City Hall Façade and Plaza Repairs – Addendum 2

General Clarifications/Pre-Bid Meeting Questions:

1. Question: What loading is the existing precast plank rated for?
    a. Answer: See attachment A with excerpts for the existing drawings showing the ratings. The precast plank over the parking garage to be designed to accommodate a snow plow with a max. axle weight of 7,500 lbs. The parking garage deck load is rated for 50 psf live load and the patio is rated for 100 psf live load.
2. Question: The existing west patio wall cmu block wall is out of plumb. Is the intent for it to remain how it is currently?
    a. Answer: Yes, the existing cmu block wall is to remain. Rebuilding of the existing cmu block wall is not in scope.
3. Sign-in Sheet

Project Manual

Section	Change
N/A	N/A

Bid Drawings

Sheet	Change
A100	• Updated size of concrete removal area. • Existing concrete benches to be removed and disposed of. • At the west patio wall, remove the landscaping and restore mulch once project is complete. • At the east patio wall, existing landscaping to remain.
A500	• Existing concrete benches to be removed and disposed of.

PLAN NOTES:

1. FOR GENERAL STRUCTURAL NOTES, SEE SHEET S2.1
2. VERIFY SIZE, LOCATION, AND NUMBER OF ALL FLOOR OPENINGS WITH ARCH. & MECH. DRAWINGS. PROVIDE FRAME AT EACH OPENING, SEE 16/S2.2
3. "T.B.E." INDICATES TOP OF BEAM ELEVATION
4. SEE 22/S2.2 & 23/S2.2 FOR MASONRY HORIZONTAL JOINT REINF.
5. — — [2.7] INDICATES TOTAL LINE LOAD (KLF)
   (1.0) INDICATES LIVE LOAD (KLF)
6. PROVIDE VERT. CONTROL JOINTS FOR CONCRETE MASONRY WALLS AT A MAXIMUM SPACING OF 40'-0". SEE ARCH. DRAWING FOR LOCATION. JOINT REINF. SHALL BE INTERRUPTED AT CONTROL JOINT; SEE DETAIL 25/S2.2.
7. SEE DETAIL 17/S2.2 FOR TOP OF TYP. MASONRY PARTITION WALL @ PLANK
8. SPECIAL LOADING: PRECAST PLANK OVER PARKING GARAGE TO BE DESIGNED TO ACCOMMODATE A SNOW PLOW WITH A MAX. AXLE WEIGHT OF 7500 LBS.
9. ELEVATION 100'-0" ON STRUCTURAL EQUALS ELEVATION 975.1 ON CIVIL/SITE DWGS.

KEY NOTES:

(1) COLUMN IS SIZED FOR FUTURE EXPANSION

LINTEL SCHEDULE

MARK	LINTEL	BRG.
L01	8" x 16" CMU BOND BEAM, REINF. W/ 2 - #5 CONT.	8"
L02	8" DEEP CIP CONC. BEAM, REINF. W/ 2 - #5 BOT.	8"
L03	18" DEEP CIP CONC. BEAM, REINF. W/ 2 - #6 BOT. AND #3 CLOSED STIRRUPS @ 4" O.C.	8"
L04	W8x24	8"
L05	16" DEEP CIP CONC. BEAM, REINF. W/ 8 - #5 BOT. (2 ROWS OF 4) AND #3 CLOSED STIRRUPS @ 6" O.C.	8"

NOTE:

AT LINTEL "L04" PROVIDE BRG. PL. 1/2 x 7 1/2 x 0'-8" W/ 2 - 3/4"Φ x 6" LONG HEADED STUDS, EACH END; SEE 6/S2.2.

ALL STL. LINTELS IN EXTERIOR WALLS SHALL BE HOT DIPPED GALVANIZED.

AT CIP CONC. BEAM LINTELS WHERE BRICK IS SUPPORTED, PROVIDE GALV. L7x4x3/8 SLV. ATTACH L TO CONC. BM. W/ 1/2"Φ EXP. ANCH. @ 24" O.C.

SEE 2/S1.4
MATCHLINE
SEE 1/S1.4

NOTES:

SIZED FOR FUTURE EXPANSION

TEL SCHEDULE

LINTEL	BRG.
BOND BEAM, REINF. W/ 2 - #5 CONT.	8"
ONC. BEAM, REINF. W/ 2 - #5 BOT.	8"
ONC. BEAM, REINF. W/ 2 - #6 BOT. CLOSED STIRRUPS @ 4" O.C.	8"
W8x24	8"
C. BEAM, REINF. W/ 8 - #5 BOT. D #3 CLOSED STIRRUPS @ 6" O.C.	8"

PL. 1/2 x 7 1/2 x 0'-8" W/
UDS, EACH END; SEE 6/S2.2.

NALLS SHALL BE HOT DIPPED GALVANIZED.

RE BRICK IS SUPPORTED, PROVIDE GALV.
C. BM. W/ 1/2"ϕ EXP. ANCH. @ 24" O.C.

K G E.1 C.9 A AA

SEE 2/S1.4 MATCHLINE SEE 1/S1.4

20 S2.2

T.P.E. = 98'-2"

"DO" 8" GARAGE PLANK

12" x 12" PRECAST CONC. COLUMN, TYP.

T.P.E. = 98'-6"

8" PRECAST HOLLOW CORE PLANK W/ TAPERED CONC. TPG. BTWN. GRIDS 20 & 21 (MAX. 3 5/8") & HIGH DENSITY INSULATION (SEE ARCH.) PLUS 4" MIN. CONC. WEAR SURFACE, REINF. W/ FIBERMESH

SUPERIMPOSED LOADS: DEAD LOAD = 20 PSF
LIVE LOAD = 50 PSF (GARAGE LOADING)
(SEE PLAN NOTE 10 FOR ADDL. INFO.)

TOP OF PLANK EL. = 98'-6", U.N.O.
TOP OF CONC. EL. VARIES, SEE ARCH.

PLANK SPAN

TOP OF TAPERED CONC. @ RIDGE = 98'-9 5/8"

TOP OF TAPERED CONC. @ GRIDLINE 21 = T.P.E. = 98'-6"

3 1/2" SLEEVE CAST IN BEAM, TYP.

3 S2.3

TOP OF TAPERED CONC. @ GRIDLINE 20 = T.P.E. = 98'-6"

T.P.E. = 98'-6"

301T24 PRECAST CONC. BEAM, TYP.

J F E D

"DO" 8" GARAGE PLANK

T.P.E. = 98'-2"

4 S2.3

8"

21 S2.2

MATCHLINE

G E.1 C.9

8" FIN. CONC. SLAB REINF. W/ #5 @ 6" O.C. E.W. CENTERED IN SLAB DWL. TO FND. WALL W/ #5 @ 6" O.C. HOOKED BARS, ALTERNATE DIRECTION @ CENTER WALL. TOP OF FIN. SLAB EL. VARIES SEE ARCH.

4" FIN. CONC. SLAB REINF. W/ #4 @ 12" O.C. E.W. CENTERED IN SLAB DWL. TO FND. WALL W/ #4 @ 12" O.C. HOOKED BARS, SEE ARCH. FOR TOP OF SLAB EL.

14 S2.3 SIM.

14 S2.3

6 S2.3 SIM.

6 S2.3

7 S2.1 TYP.

22

"DO" 8" GARAGE PLANK W/ NO TOPPING LL = 100 PSF (GREEN ROOF)

361T32 CONC. BEAM

L02

21

7 S2.3 TYP.

RIDGE LINE OF TAPERED CONC. TPG.

"DO" 8" GARAGE PLANK W/ TAPERED CONC. TPG. BTWN. GRIDS 20 & 21 (MAX. 3 5/8"), SEE ARCH. LL = 100 PSF (GREEN ROOF)

14'-0"

L03

15 S2.3

0.40 (0.00)

L03

361T28 CONC. BEAM

20

L03

"DO" 8" GARAGE PLANK W/ NO TOPPING LL = 100 PSF (GREEN ROOF)

4 S2.3

6 S2.3

5 S2.3

17

T R M K

2/S1.4 MATCHLINE 1/S1.4

BK
GRO

Architec
Interior
Engine

Boar
Kroc
Vog
Gro
In

CONC. RETAINING WALL
& REPLACE W/ 8" CMU,
ONE EA. FACE,
DWL. @ 32" O.C.,
#5 @ 32" O.C.,
REINF.,
GROUTED
W/ 2 -
ED &

PLYMOUTH CITY HALL

FACADE AND PLAZA REPAIRS

3400 PLYMOUTH BLVD

PLYMOUTH, MINNESOTA 55447

PROJECT SCOPE

1. THE CONTRACTOR SHALL PLAN THEIR WORK SO THAT ACCESS TO AND FROM THE STRUCTURE BY OTHER TRADES IS ALLOWED.
2. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY SHORING AND BRACING AS REQUIRED FOR ALL REPAIRS.
3. THE CONTRACTOR SHALL CALL FOR ALL PERMIT REQUIRED INSPECTIONS IN THE PROPER PHASING. THE CONSTRUCTION SEQUENCE LISTED HERE IS FOR PROJECT SCOPE REFERENCE ONLY.
4. CONTRACTOR TO PERFORM ADHESION TESTING AT TRANSITIONS OF NEW WATERPROOFING TO EXISTING.

SCOPE A: BELOW GRADE WATERPROOFING AT PLAZA/PATIO

SCOPE 1A:

1. TEMPORARILY REMOVE AND STORE THE STEEL TRELLIS ASSEMBLY (WHERE APPLICABLE).
2. REMOVE AND SALVAGE THE EXISTING (11) LIGHTS MOUNTED ON THE WEST WALL.
3. REMOVE FULL HEIGHT OF BRICK VENEER AS INDICATED ON 1/A500 AND PRECAST CAP STONE TO EXPOSE CMU BACK-UP WALL.
4. REMOVE EXISTING GRAVEL BETWEEN BRICK VENEER CLAD WALL AND CONCRETE CURB, FILTER FABRIC, DRAINAGE MAT, AND RIGID INSULATION. TAKE CARE NOT TO DAMAGE THE EXISTING WATERPROOFING ASSEMBLY OVER THE EXISTING PRECAST PLANK.

SCOPE 1A: CONTINUED

IN SIM. TO. CONDITION - REMOVE EXISTING CONCRETE SLAB WHERE INDICATED ON 1/A100 AND REMOVE FILTER FABRIC, DRAINAGE MAT, AND RIGID INSULATION. TAKE CARE NOT TO DAMAGE THE EXISTING WATERPROOFING ASSEMBLY OVER THE EXISTING PRECAST PLANK.

5. REMOVE THE EXISTING WATERPROOFING ON THE CMU STARTER COURSES AND 6" ON THE PRECAST PLANK AND PREPARE THE SUBSTRATE PER SELECTED HOT FLUID-APPLIED WATERPROOFING SYSTEM MANUFACTURER.
6. INSTALL NEW HOT FLUID-APPLIED WATERPROOFING SYSTEM PER DETAIL 3/A502.
7. INSTALL A NEW 22 GA KYNAR COATED 2-PIECE METAL FLASHING. INSTALL SEALANT ALONG THE TOP EDGE OF THE METAL FLASHING TO INFILL THE SPACE CREATED BY HFA UP-TURN.
8. INSTALL NEW TREMCO EXOAIR 110AT FROM THE THROUGH WALL FLASHING UP THE CMU BACK-UP WALL AND ONTO TOP OF CMU WALL OVER SCOPE B WATERPROOFING MEMBRANE.
9. INSTALL BRICK TIES AT 16" O.C. AND APPLY SEALANT TO THE BACK PLATE AND FASTENER HEADS.
10. INSTALL CONTINUOUS ROPE WEEP SYSTEM FROM THE BRICK TIE, DOWN TO HORIZONTAL LEDGE OF THE METAL FLASHING. RUN HORIZONTALLY 24" AND TURN OUT BRICK HEAD JOINT. INTERLOCK ADJACENT ROPE WEEP TO CREATE THE CONTINUOUS SYSTEM. ROPE WEEPS SHALL BE PLACED AT BOTH TERMINATION ENDS. MECHANICALLY TRIMMING BRICK UP TO 1/2" MAX. TO ACCOMMODATE CONTINUOUS ROPE WEEP SYSTEM IS ACCEPTABLE.

SCOPE 1A: CONTINUED

11. INSTALL NEW BRICK WITH MORTAR TO MATCH EXISTING COLOR, TEXTURE, AND SIZE.
12. INSTALL (2) 2" LAYERS OF 60 PSI EXTRUDED POLYSTYRENE (XPS) INSULATION, DRAINAGE MAT, 1/2" COMPOSITE DRAINAGE MAT ON VERTICAL SURFACE AND INSTALL NEW FILTER FABRIC PRIOR TO BACKFILLING BETWEEN THE BRICK VENEER CLAD WALL AND CONCRETE CURB.
13. RE-INSTALL THE EXISTING LIGHTS AND PROVIDE SEALANT AND BACKER ROD AROUND THE PENETRATIONS THROUGH THE BRICK VENEER.
14. RE-INSTALL THE PRECAST COPING STONES ON THE EAST WALL WITH NEW BACKER ROD AND SEALANT JOINTS.

SCOPE 1A DEDUCT #1:

1. EXISTING CONCRETE AND SIDEWALK AND PLAZA WATERPROOFING TO REMAIN FROM THE END OF THE CONCRETE CURB TO THE END OF THE EAST WALL.

SCOPE 2A:

1. REMOVE EXISTING GRAVEL BETWEEN FOUNDATION WALL CURB AND CONCRETE CURB, FILTER FABRIC, DRAINAGE MAT, AND RIGID INSULATION. TAKE CARE NOT TO DAMAGE EXISTING WATERPROOFING ASSEMBLY OVER THE EXISTING PRECAST PLANK.

IN SIM. TO. CONDITION - REMOVE EXISTING CONCRETE SLAB WHERE INDICATED ON 1/A100 AND REMOVE FILTER FABRIC, DRAINAGE MAT, AND RIGID INSULATION. TAKE CARE NOT TO DAMAGE THE EXISTING WATERPROOFING ASSEMBLY OVER THE EXISTING PRECAST PLANK. NOTIFY ENGINEER FOLLOWING SLAB REMOVAL FOR VERIFICATION OF EXISTING CONDITIONS.

SCOPE 2A: CONTINUED

2. REMOVE THE EXISTING WATERPROOFING ON THE CONCRETE CURB AND 6" ON THE PRECAST PLANK AND PREPARE THE SUBSTRATE PER SELECTED HOT FLUID-APPLIED WATERPROOFING SYSTEM MANUFACTURER.
3. INSTALL NEW HOT FLUID-APPLIED WATERPROOFING PER DETAIL 3/A502 AND 8/A502.
4. INSTALL (2) 2" LAYERS OF 60 PSI EXTRUDED POLYSTYRENE (XPS) INSULATION, DRAINAGE MAT,1/2" COMPOSITE DRAINAGE MAT ON THE VERTICAL SURFACE, AND NEW FILTER FABRIC PRIOR TO BACKFILLING BETWEEN THE BRICK VENEER CLAD WALL AND CONCRETE CURB.

AT SIM. TO. CONDITION - INSTALL (2) 2" LAYERS OF 60 PSI EXTRUDED POLYSTYRENE (XPS) INSULATION PRIOR TO INSTALLING NEW CONCRETE SLAB WITH A FINISH TO MATCH EXISTING.

SCOPE 2A DEDUCT #1:

1. EXISTING CONCRETE SIDEWALK TO REMAIN. PROVIDE KYNAR COATED COPING CAP ALONG THE TOP OF THE EXTERIOR CONCRETE CURB WITH A KEEPER TO PROTECT THE EXISTING TERMINATION BAR. AT ENTIRE SCOPE 2B EXTENTS SHOWN ON 1/A100.

SCOPE 1B: EXPOSED CMU/CONCRETE SIDE OF WALLS

1. PREP SURFACE OF CMU WALL AND INSTALL EXPOSED COLD-APPLIED WATERPROOF COATING FULL-HEIGHT OF THE CMU WALL AND EXTEND IT ONTO THE CURB AND DOWN THE VERTICAL SURFACE OF THE CURB TO ACT AS A FLASHING. EXTEND THE WATERPROOFING ONTO THE TOP OF THE WALL.

SCOPE 1B: CONTINUED

2. INSTALL KYNAR COATED METAL DRIP FLASHING WITH A HEMMED EDGE BED IN SEALANT ON EITHER SIDE OF THE COPING STONE.
3. INSTALL TREMCO EXOAIR 110AT ACROSS THE WIDTH OF THE WALL TO STRIP IN BOTH METAL DRIP FLASHINGS AND THE TERMINATION OF THE COLD-APPLIED WATERPROOF COATING.
4. RE-INSTALL THE PRECAST COPING STONES ON THE WEST WALL WITH NEW BACKER ROD AND SEALANT JOINTS.
5. DETAIL STEEL TRELLIS THROUGH BOLTS WITH COLD-APPLIED WATERPROOF COATING AND RE-INSTALL THE STEEL TRELLIS ASSEMBLY.

SCOPE 2B:

1. EXCAVATE APPROXIMATELY 12-18" DOWN FROM EXISTING GRADE.
2. PREPARE THE SURFACE OF THE EXISTING CONCRETE CURB AND INSTALL EXPOSED COLD-APPLIED WATERPROOFING 2'-6" DOWN THE OUTSIDE FACE OF THE CURB. EXTEND WATERPROOFING UP AND OVER THE CURB AND LAP ONTO THE HFA WATERPROOFING 6" MINIMUM.
3. BACKFILL BACK TO ORIGINAL GRADE FOLLOWING COMPLETION OF WATERPROOFING WORK.

SCOPE C: THROUGH WALL FLASHING AND TIE-IN TO PLAZA WATERPROOFING

1. REMOVE SIDE WALK TOPPING SLAB TO THE NEAREST CONTROL JOINT. RIGID INSULATION, AND DRAINAGE MAT ALONG THE BASE OF THE WALL TO EXPOSE THE PERIMETER HORIZONTAL WATERPROOFING.
2. REMOVE BOTTOM (3) COURSES OF BRICK VENEER ABOVE THE EXISTING THROUGH WALL FLASHING HEIGHT.

SCOPE C: CONTINUED

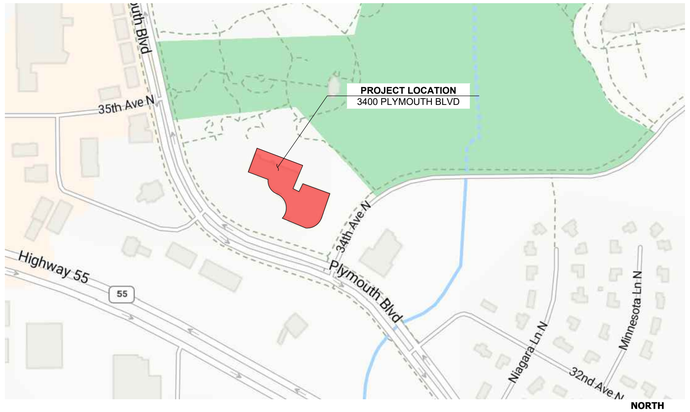
3. INSTALL NEW HOT FLUID-APPLIED WATERPROOFING SYSTEM THAT TIES INTO THE EXISTING HORIZONTAL WATERPROOFING AND EXTEND THE NEW WATERPROOFING UP THE CMU STARTER COURSE.
4. INSTALL 22 GA KYNAR COATED 2-PIECE METAL FLASHING.
5. INSTALL NEW TREMCO EXOAIR 110AT WITH END DAMS ADHERED TO THE SHEET METAL FLASHING AND EXTEND UP THE BACK UP WALL 8" MINIMUM.
6. INSTALL BRICK TIES AT 16" O.C. AND APPLY SEALANT TO THE BACK PLATE AND FASTENER HEADS.
7. INSTALL CONTINUOUS ROPE WEEP SYSTEM FROM THE BRICK TIE, DOWN TO HORIZONTAL LEG OF THE METAL FLASHING, RUN HORIZONTALLY 24" AND TURN OUT BRICK HEAD JOINT. INTERLOCK ADJACENT ROPE WEEP TO CREATE THE CONTINUOUS SYSTEM. TOPE WEEPS SHALL BE PLACED AT BOTH TERMINATION ENDS.
8. INSTALL NEW BRICK WITH MORTAR TO MATCH THE EXISTING COLOR, TEXTURE, AND SIZE.
9. INSTALL 1/2" COMPOSITE DRAINAGE MAT ON HORIZONTAL AND VERTICAL SURFACES, INSTALL (2) 2" LAYERS OF 60 PSI EXTRUDED POLYSTYRENE INSULATION AND RE-INSTALL CONCRETE SIDEWALK. ALIGN CONTROL JOINTS WITH EXISTING ADJACENT SIDEWALK FOR AESTHETICS.

SCOPE D: FLASHING TIE-IN AT BOTH STAIR E CORNERS

1. EXCAVATE ADJACENT TO THE STAIR APPROXIMATELY 2'-6" BELOW EXISTING GRADE AT THE NORTH AND EAST STAIRWELL WALLS. REMOVE EXISTING RIGID INSULATION, DRAINAGE MAT, AND FILTER FABRIC TO EXPOSE EXISTING VERTICAL FOUNDATION WALL WATERPROOFING.
2. AT THE NORTH WALL - REMOVE EXISTING BRICK VENEER, GROUT, AND RIGID INSULATION FROM THE CORNER APPROXIMATELY 2'-6" TOWARDS THE WINDOW AND AROUND BOTH CORNERS.
3. AT THE EAST WALL - REMOVE (3) COURSES OF BRICK ABOVE THE EXISTING THROUGH WALL FLASHING.
4. AT THE WEST STAIRWELL WALL - REMOVE THE EXISTING TOPPING SLAB TO THE NEAREST CONTROL JOINT, RIGID INSULATION, AND DRAINAGE MAT ALONG THE BASE OF THE WALL TO EXPOSE THE EXISTING WATERPROOFING.
5. ALONG THE WEST WALL - INSTALL NEW HOT-FLUID APPLIED WATERPROOFING THAT TIES INTO THE EXISTING HORIZONTAL WATERPROOFING AND EXTEND THE NEW WATERPROOFING UP THE CMU STARTER COURSE.
6. ALONG THE EAST WALL - INSTALL NEW HOT-FLUID APPLIED WATERPROOFING THAT TIES INTO THE EXISTING BELOW-GRADE WATERPROOFING AND EXTENDS UP THE CMU STARTER CURB.

SCOPE D: CONTINUED

7. AT THE NORTH WALL CORNERS - INSTALL NEW HOT-FLUID APPLIED WATERPROOFING TIE-IN THAT IS LAPPED ONTO THE ADJACENT WATERPROOFING SYSTEMS A MINIMUM OF 6". SEE ISOMETRIC DETAIL 7/A502.
8. ONCE THE WATERPROOFING TIE-INS ARE COMPLETE, INSTALL NEW 22 GA KYNAR COATED 2-PIECE METAL FLASHING STRIPPED IN WITH NEW TREMCO EXOAIR 110AT THROUGH WALL FLASHING MEMBRANE EXTENDING UP THE CMU BACK-UP WALL 8" MINIMUM WITH A TERMINATION BAR FASTENED AT 8" O.C.. AT THE EXISTING THROUGH WALL FLASHING HEIGHT AND TURN THE CORNER TO THE NORTH WALL AND PROVIDE END DAM ON EITHER SIDE OF THE WINDOW.
9. INSTALL BRICK TIES AT 16" O.C. AND APPLY SEALANT TO THE BACK PLATE AND FASTENER HEADS.
10. INSTALL CONTINUOUS ROPE WEEP SYSTEM FROM THE BRICK TIE, DOWN TO HORIZONTAL LEG OF THE METAL FLASHING, RUN HORIZONTALLY 24" AND TURN OUT BRICK HEAD JOINT. INTERLOCK ADJACENT ROPE WEEP SYSTEM. ROPE WEEP SHALL BE PLACED AT BOTH TERMINATION ENDS.
11. INSTALL NEW BRICK WITH MORTAR TO MATCH EXISTING COLOR, TEXTURE, AND SIZE.
12. AT THE WEST WALL INSTALL NEW 1/2" COMPOSITE DRAINAGE MAT ON HORIZONTAL AND VERTICAL SURFACES, INSTALL (2) 2" LAYERS 60 PSI EXTRUDED POLYSTYRENE INSULATION AND RE-INSTALL CONCRETE SIDEWALK. ALIGN CONTROL JOINTS WITH EXISTING ADJACENT SIDEWALK FOR AESTHETICS.
13. AT THE NORTH AND EAST ELEVATIONS INSTALL 2" XPS INSULATION, 1/2" COMPOSITE DRAINAGE MAT AND FILTER FABRIC. BACKFILL TO MATCH EXISTING GRADE AND RE-ESTABLISH GRASS WITH SOD.



SITE MAP

SCALE: NTSC

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VICINITY MAP

SCALE: NTSC

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A			
AB	ANCHOR BOLT		
AC	AIR CONDITIONING		
ADJ	ADJACENT		
AFF	ABOVE FINISH FLOOR		
ALT	ALTERNATE		
ALUM	ALUMINUM		
APP'D	APPROVED		
APPROX	APPROXIMATELY		
ARCH'L	ARCHITECT(URAL)		
ASPH	ASPHALT		
ASSMY	ASSEMBLY		
AVG	AVERAGE		
B			
BA	BARRIER		
BD	BOARD		
BIT	BITUMINOUS		
BLDG	BUILDING		
BLKG	BLOCKING		
BM	BEAM		
BRG	BEARING		
BRK	BRICK		
B/O	BOTTOM OF		
BOT	BOTTOM		
BTWN	BETWEEN		
BW	BOTH WAY		
C			
CAB.	CABINET		
CALC	CALCULATION		
CB	CATCH BASIN		
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED		
CG	CORNER GUARDS		
CJ	CONSTRUCTION JOINT		
CL	CENTERLINE		
CLKG	CAULKING		
CLN	CLEAN		
CLNG	CEILING		
CLR	CLEAR		
CMU	CONCRETE MASONRY		
CO	CLEAN OUT		
C/O	CENTER OF		
COL	COLUMN		
CONC	CONCRETE		
CONST	CONSTRUCTION		
CONT	CONTINUOUS		
CONTR	CONTRACTOR		
COORD	COORDINATE		
CPT	CARPET		
CT	CERAMIC TILE		
CUFT	CUBIC FEET		
D			
DBL	DOUBLE		
DEG	DEGREES		
DEMO	DEMOLISH/DEMOLITION		
DETL	DETAIL		
DIA	DIAMETER		
DIAG	DIAGONAL		
DIMS	DIMENSION		
DIST	DISTANCE		
DN	DOWN		
DS	DOWN SPOUT		
DWG	DRAWING		
DWL	DOWEL		
E			
EA	EACH		
EF	EACH FACE		
EFIS	EXT. FINISH INSULATED SYS		
EJ	EXPANSION JOINT		
ELEV	ELEVATION		
ELEC'L	ELECTRIC(AL)		
ENGR	ENGINEER		
EPDM	ETHYLENE PROPYLENE DIENZ TERPOLYMER		
EQ	EQUAL		
EQUIP	EQUIPMENT		
EW	EACH WAY		
(E) or EXIST	EXISTING		
EXP JT	EXPANSION JOINT		
EXT	EXTERIOR		
F			
FBO	FURNISHED BY OTHERS		
FD	FLOOR DRAIN		
FE	FIRE EXTINGUISHER		
FEC	FIRE EXTINGUISHER CABINET		
FF	FINISH FLOOR		
FFE	FINISH FLOOR ELEVATION		
FIG	FIGURE		
FIN	FINISH		
FIXT	FIXTURE		
FLNG	FLANGE		
FLR	FLOOR		
F/O	FACE OF		
FO	FINISH OPENING		
FND	FOUNDATION		
FRMG	FRAMING		
FT	FEET		
FTG	FOOTING		
FIN.	FURRING		
FV	FIELD VERIFY		
G			
GA	GAUGE		
GAL	GALLON		
GALV	GALVANIZED		
GB	GRADE BEAM HORIZONTAL		
GC	GENERAL CONTRACTOR		
GRD	GROUND OR GRADE		
GSN	GENERAL STRUCT'L NOTES		
GUT	GUTTER		
GWB	GYPSUM WALL BOARD		
H			
HB	HOUSE BIB		
HDR	HEADER		
HDW	HARDWARE		
HORZ	HORIZONTAL		
HM	HOLLOW METAL		
HP	HIGH POINT		
HR	HOUR		
HS	HEADED STUDS		
HSS	HOLLOW STRUCT'L SECTION		
HT	HEIGHT		
HVC	HEATING VENTILATION AND COOLING SYSTEM		
HW	HOT WATER/TANK		
I			
IBC	INTERNATIONAL BLDG. CODE		
ID	INSIDE DIAMETER		
IN	INCH		
INFO	INFORMATION		
INT	INTERIOR		
INSUL	INSULATION		
IRC	INTERIOR RESIDENTIAL CODE		
J			
JB	JUNCTION BOX		
JST	JOIST		
JT	JOINT		
L			
LAM	LAMINATE		
LBS	POUNDS		
LF	LINEAR FEET		
LGHT	LENGTH		
LLH	LONG LEG HORIZONTAL		
LLV	LONG LEG VERTICAL		
LONG	LONGITUDINAL		
LP	LOW POINT		
M			
M	METER		
MATL	MATERIAL		
MDF	MED. DENSITY FIBERBOARD		
MID	MIDDLE OR MIDPOINT		
MISC	MISCELLANEOUS		
MAX	MAXIMUM		
MECH'L	MECHANICAL		
MFR	MANUFACTURER		
MIN	MINIMUM		
MTD	MOUNT/MOUNTED		
MTL	METAL		
MUL	MULLION		
N			
(E)	NEW		
NIC	NOT IN CONTRACT		
NO	NUMBER		
NOM	NOMINAL		
NTSC	NOT TO SCALE		
O			
OA	OVERALL		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
OF	OUTSIDE FACE		
OPPH	OPPOSITE HAND		
OPNG	OPENING		
OPP	OPPOSITE		
OSB	ORIENTED STRAND BOARD		
P			
P	PAINT/PAINTED		
PAF	POWDER		
PART	PARTITION		
PC	PRECAST		
PH	PHASE		
PL	PLATE		
PLAM	PLASTIC LAMINATE		
PLMG	PLUMBING		
PLYWD	PLYWOOD		
PNL	PANEL		
PSF	POUND PER SQUARE FT		
PSI	POUND PER SQUARE IN		
PREP	PREPARE		
PVC	POLYVINYL CHLORIDE		
R			
(R)	RELOCATE		
RCP	REFLECTED CEILING PLAN		
R or RAD	RADIUS		
REC'D	RECESSED		
REG	REGULAR		
RD	ROOF DRAIN		
RECT	RECTANGULAR		
RE or REF	REFER TO / REFERENCE		
REINF	REINFORCING		
RELOC	RELOCATE/RELOCATED		
REQ'D	REQUIRED		
REV	REVISION		
RFD	ROOF DRAIN		
RFT	RAFTER		
RM	ROOM		
RO	ROUGH OPENING		
RS	ROUGH-SAWN		
RTU	ROOF TOP UNIT		
S			
SC	SCUPPER		
SCRN	SCREEN		
SD	SMOKE DETECTOR		
SDG	SIDING		
SAF	SELF ADHERE FLASHING		
SCHED	SCHEDULE		
SECT	SECTION		
SF	SQUARE FEET		
SGD	SLIDING GLASS DOOR		
SHNG	SHINGLES		
SHTG	SHEATHING		
SIM	SIMILAR		
SJ	SAWCUT JOINT		
SK	SKETCH		
SM	SHEET METAL		
SNK	SINK		
SPA	SPACE(S)		
SPF	SPRAYED POLYURETHANE FOAM		
SPECS	SPECIFICATIONS		
SQ	SQUARE		
SS	STAINLESS STEEL		
STA	STATION		
STD	STANDARD		
STIFF	STIFFENER		
STIR	STIRRUP		
STL	STEEL		
STR	STAIR		
STRUCT'L	STRUCTURAL		
SUSP	SUSPENDED		
SYM	SYMMETRICAL		
SYS	SYSTEM		
T			
(T) or TEMP	TEMPORARY		
T	THICKNESS		
T&B	TOP AND BOTTOM		
T&G	TONGUE & GROOVE		
TC	TOP OF CURB		
TERM	TERMINATION		
T/O	TOP OF		
TOB	TOP OF BEAM		
TOJ	TOP OF JOIST		
TOS	TOP OF STEEL		
TOW	TOP OF WALL		
TPO	THERMOPLASTIC POLYOEFIN		
TRANS	TRANSVERSE		
TS	TUBE STEEL		
TSTAT	THERMOSTAT		
TYP	TYPICAL		
U			
UG	UNDERGROUND		
UNO	UNLESS NOTED OTHERWISE		
V			
VB	VAPOR BARRIER		
VCT	VINYL COMPOSITE TILE		
VERT	VERTICAL		
W			
W	WIDTH		
W/	WITH		
WD	WOOD		
WHSR	WASHER		
WIN	WINDOW		
W/O	WITHOUT		
WP	WATERPROOF		
WR	WATER RESISTANT		
WRK PNT	WORKING POINT		
WRB	WEATHER RESISTIVE MEMBRANE		
WS	WATER STOP		
WSTP	WEATHER STRIPPING		
WTR	WATER		
WWF	WELDED WIRE FABRIC		

CONTACT LIST

OWNER

CITY OF PLYMOUTH
ADDRESS: 3400 PLYMOUTH BLVD.
PLYMOUTH, MN 55447

POC: CITY OF PLYMOUTH
E-MAIL: AEHANSON@PLYMOUTH.GOV
PHONE: (515) 570-5307

ENGINEER OF RECORD

LERCH BATES, INC.
ADDRESS: 7625 GOLDEN TRIANGLE DRIVE
SUITE T
EDEN PRAIRIE, MN 55344

POC: ANNA MCMURTRY - CONSULTANT II
E-MAIL: anna.mcmurtry@lerchbates.com
PHONE: (612) 456-0289

SHEET LEGEND	
SHEET No.	SHEET TITLE
G000	COVER SHEET AND GENERAL NOTES
A100	FLOOR PLANS
A101	ELEVATIONS
A500	SECTION/ELEVATIONS
A501	DETAILS
A502	DETAILS

AERIAL VIEW - SOUTH FACING

SCALE: NTSC

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LERCH BATES INC.

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EDEN PRAIRIE, MN 55344
1-866-552-5246 (nationwide)
612-284-7080 (tel)

www.lerchbates.com

PLYMOUTH CITY HALL
FACADE AND PLAZA REPAIRS
3400 PLYMOUTH BLVD
PLYMOUTH, MN 55447

JOB No:	R0100049785
TASK:	310
ISSUE DATE:	06/19/2025
DRAWN BY:	AEM/EJT
CHECKED:	TLO

DRAWING STATUS:
BID SET

PROFESSIONAL ENGINEER

I hereby certify that this plan, specification, or report was prepared by me of under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota

Print Name: Anna E. McMurtry
Signature:
Date: 6/19/2025 License #: 61180

REVISION HISTORY:

#	DATE	NOTES

SHEET No:

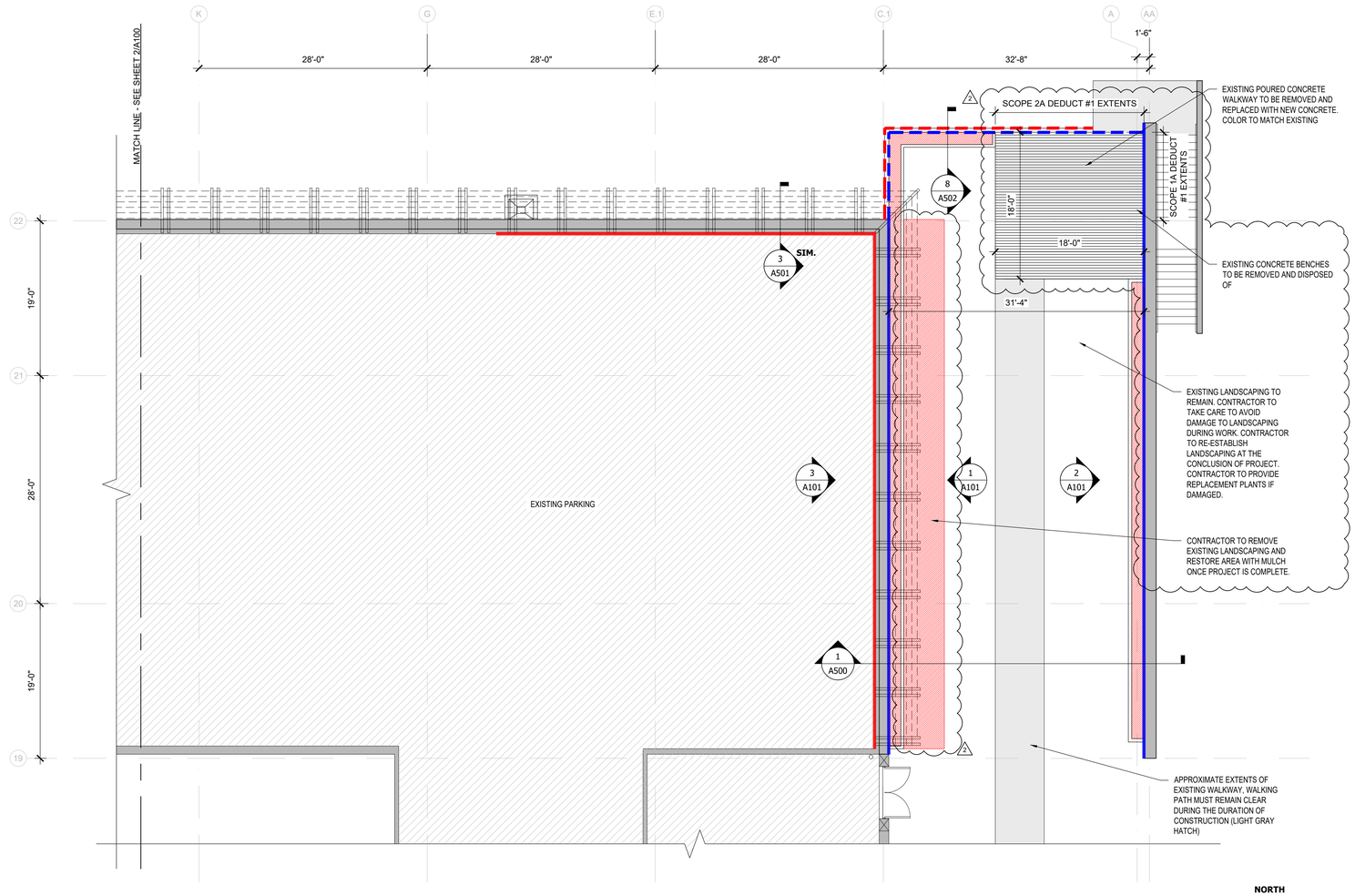
G000

COVER SHEET

ORIGINAL SHEET SIZE 24x36

REPAIR SCOPE LEGEND

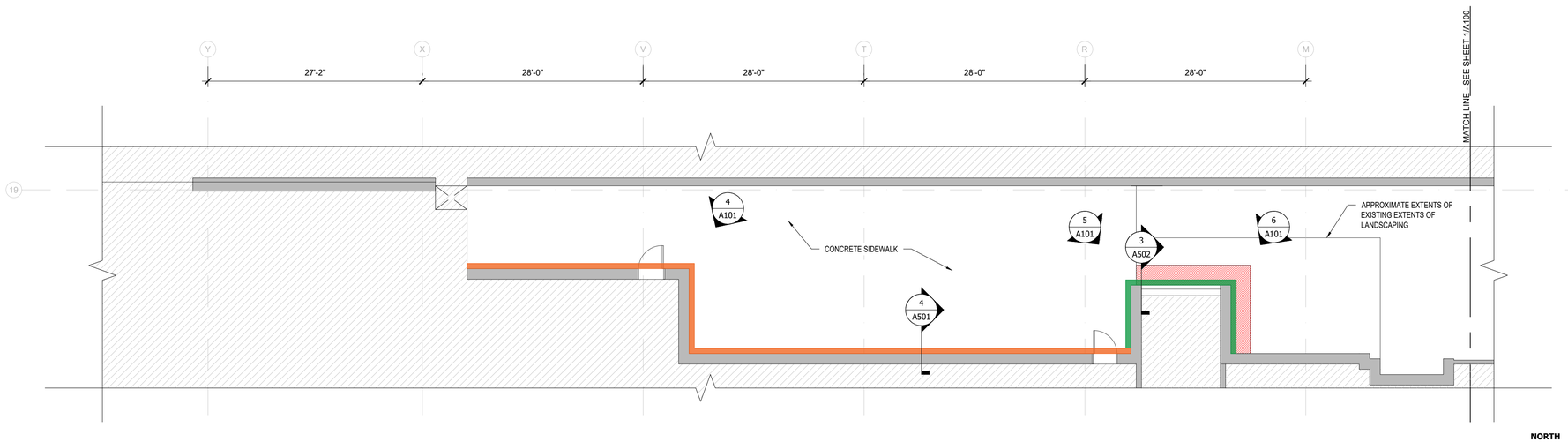
- SCOPE 1A
- SCOPE 2A
- SCOPE 1B
- SCOPE 2B
- SCOPE C
- SCOPE D
- ROCK/LANDSCAPE REMOVAL AND RE-INSTALLATION
- CONCRETE REMOVAL AND RE-INSTALLATION



1 A100 ROOF TOP PARKING/PLAZA PLAN - AREA A

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

NORTH



2 A100 ROOF TOP/ENTRANCE PLAN - AREA B

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

NORTH

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REVISION HISTORY:

#	DATE	NOTES
2	07/09/2025	ADDENDUM 2

SHEET No:
A100
FLOOR PLANS

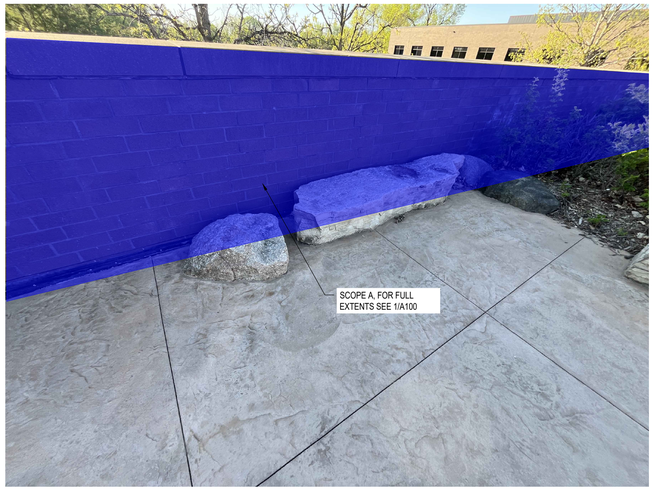
ORIGINAL SHEET SIZE 24x36

REPAIR SCOPE LEGEND

- SCOPE 1A
- SCOPE 2A
- SCOPE 1B
- SCOPE 2B
- SCOPE C
- SCOPE D
- ROCK/LANDSCAPE REMOVAL AND RE-INSTALLATION
- CONCRETE REMOVAL AND RE-INSTALLATION

1 A101 WEST WALL - SCOPE A

SCALE: N.T.S.

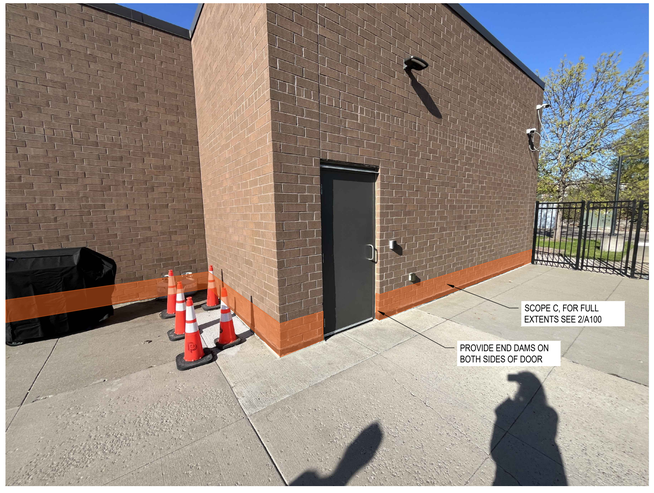


2 A101 EAST WALL - SCOPE A

SCALE: N.T.S.

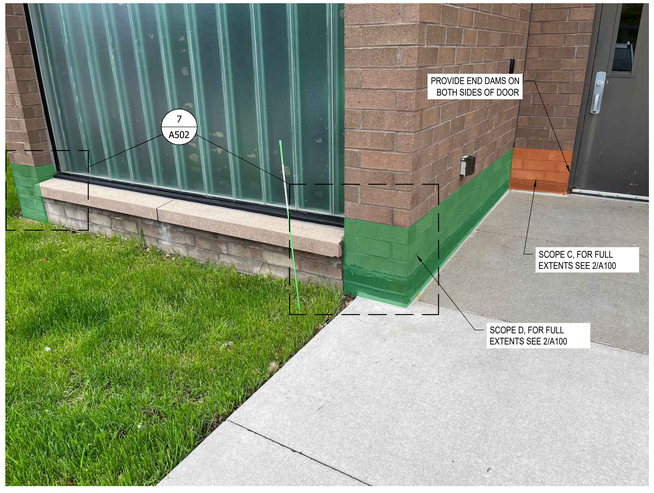
3 A101 EXPOSED CMU SIDE OF WALL - SCOPE B

SCALE: N.T.S.



4 A101 SOUTH WALL - SCOPE C

SCALE: N.T.S.



5 A101 STAIR E CORNER - SCOPE C AND D

SCALE: N.T.S.

6 A101 STAIR E CORNER - SCOPE D

SCALE: N.T.S.

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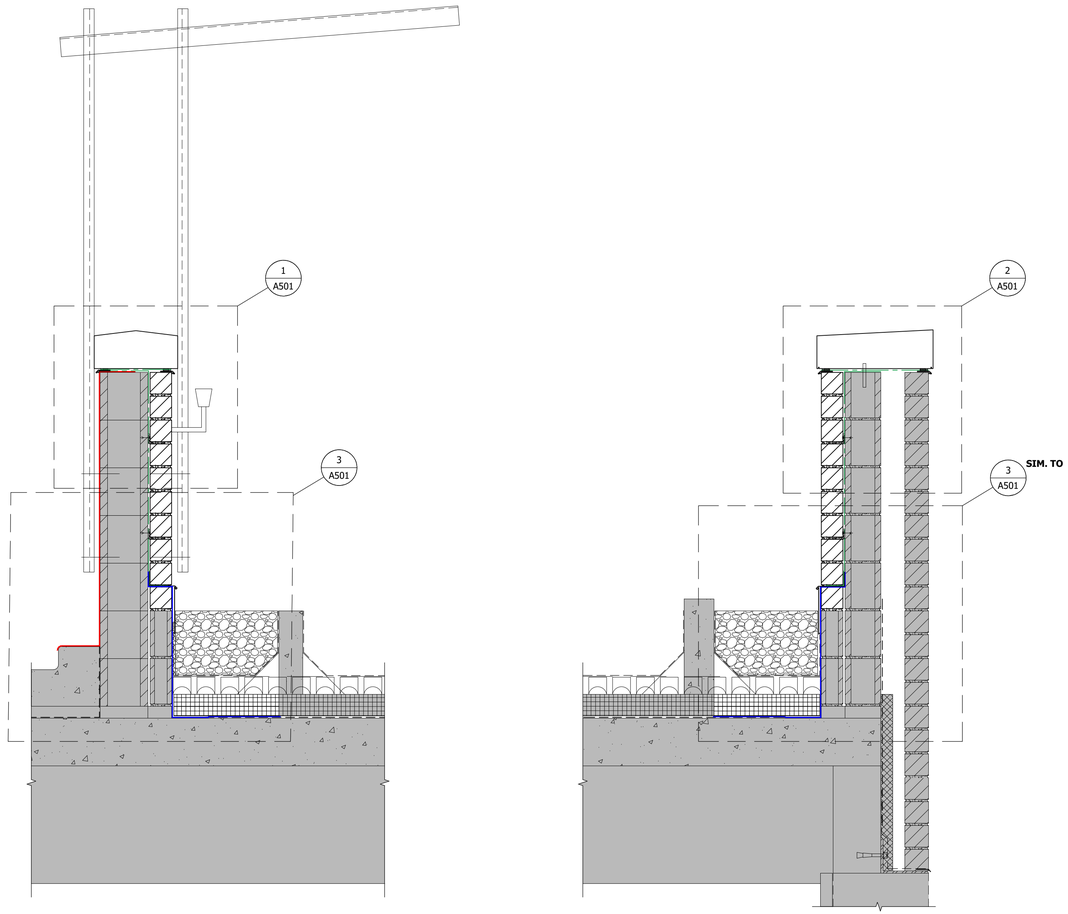
Date: 6/19/2025 License #: 61180

REVISION HISTORY:

#	DATE	NOTES
1	6/20/25	Addendum 1

SHEET No:
A101
ELEVATIONS

ORIGINAL SHEET SIZE 24x36



1 A500 SECTION @ PLAZA - SCOPE A AND B

SCALE: 1" = 1'-0"

2 A500 SCOPE 2A AND CONCRETE SLAB REMOVAL EXTENTS

SCALE: N.T.S.

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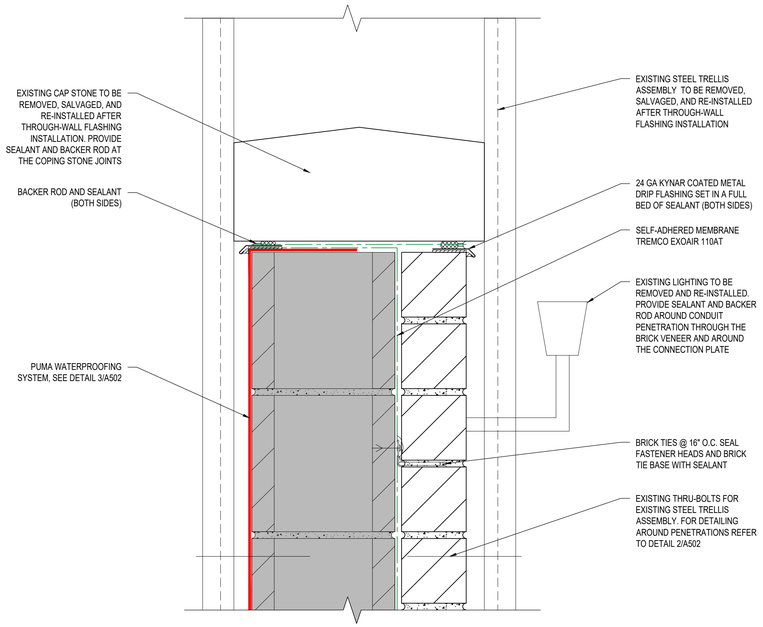
#	DATE	NOTES
2	07/08/2025	ADDENDUM 2

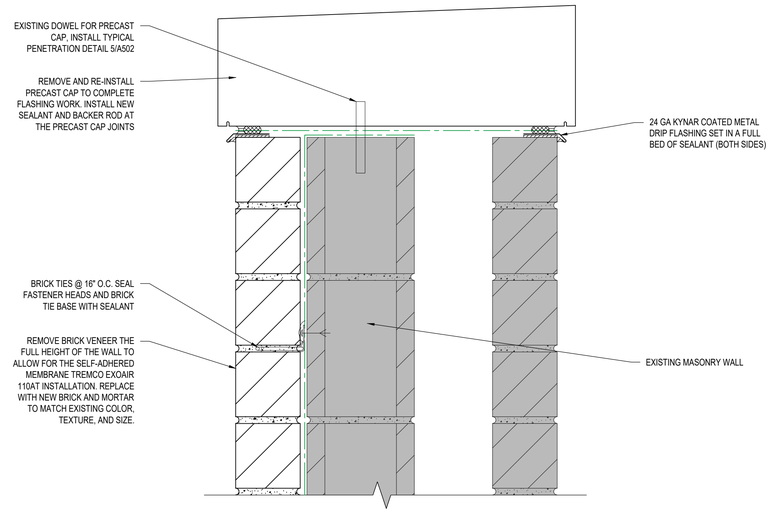
SHEET No:
A500
SECTIONS/ELEVATIONS

ORIGINAL SHEET SIZE 24x36



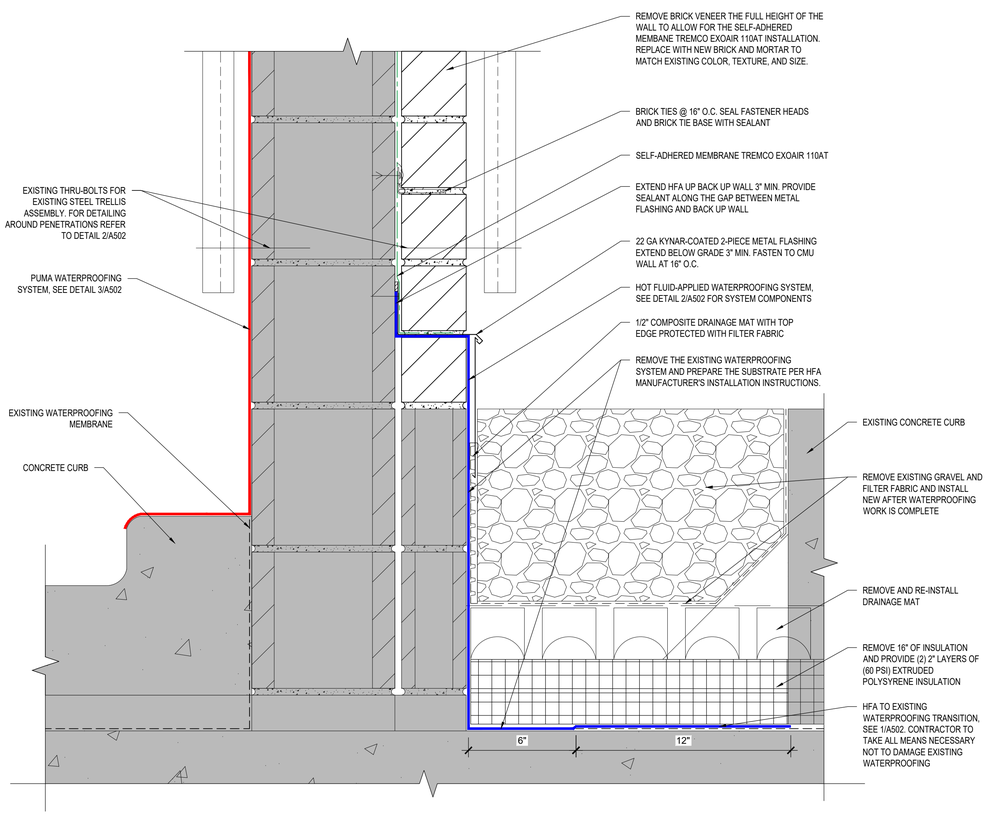
1 A501 DETAIL @ MASONRY CAP

SCALE: 3" = 1'-0"



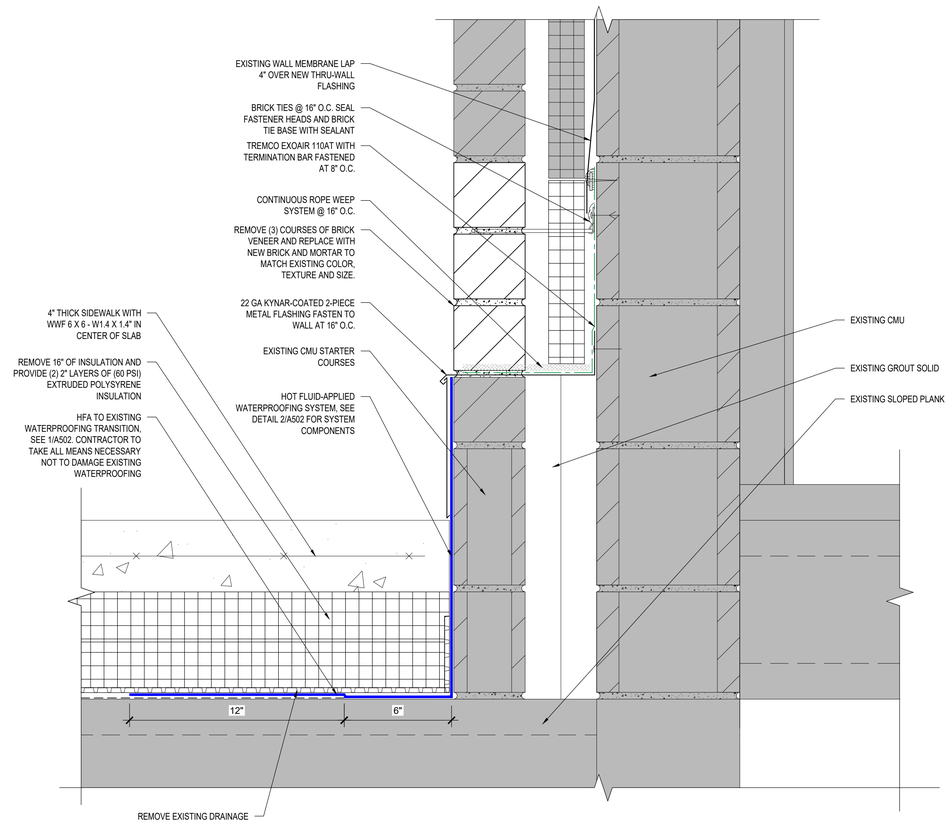
2 A501 DETAIL @ MASONRY CAP

SCALE: 3" = 1'-0"



3 A501 SECTION @ PARKING - SCOPE A AND B

SCALE: 3" = 1'-0"



4 A501 DETAIL @ ROOF PARKING - SCOPE C

SCALE: 3" = 1'-0"

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Signature: Anna McMurtry

Date: 6/19/2025 License #: 61180

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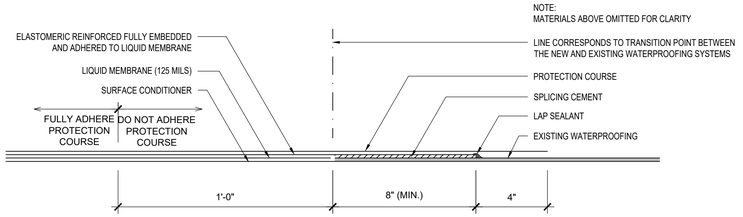
#	DATE	NOTES

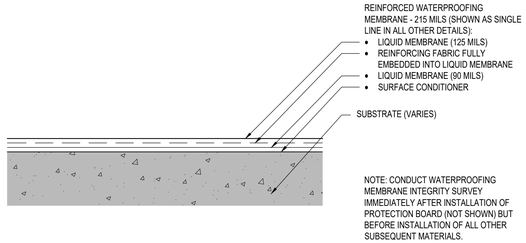
SHEET No:
A501
DETAILS

ORIGINAL SHEET SIZE 24x36



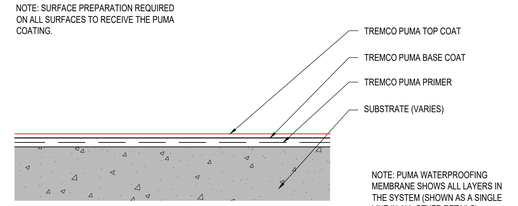
1 A502 HORIZONTAL AND VERTICAL TIE-IN

SCALE: 3" = 1'-0"



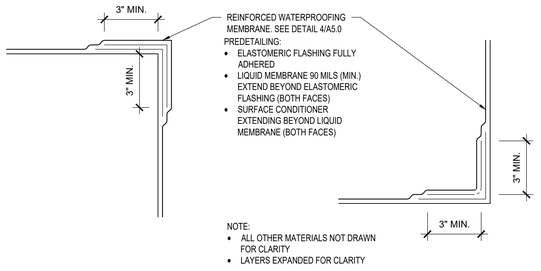
2 A502 REINFORCED WATERPROOFING MEMBRANE

SCALE: NOT TO SCALE



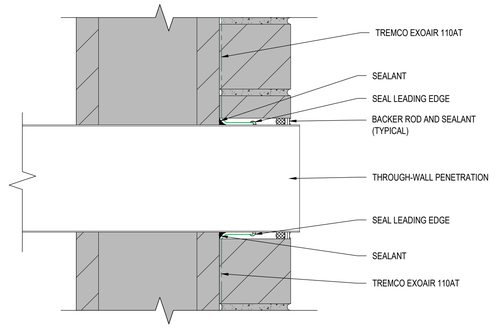
3 A502 PUMA WATERPROOFING MEMBRANE

SCALE: NOT TO SCALE



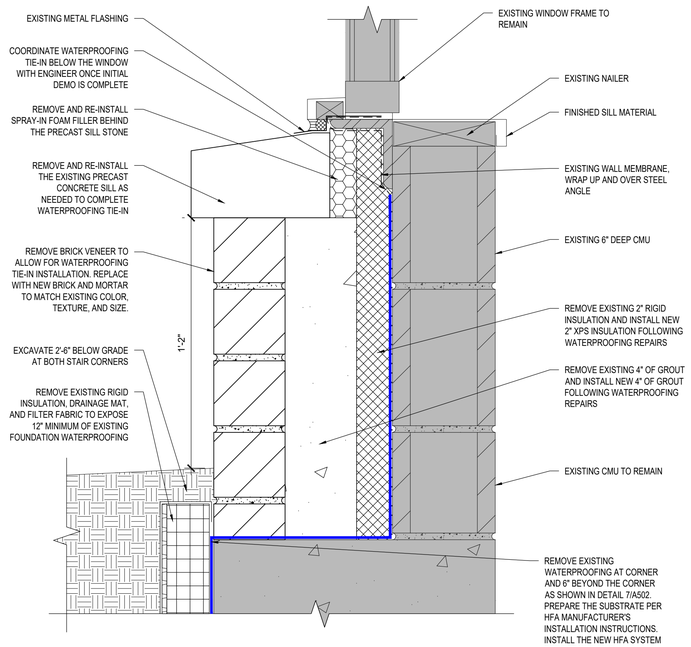
4 A502 WATERPROOFING DETAIL AT PLANE CHANGE

SCALE: 3" = 1'-0"



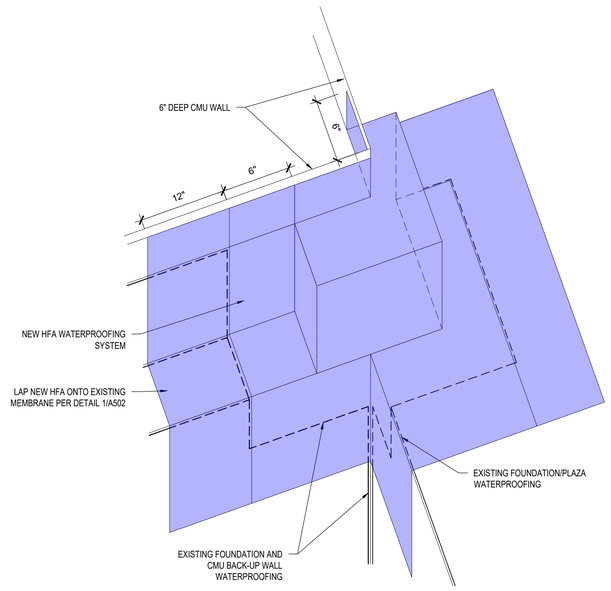
5 A502 TYPICAL WEATHER BARRIER PENETRATION DETAIL

SCALE: NOT TO SCALE



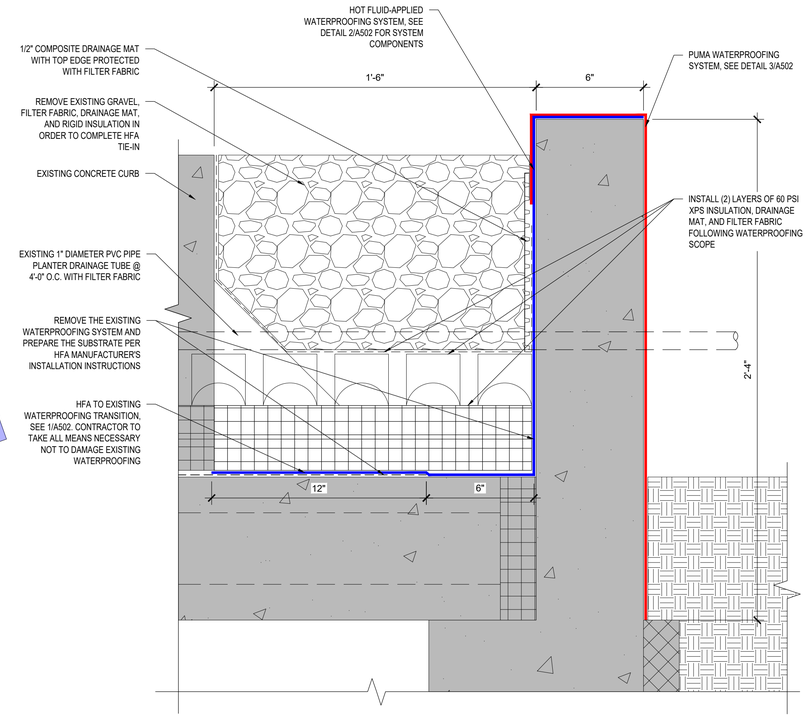
6 A502 WINDOW SILL DETAIL @ STAIR E - SCOPE D

SCALE: 3" = 1'-0"



7 A502 STAIR E CORNER WATERPROOFING ISOMETRIC

SCALE: N.T.S.



8 A502 GREEN ROOF EDGE DETAIL

SCALE: 3" = 1'-0"

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Print Name: Anna E. McMurtry
Signature:
Date: 6/19/2025 License # 61180

REVISION HISTORY:

#	DATE	NOTES

SHEET No:
A502
DETAILS

ORIGINAL SHEET SIZE 24x36

Project: Plymouth City Hall Façade and Plaza Repairs

Site Visit – July 1st at 1:00pm

Name:	Company	Email
Charles Anfren	Infinity Scaffold	charles@infinityscaffold.com
Tony Sparks	Infinity Scaffold	tony@infinityscaffold.com
Jerry Roy Jon Soderlind	equity Builders	estimator@equitybuilderscompany.com
Tyler Handeland	eRoof	Tyler@eRoofquote.com
CARL BERTHOT	BRC	CARL@BUILDINGRESTORATION.COM
JIM DOLBY	INNOVATIVE MASONRY RESTORATION LLC	jim@imrestoration.com
Ross Babcock	Advanced Masonry Restoration	RbabcockeAdvancedMasonry.com
Camryn Pratt Jared Lorenzen	American masonry Restoration	CamrynPratt@americanmasonry.net
DAVE PARLY	Cobra Construction	dparly@cobra-construction.com
TOR OKSNEVAD	LERCH BATES	TOR.OKSNEVAD@LERCHBATES.com
Anna McMurtry	Lerch Bates	anna.murtry@lerchbates.com