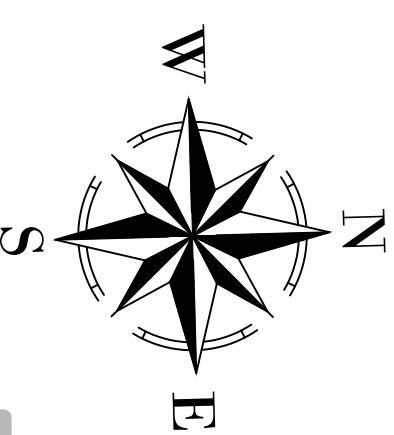
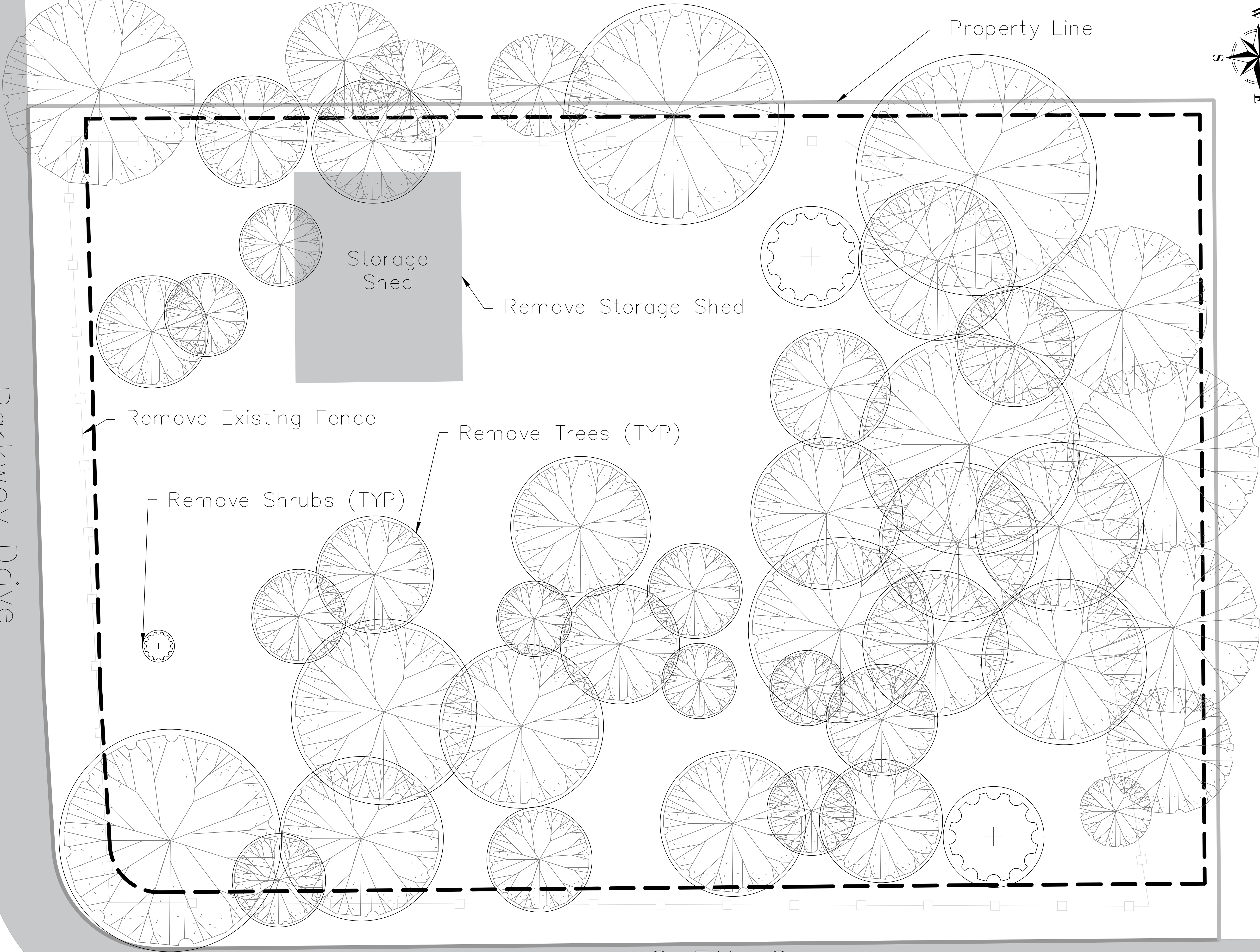


Parkway Drive

S 5th Street

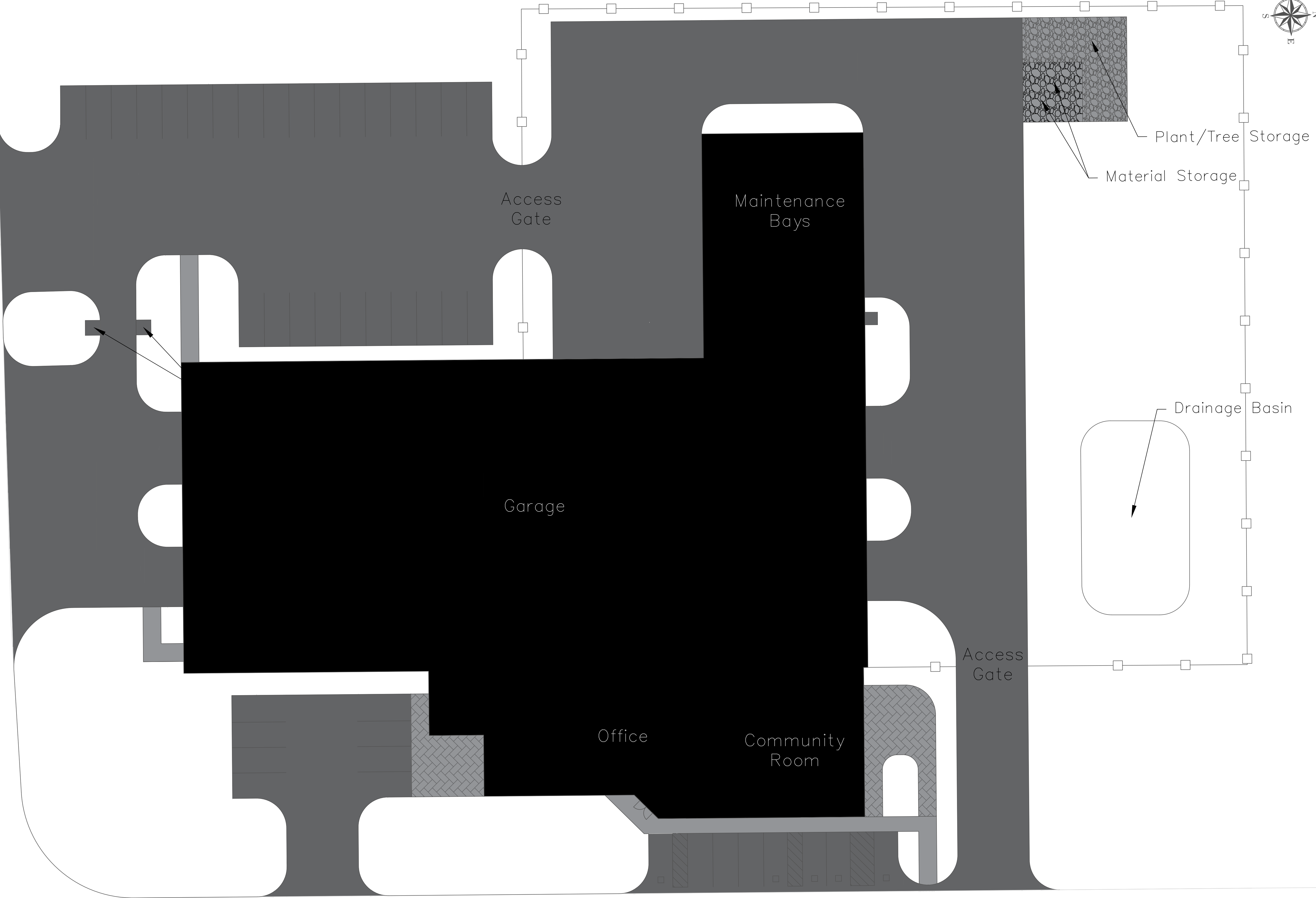


PROJECT: CEE: 4850		THE UNIVERSITY OF IOWA	
DATE : 11/18/2016		CIVIL AND ENVIRONMENTAL ENGINEERING	
DRAWN BY: cds		4105 SEAMANS CENTER FOR THE	
REVISION:		ENGINEERING ARTS AND SCIENCES	
		103 S CAPITOL ST	
		IOWA CITY, IOWA 52242	
		PHONE: 319.335.5647	
		FAX: 319.335.5660	
		EMAIL: civil-hawks@iowa.edu	
SHEET NAME		Parks and Forestry Facility	
Exiting Grade		PROJECT ADDRESS 1	
SHEET NO.		PROJECT ADDRESS 2	
		C1	

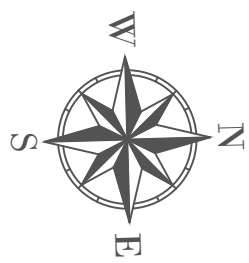
EDUCATIONAL - NOT
FOR CONSTRUCTION

Parkway Drive

S 5th St

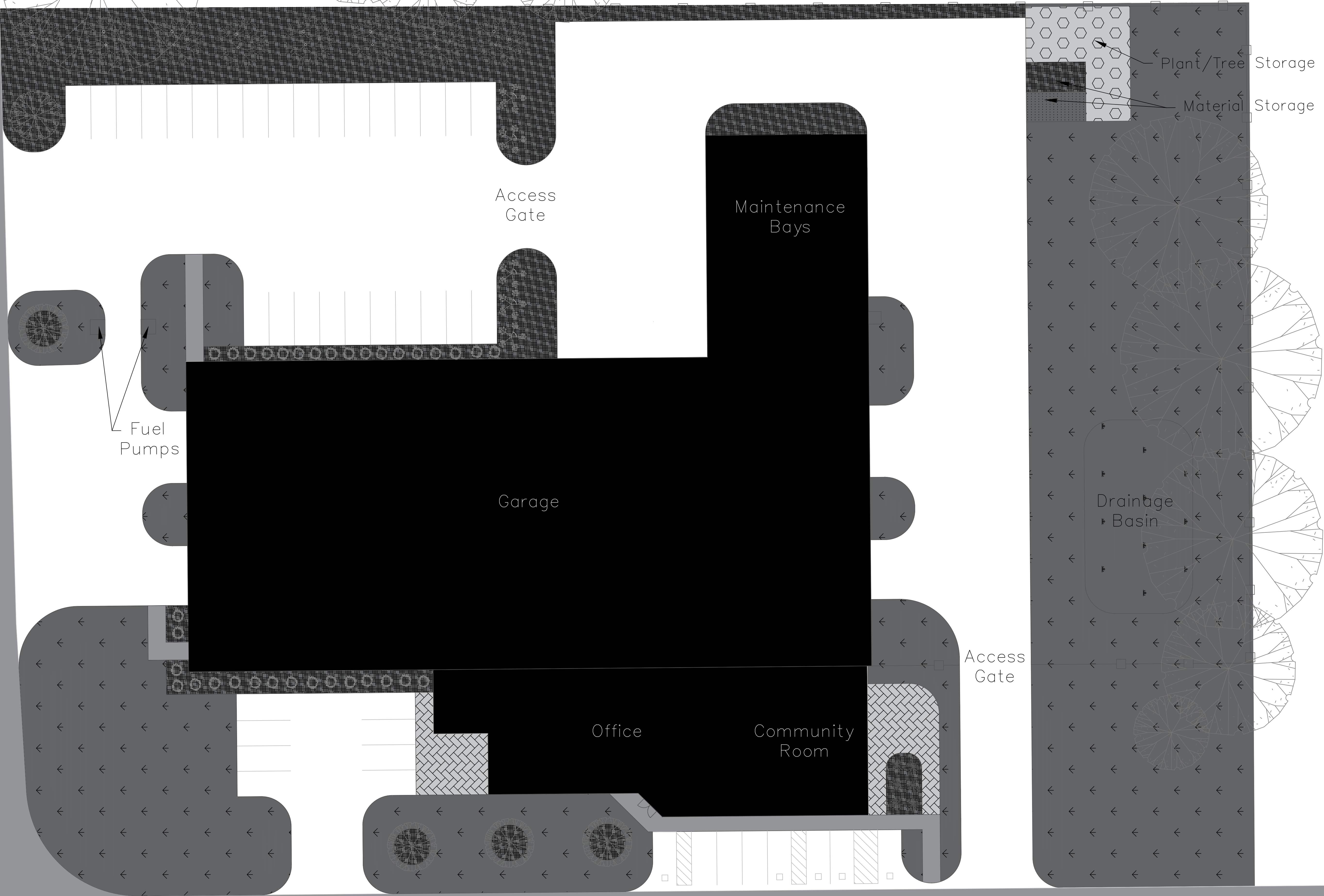


SHEET NAME		SHEET NO.	
Site Plan		C2	
PROJECT ADDRESS 1		PROJECT ADDRESS 2	
Parks and Forestry Facility		EDUCATIONAL - NOT FOR CONSTRUCTION	
THE UNIVERSITY OF IOWA		PROJECT: CEE: 4850	
CIVIL AND ENVIRONMENTAL ENGINEERING		DATE : 4/11/2025	
4105 SEAMANS CENTER FOR THE ENGINEERING ARTS AND SCIENCES		DRAWN BY: cds	
103 S CAPITOL ST		REVISION:	
IOWA CITY, IOWA 52242		PHONE: 319.335.5647	
FAX: 319.335.5660		EMAIL: civil-hawks@iowa.edu	



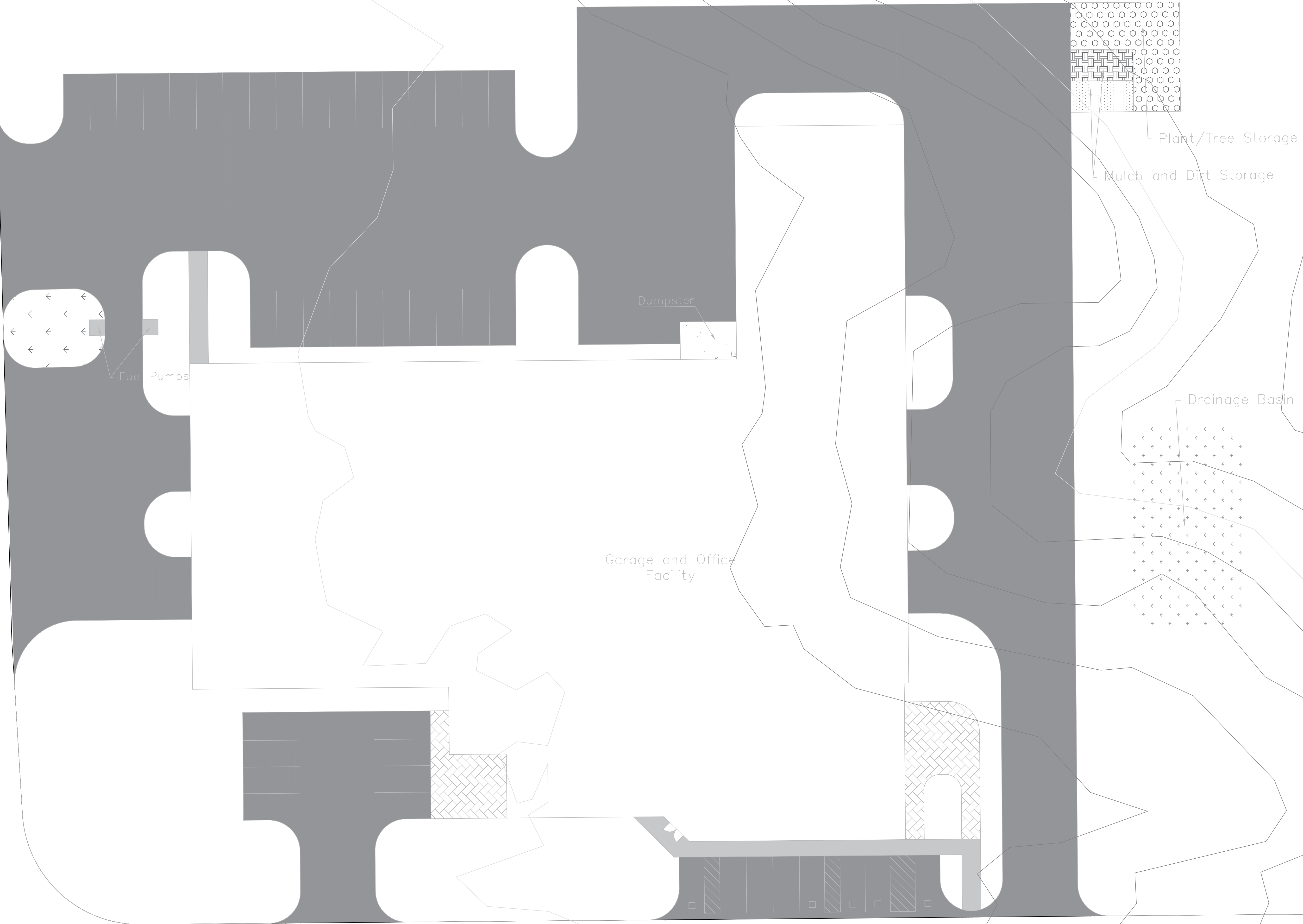
Parkway Drive

S 5th St



PROJECT: CEE: 4850		DATE : 4/11/2025		DRAWN BY: cds		REVISION:	
THE UNIVERSITY OF IOWA		CIVIL AND ENVIRONMENTAL ENGINEERING		4105 SEAMANS CENTER FOR THE ENGINEERING ARTS AND SCIENCES 103 S CAPITOL ST IOWA CITY, IOWA 52242		PHONE: 319.335.5647 FAX: 319.335.5660 EMAIL: civil-hawks@iowa.edu	
EDUCATIONAL - NOT FOR CONSTRUCTION		Parks and Forestry Facility		PROJECT ADDRESS 1 PROJECT ADDRESS 2		SHEET NAME Landscaping Plan	
						SHEET NO. C3	

Parkway Drive



PROJECT NAME		THE UNIVERSITY OF IOWA CIVIL AND ENVIRONMENTAL ENGINEERING	
PROJECT ADDRESS 1 PROJECT ADDRESS 2		4105 SEAMANS CENTER FOR THE ENGINEERING ARTS AND SCIENCES 103 S CAPITOL ST IOWA CITY, IOWA 52242 PHONE: 319.335.5647 FAX: 319.335.5660 EMAIL: civil-hawks@iowa.edu	
SHEET NAME		PROJECT: CEE: 4850	
Grading Plan		DATE : 11/18/2016	
SHEET NO.		DRAWN BY: cds	
C4		REVISION:	

Park and Forestry Office and
Maintenance Facility

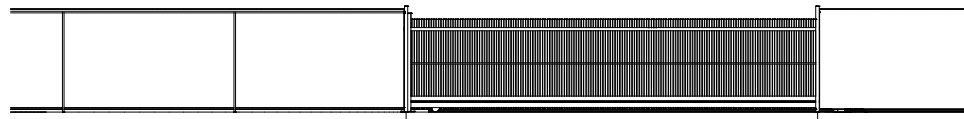
No.	Description	Date

University of Iowa
Civil and
Environmental
Engineering

Site Plan Details

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
C5	
Scale	As indicated

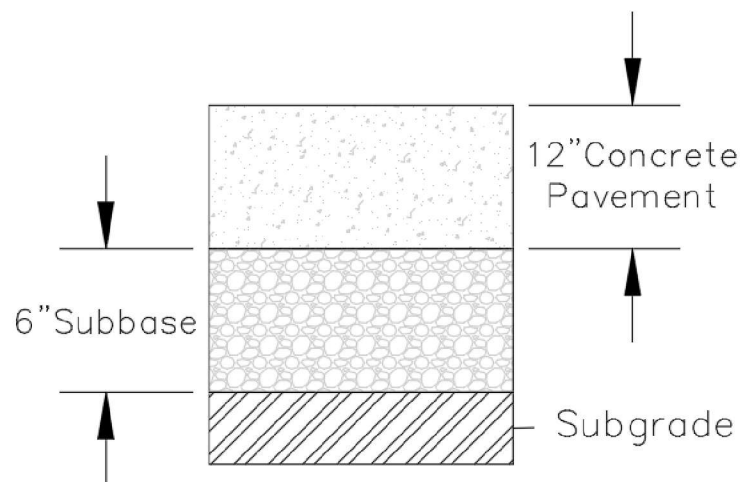
5/12/2025 11:14 PM



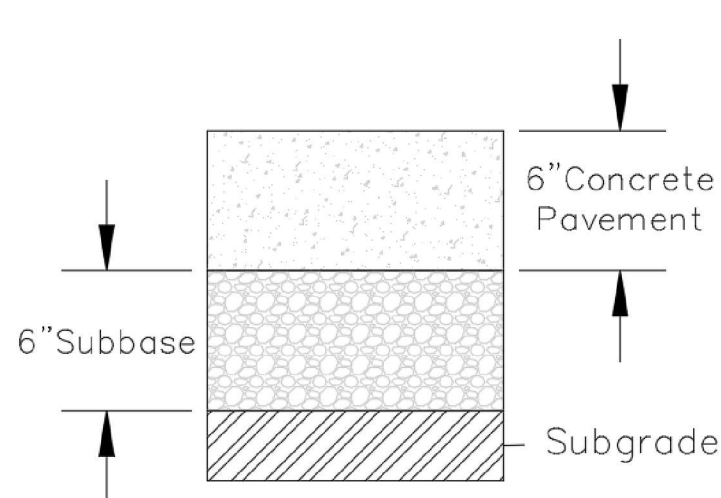
① Access Gate
3/8" = 1'-0"



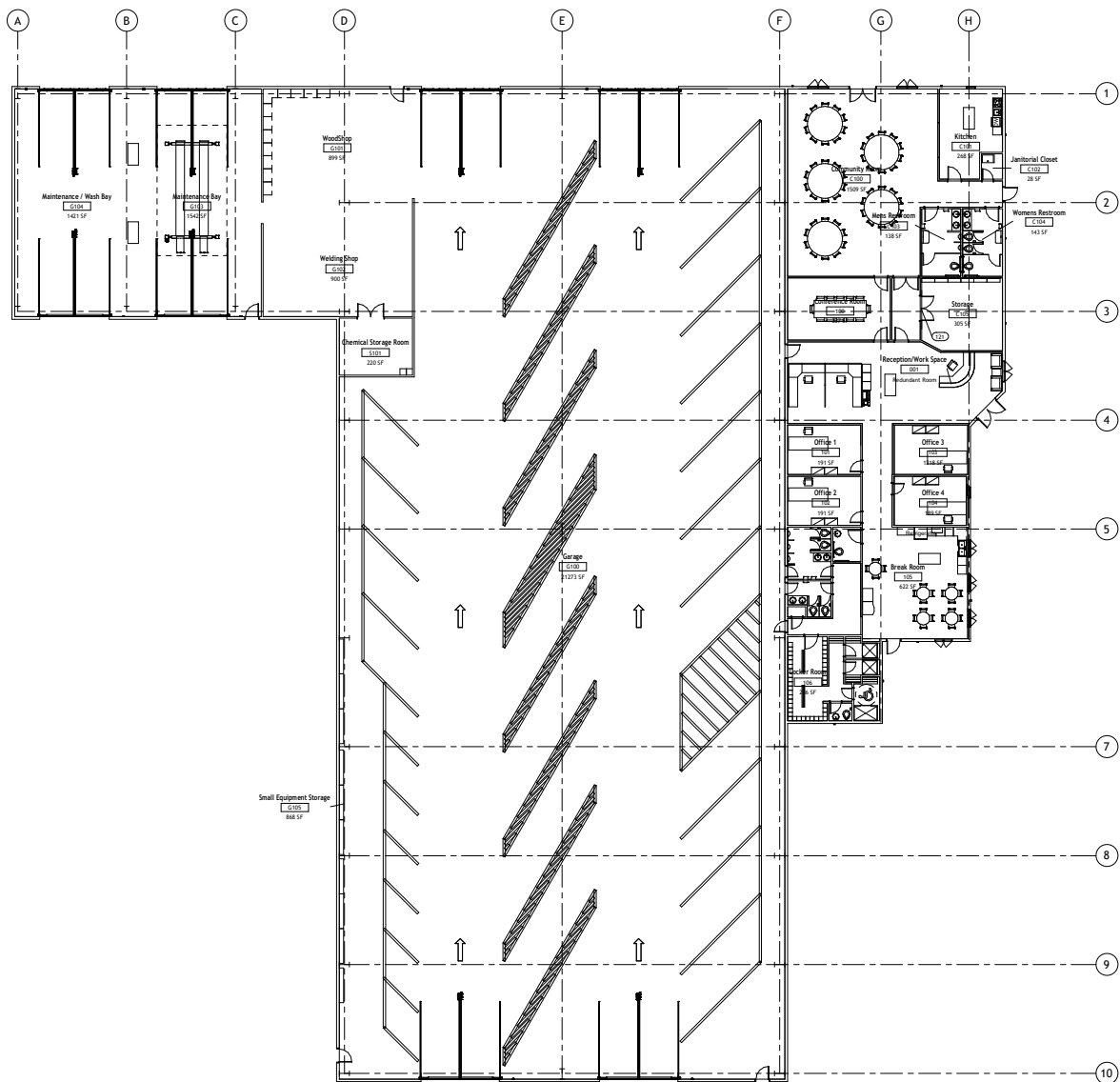
② Patio Planter
1/2" = 1'-0"



③ Typical Parking Lot Pavement
3" = 1'-0"



④ Typical Sidewalk Pavement
6" = 1'-0"



① First Floor Architectural Plan
1" = 10'-0"

IOWA
CIVIL & ENVIRONMENTAL
ENGINEERING

Park and Forestry Office and Maintenance Facility

No.	Description	Date

University of Iowa
Civil and
Environmental
Engineering

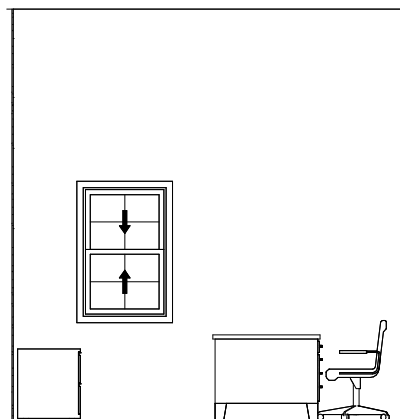
Architectural Floor Plan

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

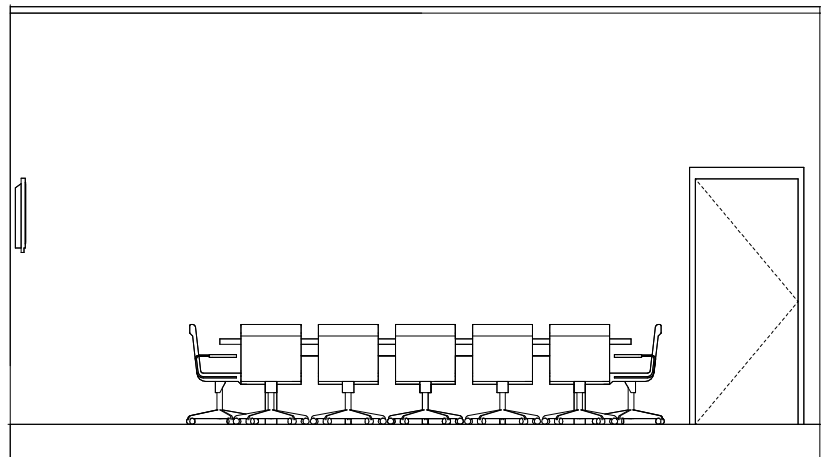
A101

Scale 1" = 10'-0"

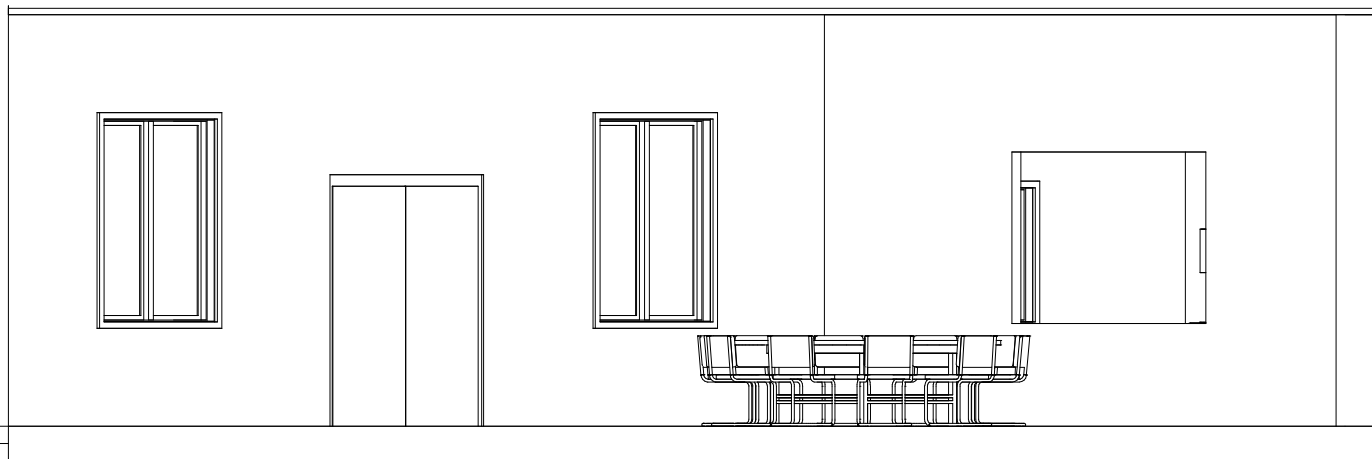
Park and Forestry Office and
Maintenance Facility



① Typical Office
3/4" = 1'-0"



② Conference Room
3/4" = 1'-0"



③ Community Room
3/4" = 1'-0"

No.	Description	Date

University of Iowa
Civil and
Environmental
Engineering

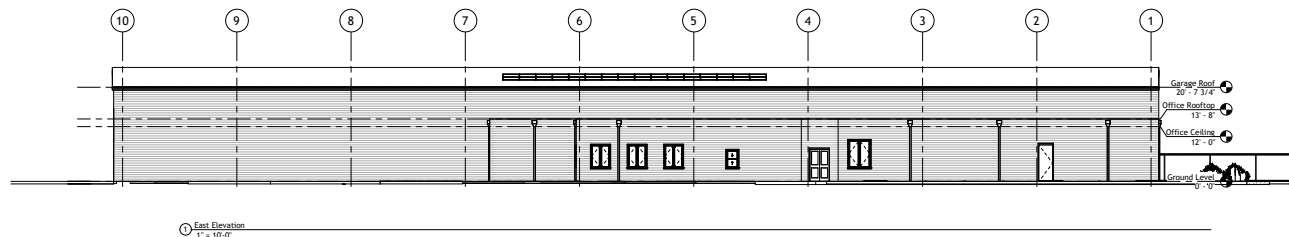
Architectural
Building Sections

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

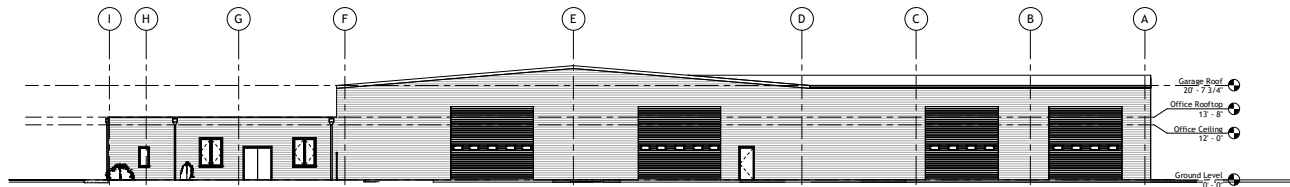
A102

Scale 3/4" = 1'-0"

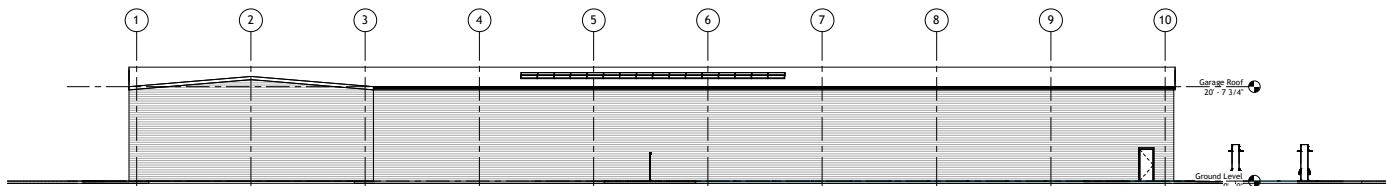
Park and Forestry Office and Maintenance Facility



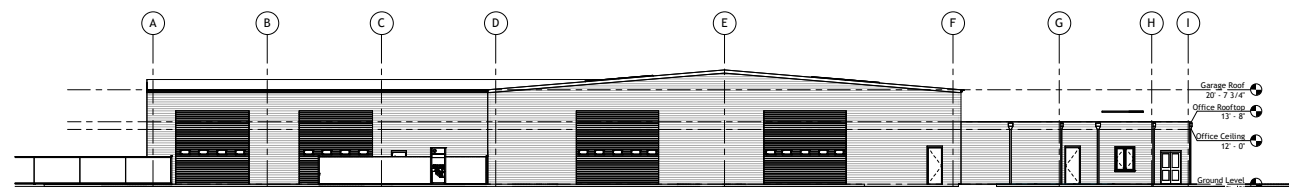
East Elevation
1" = 10'-0"



North Elevation
1" = 10'-0"



West Elevation
1" = 10'-0"



South Elevation
1" = 10'-0"

No.	Description	Date

University of Iowa
Civil and
Environmental
Engineering
Elevations

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker
A201	
Scale	1" = 10'-0"

FOUNDATIONS NOTES:

ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATIVE SOIL OR APPROVED ENGINEERED FILL WITH A MIN. ALLOWABLE BEARING CAPACITY OF 1,500 PSF PER IBC TABLE 1806.2.

FOOTING SIZES ARE:
- 5'-6" WIDE TYP.
- 5'-0" WIDE
- 4'-4" WIDE

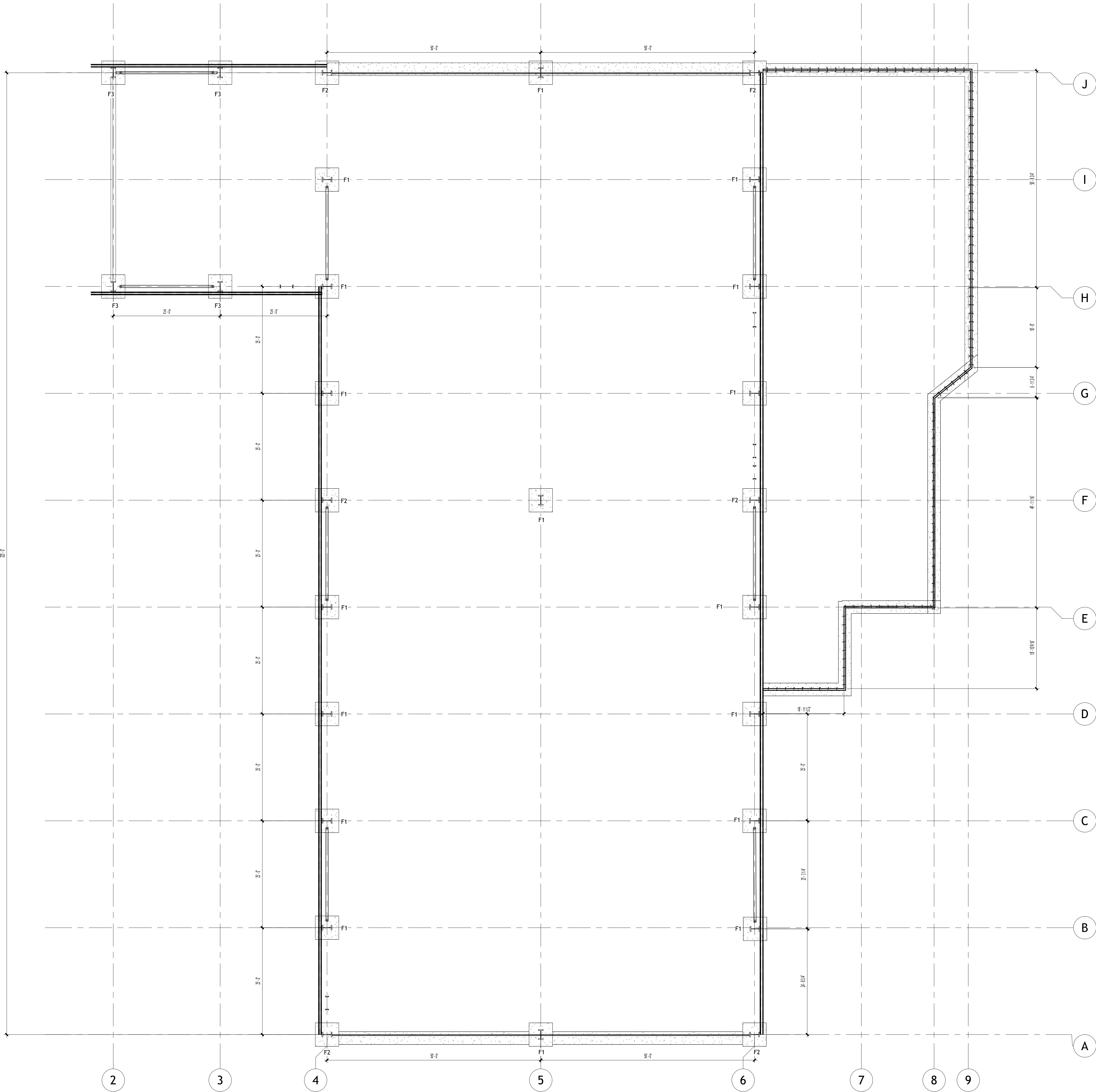
FOUNDATION DESIGN BASED ON ASSUMED BEARING CONDITIONS. VERIFY IN FIELD. NOTIFY STRUCT. ENG. IF UNSUITABLE SOILS ARE ENCOUNTERED.

MIN. FOOTING DEPTH = 42" BELOW FIN. GRADE FOR FROST PROTECTION (BURLINGTON, IA).

REINFORCING PER STRUCTURAL DETAILS. CONC. STRENGTH = f'_c 3000 PSI @ 28 DAYS (TYP.).

DO NOT SCALE DRAWINGS. COORD. ALL DIMENSIONS W/ ARCH. AND STRUCT. DWGS.

PAD FOOTING SCHEDULE		
MARK	SIZE	THICKNESS
F1	5' 6" x 5' 6"	1' 6"
F2	5' 0" x 5' 0"	1' 6"
F3	4' 4" x 4' 4"	1' 6"



**Park and Forestry Office and
Maintenance Building**
600 Parkway Dr
Burlington, Iowa 52601

No.	Description	Date

City of Burlington
Parks and Forestry
Department

Foundation Plan

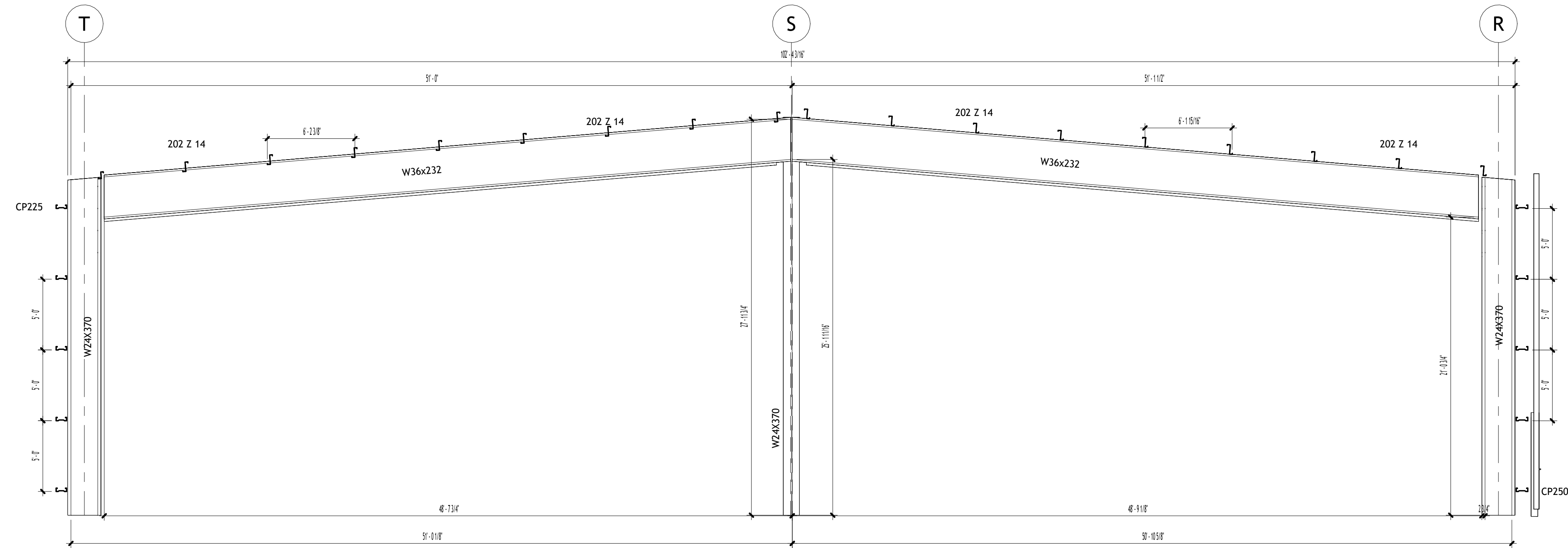
Project Number	1
Date	5/9/2025
Drawn By	BKC Engineering
Checked By	Checker

S101

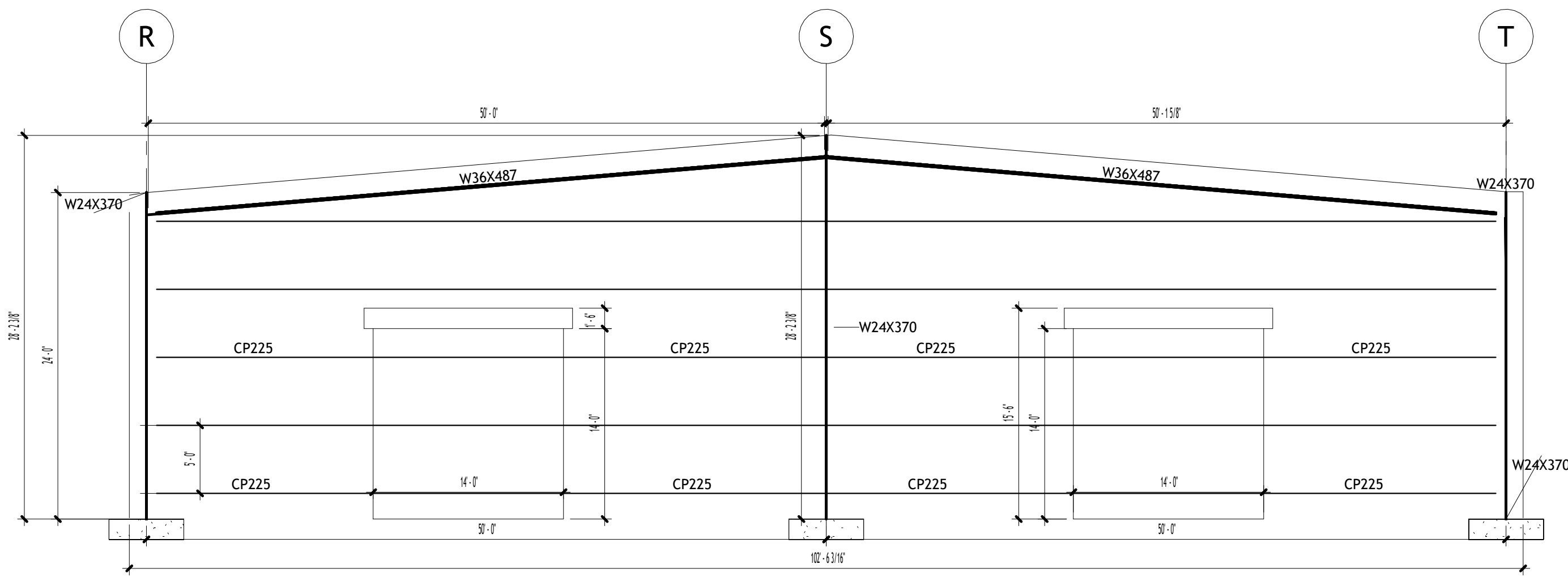
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STRUCTURAL FRAMING
PLAN NOTES

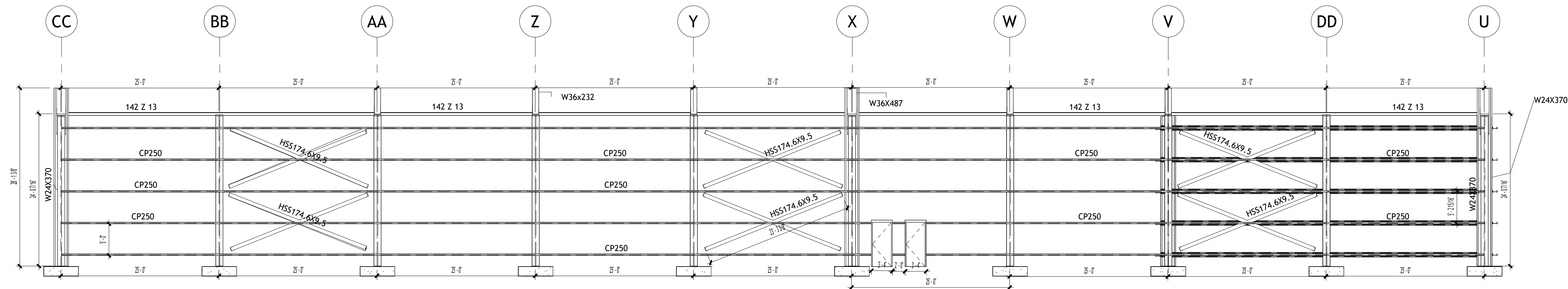
01. ALL STRUCTURAL WORK SHALL CONFORM TO IBC, AISC, AND AWS D1.1 STANDARDS.
02. STRUCTURAL COLUMNS TO BE W24x370 UNO. PROVIDE BASE AND CAP PLATES AS DETAILED.
03. INSTALL COLUMNS PLUMB AND SECURELY ANCHORED TO FOOTINGS OR FOUNDATION AS PER STRUCTURAL DETAILS.
04. PROVIDE HSS174.6x9.5 BRACING AS INDICATED. CONNECT TO STRUCTURE WITH GUSSET PLATES AND FULL-WELD BOLTED CONNECTIONS.
05. RAIL MEMBERS TO BE CP225 UNO. INSTALL CONTINUOUSLY AND SECURE TO SUPPORTING MEMBERS.
06. FIELD BOLTS SHALL BE ASTM A325. ALL WELDING PER AWS D1.1.



STRUCTURAL FRAMING :FRAME LINE A



END WALL FRAMING: FRAME LINE A



END WALL FRAMING: FRAME LINE 6

**Park and Forestry Office and
Maintenance Building**
600 Parkway Dr
Burlington, Iowa 52601

No.	Description	Date

City of Burlington
Parks and Forestry
Department

**STRUCTURAL
FRAMING**

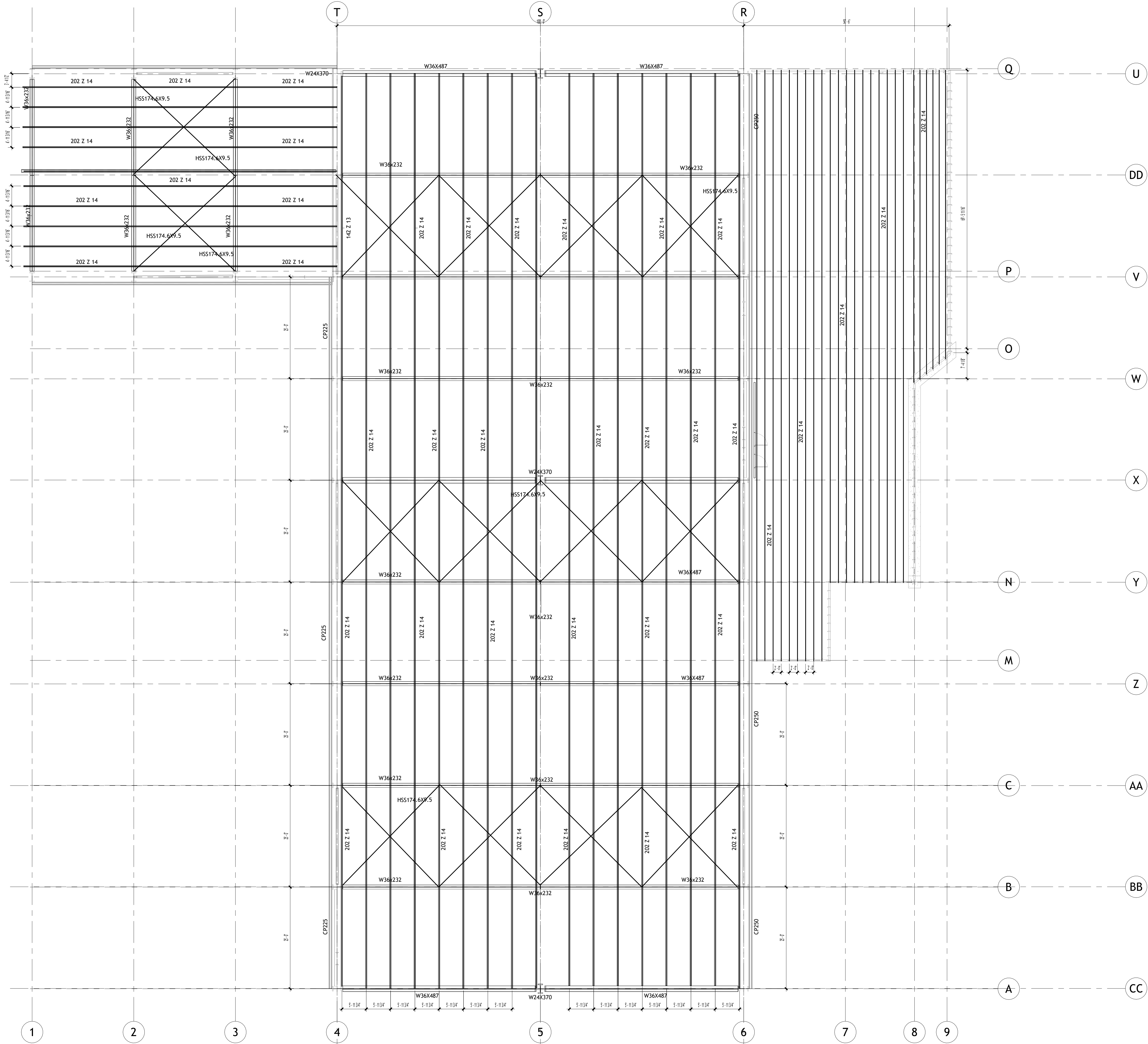
Project Number	1
Date	5/9/2025
Drawn By	Author
Checked By	Checker

S103

Scale	As indicated
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ROOF FRAMING PLAN NOTES

01. ALL STRUCTURAL WORK SHALL COMPLY WITH IBC, AISC, AND AWS D1.1.
02. ROOF BEAMS TO BE W36x487 UNO.
03. ROOF BRACING TO BE HSS174.6x9.5 WITH FULL CONNECTIONS AT EACH END.
04. PURLINS TO BE LIGHT GAUGE ZEDS 2012 Z14.
05. LAP PURLINS OVER SUPPORTS; INSTALL CONTINUOUS WITH REQUIRED BRIDGING.
06. FIELD BOLTS SHALL BE ASTM A325. ALL WELDING PER AWS D1.1.
07. COORDINATE ALL ROOF OPENINGS, RTUS, DRAINAGE SLOPES, AND PENETRATIONS WITH ARCHITECTURAL AND MEP PLANS.
08. INSTALL ROOF DECK PER ARCHITECTURAL SPECIFICATIONS.



**Park and Forestry Office and
Maintenance Building**
600 Parkway Dr
Burlington, Iowa 52601

No.	Description	Date

City of Burlington
Parks and Forestry
Department

**Structural Roof
Framing Plan**

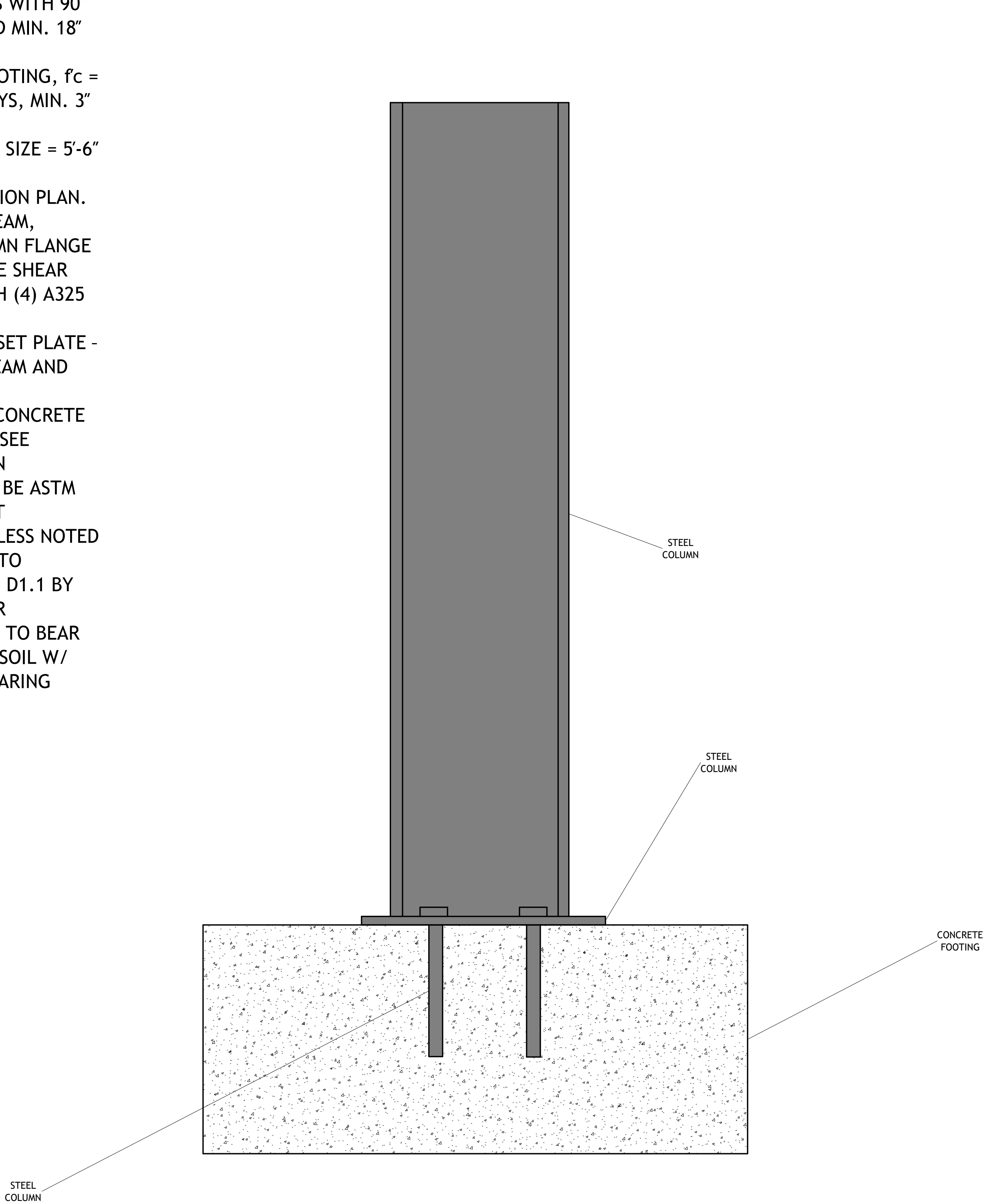
Project Number	1
Date	5/9/2025
Drawn By	Author
Checked By	Checker

S102

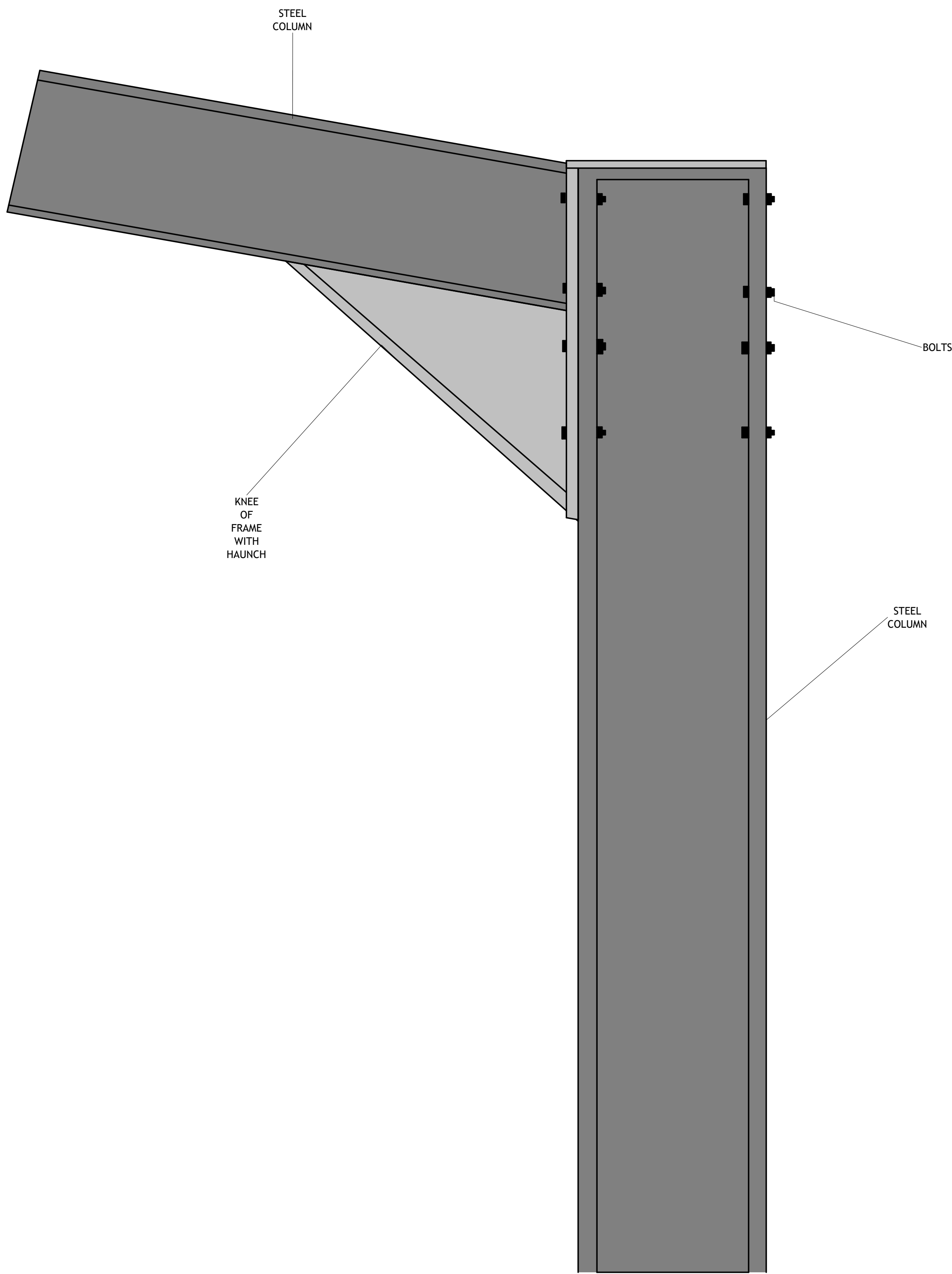
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STRUCTURAL DETAILS NOTES:

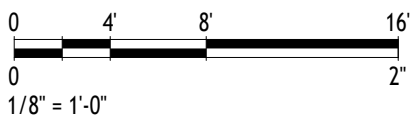
- 01. W24x370 WIDE FLANGE COLUMN, SEE STRUCTURAL FRAMING PLAN FOR SIZE & LOCATION.
- 02. (4) #6 DOWELS WITH 90° HOOKS, EMBEDDED MIN. 18" INTO FOOTING
- 03. CONCRETE FOOTING, $f_c = 3,000$ PSI @ 28 DAYS, MIN. 3" CLR TO EARTH
- 04. TYP. FOOTING SIZE = 5'-6" x 5'-6", VERIFY IN STRUCT.FOUNDATION PLAN.
- 05. W36x487 STEEL BEAM, BOLTED TO COLUMN FLANGE
- 06. DOUBLE ANGLE SHEAR CONNECTION WITH (4) A325 BOLTS, TYP.
- 07. ¼" THICK GUSSET PLATE - FIELD WELD TO BEAM AND COLUMN FLANGES
- 08. STRUCTURAL CONCRETE BELOW COLUMN - SEE FOUNDATION PLAN
- 09. ALL BOLTS TO BE ASTM A325, SNUG-TIGHT INSTALLATION UNLESS NOTED
- 10. ALL WELDING TO CONFORM TO AWS D1.1 BY CERTIFIED WELDER
- 11. ALL FOOTINGS TO BEAR ON UNDISTURBED SOIL W/ MIN. 1,500 PSF BEARING CAPACITY



SQUARE FOOTING DETAIL



COLUMN-BEAM CONECTION DETAIL



Park and Forestry Office and Maintance Building

600 Parkway Dr
Burlington, Iowa 52601

No.	Description	Date

City of Burlington
Parks and Forestry
Department

STRUCTURAL DETAILS PLAN

Project Number	Project Number
Date	5/9/2025
Drawn By	BKC
Checked By	Checker

S104

Scale	1/8" = 1'-0"
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