CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY

MAYOR - JAMES F. KENNEY

MANAGING DIRECTOR - TUMAR ALEXANDER

COMMISSIONER OF PUBLIC PROPERTY - BRIDGET COLLINS-GREENWALD

COMMISSIONER OF FIRE DEPARTMENT - ADAM K THIEL

ENGINE 56 ENVELOPE RENOVATIONS

PROJECT NO. 13-18-4014-01

PHILADELPHIA FIRE DEPARTMENT - ENGINE 56
832 RHAWN STREET
PHILADELPHIA, PA 19111

CONSTRUCTION DOCUMENTS

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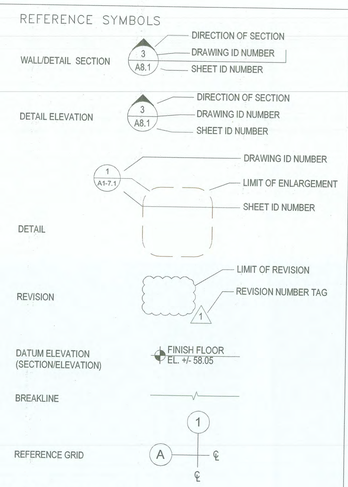
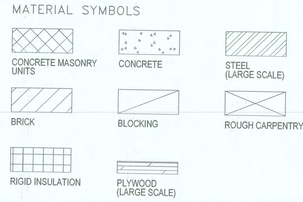
ABBREVIATIONS

A	ABV	ABOVE
	AFF	ABOVE FINISHED FLOOR
	ADJ	ADJUSTABLE
	AL(ALUM)	ALUMINUM
	APPROX	APPROXIMATE
	ARCH	ARCHITECTURAL
B	BTW	BETWEEN
	BLDG	BUILDING
	BLKG	BLOCKING
	BM	BEAM
	BO	BOTTOM OF
C	CJ	CONTROL JOINT
	CLR	CLEAR/ CLEARANCE
	CMU	CONCRETE MASONRY UNIT
	COL	COLUMN
	CONC	CONCRETE
	CONT	CONTINUOUS
D	DIA	DIAMETER
	DIM	DIMENSION
	DN	DOWN
	DTL	DETAIL
	DWG	DRAWING
E	EA	EACH
	EL	ELEVATION
	ELEC	ELECTRICAL
	EQ	EQUAL
	EQPM	EQUIPMENT
	ES	EXPOSED STRUCTURE
	EXG	EXISTING
	EXP	EXPOSED/EXPANSION
	EXT	EXTERIOR
F	FF	FACTORY FINISH
	FIN	FINISH(ED)
	FLG	FLASHING
	FLR	FLOOR(ING)
	FT	FOOT (FEET)
	F.O.	FACE/FRONT OF
G	GA	GAUGE
	GALV(GAL)	GALVANIZED
H	HM	HOLLOW METAL
	HOR	HORIZONTAL
	HR	HOUR
	HT	HEIGHT
	HVAC	HEATING/VENTILATION/ AIR CONDITIONING
I	INCL	INCLUDING
	INFO	INFORMATION
	INS	INULATE(D),(ION)
	INT	INTERIOR
J	JT	JOINT
L	LF	LINEAR FEET
M	MAS	MASONRY
	MAX	MAXIMUM
	MECH	MECHANIC(AL)
	MFR	MANUFACTURER
	MIN	MINIMUM
	MO	MASONRY OPENING
	MTD	MOUNTED
	MTL	METAL
N	N	NORTH
	NA	NOT APPLICABLE
	NIC	NOT IN CONTRACT
	NOM	NOMINAL
	NTS	NOT TO SCALE
O	OC	ON CENTER
	OH	OPPOSITE HAND
	OPP	OPPOSITE
	OTLN	OUTLINE
P	PNL	PANEL
	PNT	PAINT(ED)
	P. T.	PRESSURE TREATED
	PT	POINT
	PV	PIPE VENT
	PLYWD	PLYWOOD
R	RAD	RADIUS
	REF	REFER TO, REFERENCE
	REQ'D	REQUIRED
	REV	REVISION, REVISE(D)
	RM	ROOM
	RO	ROUGH OPENING
	RWC	RAIN WATER CONDUCTOR
S	SIM	SIMILAR
	SSTL	STAINLESS STEEL
	STN	STAIN(ED)
	STL	STEEL
	STRUC	STRUCTURAL
	SUSP	SUSPENDED
T	TO	TOP OF
	THK	THICK(NESS)
	TYP	TYPICAL
U	UNO	UNLESS NOTED OTHERWISE
V	VAR	VARIES/VARIOUS
	VIF	VERIFY IN FIELD
W	W/	WITH
	W/O	WITHOUT
	WD	WOOD
X	XPS	EXTRUDED POLYSTYRENE

REFERENCE SYMBOLS



MATERIAL SYMBOLS



GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. THE SCOPE OF WORK FOR THIS PROJECT IS DEFINED BY THE DRAWINGS AND SPECIFICATIONS; REFERENCE TO BOTH IS REQUIRED.
3. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO THE START OF CONSTRUCTION.
4. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, CODES AND ORDINANCES.
5. CONTRACTOR SHALL CONFIRM, LOCATE AND COORDINATE WORK WITH HIDDEN MECHANICAL, PLUMBING AND ELECTRICAL CONDITIONS.
6. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS ON THE JOB SITE. IF EXISTING CONDITIONS DO NOT PERMIT INSTALLATION OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS, NOTIFY THE DESIGN PROFESSIONAL IMMEDIATELY.
7. UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS AS BEING NIC, ALL ITEMS, MATERIALS, ETC. AND INSTALLATION OF SAME ARE A PART OF THE CONTRACT WORK.
8. THE DRAWINGS AND SPECIFICATIONS CONTAIN THE REQUIREMENTS FOR THE WORK. KNOW AND UNDERSTAND THE DRAWINGS AND SPECIFICATIONS. REFER TO THE SPECIFICATIONS FOR THE REQUIREMENTS OF THE WORK AND THE CONTRACT. REFER TO THE DRAWINGS FOR THE ASSEMBLY OF THE MATERIALS, REPLACEMENTS, AND REPAIRS.

LOCATION PLAN

N
PROJECT NORTH

DRAWING LIST

CS-1	COVER SHEET
A0.1	SCOPE OF WORK LEGEND
A2.0	FLOOR PLANS
A3.0	EXTERIOR ELEVATIONS
A8.0	EXTERIOR DETAILS AND DIAGRAMS

PROJECT APPROVED

COMMISSIONER/DEPARTMENT OF PUBLIC PROPERTY

DEPUTY COMMISSIONER/DEPARTMENT OF PUBLIC PROPERTY

PROJECT DIRECTOR/DEPT OF PUBLIC PROPERTY/CAPITAL PROJECTS DIVISION

ART COMMISSION

HISTORICAL COMMISSION

SEALS

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1401 JFK BOULEVARD
7TH FLOOR, CITY HALL
PHILADELPHIA PENNSYLVANIA

PROJECT NO. 13-18-4014-01	DRAWING NO. CS-1
DATE 10/1/2021	
SCALE NO SCALE	
DRAWN BY KC	
CHECKED BY TW	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

SCOPE OF WORK LEGEND

GENERAL AND SCOPE OF WORK NOTES (NOT KEYED IN DWGS)

ID	DESCRIPTION
1	REPRESENTATIVE DETAILS, PROFILES, AND DIMENSIONS NOTED ARE APPROXIMATE. FIELD VERIFY CONDITIONS, DIMENSIONS, AND ASSEMBLIES.
2	DETAILS SHOWN ARE INTENDED FOR SPECIFIC LOCATIONS AND CONDITIONS. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT SIMILAR CONDITIONS AND SHALL BE CONSIDERED PART OF THE WORK.
3	CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE EXISTING BUILDING DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING BUILDING, SITE, AND EQUIPMENT DURING CONSTRUCTION, INCLUDING DAMAGE FROM THE ELEMENTS. CONTRACTOR SHALL REPAIR ANY DAMAGE IMMEDIATELY AND TO THE SATISFACTION OF THE OWNER.
4	WINDOW REMOVEL AND REPLACEMENT IS N.I.C. EXG WINDOWS SHALL BE REMOVED/REPLACED UNDER SEPARATE CONTRACT BY SEPARATE CITY CONTRACTOR, CONCURRENT WITH THIS PROJECT. CONTRACTOR TO COORDINATE SCHEDULE AND WORK WITH WINDOW CONTRACTOR.
5	NORTH ELEVATION / APPARATUS ENTRY: AT LEAST (1) OVERHEAD OPENING AT THE NORTH (RHAWN ST) ELEV MUST REMAIN CLEAR AND OPEN FOR EMERGENCY VEHICLES THROUGHOUT CONSTRUCTION. GC TO COORD SCAFFOLDING LOCATIONS AND SCHEDULE W/ OWNER.

SCOPE OF WORK NOTES (GENERAL)

ID	DESCRIPTION
G1	MORTAR: • REPOINT 100% OF MORTAR JOINTS • REMOVE/GRIND OUT EXG MORTAR TO UNIFORM DEPTH 3/4" MIN BACK TO SOUND MATERIAL. • REPOINT W/ NEW MORTAR; SEE SPECS FOR DETAILS
G2	EXTERIOR CLEANING: • CLEAN 100% OF EXG BRICK AND LIMESTONE (COPING, SURROUNDS, BANDS, BASE, CHIMNEY CAP); SEE SPEC FOR DETAILS. • SEE EXG MOCKUP AREA FOR LEVEL OF CLEANING BENCHMARK. • CLEAN EXG GRANITE BASE W/ LIGHT DETERGENT AND WATER. • LOW-PRESSURE WATER APPLICATION ONLY.
G3	MISC WALL-MOUNTED EQPM: • WHERE WALL-MOUNTED EQPM IS TO REMAIN, REMOVE AND RESEAL AROUND WALL PENETRATIONS.

SCOPE OF WORK NOTES (KEYED IN DWGS)

ID	DESCRIPTION	QTY	REFERENCE DETAIL
CN-1	LIMESTONE COPING REMOVE, RESET, AND REPOINT 100% OF LIMESTONE COPING • CAREFULLY REMOVE EXG COPING STONES AND STORE FOR RE-INSTALLATION. PROTECT ALL EXG ROOF SURFACES DURING WORK WITH PLYWD SHEATHING OR APPROVED ALT. MATERIAL. • CLEAN LIMESTONE COPING STONES PRIOR TO REINSTALLATION. SEE SPEC FOR CLEANING SCOPE. • CLEAN WALL AREAS AS NECESSARY TO PREPARE FOR NEW CAP FLASHING INSTALLATION. • PROVIDE CONTINUOUS SSTL CAP FLASHING (304, 28GA). EXTEND NEW CAP FLASHING ACROSS FULL WIDTH OF PARAPET WALL. TERMINATE OUTSIDE EDGE FLUSH W/ EXTERIOR F.O. STONE AND ROOF SIDE EDGE W/ A 3/4" HEM BEND. SET OUTSIDE EDGE OF FLASHING IN CONT. BEAD OF MASTIC. • MODIFY EXG COPPER FLASHING AT ROOF TERMINATION AS REQ'D TO FACILITATE NEW CAP FLASHING INSTALLATION. HEM BEND OF NEW CAP FLASHING TO FLASH OVER EXG COPPER FLASHING TO REMAIN. • SET WEEP MATERIAL ON FLASHING IN A CONT. BELT ALIGNED W/ THE OUTSIDE EDGE AND LEGS EXTENDING TOWARD THE ROOF. • PLACE FULL BED OF MORTAR ACROSS WEEP MATERIAL AND FLASHING AND INSTALL COPING STONES INTO MORTAR BED. • PIN COPING STONES ENDS TO END. DRILL 7/16" X 3" LONG HOLES INTO CENTER OF ENDS OF 8" LIMESTONE CAP. INSTALL 3/8" X 6" LONG A304 SSTL SMOOTH DOWEL INTO ADJACENT STONES AND GROUT FACE JOINT. • TOOL BED JOINT TO MATCH EXG AND LIGHTLY SCORE WEEP LEGS AT FACE OF WALL WHILE MORTAR IS STILL PLASTIC. • PROVIDE NEW MORTAR JOINTS AT COPING STONE HEAD AND SKYWARD FACING JOINTS.	100% OF COPING SEE DWGS FOR LF	3/A8.0
	BRICK CRACK REPAIR (LARGER THAN 1/16" HAIRLINE) - GENERAL • SEE ELEVATION DWGS FOR GENERAL CRACK LOCATIONS; SEE NOTES CN-2 AND CN-3 BELOW FOR DESCRIPTION OF REPAIR WORK • UNIT OF MEASUREMENT (LF) REFERS TO APPROX. LENGTH OF CRACKING PER FACADE. SEE REPAIR DIAGRAM AND NOTES BELOW FOR EXTENT OF WORK IN REPAIR AREA. • CONTRACTOR TO PROVIDE UNIT PRICE FOR CRACK REPAIR (SEE SPECS).		
CN-2	BRICK CRACK REPAIR (NORTH AND NORTHEAST ELEV ONLY) REMOVE AND REPLACE CRACKED BRICK • WHERE SPALLING OR CRACKING LARGER THAN 1/16" HAIRLINE OCCURS THROUGH BRICK (NOT AT JOINTS), CAREFULLY REMOVE CRACKED BRICK AND ADJACENT BRICKS AS SHOWN, SALVAGING UNDAMAGED BRICK UNITS WHERE POSSIBLE. CLEAN AND STORE BRICKS FOR REUSE. • REMOVE ENTIRE UNITS FROM JOINT TO JOINT WITHOUT DAMAGING SURROUNDING MASONRY IN A MANNER THAT PERMITS REPLACEMENT WITH FULL-SIZE UNITS. • SUPPORT AND PROTECT REMAINING MASONRY AND WALL COMPONENTS SURROUNDING AREA OF REMOVAL. • INSTALL SALVAGED AND/OR NEW BRICK UNITS (TO MATCH) TOOTHED INTO EXG WALL. BONDING AND COURSING PATTERN TO MATCH EXG. • ANCHOR REPLACEMENT BRICK AREAS WITH HELIFIX OR SPIRALOK TIES AT MAX. 2 SF (4" HORIZONTAL SPACING ON BOTH SIDES FROM CENTER OF CRACK LINE, 16" VERTICAL SPACING) • SEE MORTAR REPOINTING NOTES. NORTHEAST PIER ONLY • REMOVE EXG MTL GATE HINGES • TEMPORARILY REMOVE AND SALVAGE EXG LIMESTONE CAP, CLEAN CAP BEFORE REINSTALLATION • REBUILD END OF EXG BRICK PIER	NORTH 226LF NORTHEAST 25LF PIER 8SF	1/A8.0
CN-3	BRICK CRACK REPAIR (NORTH AT ROOF, SOUTH, WEST, EAST ELEV ONLY) CRACKED BRICK TO REMAIN IN PLACE, NEW MORTAR IN CRACKS • REMOVE/GRIND OUT EXG MORTAR OR SEALANT INFILL IN CRACKED BRICK. • PREP EDGES OF BRICK AT CRACKS TO PROVIDE CONSISTENT EDGE. • PROVIDE NEW MORTAR IN CRACKS (SEE MORTAR REPOINTING NOTES). • ANCHOR BRICK AREAS WITH HELIFIX OR SPIRALOK TIES AT MAX. 2 SF (4" HORIZONTAL SPACING ON BOTH SIDES FROM CENTER OF CRACK LINE, 16" VERTICAL SPACING)	SOUTH 80LF WEST 146LF EAST 138LF NORTH AT ROOF 47LF	
CN-4	WINDOW LINTELS: REPLACE OUTER LINTELS AT WINDOW OPENINGS • REMOVE EXG BRICK/LIMESTONE HEADER • REMOVE EXG BRICK ABOVE HEADER AS REQ'D TO INSTALL NEW THRU-WALL FLASHING (ASSUME 3 WYTHES MIN). SUPPORT EXG BRICK ABOVE OPEN AREAS. • INSTALL NEW GALV STL LINTEL. PROVIDE PROTECTIVE COATING FINISH. • CLEAN AREAS AS NECESSARY TO PREP FOR NEW FLASHING SYSTEM INSTALL. • CUT A CONTINUOUS REGLET 1-1/2" MIN IN EXG BED JOINT OF BACK-UP BRICK. • PROVIDE NEW 2-PIECE CONT. S.S. FLASHING (304, 28GA). LAP VERT FLASHING LEGS 3" MIN AND SEAL W/ CONT SEALANT. TURN UP/END DAM FLASHING 2" MIN AT ENDS OF LINTEL. END DAMS SHALL BE OF BENT METAL AND/OR HAVE SOLDERED SEAMS. SET FLASHING IN CONT. BEAD OF MASTIC. • RESET SALVAGED OR NEW BRICK/LIMESTONE TO MATCH EXG AND CONFIGURATION. • SEE MORTAR REPOINTING NOTES. PROVIDE FULL DEPTH HORIZ AND VERT MORTAR JOINTS.	100% OF LINTELS SEE DWG A8.0 FOR LINTEL SCHEDULE	2/A8.0
CN-5	DOOR LINTELS: REPLACE OUTER LINTELS, REPLACE CRACKED BRICK JAMBS • TEMPORARILY REMOVE EXG LIGHTING ABV DOOR; REINSTALL AFTER COMPLETION OF WORK. • REMOVE AND SALVAGE EXG BRICK HEADER • REMOVE AND SALVAGE EXG BRICK ABOVE HEADER AS REQ'D TO INSTALL NEW THRU-WALL FLASHING (ASSUME 3 WYTHES MIN). SUPPORT EXG BRICK ABOVE OPEN AREAS. • REMOVE AND REPLACE CRACKED BRICK AT TOP OF JAMBS (16" MIN) • INSTALL NEW GALV STL LINTEL. PROVIDE PROTECTIVE COATING FINISH. • CLEAN AREAS AS NECESSARY TO PREP FOR NEW FLASHING SYSTEM INSTALL. • CUT A CONTINUOUS REGLET 1-1/2" MIN IN EXG BED JOINT OF BACK-UP BRICK. • PROVIDE NEW 2-PIECE CONT. S.S. FLASHING (304, 28GA). LAP VERT FLASHING LEGS 3" MIN AND SEAL W/ CONT SEALANT. TURN UP/END DAM FLASHING 2" MIN AT ENDS OF LINTEL. END DAMS SHALL BE OF BENT METAL AND/OR HAVE SOLDERED SEAMS. SET FLASHING IN CONT. BEAD OF MASTIC. • RESET SALVAGED OR NEW BRICK/LIMESTONE TO MATCH EXG AND CONFIGURATION. • SEE ABOVE FOR MORTAR. PROVIDE FULL DEPTH HORIZ AND VERT MORTAR JOINTS. • SEE DWG. A8.0 FOR LINTEL SCHEDULE.	100% OF LINTELS SEE DWG A8.0 FOR LINTEL SCHEDULE	2/A8.0 SIM
CN-6	PARAPET/VERTICAL WALLS AT ROOF: • AT EXPOSED FACE OF MASONRY ON ROOF SIDE PARAPET WALLS, COMPLETELY REMOVE ALL PREVIOUS COATINGS, SEALANTS, AND DEBRIS. • PREP WALL TO RECEIVE NEW COATING PER MFR'S REQ. APPLY NEW BREATHABLE MASONRY COATING TO EXPOSED BRICK. • REPOINT EXG MORTAR JOINTS (SEE MORTAR NOTES). • GRIND OUT/REMOVE SEALANT JOINT AT EXG MTL FLASHING TO REMAIN. PROVIDE NEW CONT. SEALANT.	SEE DWGS FOR QTY	
CN-7	VERTICAL WALLS AT ROOF: • GRIND OUT/REMOVE SEALANT JOINT AT EXG MTL FLASHING TO REMAIN. PROVIDE NEW CONT. SEALANT.	SEE DWGS FOR QTY	
CN-8A	LIMESTONE CRACKS/CHIPPING/HOLES: • ONLY SPECIFIC LOCATIONS ARE KEYED ON ELEVATIONS. QTY INCLUDES KEYED LOCATIONS AND ASSUMED SF OF ADDITIONAL REPAIR. • EXG LIMESTONE TO REMAIN IN PLACE; PROVIDE PATCHING COMPOUND TO MATCH EXG. • AT CHIPPED CORNERS AND EDGES, PROVIDE DUTCHMAN REPAIR AND PATCHING COMPOUND TO MATCH EXG. • CONTRACTOR TO PROVIDE UNIT PRICE (SEE SPECS).	10% OF LIMESTONE SF PER ELEVATION 20% EAST ELEV ONLY	
CN-8B	BROKEN LIMESTONE UNITS: • TYPICAL UNITS ARE APPROX 44"L X 8"H (VIF) • REMOVE UNIT. PROVIDE DUTCHMAN AND MECHANICAL REPAIR WITH SSTL PINS AND GROUT. PROVIDE PATCHING COMPOUND TO MATCH EXG AND REINSTALL. • CONTRACTOR TO PROVIDE UNIT PRICE (SEE SPECS).	3 UNITS	
CN-9	OUT OF PLANE WALLS: (SEE ELEV FOR LOCATIONS) REPAIR WALL TO REALIGN W/ ADJACENT BRICK AND PARAPET • REMOVE OUTER WYTHE OF FACE BRICK DOWN TO EXG LIMESTONE BAND, SALVAGING SOUND BRICK FOR REINSTALLATION. • PREP BACK-UP BRICK WALL TO PROVIDE FLUSH CONDITION W/ REINSTALLED COPING. • REINSTALL SALVAGED OR NEW BRICK TO MATCH, PROVIDING RETROFIT WALL TIES SPACED AT ONE TIE PER 2 SF OF WALL SURFACE. • SEE MORTAR NOTES. • CONTRACTOR TO PROVIDE UNIT PRICE (SEE SPEC)	EAST 32SF WEST 104SF	
CN-9A	OUT OF PLANE WALLS AT ROOF: ON BACKSIDE OF PARAPET WALL AT ROOF, REPAIR WALL TO REALIGN W/ ADJACENT BRICK AND PARAPET • REMOVE TOP TWO COURSES OF FACE BRICK UNDER THE LENGTH OF (1) COPING. • PREP BACK-UP BRICK WALL TO PROVIDE FLUSH CONDITION W/REINSTALLED COPING. • REINSTALL SALVAGED OR NEW BRICK TO MATCH, PROVIDING RETROFIT WALL TIES SPACED AT ONE TIE PER 2 SF OF WALL SURFACE. • SEE MORTAR NOTES.	SEE DWGS FOR QTY	
CN-10	INTERIOR GLAZED TILE AT WINDOW HEADS - DISPLACED RESET DISPLACED GLAZED TILE • TEMPORARILY REMOVE EXG WINDOW SHADES; REINSTALL WHEN WORK IS COMPLETE • REMOVE AND SALVAGE (1) ROW OF EXG GLAZED TILE AT UNDERSIDE OF WINDOW HEAD • PREP SUBSTRATE TO PROVIDE A FLUSH CONDITION FOR REINSTALLATION. • RE-ATTACH SALVAGED TILES IN MORTAR BED AND REGROUT TO MATCH TYPE, COLOR, AND PROFILE OF EXG. • CONTRACTOR TO PROVIDE UNIT PRICE (SEE SPECS)	SEE DWGS FOR QTY	2/A8.0
CN-11	INTERIOR GLAZED TILE AT WINDOW HEADS - REGROUT: REGROUT EXG GLAZED TILE TO REMAIN • TEMPORARILY REMOVE EXG WINDOW SHADES; REINSTALL WHEN WORK IS COMPLETE *NO EXG SHADES AT APPARATUS ROOM WINDOWS • EXG GLAZED TILE TO REMAIN IN PLACE • REMOVE HORIZONTAL GROUT JOINT AT UNDERSIDE OF WINDOW HEAD. CLEAN EDGES OF TILE AND PREP FOR NEW GROUT. • PROVIDE NEW GROUT JOINT TO MATCH TYPE, COLOR, AND PROFILE OF EXG. • CONTRACTOR TO PROVIDE UNIT PRICE (SEE SPECS)	SEE DWGS FOR QTY	2/A8.0
CN-12	ROOF LADDERS: • REMOVE EXG MTL ROOF LADDERS FOR BRICK/MORTAR REPAIR WORK • PROVIDE NEW LADDERS IN EXG LOCATIONS • PATCH AND INFILL EXG FASTENER HOLES W/ MORTAR. • EAST FACADE LOWER LADDER: REPLACE (2) BROKEN BRICKS AT WALL SUPPORT.	3 LADDERS; SEE DWGS FOR HT	
CN-13	TOWER REMOVAL: • REMOVE EXG MASONRY TOWER TO (8) BRICK COURSES ABV EXG COPING • SALVAGE UNDAMAGED FACE BRICK UNITS WHERE POSSIBLE. CLEAN AND STORE BRICKS FOR REUSE. • PROVIDE NEW MTL ROOF DECK AND SBS ROOFING SYSTEM ON EXG BRICK TOWER WALLS TO REMAIN. • AT WALLS TO REMAIN, INFILL RECESSED FACE BRICK AT CENTER OF WALL TO BE FLUSH W/ ADJ • PROVIDE ROOF PROTECTION FOR EXG ADJACENT ROOFING AND FLASHING TO REMAIN.	SEE DWGS FOR QTY	4/A8.0 5/A8.0 6/A8.0
CN-14	OVERHEAD DOOR SOFFIT: • EXG STL DOOR SOFFIT/LINTELS TO REMAIN AT OVERHEAD DOORS. PREP AND REPAINT ONLY.	SEE DWGS FOR QTY	
CN-15	CRACKED POLISHED GRANITE BASE: • CRACKED POLISHED GRANITE TO REMAIN IN PLACE • PREP EDGES OF GRANITE AT CRACK TO PROVIDE CONSISTENT EDGE. • PROVIDE NEW PATCHING REPAIR COMPOUND IN CRACK TO MATCH EXG COLOR.	NORTH / NORTHEAST 2LF	
CN-16	EXG CONDUIT/WIRES: (NORTH AND EAST FACADE) • CONTRACTOR TO PROVIDE TEMPORARY SUPPORTS FOR CONDUIT/ WIRING ATTACHED TO BUILDING FACADE TO ALLOW FOR MASONRY WORK. • ABANDON/REMOVE EMPTY CONDUIT. REPLACE SECTIONS OF RUSTED CONDUIT AND BOXES. PROVIDE NEW CLAMPS/ANCHORS AND REATTACH EXG CONDUIT. • CONSOLIDATE AND BUNDLE WIRING, PROVIDE CABLE TIES • PROVIDE NEW 2" SSTL J-HOOKS WITH RETAINER CLIPS EVERY 8' (HORIZ), AND 2" BRIDLE RING W/ WIRE HARNESS (VERTICAL); PROVIDE NON-CORROSIVE ANCHORS AND WASHERS. HOOKS/HARNESS TO BE DATA SENSITIVE. • CONSOLIDATE INTO A SINGLE PENETRATION THROUGH WINDOW OPENING EW1 AND COORD W/ WINDOW CONTRACTOR	REPLACE CONDUIT 75LF CABLE MGMT 120LF	
CN-17	MOURNING BUTTONS: (NORTH FACADE ONLY) • PROVIDE NEW SSTL MOURNING BUTTONS • PROVIDE MASONRY ANCHOR SLEEVE AND INSTALL MORTAR JOINT (NOT IN BRICK OR LIMESTONE)	6 BUTTONS	

REVISIONS

ISSUE	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

PROJECT DIRECTOR

ROY CONARD

SEALS

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1401 JFK BOULEVARD
7TH FLOOR, CITY HALL
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

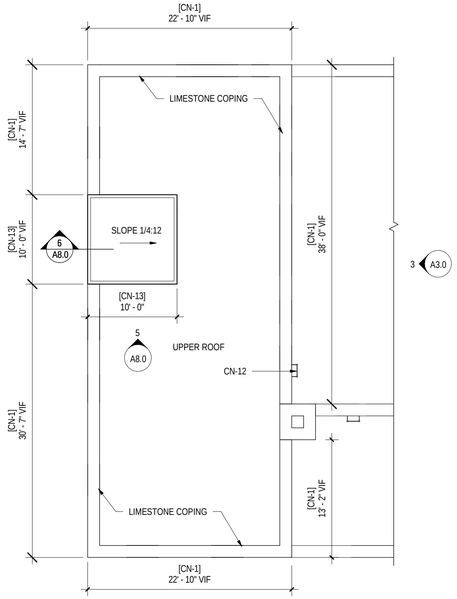
ENGINE 56 EXTERIOR ENVELOPE RENOVATIONS

DRAWING TITLE

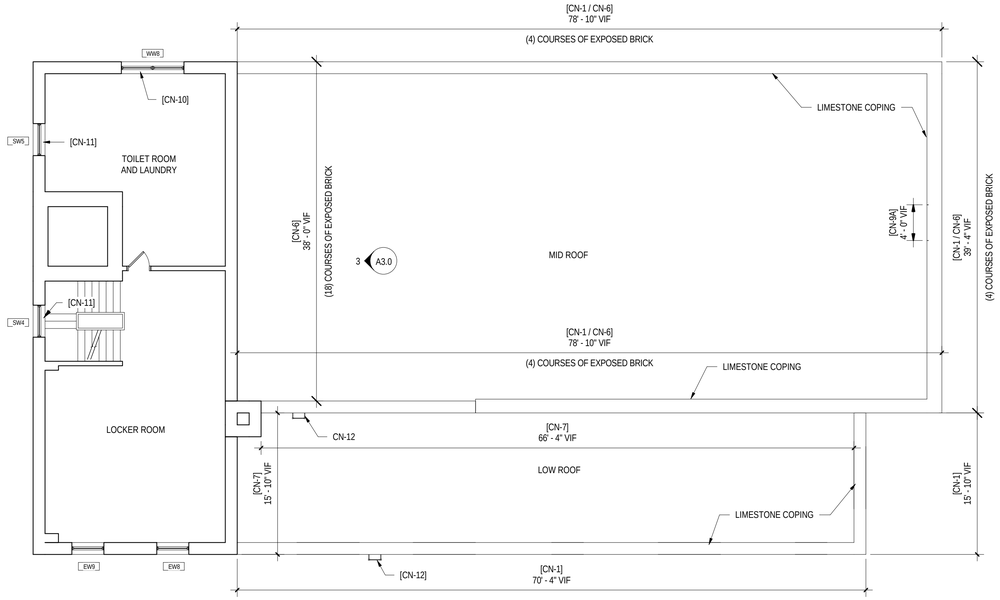
SCOPE OF WORK LEGEND

PROJECT NO. 13-18-4014-01	DRAWING NO. A0.1
DATE 07/11/2022	
SCALE AS NOTED	
DRAWN BY KC	
CHECKED BY TW	FILE

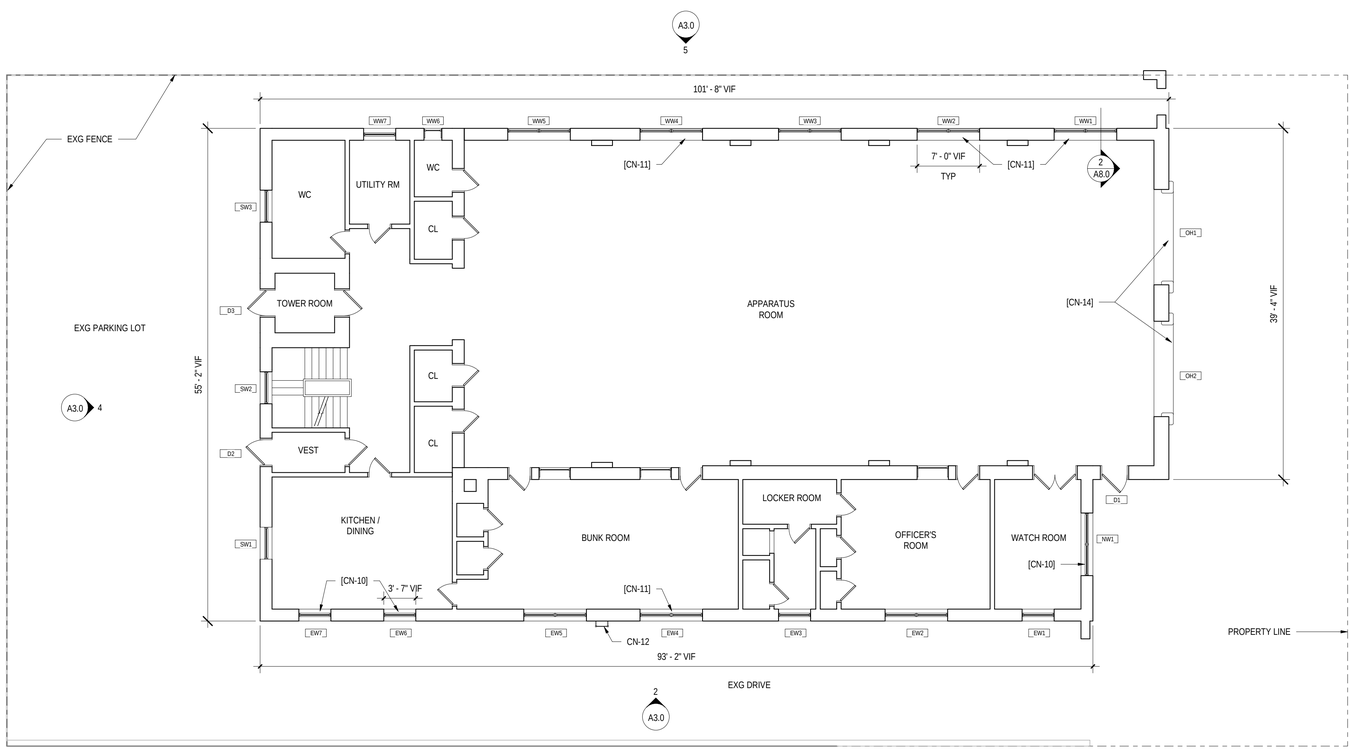
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK



3 A2.0 UPPER ROOF PLAN
1/8" = 1'-0"



2 A2.0 SECOND FLOOR PLAN
1/8" = 1'-0"



1 A2.0 FIRST FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

1. PLANS AND DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
2. INTERIOR WORK IS LIMITED; SEE KEYED NOTES BELOW FOR SPECIFIC INTERIOR REPAIR WORK.
3. CONTRACTOR IS TO PROVIDE PROTECTION FOR EXISTING ROOF SYSTEMS IN AREAS OF WORK, INCLUDING BUT NOT LIMITED TO RIGID INSULATION BOARDS COVERED BY PLYWD SHEET.
4. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL WORK NOT SHOWN ON PLANS.

KEYED NOTES
SEE A0.1 SCOPE OF WORK LEGEND FOR FULL DESCRIPTION OF WORK NOTED IN KEYED NOTES. KEYED NOTES BELOW ARE FOR PLAN LOCATION REFERENCE ONLY.

CN-1: LIMESTONE COPING

CN-6: PARAPET/VERTICAL WALLS (ROOF SIDE)

CN-7: VERTICAL WALLS (ROOF SIDE)

CN-9A: OUT OF PLANE WALLS (ROOF SIDE PARAPET)

CN-10: DISPLACED INTERIOR GLAZED TILE AT WINDOW HEADS

CN-11: INTERIOR GLAZED TILE AT WINDOW HEADS - REGROUT

CN-12: ROOF LADDERS

CN-13: TOWER REMOVAL

CN-14: OVERHEAD DOOR LINTELS

N
PROJECT
NORTH

REVISIONS

ISSUE	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

PROJECT DIRECTOR
ROY CONARD

SEALS

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DEPARTMENT OF PUBLIC PROPERTY
1401 JFK BOULEVARD
7TH FLOOR, CITY HALL
PHILADELPHIA PENNSYLVANIA

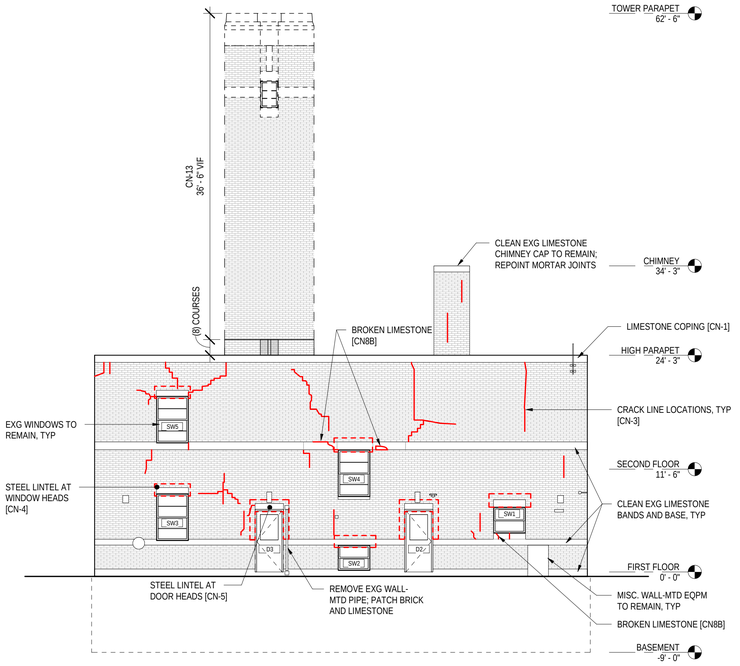
PROJECT TITLE
ENGINE 56 EXTERIOR ENVELOPE RENOVATIONS

DRAWING TITLE
FLOOR PLANS

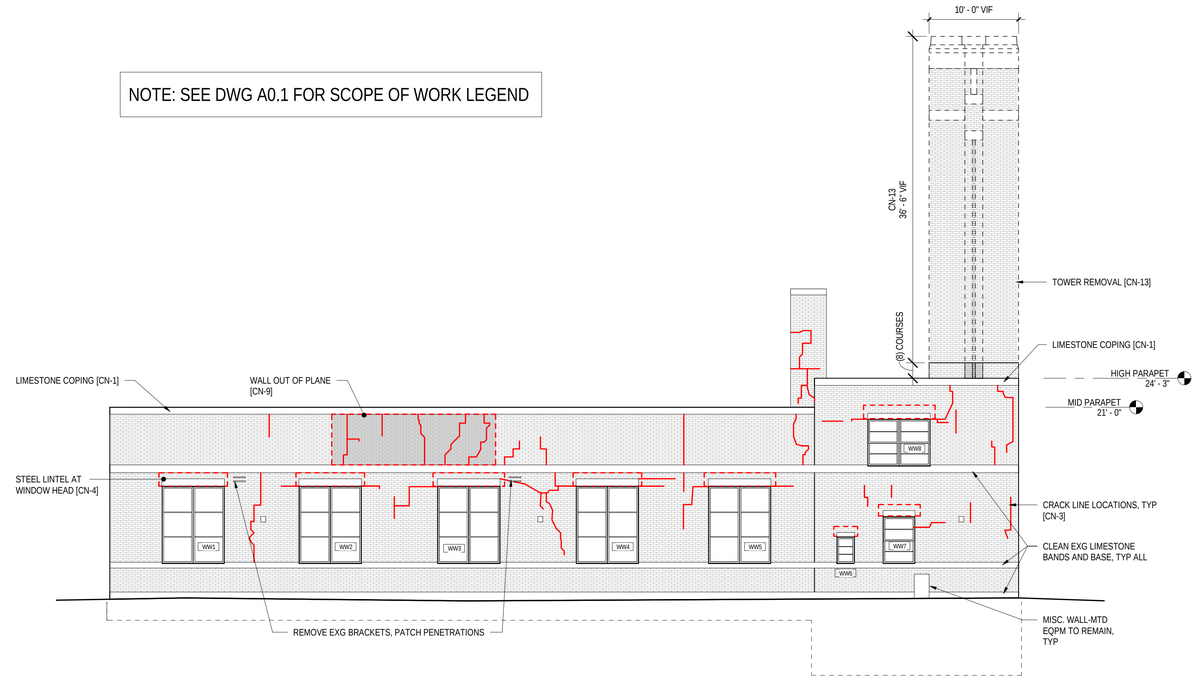
PROJECT NO. 13-18-4014-01	DRAWING NO. A2.0
DATE 07/11/2022	
SCALE AS NOTED	
DRAWN BY KC	
CHECKED BY TW	FILE

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK

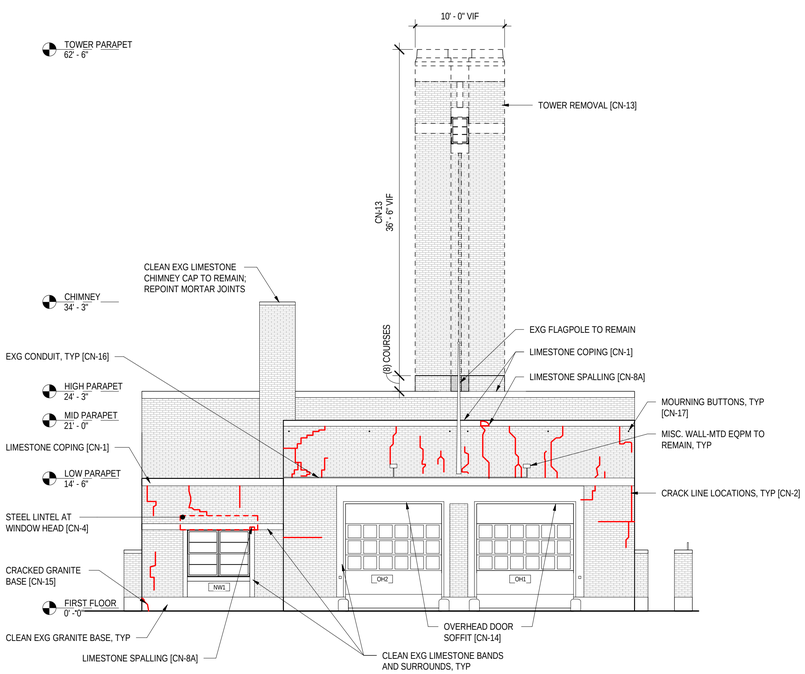
NOTE: SEE DWG A0.1 FOR SCOPE OF WORK LEGEND



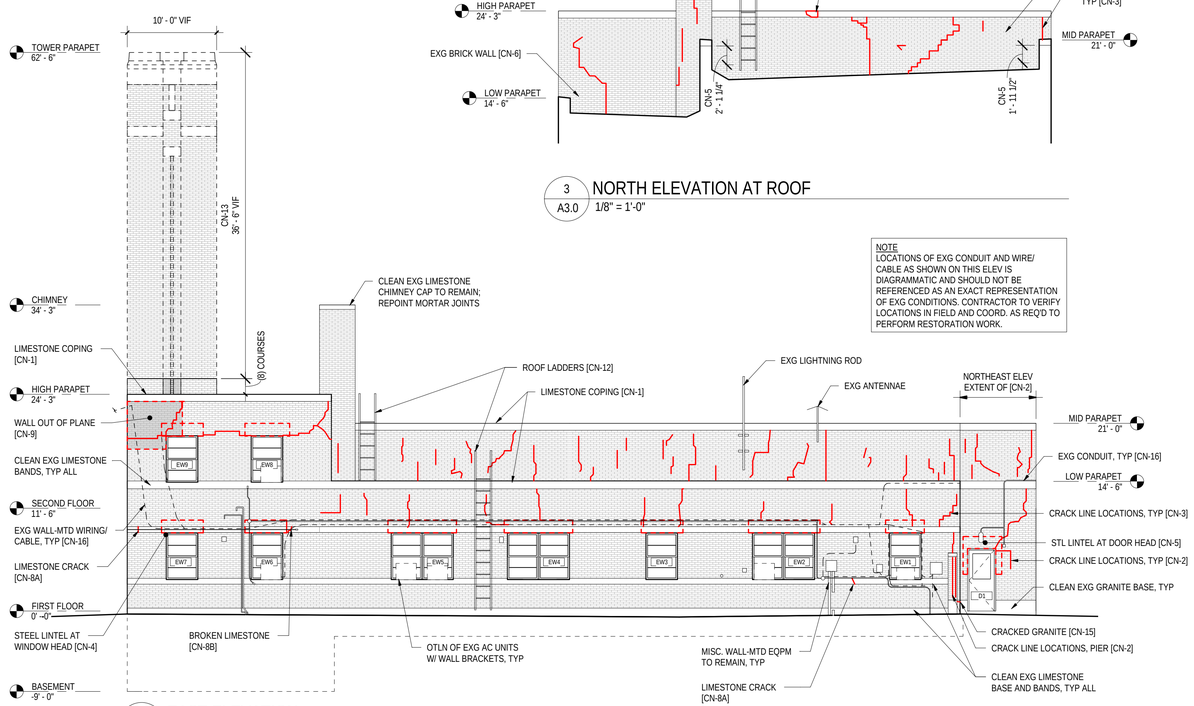
4 A3.0 SOUTH ELEVATION
1/8" = 1'-0"



5 A3.0 WEST ELEVATION
1/8" = 1'-0"

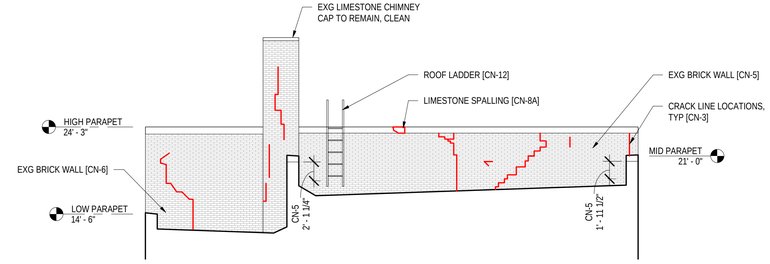


1 A3.0 NORTH ELEVATION
1/8" = 1'-0"



NOTE
LOCATIONS OF EXG CONDUIT AND WIRE/ CABLE AS SHOWN ON THIS ELEV IS DIAGRAMMATIC AND SHOULD NOT BE REFERENCED AS AN EXACT REPRESENTATION OF EXG CONDITIONS. CONTRACTOR TO VERIFY LOCATIONS IN FIELD AND COORD. AS REQ'D TO PERFORM RESTORATION WORK.

2 A3.0 EAST ELEVATION
1/8" = 1'-0"



3 A3.0 NORTH ELEVATION AT ROOF
1/8" = 1'-0"

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PROJECT TITLE
ENGINE 56 EXTERIOR ENVELOPE RENOVATIONS

DRAWING TITLE
EXTERIOR ELEVATIONS

PROJECT NO. 13-18-4014-01	DRAWING NO. A3.0
DATE 07/11/2022	
SCALE AS NOTED	
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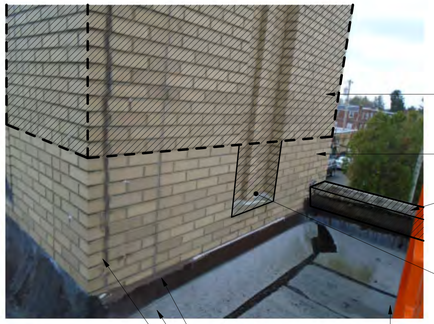


REMOVE EXG TOWER TO (8) BRICK COURSES ABV THE EXG COPING

EXG TOWER WALL TO REMAIN BELOW REMOVAL LINE

EXG LIMESTONE COPING TO BE RESET (SEE NOTE CN-1 ON EXT ELEV DWGS)

INFILL EXG RECESSED BRICK ALCOVE W/ BRICK TO MATCH, TO BE FLUSH W/ ADJ

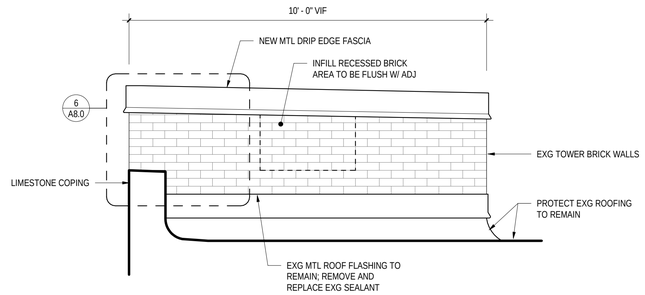
EXG FLASHING TO REMAIN; REMOVE AND REPLACE EXG SEALANT

PROTECT EXG ROOFING TO REMAIN, TYP

CRACK REPAIR [CN-3, TYP]

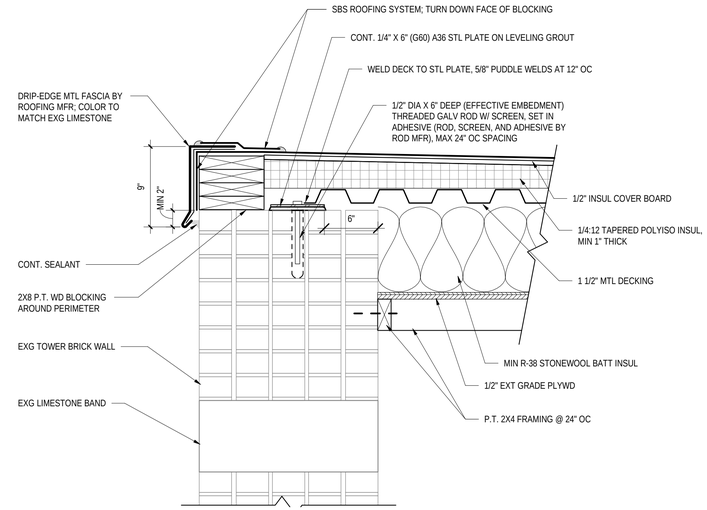
4 / A8.0 TOWER REMOVAL DIAGRAM

N.T.S.



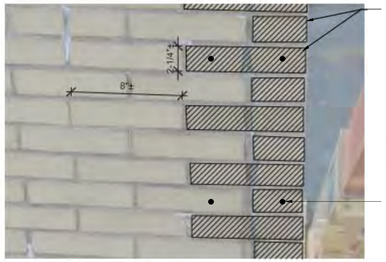
5 / A8.0 TOWER ROOF - ELEVATION

1/2" = 1'-0"



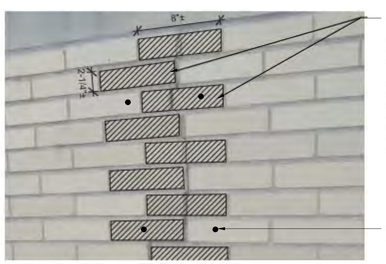
6 / A8.0 TOWER ROOF DETAIL

1 1/2" = 1'-0"



AT EXG CORNERS, CAREFULLY REMOVE BRICKS ADJACENT TO EXG LARGE CRACKS (GREATER THAN 1/16") WHERE THE BRICK HAS SEPARATED, SALVAGING UNDAMAGED BRICK UNITS.
CLEAN AND STORE FOR REUSE. REMOVE ENTIRE UNITS FROM JOINT TO JOINT W/O DAMAGING SURROUNDING MASONRY IN A MANNER THAN PERMITS REPLACEMENT W/ FULL-SIZE UNITS.
SUPPORT AND PROTECT REMAINING MASONRY AND WALL COMPONENTS SURROUNDING AREA OF REMOVAL. NOTIFY ARCHITECT OF ANY UNFORESEEN DETRIMENTAL CONDITIONS.
INSTALL EXG SALVAGED AND/OR NEW BRICK UNITS INTO BONDING AND COURSING PATTERN OF EXG BRICK. MATCH EXG MORTAR JOINT SIZE.

PROVIDE NEW ANCHORS 4" HORIZONTALLY FROM EXG CRACK, AT 16" VERTICAL SPACING.



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CLEAN AND STORE FOR REUSE. REMOVE ENTIRE UNITS FROM JOINT TO JOINT W/O DAMAGING SURROUNDING MASONRY IN A MANNER THAT PERMITS REPLACEMENT W/ FULL-SIZE UNITS.
SUPPORT AND PROTECT REMAINING MASONRY AND WALL COMPONENTS SURROUNDING AREA OF REMOVAL. NOTIFY ARCHITECT OF ANY UNFORESEEN DETRIMENTAL CONDITIONS.
INSTALL EXG SALVAGED AND/OR NEW BRICK UNITS INTO BONDING AND COURSING PATTERN OF EXG BRICK. MATCH EXG MORTAR JOINT SIZE.

PROVIDE NEW ANCHORS 4" HORIZONTALLY FROM EXG CRACK, AT 16" VERTICAL SPACING.

1 / A8.0 BRICK CRACK REPAIR DIAGRAM

N.T.S.

DOOR AND WINDOW LINTEL SCHEDULE

NORTH FACADE:
(1) L5 X 3.5 X 5/16 GALVANIZED A36 ANGLE

WEST FACADE:
(6) L5 X 3.5 X 5/16 GALVANIZED A36 ANGLE
(2) L4 X 3 X 5/16 GALVANIZED A36 ANGLE

SOUTH FACADE:
(7) L4 X 3 X 5/16 GALVANIZED A36 ANGLE

EAST FACADE:
(3) L5 X 3.5 X 5/16 GALVANIZED A36 ANGLE
(7) L4 X 3 X 5/16 GALVANIZED A36 ANGLE

GENERAL:
ALL LINTELS SHALL BE THE LENGTH OF THE OPENING PLUS 8" BEARING ON EACH END.

CUT A CONTINUOUS REGLET 1-1/2" MIN INTO EXG BED JOINT OF BACK UP BRICK. PROVIDE NEW 2-PIECE CONT. SSTL FLASHING (304, 28GA)

REMOVE AND SALVAGE EXG BRICK AS NECESSARY TO INSTALL NEW THRU-WALL FLASHING. SUPPORT EXG BRICK ABOVE OPEN AREAS. UPON COMPLETION OF FLASHING INSTALLATION, REINSTALL SALVAGED AND/OR PROVIDE NEW BRICK TO MATCH SIZE, COLOR, AND CONFIGURATION OF EXG. PROVIDE NEW MORTAR FULL DEPTH HORIZ AND VERT, AND PROPERLY STRIKE JOINT TO MATCH EXG.

REMOVE AND SALV EXG BRICK OR LIMESTONE HEAD COURSE FOR REINSTALLATION

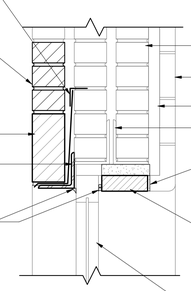
NEW STL LINTELS; SEE LINTEL SCHEDULE

NEW CONT. SEALANT AND BACKER ROD BY WINDOW CONTRACTOR (NIC)

CONT. SEALANT

LAP VERTICAL FLASHING LEGS 3" MIN AND SEAL W/ CONT. LIBERAL BEAD OF MASTIC

SET FLASHING IN CONT. LIBERAL BEAD OF MASTIC



EXG BACK UP BRICK TO REMAIN

EXG GLAZED TILE TO REMAIN

EXG GROUT SETTING BED

EXG STL LINTELS TO REMAIN

[CN-11] WHERE EXG TILE IS TO REMAIN AT HEAD, REMOVE AND REPLACE EXG GROUT JOINT TO MATCH EXG COLOR, TYPE AND PROFILE.

[CN-10] IN AREAS OF DISPLACED TILE, CAREFULLY REMOVE AND SALVAGE EXG STRUC GLAZED TILE. REMOVE AND REPREP EXG LATH/GROUT SETTING BED. RESET SALVAGED TILE FLUSH W/ EXG. PROVIDE NEW GROUT BTW TILES TO MATCH EXG COLOR, TYPE, AND PROFILE.

EXG WINDOWS TO BE REPLACED BY OTHERS (NIC); COORD WORK W/ WINDOW CONTRACTOR

GENERAL FLASHING NOTES NOTES
- CLEAN AREAS AS NECESSARY TO PROVIDE FOR NEW FLASHING SYSTEM INSTALLATION.
- TURN UP/END DAM FLASHING 2" MIN AT ENDS OF LINTEL. END DAMS SHALL BE OF BENT METAL AND/OR HAVE SOLDERED SEAM.

GENERAL INTERIOR TILE NOTES
- NO FORENSIC REMOVAL WAS PERFORMED TO VERIFY THE EXG WALL CONSTRUCTION. CONTRACTOR TO NOTIFY OWNER/ARCHITECT IF EXG CONDITIONS DIFFER FROM THOSE NOTED IN THE DETAIL.

2 / A8.0 LINTEL AND INTERIOR TILE REPAIR DETAIL

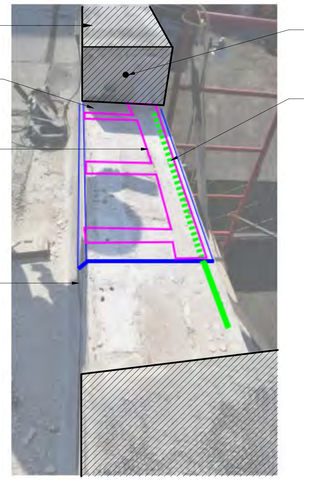
1 1/2" = 1'-0"

CAREFULLY REMOVE EXG LIMESTONE COPING STONES. CLEAN AND STORE FOR REINSTALLATION.

PROVIDE CONT. SSTL CAP FLASHING (304, 28 GA). EXTEND NEW CAP FLASHING ACROSS FULL WIDTH OF PARAPET WALL. TERMINATE OUTSIDE EDGE FLUSH W/ EXT FRONT STONE, AND ROOF SIDE EDGE W/ A 3/4" HEM BEND.

SET WEEP MATERIAL ON FLASHING IN A CONT. BELT ALIGNED W/ THE OUTSIDE EDGE AND LEGS EXTENDING TOWARD THE ROOF

AT LOW AND HIGH PARAPETS, COORDINATE INSTALLATION OF NEW CAP FLASHING W/ EXG ROOF FLASHING TO REMAIN



DRILL 7/16" X 3" LONG HOLES INTO CENTER OF ENDS OF LIMESTONE CAPS. INSTALL 3/8" X 6" LONG A304 SSTL SMOOTH DOWEL INTO ADJACENT STONES AND GROUT FACE JOINT.

SET OUTSIDE EDGE OF CAP FLASHING IN CONT. LIBERAL BEAD OF SEALANT

*NOTE: FLASHING DIAGRAM SHOWN IN LIMITED AREA OF EXG COPING STONE REMOVAL FOR PREVIOUS FORENSIC REVIEW. REMAINING COPING IS IN TACT; SEE NOTE CN-1 ON EXT ELEV.

GENERAL COPING NOTES:
- PROTECT ALL EXG ROOF SURFACES DURING WORK W/ PLYWD OR APPROVED ALTERNATE MATERIAL.
- CLEAN AREAS AS NECESSARY TO PREP FOR NEW CAP FLASHING INSTALLATION.
- PLACE FULL BED OF MORTAR ACROSS WEEP MATERIAL AND FLASHING AND REINSTALL COPING STONES INTO MORTAR BED.
- TOOL THE BED JOINT TO MATCH EXG AND LIGHTLY SCORE WEEP LEGS AT FACE OF WALL WHILE MORTAR IS STILL PLASTIC.
- AT COPING STONE HEAD AND SKYWARD FACING JOINTS, PROVIDE NEW SEALANT JOINTS.
- CLEANING: SEE EXG MOCKUP AS BENCHMARK

AT THE EXPOSED MASONRY AT THE BACK OF THE PARAPET AND VERTICAL WALLS, SEE NOTE CN-6 ON PLANS AND ELEVATIONS.

EXG FLASHING TO REMAIN; REMOVE AND REPLACE EXG SEALANT JOINT

EXG ROOFING TO REMAIN

3 / A8.0 COPING STONE DIAGRAM

N.T.S.

REVISIONS

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PROJECT TITLE

ENGINE 56 EXTERIOR ENVELOPE RENOVATIONS

DRAWING TITLE

EXTERIOR DETAILS AND DIAGRAMS

PROJECT NO. 13-18-4014-01	DRAWING NO. A8.0
DATE 07/11/2022	
SCALE AS NOTED	
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