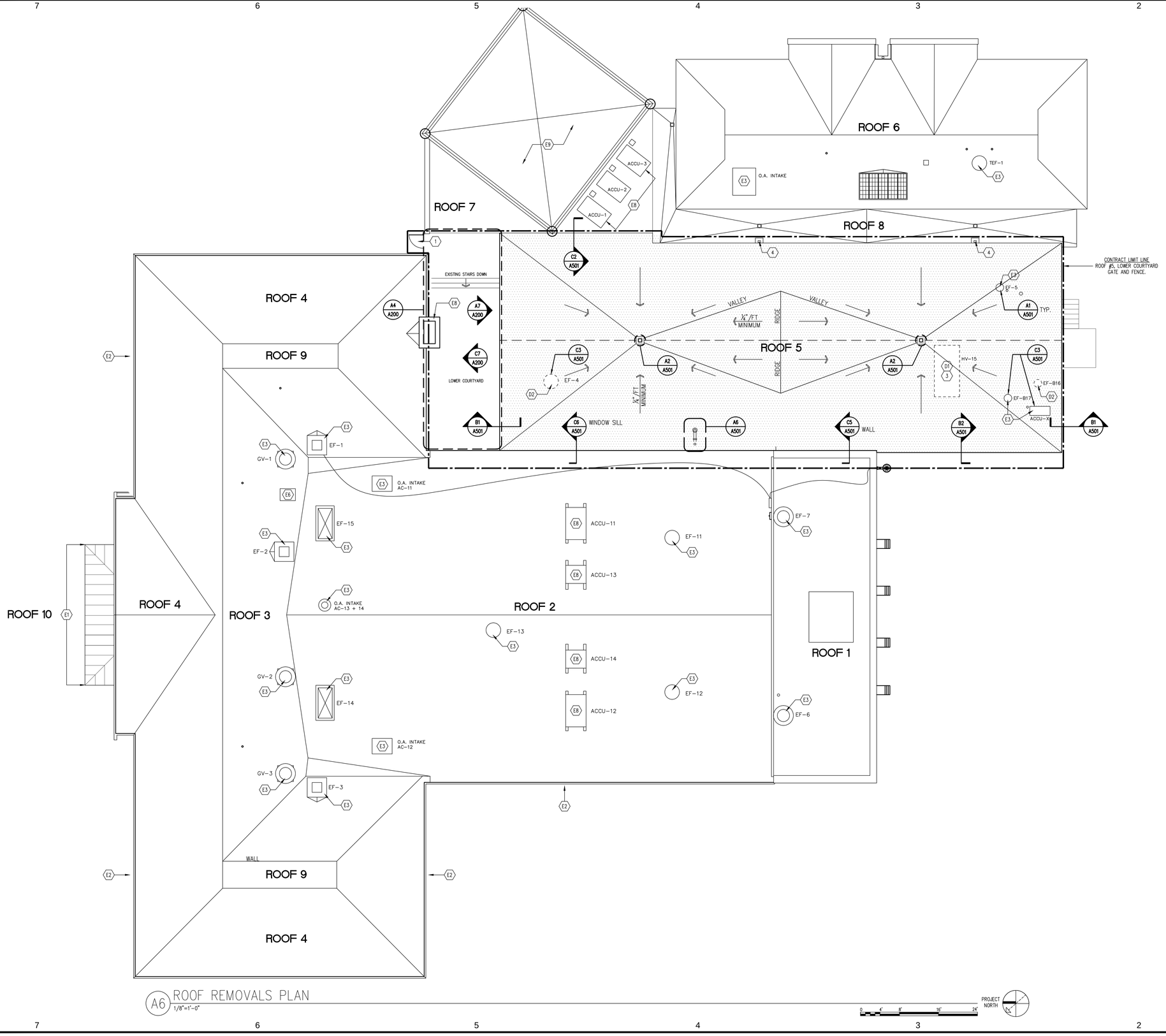

A6 ROOF REMOVALS PLAN
1/8"=1'-0"

PROJECT NORTH

0 4' 8' 16' 24'

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EXISTING CONDITIONS KEY NOTES

- E1 EXISTING FLAT SEAM COPPER ROOF.
- E2 EXISTING BUILT IN GUTTER.
- E3 EXISTING VENTS AND EXHAUST EQUIPMENT.
- E4 EXISTING ACCESS HATCH.
- E5 EXISTING SKYLIGHT.
- E6 EXISTING ROOF HATCH.
- E7 EXISTING HVAC EQUIPMENT.
- E8 EXISTING MASONRY CHIMNEY.
- E9 EXISTING KALWALL ROOFING SYSTEM.
- E10 EXISTING RAIN WATER LEADER INTO BUILDING.

DEMOLITION KEY NOTES

- D1 REMOVE ABANDONED HVAC UNIT.
- D2 REMOVE FAN. SEE MEP SHEET FOR DETAILS.
- D3 REMOVE ROOF DRAINS, ENLARGE OPENING AND PREP FOR NEW DRAIN BODY AND DECK PLATE. EXISTING RAIN WATER LEADERS TO REMAIN.

NEW WORK KEY NOTES

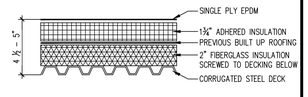
- 1 SELF CLOSING GATE.
- 2 SECURITY GATE TO RESTRICT ACCESS TO ROOF.
- 3 PATCH ALL OPENINGS WITH METAL DECK PER SPECIFICATIONS.
- 4 PROVIDE NEW SCUPPER AT NEW ROOF HEIGHT TO MATCH EXISTING.

ROOFING REMOVALS KEY

REMOVE EPDM ROOFING SYSTEM, ROOF UNDERLAYMENT, ASSOCIATED FLASHING, AND ALL FASTENERS DOWN TO ROOF DECK.

EXISTING ROOFING MATERIAL TO REMAIN.

EXISTING ROOFING CONDITIONS



ASBESTOS ABATEMENT

ROOF #	TESTING SAMPLE #	DESCRIPTION	APPROX. SQFT.
1,2 & 5	1-5	Glue Only – Rubber Membrane	12,853sqft
1-5	7-8	Hard Black Flashing Mastic around Penetrations, Edge of Roofs, and sidewalls	>100sqft

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DRAWING TITLE
ROOF PLAN

SHEET NUMBER
A102

PROJECT NUMBER
1418

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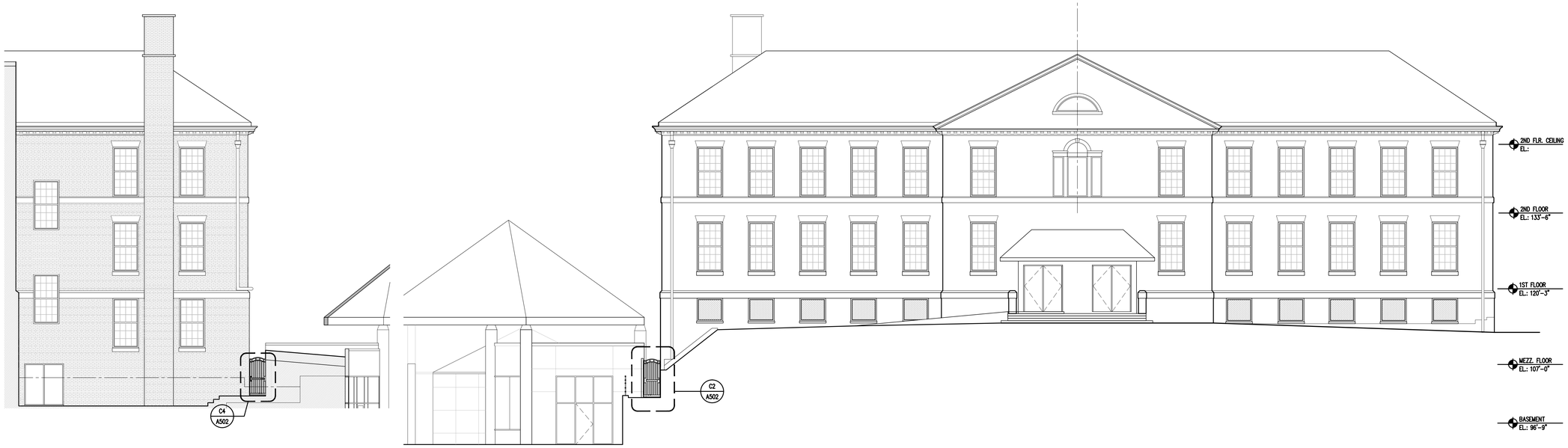
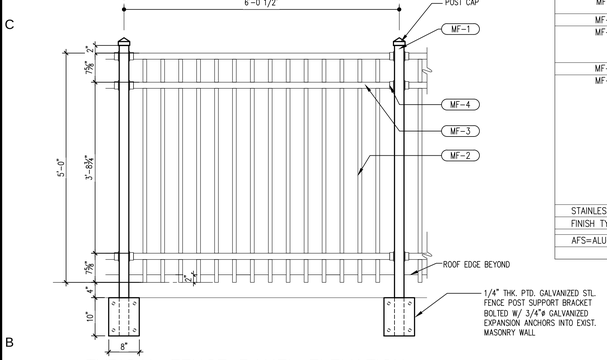


C7 GATE ELEVATION–LOOKING NORTH
1/8"=1'-0"

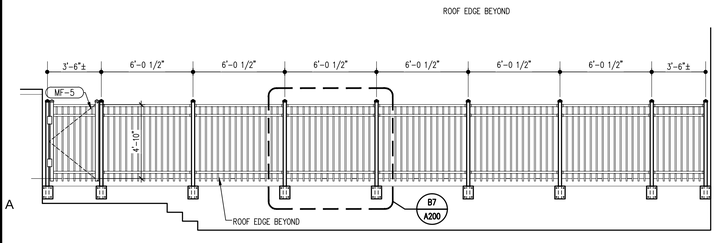
C6 NORTH ELEVATION/ GATE ELEVATION–LOOKING SOUTH
1/8"=1'-0"



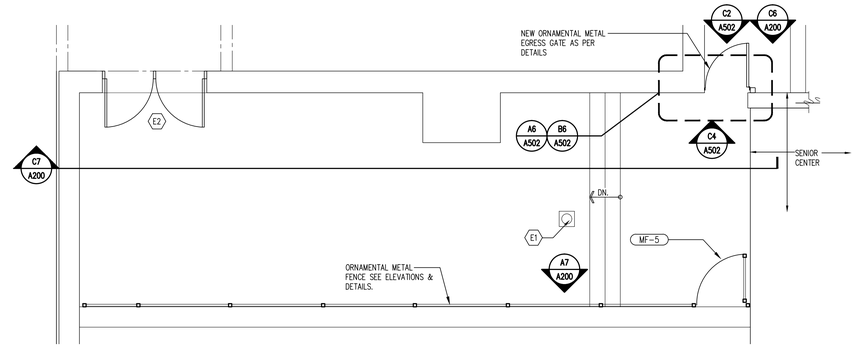
B7 TYPICAL FENCE PANEL ELEVATION
3/4"=1'-0"

METAL PRODUCTS SCHEDULE

PRODUCT IDENTIFIER	PRODUCT DESCRIPTION	MANUFACTURER	METAL	COLOR
MF-1	POSTS 2 1/2" SQ. x .100" W/POST CAP	AFS	6005-T5 ALUM.	BLACK
MF-2	PICKETS 1"SQ. x .062"	AFS	6005-T5 ALUM.	BLACK
MF-3	RAILS- 1 5/8" SQ. CHANNELS	AFS	6005-T5 ALUM.	BLACK
	1 5/8" x .070" TOP WALL	AFS	6005-T5 ALUM.	BLACK
	1 5/8" x .100" SIDE WALLS			
MF-4	BRACKET TO RECEIIVE RAILS TYP.	AFS	6005-T5 ALUM.	BLACK
MF-5	UAF 200 STANDARD WALK GATE	AFS	6005-T5 ALUM.	BLACK
	HORIZONTAL RAILS- 1 5/8" SQ.	AFS	6005-T5 ALUM.	BLACK
	1 5/8" x .070" TOP WALL			
	1 5/8" x .100" SIDE WALLS			
	INCLUDE:			
	TRU-CLOSE HINGES	AFS	6005-T5 ALUM.	BLACK
	4 3/4' GATE STOP	AFS	6005-T5 ALUM.	BLACK
	LOKKLATCH MAGNETIC/LOCKABLE LOCK CLASP FOR PADLOCK SECURED TO GATE/POST	AFS	6005-T5 ALUM.	BLACK
STAINLESS STEEL FASTENERS TYP.				
FINISH TYP. =POLYESTER TGIC POWDER COAT–BLACK				
AFS=ALUMINUM FENCE SPECIALISTS, LLC.–MANUFACTURED BY ULTRA MFG. INC. (ALUMINUMFENCE SPECIALISTS.COM)				



A7 FENCE ELEVATION LOOKING SOUTH
1/4"=1'-0"



A4 ENLARGED PLAN
1/4"=1'-0"

PROJECT NORTH

GENERAL NOTES

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3. All corners are 90 degrees unless noted or dimensioned otherwise

EXISTING CONDITIONS KEY NOTES

E1 EXISTING AREA DRAIN TO REMAIN.

E2 EXISTING EXIT DOORS.

STRUCTURAL ENGINEER
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MEP ENGINEER
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Tel: 508.821.9759 Fax: 508.821.9739

ROOFING CONSULTANT
M A CAPUTO | ASSOCIATES, LLC
ROOF & BUILDING ENVELOPE CONSULTANTS

PROJECT NAME
MARTIN CENTER ROOF REPLACEMENT

120 BROAD STREET
NEW LONDON, CT 06320

CWA
CHRISTOPHER WILLIAMS ARCHITECTS LLC
85 Willow Street New Haven, CT 06511
203 776 0184 cwarchitectsllc.com

NO.	DATE	REVISION
1	07/22/15	FOR CONSTRUCTION

ISSUE/REVISION

DRAWING TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A200

PROJECT NUMBER
1418

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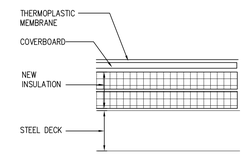
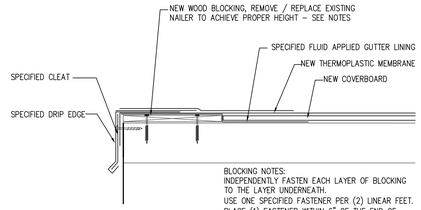
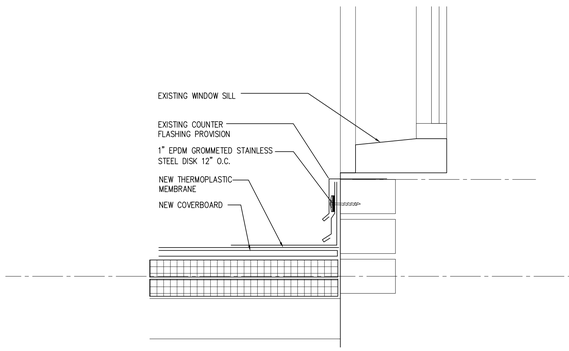


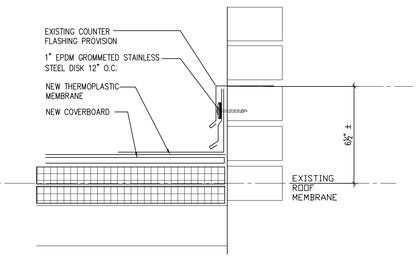
E2 NEW ROOFING ASSEMBLY (ROOF 5)
3"=1'-0"



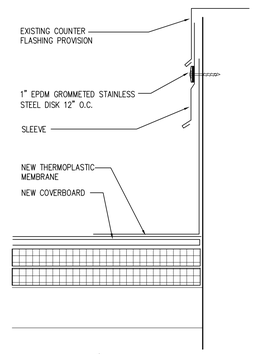
E1 DRIP EDGE
3"=1'-0"



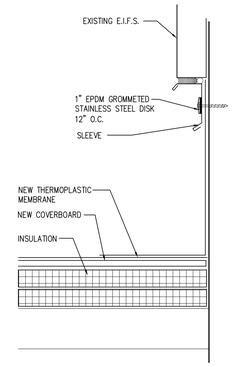
C6 WALL FLASHING EXIST. MASONRY WALL/WINDOW SILL
3"=1'-0"



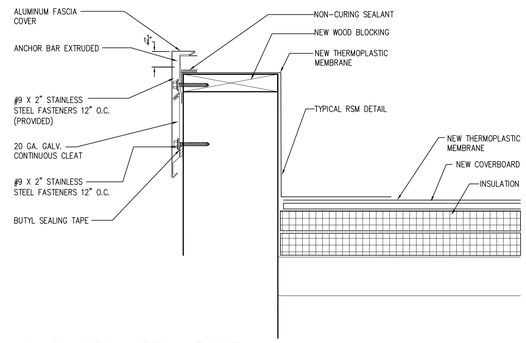
C5 WALL FLASHING EXIST. MASONRY WALL
3"=1'-0"



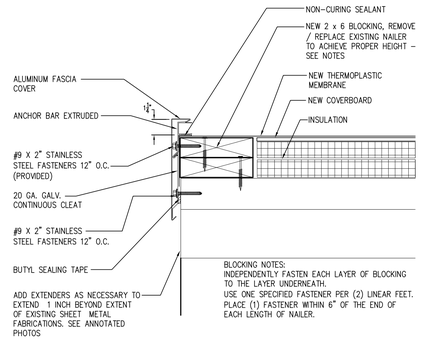
C3 EXTENDER/SLEEVE DETAIL ROOFS 5 & 7
3"=1'-0"



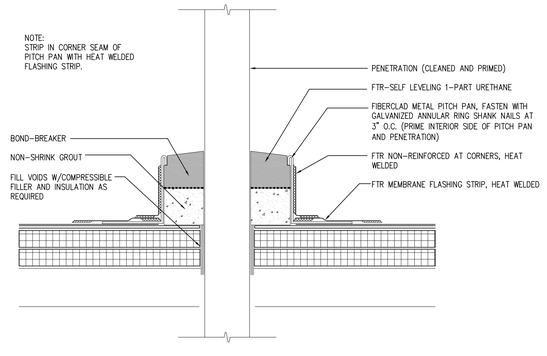
C2 E.I.F.S. FLASHING
3"=1'-0"



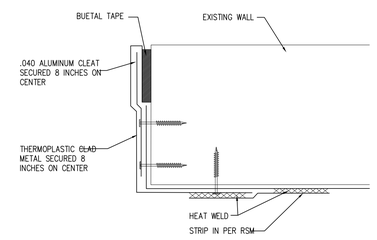
B4 RAISED METAL EDGE
3"=1'-0"



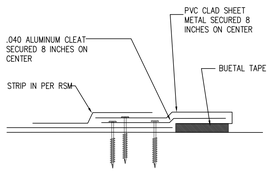
B1 METAL EDGE
3"=1'-0"



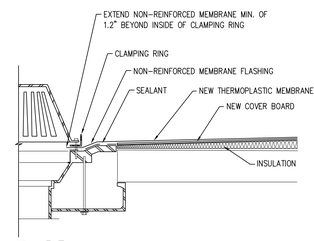
A6 PITCH PAN FLASHING
3"=1'-0"



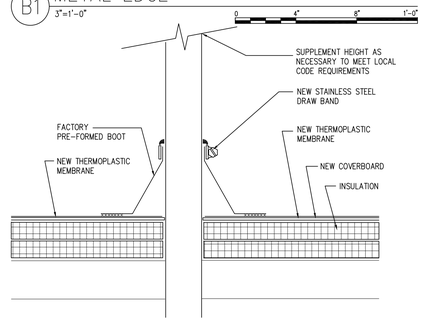
A4 CORNER CLOSURE
3"=1'-0"



A3 CLOSURE
3"=1'-0"



A2 DRAIN
3"=1'-0"



A1 PIPE PENETRATION
3"=1'-0"

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NO.	DATE	REVISION
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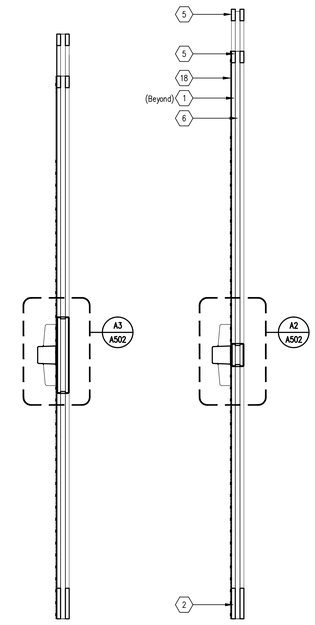
ISSUE/REVISION

DRAWING TITLE
THERMOPLASTIC ROOF DETAILS

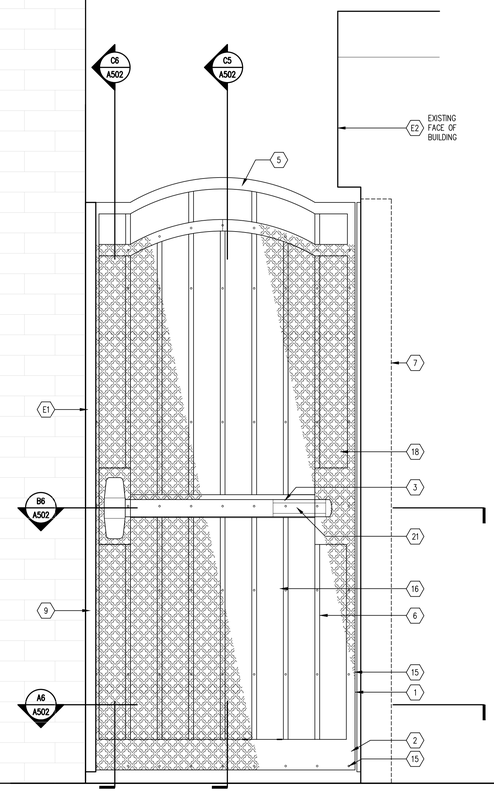
SHEET NUMBER
A501

PROJECT NUMBER
1418

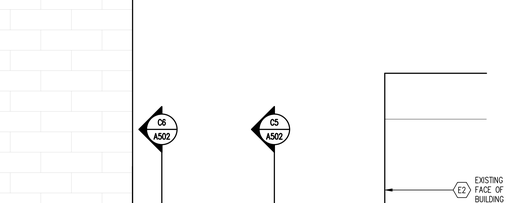


C6 GATE SECTION No.1
1 1/2" = 1'-0"

C5 GATE SECTION No.2
1 1/2" = 1'-0"

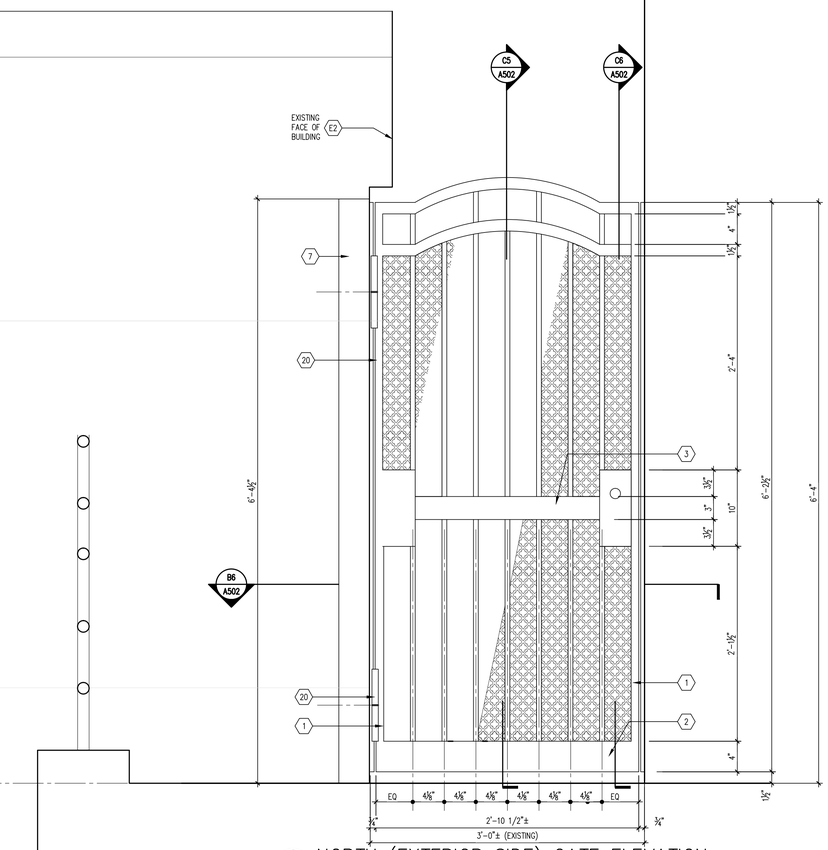


C4 SOUTH GATE ELEVATION
1 1/2" = 1'-0"

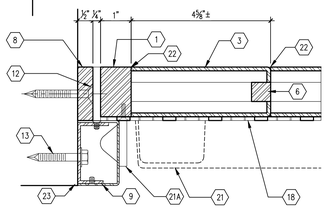


B6 GATE PLAN at LOCK RAIL
1 1/2" = 1'-0"

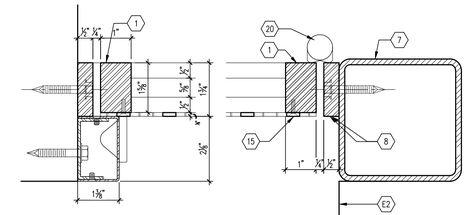
A6 GATE PLAN at 10-inches ABOVE THRESHOLD
1 1/2" = 1'-0"



C2 NORTH (EXTERIOR SIDE) GATE ELEVATION
1 1/2" = 1'-0"

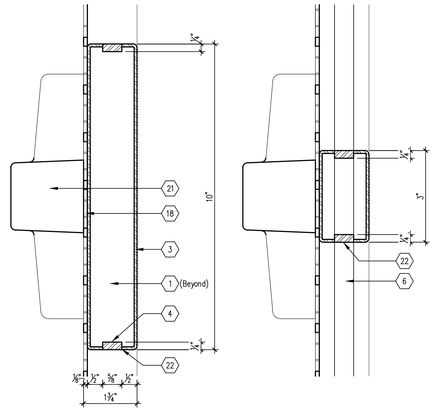


B5 LOCK RAIL PLAN DETAIL
6" = 1'-0"



A5 GATE STRIKE PLAN DETAIL
6" = 1'-0"

A4 GATE HINGE PLAN DETAIL
6" = 1'-0"



A3 LOCK RAIL 3-inches AT ENDS SECTION DETAIL
6" = 1'-0"

A2 LOCK RAIL SECTION DETAIL
6" = 1'-0"

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EXISTING CONDITIONS KEY NOTES

- E1 EXISTING MASONRY WALL
- E2 EXISTING EIFS WALL

NEW CONSTRUCTION KEY NOTES

1. GATE STILES: 1"X 1⅝" STEEL BAR
2. GATE BOTTOM RAIL: 4"X ½" STEEL
3. GATE LOCK RAIL: 12 GA STEEL
4. ⅝"X ¼" SPACERS
5. GATE TOP RAIL: FABRICATE FROM ½-INCH STEEL PLATE. NOTE THAT VERTICAL DIMENSION OF PLATE REMAINS 1-1/2 INCHES ACROSS ENTIRE LENGTH – TOP AND BOTTOM RADIUS IS THE SAME.
6. ⅝-INCH SQUARE STEEL BARS
7. HSS TUBE STEEL 4"X 4"X ¼".
8. 1¾"X ½" STEEL BARS MATCHING HEIGHT OF GATE, SCREWED TO EXISTING MASONRY.
9. GATE STOP, ON STRIKE SIDE ONLY – 14 GA STAINLESS STEEL
10. ANCHOR CLIP – 12 GA STAINLESS STEEL
11. STAINLESS STEEL FLAT HEAD SCREWS EQUALLY SPACED 8-INCHES O.C., 2-INCHES FROM EACH END.
12. TAPCON CONCRETE SCREWS: TCFS14214 ¼"X 2¾" STAINLESS STEEL FLAT COUNTERSUNK PHILLIPS SCREWS 8-INCHES O.C., 2-INCHES FROM EACH END.
13. TAPCON CONCRETE SCREWS: TCHS14134 ¼"X 1¾" STAINLESS STEEL HEX WASHER HEAD SCREWS 12-INCHES O.C., 2-INCHES FROM EACH END.
14. ⅝-INCH NO.10 STAINLESS STEEL FLAT HEAD MACHINE SCREWS 8-INCHES O.C., 2-INCHES FROM EACH END.
15. ½-INCH NO.10 STAINLESS STEEL FLAT HEAD MACHINE SCREWS SPACED AS SHOWN
16. 1-INCH NO.10 STAINLESS STEEL FLAT HEAD MACHINE SCREWS SPACED AS SHOWN: CENTER SCREWS AT CENTER OF INTERSECTION OF PERFORATIONS.
17. TUBULAR STEEL SPACER
18. ⅛-INCH PERFORATED STEEL SHEET FABRICATED BY ARCHITECTURAL GRILLE, BROOKLYN NEW YORK. PATTERN SIMILAR TO # 220 PATTERN SCALED FOR PATTERN REPEATS SHOWN.
19. CENTER PATTERN.
20. SELF CLOSING WELD-ON HINGES: PRODUCT NUMBER HN880 SOLD BY GATESPLUS WWW.GATESPLUS.COM.AU.
21. RIM EXIT DEVICE: SARGENT 8804, US 32D FINISH. DEVICE TO ACCEPT 7-PIN BEST CORE.
21A. RIM EXIT DEVICE STRIKE
22. WELD, GRIND SMOOTH.
23. SEALANT.

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ROOFING CONSULTANT
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CHRISTOPHER WILLIAMS ARCHITECTS LLC
85 Willow Street New Haven, CT 06511
203 776 0184 cwarchitectsllc.com

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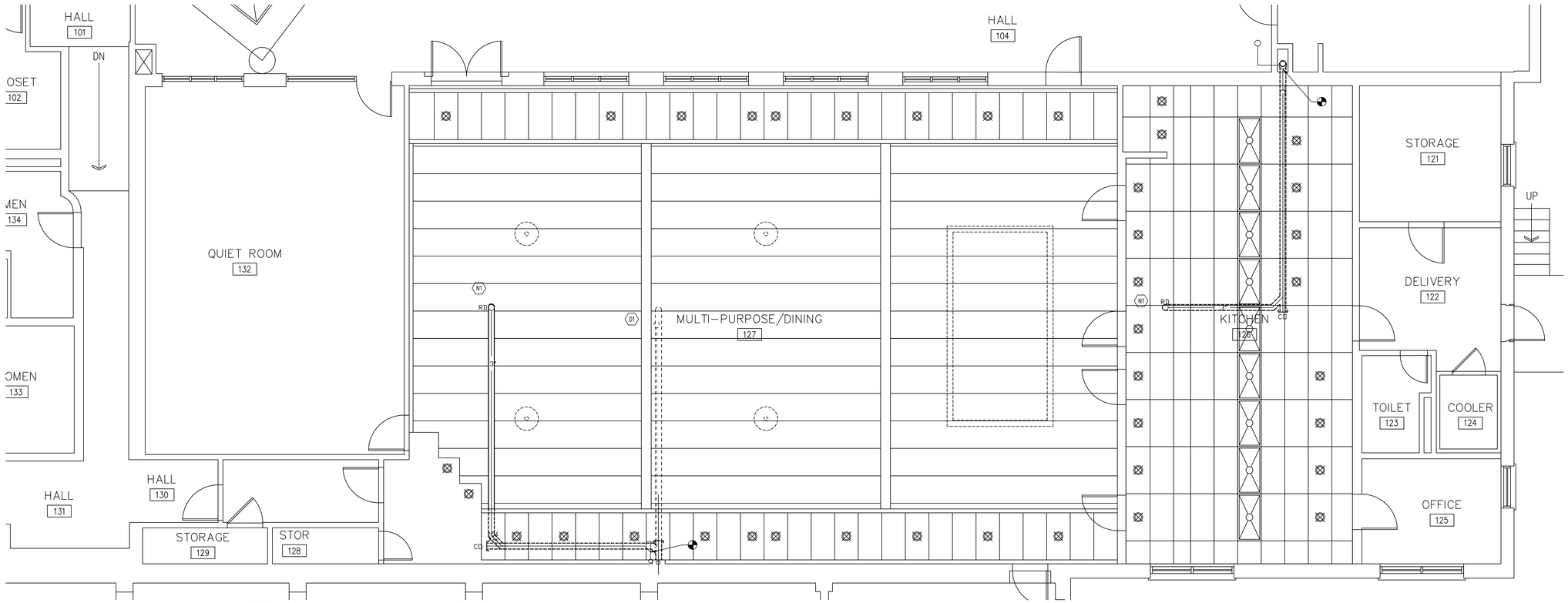
DRAWING TITLE
EXTERIOR GATE DETAILS

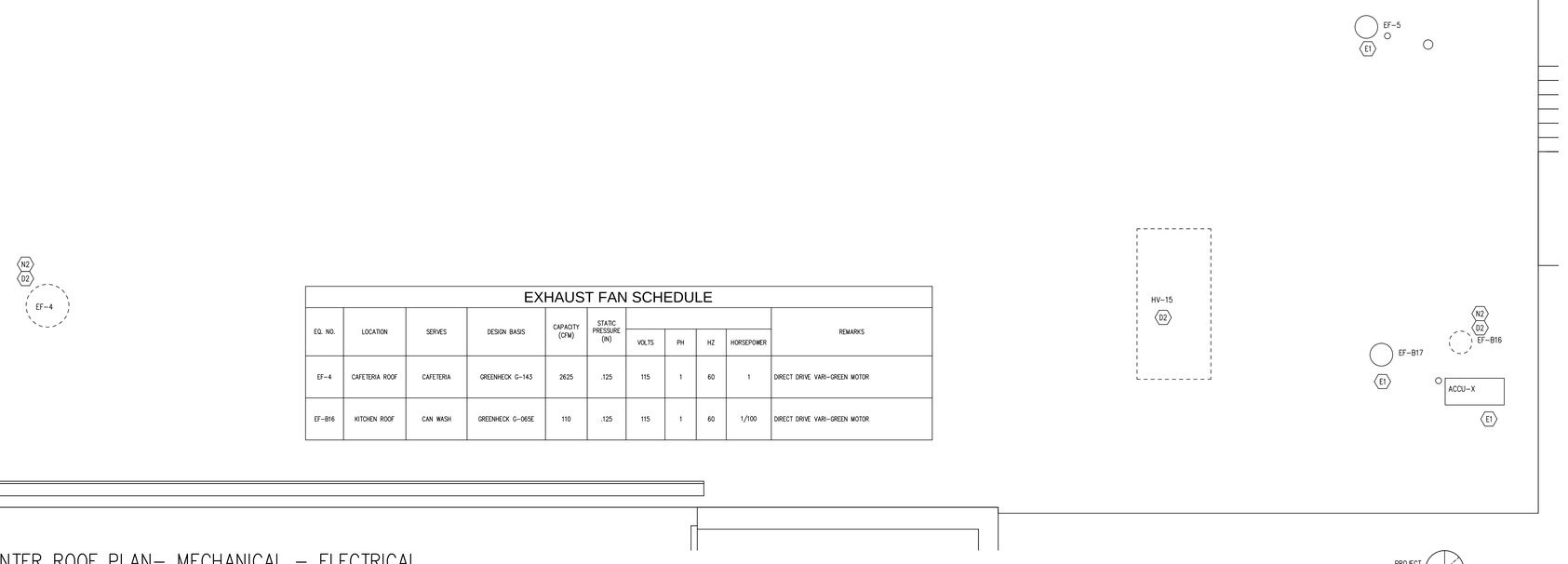
SHEET NUMBER
A502

PROJECT NUMBER
1418



C7 SENIOR CENTER DRAINAGE PLAN – FIRST FLOOR

1/4" = 1'-0"



EXHAUST FAN SCHEDULE

EQ. NO.	LOCATION	SERVES	DESIGN BASIS	CAPACITY (CFM)	STATIC PRESSURE (IN)	VOLTS	PH	HZ	HORSEPOWER	REMARKS
EF–4	CAFETERIA ROOF	CAFETERIA	GREENHECK G–143	2625	.125	115	1	60	1	DIRECT DRIVE VAR–GREEN MOTOR
EF–B16	KITCHEN ROOF	CAN WASH	GREENHECK G–065E	110	.125	115	1	60	1/100	DIRECT DRIVE VAR–GREEN MOTOR

A6 SENIOR CENTER ROOF PLAN– MECHANICAL – ELECTRICAL

1/4" = 1'-0"

PROJECT NORTH

0 4' 8' 16' 24'

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EXISTING CONDITIONS KEY NOTES

E1 EXISTING ROOFTOP EQUIPMENT SHALL BE ELECTRICALLY DISCONNECTED AS REQUIRED AND PHYSICALLY MOVED TO ACCOMMODATE ROOFING AND FLASHING.

DEMOLITION KEY NOTES

D1 DEMOLISH EXISTING ROOF DRAIN, PIPING, INSULATION AND HANGERS AS INDICATED.

D2 DEMOLISH EXISTING ROOFTOP EQUIPMENT. DISCONNECT ELECTRICAL SOURCE AND MAKE SAFE.

NEW WORK KEY NOTES

N1 INSTALL NEW ROOF DRAIN, AND DRAIN PIPING. CONNECT TO EXISTING STORM WATER DRAIN PIPING WHERE SHOWN.

N2 INSTALL NEW EXHAUST FANS, RECONNECT ELECTRICAL FEED. PROVIDE SERVICE DISCONNECTS WITH FANS.

PLUMBING SPECIFICATIONS

PROVIDE A COMPLETE ROOF DRAIN ASSEMBLY INCLUDING ALL APPURTENANCES REQUIRED FOR A COMPLETE INSTALLATION.

ROOF DRAINS: J.R. SMITH CO. #1010T 3" THREADED OUTLET, ALUMINUM DOME, AND UNDER DECK CLAMP TO SECURE IN PLACE.

ROOF DRAIN PIPING: SCH 40. PVC DWV SOLVENT WELD FITTINGS.

ROOF DRAIN PIPING INSULATION: 2" THICK GLASS FIBER; ANSI/ASTM C547; 'K' VALUE OF 0.24 AT 75 DEGREES F; NONCOMBUSTIBLE. OWENS–CORNING TYPE SSL–II WITH ASJ VAPOR BARRIER JACKET. PVC JACKETS ON FITTINGS.

HANGERS: ADJUSTABLE CLEVIS HANGERS WITH SADDLES FOR INSULATED PIPES.

EXECUTION: INSTALL ALL DRAIN PIPING WITH 1/8" PER 1' SLOPE IN THE DIRECTION OF FLOW. PROVIDE CLEANOUTS AT EVERY CHANGE IN DIRECTION GREATER THAN 45°.

PLUMBING LEGEND

- EXISTING WORK TO REMAIN
- EXISTING TO BE DEMOLISHED
- NEW WORK
- POINT OF CONNECT NEW TO EXISTING
- CO CLEAN OUT
- RD ROOF DRAIN
- PIPE RISE
- PIPE DROP
- 90° WYE FITTING WITH CLEANOUT

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DRAWING TITLE
SENIOR CENTER MEP PLAN

SHEET NUMBER
MEP101

PROJECT NUMBER
1418

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