BLOOMINGTON CIVIC PLAZA SITE IMPROVEMENTS & FIRE STATION 3 CONCRETE REPAIR

Means of Egress shall be maintained at all times during construction, demolition, remodeling, alterations, and additions to any building (MBC 3310.2)

This plan must be kept on-site and made available to the inspector during ALL inspections.

Any alterations to these plans must be submitted to the City Plans Examiner for review.

All work subject to field inspection prior to final.

Final inspection may not be scheduled until all trade permits are approved and inspections passed.

SEPARATE TRADE PERMITS REQUIRED

Reviewed for Code Compliance

Plan #: PRPK202504861

Date: 05/16/2025 **Reviewer:** N. Kastern

ABBREVIATIONS:

A	
ACC	ACCESSIBLE
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE OR ADJACENT
AED	AUTOMATIC EXTERNAL DEFIBRILLATOR
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
AP	ACCESS PANEL
APC	ACOUSTICAL PANEL CEILING
APPX	APPROXIMATE
ARCH	ARCHITECTURAL OR ARCHITECT
ASI	ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS
AUTO	AUTOMATIC
AV	AUDIO-VISUAL
AVG	AVERAGE
AWP	ACOUSTIC(AL) WALL PANEL
L ( )	ANGLE

B	
BD	BOARD
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM OR BENCH MARK
BO	BOTTOM OF
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT UP ROOF(ING)

C	
C	CHANNEL
CCD	CONSTRUCTION CHANGE DIRECTIVE
CFMF	COLD FORMED METAL FRAMING
CG	CORNER GUARD
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR OR CLEARANCE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
CO	CHANGE ORDER
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECT(ED) OR CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CR	CARD READER
CSK	COUNTERSINK
CT	CERAMIC TILE
CTR	CENTER
CU	CUBIC
CUH	CABINET UNIT HEATER
CY	CUBIC YARD
CYL	CYLINDER

D	
DBL	DOUBLE
DEMO	DEMOLITION OR DEMOLISH
DPT	DEPARTMENT
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DS	DOWN SPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER

E	
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATED FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
ENG	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION OR EXPOSED
EXT	EXTERIOR
EXTR	EXTRUDED OR EXTRUSION

F	
FCBRK	FACE BRICK
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISHED FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FIN	FINISH OR FINISHED
FIX	FIXTURE
FL	FLOOR
FLASH	FLASHING
FLUOR	FLUORESCENT
FO	FIELD ORDER
FP	FIREPROOF(ING)
FR	FRAME
FRMG	FRAMING
FRP	FIBERGLASS REINFORCED PLASTIC
FT (')	FOOT OR FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FVC	FIRE VALVE CABINET

G	
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLASS OR GLAZING
GYP	GYPSUM
GYP BD	GYPSUM BOARD

H	
HB	HOSE BIBB
HDR	HEADER
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING

I	
ID	INSIDE DIAMETER
IN(")	INCH(ES)
INCL	INCLUDE(D) OR INCLUDING
INSUL	INSULATION OR INSULATING
INT	INTERIOR

J	
JAN	JANITOR
JBE	JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT

K	
KO	KNOCK OUT

L	
LAB	LABORATORY
LAM	LAMINATE(D)
LAV	LAVATORY
LB	POUND(S)
LF	LINEAR FEET
LTG	LIGHTING
LTWT	LIGHT WEIGHT
LVR	LOUVER

M	
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MEP	MECHANICAL, ELECTRICAL AND PLUMBING
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MKR BD	MARKER BOARD
MO	MASONRY OPENING
MOD	MODULAR
MP	METAL PANEL
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MW	MICROWAVE

N	
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE

O	
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OS	OVERFLOW SCUPPER
OH	OVERHANG/OVERHEAD
OH DR	OVERHEAD DOOR
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OZ	OUNCE

P	
PAR	PARALLEL
PD	PROJECT DIRECTIVE
PED	PEDESTAL
PERP	PERPENDICULAR
PL	PLATE
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PR	PAIR
PR	PROPOSAL REQUEST
PREFAB	PREFABRICATED
PSI	POUNDS PER SQUARE INCH
PT	PAINT
PTD	PAINTED
PTN	PARTITION

Q	
QS	QUARTZ SURFACING
QT	QUARRY TILE
QTY	QUANTITY

R	
R	RADIUS OR RISER
RAD	RADIATOR OR RADIATION
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECEP	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCE
REQD	REQUIRED
RET	RETURN
RF	RESILIENT FLOOR(ING)
RFI	REQUEST FOR INFORMATION
RM	ROOM
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
RUB	RUBBER
RVL	REVEAL
RVS	REVERSE

S	
S	SOUTH
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SLNT	SEALANT
SOG	SLAB ON GRADE
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	SOLID SURFACE
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STN	STONE
STOR	STORAGE
STRUCT	STRUCTURAL OR STRUCTURE
SURF	SURFACE
SUSP	SUSPEND(ED)
SYM	SYMMETRICAL
SYS	SYSTEM

T	
T	TREAD
TEMP	TEMPERATURE OR TEMPERED
TER	TERRAZZO
TG	TONGUE AND GROOVE
THK	THICK(NESS)
THRES	THRESHOLD
TKBD	TACK BOARD
TO	TOP OF
TRANS	TRANSVERSE
TS	TUBE STEEL
TYP	TYPICAL

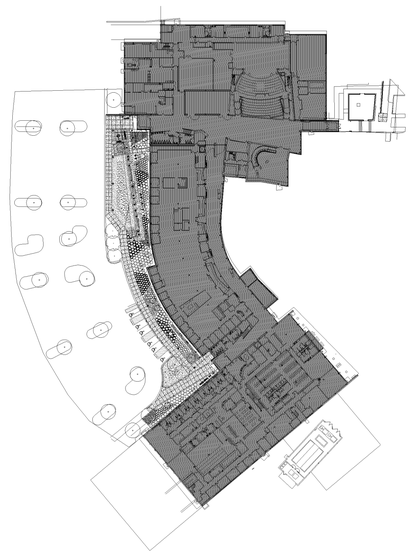
U	
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE

V	
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VFY	VERIFY
VIF	VERIFY IN FIELD
VR	VAPOR RETARDER
VTR	VENT THRU ROOF

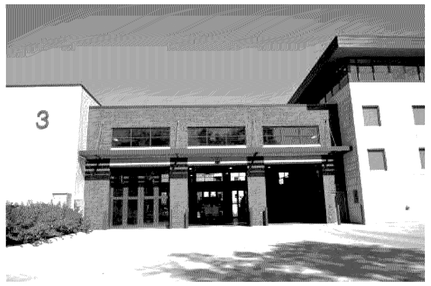
W	
W	WEST
W/	WITH
W/O	WITHOUT
WC	WALL COVERING OR WATER CLOSET
WD	WOOD
WDW	WINDOW
WF	WIDE FLANGE
WT	WEIGHT
WWF	WELDED WIRE FABRIC

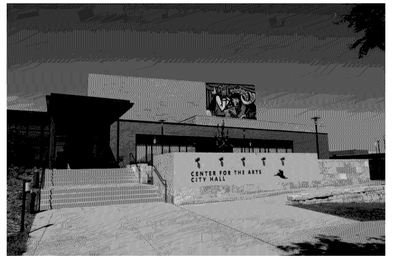
Y	
YD	YARD

1D ALLIIANCE ABBREVIATIONS
12" = 1'-0"



4B CIVIC PLAZA SITE IMPROVEMENT KEY PLAN
1" = 100'-0"





BLOOMINGTON FIRE STATION 3
2301 E 86TH STREET
BLOOMINGTON, MN 55425

4D FIRE STATION 3 LOCATION PLAN
12" = 1'-0"

BLOOMINGTON CIVIC PLAZA
1800 WEST OLD SHAKOPEE ROAD
BLOOMINGTON, MN 55431

5D CIVIC PLAZA LOCATION PLAN
NTS

DRAWING INDEX

Sheet Number	Sheet Name
g0.01	DRAWING INDEX, LOCATION PLANS
g0.02	FS3 KEY PLAN
C-100	EXISTING CONDITIONS
C-105	DEMOLITION PLAN
C-200	OVERALL SITE & GRADING PLAN
C-201	SITE & GRADING PLAN
C-202	SITE & GRADING PLAN
C-500	DETAILS
C-501	DETAILS
L 1.0	SITE PLAN
L 1.1	LAYOUT PLAN
L 2.0	PLANTING PLAN
L 3.0	DETAILS
s0.01	STRUCTURAL LEGEND NOTES
s0.02	GENERAL STRUCTURAL NOTES
s1.01	FOUNDATION PLANS
s1.02	SECTION DETAILS
e0.0	ELECTRICAL TITLE SHEET
ed0.01	ELECTRICAL SITE DEMOLITION PLAN
e0.01	ELECTRICAL SITE PLAN
e1.01	ELECTRICAL DETAILS AND SCHEDULES

PROJECT
Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT
City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **Alliance**
BY
NAME **Ken Sheehan**
DATE **2025.04.29**
REG NO. **43965**

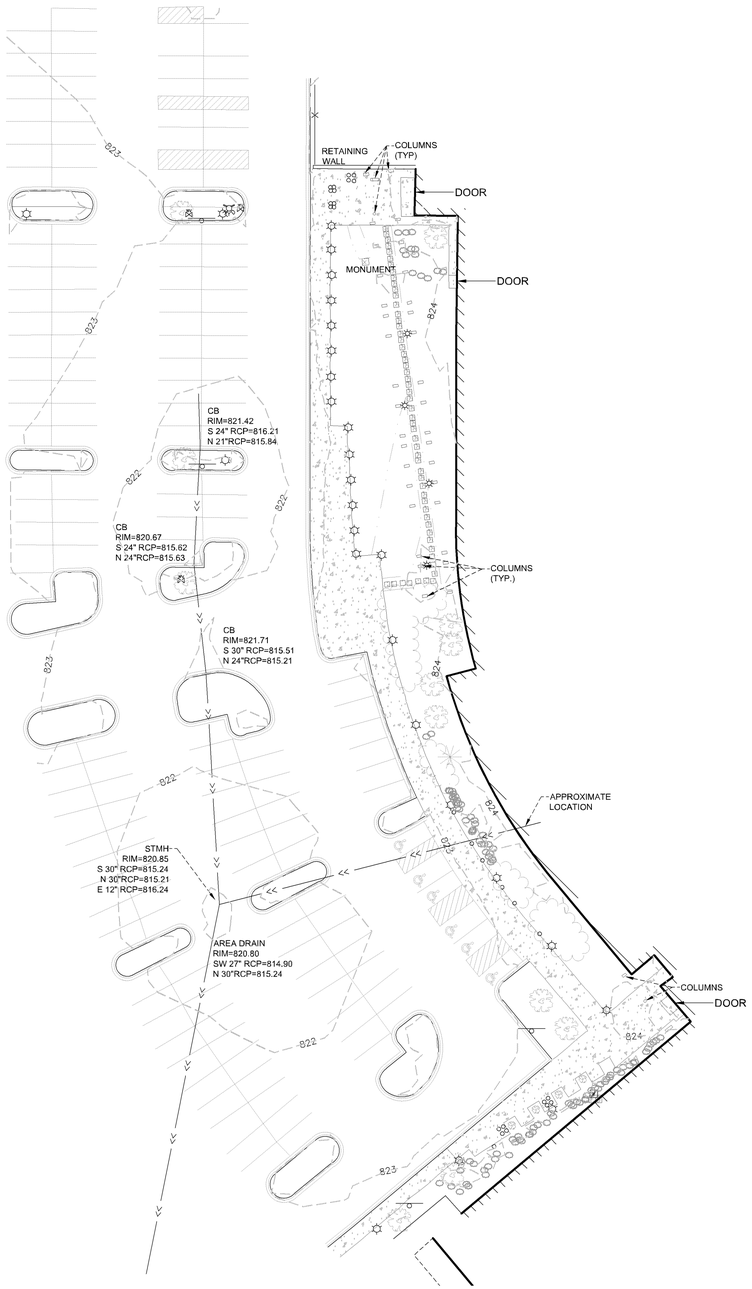
ISSUED FOR	DATE
BID SET	**04.29.2025**

COMMISSION NO **2025008-08 (2023003-09)**

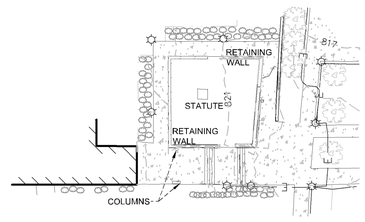
ALLIANCE

DRAWING INDEX, LOCATION PLANS

g0.01



1 C-100 PROJECT AREA A
1" = 30'



2 C-100 PROJECT AREA B
1" = 30'

LEGEND

EXISTING FEATURES

- PROPERTY LINE
- EASEMENT LINE
- BUILDING WALL
- COLUMN
- TREES
- WETLAND
- WETLAND BUFFER
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND ELECTRICAL LINE
- FIBER OPTIC LINE
- STEAM LINE
- OVERHEAD POWER LINE
- CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- MISC. MANHOLE
- GATE VALVE
- HYDRANT
- FIRE DEPARTMENT CONNECTION
- GAS VALVE
- LIGHT POLE
- GROUND LIGHT
- SIGNAGE
- HAND HOLE
- ELECTRICAL OUTLET
- UTILITY POLE
- TRAFFIC SIGNAL
- MINOR CONTOUR
- MAJOR CONTOUR

PROJECT

Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT

City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **EVS, Inc.**
BY
NAME **Daniel E. Bowar**
DATE **2025.04.29**
REG NO. **45018**

ISSUED FOR	DATE
BID SET	**04.29.2025**

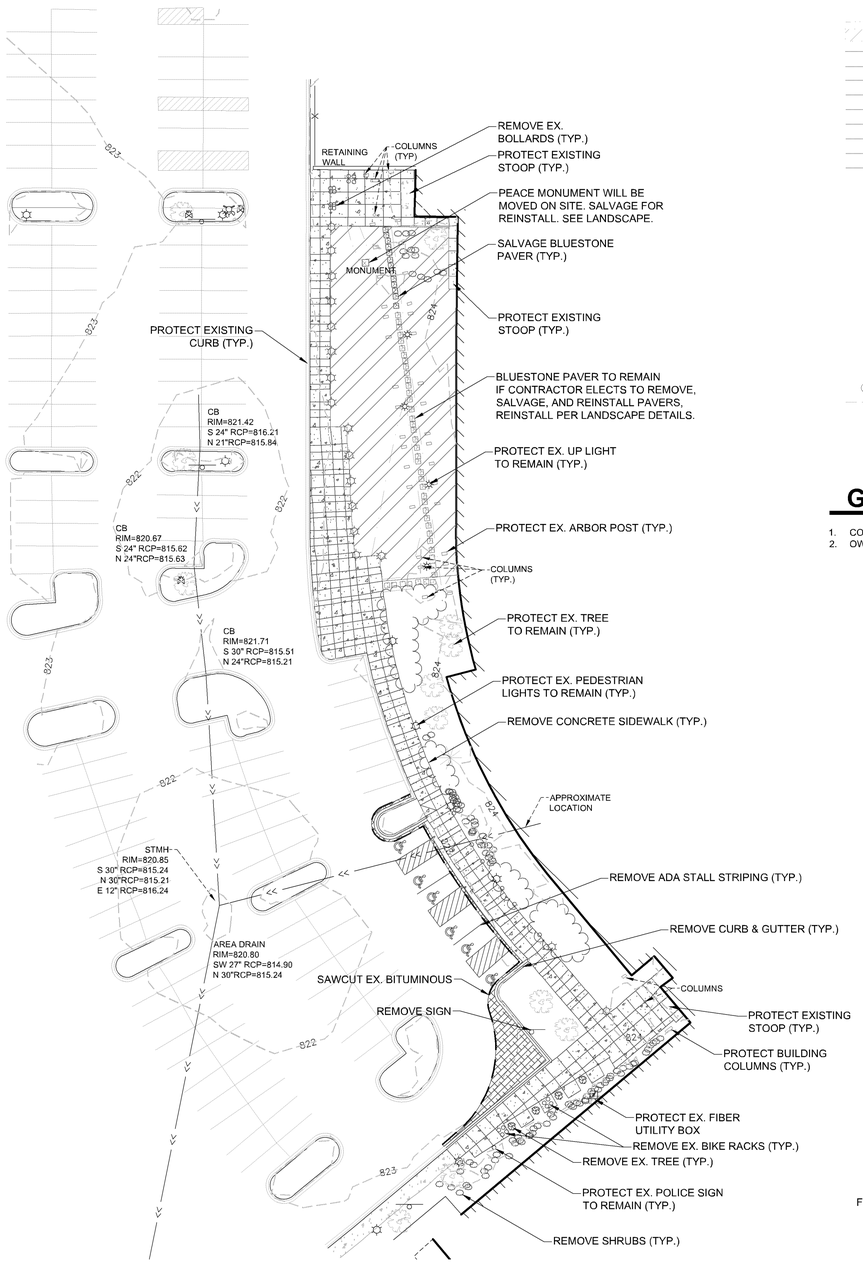
COMMISSION NO **2025008-08 (2023003-09)**

NORTH
0 30 60 FT
1 2 IN
DRAWING SCALES APPLY TO 22" x 34" SHEETS

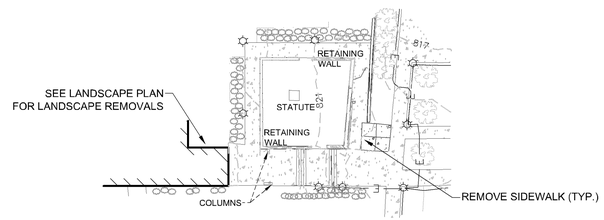
ALLIIANCE

EXISTING CONDITIONS

C100



1 C-100 PROJECT AREA A
1" = 30'



2 C-100 PROJECT AREA B
1" = 30'

LEGEND

EXISTING FEATURES

- PROPERTY LINE
- EASEMENT LINE
- BUILDING WALL
- COLUMN
- TREES
- WETLAND
- WETLAND BUFFER
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND ELECTRICAL LINE
- FIBER OPTIC LINE
- STEAM LINE
- OVERHEAD POWER LINE
- CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- MISC. MANHOLE
- GATE VALVE
- HYDRANT
- FIRE DEPARTMENT CONNECTION
- GAS VALVE
- LIGHT POLE
- GROUND LIGHT
- SIGNAGE
- HAND HOLE
- ELECTRICAL OUTLET
- UTILITY POLE
- TRAFFIC SIGNAL
- MINOR CONTOUR
- MAJOR CONTOUR

REMOVALS

- SAWCUT
- UTILITY LINE REMOVAL
- CONCRETE REMOVAL
- BITUMINOUS REMOVAL
- CURB/RETAINING WALL REMOVAL
- SIGNAGE REMOVAL
- TREE REMOVAL
- MANHOLE/CATCH BASIN REMOVAL
- ELECTRICAL UTILITY REMOVAL
- STRUCTURE REMOVAL
- LANDSCAPE REMOVAL
- CONSTRUCTION ZONE

GENERAL NOTES

1. CONTRACTOR TO COORDINATE TIMING OF REMOVALS WITH OWNER PRIOR TO COMMENCING WORK.
2. OWNER TO REMOVE EXISTING BENCHES AND TRASH/RECYCLE RECEPTACLES PRIOR TO START OF CONSTRUCTION.

PROJECT

Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT

City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **EVS, Inc.**
BY
NAME **Daniel E. Bowar**
DATE **2025.04.29**
REG NO. **45018**

ISSUED FOR	DATE
BID SET	**04.29.2025**

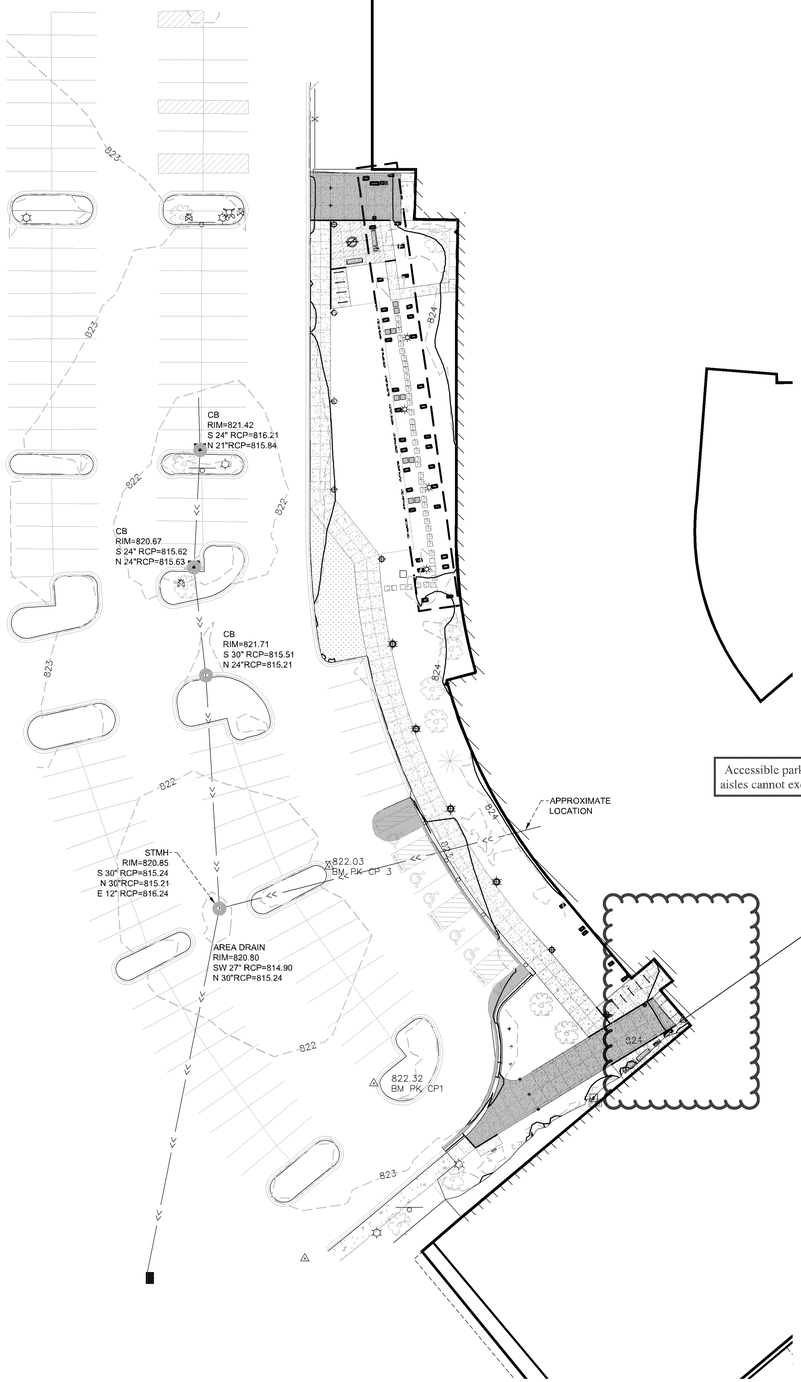
COMMISSION NO **2025008-08 (2023003-09)**

NORTH
0 30 60 FT
1 2 IN
DRAWING SCALES APPLY TO 22" x 34" SHEETS

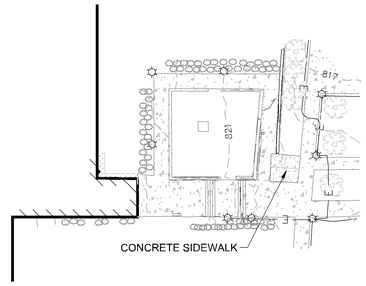
ALLIANCE

DEMOLITION PLAN

C105



1 PROJECT AREA A
C-200 1" = 30'



2 PROJECT AREA B
C-200 1" = 30'

LEGEND

EXISTING FEATURES

- PROPERTY LINE
- EASEMENT LINE
- BUILDING WALL
- COLUMN
- TREES
- WETLAND
- WETLAND BUFFER
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND ELECTRICAL LINE
- FIBER OPTIC LINE
- STEAM LINE
- OVERHEAD POWER LINE
- CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- MISC. MANHOLE
- GATE VALVE
- HYDRANT
- FIRE DEPARTMENT CONNECTION
- GAS VALVE
- LIGHT POLE
- GROUND LIGHT
- SIGNAGE
- HAND HOLE
- ELECTRICAL OUTLET
- UTILITY POLE
- TRAFFIC SIGNAL
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED FEATURES

- SETBACK LINE
- COLOR CONCRETE WALK (SPEC. 2521)
- 4" CONCRETE WALK (SPEC. 2521)
- 6" CONCRETE WALK (SPEC. 2521)
- BITUMINOUS PAVEMENT MATCH EX. SECTION (SPEC. 2360)
- B612 CURB AND GUTTER (SPEC. 2531)
- ROAD CENTERLINE
- GRADING EDGE
- MAJOR CONTOUR
- MINOR CONTOUR
- STORMWATER BASIN
- CONSTRUCTION ZONE
- TREE
- RETAINING WALL
- INLET PROTECTION
- 900.00 TIPOUT — B612 CURB & GUTTER (TIP OUT)
- 900.00 — RIBBON CURB & GUTTER
- 900.00 — PROPOSED GRADE ELEVATION

COLOR CONCRETE WALK

1. COLOR PIGMENT: SPEKTRA "RUSTIC OAK" CPC-138L.
2. LIGHT ACID ETCH: GRACE TOP-CAST 03.
3. CONTRACTOR TO SUBMIT COLOR CHART FOR FINAL SELECTION AND TO HAVE A MOCK-UP FOR FINAL APPROVAL.

TABLE 404.2.3.3
MANEUVERING CLEARANCES AT SLIDING AND FOLDING DOORS

APPROACH DIRECTION	MINIMUM MANEUVERING CLEARANCES	
	Perpendicular to Doorway	Parallel to Doorway (beyond stop or latch side unless noted)
From front	48 inches (1220 mm)	0 inches (0 mm)
From nonlatch side	42 inches (1065 mm)	22 inches (560 mm)[1]
From latch side	42 inches (1065 mm)	24 inches (610 mm)

1. Beyond pocket or hinge side.

PROJECT

Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT

City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **EVS, Inc.**
BY
NAME **Daniel E. Bowar**
DATE **2025.04.29**
REG NO. **45018**

ISSUED FOR	DATE
BID SET	**04.29.2025**

COMMISSION NO **2025008-08 (2023003-09)**

NORTH

0 30 60 FT
1 2 IN
DRAWING SCALES APPLY TO 22" x 34" SHEETS

ALLiiANCE

OVERALL SITE & GRADING PLAN

C-200

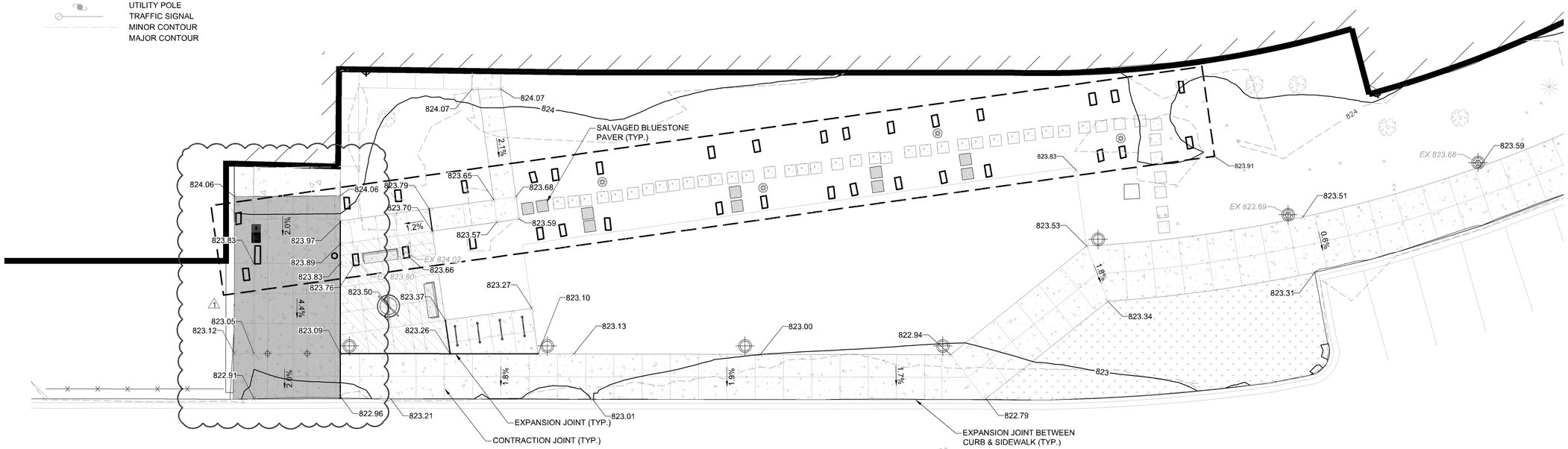
LEGEND

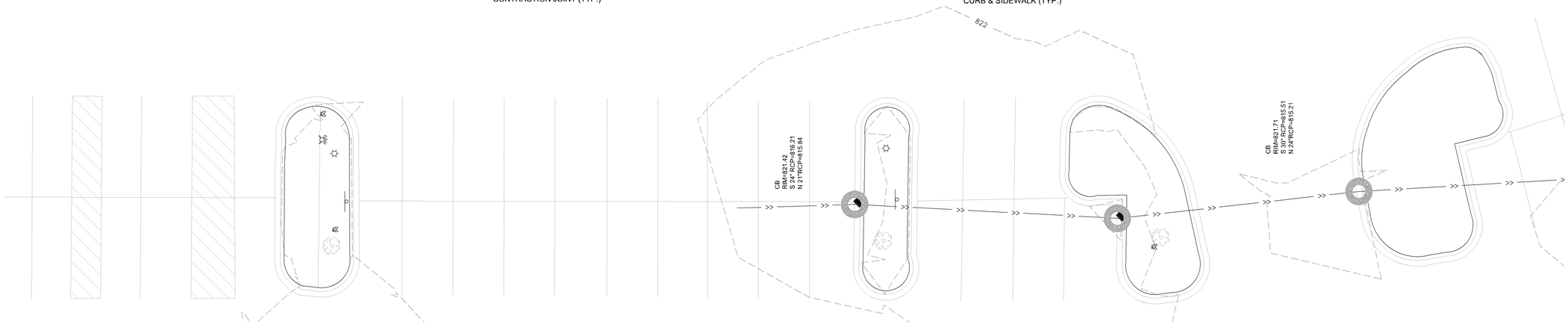
EXISTING FEATURES

- PROPERTY LINE
- EASEMENT LINE
- BUILDING WALL
- COLUMN
- TREES
- WETLAND
- WETLAND BUFFER
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND ELECTRICAL LINE
- FIBER OPTIC LINE
- STEAM LINE
- OVERHEAD POWER LINE
- CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- MISC. MANHOLE
- GATE VALVE
- HYDRANT
- FIRE DEPARTMENT CONNECTION
- GAS VALVE
- LIGHT POLE
- GROUND LIGHT
- SIGNAGE
- HAND HOLE
- ELECTRICAL OUTLET
- UTILITY POLE
- TRAFFIC SIGNAL
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED FEATURES

- SETBACK LINE
- COLOR CONCRETE WALK (SPEC. 2521)
- 4" CONCRETE WALK (SPEC. 2521)
- 6" CONCRETE WALK (SPEC. 2521)
- BITUMINOUS PAVEMENT MATCH EX. SECTION (SPEC. 2360)
- B612 CURB AND GUTTER (SPEC. 2531)
- ROAD CENTERLINE
- GRADING EDGE
- MAJOR CONTOUR
- MINOR CONTOUR
- STORMWATER BASIN
- CONSTRUCTION ZONE
- TREE
- RETAINING WALL
- INLET PROTECTION
- 900.00 TIPOUT — B612 CURB & GUTTER (TIP OUT)
- 900.00 — RIBBON CURB & GUTTER
- 900.00 — PROPOSED GRADE ELEVATION





PROJECT

Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT

City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR	**EVS, Inc.**
BY	
NAME	**Daniel E. Bowar**
DATE	**2025.04.29**
REG NO.	**45018**

ISSUED FOR	DATE
BID SET	**04.28.2025**
1 **PERMIT**	**05.28.2025**

COMMISSION NO **2025008-08 (2023003-09)**

NORTH

0 10 20 FT

1 2 IN

DRAWING SCALES APPLY TO 22" x 34" SHEETS

ALLIANCE

SITE & GRADING PLAN

C-201

LEGEND

EXISTING FEATURES

- PROPERTY LINE
- EASEMENT LINE
- BUILDING WALL
- COLUMN
- TREES
- WETLAND
- WETLAND BUFFER
- STORM SEWER
- SANITARY SEWER
- WATERMAIN
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE LINE
- UNDERGROUND ELECTRICAL LINE
- FIBER OPTIC LINE
- STEAM LINE
- OVERHEAD POWER LINE
- CATCH BASIN
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- MISC. MANHOLE
- GATE VALVE
- HYDRANT
- FIRE DEPARTMENT CONNECTION
- GAS VALVE
- LIGHT POLE
- GROUND LIGHT
- SIGNAGE
- HAND HOLE
- ELECTRICAL OUTLET
- UTILITY POLE
- TRAFFIC SIGNAL
- MINOR CONTOUR
- MAJOR CONTOUR

PROPOSED FEATURES

- SETBACK LINE
- COLOR CONCRETE WALK (SPEC. 2521)
- 4" CONCRETE WALK (SPEC. 2521)
- 6" CONCRETE WALK (SPEC. 2521)
- BITUMINOUS PAVEMENT MATCH EX. SECTION (SPEC. 2360)
- B612 CURB AND GUTTER (SPEC. 2531)
- ROAD CENTERLINE
- GRADING EDGE
- MAJOR CONTOUR
- MINOR CONTOUR
- STORMWATER BASIN
- CONSTRUCTION ZONE
- TREE
- RETAINING WALL
- INLET PROTECTION
- 900.00 TIPOUT — B612 CURB & GUTTER (TIP OUT)
- 900.00 — RIBBON CURB & GUTTER
- 900.00 — PROPOSED GRADE ELEVATION

Landing infront of the sliding door must be a min of 48" for the entire door opening.

See attached handout for more information

Accessible route from access aisles to the entrance doors:

Walking surfaces shall be no steeper than 1:20, with a cross slope no more than 1:48. The clear width of accessible route shall be 48" min. (MAC 403, & 403.5.4))

"NO PARKING" SIGN REQUIRED:

Access Aisles shall be marked with a sign to discourage parking in them. The "no parking" designation shall be provided on a sign centered at the head of the access aisle and maximum of 96" from the access aisle, adn be mounted 60"-66" above the floor of the access aisle. (MAC 502.4)

EXPANSION MATERIAL AGAINST BUILDING AND STOOP (TYP.)

APPROXIMATE LOCATION

6' CURB TRANSITION

RIBBON CURB & GUTTER

CONTRACTION JOINT (TYP.)

EXPANSION JOINT (TYP.)

B612 CURB & GUTTER SEE DETAIL 3/C-500

PAINT CURB YELLOW START

PAINT CURB YELLOW END

RIBBON CURB & GUTTER SEE DETAIL 3/C-500

BITUMINOUS PAVEMENT MATCH EXISTING SECTION

HANDICAP PARKING SIGN WITH BOLLARD (TYP.) SEE DETAIL 2/C-501

14' CURB TRANSITION

NO PARKING

R45'

822.32 BM PK CP1

822.03 BM PK CP 3

NORTH

0 10 20 FT

1 2 IN

DRAWING SCALES APPLY TO 22" x 34" SHEETS

PROJECT

Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT

City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **EVS, Inc.**
BY
NAME **Daniel E. Bowar**
DATE **2025.04.29**
REG NO. **45018**

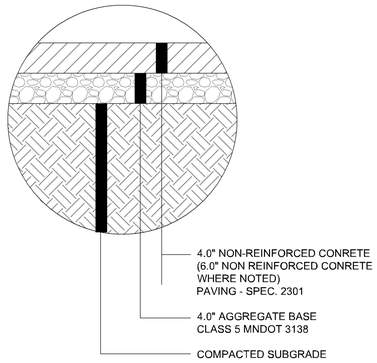
ISSUED FOR	DATE
BID SET	04.29.2025

COMMISSION NO **2025008-08 (2023003-09)**

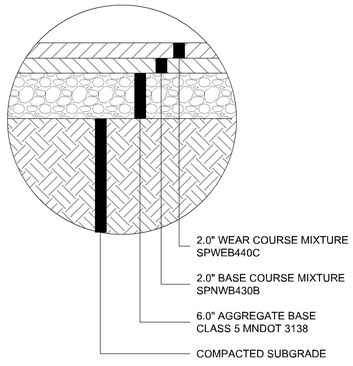
ALLIANCE

SITE & GRADING PLAN

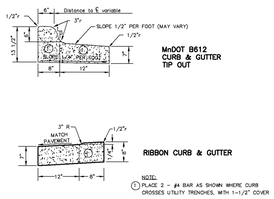
C-202



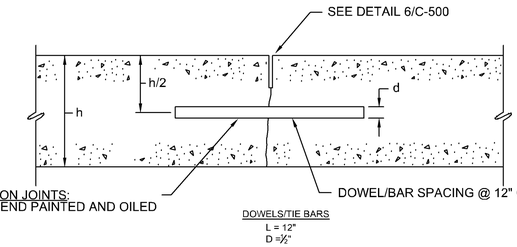
1 C-500 CONCRETE SIDEWALK
NOT TO SCALE



2 C-500 BITUMINOUS PAVEMENT
NOT TO SCALE

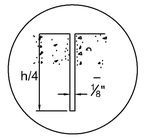


3 C-500 CONCRETE CURB & GUTTER
NOT TO SCALE



NOTE:
OMIT DOWELS/BARS AT CONTRACTION JOINTS.

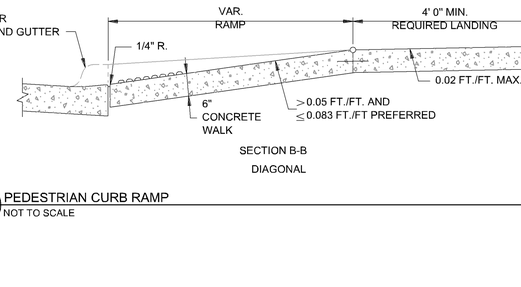
5 C-500 CONCRETE PAVEMENT CONSTRUCTION AND CONTRACTION JOINTS
NOT TO SCALE



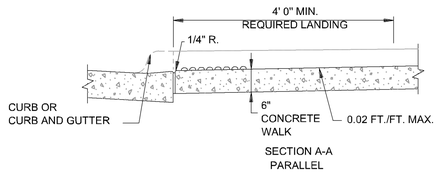
A SAWED

NOTE: PROVIDE SAWN CONTRACTION JOINTS IF SLIPFORM METHOD OF PLACEMENT IS CHOSEN.

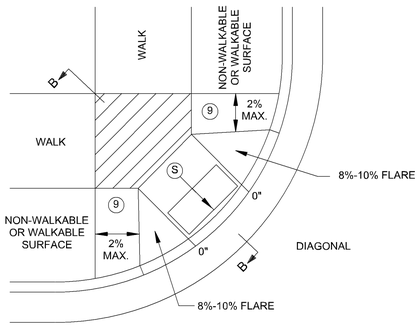
6 C-500 CONCRETE CONTRACTION JOINTS
NOT TO SCALE



PARALLEL



SECTION A-A
PARALLEL



SECTION B-B
DIAGONAL

4 C-500 PEDESTRIAN CURB RAMP
NOT TO SCALE

NOTES:

LANDINGS SHALL BE LOCATED ANYWHERE THE PEDESTRIAN ACCESS ROUTE (PAR) CHANGES DIRECTION, AT THE TOP OF RAMPS THAT HAVE RUNNING SLOPES GREATER THAN 5.0%, AND IF THE APPROACHING WALK IS INVERSE GRADE GREATER THAN 2%.

INITIAL CURB RAMP LANDINGS SHALL BE CONSTRUCTED WITHIN 15' FROM THE BACK OF CURB, WITH 6' FROM THE BACK OF CURB BEING THE PREFERRED DISTANCE, ONLY APPLICABLE WHEN THE INITIAL RAMP RUNNING SLOPE IS OVER 5.0%.

SECONDARY CURB RAMP LANDINGS ARE REQUIRED FOR EVERY 30" OF VERTICAL RISE WHEN THE LONGITUDINAL RUNNING SLOPE IS GREATER THAN 5.0%.

CONTRACTION JOINTS SHALL BE CONSTRUCTED ALONG ALL GRADE BREAKS WITHIN THE PAR. 1/4" DEEP VISUAL JOINTS SHALL BE USED AT THE TOPS OF CONCRETE FLARES ADJACENT TO WALKABLE SURFACES.

ALL GRADE BREAKS WITHIN THE PAR SHALL BE PERPENDICULAR TO THE PATH OF TRAVEL. THUS BOTH SIDES OF A SLOPED WALKING SURFACE MUST BE EQUAL LENGTH. (EXCEPT AS STATED IN (6) BELOW.

TO ENSURE INITIAL RAMPS AND INITIAL LANDINGS ARE PROPERLY CONSTRUCTED, LANDINGS SHALL BE CAST SEPARATELY. FOLLOW SIDEWALK REINFORCEMENT DETAILS ON SHEET 6 AND THE ADA SPECIAL PROVISIONS - PROSECUTION OF WORK (ADA).

TOP OF CURB SHALL MATCH PROPOSED ADJACENT WALK GRADE.

WHEN THE BOULEVARD IS 4' WIDE OR LESS, THE TOP OF CURB TAPER SHALL MATCH THE RAMP SLOPES TO REDUCE NEGATIVE BOULEVARD SLOPES FROM THE TOP BACK OF CURB TO THE PAR.

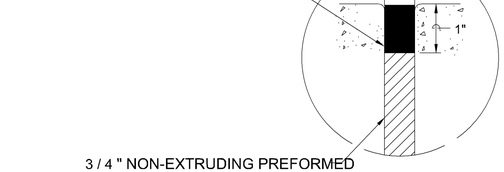
ALL RAMP TYPES SHOULD HAVE A MINIMUM 3' LONG RAMP LENGTH.

4' MINIMUM WIDTH OF DETECTABLE WARNING IS REQUIRED FOR ALL RAMPS. DETECTABLE WARNINGS SHALL CONTINUOUSLY EXTEND FOR A MIN. OF 24" IN THE PATH OF TRAVEL. DETECTABLE WARNING TO COVER ENTIRE WIDTH OF SHARED-USE PATHS AND THE ENTIRE PAR WIDTH OF THE WALK. DETECTABLE WARNING SHOULD BE 6" LESS THAN THE PAR/TRAIL WIDTH. ARC LENGTH OF RADIAL DETECTABLE WARNINGS SHOULD NOT BE GREATER THAN 20 FEET.

RECTANGULAR DETECTABLE WARNINGS SHALL BE SETBACK 3" FROM THE BACK OF CURB. RADIAL DETECTABLE WARNINGS SHALL BE SETBACK 3" MINIMUM TO 6" MAXIMUM FROM THE BACK OF CURB.

(1) MATCH FULL HEIGHT CURB.
(2) 4' MINIMUM DEPTH LANDING REQUIRED ACROSS TOP OF RAMP.
(3) 3" HIGH CURB WHEN USING A 3' LONG RAMP, 4" HIGH CURB WHEN USING A 4' LONG RAMP.
(4) SEE SHEET 4 OF 6, TYPICAL SIDE TREATMENT OPTIONS, FOR DETAILS ON FLARES AND RETURNED CURBS, WHEN INITIAL LANDING IS AT FULL CURB HEIGHT.
(5) DETECTABLE WARNINGS MAY BE PART OF THE 4' X 4' MIN. LANDING AREA IF IT IS NOT FEASIBLE TO CONSTRUCT THE LANDING OUTSIDE OF THE DETECTABLE WARNING AREA.
(6) THE GRADE BREAK SHALL BE PERPENDICULAR TO THE BACK OF WALK. THIS WILL ENSURE THAT THE GRADE BREAK IS PERPENDICULAR TO THE DIRECTION OF TRAVEL. (TYPICAL FOR ALL)
(7) WHEN ADJACENT TO GRASS, GRADING SHALL ALWAYS BE USED WHEN FEASIBLE. V CURB, IF USED, SHALL BE PLACED OUTSIDE THE SIDEWALK LIMITS WHEN RIGHT OF WAY ALLOWS. WHEN ADJACENT TO PARKING LOTS, CONCRETE OR BITUMINOUS TAPERS SHOULD BE USED OVER V CURB TO REDUCE TRIPPING HAZARDS AND FACILITATE SNOW & ICE REMOVAL.
(8) A 7' MIN TOP RADIUS GRADE BREAK REQUIRED TO BE CONSTRUCTIBLE.
(9) PAVE FULL WALK WIDTH.
(10) "S" SLOPES ON FANS SHALL ONLY BE USED WHEN ALL OTHER FEASIBLE OPTIONS HAVE BEEN EVALUATED AND DEEMED IMPRACTICAL.

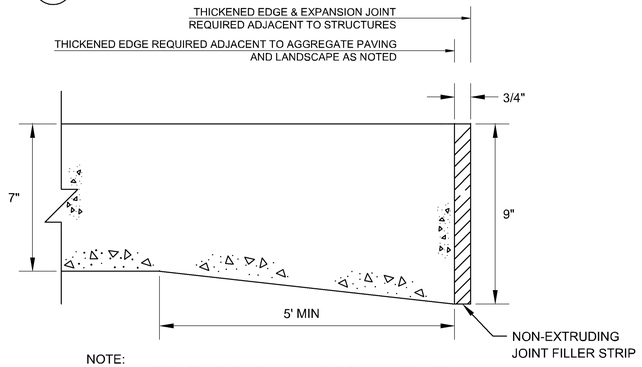
LEGEND	
THESE LONGITUDINAL SLOPE RANGES SHALL BE THE STARTING POINT. IF SITE CONDITIONS WARRANT, LONGITUDINAL SLOPES UP TO 8.3% OR FLATTER ARE ALLOWED.	
(S)	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND THE CROSS SLOPE SHALL NOT EXCEED 2.0%.
(F)	INDICATES PEDESTRIAN RAMP - SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
	LANDING AREA - 4' X 4' MIN. (5' X 5' MIN. PREFERRED) DIMENSIONS AND MAX 2.0% SLOPE IN ALL DIRECTIONS. LANDING SHALL BE FULL WIDTH OF INCOMING PARS.
X"	CURB HEIGHT



3 / 4 " NON-EXTRUDING PREFORMED
JOINT FILLER

1. NOTES
1.1. EXPANSION JOINTS TO BE PLACED BETWEEN POURS, BUILDING AND SITE FEATURE FOUNDATIONS, EXISTING HARD EDGES AND AS GUIDED BY MNDOT SPEC . SPACING AVERAGES BETWEEN 60 AND 100 FEET ON LINEAR SIDEWALK

7 C-500 CONCRETE EXPANSION JOINTS POURED-IN-PLACE JOINT SEALANT
NOT TO SCALE



NOTE:
OMIT JOINT FILLER AT EDGES ADJACENT TO AGGREGATE PAVING.

8 C-500 CONCRETE THICKENED EDGE EXPANSION JOINT (TEJ)
NOT TO SCALE

PROJECT
Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT
City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **EVS, Inc.**
BY
NAME **Daniel E. Bowar**
DATE **2025.04.29**
REG NO. **45018**

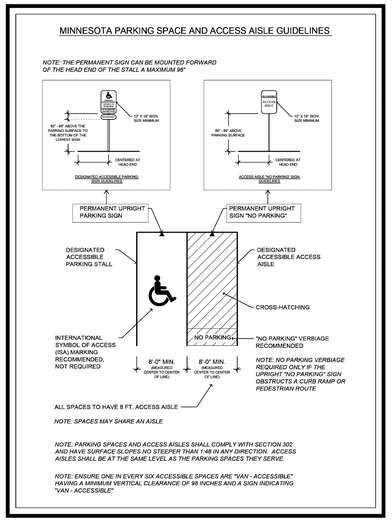
ISSUED FOR	DATE
BID SET	**04.29.2025**

COMMISSION NO **2025008-08 (2023003-09)**

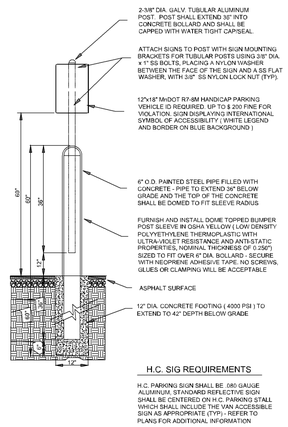
ALLIANCE

DETAILS

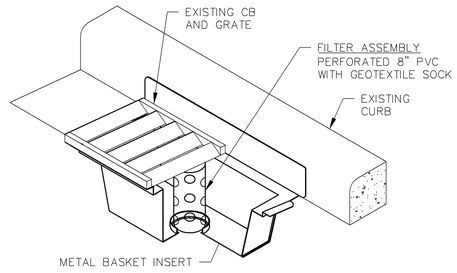
C-500



1 C-501 PARKING SPACE AND ACCESS AISLE GUIDELINES
NOT TO SCALE



2 C-501 HANDICAP PARKING SIGN WITH BOLLARD
NOT TO SCALE



3 C-501 INLET PROTECTION
NOT TO SCALE

PROJECT

Civic Plaza Site Improvements & FS3 Concrete Repair

Construction Documents

CLIENT

City of Bloomington

Client Project Number 25-10

ARCHITECT
Alliance
612.874.4100

LANDSCAPE ARCHITECT
Aune Fernandez Landscape Architects
651.341.3611

STRUCTURAL ENGINEER
MBJ Engineering
612.338.0713

CIVIL ENGINEER
EVS Engineering
952.646.0256

ELECTRICAL ENGINEER
Emanuelson-Podas, Inc.
952.930.0050

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

FOR **EVS, Inc.**
BY
NAME **Daniel E. Bowar**
DATE **2025.04.29**
REG NO. **45018**

ISSUED FOR	DATE
BID SET	**04.29.2025**

COMMISSION NO **2025008-08 (2023003-09)**

ALLIANCE

DETAILS

C-501