

1

2

3

4

5

A

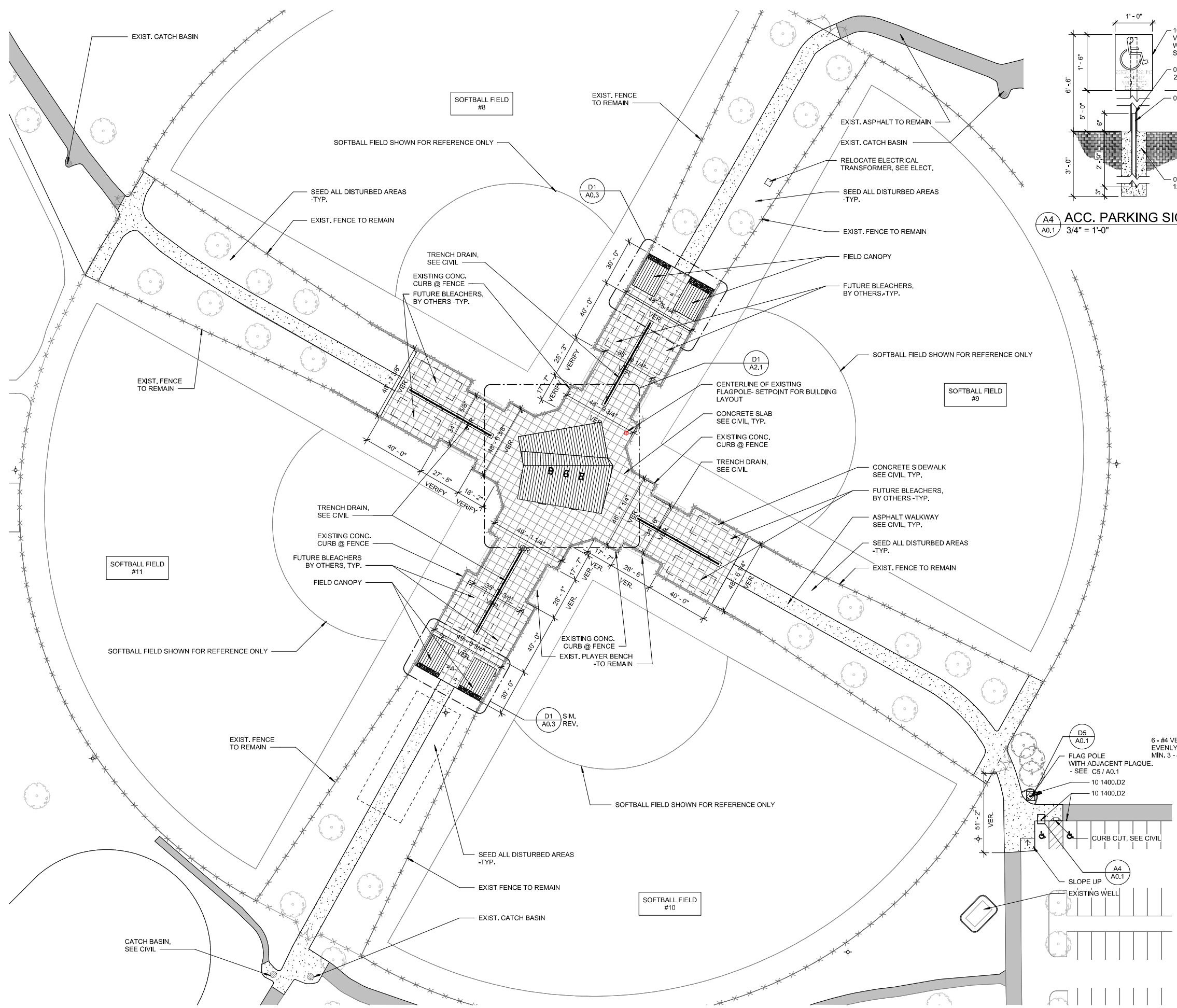
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C

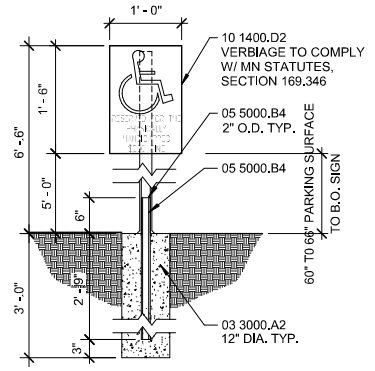
D

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A4
A0.1
ACC. PARKING SIGN SECTION
3/4" = 1'-0"



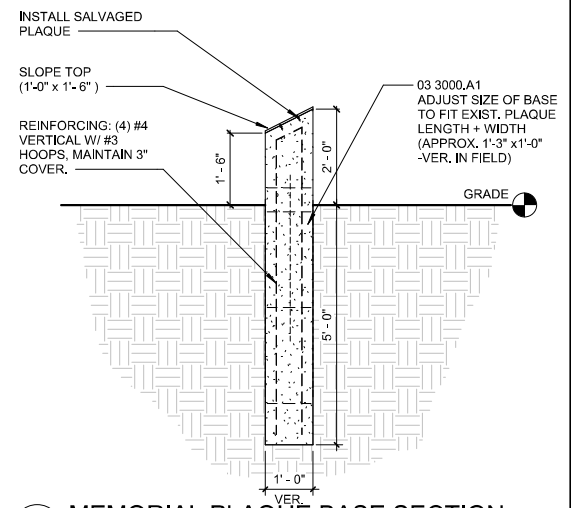
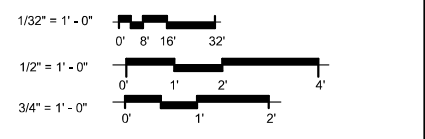
Material Key Legend

- 03 3000.A1 C.I.P. Concrete
- 03 3000.A2 C.I.P. Concrete Footing
- 05 5000.B4 Steel Pipe
- 10 1400.D2 Handicapped Parking Stall Sign, Steel Pole Mounted
- 10 7500.D4 Flagpole
- 10 7500.B1 Foundation Tube
- 10 7500.C1 Foundation Wedge
- 10 7500.C2 Escutcheon Collar
- 10 7500.Z1 Lightning Protection Rod

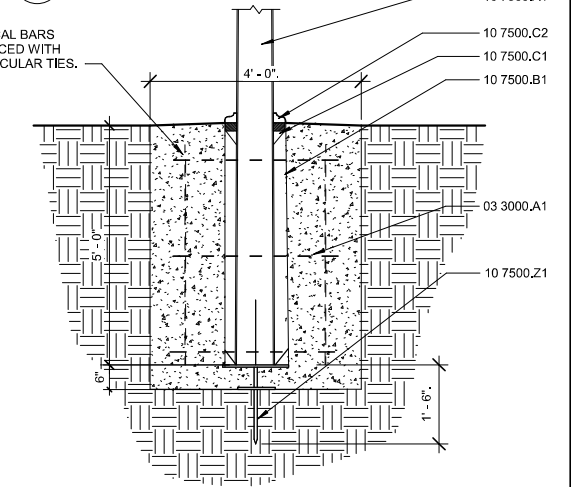
General Notes

1. SEE CIVIL FOR DETAILS OF JOINTS IN CONC. PAVING, CONC. CURBS, CURB CUTS & CONC. APRONS.
2. SEE SITE DEMO PLAN FOR WORK AT EXISTING CONCRETE CURB.
3. AT LOBBY, SLOPE PAVING TO TRENCH DRAIN. SLOPE 1/4" FT. MAX. IN ANY DIRECTION. ELEVATION AT DOORS TO BE 100'-0".
4. DIMENSIONS AT PAVING APPROXIMATE. - MATCH EXIST.

Graphic Scale



C5
A0.1
MEMORIAL PLAQUE BASE SECTION
1/2" = 1'-0"



D5
A0.1
FLAGPOLE BASE SECTION DETAIL
1/2" = 1'-0"

D1
A0.1
SITE PLAN
1/32" = 1'-0"

Revisions

Date: August 08, 2019
Project No.: 106819
Drawn By: KP/DLG
Checked By: JB

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.
Date: 08/08/2019
Architect: Michael Scullin, AIA
Kodet Architectural Group, Ltd.
License Number: 42991

KODET ARCHITECTURAL GROUP
15 Groveland Terrace | Minneapolis, MN 55403-1154
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City of Bloomington
Dred Scott Wheelhouse Replacement
Bloomington, Minnesota

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A0.1
Site Plan

REQUIRED:
15 TREES + 56 SHRUBS AND PLANT A REPLACEMENT TREE FOR EVERY TREE REMOVED

NOTE:
7 TREES REMOVED;
7 REPLACEMENT TREES ADDED + 15 NEW TREES = 22 TOTAL TREES ADDED

Plant Schedule							
	SYMBOL	QTY.	COMMON NAME	BOTANICAL NAME	HEIGHT	METHOD	REMARKS
A.	WO	7	OAK WHITE	QUERCUS ALBA	100'	BB	-
B.	CS	10	CRAB STARLIGHT	XX	15'-25'	BB	-
C.	SW	5	SPRUCE WHITE	PICEA GLAUCA	50'-100'	TREE SPADE, CLUMP	-
D.	SP	16	WHITE SPIREA	SPIRAEA ALBIFLORA	24"	CONT.	-
E.	BL	40	BLOOMRANG DARK LILAC	SYRINGA X SMS.JBP7	18"	CONT.	-

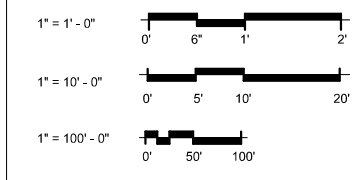
Material Keying Legend

10 7500.A1 Flagpole

General Notes

- SEE CIVIL AND STRUCT. FOR DETAILS OF JOINTS IN CONC. PAVING, CONC. CURBS, CURB CUTS & CONC. APRONS. KEEP CONSTRUCTION TRAFFIC OUT OF RESIDENTIAL STREETS AS MUCH AS POSSIBLE.
- INSTALL SOD AT TURF AREAS DISTURBED BY CONSTRUCTION. COORDINATE W/ EXISTING LAWN IRRIGATION SYSTEM. MODIFY WHERE REQUIRED. CONTRACTOR TO FIELD VERIFY LOCATIONS. PROTECT ALL EXISTING TREES TO REMAIN FROM DAMAGE.

Graphic Scale



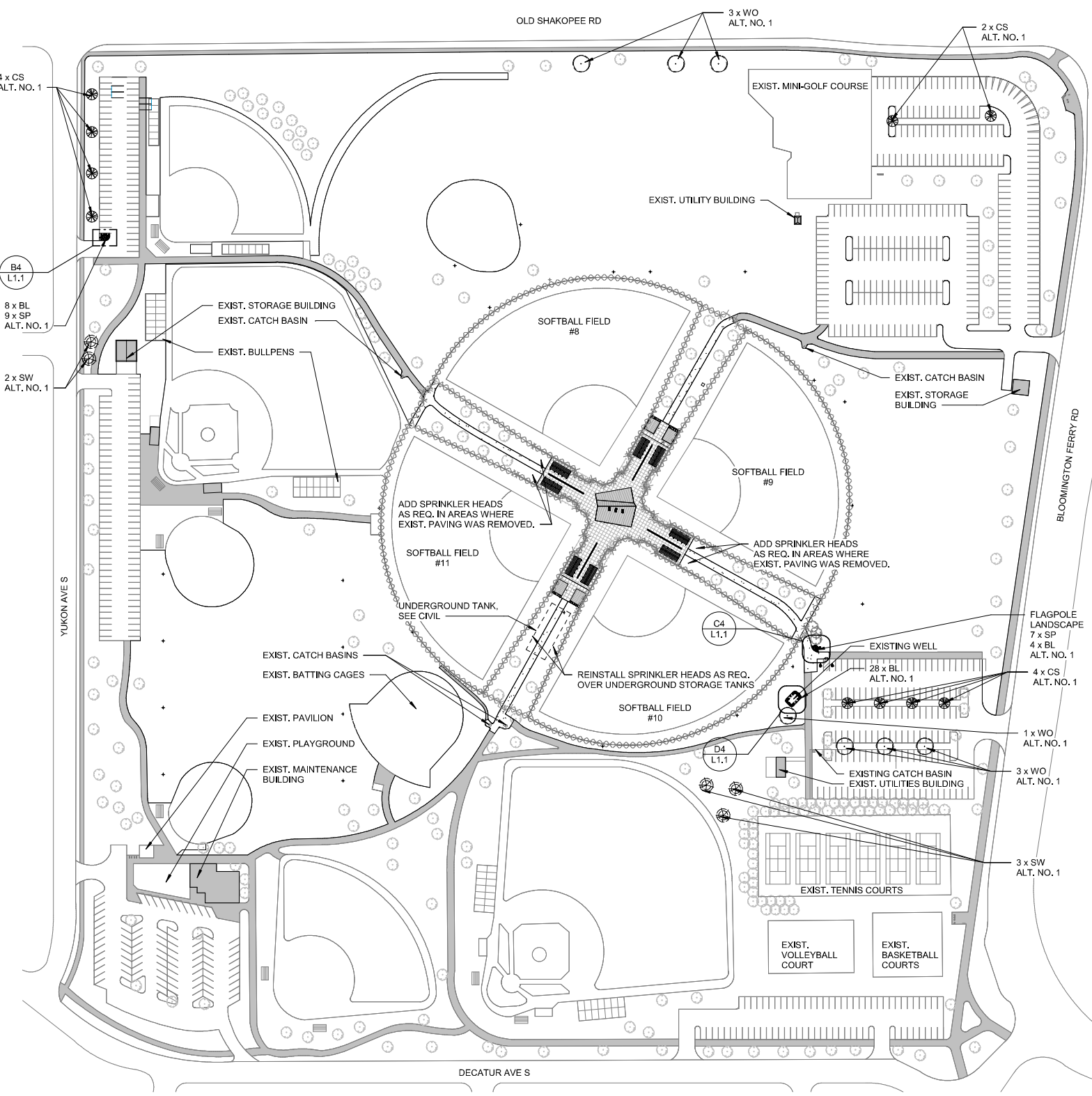
Date: August 08, 2019
Project No.: 106819
Drawn By: DLG
Checked By: TN

Revisions
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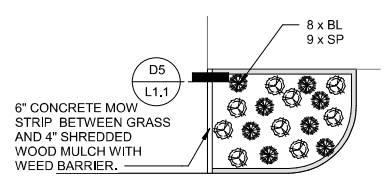
City of Bloomington
Dred Scott Wheelhouse Replacement
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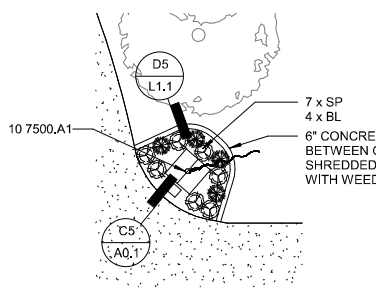
A
B
C
D



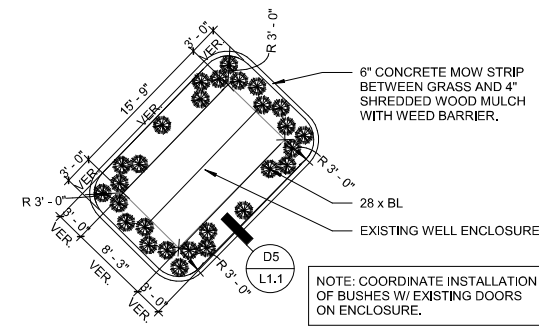
D1 L1.1 LANDSCAPE PLAN
1" = 100'-0"



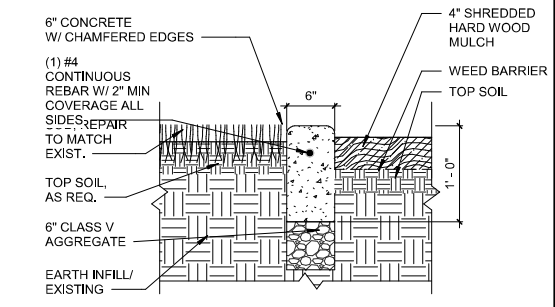
B4 L1.1 NW PARKING LOT LANDSCAPE DETAIL
1" = 10'-0"
ALT NO. 1



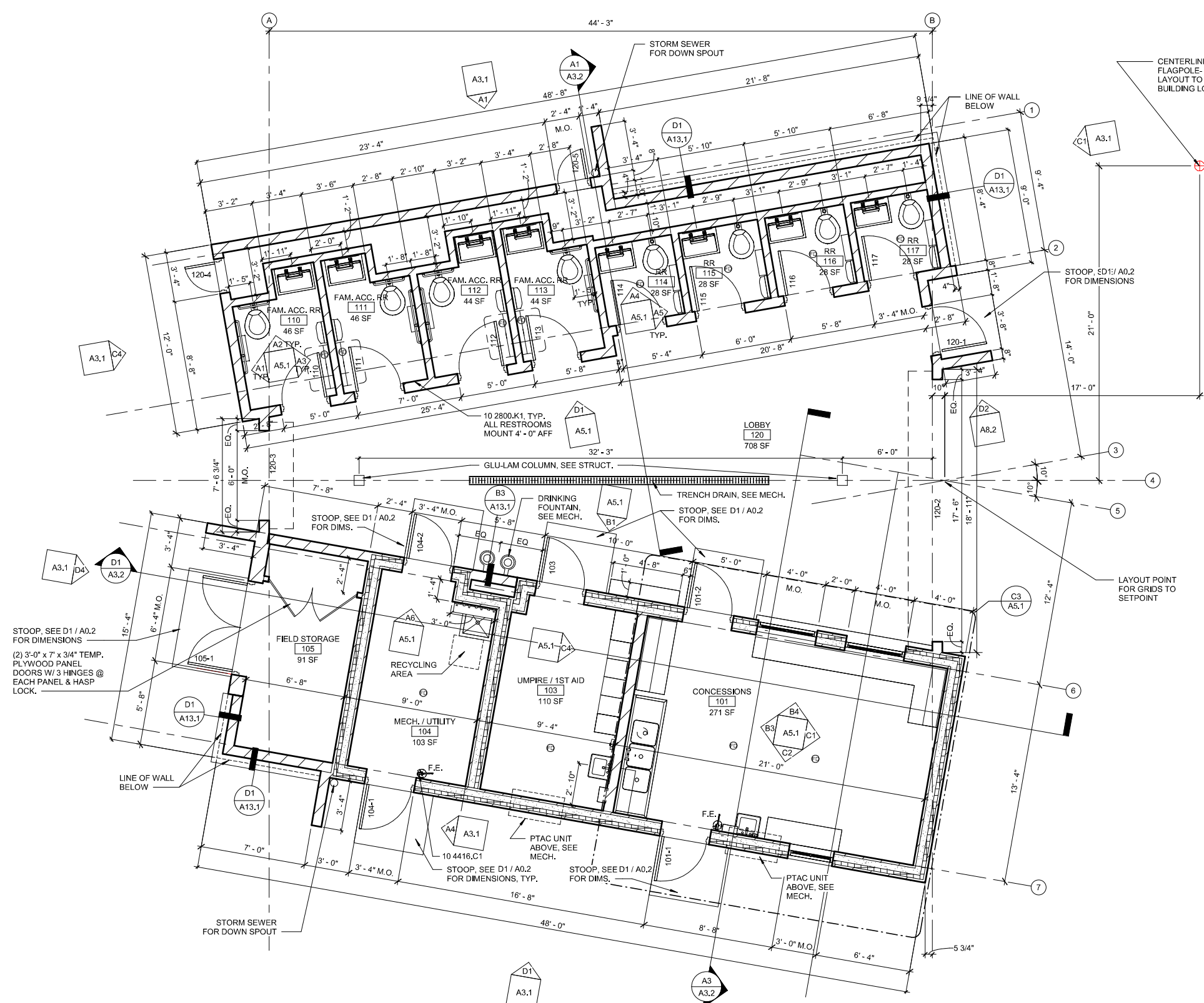
C4 L1.1 FLAG POLE LANDSCAPE DETAIL
1" = 10'-0"
ALT NO. 1



D4 L1.1 EXISTING WELL LANDSCAPE DETAIL
1" = 10'-0"
ALT NO. 1



D5 L1.1 CONCRETE PLANTER EDGING ALT. NO. 1
1" = 1'-0"



SEE D4 / A2.2 FOR WALL TYPES AND MASONRY BEARING HEIGHTS

Material Keying Legend

10 2800.K1	Double-Prong Robe Hook
10 4416.C1	Bracket Mounted Fire Extinguisher

General Notes

- CONCRETE BLOCK DIMENSIONS ON FLOOR PLANS ARE NOMINAL AND TAKEN FROM FACE OF BLOCK.
- AT WOOD STUD PARTITIONS, DIMENSIONS ARE TAKEN FROM CENTERLINE OF STUD.
- FOR PARTITION TYPES, SEE SHEET A8.1.
- TRANSITIONS BETWEEN FLOOR MATERIALS TO BE LOCATED AT CENTERLINE OF DOOR BETWEEN ROOMS U.N.O.
- ALL CONDUIT IN EXPOSED CONCRETE BLOCK PARTITIONS TO BE CONCEALED.
- COORDINATE PLUMBING WITHIN CONCRETE BLOCK.
- AT ROOMS WITH FLOOR/TRENCH DRAINS, SLOPE SLAB TO DRAIN IN ENTIRE ROOM, PERIMETER OF ROOM TO BE AT ELEVATION 100' - 0" AND SLOPE TO NEVER EXCEED 1/4" PER FOOT. MINIMUM SLOPE IS AS REQUIRED TO PROVIDE POSITIVE DRAINAGE TO DRAIN.
- SLOPE STOOPS AWAY FROM DOOR AT 1/8" / FT, TYP. COORDINATE W/ ADJACENT PAVING.

Code Review

Applicable Codes:
 2015 Minnesota Building Code
 2015 Minnesota Energy Code
 ASHRAE 90.1-2010

A. OCCUPANCY CLASSIFICATION

All areas: B Occupancy (304.1)

B. OCCUPANT LOADS (CODE CALCULATED OCCUPANT LOAD)

Lobby:	708 SF / 15	47 occupants
Concessions:	271 SF / 200	2 occupants
Mech / Utility:	103 SF / 300	1 occupant
Umpire / First Aid:	110 SF / 100	1 occupants
Field Storage:	91 SF / 300	1 occupant
TOTAL		52 occupants

C. FLOOR AREA

Total 1,575 SF (occupiable), 1,998 SF (building footprint)

D. BASIC ALLOWABLE AREA

B Occupancy, Type V-B (unsprinkled) Construction
 Basic Allowable Floor Area for V-B (Table 503) 9000 SF
 Actual Area of 1,575 SF < 9000 SF Allowable

E. ALLOWABLE HEIGHT AND STORIES, Table 503

B Occupancy, Type V-B 2 stories, 40' Allowable
 Actual: Single Story, 20'-0"

F. TYPES OF CONSTRUCTION

Building Element Fire Ratings (Table 601)

Structural Frame	0 hour
Exterior Bearing Walls	0 hour
Interior Bearing Walls	0 hour
Exterior NonBearing Walls	0 hour
Interior NonBearing Walls	0 hour
Floor Construction	0 hour
Roof Construction	0 hour

G. MEANS OF EGRESS

- Means of Egress Sizing (1005.3)
 Door = Occupancy x 0.2 = 52 x 0.2 = 10.2" min. Req.
 = 36" Provided
- Number of Exits: 1 Exit (Table 1021.2(2))
 Occupant load less than 49 occupants through Lobby. Remaining Occupants exit directly to exterior.
 Travel distance less than 75'

H. REQUIRED PLUMBING FIXTURES (BY CODE OCCUPANCY)

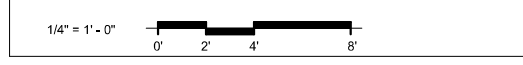
52 Occupants = 26 Men, 26 Women

PLUMBING FIXTURE COUNT (B OCCUPANCY)			
26 Occupants Per Gender			
Water Closets	Lavatories	Drinking Fountains	Service Sink
Men 1:25 first 50 Occ. ; 1:50 after 50 Occ. 26/25 = 1 Req.	1:40 first 80 Occ. ; 1:80 after 80 Occ. 26/40 = 1 Req.	1:100 = 52/100 1 Required	1 Required
Women 1:25 first 50 Occ. ; 1:50 after 50 Occ. 26/25 = 1 Req.	1:40 first 80 Occ. ; 1:80 after 80 Occ. 26/40 = 1 Req.		
2 Required Total	2 Required Total	2 Provided	1 Provided
8 Provided	8 Provided	2 Provided	1 Provided
8 Total Water Closets			
Acc. Toilets : 4 Non-Acc. Toilets : 4			

I. RECYCLING SPACE

1,575 sf x .0025 = 3.94 sf REQUIRED
 4.00 sf PROVIDED

Graphic Scale



City of Bloomington
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 Bloomington, Minnesota

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Revisions: _____
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A2.1
 Floor Plan &
 Code Review

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D1 FLOOR PLAN
 A2.1 1/4" = 1'-0"