A New Meetinghouse for:

Ivins 8 &
Ivins UT Stake

Consultant	Consultant Name	Address		Contact	Phone	E-mail
Architect:	Evans & Associates Architecture	11576 South State Street #103B	Draper, Utah 84020	Chad Spencer	(801) 553-8272	chad@studio-ea.com
Civil Engineer:	Excel Engineering, Inc.	12 West 100 North #201	American Fork, Utah 84003	David Peterson	(801) 756-4504	david@excelcivil.com
Landscape Architect:	PKJ Design Group	3450 North Triumph Blvd, Suite 102	Lehi, Utah 84043	Jeremy Ainsworth	(801) 753-5644	jainsworth@pkjdesigngroup.com
Electrical Engineer:	Envision Engineering	240 East Morris Avenue, Suite 200	Salt Lake City, Utah 84115	Scott Kingery	(801) 534-1130	skingery@envisioneng.com

Vicinity Map



DRAWING INDEX

General		Landscaping	
G101	Cover Sheet	L100	Landscape Plan
Site Development		L101	Landscape Color Plan
1 of 1	Survey	L102a	Landscape Plan
C201	Grading and Drainage Plan	L102b	Landscape Plan
C202	Grading and Drainage Plan	L103	Materials Plan
C203	Grading and Drainage Plan	L104	Edging Plan
C204	Utility Plan	L501	Landscape Details
C205	Utility Plan	I100	Irrigation Overall
C206	Demolition Plan	I101	Irrigation Cover
C207	Erosion Control Plan	I102	Irrigation Plan
C208	SWP Details	I103	Irrigation Plan
C209	Detail Sheet	I501	Irrigation Details
C301	Electrical Site Plan	I502	Irrigation Details
C302	Electrical Site Illumination Plan	I503	Irrigation Details
C303	Electrical Site Plan Details		
C401	Architectural Site Plan		
C411	Enlarged Architectural Site Plan		
C412	Enlarged Architectural Site Plan		
C413	Enlarged Architectural Site Plan		
C414	Enlarged Architectural Site Plan		
C415	Enlarged Architectural Site Plan		
C416	Enlarged Architectural Site Plan		
C501	Site Details		
C502	Site Details		
C503	Site Details		
C504	Site Details		
C511	Stair and Ramp Sections		

evans + associates architecture
11576 south state street, suite 103b, draper, utah 84020
phone 801-553-8272

Stamp

LICENSED ARCHITECT
PAUL HEATON EVANS
273770
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19

Plan Series
Heritage 24

Property Number
500-2067-24010101

Date
June 16, 2025

Sheet Title
COVER SHEET

Sheet
G101

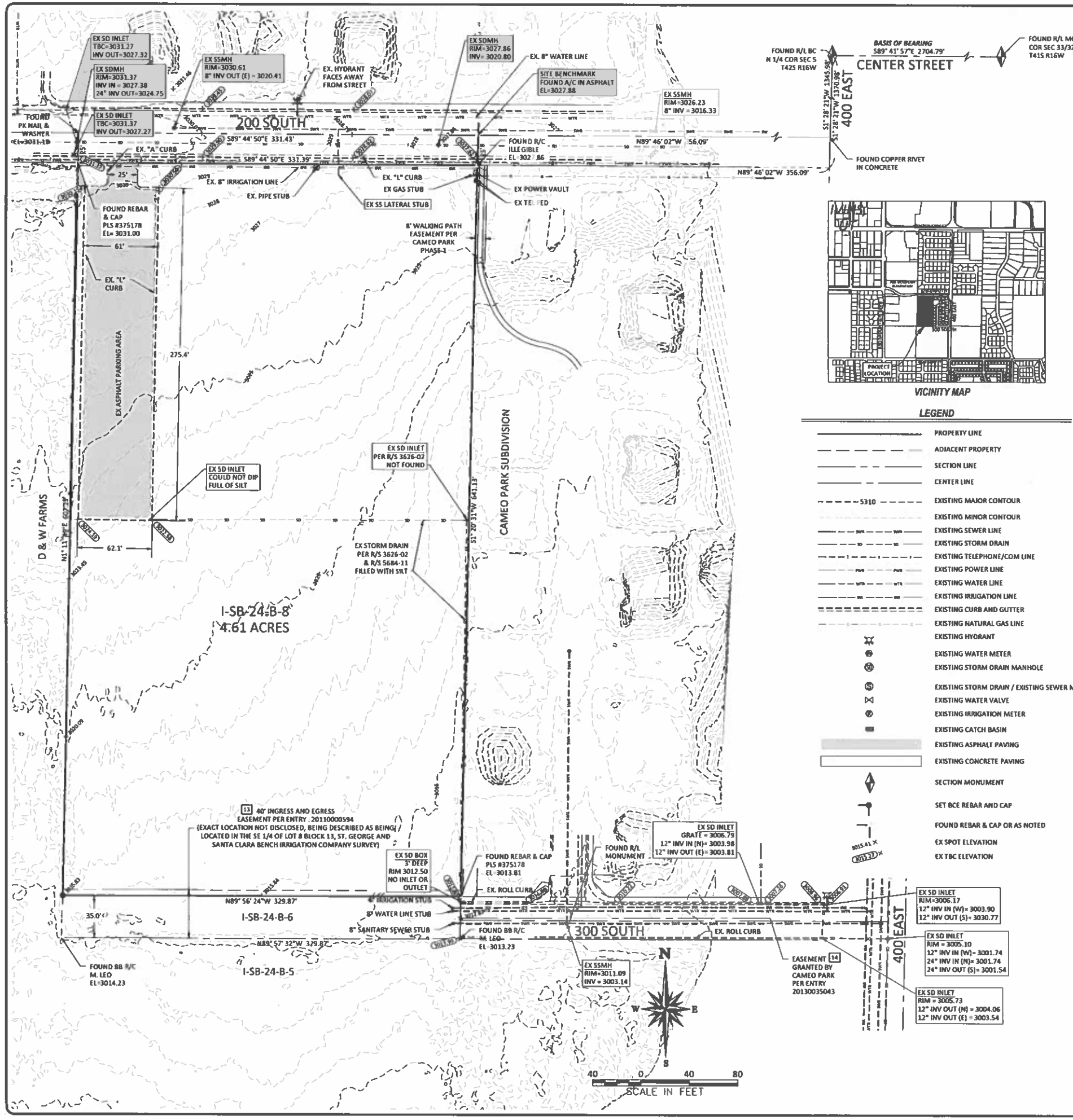
ALTA/NSPS LAND TITLE SURVEY

IVINS H24 SC

FOR

CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS, A UTAH CORPORATION SOLE, THE CHURCH JESUS CHRIST OF LATTER DAY SAINTS, A UTAH CORPORATION SOLE & OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY

LOCATED IN THE NORTHWEST QUARTER OF SECTION 5, TOWNSHIP 42 SOUTH, RANGE 16 WEST, SALT LAKE BASE & MERIDIAN IVINS CITY, WASHINGTON COUNTY, UTAH



VICINITY MAP

LEGEND

- PROPERTY LINE
- ADJACENT PROPERTY
- SECTION LINE
- CENTER LINE
- 5310 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING SEWER LINE
- EXISTING STORM DRAIN
- EXISTING TELEPHONE/COM LINE
- EXISTING POWER LINE
- EXISTING WATER LINE
- EXISTING IRRIGATION LINE
- EXISTING CURB AND GUTTER
- EXISTING NATURAL GAS LINE
- EXISTING HYORANT
- EXISTING WATER METER
- EXISTING STORM DRAIN MANHOLE
- EXISTING STORM DRAIN / EXISTING SEWER MANHOLE
- EXISTING WATER VALVE
- EXISTING IRRIGATION METER
- EXISTING CATCH BASIN
- EXISTING ASPHALT PAVING
- EXISTING CONCRETE PAVING
- SECTION MONUMENT
- SET BCE REBAR AND CAP
- FOUND REBAR & CAP OR AS NOTED
- EX SPOT ELEVATION
- EX TBC ELEVATION

SURVEYORS CERTIFICATE

TO CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS, A UTAH CORPORATION SOLE, THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS, A UTAH CORPORATION SOLE, OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY. THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1-5, 11, 13, AND 16 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON APRIL 29, 2025. DATE OF PLAT OR MAP: JUNE 3, 2025

PROFESSIONAL LAND SURVEYOR NO. 334571 — MICHAEL W. PURDY — STATE OF UTAH — 10/08/2025

MICHAEL W. PURDY PLS # 334571

PARCEL DESCRIPTION

BEGINNING AT A POINT SOUTH 1°28'21" WEST 1370.98 FEET AND NORTH 89°46'02" WEST 356.09 FEET FROM THE NORTH QUARTHER CORNER OF SECTION 5, TOWNSHIP 42 SOUTH, RANGE 16 WEST, SALT LAKE BASE AND MERIDIAN, SAID POINT BEING ON THE SOUTHERLY RIGHT-OF-WAY LIN E OF 200 SOUTH AND RUYNNING THENCE SOUTH 1°20'31" WEST 606.13 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE OF 300 SOUTH; THENCE NORTH 89°56'24" WEST, ALONG SAID LINE 329.87 FEET, TO THE WESTERLY LINE OF LOT 8, BLOCK 13, ST GEORGE AND SANTA CLARA BENCH IRRIGATION COMPANY SURVEY IN SECTION 5, TOWNSHIP 42 SOUTH, RANGE 16 WEST, SALT LAKE BASE AND MERIDIAN ; THENCE NORTH 1°11'49" EAST, ALONG SAID LINE 607.21 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF 200 SOUTH; THENCE SOUTH 89°44'50"EAST, ALONG SAID LINE 331.39 FEET TO THE POINT OF BEGINNING.

CONTAINS 4.61 ACRES

NARRATIVE:

THIS ALTA/NSPS LAND TITLE SURVEY WAS DONE AT THE REQUEST OF THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS.
THE BASIS OF BEARINGS IS NORTH 89°41'57" EAST BETWEEN THE NORTH QUARTER CORNER AND THE NORTHEAST CORNER OF SECTION 5, TOWNSHIP 42 SOUTH, RANGE 16 WEST, SALT LAKE BASE AND MERIDIAN .

REFERENCE DOCUMENTS

CAMEO PARK SUBDIVISION PHASES 1, 2 & 3
R/S #1935-95
R/S # 3626-02
R/S # 5648-11
DOC ID 20110009387 (WARRANTY DEED)
DOC ID 20110000594 (LOT LINE AGREEMENT)
DOC ID 20140035043 (300 S EASEMENT)

SCHEDULE B SECTION 2, EXCEPTIONS

PER TITLE REPORT BY
OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY
FILE NUMBER: 2594260KH

ITEMS 1-12 NON-PLOTABLE

13 EASEMENTS AND RESERVATIONS AS REFERENCED IN THAT CERTAIN POND PARK BOUNDARY LINE SETTLEMENT AGREEMENT: RECORDED: JANUARY 6, 2011 ENTRY NO.: 20110000584, OF THE OFFICIAL RECORDS

14 EASEMENTS AND RESERVATIONS AS REFERENCED IN THAT CERTAIN EASEMENT AGREEMENT: RECORDED: SEPTEMBER 16, 2013 (ENTRY NO.: 20130035043, OF THE OFFICIAL RECORDS

ITEMS 5-16 NON PLOTABLE

LOT DATA

PROPERTY AREA: 4.61 ACRES
PARCEL APN: I-SB-24-B-8
ADDRESS: 334 E 200 S, IVINS, UTAH 84738
ZONED: RESIDENTIAL AGRICULTURAL DISTRICT (RA-1) (MIN. LOT SIZE = 1 ACRE)

SUBJECT PARCEL FALLS WITHIN FLOOD ZONE "X" AREA OF MINIMAL FLOOD HAZARD, PER FIRM MAP #49053C1766G EFFECTIVE 4/2/2009

PROJECT BENCHMARK IS A FOUND ALUMINUM CAP ON THE CENTERLINE OF 200 SOUTH STREET, 25 FEET NORTH OF THE NORTH EAST CORNER OF THE PROPERTY
ELEVATION 3027.88' AS SHOWN

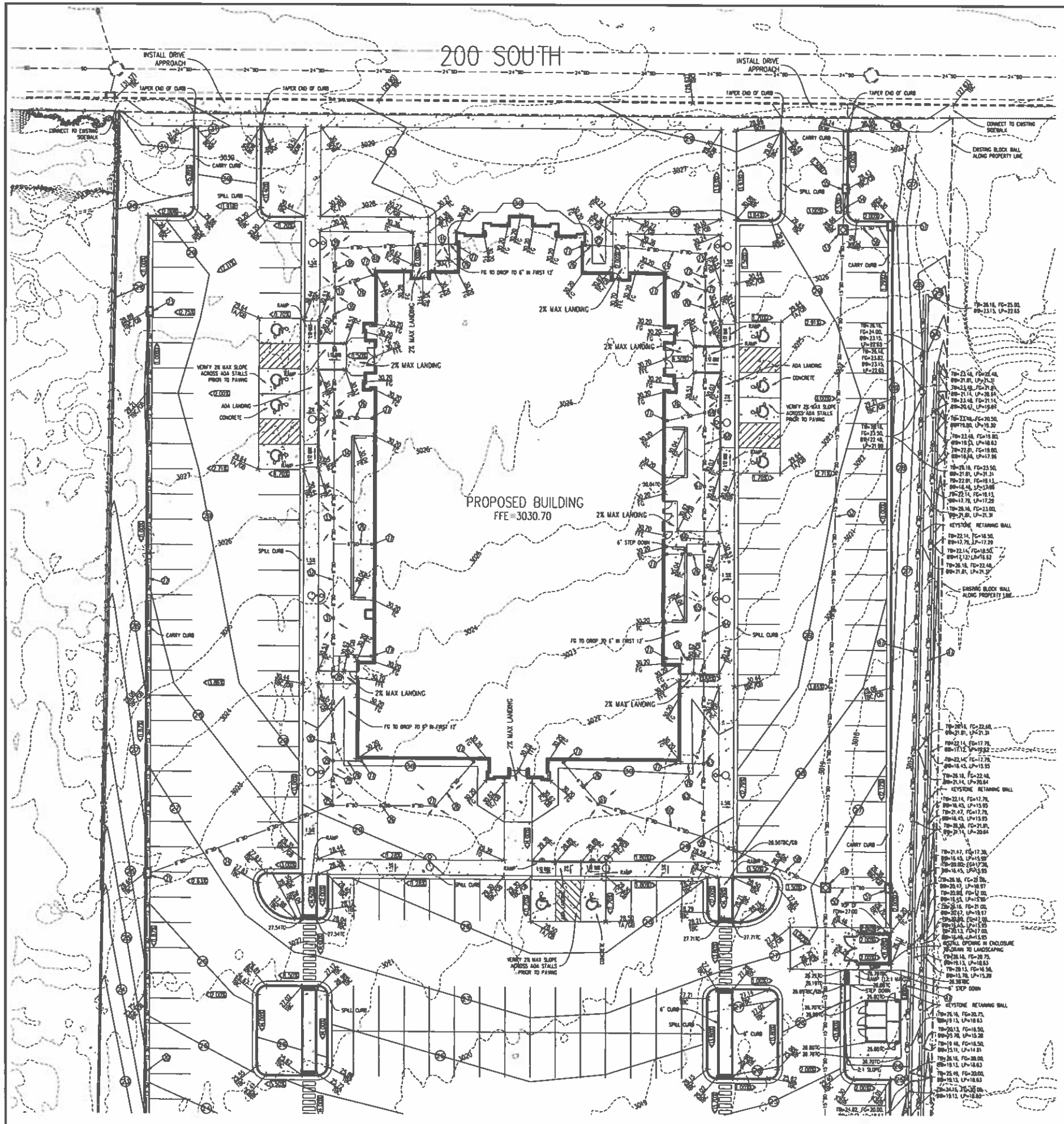
THERE IS EVIDENCE OF EARTH WORK (AGRICULTURAL TILLING) ON THE PROPERTY.
THERE IS EVIDENCE OF A SILT FILLED STORM DRAIN ACROSS THE PROPERTY
THERE IS EVIDENCE OF PAVED IMPROVEMENTS ON THE PROPERTY
THERE ARE NO BUILDINGS ON THE PROPERTY.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

BROWN CONSULTING ENGINEERS, P.C.
CIVIL ENGINEERING-LAND SURVEYING-LAND PLANNING
736 SOUTH 900 EAST SUITE B 105
ST. GEORGE, UTAH 84790
(435) 628-4700 FAX (435) 628-4725

ALTA/NSPS SURVEY
200 SOUTH, IVINS PROPERTY (IVINS H24 SC)
FOR THE IVINS UTAH STAKE OF
THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
LOCATED IN THE SW 1/4 SEC. 3 T43S, R15W, SLB&M
IVINS CITY, UTAH

CHECKED BY : SK
DRAWN BY : ADJ
DATE : 10/06/2025
JOB NO. : 25-06
SCALE : 1"=40'
SHEET NO. : 1 OF 1



SEE SHEET C202

STORM DRAIN KEYED NOTES

1. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3006.12 (MATCH EXISTING ASPHALT), 12" IE THRU=3002.19
2. CONST. 400 L.F. 12" ADS N-12 @ S=1.70%
3. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3014.05, 12" IE THRU=3009.00
4. CONST. 215 L.F. 12" ADS N-12 @ S=0.5%
5. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3015.19, 12" IE THRU=3010.08
6. CONST. 5 L.F. 12" ADS N-12 @ S=0.5%, CAP AND MARK END OF PIPE, FL OF PIPE = 3010.11
7. CONST. 101 L.F. 12" ADS N-12 @ S=4.79%
8. CONST. 4'X4' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3020.15, 15" IE IN (E)=3013.84, 15" IE OUT (W)=3013.84, 12" IE OUT (N)=3014.94, 12" IE OUT (S)=3013.84, IE BOX=3010.50, INSTALL 4.8" DIAMETER ORIFICE PLATE OVER 12" OUTLET PIPE ON SOUTHSIDE OF BOX. INSTALL SHOUT TYPE 18F OVER ORIFICE PLATE AND OVER 15" OUTLET PIPE ON THE WEST.
9. CONST. 5 L.F. 15" ADS N-12 @ S=4%
10. CONST. 12" ADS BEND FITTING FOR OVERFLOW INTO CHAMBERS
11. CONST. STORMTECH UNDERGROUND STORAGE SYSTEM WITH (210) SC-800 CHAMBERS W/ (28) END CAPS. INSTALL 8" OF STONE ABOVE CHAMBERS AND 6" OF STONE UNDER SYSTEM. SYSTEM STORES 17,460 CUBIC FEET. TOP OF GRAVEL=3016.75, TOP OF CHAMBERS=3016.25, BOTTOM OF CHAMBERS=3013.50, BOTTOM OF GRAVEL=3013.00, 15" IE IN=3013.64, 12" IE IN=3014.70. INSTALL PER STORMTECH STANDARD DETAILS AND SPECIFICATIONS. OTHER STORM WATER CHAMBERS ARE ALLOWED WITH THE SAME SYSTEM SIZE.
12. CONST. INSPECTION PORT
13. CONST. ISOLATOR ROW
14. CONST. 5 L.F. 15" ADS N-12 @ S=4%
15. CONST. 4'X4' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3019.76, 15" IE IN (W/S/E)=3013.84, 12" IE OUT (N)=3014.94, IE BOX=3010.50, INSTALL SHOUT TYPE 18F OVER 15" OUTLET PIPE ON EAST OUTLET.
16. CONST. 17 L.F. 15" ADS N-12 @ S=6%
17. CONST. (2) 2'X3' CATCH BASINS WITH FACE INLETS. CONNECT CATCH BASINS TOGETHER. TBC=3019.36, GRATE=3018.86, 15" IE OUT=3014.86
18. CONST. 75 L.F. 15" ADS N-12 @ S=1.6%
19. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3018.80, GRATE=3018.30, 15" IE THRU=3015.04
20. CONST. 226 L.F. 15" ADS N-12 @ S=3.30%
21. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3026.65, GRATE=3026.15, 8" IE IN=3023.21, 15" IE THRU=3022.50
22. CONST. 220 L.F. 15" ADS N-12 @ S=1.2%
23. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.89, GRATE=3028.39. 15" IE OUT=3025.14
24. CONST. 78 L.F. 8" ADS N-12 @ S=1%
25. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 8" IE THRU=3023.99
26. CONST. 41 L.F. 8" ADS N-12 @ S=6.24%
27. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.55, 8" IE OUT=3026.55
28. CONST. 18 L.F. 8" ADS N-12 @ S=1%
29. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 6" IE IN=3024.17, 8" IE THRU=3024.17
30. CONST. 57 L.F. 8" ADS N-12 @ S=1%
31. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3024.74
32. CONST. 40 L.F. 8" ADS N-12 @ S=1%
33. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3025.14
34. CONST. 40 L.F. 8" ADS N-12 @ S=1%
35. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3025.54, 8" IE THRU=3025.54
36. CONST. 52 L.F. 8" ADS N-12 @ S=1%
37. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.06, 8" IE THRU=3026.06
38. CONST. 16 L.F. 8" ADS N-12 @ S=1%
39. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3026.22
40. CONST. 43 L.F. 8" ADS N-12 @ S=1%
41. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.60, BASE OF GRATE=3029.35, 6" IE IN=3026.65, 8" IE OUT=3026.65
42. CONST. 69 L.F. 15" ADS N-12 @ S=2.51%
43. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3020.46, GRATE=3019.96, 15" IE THRU=3015.57
44. CONST. 21 L.F. 15" ADS N-12 @ S=1%
45. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3020.28, GRATE=3019.78, 15" IE OUT=3015.78
46. CONST. 4'X4'X4' GRAVEL AREA WRAPPED IN FABRIC TO COLLECT MINIMUM DRAINAGE COLLECTED BEHIND WALL
47. CONST. 4" PERFORATED PIPE WITH FILTER SOCK SET AT THE BASE OF THE BLOCK WALL.
48. CONST. 323 L.F. 15" ADS N-12 @ S=3.06%
49. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIA. SOLID LID. RIM=3026.79, 8" IE IN=3023.40, 15" IE THRU=3022.40
50. CONST. 23 L.F. 15" ADS N-12 @ S=1%
51. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3026.38, GRATE=3025.88, 15" IE OUT=3022.63
52. CONST. 258 L.F. 15" ADS N-12 @ S=0.77%
53. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIA. SOLID LID, RIM=3028.30, 15" IE THRU=3024.39
54. CONST. 13 L.F. 15" ADS N-12 @ S=2.23%
55. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.43, GRATE=3027.93, 15" IE OUT=3024.68
56. CONST. 17 L.F. 15" ADS N-12 @ S=1%
57. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.30, GRATE=3027.80, 15" IE OUT=3024.56
58. CONST. 51 L.F. 15" ADS N-12 @ S=1%
59. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.00, BASE OF GRATE=3028.75, 8" IE THRU=3023.91
60. CONST. 44 L.F. 8" ADS N-12 @ S=6%
61. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.55, 8" IE OUT=3026.55
62. CONST. 29 L.F. 8" ADS N-12 @ S=1%
63. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 6" IE IN=3024.20, 8" IE THRU=3024.20
64. CONST. 61 L.F. 8" ADS N-12 @ S=1%
65. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3024.81
66. CONST. 49 L.F. 8" ADS N-12 @ S=1%
67. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3025.30
68. CONST. 29 L.F. 8" ADS N-12 @ S=1%
69. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3025.59, 8" IE THRU=3025.59
70. CONST. 48 L.F. 8" ADS N-12 @ S=1%
71. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.07, 8" IE THRU=3026.07
72. CONST. 15 L.F. 8" ADS N-12 @ S=1%
73. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3026.22
74. CONST. 43 L.F. 8" ADS N-12 @ S=1%
75. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.60, BASE OF GRATE=3029.35, 6" IE IN=3026.65, 8" IE OUT=3026.65
76. CONST. 6" ADS @ S=1% MIN. CONNECT TO DRAIN BASIN OR INTO PIPE WITH INSERTA TEE (SEE PLAN VIEW)
77. CONST. DOWNSPOUT COLLECTION BOX, SEE DETAIL A/C503

*YARD DRAIN INLET PROTECTION NOTE: INSTALL PER DETAIL B/C503

BENCH MARK

FOUND MONUMENT IN RING & LID, NORTH ¼ CORNER, SECTION 5, T4S, R16W, SLB&M
BENCHMARK ELEV = 3060.38'

20 10 0 20 40 60
Scale 1" = 20'

GEOTECHNICAL NOTE

CONTRACTOR TO FOLLOW ALL RECOMMENDATIONS FOR SITE CONSTRUCTION AS CONTAINED IN THE GEOTECHNICAL EVALUATION REPORT BY GSH DATED NOVEMBER 6, 2025.

GRADING LEGEND

FFE	FINISHED FLOOR ELEV.	FG	FINISHED GRADE
BOW	BACK OF WALK	TW	TOP OF WALL
GB	GRADE BREAK	BW	BOTTOM OF WALL
TC	TOP OF CONCRETE	IE	INVERT ELEVATION
TBC	TOP BACK OF CURB		DIRECTION OF DRAINAGE
TA	TOP OF ASPHALT	(00.00)	EXISTING ELEVATION
RIM	RIM ELEVATION	00.00	PROPOSED ELEVATION
FL	FLOWLINE		EXISTING CONTOUR
LP	LEVELLING PAD		PROPOSED CONTOUR
UP	UP OF CURB		STORM DRAIN KEYED NOTE

evans + associates architecture
11576 South State Street, Suite 100, Draper, Utah 84020
phone 801.553.4073

Stamp
REGISTERED PROFESSIONAL ENGINEER
No. 270393
DAVID W PETERSON
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

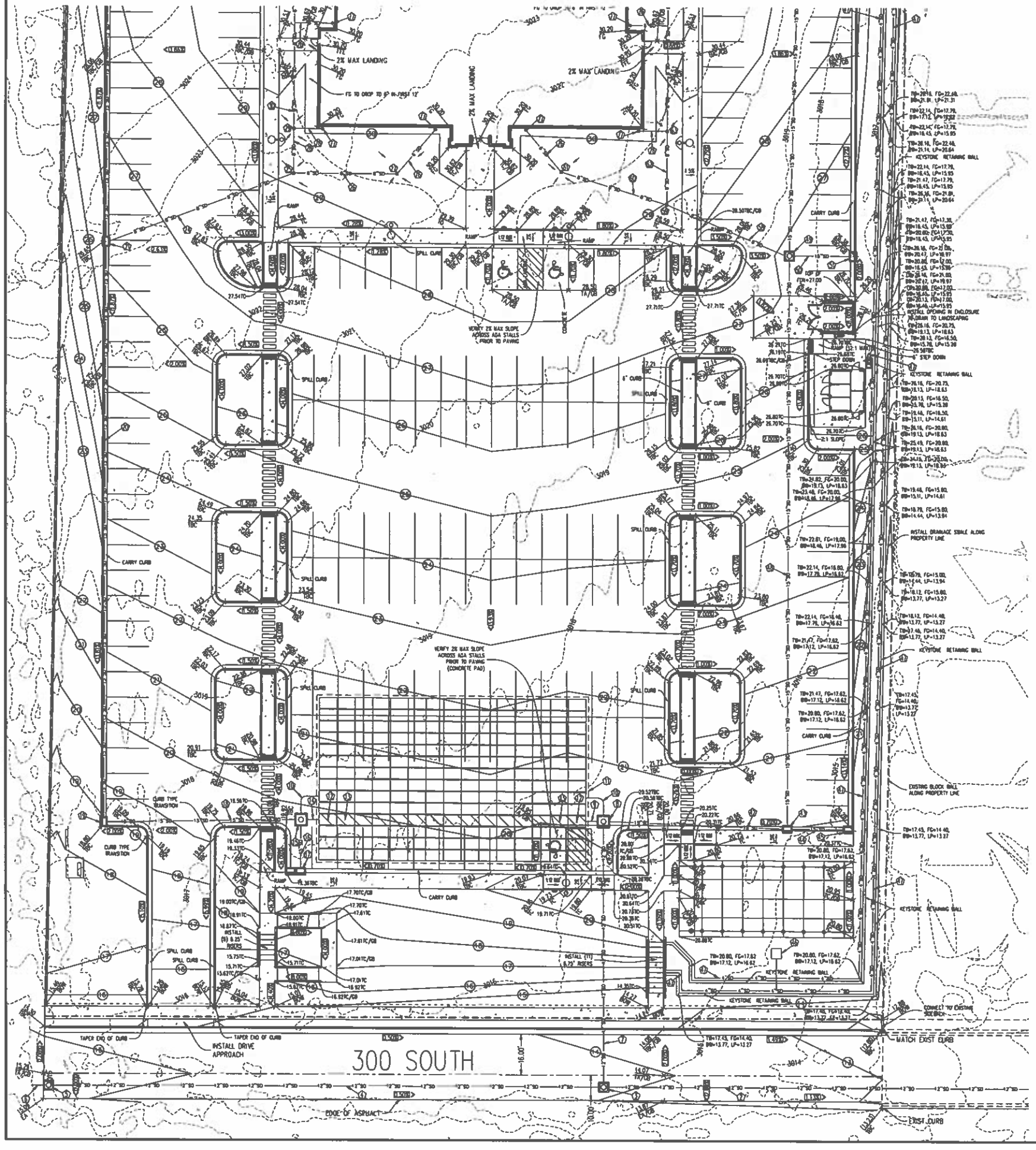
Revisions			
Mark	Date	Description	

Project Number 25-19
Plan Series Heritage 24
Property Number 500-2087-24010101
Date June 16, 2025

Sheet Title
GRADING & DRAINAGE PLAN

Sheet
C201

SEE SHEET C201



STORM DRAIN KEYED NOTES (8)

1. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3006.12 (MATCH EXISTING ASPHALT), 12" IE THRU=3002.19
2. CONST. 400 L.F. 12" ADS N-12 @ S=1.70%
3. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3014.05, 12" IE THRU=3009.00
4. CONST. 215 L.F. 12" ADS N-12 @ S=0.5%
5. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3015.19, 12" IE THRU=3010.08
6. CONST. 5 L.F. 12" ADS N-12 @ S=0.5%, CAP AND MARK END OF PIPE, FL OF PIPE = 3010.18
7. CONST. 101 L.F. 12" ADS N-12 @ S=4.79%
8. CONST. 4'X4' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3020.15, 15" IE IN (E)=3013.84, 15" IE OUT (W)=3013.84, 12" IE OUT (N)=3014.94, 12" IE OUT (S)=3013.84, IE BOX=3010.50, INSTALL 4.6" DIAMETER ORIFICE PLATE OVER 12" OUTLET PIPE ON SOUTHSIDE OF BOX. INSTALL SNOUT TYPE 18F OVER ORIFICE PLATE AND OVER 15" OUTLET PIPE ON THE WEST.
9. CONST. 5 L.F. 15" ADS N-12 @ S=4%
10. CONST. 12" ADS BEND FITTING FOR OVERFLOW INTO CHAMBERS
11. CONST. STORMTECH UNDERGROUND STORAGE SYSTEM WITH (210) SC-800 CHAMBERS W/ (28) END CAPS. INSTALL 6" OF STONE ABOVE CHAMBERS AND 6" OF STONE UNDER SYSTEM. SYSTEM STORES 17,460 CUBIC FEET. TOP OF GRAVEL=3016.75, TOP OF CHAMBERS=3016.25, BOTTOM OF CHAMBERS=3013.50, BOTTOM OF GRAVEL=3013.00, 15" IE IN=3013.64, 12" IE IN=3014.70. INSTALL PER STORMTECH STANDARD DETAILS AND SPECIFICATIONS. OTHER STORM WATER CHAMBERS ARE ALLOWED WITH THE SAME SYSTEM SIZE.
12. CONST. INSPECTION PORT
13. CONST. ISOLATOR ROW
14. CONST. 5 L.F. 15" ADS N-12 @ S=4%
15. CONST. 4'X4' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3019.75, 15" IE IN (W/S/E)=3013.84, 12" IE OUT (N)=3014.94, IE BOX=3010.50, INSTALL SNOUT TYPE 18F OVER 15" OUTLET PIPE ON EAST OUTLET.
16. CONST. 17 L.F. 15" ADS N-12 @ S=5%
17. CONST. (2) 2'X3' CATCH BASINS WITH FACE INLETS. CONNECT CATCH BASINS TOGETHER. TBC=3019.36, GRATE=3018.86, 15" IE OUT=3014.88
18. CONST. 75 L.F. 15" ADS N-12 @ S=1.6%
19. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3018.80, GRATE=3018.30, 15" IE THRU=3015.04
20. CONST. 226 L.F. 15" ADS N-12 @ S=3.30%
21. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3026.65, GRATE=3026.15, 8" IE IN=3023.21, 15" IE THRU=3022.50
22. CONST. 220 L.F. 15" ADS N-12 @ S=1.2%
23. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.89, GRATE=3028.39, 15" IE OUT=3025.14
24. CONST. 78 L.F. 8" ADS N-12 @ S=1%
25. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 8" IE THRU=3023.99
26. CONST. 41 L.F. 8" ADS N-12 @ S=6.24%
27. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.55, 8" IE OUT=3026.55
28. CONST. 18 L.F. 8" ADS N-12 @ S=1%
29. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 6" IE IN=3024.17, 8" IE THRU=3024.17
30. CONST. 57 L.F. 8" ADS N-12 @ S=1%
31. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3024.74
32. CONST. 40 L.F. 8" ADS N-12 @ S=1%
33. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3025.14
34. CONST. 40 L.F. 8" ADS N-12 @ S=1%
35. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3025.54, 8" IE THRU=3025.54
36. CONST. 52 L.F. 8" ADS N-12 @ S=1%
37. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.06, 8" IE THRU=3026.06
38. CONST. 16 L.F. 8" ADS N-12 @ S=1%
39. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3026.22
40. CONST. 43 L.F. 8" ADS N-12 @ S=1%
41. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.60, BASE OF GRATE=3029.35, 6" IE IN=3026.65, 8" IE OUT=3026.65
42. CONST. 89 L.F. 15" ADS N-12 @ S=2.51%
43. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3020.46, GRATE=3019.96, 15" IE THRU=3015.57
44. CONST. 21 L.F. 15" ADS N-12 @ S=1%
45. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3020.28, GRATE=3019.78, 15" IE OUT=3015.78
46. CONST. 4'X4'X4' GRAVEL AREA WRAPPED IN FABRIC TO COLLECT MINIMUM DRAINAGE COLLECTED BEHIND WALL
47. CONST. 4" PERFORATED PIPE WITH FILTER SOCK SET AT THE BASE OF THE BLOCK WALL.
48. CONST. 223 L.F. 15" ADS N-12 @ S=3.06%
49. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIA. SOLID LID. RIM=3026.79, 8" IE IN=3023.40, 15" IE THRU=3022.40
50. CONST. 23 L.F. 15" ADS N-12 @ S=1%
51. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3026.38, GRATE=3025.88, 15" IE OUT=3022.63
52. CONST. 258 L.F. 15" ADS N-12 @ S=0.77%
53. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIA. SOLID LID, RIM=3028.30, 15" IE THRU=3024.39
54. CONST. 13 L.F. 15" ADS N-12 @ S=2.23%
55. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.43, GRATE=3027.93, 15" IE OUT=3024.68
56. CONST. 17 L.F. 15" ADS N-12 @ S=1%
57. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.30, GRATE=3027.80, 15" IE OUT=3024.56
58. CONST. 51 L.F. 15" ADS N-12 @ S=1%
59. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.00, BASE OF GRATE=3028.75, 8" IE THRU=3023.91
60. CONST. 44 L.F. 8" ADS N-12 @ S=8%
61. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.55, 8" IE OUT=3026.55
62. CONST. 29 L.F. 8" ADS N-12 @ S=1%
63. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 6" IE IN=3024.20, 8" IE THRU=3024.20
64. CONST. 61 L.F. 8" ADS N-12 @ S=1%
65. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3024.81
66. CONST. 49 L.F. 8" ADS N-12 @ S=1%
67. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3025.30
68. CONST. 29 L.F. 8" ADS N-12 @ S=1%
69. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3025.59, 8" IE THRU=3025.59
70. CONST. 48 L.F. 8" ADS N-12 @ S=1%
71. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.07, 8" IE THRU=3026.07
72. CONST. 15 L.F. 8" ADS N-12 @ S=1%
73. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3028.22
74. CONST. 43 L.F. 8" ADS N-12 @ S=1%
75. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.60, BASE OF GRATE=3029.35, 6" IE IN=3026.65, 8" IE OUT=3026.65
76. CONST. 6" ADS @ S=1% MIN. CONNECT TO DRAIN BASIN OR INTO PIPE WITH INSERTA TEE (SEE PLAN VIEW)
77. CONST. DOWNSPOUT COLLECTION BOX, SEE DETAIL A/C503

*YARD DRAIN INLET PROTECTION NOTE: INSTALL PER DETAIL B/C503

GRADING LEGEND

FFE	FINISHED FLOOR ELEV.	FG	FINISHED GRADE
BOW	BACK OF WALK	TW	TOP OF WALL
GB	GRADE BREAK	BW	BOTTOM OF WALL
TC	TOP OF CONCRETE	IE	INVERT ELEVATION
TBC	TOP BACK OF CURB	100.00	DIRECTION OF DRAINAGE
TA	TOP OF ASPHALT	100.00 EX	EXISTING ELEVATION
RIM	RIM ELEVATION	100.00 PR	PROPOSED ELEVATION
FL	FLOWLINE	4808	EXISTING CONTOUR
LP	LEVELLING PAD	4810	PROPOSED CONTOUR
LIP	LIP OF CURB	10	STORM DRAIN KEYED NOTE

20 10 0 20 40 60

Scale 1" = 20'

evans + associates architecture
(435) 649-9293 (435) 649-9297
1335 W. 2100 S., Suite 100A, Ogden, UT 84401

Stamp

REGISTERED PROFESSIONAL ENGINEER
No. 270393
DAVID W. PETERSON
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-20087-240101D1
Date
June 16, 2025

Sheet Title
GRADING & DRAINAGE PLAN

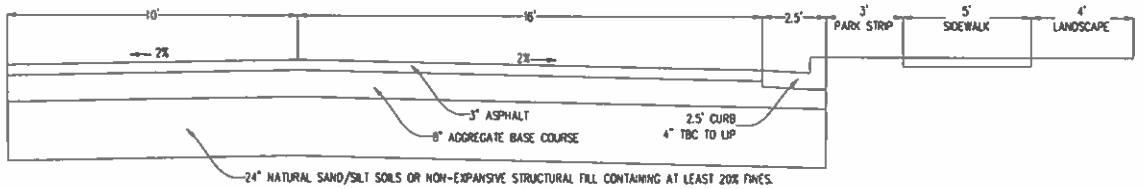
Sheet
C202

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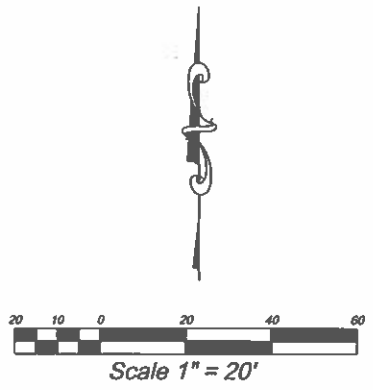
PARKING LOT PAVEMENT
3" ASPHALT CONCRETE
8" AGGREGATE BASE COURSE
24" NATURAL SAND/SILT SOILS OR NON-EXPANSIVE STRUCTURAL FILL CONTAINING AT LEAST 20% FINES.
OVER PROPERLY PREPARED NATURAL SUBGRADE SOILS, FILLS, AND/OR STRUCTURAL SITE GRADING FILL EXTENDING TO PROPERLY PREPARED FILLS AND/OR SUITABLE NATURAL SUBGRADE SOILS

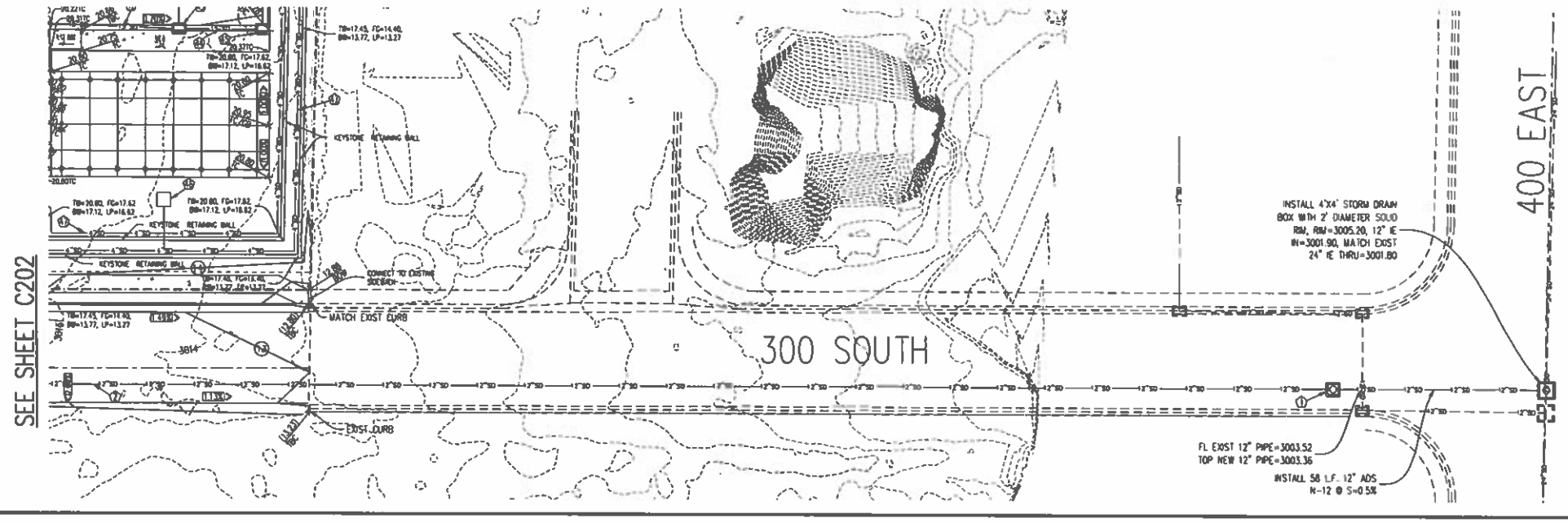
ADA STALLS
5.5" PORTLAND CEMENT CONCRETE (NON-REINFORCED)
4" AGGREGATE BASE COURSE
60" NATURAL SAND/SILT SOILS OR NON-EXPANSIVE STRUCTURAL FILL CONTAINING AT LEAST 20% FINES.
OVER PROPERLY PREPARED NATURAL SUBGRADE SOILS, FILLS, AND/OR STRUCTURAL SITE GRADING FILL EXTENDING TO PROPERLY PREPARED FILLS AND/OR SUITABLE NATURAL SUBGRADE SOILS

DUMPSTER ENCLOSURE PAD AND AREA IN FRONT OF SHED
8" PORTLAND CEMENT CONCRETE (NON-REINFORCED)
12" AGGREGATE BASE COURSE
12" OF NONT-EXPANSIVE STRUCTURAL FILL CONTAINING AT LEAST 20% FINES.
OVER PROPERLY PREPARED NATURAL SUBGRADE SOILS, FILLS, AND/OR STRUCTURAL SITE GRADING FILL EXTENDING TO PROPERLY PREPARED FILLS AND/OR SUITABLE NATURAL SUBGRADE SOILS



RESIDENTIAL COLLECTOR ROAD SECTION





STORM DRAIN KEYED NOTES

1. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3006.12 (MATCH EXISTING ASPHALT), 12" IE THRU=3002.19
2. CONST. 400 L.F. 12" ADS N-12 @ S=1.70%
3. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3014.05, 12" IE THRU=3009.00
4. CONST. 215 L.F. 12" ADS N-12 @ S=0.5%
5. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3015.19, 12" IE THRU=3010.08
6. CONST. 5 L.F. 12" ADS N-12 @ S=0.5%, CAP AND MARK END OF PIPE, FL OF PIPE = 3010.11
7. CONST. 101 L.F. 12" ADS N-12 @ S=4.79%
8. CONST. 4'X4' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3020.15, 15" IE IN (E)=3013.84, 15" IE OUT (W)=3013.84, 12" IE OUT (N)=3014.94, 12" IE OUT (S)=3013.84, IE BOX=3010.50, INSTALL 4.8" DIAMETER ORIFICE PLATE OVER 12" OUTLET PIPE ON SOUTHSIDE OF BOX. INSTALL SNOUT TYPE 18F OVER ORIFICE PLATE AND OVER 15" OUTLET PIPE ON THE WEST.
9. CONST. 5 L.F. 15" ADS N-12 @ S=4%
10. CONST. 12" ADS BEND FITTING FOR OVERFLOW INTO CHAMBERS
11. CONST. STORMTECH UNDERGROUND STORAGE SYSTEM WITH (210) SC-800 CHAMBERS W/ (28) END CAPS. INSTALL 6" OF STONE ABOVE CHAMBERS AND 6" OF STONE UNDER SYSTEM. SYSTEM STORES 17,460 CUBIC FEET. TOP OF GRAVEL=3016.75, TOP OF CHAMBERS=3016.25, BOTTOM OF CHAMBERS=3013.50, BOTTOM OF GRAVEL=3013.00, 15" IE IN=3013.84, 12" IE IN=3014.70. INSTALL PER STORMTECH STANDARD DETAILS AND SPECIFICATIONS. OTHER STORM WATER CHAMBERS ARE ALLOWED WITH THE SAME SYSTEM SIZE.
12. CONST. INSPECTION PORT
13. CONST. ISOLATOR ROW
14. CONST. 5 L.F. 15" ADS N-12 @ S=4%
15. CONST. 4'X4' STORM DRAIN BOX WITH 2' DIAMETER SOLID LID, RIM=3019.76, 15" IE IN (W/S/E)=3013.84, 12" IE OUT (N)=3014.94, IE BOX=3010.50, INSTALL SNOUT TYPE 18F OVER 15" OUTLET PIPE ON EAST OUTLET.
16. CONST. 17 L.F. 15" ADS N-12 @ S=6%
17. CONST. (2) 2'X3' CATCH BASINS WITH FACE INLETS. CONNECT CATCH BASINS TOGETHER. TBC=3019.36, GRATE=3018.86, 15" IE OUT=3014.86
18. CONST. 75 L.F. 15" ADS N-12 @ S=1.6%
19. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3018.80, GRATE=3018.30, 15" IE THRU=3015.04
20. CONST. 226 L.F. 15" ADS N-12 @ S=3.30%
21. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3026.65, GRATE=3026.15, 8" IE IN=3023.21, 15" IE THRU=3022.50
22. CONST. 220 L.F. 15" ADS N-12 @ S=1.2%
23. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.89, GRATE=3028.39, 15" IE OUT=3025.14
24. CONST. 78 L.F. 8" ADS N-12 @ S=1%
25. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 8" IE THRU=3023.99
26. CONST. 41 L.F. 8" ADS N-12 @ S=6.24%
27. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.55, 8" IE OUT=3026.55
28. CONST. 18 L.F. 8" ADS N-12 @ S=1%
29. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 6" IE IN=3024.17, 8" IE THRU=3024.17
30. CONST. 57 L.F. 8" ADS N-12 @ S=1%
31. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3024.74
32. CONST. 40 L.F. 8" ADS N-12 @ S=1%
33. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3025.14
34. CONST. 40 L.F. 8" ADS N-12 @ S=1%
35. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3025.54, 8" IE THRU=3025.54
36. CONST. 52 L.F. 8" ADS N-12 @ S=1%
37. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.06, 8" IE THRU=3026.06
38. CONST. 16 L.F. 8" ADS N-12 @ S=1%
39. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3026.22
40. CONST. 43 L.F. 8" ADS N-12 @ S=1%
41. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.60, BASE OF GRATE=3029.35, 6" IE IN=3026.65, 8" IE OUT=3026.65
42. CONST. 69 L.F. 15" ADS N-12 @ S=2.51%
43. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3020.46, GRATE=3019.96, 15" IE THRU=3015.57
44. CONST. 21 L.F. 15" ADS N-12 @ S=1%
45. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3020.28, GRATE=3019.78, 15" IE OUT=3015.78
46. CONST. 4'X4'X4' GRAVEL AREA WRAPPED IN FABRIC TO COLLECT MINIMUM DRAINAGE COLLECTED BEHIND WALL.
47. CONST. 4" PERFORATED PIPE WITH FILTER SOCK SET AT THE BASE OF THE BLOCK WALL.
48. CONST. 223 L.F. 15" ADS N-12 @ S=3.06%
49. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIA. SOLID LID. RIM=3026.79, 8" IE IN=3023.40, 15" IE THRU=3022.40
50. CONST. 23 L.F. 15" ADS N-12 @ S=1%
51. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3026.38, GRATE=3025.88, 15" IE OUT=3022.63
52. CONST. 258 L.F. 15" ADS N-12 @ S=0.77%
53. CONST. 3'X3' STORM DRAIN BOX WITH 2' DIA. SOLID LID, RIM=3028.30, 15" IE THRU=3024.39
54. CONST. 13 L.F. 15" ADS N-12 @ S=2.23%
55. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.43, GRATE=3027.93, 15" IE OUT=3024.88
56. CONST. 17 L.F. 15" ADS N-12 @ S=1%
57. CONST. 2'X3' CATCH BASIN WITH FACE INLET, TBC=3028.30, GRATE=3027.80, 15" IE OUT=3024.56
58. CONST. 51 L.F. 15" ADS N-12 @ S=1%
59. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.00, BASE OF GRATE=3028.75, 8" IE THRU=3023.91
60. CONST. 44 L.F. 8" ADS N-12 @ S=6%
61. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.55, 8" IE OUT=3026.55
62. CONST. 29 L.F. 8" ADS N-12 @ S=1%
63. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.25, BASE OF GRATE=3029.00, 6" IE IN=3024.20, 8" IE THRU=3024.20
64. CONST. 61 L.F. 8" ADS N-12 @ S=1%
65. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3024.81
66. CONST. 49 L.F. 8" ADS N-12 @ S=1%
67. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3025.30
68. CONST. 29 L.F. 8" ADS N-12 @ S=1%
69. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3025.58, 8" IE THRU=3025.59
70. CONST. 48 L.F. 8" ADS N-12 @ S=1%
71. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 6" IE IN=3026.07, 8" IE THRU=3026.07
72. CONST. 15 L.F. 8" ADS N-12 @ S=1%
73. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.50, BASE OF GRATE=3029.25, 8" IE THRU=3026.22
74. CONST. 43 L.F. 8" ADS N-12 @ S=1%
75. CONST. 12" NYLOPLAST DRAIN BASIN WITH BLACK DOMED GRATE*, TOP OF MULCH=3029.60, BASE OF GRATE=3029.35, 6" IE IN=3026.65, 8" IE OUT=3026.65
76. CONST. 6" ADS @ S=1% MIN. CONNECT TO DRAIN BASIN OR INTO PIPE WITH INSERTA TEE (SEE PLAN VIEW)
77. CONST. DOWNSPOUT COLLECTION BOX, SEE DETAIL A/C503

*YARD DRAIN INLET PROTECTION NOTE: INSTALL PER DETAIL B/C503

GRADING LEGEND

FFE	FINISHED FLOOR ELEV.	FG	FINISHED GRADE
BOW	BACK OF WALK	TW	TOP OF WALL
GB	GRADE BREAK	BW	BOTTOM OF WALL
TC	TOP OF CONCRETE	IE	INVERT ELEVATION
TBC	TOP BACK OF CURB	4.0%	DIRECTION OF DRAINAGE
TA	TOP OF ASPHALT	(00.00)	EXISTING ELEVATION
RIM	RIM ELEVATION	00.00 TBC	PROPOSED ELEVATION
FL	FLOWLINE	4808	EXISTING CONTOUR
LP	LEVELLING PAD	4808	PROPOSED CONTOUR
LIP	LIP OF CURB	W	STORM DRAIN KEYED NOTE

evans + associates architecture
1245 East Brickyard Road, Suite 100, Salt Lake City, Utah 84106
phone 801-533-8272 fax 801-533-8273

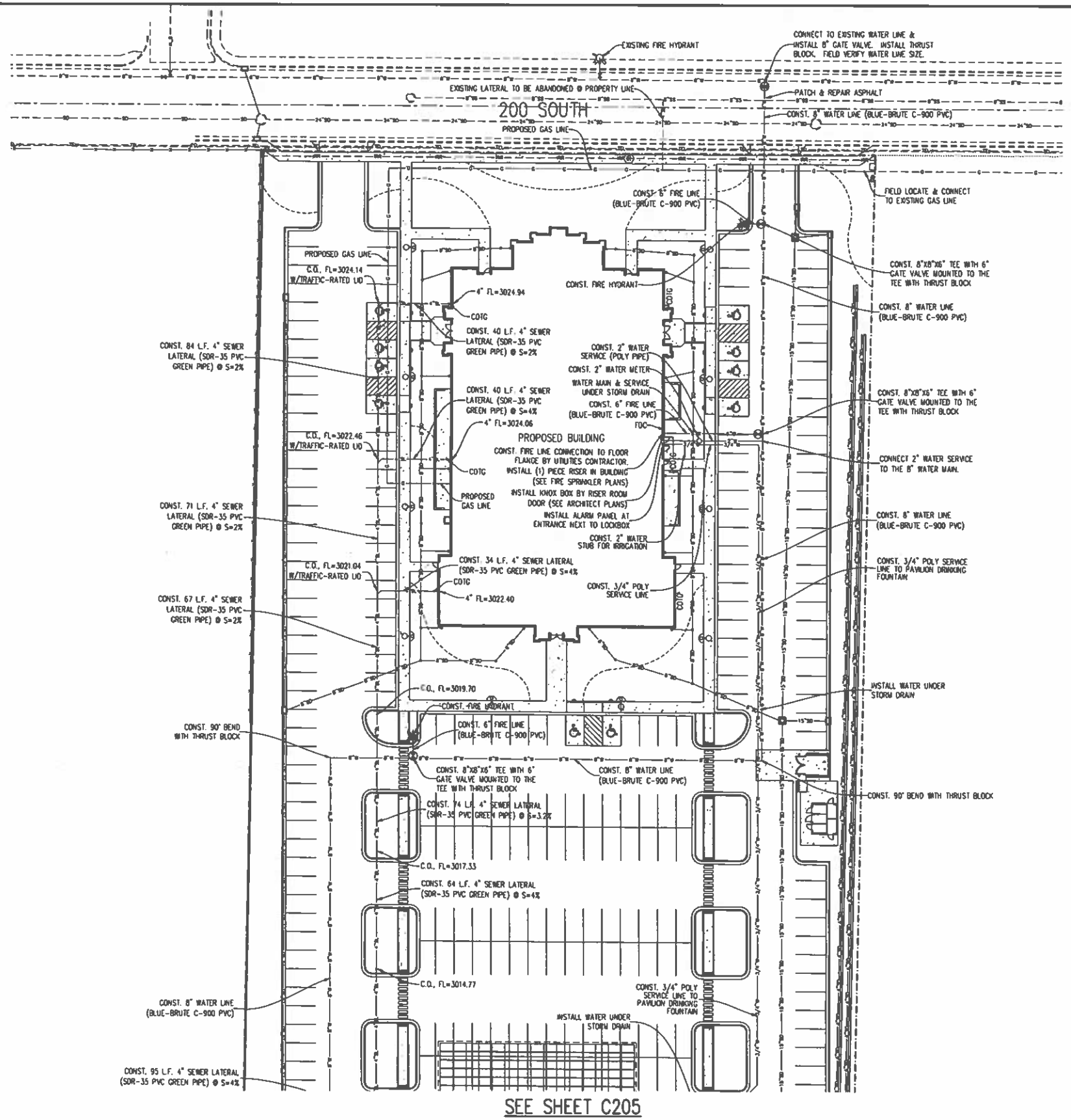
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LICENSED PROFESSIONAL ENGINEER
12/4/25
No. 276393
DAVID W. PETERSON
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 16, 2025
Sheet Title
GRADING & DRAINAGE PLAN
Sheet
C203



SEE SHEET C205

30 15 0 30 60 90

Scale 1" = 30'

evans + associates architecture
1176 East 3900 South, Suite 100, Salt Lake City, Utah 84124
phone 801-533-8273 fax 801-533-8273

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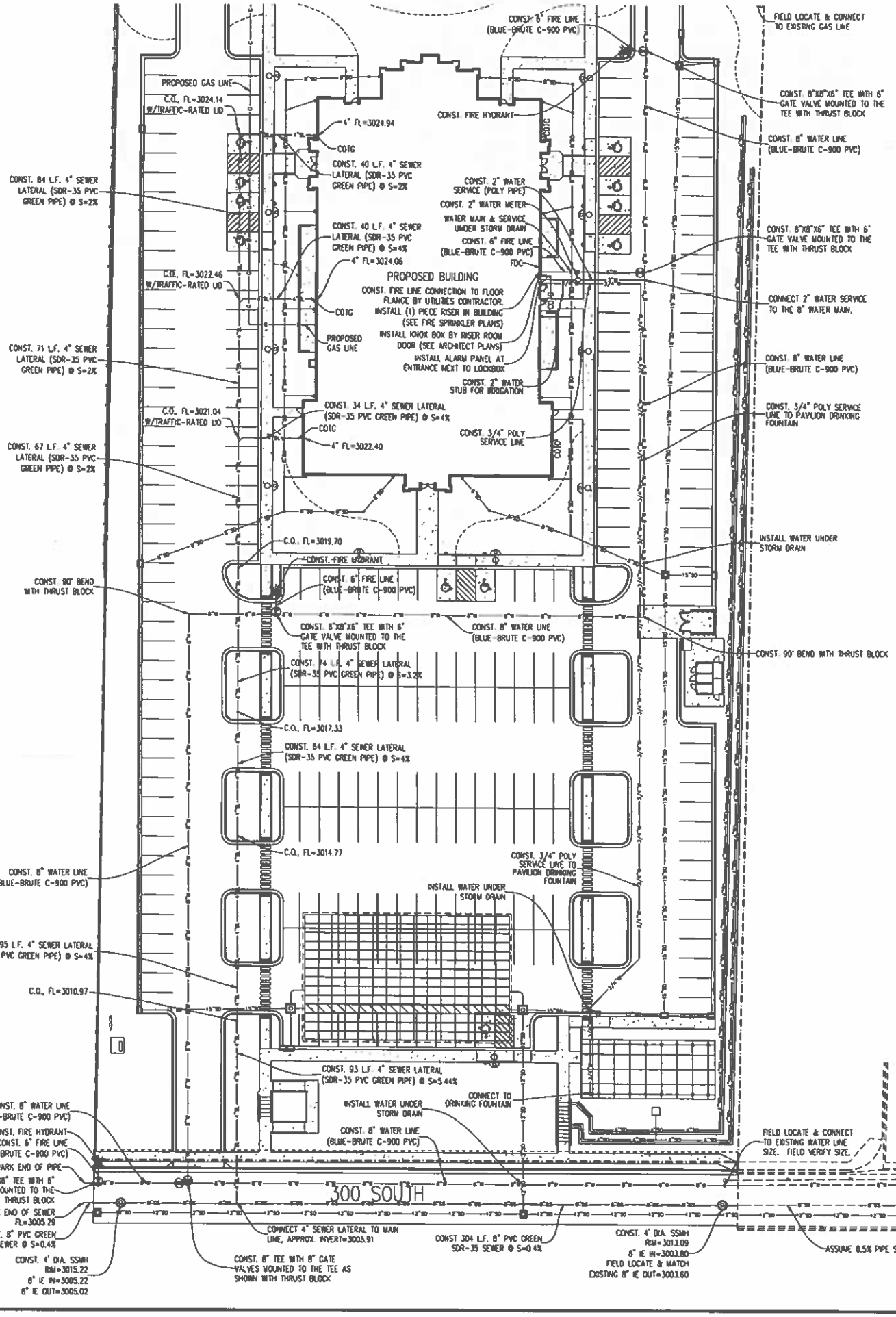
Revisions		
Mark	Date	Description

Project Number
25-18
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 18, 2025

Sheet Title
UTILITY PLAN

Sheet
C204

SEE SHEET C204



30 15 0 30 60 90

Scale 1" = 30'

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Stamp

REGISTERED PROFESSIONAL ENGINEER
12/4/25
No. 270393
DAVID W. PETERSON
STATE OF UTAH

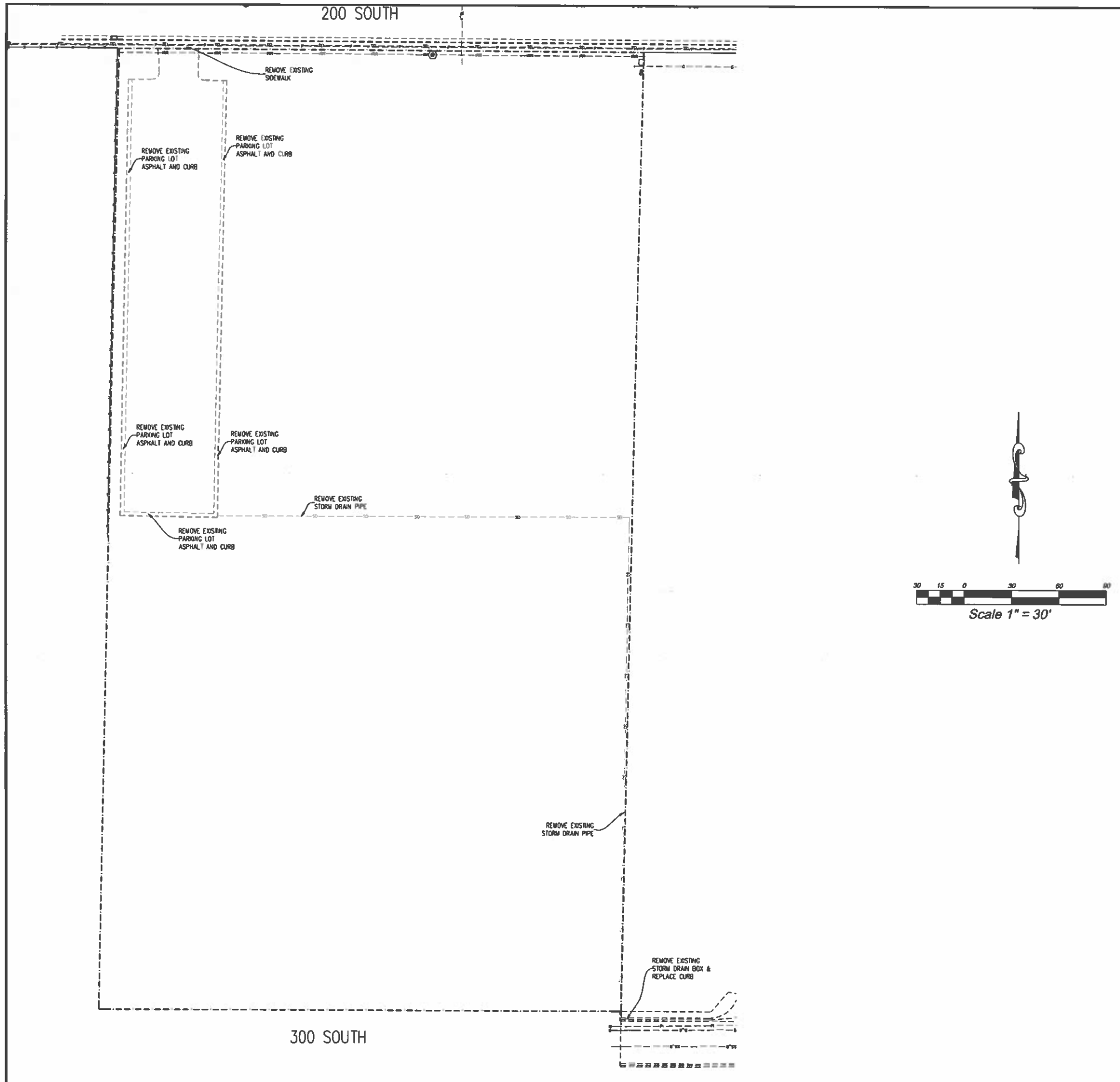
A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number 25-19
Plan Series Heritage 24
Property Number 500-2087-24010101
Date June 18, 2025
Sheet Title UTILITY PLAN

Sheet C205



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Stamp

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A New Meetinghouse for:
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Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

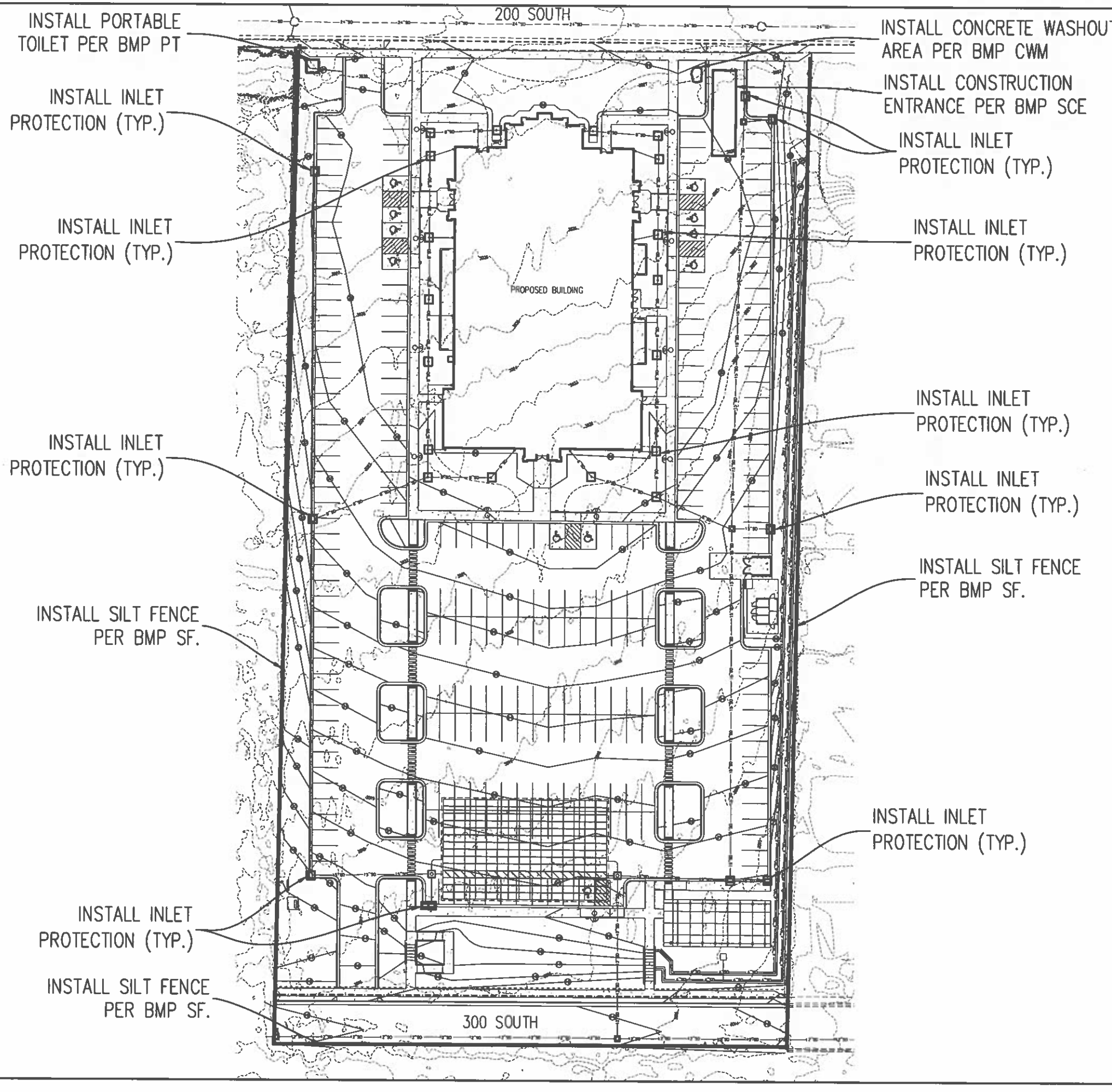
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 16, 2025

Sheet Title
DEMOLITION PLAN

Sheet
C206



30 15 0 30 60 90

Scale 1" = 30'

FULL SWPPP & NOI NOTE

1. A FULL SWPPP AND NOI MUST BE SUBMITTED FOR A BUILDING PERMIT TO BE ISSUED AND MUST BE APPROVED BEFORE THE PRE-CONSTRUCTION MEETING.

EROSION CONTROL NOTES:

1. CONTRACTOR IS TO READ AND UNDERSTAND ALL BMP PRACTICES PRIOR TO ANY CONSTRUCTION ON THIS SITE. CONTRACTOR IS TO FOLLOW ALL BMP PRACTICES CONTAINED IN THESE PLANS.
2. CONSTRUCT A SILT FENCE AS SHOWN ON PLAN. SEE BMP SF.
3. INSTALL A CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN PRIOR TO ANY GRADING ON THE SITE. SEE BMP SCE
4. INSTALL CONCRETE WASHOUT AREA AS PER BMP CWM.
5. INSTALL PORTABLE TOILET AS PER BMP PT
6. INSTALL INLET PROTECTION ON NEW INLETS. FILTER FABRIC UNDER GRATE OR BMP IP-C OR EQUAL.
7. THE SITE IS TO BE WATERED AT LEAST ONCE A WEEK TO CONTROL DUST OR MORE FREQUENT AS DETERMINED BY THE CONTRACTOR.
8. CONTRACTOR IS TO REMOVE INLET PROTECTION FROM CATCH BASINS AND CLEAN-OUT ALL CATCH BASINS BEFORE LEAVING THE SITE.
9. CONTRACTOR WILL BE RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF BMP'S DURING CONSTRUCTION.
10. ALL CONSTRUCTION PERIOD BEST MANAGEMENT PRACTICES ARE TO BE INSPECTED & MAINTAINED AT LEAST WEEKLY, ALSO BEFORE AND AFTER EACH STORM EVENT.
11. CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF ALL INSPECTIONS AND MAINTENANCE ON SITE WITH THE STORM WATER POLLUTION PREVENTION PLAN.

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A New Meetinghouse for:
Ivins 8 & Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

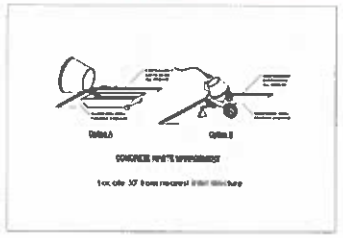
Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-2401@101
Date
June 16, 2025

Sheet Title
EROSION CONTROL PLAN

Sheet
C207

BMP: Concrete Waste Management

CWM
Construction



DESCRIPTION:
Prevent or reduce the discharge of pollutants to storm water from concrete waste by conducting washout off-site, performing on-site washout in a designated area, and training employees and subcontractors.

APPLICATION:
This technique is applicable to all types of sites.

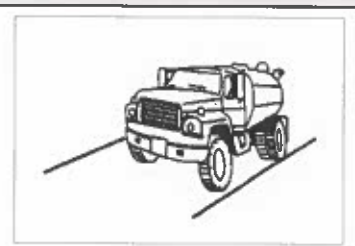
INSTALLATION/APPLICATION CRITERIA:
- Store dry materials under cover, away from drainage areas.
- Minimize excess mixing of fresh concrete, mortar or cement on-site.
- Perform washout of concrete trucks off-site or in designated areas only.
- Do not wash out concrete trucks into storm drains, open ditches, streets, or streams
- Do not allow excess concrete to be dumped on-site, except in designated areas.
- When washing concrete to remove fine particles and expose the aggregate, avoid creating runoff by draining the water within a bermed or level area (6" tall by 6" wide).
- Train employees and subcontractors in proper concrete waste management.

LIMITATIONS:
- Off-site washout of concrete wastes may not always be possible.

MAINTENANCE:
- Inspect subcontractors to ensure that concrete wastes are being properly managed
- If using a temporary pit, dispose hardened concrete on a regular basis.

BMP: Dust Controls

DC
Construction



DESCRIPTION:
Dust control measures are used to stabilize soil from wind erosion, and reduce dust by construction activities.

APPLICATION:
Dust control is useful in any process area, loading and unloading area, material handling areas, and transfer areas where dust is generated. Street sweeping is limited to areas that are paved.

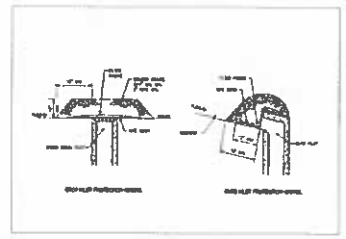
INSTALLATION/APPLICATION CRITERIA:
- Mechanical dust collection systems are designed according to the size of dust particles and the amount of air to be processed. Manufacturers' recommendations should be followed for installation (as well as the design of the equipment).
- Two kinds of street weepers are common: brush and vacuum. Vacuum sweepers are more efficient and work best when the area is dry.
- Mechanical equipment should be operated according to the manufacturers' recommendations and should be inspected regularly.

LIMITATIONS:
- Generally more expensive than manual systems.
- May be impossible to maintain by plant personnel (the more elaborate equipment).
- Labor and equipment intensive and may not be effective for all pollutants (street sweepers).

MAINTENANCE
If water sprayers are used, dust-contaminated waters should be collected and taken for treatment. Areas will probably need to be resprayed to keep dust from spreading.

BMP: Inlet Protection-Gravel

IP-G
Construction



DESCRIPTION:
Placement of gravel filter over inlet to storm drain to filter storm water runoff.

APPLICATION:
Construct at inlets in paved or unpaved areas where upgradient area is to be disturbed by construction activities

INSTALLATION/APPLICATION CRITERIA:
- Place wire mesh (with 1/2 inch openings) over the inlet grate extending one foot past the grate in all directions.
- Place filter fabric over the mesh. Filter fabric should be selected based on soil type.
- Place graded gravel, to a minimum depth of 12-inches, over the filter fabric and extending 18-inches past the grate in all directions.

LIMITATIONS:
- Recommended for maximum drainage area of one acre.
- Excess flows may bypass the inlet requiring down gradient controls.
- Ponding will occur at inlet.

MAINTENANCE:
- Inspect inlet protection after every large storm event and at a minimum of once monthly.
- Remove sediment accumulated when it reaches 4-inches in depth.
- Replace filter fabric and clean or replace gravel if clogging is apparent.

BMP: Land Grading

LG
Construction



DESCRIPTION:
Land grading involves reshaping the ground surface to planned grades as determined by an engineering survey, evaluation, and layout. Land grading provides more suitable topography for buildings, facilities, and other land uses and helps to control surface runoff, soil erosion, and sedimentation during and after construction.

APPLICATIONS:
Land grading is applicable to sites with uneven or steep topography or easily erodible soils, because it stabilizes slopes and decreases runoff velocity. Grading activities should maintain existing drainage patterns as much as possible.

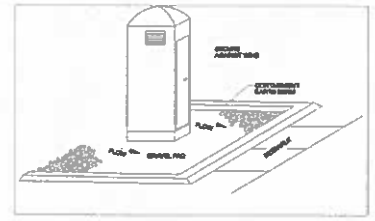
INSTALLATION/APPLICATION CRITERIA:
Before grading activities begin, a construction site operator must make decisions regarding the steepness of cut-and-fill slopes and how the slopes will be. Protected from runoff, stabilized and maintained.

LIMITATIONS:
Improper grading practices that disrupt natural stormwater patterns might lead to poor drainage, high-runoff velocities, and increased peak flows during storm events. Clearing and grading the entire site without vegetated buffers promotes offsite transport of sediments and other pollutants. Design the grading plan with erosion and sediment control and stormwater management goals in mind, to ensure that the plan is implemented as intended, carefully supervise grading crews.

MAINTENANCE
- Check all graded areas and supporting erosion and sediment control practices periodically, especially after heavy rainfalls
- Promptly remove all sediment from diversions or other stormwater conveyances, and if washouts or breaks occur, repair them immediately.
- To prevent small-scale eroded areas from becoming significant gullies, maintain them promptly.

BMP: Portable Toilets

PT
Construction



DESCRIPTION:
Temporary on-site sanitary facilities for construction personnel.

APPLICATION:
All sites with no permanent sanitary facilities or where permanent facility is too far from activities.

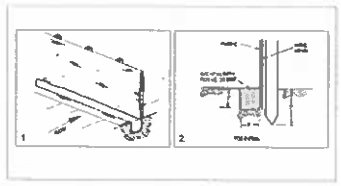
INSTALLATION/APPLICATION CRITERIA:
- Locate portable toilets in convenient locations throughout the site.
- Prepare level, gravel surface and provide clear access to the toilets for servicing and for on-site personnel
- Construct earth berm perimeter (6" tall by 5" wide), control for spill/protection leak.

LIMITATIONS:
- No limitations.

MAINTENANCE:
- Portable toilets should be maintained in good working order by licensed service with daily observation for leak detection.
- Regular waste collection should be arranged with licensed service.
- All waste should be deposited in sanitary sewer system for treatment with appropriate agency approval.

BMP: Silt Fence

SF
Construction



DESCRIPTION:
A temporary sediment barrier consisting of entrenched filter fabric stretched across and secured to supporting posts.
Application:
- Perimeter control: place barrier at down-gradient limits of disturbance
- Sediment barrier: place barrier at toe of slope or soil stockpile
- Protection of existing waterways: place barrier at top of stream bank
- Inlet protection: place fence surrounding catchbasins

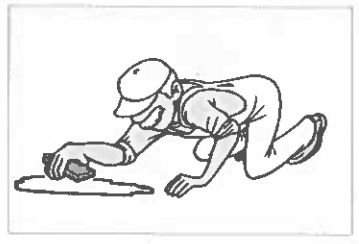
INSTALLATION/APPLICATION CRITERIA:
- Place posts 6 feet apart on center along contour (or use preassembled unit) and drive 2 feet minimum into ground. Excavate an anchor trench immediately up-gradient of posts.
- Secure wire mesh (14 gage min. with 6-inch openings) to upslope side of posts. Attach with heavy duty 1 inch long wire staples, tie wires or hog rings.
- Cut fabric to required width, unroll along length of barrier and drape over barrier. Secure fabric to mesh with twine, staples, or similar, with trailing edge extending into anchor trench.
- Backfill trench over filter fabric to anchor.

LIMITATIONS:
- Recommended maximum drainage area of 0.5 acre per 100 feet of fence
- Recommended maximum up-gradient slope length of 150 feet
- Recommended maximum uphill grade of 2:1 (50%)
- Recommended maximum flow rate of 0.5 cfs
- Ponding should not be allowed behind fence

MAINTENANCE:
- Inspect immediately after any rainfall and at least daily during prolonged rainfall.
- Look for runoff bypassing ends of barriers or undercutting barriers.
- Repair or replace damaged areas of the barrier and remove accumulated sediment.
- Reanchor fence as necessary to prevent shortcutting.
- Remove accumulated sediment when it reaches ½ the height of the fence.

BMP: Spill Clean-Up

SCU
Construction



DESCRIPTION:
Practices to clean-up leakage/spillage of on-site materials that may be harmful to receiving waters.

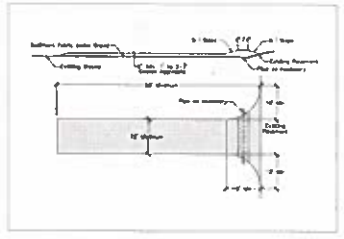
APPLICATION:
All sites

GENERAL:
- Store controlled materials within a storage area.
- Educate personnel on prevention and clean-up techniques.
- Designate an Emergency Coordinator responsible for employing preventative practices and for providing spill response.
- Maintain a supply of clean-up equipment on-site and post a list of local response agencies with phone numbers

METHODS:
- Clean-up spills/leaks immediately and remediate cause.
- Use as little water as possible. NEVER HOSE DOWN OR BURY SPILL CONTAMINATED MATERIAL
- Use rags or absorbent material for clean-up. Excavate contaminated soils. Dispose of clean-up material and soil as hazardous waste
- Document all spills with date, location, substance, volume, actions taken and other pertinent data.
- Contact the Salt Lake County Health Department (313-6700) for any spill of reportable quantity.

BMP: Stabilized Construction Entrance

SCE
Construction



DESCRIPTION:
A stabilized pad of crushed stone located where construction traffic enters or leaves the site from or to paved surface.

APPLICATION:
At any point of ingress or egress at a construction site where adjacent traveled way is paved. Generally applies to sites over 2 acres unless special conditions exist.

INSTALLATION/APPLICATION CRITERIA:
- Clear and grub area and grade to provide maximum slope of 2%.
- Compact subgrade and place filter fabric if desired (recommended for entrances to remain for more than 3 months
- Place coarse aggregate, 1 to 2-1/2 inches in size, to a minimum depth of 8 inches.

LIMITATIONS:
- Requires periodic top dressing with additional stones.
- Should be used in conjunction with street sweeping on adjacent public right-of-way.

MAINTENANCE:
- Inspect daily for loss of gravel or sediment buildup
- Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
- Repair entrance and replace gravel as required to maintain control in good working condition.
- Expand stabilized area as required to accommodate traffic and prevent erosion at driveways.

BMP: Street Sweeping

SS
Construction



DESCRIPTION:
Reduce the discharges of pollutants to stormwater from street surfaces by conducting street cleaning on a regular basis.

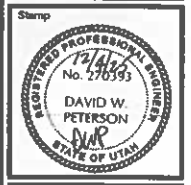
APPROACH:
- Prioritize cleaning to use the most sophisticated sweepers, at the highest frequency, and in areas with the highest pollutant loading.
- Restrict street parking prior to and during sweeping.
- Increase sweeping frequency just before the rainy season.
- Proper maintenance and operation of sweepers greatly increase their efficiency.
- Keep accurate operation logs to track programs.
- Sweepers effective at removing smaller particles (less than 10 microns) may generate dust that would lead to concerns over worker and public safety.
- Equipment selection can be key for this particular BMP. There are two types used, the mechanical broom sweepers (more effective at picking up large debris and cleaning wet streets), and the vacuum sweepers (more effective at removing fine particles and associated heavy metals). Many communities find it useful to have a compliment of both types in their fleet.

LIMITATIONS:
- Conventional sweepers are not able to remove oil and grease.
- Mechanical sweepers are not effective at removing finer sediments.
- Effectiveness may also be limited by street conditions, traffic congestion, presence of construction projects, climatic conditions and condition of curbs.

MAINTENANCE:
- Replace worn parts as necessary.
- Install main and gutter brooms of the appropriate weight.

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Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

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Project Number
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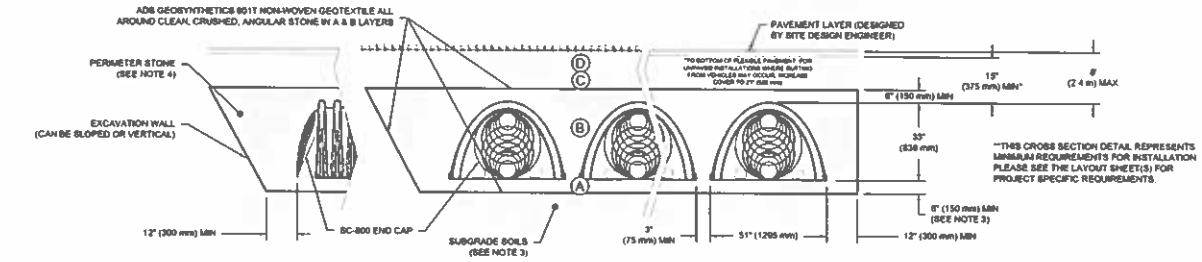
Sheet Title
BMP DETAILS

Sheet
C208

ACCEPTABLE FILL MATERIALS: STORMTECH SC-800 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 15" (375 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER	AASHTO M145[1] A-1, A-2-4, A-3 OR AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 12" (300 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[4]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE[4]	AASHTO M43[1] 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE[2,3]

PLEASE NOTE
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE"
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (150 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS
4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION
5. WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL"



NOTES:

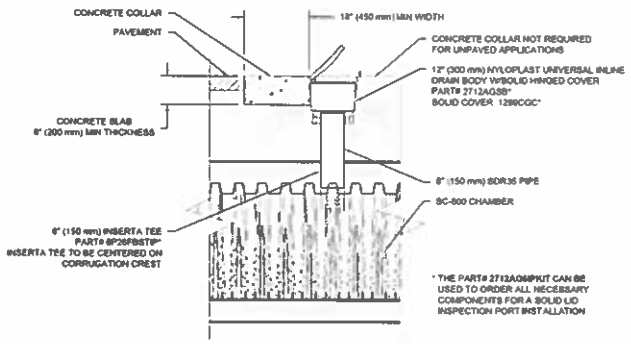
1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
2. SC-800 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE
4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS
5. REQUIREMENTS FOR HANDLING AND INSTALLATION
   - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS
   - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 2" (50 mm).
   - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT AS DEFINED IN SECTION 8.2.8 OF ASTM F2418 SHALL BE GREATER THAN OR EQUAL TO 750 LBF/FT/% AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS

STANDARD CROSS SECTION SC-800 CHAMBER — DATE: 04/29/25 — DRAWN: BMW — CHECKED: AJM — DRAWING #: 721-820

StormTech® Chamber System

ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

SHEET 1 OF 1



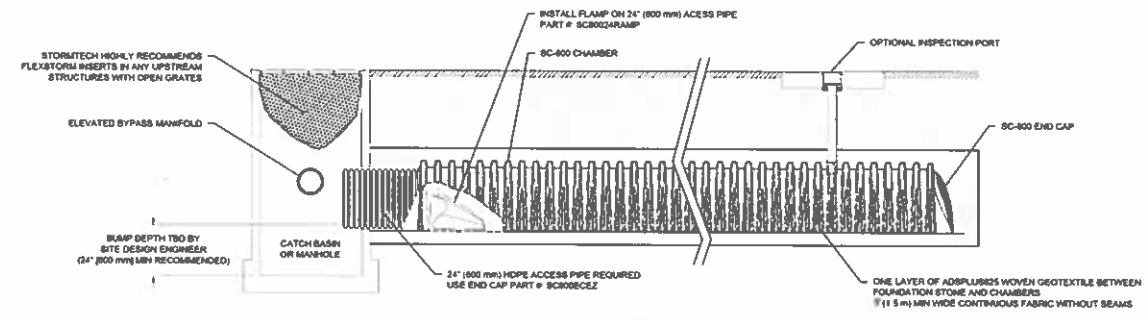
SC-800 6" (150 mm) INSPECTION PORT DETAIL
NTS

6" INSPECTION PORT DETAIL — SC-800 CHAMBER — DATE: 11/14/23 — DRAWN: AJM — CHECKED: CAP — PROJECT #:

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StormTech® Chamber System

1



SC-800 ISOLATOR ROW PLUS DETAIL
NTS

ISOLATOR ROW PLUS SC-800 CHAMBER — DATE: 04/16/2025 — DRAWN: BMW — CHECKED: AJM — DRAWING #: 721-830

StormTech® Chamber System

ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

SHEET 1 OF 1

INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS (IF PRESENT)
  - A.1 REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
  - A.2 REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
  - A.3 USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
  - A.4 LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
  - A.5 IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3
- B. ALL ISOLATOR PLUS ROWS
  - B.1 REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
  - B.2 USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
    - a) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
    - b) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
  - B.3 IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3

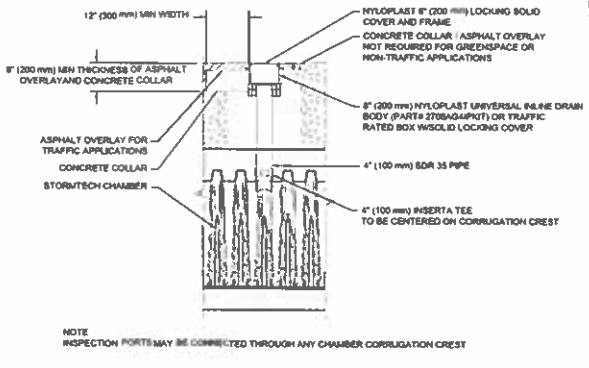
STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
- B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
- C. VACUUM STRUCTURE SUMP AS REQUIRED

STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS. RECORD OBSERVATIONS AND ACTIONS.

STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM

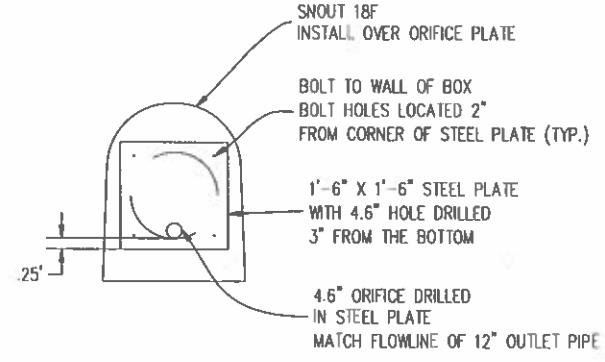
NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY



NOTE
INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUGATION CREST

4" PVC INSPECTION PORT DETAIL
(SC SERIES CHAMBER)
NTS



ORIFICE PLATE INSTALLATION DETAIL

evans + associates architecture
1515 East 3300 South, Suite 150b, Salt Lake City, UT 84106
phone 801-433-8272

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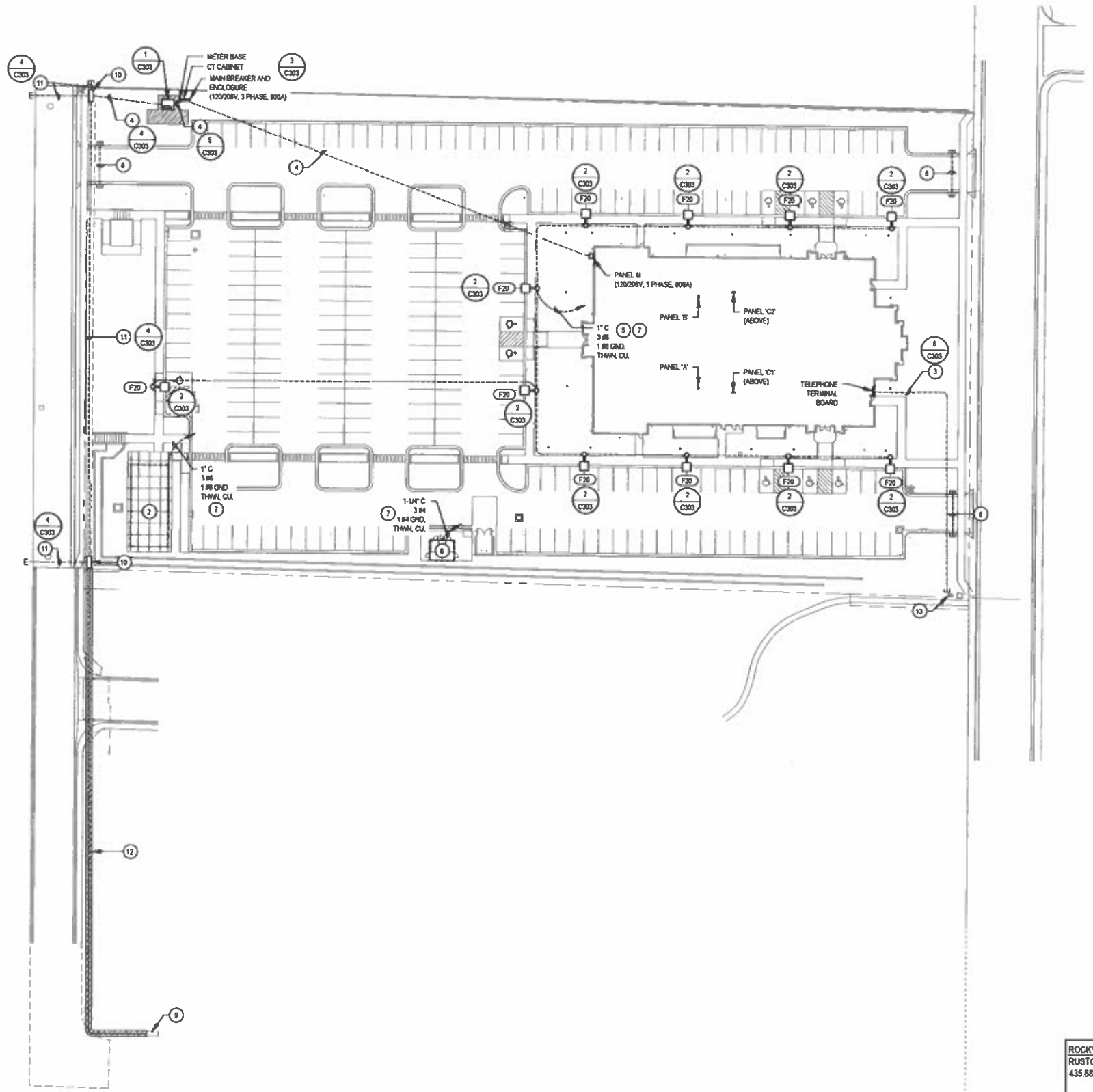
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number: 25-19
Plan Series: Heritage 24
Property Number: 500-2087-24010101
Date: June 16, 2025

Sheet Title: DETAIL SHEET

Sheet: C209



ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"

NORTH

GENERAL NOTES

1. ALL CONDUITS THAT ARE ROUGHED-IN UNDER THE SLAB SHALL BE PLACED UNDER THE VAPOR BARRIER.
2. ALL BELOW GRADE CONDUITS AND LIGHT POLE CONDUITS SHALL BE PLACED BELOW THE GRAVEL BASE. DO NOT INSTALL CONDUIT OR TOP OF GRAVEL, DIRECTLY BELOW THE SIDEWALK / BUILDING SLAB OR WITHIN THE GRAVEL BASE.

UTILITY REQUIREMENTS

1. BURY CONDUITS PER UTILITY REQUIREMENTS. REFER TO SHEET C303 FOR TYPICAL TRENCHING REQUIREMENTS.
2. VERIFY AND COMPLY WITH ALL DIXIE POWER, AND COMMUNICATIONS PROVIDER REQUIREMENTS.
3. OWNER TO PAY ALL LINE EXTENSION FEES, UNDERGROUND FEES, AND ALL MISC. FEES CHARGED BY ROCKY MOUNTAIN POWER AND COMMUNICATIONS PROVIDER.

EXTERIOR LIGHTING CONTROLS

ALL NONESSENTIAL EXTERIOR LIGHTING SHALL ONLY CONTINUE IN OPERATION UNTIL 11:00 P.M. OR FOR AS LONG AS OPEN OR AREA IS IN ACTIVE USE AND SHALL REMAIN OFF UNTIL DAYLIGHT THE FOLLOWING DAY. HOWEVER, THOSE LIGHTING FIXTURES TURNED OFF MAY BE SET TO FUNCTION UTILIZING A MOTION DETECTION SYSTEM.

KEYED NOTES (8)

1. COORDINATE ALL REQUIREMENTS AND CONNECTION LOCATIONS WITH DIXIE POWER PRIOR TO ANY WORK BEING DONE.
2. PROVIDE ALL REQUIRED CONDUIT, BRANCH CIRCUITS, EIGHT (8) LIGHT FIXTURES (F28), FOUR (4) RECEPTACLES (ONE AT EACH CORNER) WITH WEATHERPROOF COVERS, LOCKABLE NON-FUSED, NEMA 3R, 30A, 2 POLE DISCONNECT AND 0-60 MINUTE TIMER SWITCH WITH WEATHERPROOF COVER FOR LIGHTING CONTROLS FOR PAVILION. REFER TO THE PAVILION DRAWINGS FOR LOCATIONS, QUANTITIES AND OTHER REQUIREMENTS. SEE E601 FOR FIXTURE REQUIREMENTS.
3. EXTEND ONE (1) 4" CONDUIT WITH TRUE TAPE FROM THE TELEPHONE TERMINAL BOARD TO THE LOCATION SHOWN. UTILIZE LONG SWEEP ELBOWS. COORDINATE EXACT STUB LOCATION AND ALL REQUIREMENTS WITH COMMUNICATIONS PROVIDER PRIOR TO ANY ROUGH-IN.
4. REFER TO ONE-LINE DIAGRAM FOR CONDUIT AND CONDUCTOR REQUIREMENTS.
5. ROUTE THROUGH LIGHTING CONTROL PANEL. SEE DIAGRAM ON SHEET E605 FOR ADDITIONAL INFORMATION.
6. REFER TO ELECTRICAL DRAWINGS FOR STORAGE BUILDING ELECTRICAL REQUIREMENTS.
7. SEAL CONDUITS AS REQUIRED SO WATER DOES NOT RUN BACK INTO THE BUILDING.
8. TWO (2) 4" CONDUIT SLEEVES FOR OWNER USE, MINIMUM 24" BELOW FINISHED GRADE.
9. EXISTING ROCKY MOUNTAIN POWER GROUND SLEEVE. CONFIRM ALL REQUIREMENTS WITH ROCKY MOUNTAIN POWER PRIOR TO ANY ROUGH-IN.
10. NEW ROCKY MOUNTAIN POWER GROUND SLEEVE. CONFIRM ALL REQUIREMENTS WITH ROCKY MOUNTAIN POWER PRIOR TO ANY ROUGH-IN.
11. EXTEND A 4" CONDUIT PER ALL ROCKY MOUNTAIN POWER REQUIREMENTS TO LOCATION AS SHOWN.
12. PROVIDE BORING AS NECESSARY FOR CONDUIT EXTENSION AS SHOWN. ROUTE ALL CONDUITS IN THE EXISTING PUE. CONTRACTOR SHALL CONFIRM LOCATIONS OF ALL UTILITIES, STORM DRAINS, BRANCH CIRCUITS, ETC PRIOR TO ANY BORING. ANY DAMAGE DONE TO EXISTING BELOW GRADE INFRASTRUCTURE SHALL BE REPLACED TO ORIGINAL CONDITIONS. BORE DEPTHS ARE TO BE THE SAME AS THE TRENCHING REQUIREMENTS AS SHOWN IN DETAIL 4/C303.
13. EXISTING COMMUNICATION PEDESTAL. COORDINATE ALL REQUIREMENTS WITH THE COMMUNICATIONS PROVIDED PRIOR TO THE START OF THE CONSTRUCTION.

ROCKY MOUNTAIN POWER REPRESENTATIVE:
RUSTON JENSON
435.688.3708

CENTURY LINK REPRESENTATIVE:
-
-

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phone: 801.553.4272 fax: 801.553.4277

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REGISTERED PROFESSIONAL ENGINEER
DAVID P. WHITTON
No. 214997
STATE OF UTAH

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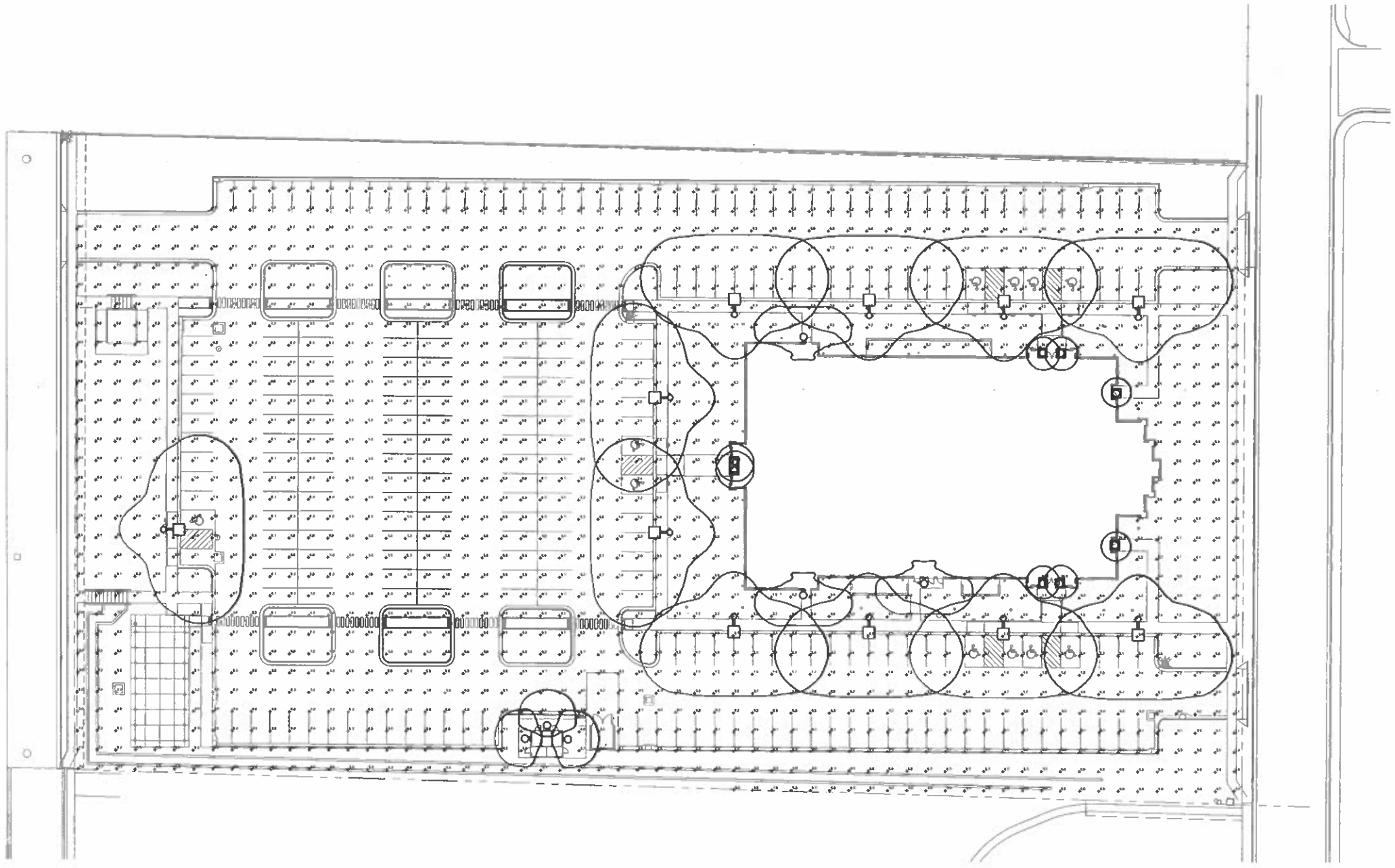
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number: 25-19
Plan Series: Heritage 24
Property Number: 500-2087-240101101
Date: June 16, 2025

Sheet Title: ELECTRICAL SITE PLAN

Sheet: C301



ELECTRICAL SITE ILLUMINATION PLAN

SCALE: 1" = 30'-0"

NORTH

evans + associates architecture

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REGISTERED PROFESSIONAL ENGINEER
DAVID P. WHITTON
No.284397
STATE OF UTAH

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Project for:
THE CHURCH OF
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Revisions		
Mark	Date	Description

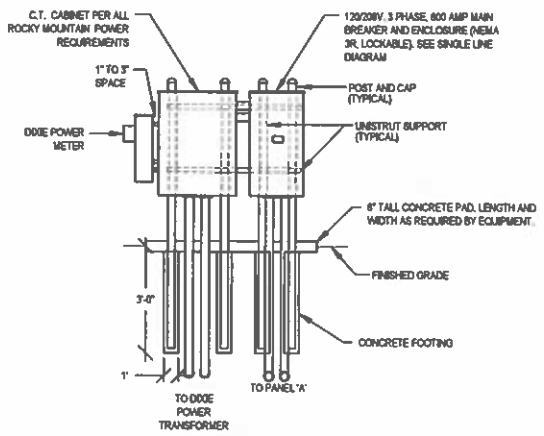
Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 16, 2025

Sheet Title
ELECTRICAL SITE ILLUMINATION PLAN

Sheet
C302

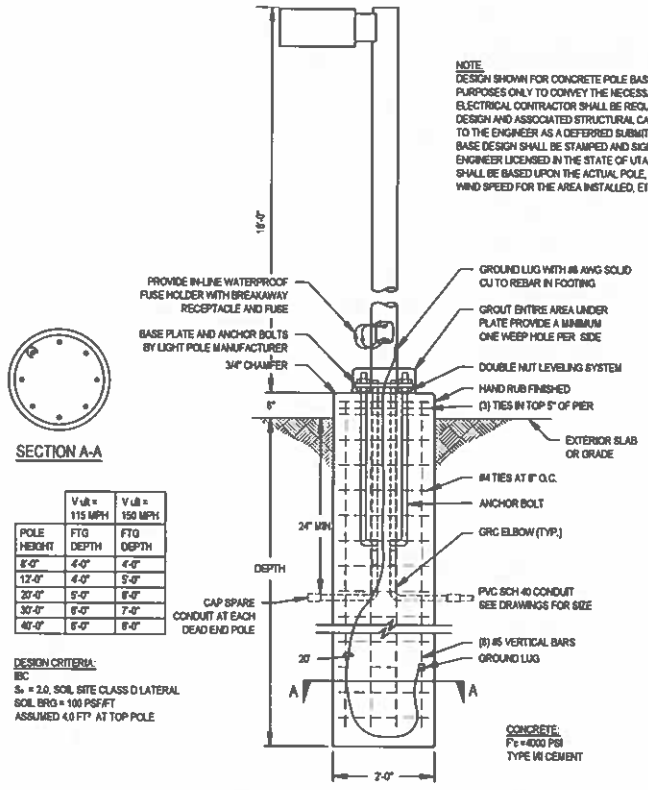
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ENV 2025-226.09



3 CT CABINET/METER AND MAIN BREAKER MOUNTING DETAIL
SCALE: none

NOTE:
DESIGN SHOWN FOR CONCRETE CONCRETE PAD AND FOOTING ARE FOR INFORMATIONAL PURPOSES ONLY TO CONVEY THE NECESSARY REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO PROVIDE A CONCRETE PAD / FOOTING DESIGN AND ASSOCIATED STRUCTURAL CALCULATIONS AND SUBMIT THEM TO THE ENGINEER AS A DEFERRED SUBMITTAL FOR REVIEW. THE CONCRETE PAD / FOOTING DESIGN SHALL BE STAMPED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF UTAH. THE CONCRETE PAD / FOOTING DESIGN SHALL BE BASED UPON THE PANELBOARD SIZE / WEIGHT, SOIL CONDITIONS, ETC.

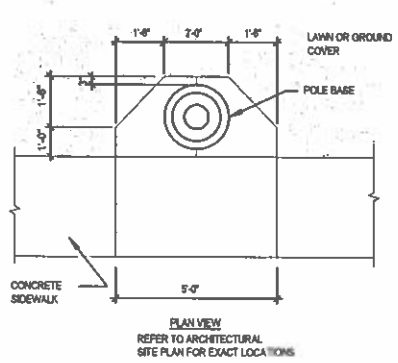


SECTION A-A

POLE HEIGHT	V ult = 115 MPH FTG DEPTH	V ult = 150 MPH FTG DEPTH
8'-0"	4'-0"	4'-0"
12'-0"	4'-0"	5'-0"
20'-0"	5'-0"	6'-0"
30'-0"	6'-0"	7'-0"
40'-0"	6'-0"	8'-0"

DESIGN CRITERIA:
IBC
S_s = 2.0, SOIL SITE CLASS D LATERAL
SOIL BRG = 100 PSF/FT
ASSUMED 4.0 FT² AT TOP POLE

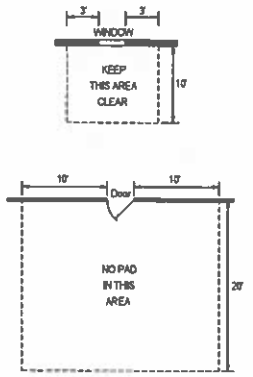
NOTE:
DESIGN SHOWN FOR CONCRETE POLE BASES IS FOR INFORMATIONAL PURPOSES ONLY TO CONVEY THE NECESSARY REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL BE REQUIRED TO PROVIDE A POLE BASE DESIGN AND ASSOCIATED STRUCTURAL CALCULATIONS AND SUBMIT THEM TO THE ENGINEER AS A DEFERRED SUBMITTAL FOR REVIEW. THE POLE BASE DESIGN SHALL BE STAMPED AND SIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF UTAH. THE POLE BASE DESIGN SHALL BE BASED UPON THE ACTUAL POLE, FIXTURE, SOIL CONDITIONS, WIND SPEED FOR THE AREA INSTALLED, ETC.

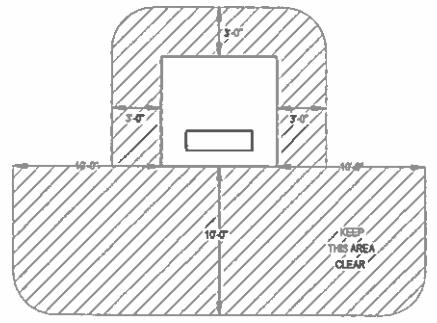


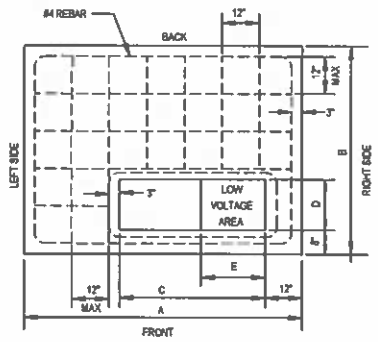
PLAN VIEW
REFER TO ARCHITECTURAL SITE PLAN FOR EXACT LOCATIONS

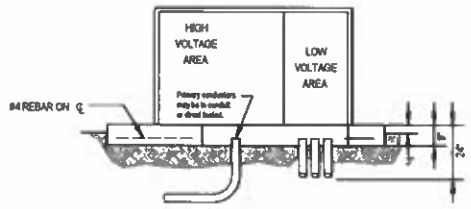
2 TYPICAL POLE BASE DETAIL
SCALE: NONE

CONCRETE:
F'_c =4000 PSI
TYPE MI CEMENT









TRANSFORMER PAD DIMENSION CHART					
TRANSFORMER	DIMENSIONS				
RATING	A	B	C	D	E
75-500 KVA	84"	78"	48"	15"	20"
750-2500 KVA	96"	82"	60"	18"	30"

COORDINATE ALL REQUIREMENTS WITH DIXIE POWER.
REFER TO THE CURRENT ESR MANUAL FOR ALL PAD AND CLEARANCE REQUIREMENTS.

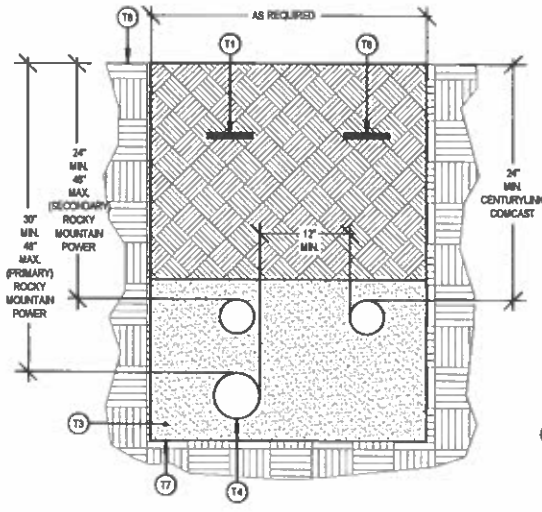
1 ROCKY MOUNTAIN POWER TRANSFORMER PAD DETAIL
SCALE: NONE

TRENCHING KEYED NOTES: (T8)

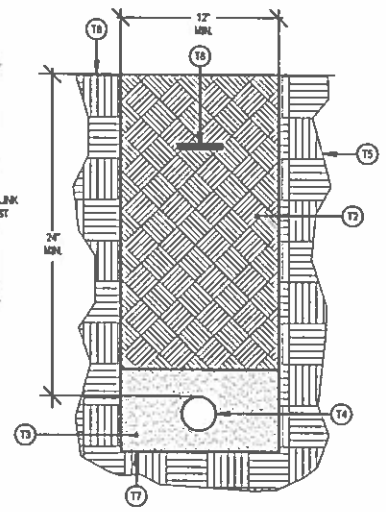
1. MARKER TAPE WITH TRACER WIRE LABELED, "CAUTION BURIED ELECTRIC CONDUITS BELOW" DIRECTLY OVER POWER CONDUITS 6" MINIMUM BELOW GRADE.
2. CLEAN BACKFILL CONTAINING NO ROCKS LARGER THAN 4" DIA.
3. BACKFILL MATERIAL WITHIN 4" TO 6" OF CONDUIT SHALL PASS THROUGH A 3/4" SIEVE FRAME OR SAND WITHOUT ANY SHARP OR FOREIGN OBJECTS.
4. ALL CONDUITS SHOWN SHALL BE SCHEDULE 40 PVC. SEE SITE PLANS AND POWER PLANS FOR QUANTITIES.
5. UNDISTURBED EARTH.
6. MARKER TAPE WITH TRACER WIRE LABELED, "CAUTION BURIED DATA/COMMUNICATION CONDUIT BELOW" DIRECTLY OVER DATA/COMM CONDUITS.
7. TRENCHES SHALL BE A UNIFORM DEPTH FOR ENTIRE LENGTH OF TRENCH SO CONDUITS CAN SIT FLAT (HORIZONTAL) WITH THE GROUND.
8. FINISHED GRADE.

TRENCHING GENERAL NOTES:

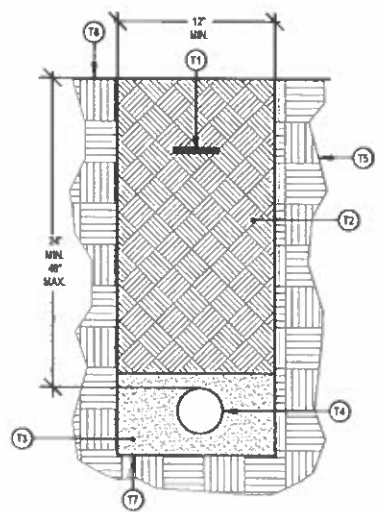
1. PROVIDE PULL 1/4" NYLON ROPES IN ALL CONDUITS.
2. HORIZONTAL AND VERTICAL SEPARATION BETWEEN CONDUIT SHALL BE MAINTAINED BY INSTALLING HIGH IMPACT SPACERS WITH HORIZONTAL INTERVALS OF EIGHT FEET.
3. ALL MARKER TAPE SHALL CONTAIN #10 TRACER WIRE.
4. REFER TO THE ROCKY MOUNTAIN POWER SIX STATE ESR FOR ADDITIONAL INFORMATION.
5. VERIFY ALL REQUIREMENTS WITH CENTURYLINK AND COMCAST PRIOR TO TRENCHING.



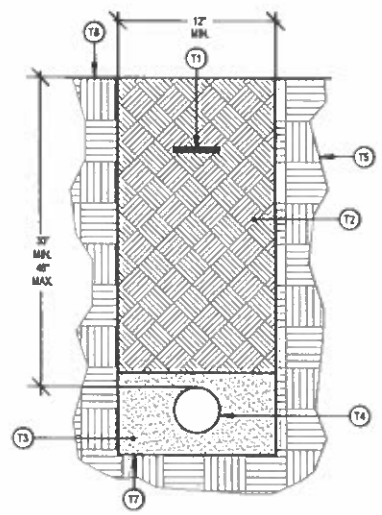
7 TRENCH DETAIL - JOINT USE
SCALE: NONE ROCKY MOUNTAIN POWER / CENTURYLINK / COMCAST (JOINT USE)



6 TRENCH DETAIL
SCALE: NONE CENTURYLINK / COMCAST



5 TRENCH DETAIL
SCALE: NONE ROCKY MOUNTAIN POWER (SECONDARY POWER)



4 TRENCH DETAIL
SCALE: NONE ROCKY MOUNTAIN POWER (PRIMARY POWER)

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No. 284997
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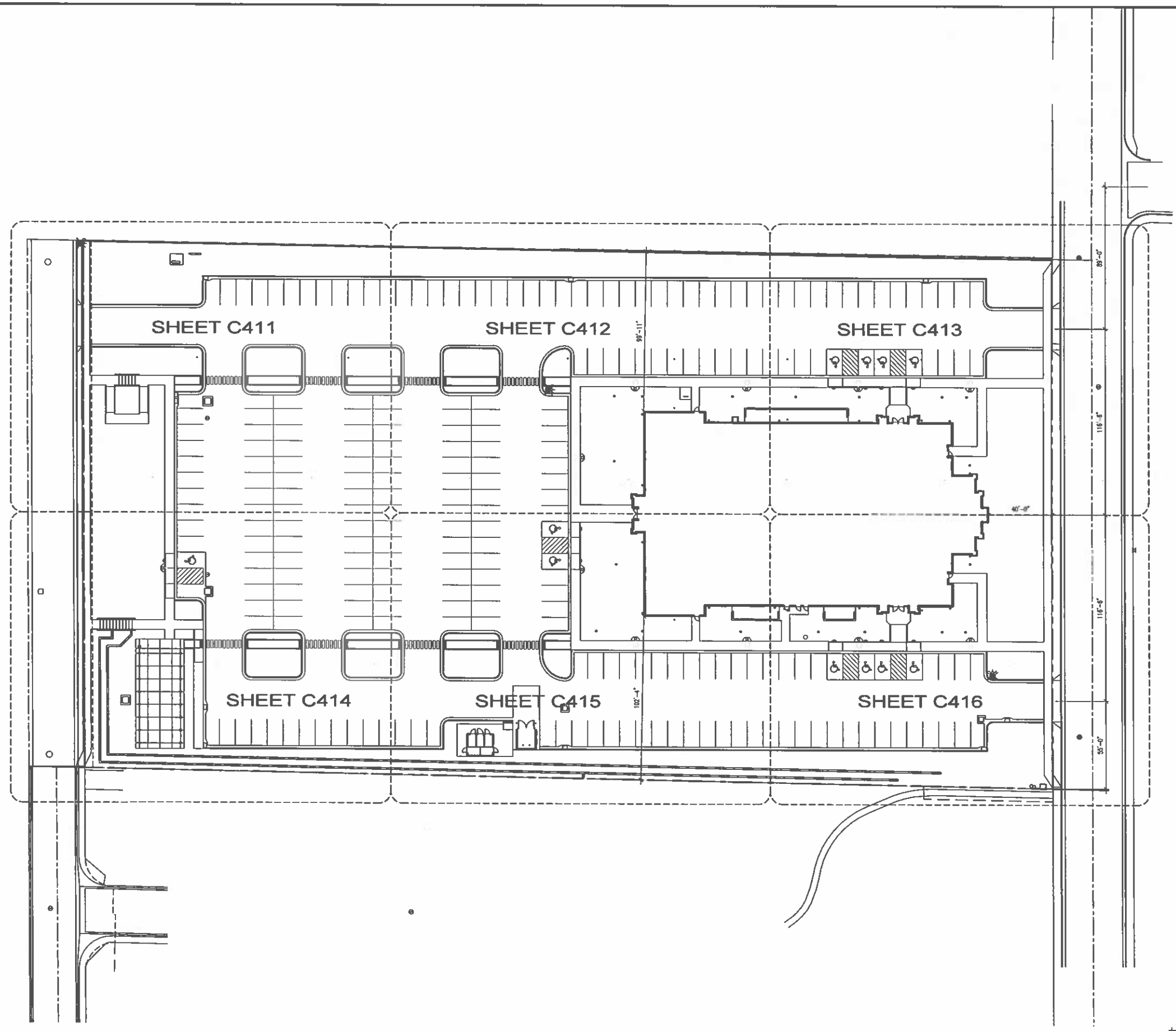
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 18, 2025

Sheet Title
ELECTRICAL SITE PLAN DETAILS

Sheet
C303



ARCHITECTURAL SITE PLAN

SCALE: 1" = 30'-0"

GENERAL NOTES

1. CONCRETE RADII ARE 4'-0" UNLESS NOTED OTHERWISE.
2. COORDINATE ALL SITE WORK WITH ALL OTHER CONTRACT DOCUMENTS.
3. ALL APPLICABLE ELEMENTS OF THE AMERICAN'S WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES WILL BE ADHERED TO.
4. ALL NOTED ITEMS ARE NEW UNLESS NOTED OTHERWISE.
5. ALL CONSTRUCTION IS TO BE DONE PER THE LATEST EDITION OF THE IVINS CITY DESIGN STANDARDS AND PUBLIC IMPROVEMENTS SPECIFICATIONS.

SITE INFORMATION

TOTAL PARCEL AREA: 4.61 ACRES

BUILDING AREAS CHAPEL: 24,076 SF
PAVILION: 1,482 SF
STORAGE BUILDING: 236 SF

PARKING STALLS REQUIRED:
1 STALL FOR 5 FIXED SEATS 300 SEATS IN CHAPEL = 60 STALLS

TOTAL PARKING STALLS PROVIDED:
REGULAR: 250 STALLS
ACCESSIBLE: 6 STALLS
VAN ACCESSIBLE: 2 STALLS
TOTAL SPACES PROVIDED: 258 STALLS

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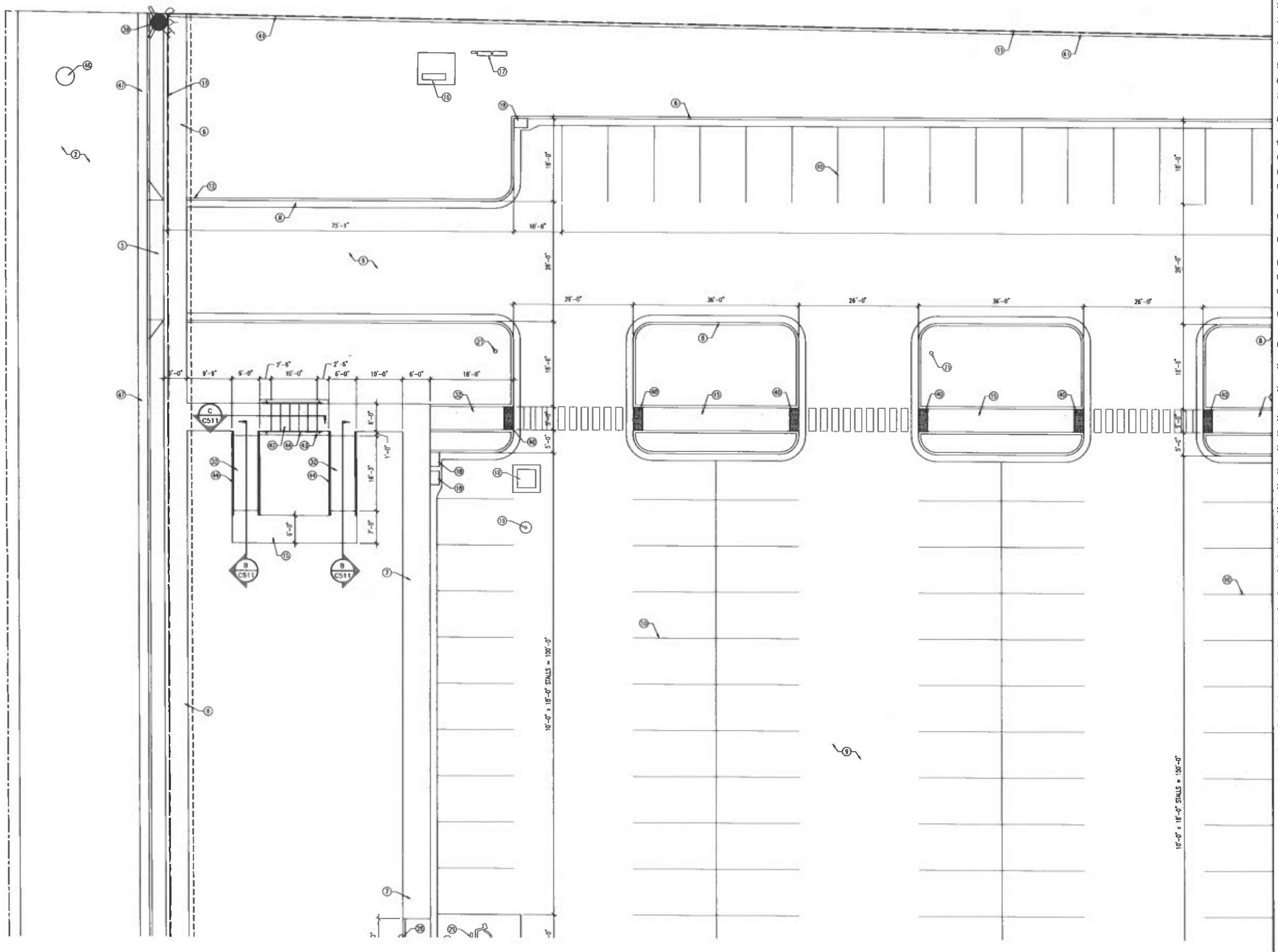
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PAUL ANTHONY EVANS
273770
STATE OF UTAH

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Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 16, 2025
Sheet Title
ARCHITECTURAL SITE PLAN
Sheet
C401



1 ARCHITECTURAL SITE PLAN
SCALE: 1" = 10'-0"

NORTH

KEYED NOTES

1. SAWCUT EXISTING EDGE OF ASPHALT
2. ASPHALT ROAD PER CITY STANDARDS
3. EXISTING ASPHALT PAVING TO REMAIN, PROTECT DURING CONSTRUCTION
4. EXISTING FENCE TO REMAIN, PROTECT DURING CONSTRUCTION
5. DRIVE APPROACH PER CITY STANDARDS
6. CONCRETE WALK PER CITY STANDARDS
7. COMBINATION CONCRETE SIDEWALK-CURB AND GUTTER; SEE B/C501
8. CONCRETE CURB AND GUTTER; SEE C/C501 AND D/C501
9. ASPHALT PAVEMENT; SEE A/C502
10. 4" WIDE PAINTED PARKING STRIPS; TYPICAL
11. PROPERTY LINE
12. TAPER CONCRETE CURB TO SIDEWALK LEVEL AT DRIVE ENTRANCES; TYPICAL BOTH SIDES; SEE C/C501
13. DOWNSPOUT CATCH BASIN; SEE C201 AND A/C503
14. MECHANICAL ENCLOSURE; SEE E/C504 AND F/C504
15. CONCRETE WALK; SEE A/C501
16. TRANSFORMER; SEE ELECTRICAL
17. METER BASE, MAIN BREAKER AND CT CABINET; SEE ELECTRICAL
18. STORM DRAIN CATCH BASIN/BOX; SEE C201 AND C503; PROVIDE 12" CONCRETE COLLAR AROUND ALL BOXES LOCATED IN ASPHALT PARKING LOT
19. INSPECTION PORT; PROVIDE 12" CONCRETE COLLAR
20. STORM DRAIN MYLOPLAST YARD DRAIN WITH DOMED GRATE; SEE C201 AND C503
21. CLEAN OUT TO GRADE, SEE C203 AND K/C502; PROVIDE 12" CONCRETE COLLAR AROUND ALL CLEAN OUTS LOCATED IN ASPHALT PARKING LOT
22. WATER METER; SEE C202
23. CONCRETE PAVEMENT; SEE D/C502
24. DUMPSTER PAD CONCRETE PAVEMENT; SEE C/C504
25. CONCRETE ENTRY; TYPICAL; SEE H/C501
26. MAIN ELECTRICAL PANEL WITH CONCRETE PAD; SEE ELECTRICAL
27. ACCESSIBLE STALL SIGNAGE; SEE B/C502
28. VAN ACCESSIBLE STALL SIGNAGE; SEE B/C502
29. PAINTED ACCESSIBLE SIGN
30. PAINTED ACCESSIBLE AISLE
31. LIGHT POLE WITH CONCRETE APRON; SEE ELECTRICAL
32. CONCRETE ACCESSIBLE RAMP; K/C501
33. BIKE RACK WITH CONCRETE PAD; SEE J/C502
34. STORAGE BUILDING; SEE STORAGE BUILDING DRAWINGS
35. DUMPSTER ENCLOSURE, SEE C/C504
36. BOLLARD; C/C502
37. PAVILION WITH CONCRETE PAD; SEE PAVILION DRAWINGS
38. DRINKING FOUNTAIN; SEE UTILITY PLAN
39. FIRE HYDRANT; SEE UTILITY PLAN
40. TRUNCATED DOME (DETECTABLE WARNING PANEL)
41. 6'-0" HIGH MASONRY FENCE; SEE G/C502; STEP FENCE DOWN TO 3'-0" HIGH WITHIN 30'-0" OF PROPERTY LINE
42. CONCRETE STAIRS; SEE GRADING PLAN AND DETAIL
43. 10" WIDE x 24" DEEP CONCRETE MOW STRIP; SET 2" ABOVE NOSING OF TREAD; PROVIDE RUB FINISH
44. 1 1/2" STAINLESS STEEL HANDRAILS; EACH SIDE
45. KEYSTONE RETAINING WALL; SEE GRADING AND DRAINAGE PLAN
46. SANITARY SEWER MANHOLE; SEE UTILITY PLAN
47. CONCRETE CURB AND GUTTER PER CITY STANDARDS

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phone 801-533-8273 fax 801-533-8273

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PAUL NICHOLAS EVANS
273770
STATE OF UTAH

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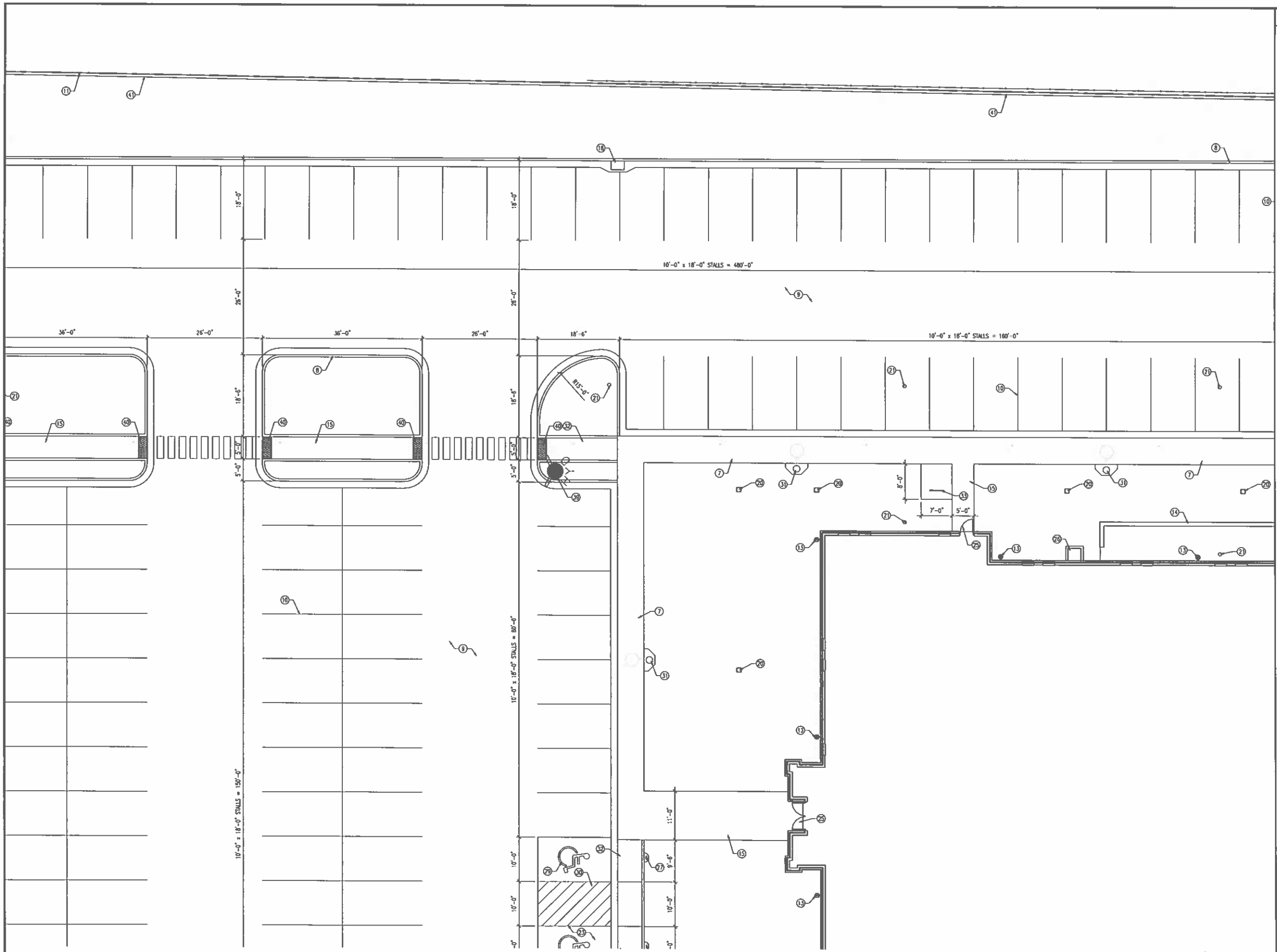
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Heritage 24
Property Number
500-2067-24010101
Date
June 16, 2025

Sheet Title
ENLARGED ARCHITECTURAL SITE PLAN

Sheet
C411



1 ARCHITECTURAL SITE PLAN
SCALE: 1" = 10'-0"

KEYED NOTES

1. SAWCUT EXISTING EDGE OF ASPHALT
2. ASPHALT ROAD PER CITY STANDARDS
3. EXISTING ASPHALT PAVING TO REMAIN; PROTECT DURING CONSTRUCTION
4. EXISTING FENCE TO REMAIN; PROTECT DURING CONSTRUCTION
5. DRIVE APPROACH PER CITY STANDARDS
6. CONCRETE WALK PER CITY STANDARDS
7. COMBINATION CONCRETE SIDEWALK-CURB AND GUTTER; SEE B/C501
8. CONCRETE CURB AND GUTTER; SEE C/C501 AND D/C501
9. ASPHALT PAVEMENT; SEE A/C502
10. 4" WIDE PAINTED PARKING STRIPS; TYPICAL
11. PROPERTY LINE
12. TAPER CONCRETE CURB TO SIDEWALK LEVEL AT DRIVE ENTRANCES; TYPICAL BOTH SIDES; SEE G/C501
13. DOWNSPOUT CATCH BASIN; SEE C201 AND A/C503
14. MECHANICAL ENCLOSURE; SEE E/C504 AND F/C504
15. CONCRETE WALK; SEE A/C501
16. TRANSFORMER; SEE ELECTRICAL
17. METER BASE, MAIN BREAKER AND CT CABINET; SEE ELECTRICAL
18. STORM DRAIN CATCH BASIN/BOX; SEE C201 AND C503; PROVIDE 12" CONCRETE COLLAR AROUND ALL BOXES LOCATED IN ASPHALT PARKING LOT
19. INSPECTION PORT; PROVIDE 12" CONCRETE COLLAR
20. STORM DRAIN NYLOPLAST YARD DRAIN WITH DOMED GRATE; SEE C201 AND C503
21. CLEAN OUT TO GRADE; SEE C203 AND K/C502; PROVIDE 12" CONCRETE COLLAR AROUND ALL CLEAN OUTS LOCATED IN ASPHALT PARKING LOT
22. WATER METER; SEE C202
23. CONCRETE PAVEMENT; SEE O/C502
24. DUMPSTER PAD CONCRETE PAVEMENT; SEE G/C504
25. CONCRETE ENTRY; TYPICAL; SEE H/C501
26. MAIN ELECTRICAL PANEL WITH CONCRETE PAD; SEE ELECTRICAL
27. ACCESSIBLE STALL SIGNAGE; SEE B/C502
28. VAN ACCESSIBLE STALL SIGNAGE; SEE B/C502
29. PAINTED ACCESSIBLE SIGN
30. PAINTED ACCESSIBLE AISLE
31. LIGHT POLE WITH CONCRETE APRON; SEE ELECTRICAL
32. CONCRETE ACCESSIBLE RAMP; K/C501
33. BIKE RACK WITH CONCRETE PAD; SEE J/C502
34. STORAGE BUILDING; SEE STORAGE BUILDING DRAWINGS
35. DUMPSTER ENCLOSURE; SEE C/C504
36. BOLLARD; C/C502
37. PAVILION WITH CONCRETE PAD; SEE PAVILION DRAWINGS
38. DRINKING FOUNTAIN; SEE UTILITY PLAN
39. FIRE HYDRANT; SEE UTILITY PLAN
40. TRUNCATED DOME (DETECTABLE WARNING PANEL)
41. 6'-0" HIGH MASONRY FENCE; SEE G/C502; STEP FENCE DOWN TO 3'-0" HIGH WITHIN 30'-0" OF PROPERTY LINE
42. CONCRETE STAIRS; SEE GRADING PLAN AND DETAIL
43. 10" WIDE x 24" DEEP CONCRETE MOW STRIP; SET 2" ABOVE MOSING OF TREAD; PROVIDE RUB FINISH
44. 1 1/2" STAINLESS STEEL HANDRAILS; EACH SIDE
45. KEYSTONE RETAINING WALL; SEE GRADING AND DRAINAGE PLAN
46. SANITARY SEWER MANHOLE; SEE UTILITY PLAN
47. CONCRETE CURB AND GUTTER PER CITY STANDARDS

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Stamp

LICENSED ARCHITECT
PAUL ANTHONY EVANS
273770
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

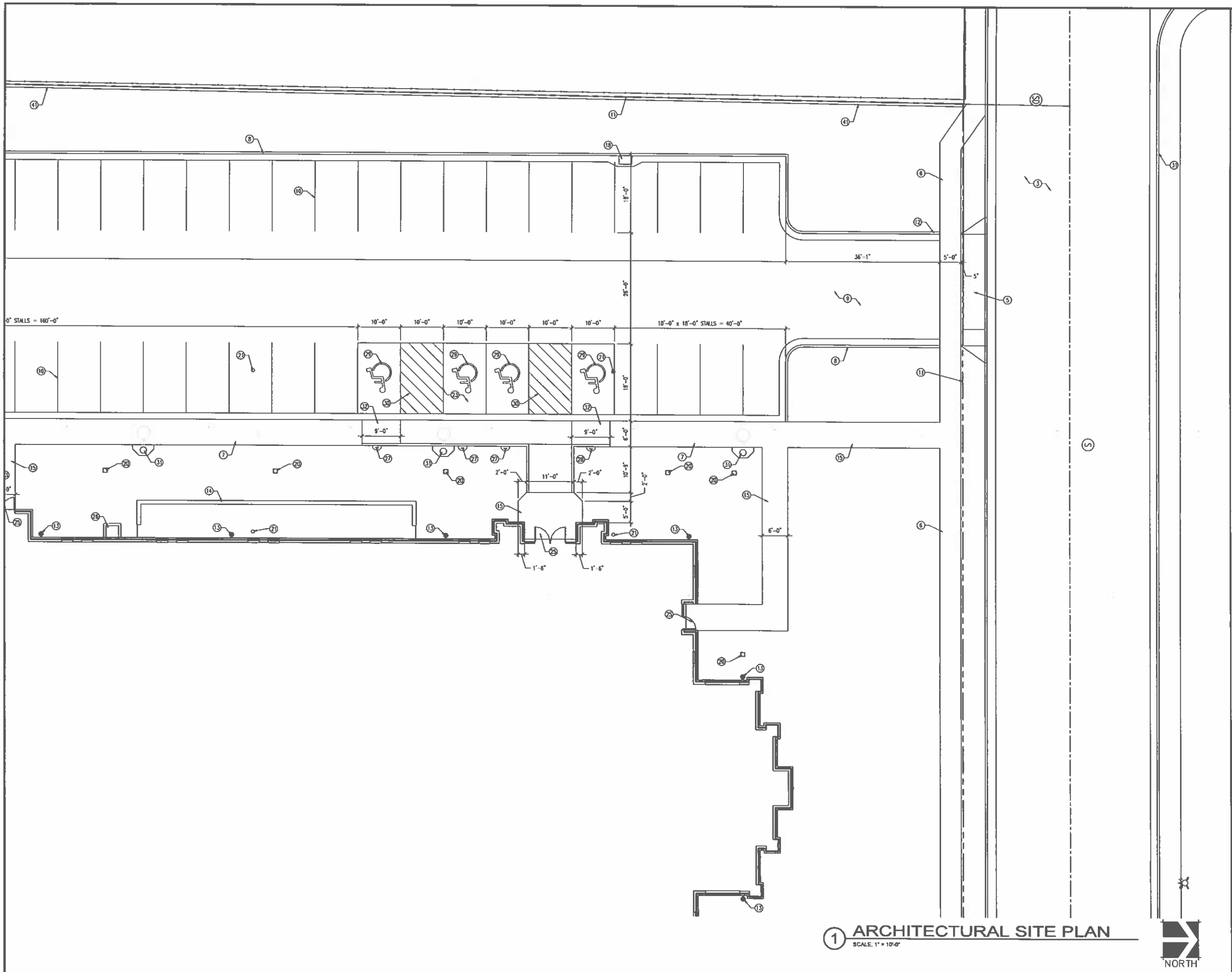
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 18, 2025

Sheet Title
ENLARGED ARCHITECTURAL SITE PLAN

Sheet
C412



1 ARCHITECTURAL SITE PLAN
SCALE: 1" = 10'-0"

NORTH

KEYED NOTES

1. SAWCUT EXISTING EDGE OF ASPHALT
2. ASPHALT ROAD PER CITY STANDARDS
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8. CONCRETE CURB AND GUTTER; SEE C/C501 AND D/C501
9. ASPHALT PAVEMENT; SEE A/C502
10. 4" WIDE PAINTED PARKING STRIPS; TYPICAL
11. PROPERTY LINE
12. TAPER CONCRETE CURB TO SIDEWALK LEVEL AT DRIVE ENTRANCES; TYPICAL BOTH SIDES; SEE G/C501
13. DOWNSPOUT CATCH BASIN; SEE C201 AND A/C503
14. MECHANICAL ENCLOSURE; SEE E/C504 AND F/C504
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21. CLEAN OUT TO GRADE; SEE C203 AND K/C502; PROVIDE 12" CONCRETE COLLAR AROUND ALL CLEAN OUTS LOCATED IN ASPHALT PARKING LOT
22. WATER METER; SEE C202
23. CONCRETE PAVEMENT; SEE D/C502
24. DUMPSTER PAD CONCRETE PAVEMENT; SEE C/C504
25. CONCRETE ENTRY; TYPICAL; SEE H/C501
26. MAIN ELECTRICAL PANEL WITH CONCRETE PAD, SEE ELECTRICAL
27. ACCESSIBLE STALL SIGNAGE; SEE B/C502
28. VAN ACCESSIBLE STALL SIGNAGE; SEE B/C502
29. PAINTED ACCESSIBLE SIGN
30. PAINTED ACCESSIBLE AISLE
31. LIGHT POLE WITH CONCRETE APRON; SEE ELECTRICAL
32. CONCRETE ACCESSIBLE RAMP; K/C501
33. BIKE RACK WITH CONCRETE PAD; SEE J/C502
34. STORAGE BUILDING; SEE STORAGE BUILDING DRAWINGS
35. DUMPSTER ENCLOSURE, SEE C/C504
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Stamp

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STATE OF UTAH

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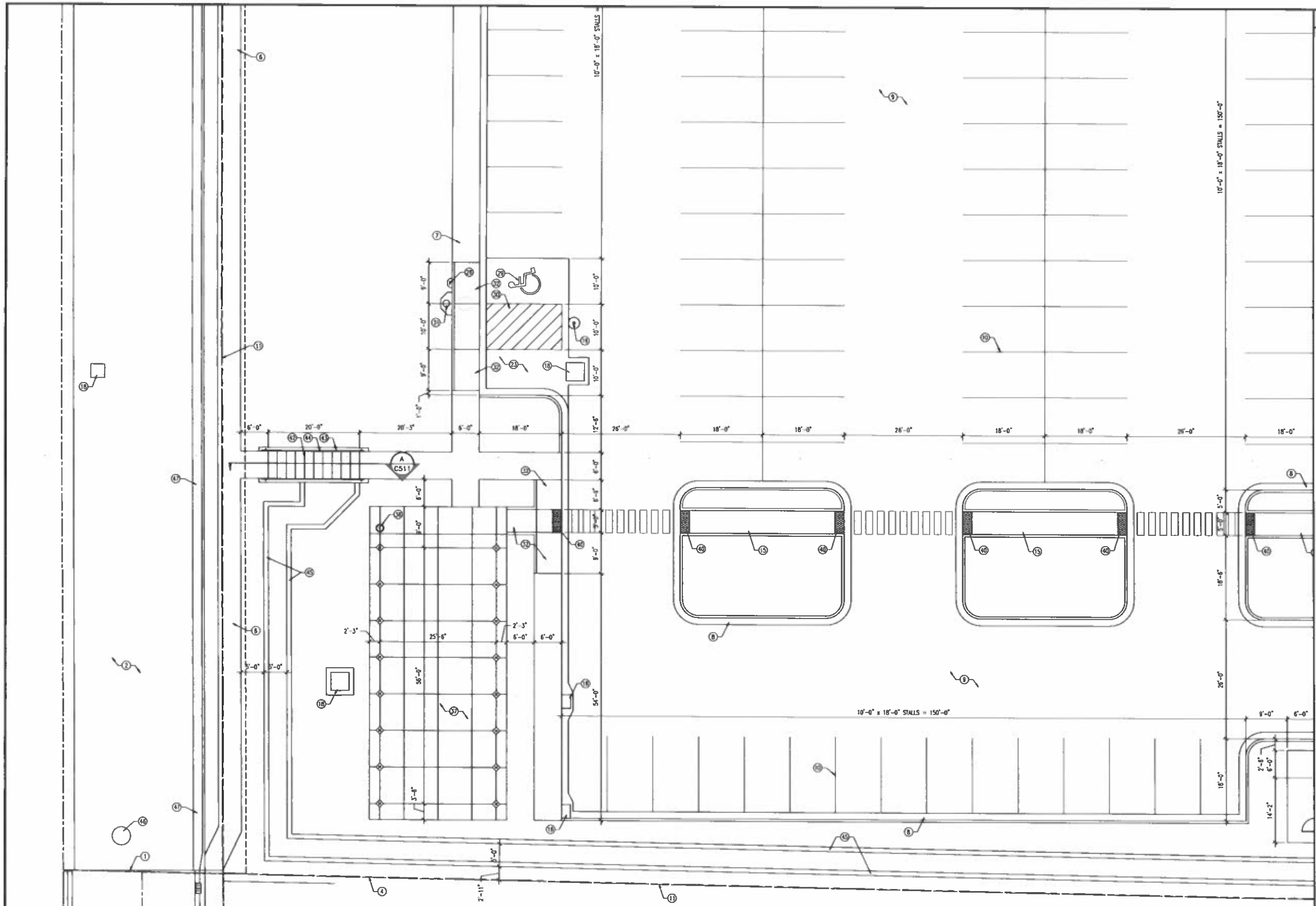
Project for:
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1 ARCHITECTURAL SITE PLAN
SCALE: 1" = 10'-0"

NORTH

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Stamp

LICENSED ARCHITECT
PAUL NICHOLAS EVANS
273770
STATE OF UTAH

A New Meetinghouse for:
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Approximately 300 East 200 South
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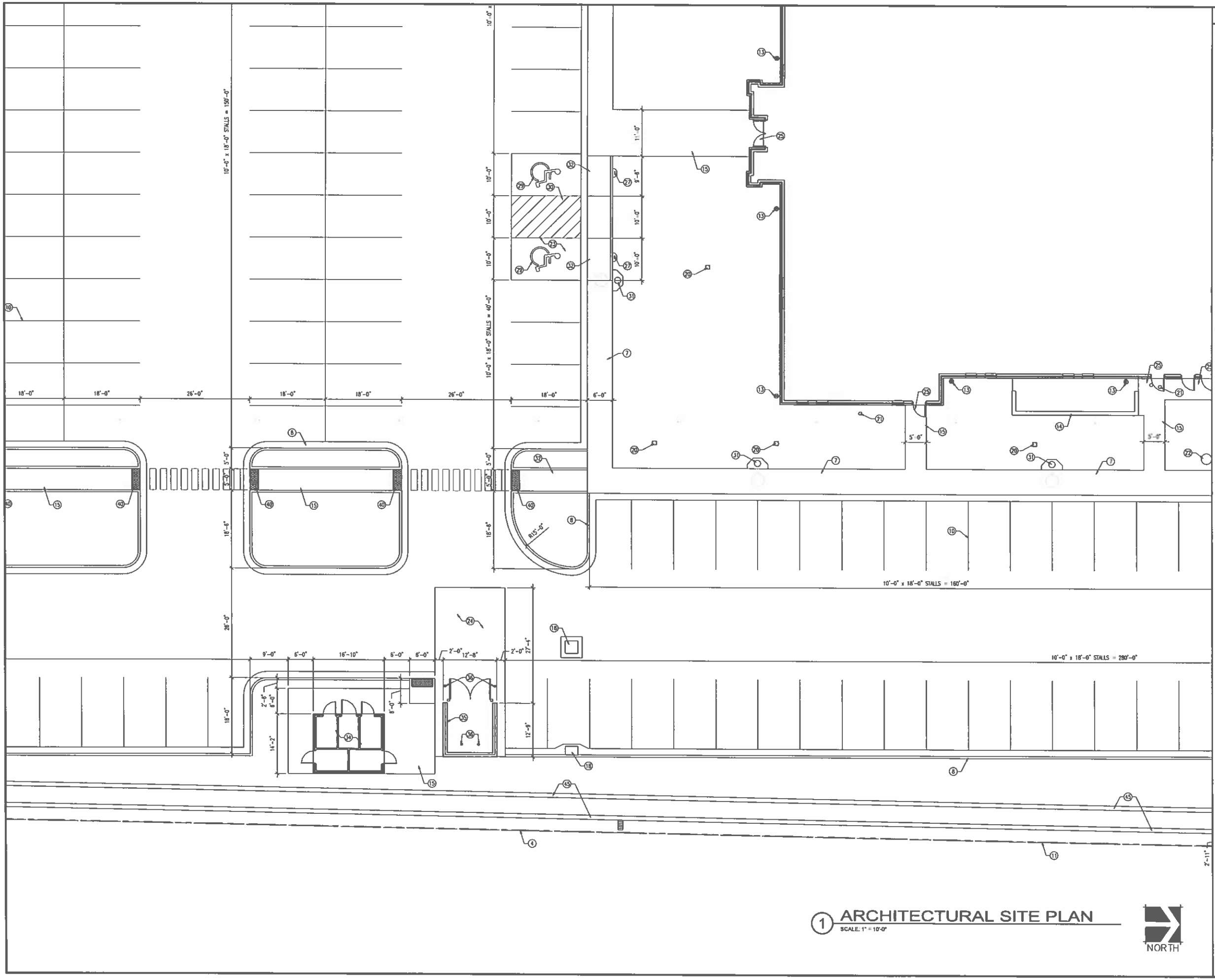
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1 ARCHITECTURAL SITE PLAN

SCALE: 1" = 10'-0"

NORTH

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Stamp

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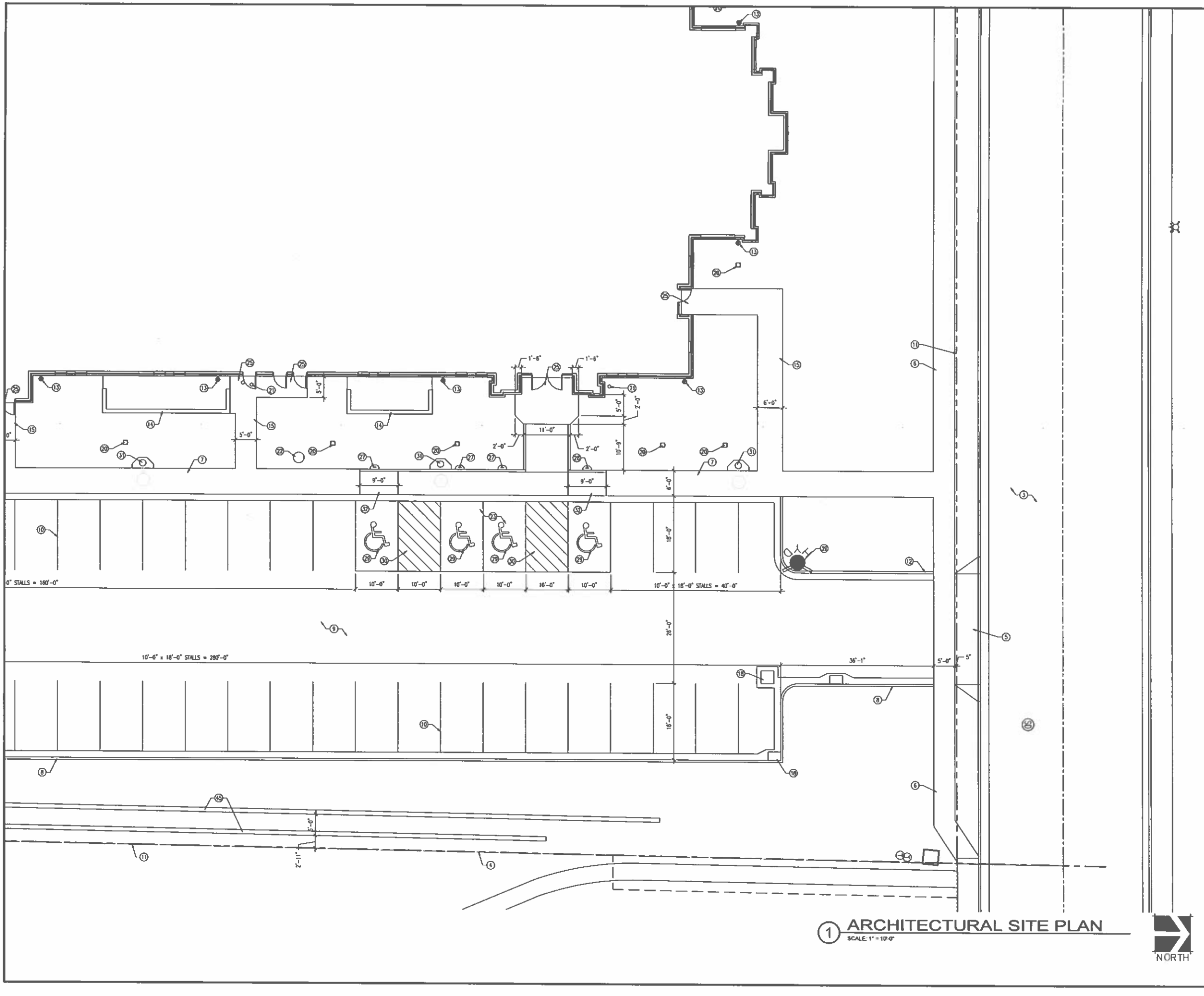
Plan Series
Heritage 24

Property Number
500-2067-24010101

Date
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Sheet Title
ENLARGED ARCHITECTURAL SITE PLAN

Sheet
C415



1 ARCHITECTURAL SITE PLAN
SCALE: 1" = 10'-0"

KEYED NOTES

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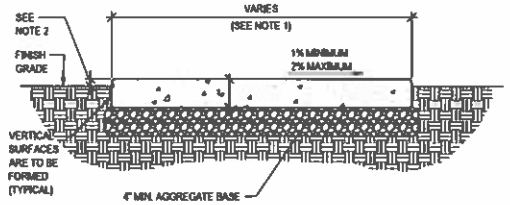
Project for:
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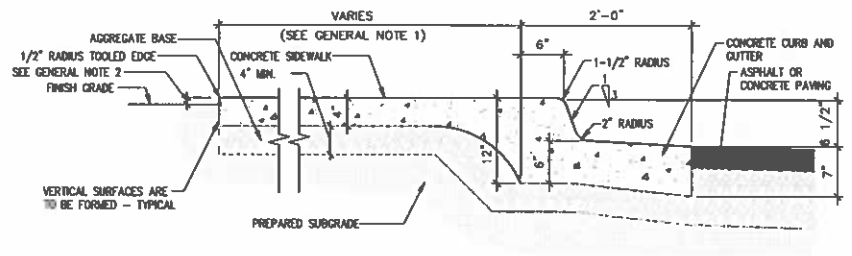
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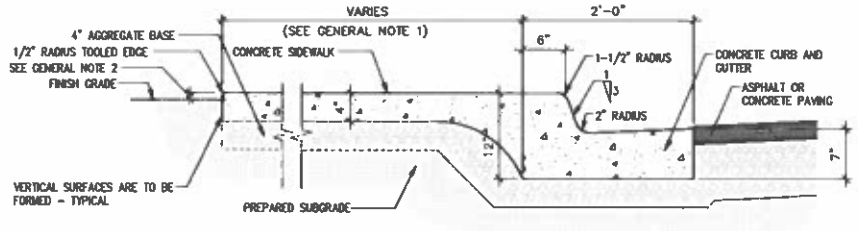
Sheet
C416



A SIDEWALK DETAIL
SCALE: N.T.S.

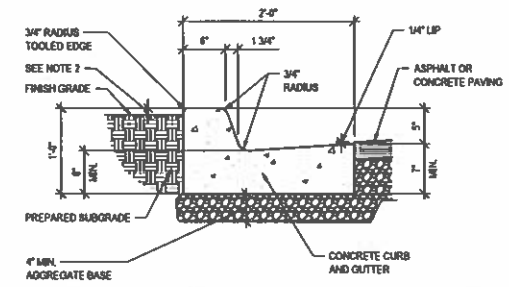


ON SITE WHEN WATER DRAINS AWAY FROM CURB



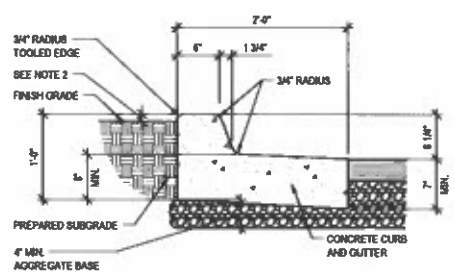
ON SITE WHEN WATER DRAINS TOWARD CURB

B INTEGRAL SIDEWALK, CURB AND GUTTER
SCALE: N.T.S.



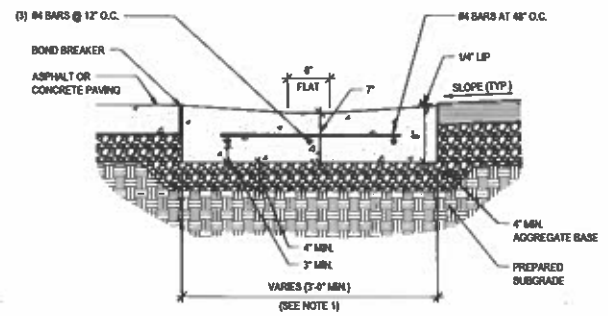
FOR USE WHERE WATER DRAINS TOWARD CURB

C CURB AND GUTTER - IN FLOW
SCALE: N.T.S.

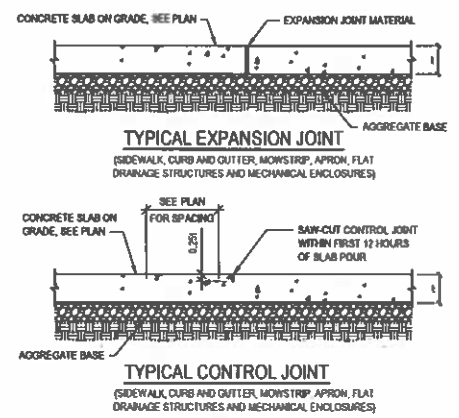


FOR USE WHERE WATER DRAINS AWAY FROM CURB

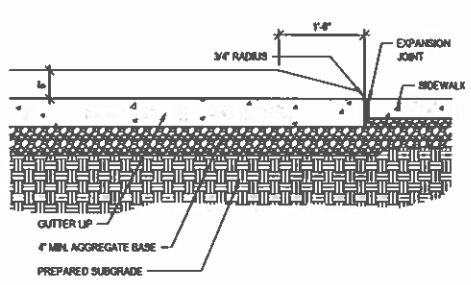
D CURB AND GUTTER - OUT FLOW
SCALE: N.T.S.

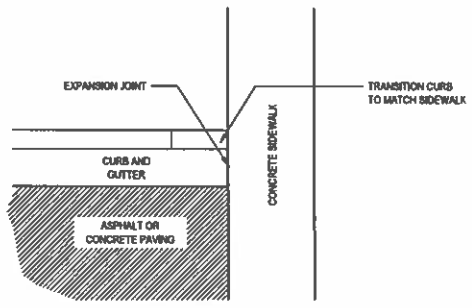


E CONCRETE WATERWAY - FLAT DRAINAGE STRUCTURE
SCALE: N.T.S.

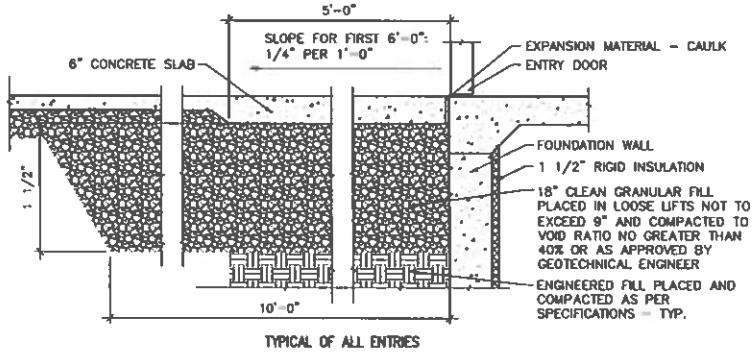


F EXPANSION AND CONTROL JOINT
SCALE: N.T.S.



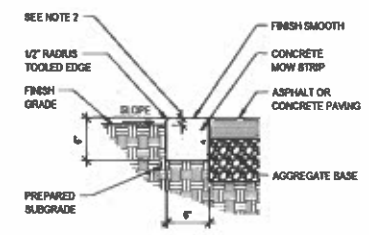


G CURB TRANSITION
SCALE: N.T.S.

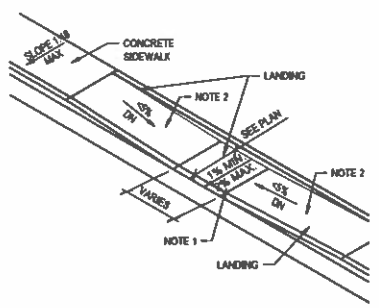


TYPICAL OF ALL ENTRIES

H ENTRY DETAIL
SCALE: N.T.S.



J MOW STRIP
SCALE: N.T.S.



NOTES:
1. UNLESS REQUIRED OTHERWISE BY THE AUTHORITY HAVING JURISDICTION, USE A LIGHT BROOM FINISH ON RAMPS AND LANDINGS TO MATCH THE FINISHES ON THE SIDEWALKS.
2. 5% (MAXIMUM) IN DIRECTION OF TRAVEL. LIMIT CROSS SLOPE ON SIDEWALKS 2%.
3. ALL LANDINGS MUST HAVE 1:48 CROSS SLOPE AND RUNNING SLOPE. LANDING MUST BE AS WIDE AS THE RAMP.
4. CROSS SLOPE ON RAMP MUST BE 1:48 OR LESS.
5. COUNTER SLOPES OF ADJOINING GUTTERS AND PAVING ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (5%), ALTHOUGH CODE ALLOWS A 1V/12H (8.33%) SLOPE.

K ACCESSIBLE SLOPED WALK DETAILS
SCALE: N.T.S.

GENERAL NOTES

1. SEE SITE PLAN FOR APRON, MOW STRIP AND SIDEWALK LOCATIONS AND WIDTHS.
2. 1" PRIOR TO SEEDING, 2" PRIOR TO SODDING AND 4" IN PLANTING AREAS.
3. EXPANSION JOINT MATERIAL SHALL BE RECESSED 1/4" WHERE SEALANT IS NOT APPLIED, AND 1/2" WHERE SEALANT IS APPLIED.
4. EXTERIOR CONCRETE USE 4,500 PSI MIN. IF EXPOSED TO FREEZE-THAW CYCLES AND/OR DE-ICER SALTS. USE 3,000 PSI MIN. OTHERWISE EXCEPT USE 4000 PSI AT CONCRETE PAVING.
5. CONTRACTOR TO INSTALL EXPANSION AND CONTROL JOINTS AS REQUIRED PER THE SPECIFICATIONS.
6. ALL AGGREGATES SHALL SATISFY ASTM AND DEPARTMENT OF TRANSPORTATION STRENGTH AND DURABILITY REQUIREMENTS. GRANITE AGGREGATES ARE PREFERRED BUT HIGH QUALITY LIMESTONE AGGREGATES ARE ACCEPTABLE. SEE SPECIFICATION.
7. ALL REINFORCING BARS ARE TO BE EPOXY COATED, IN CONCRETE CURBS, GUTTERS, SIDEWALKS, PAVING, BASINS.

evans + associates architecture
1176 West 2300 South, Suite 100A, Salt Lake City, Utah 84119
phone 801-533-8272 fax 801-533-8272

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LICENSED ARCHITECT PAUL HANSON EVANS 273770 STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

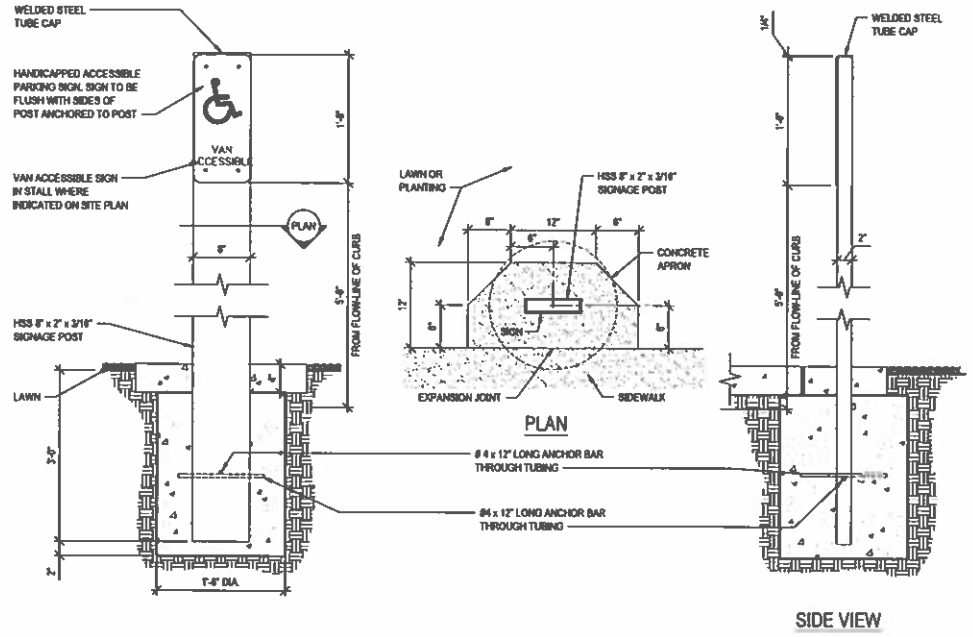
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-240
Date
June 16, 2025

Sheet Title
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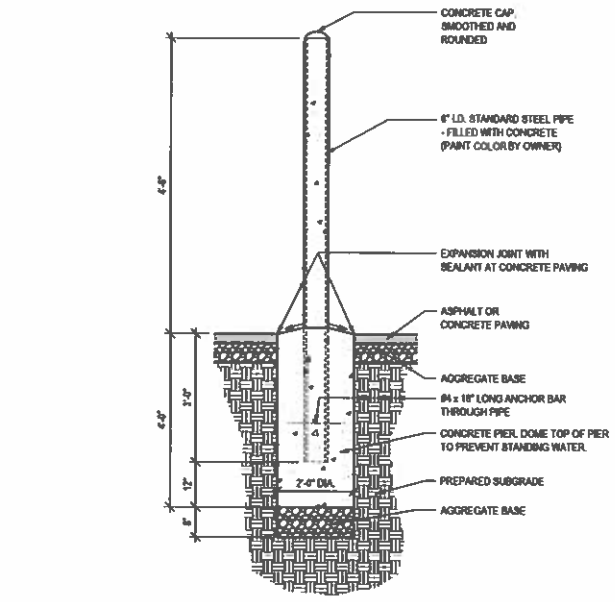
Sheet
C501



B ACCESSIBLE STALL SIGN (TRAFFIC SIGNAGE)

SCALE: N.T.S.

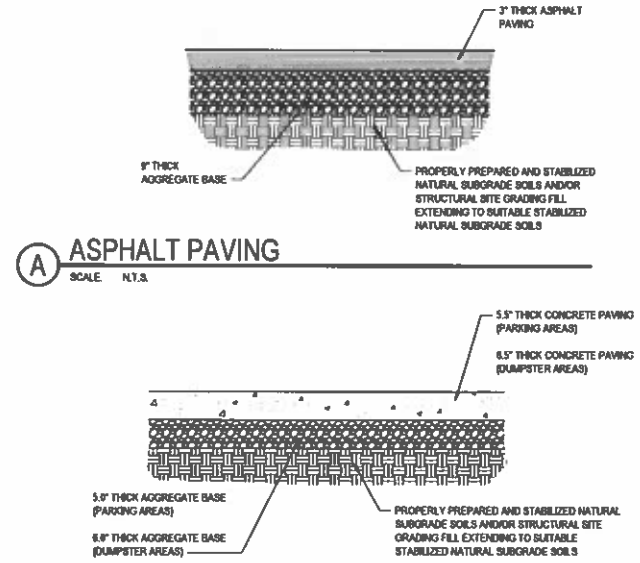
STEEL PER DIVISION 05
INSTALL PER DIVISION 03



C CONCRETE BOLLARD

SCALE: N.T.S.

STEEL PER DIVISION 05
INSTALL PER DIVISION 03



A ASPHALT PAVING

SCALE: N.T.S.

D CONCRETE PAVING

SCALE: N.T.S.

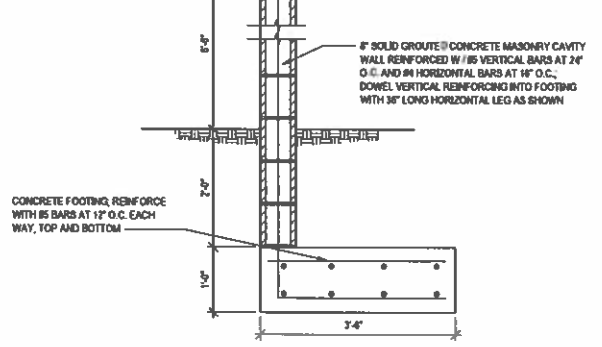
E CONCRETE PAVING JOINT DETAILS

SCALE: N.T.S.



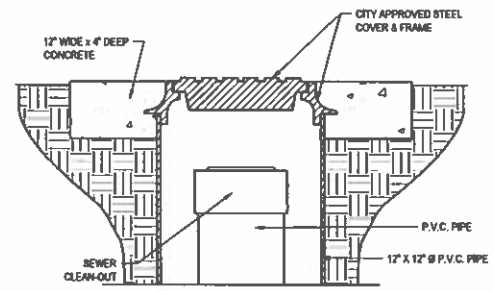
JOINT BETWEEN ASPHALT AND CONCRETE PAVING

F SCALE: N.T.S.



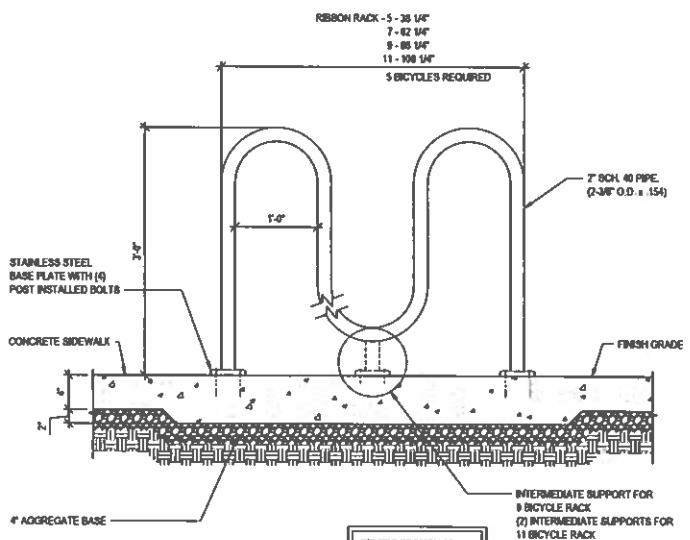
G MASONRY WALL FENCE

SCALE: N.T.S.



H SEWER CLEAN-OUT

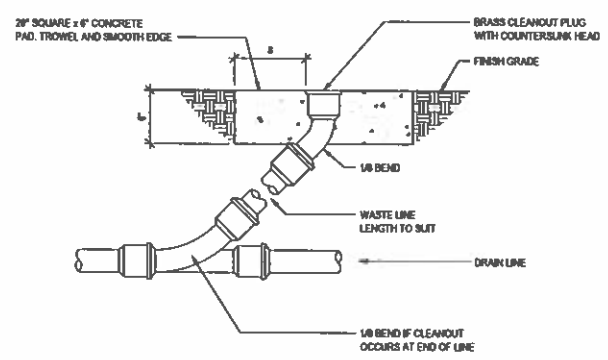
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J BICYCLE RACK DETAIL

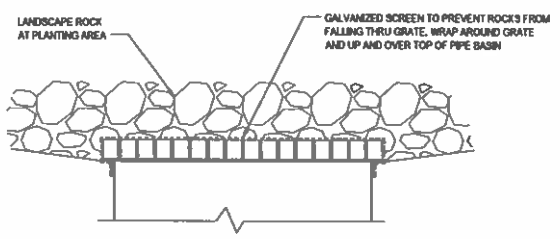
SCALE: N.T.S.

BID PER DIVISION 05
INSTALL PER DIVISION 03



K CLEAN-OUT

SCALE: N.T.S.



L AREA DRAIN SCREEN AT ROCK MULCH

SCALE: N.T.S. NOTE: (DIAMETER OF BASIN DETERMINED BY NUMBER OF PIPES IN AND OUT)

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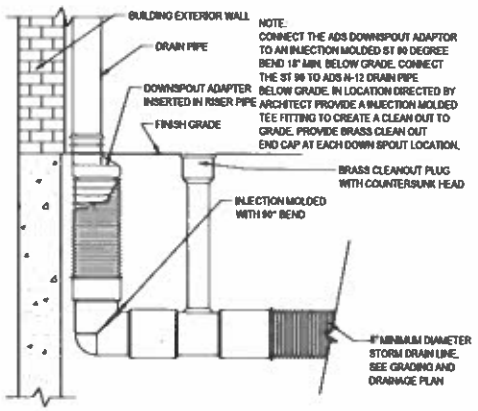
Project for:
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Revisions	Mark	Date	Description

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25-19
Plan Series
Heritage 24
Property Number
500-2067-24010101
Date
June 16, 2025

Sheet Title
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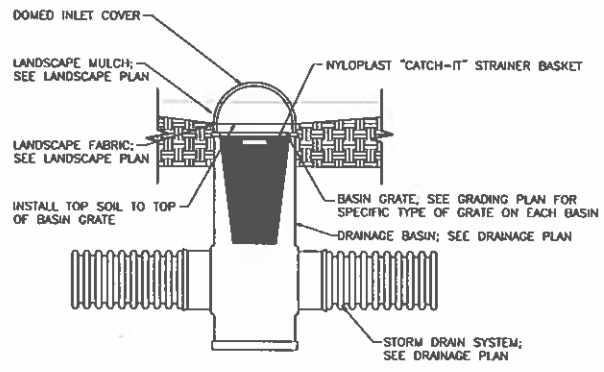
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A ROOF DRAIN CONNECTION

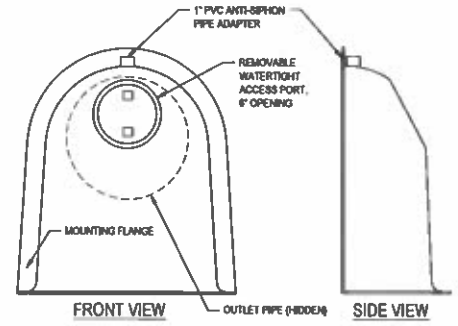
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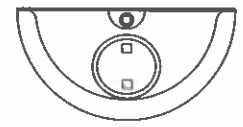
CONNECT TO LAWN DRAIN



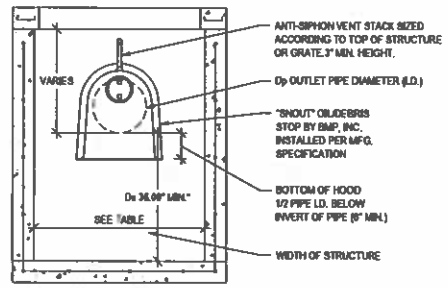
B AREA NYLOPLAST DRAIN BOX

SCALE: N.T.S.





PLAN VIEW



SNOUT CONFIGURATION

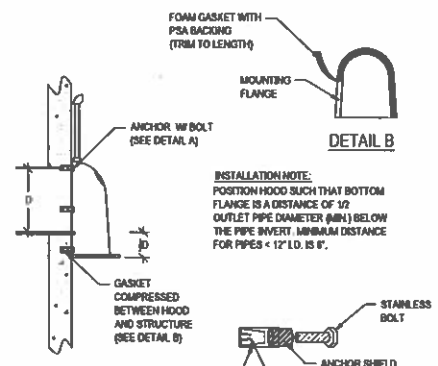
SIZING EXAMPLES:

OUTLET HOLE SIZE	SNOUT SIZE	STRUCTURE SIZE
11.9" O.D. OR LESS	12 F or R	R FITS 36"-48" DIAM STRUCTURE
12.0"-17.9" O.D.	18 F or R	R FITS 48"-60" DIAM STRUCTURE
18.0"-23.9" O.D.	24 F or R	R FITS 48"-60" DIAM STRUCTURE
24.0"-29.9" O.D.	30 F or R	R FITS 66"-72" DIAM STRUCTURE
30.0"-47.9" O.D.	48 F	
30.0"-53.9" O.D.	54R/72	FITS 72" DIAM STRUCTURE ONLY
48.0"-95.9" O.D.	96 F	

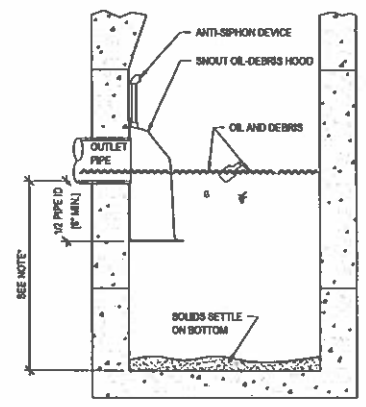
NOTE: USE ONLY "F" SERIES SNOUTS FOR RECTANGULAR OR SQUARE STRUCTURES, AVAILABLE IN 12", 18", 24", 30", 48", AND 96" SIZES. USE ONLY "R" SERIES SNOUTS FOR ROUND STRUCTURES, AVAILABLE IN 12", 18", 24", 30", AND 54" SIZES.

SPECIFICATIONS:

1. ALL HOODS AND TRAPS FOR CATCH BASINS AND WATER QUALITY STRUCTURES SHALL BE AS MANUFACTURED BY
   BEST MANAGEMENT PRODUCTS, INC.
   53 MT. ARCHER RD.
   LYME, CT 06371
   (860) 434-8277, (860) 434-3195 FAX
   TOLL FREE: (800) 504-8008 OR (888) 354-7585
   WEB SITE: www.bmpinc.com
   OR PRE-APPROVED EQUAL
2. ALL HOODS SHALL BE CONSTRUCTED OF A GLASS REINFORCED RESIN COMPOSITE WITH ISO GEL COAT EXTERIOR FINISH WITH A MINIMUM 0.125" LAMINATE THICKNESS.
3. ALL HOODS SHALL BE EQUIPPED WITH A WATERTIGHT ACCESS PORT, A MOUNTING FLANGE, AND AN ANTI-SIPHON VENT AS DRAWN. (SEE CONFIGURATION DETAIL)
4. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AS PER MANUFACTURER'S RECOMMENDATION.
5. THE BOTTOM OF THE HOOD SHALL EXTEND DOWNWARD A DISTANCE EQUAL TO 1/2 THE OUTLET PIPE DIAMETER WITH A MINIMUM DISTANCE OF 6" FOR PIPES <12" I.D.
6. THE ANTI-SIPHON VENT SHALL EXTEND ABOVE HOOD BY MINIMUM OF 3" AND A MAXIMUM OF 24" ACCORDING TO STRUCTURE CONFIGURATION.
7. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED
   SMOOTH AND FREE OF LOOSE MATERIAL.
8. THE HOOD SHALL BE SECURELY ATTACHED TO STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS SUPPLIED BY MANUFACTURER. (SEE INSTALLATION DETAIL)
9. INSTALLATION INSTRUCTIONS SHALL BE FURNISHED WITH MANUFACTURER SUPPLIED INSTALLATION KIT.
   INSTALLATION KIT SHALL INCLUDE.
   A. INSTALLATION INSTRUCTIONS
   B. PVC ANTI-SIPHON VENT PIPE AND ADAPTER
   C. OIL-RESISTANT CRUSHED CELL FOAM GASKET WITH PSA BACKING
   D. 3/8" STAINLESS STEEL BOLTS
   E. ANCHOR SHIELDS



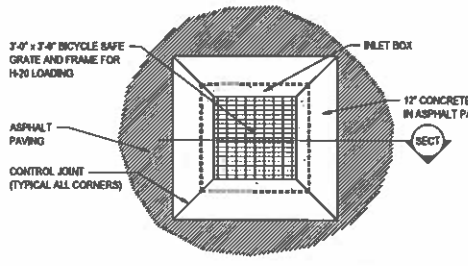
INSTALLATION NOTE:
POSITION HOOD SUCH THAT BOTTOM FLANGE IS A DISTANCE OF 1/2 OUTLET PIPE DIAMETER (MIN.) BELOW THE PIPE INVERT. MINIMUM DISTANCE FOR PIPES < 12" I.D. IS 6".



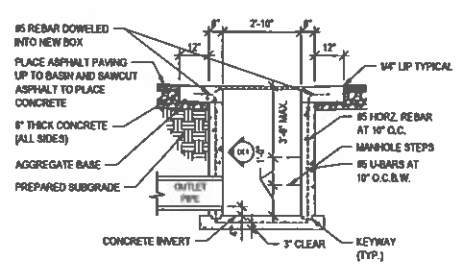
NOTE:
SUMP DEPTH OF 36" MIN. FOR < OR= 12" DIA. OUTLET.
FOR OUTLETS >OR= 15", DEPTH = 2.5 TO 3 X's DIAM.

US Patent # 6126817

HOOD SPECIFICATION FOR CATCH BASINS AND WATER QUALITY STRUCTURES		
DESCRIPTION	DATE	SCALE
OIL-DEBRIS HOOD SPECIFICATION AND INSTALLATION (TYPICAL)	09/06/00	NONE
	DRAWING NUMBER	SP-SN



PLAN



SECTION

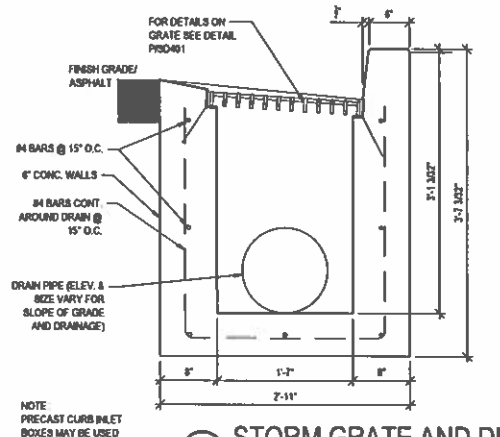
NOTES:
1. GRATE AND FRAMES SHALL BE HOT-DIPPED GALVANIZED.
2. DOWEL LAPS SHALL BE 24".
3. COAT ALL METAL PARTS WITH ASPHALTUM PAINT.

C INLET BOX IN ASPHALT WITH 12" CONCRETE COLLAR

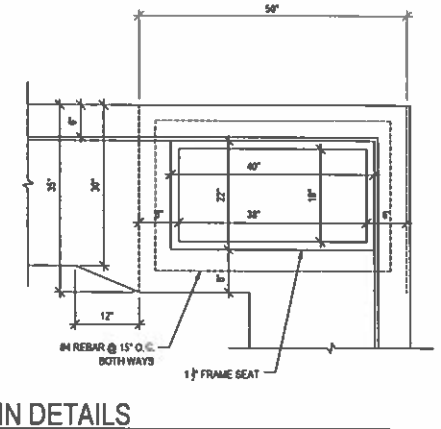
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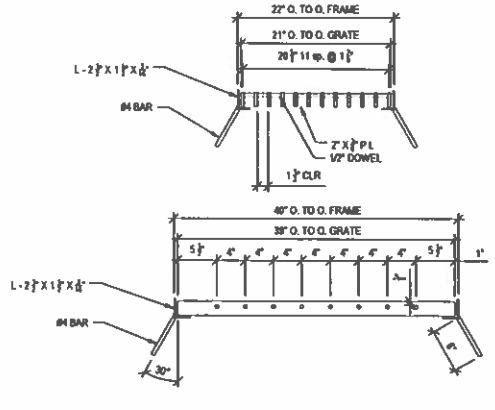
D SNOUT OIL-WATER DEBRIS SEPARATOR

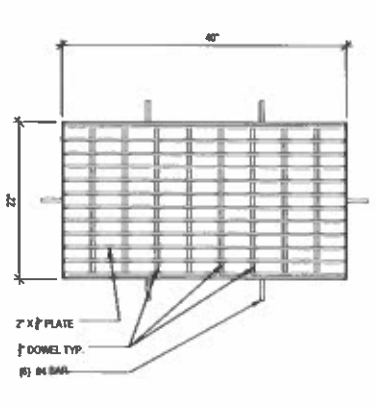
SCALE: N.T.S.



NOTE
PRECAST CURB INLET BOXES MAY BE USED INSTEAD OF CAST IN PLACE







E STORM GRATE AND DRAIN DETAILS

SCALE: N.T.S.

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(435) 753-4273
1476 West Center Street, Suite 103A, Lehi, Utah 84043

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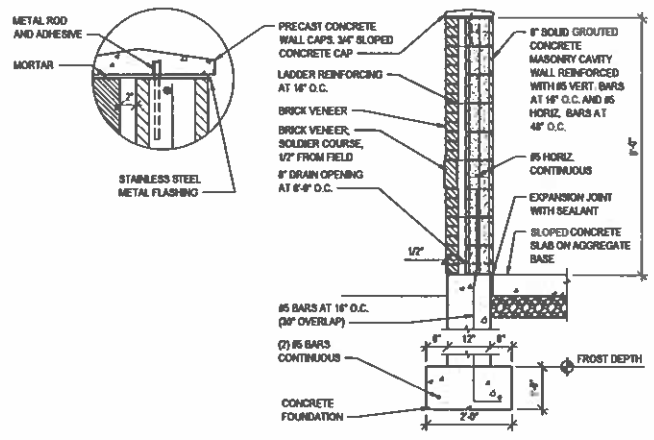
Project for:
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Revisions			
Mark	Date	Description	

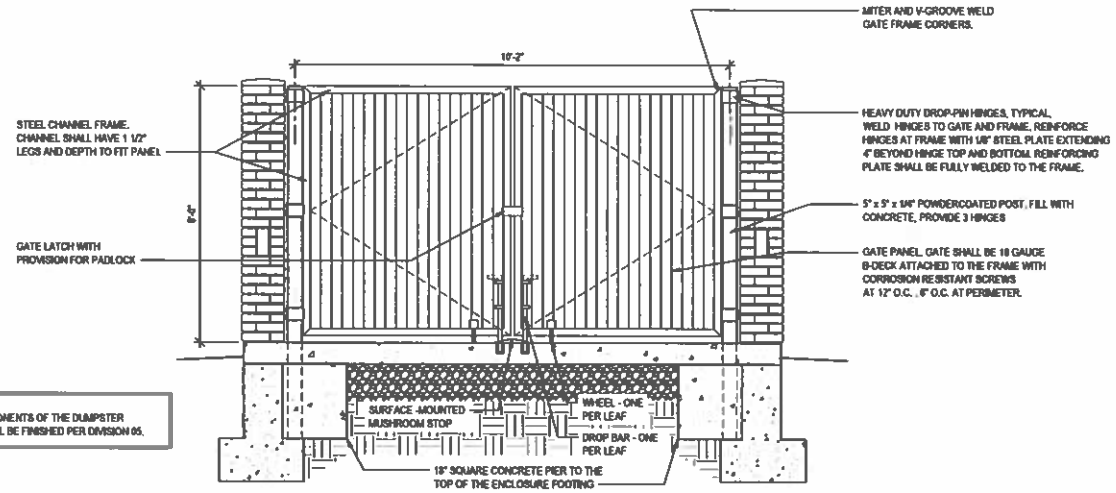
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Plan Series: Heritage 24
Property Number: 500-2087-24010101
Date: June 18, 2025

Sheet Title: SITE DETAILS

Sheet: C503

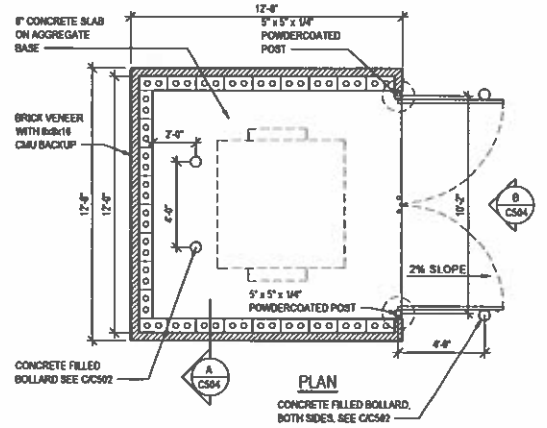


A MASONRY WALL DUMPSTER ENCLOSURE
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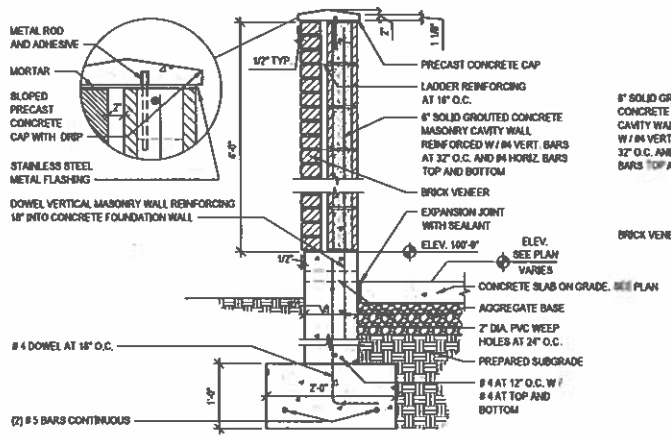


NOTES
1. ALL STEEL COMPONENTS OF THE DUMPSTER ENCLOSURE SHALL BE FINISHED PER DIVISION 05.

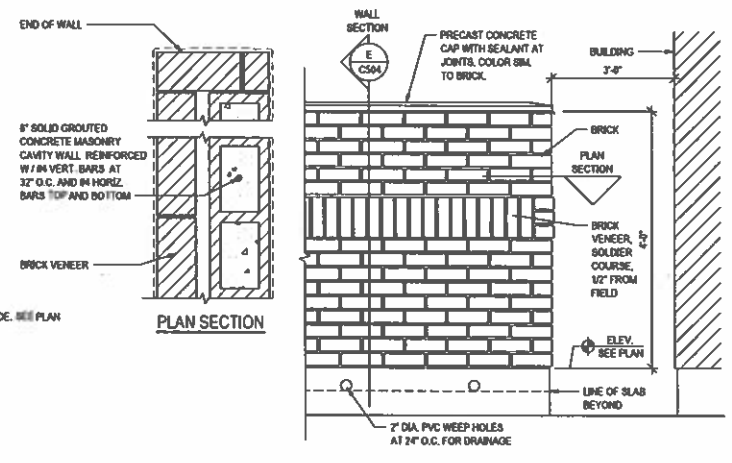
B MASONRY WALL DUMPSTER GATE
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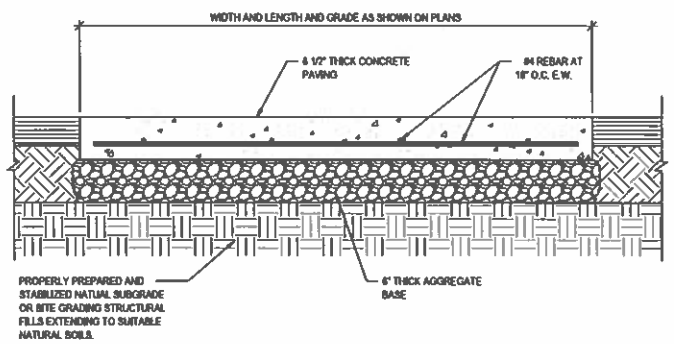
C MASONRY WALL DUMPSTER ENCLOSURE
SCALE: N.T.S.



E MASONRY WALL MECHANICAL ENCLOSURE
SCALE: N.T.S.



F MASONRY WALL MECH. ENCLOSURE ELEV.
SCALE: N.T.S.



G DUMPSTER PAD SECTION
SCALE: N.T.S.

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3319 w. 4700 s. suite 103s, d'lan, utah 84129
phone 801-553-4373 fax 801-553-4373

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LICENSED ARCHITECT PAUL NEWTON EVANS 273770 STATE OF UTAH

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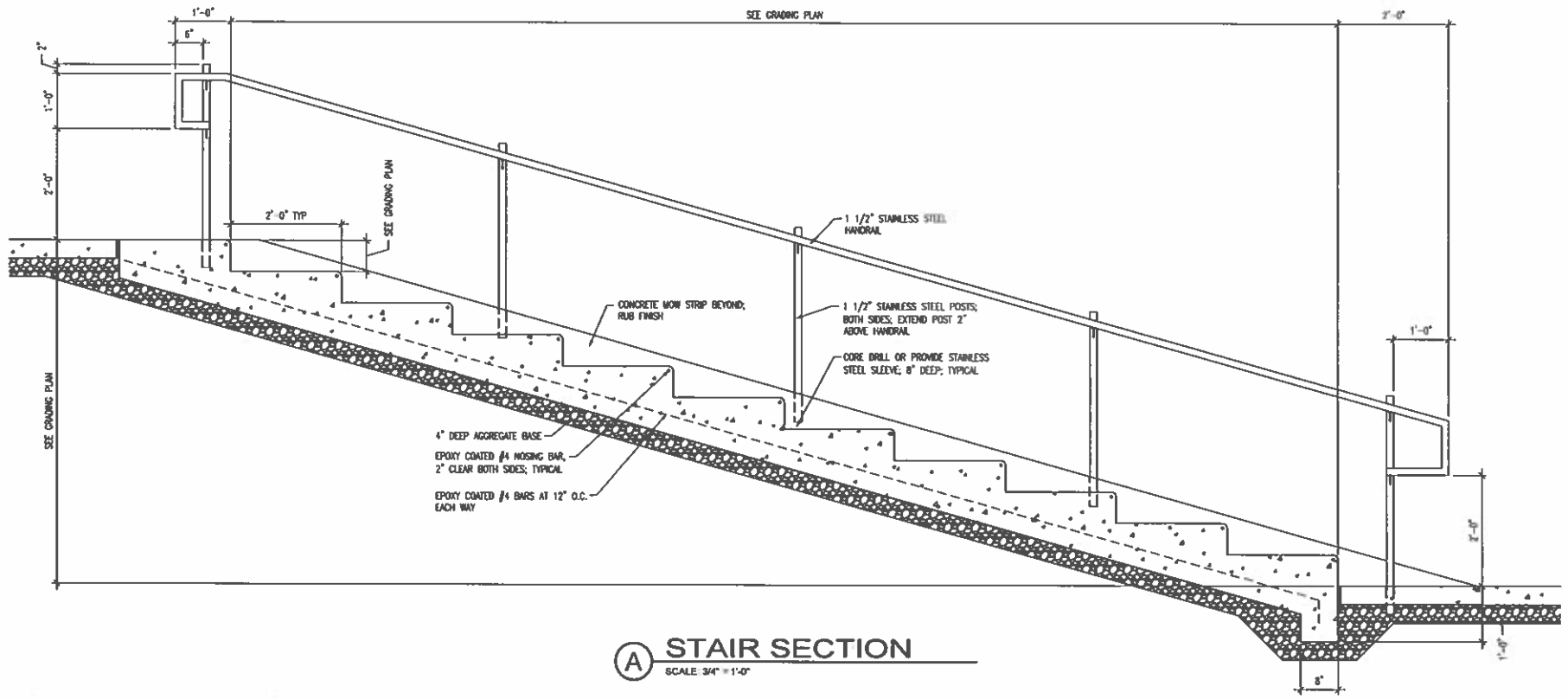
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Mark	Date	Description

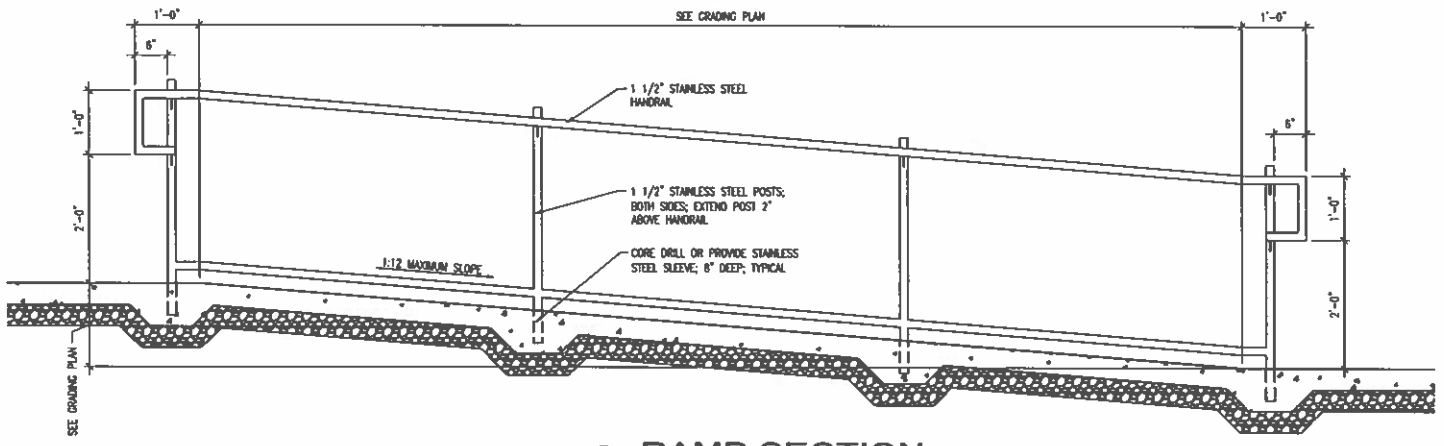
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Plan Series Heritage 24
Property Number 500-2087-24010101
Date June 16, 2025

Sheet Title
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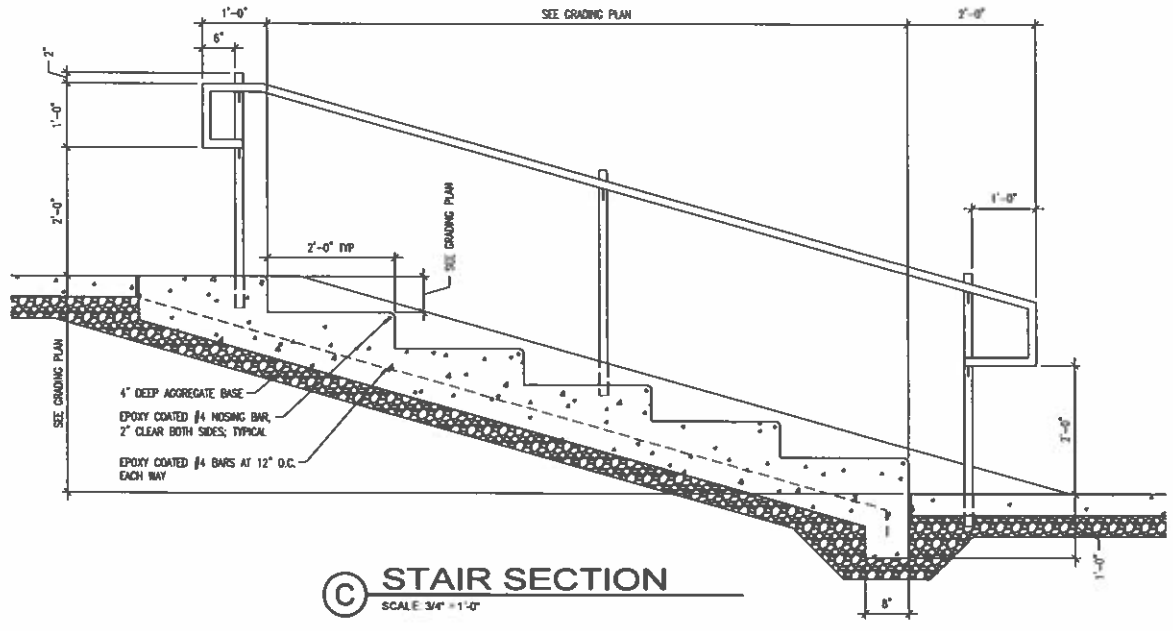
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A STAIR SECTION
SCALE: 3/4" = 1'-0"



B RAMP SECTION
SCALE: 3/4" = 1'-0"



C STAIR SECTION
SCALE: 3/4" = 1'-0"

evans + associates architecture
1168 East South Union Ave., Suite 100A, Midvale, Utah 84047
phone 801-533-4072
fax 801-533-4073

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273770
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 200 East 200 South
Ivins, Utah

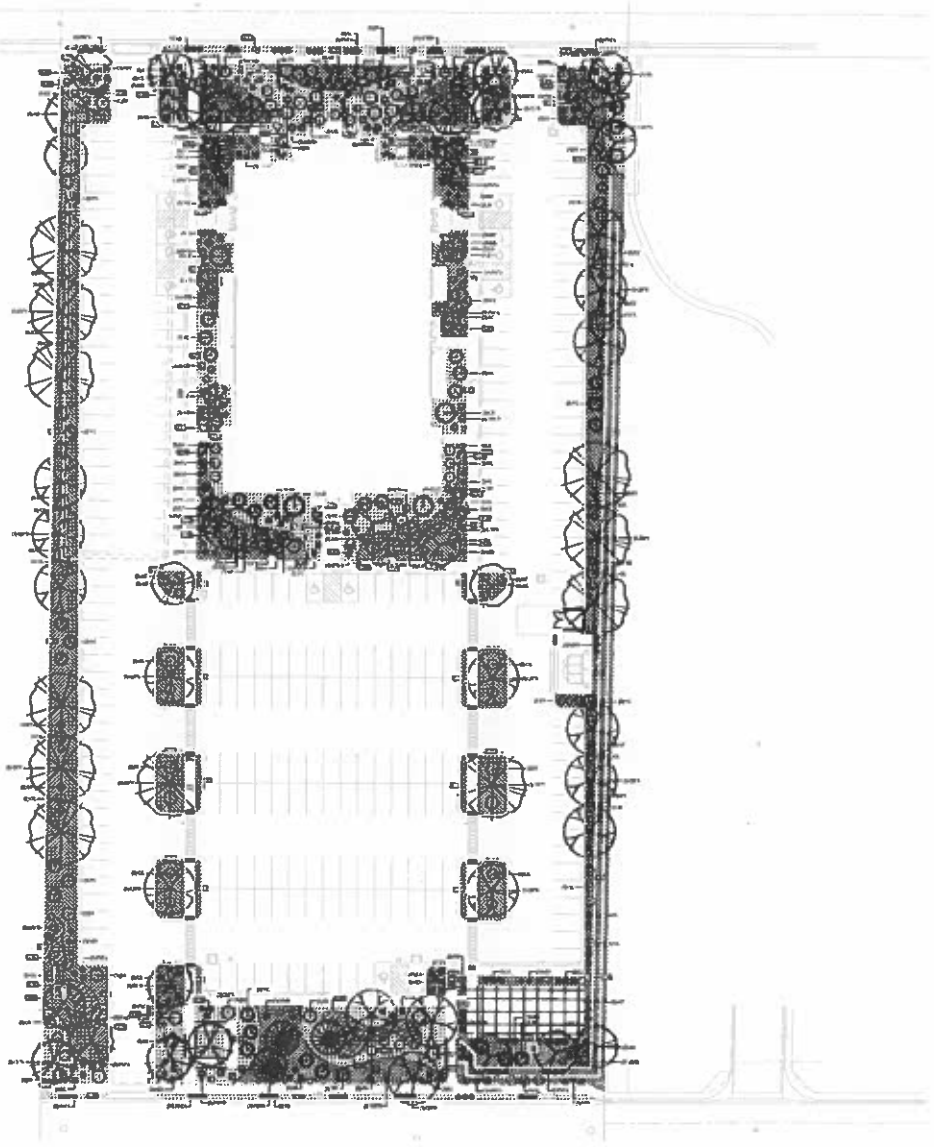
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
June 16, 2025

Sheet Title
STAIR AND RAMP SECTIONS

Sheet
C511



PLANT LEGEND

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
CONIFERS						
	PIMM	3	Pinus eldarica Mondell Pine 50'x20';moderate water; sun; z8-11; also called Afgan Pine	24"box		5' 6'
DECIDUOUS TREES						
	AH	16	Pistacia chinensis 'Red Push' Chinese Pistache	15 gal		
	CLB	10	Chilopsis linearis 'Bubba' Bubba Desert Willow Low water; 30' x 30'; sun; z6	24"box	Multi-trunked	
	LY	16	Lagerstroemia indica x fauriei 'Arapaho' Arapaho Crape Myrtle	15 gal		
	QBR	16	Quercus buckleyi Red Rock Oak low water; 60'x40' sun; z6	24"box	2"Cal	
	ZSV	11	Zelkova serrata 'Village Green' Village Green Zelkova T#4; 50x40; AV 480; sun; z5; Utah Lake water tolerant	B & B	2"Cal	
EVERGREEN TREES						
	CB	4	Cupressus arizonica glabra 'Blue Pyramid' Blue Pyramid Cypress	15 gal		

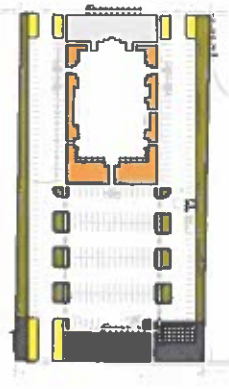
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
DECIDUOUS SHRUBS				
	BHR	12	Buddleja davidii 'Tobaed1202' Buzz™ Hot Raspberry Butterfly Bush Moderate; 4'x4'; sun; z5; Utah Lake water tolerant	5 gal
	SR	42	Salvia greggii 'Red' Red Autumn Sage	5 gal
EVERGREEN SHRUBS				
	HB	18	Hesperaloe parviflora 'Perpa' Brakelights® Red Yucca	5 gal
	JH	38	Juniperus horizontalis 'Guernsey Green' Guernsey Green Windwalker® Juniper	5 gal
	LL	51	Leucophyllum zygophyllum 'Laredo' Laredo Texas Sage	5 gal
	MD	59	Myrtus communis 'Compacta' Dwarf Common Myrtle	5 gal
	OL	46	Olea europaea 'Montra' Little Ollie® Olive	5 gal
	RT	45	Rosmarinus officinalis 'Tuscan Blue' Tuscan Blue Rosemary	5 gal
	SC	26	Santolina chamaecyparissus Lavender Cotton	5 gal
	SH	13	Salvia pachyphylla Mojave Sage Rose Sage	5 gal
	VC	41	Vauquelinia californica Arizona Rosewood	5 gal

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
PERENNIALS				
	BM	23	Baileya multiradiata Desert Marigold	5 gal
	GWB	24	Gaura lindheimeri 'Whirling Butterflies' Whirling Butterflies Wandflower P1, 3x2.5; AV 4.5; sun z5; Utah Lake water tolerant	1 gal
	LR	18	Lavandula stoechas 'Anouk' Anouk Spanish Lavender	5 gal
ROSES				
	RAD	12	Rosa x 'Meimirrore' Apricot Drift® Rose	5 gal
SUCCULENTS				
	DW	5	Dasylirion wheeleri Grey Desert Spoon	5 gal
	NM	8	Nolina microcarpa Sacahuista	5 gal
	YC	12	Yucca filamentosa 'Color Guard' Color Guard Adam's Needle	5 gal
GRASSES				
	FMA	81	Festuca mairei Atlas Fescue low; 3x3; sun; z5; Utah Lake water tolerant	1 gal
	MRD	51	Muhlenbergia rigens Deer Muhly Tw1; 3-5x4; AV 7; sun to light shade; z6; Utah Lake water tolerant	1 gal

PLANT COVERAGE DIAGRAM	
SYMBOL	COVERAGE AREA
	STREET FRONTAGE
	PRIMARY ENTRIES
	BUILDING PERIMETER
	PERIMETER SIDES
	PERIMETER REAR

*NOTE: THIS DIAGRAM IS USED TO DEFINE PLANT COVERAGE AREAS. CALCULATE PLANT COVERAGE AND ENTER INFORMATION IN THE PLANT COVERAGE TABLE.

PROTOTYPICAL PLANT COVERAGE MAP



Design Criteria

Eco-Region	10.1 Northern Cold Desert
Climate zone	Zone 8
Zoning ordinance	Mhe
Water availability	Secondary Water
Soil type	Clay Loam
Slopes	flat
Wind	Northwest
Setbacks/easements	No special easements
Microclimates	Nothing unique to site
Soil ph	7.7
Lawn Area Percentage	20%
Undeveloped property	N/A
Irrigation system	Secondary Water

* Refer to AEC Design Guidelines

Plant Coverage

	Shrubs-Mixture Coverage	Actual%	Tree Purpose	Actual#	% Required by Local Jurisdiction
Street Frontage	25% - 50%	45%	Frame Building	(10)	N/A
Primary Entries	30% - 55%	45%	Frame Entry	(13)	N/A
Building Perimeter	25% - 45%	40%	Accent Building	(24)	N/A
Perimeter	5% - 15%	10%	Screen Lot	(37)	N/A

Landscape Data

Total Site Area	4.4 Acres	% of Site/Landscape	%'d Required by Local Jurisdiction
Total Landscape Area	62,418 SF	32%	N/A
Shrubs/Groundcover	541 Shrubs	40%	N/A

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Landscape Architecture Planning & Visualization
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LEHI, UTAH 84043 (801) 995-2217
www.pkjdesigngroup.com

0' 25' 50' 100' 200'
GRAPHIC SCALE: 1" = 50'

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11376 south state street, suite 1030
sandy, utah 84070
phone 801-553-8272 fax 801-553-8273

Stamp
LICENSED LANDSCAPE ARCHITECT
JORDAN ANDREW EVANS
10/23/2025
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 200 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-20987-24010101
Date
January 29, 2026

Sheet Title
LANDSCAPE PLAN

Sheet
L100



SHEET INDEX

SHEET LP 102

SHEET LP 103

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
PERENNIALS				
	BM	23	Baileya multiradiata Desert Marigold	5 gal
	GWB	24	Gaura lindheimeri 'Whirling Butterflies' Whirling Butterflies Wandflower P1; 3x2.5; AV 4.5; sun z5; Utah Lake water tolerant	1 gal
	LR	18	Lavandula stoechas 'Anouk' Anouk Spanish Lavender	5 gal
ROSES				
	RAD	12	Rosa x 'Meimirrote' Apricot Drift® Rose	5 gal
SUCCULENTS				
	DW	5	Dasylirion wheeleri Grey Desert Spoon	5 gal
	NM	8	Nolina microcarpa Sacahuista	5 gal
	YC	12	Yucca filamentosa 'Color Guard' Color Guard Adam's Needle	5 gal

SITE MATERIALS LEGEND

SYMBOL	CODE	DESCRIPTION	QTY
1 LANDSCAPE			
	1.17	1" MINUS RED CRUSHED ROCK. SUBMIT SAMPLES FOR LANDSCAPE ARCHITECT AND OWNER APPROVAL. PROVIDE 3" DEPTH OF ROCK MULCH TOP DRESSING. SEE INORGANIC MULCH LANDSCAPE NOTES FOR ADDITIONAL INFORMATION. SHEET LP-101.	18,321 sf
	1.21	2-4" RED CRUSHED ROCK. SUBMIT SAMPLES FOR LANDSCAPE ARCHITECT AND OWNER APPROVAL. PROVIDE 4" DEPTH OF ROCK MULCH TOP DRESSING. SEE INORGANIC MULCH LANDSCAPE NOTES FOR ADDITIONAL INFORMATION. SHEET LP 101.	2,642 sf
	1.31	1/2" GOLD CRUSHED ROCK. SUBMIT SAMPLES FOR LANDSCAPE ARCHITECT AND OWNER APPROVAL. PROVIDE 3" DEPTH OF ROCK MULCH TOP DRESSING. SEE INORGANIC MULCH LANDSCAPE NOTES FOR ADDITIONAL INFORMATION. SHEET LP-101.	39,137 sf
2 HARDSCAPE			
	2.04	6" CONCRETE MOW CURB SEE DETAIL SHEET FOR ADDITIONAL INFORMATION. SHEET LP-501.	18 lf
	2.05	5" DEEP STEEL EDGING - INSTALL PER MANUFACTURER SPECIFICATION.	845 lf
	2.06	CUT EDGE	894 lf
	2.11	BOULDERS- DECORATIVE 3 FOOT ROUND. SUBMIT COLOR SAMPLES FOR ARCHITECT AND OWNER APPROVAL. SEE PLACEMENT INSTRUCTIONS ON DETAIL SHEET LP 501.	50
	2.11	BOULDERS- DECORATIVE 5 FOOT ROUND. SUBMIT COLOR SAMPLES FOR ARCHITECT AND OWNER APPROVAL. SEE PLACEMENT INSTRUCTIONS ON DETAIL SHEET LP 501.	12

PLANT LEGEND

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
CONIFERS						
	PEM	3	Pinus eldarica Mondell Pine 50'x20';moderate water; sun; z8-11; also called Afgan Pine	24"box		5'-6'
DECIDUOUS TREES						
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	CLB	10	Chilopsis linearis 'Bubba' Bubba Desert Willow Low water; 30' x 30'; sun; z6	24"box	Multi-trunked	
	LY	16	Lagerstroemia indica x fauriei 'Arapaho' Arapaho Crape Myrtle	15 gal		
	QBR	16	Quercus buckleyi Red Rock Oak low water; 60'x40' sun; z6	24"box	2"Cal	
	ZSV	11	Zelkova serrata 'Village Green' Village Green Zelkova Td4; 50x40; AV 490; sun; z5; Utah Lake water tolerant	B & B	2"Cal	
EVERGREEN TREES						
	CB	4	Cupressus arizonica glabra 'Blue Pyramid' Blue Pyramid Cypress	15 gal		
SYMBOL	**CODE**	**QTY**	**BOTANICAL / COMMON NAME**	**CONT**		
DECIDUOUS SHRUBS						
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	HB	18	Hesperaloe parviflora 'Perpa' Brakelights® Red Yucca	5 gal		
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	MD	59	Myrtus communis 'Compacta' Dwarf Common Myrtle	5 gal		
	OL	46	Olea europaea 'Montra' Little Ollie® Olive	5 gal		
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	SC	26	Santolina chamaecyparissus Lavender Cotton	5 gal		
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GRASSES						
	FMA	81	Festuca mairei Atlas Fescue low; 3x3; sun; z5; Utah Lake water tolerant	1 gal		
	MRD	51	Muhlenbergia rigens Deer Muhly Tw1; 3-5x4; AV 7; sun to light shade; z6; Utah Lake water tolerant	1 gal		

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0' 25' 50' 100' 200'
GRAPHIC SCALE: 1" = 50'

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11576 south state street, suite 103e
draper, utah 84020
phone 801-553-8272 fax 801-553-8273

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

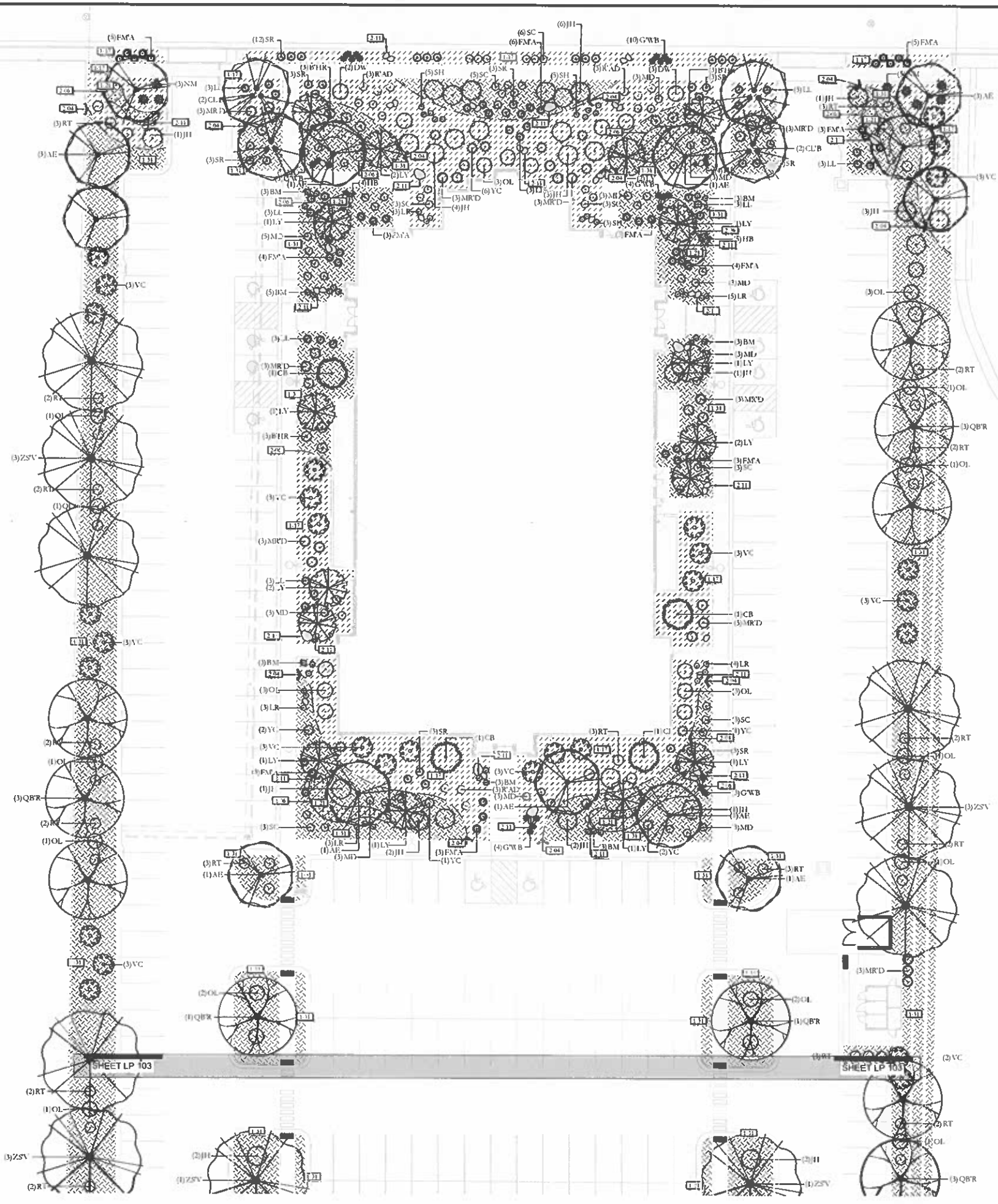
Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-2401#01
Date
January 29, 2026

Sheet Title
LANDSCAPE COLOR PLAN

Sheet
L101



evans + associates architecture
11378 south state street, suite 100A, draper, utah 84020
phone 801-553-8773

Stamp

A New Meetinghouse for:
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Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number	25-19
Plan Series	Heritage 24
Property Number	500-2067-24010101
Date	January 29, 2026

Sheet Title
LANDSCAPE PLAN

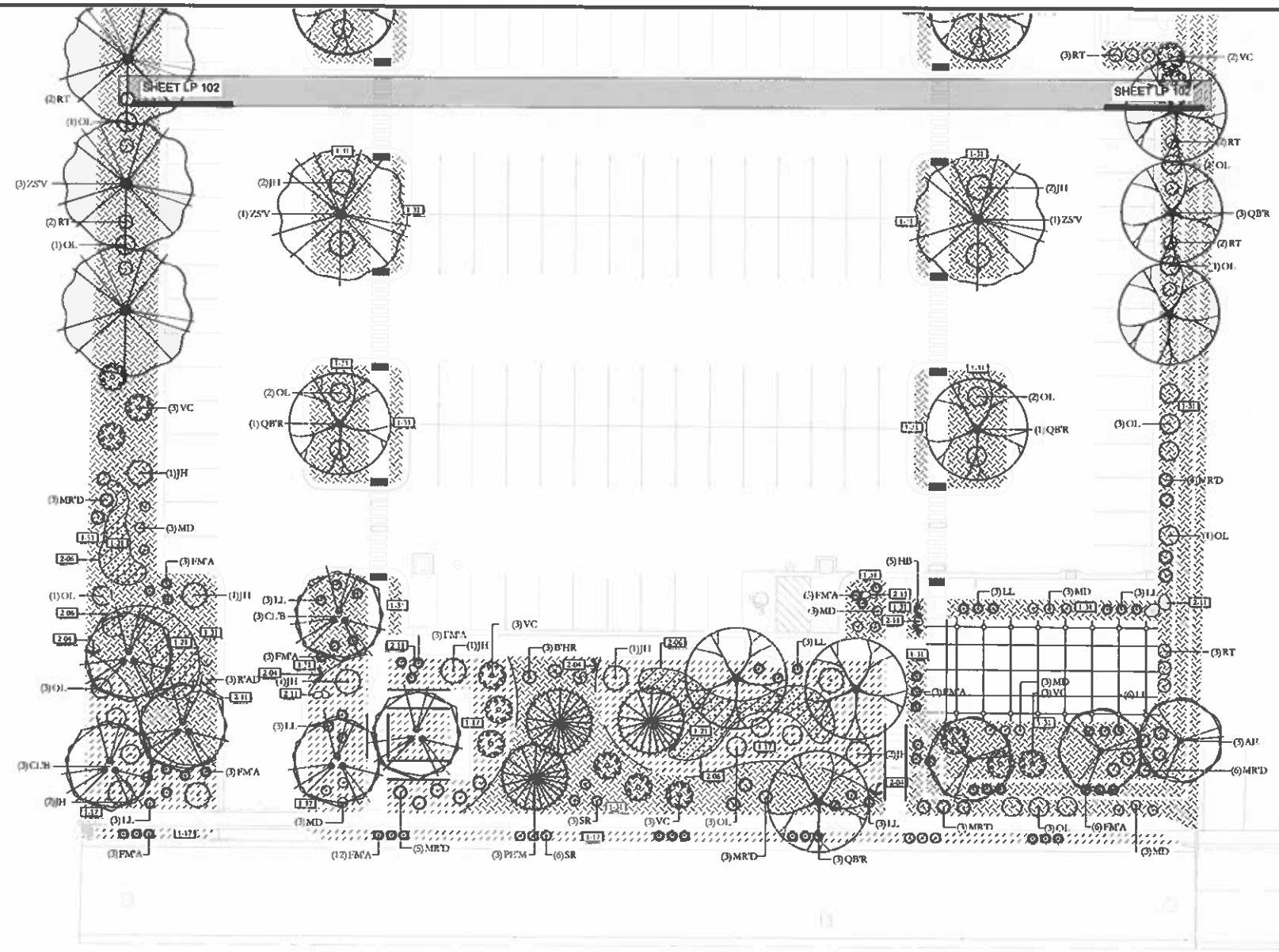
Sheet
L102

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Landscape Architecture Planning & Visualization
3450 N. TRIUMPH BLVD. SUITE 102
LEHI, UTAH 84043 (801) 995-2217
www.pkjdesigngroup.com

0' 10' 20' 40' 80'
GRAPHIC SCALE 1" = 20'

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0' 10' 20' 40' 80'
GRAPHIC SCALE: 1" = 20'

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11579 south state street, suite 103a, draper, utah, 84020
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Stamp
LANDSCAPE ARCHITECT
01/23/2026
STATE OF UTAH

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Ivins 8 &
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Approximately 300 East 200 South
Ivins, Utah

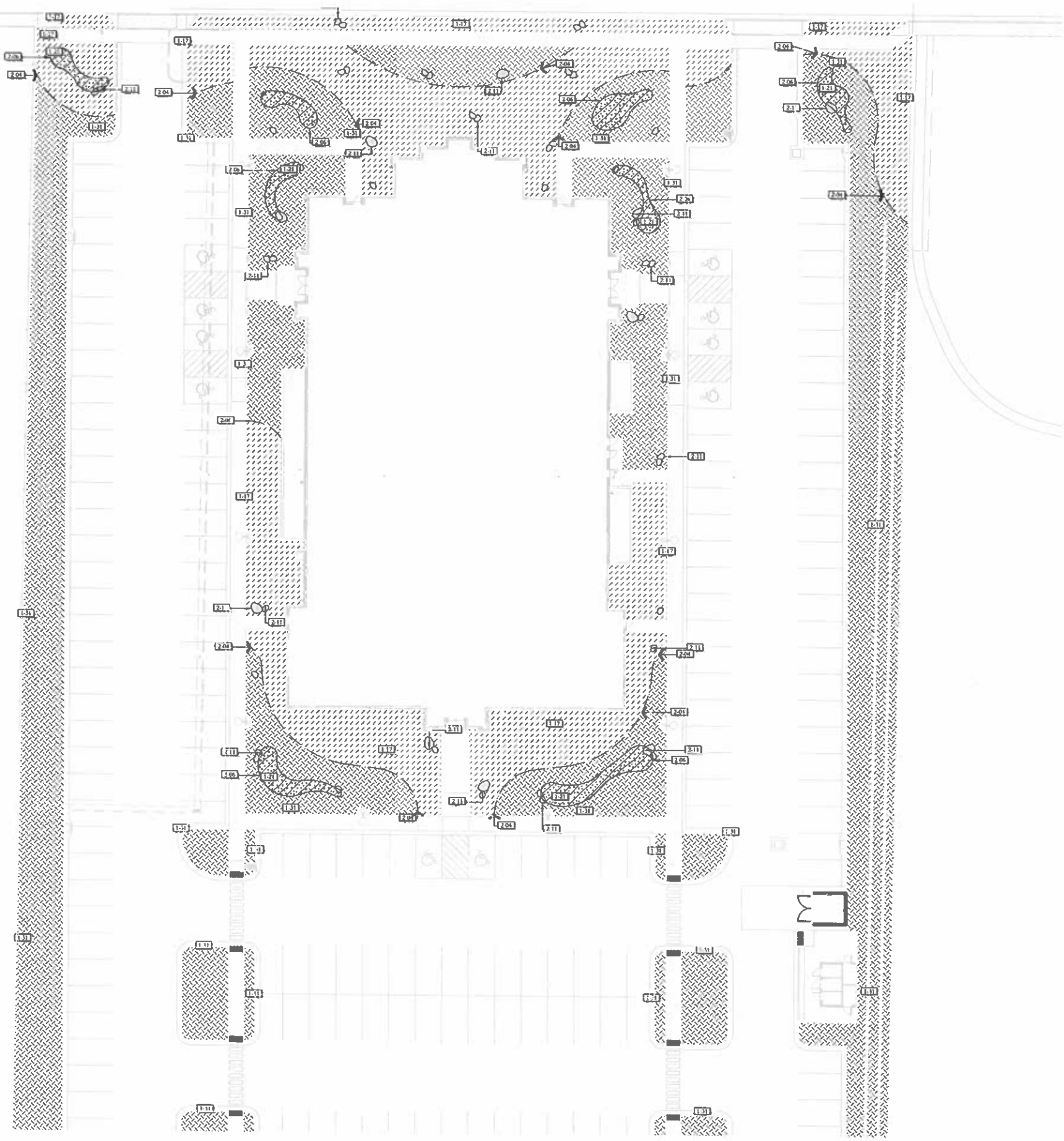
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2057-24010101
Date
January 29, 2026

Sheet Title
LANDSCAPE PLAN

Sheet
L102



SITE MATERIALS LEGEND

1 LANDSCAPE

	1.17	1" MINUS RED CRUSHED ROCK. SUBMIT SAMPLES FOR LANDSCAPE ARCHITECT AND OWNER APPROVAL. PROVIDE 3" DEPTH OF ROCK MULCH TOP DRESSING. SEE INORGANIC MULCH LANDSCAPE NOTES FOR ADDITIONAL INFORMATION. SHEET LP-101.	18,321 sf
	1.21	2-4" RED CRUSHED ROCK. SUBMIT SAMPLES FOR LANDSCAPE ARCHITECT AND OWNER APPROVAL. PROVIDE 4" DEPTH OF ROCK MULCH TOP DRESSING. SEE INORGANIC MULCH LANDSCAPE NOTES FOR ADDITIONAL INFORMATION. SHEET LP-101.	2,642 sf
	1.31	1/2" GOLD CRUSHED ROCK. SUBMIT SAMPLES FOR LANDSCAPE ARCHITECT AND OWNER APPROVAL. PROVIDE 3" DEPTH OF ROCK MULCH TOP DRESSING. SEE INORGANIC MULCH LANDSCAPE NOTES FOR ADDITIONAL INFORMATION. SHEET LP-101.	39,137 sf

2 HARDSCAPE

	2.04	6" CONCRETE MOW CURB SEE DETAIL SHEET FOR ADDITIONAL INFORMATION. SHEET LP-501.	18 lf
	2.05	5" DEEP STEEL EDGING - INSTALL PER MANUFACTURER SPECIFICATION.	845 lf
	2.06	CUT EDGE	894 lf
	2.11	BOULDERS- DECORATIVE 3 FOOT ROUND. SUBMIT COLOR SAMPLES FOR ARCHITECT AND OWNER APPROVAL. SEE PLACEMENT INSTRUCTIONS ON DETAIL SHEET LP-501..	50
	2.11	BOULDERS- DECORATIVE 5 FOOT ROUND. SUBMIT COLOR SAMPLES FOR ARCHITECT AND OWNER APPROVAL. SEE PLACEMENT INSTRUCTIONS ON DETAIL SHEET LP-501.	12

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0' 15' 30' 60' 120'
GRAPHIC SCALE: 1" = 30'

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Stamp

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Ivins UT Stake
Approximately 200 East 200 South
Ivins, Utah

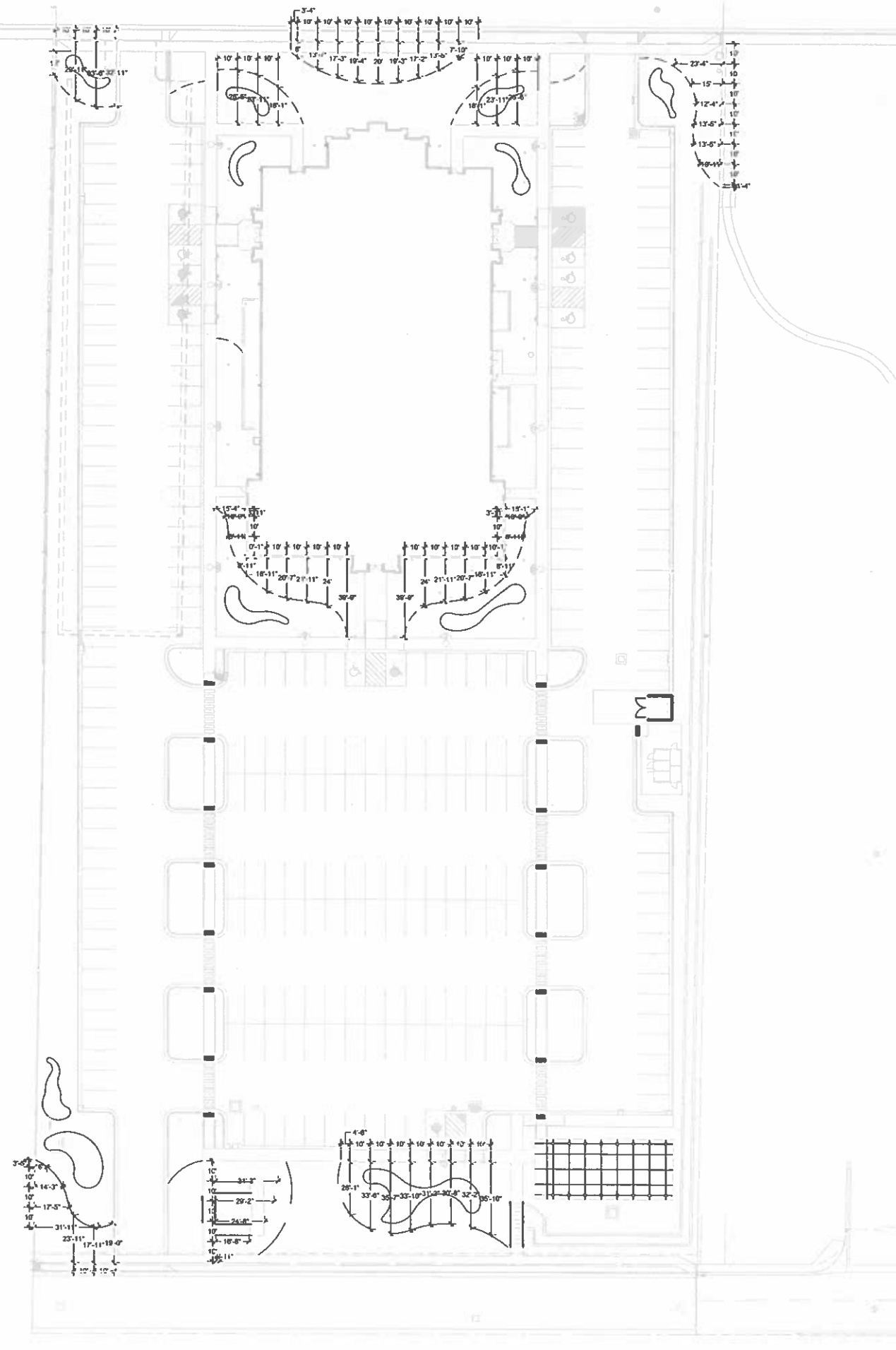
Project for:
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Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2057-24010101
Date
January 29, 2026

Sheet Title
MATERIALS PLAN

Sheet
L103



SITE MATERIALS LEGEND

2-01	6" CONCRETE MOW CURB SEE DETAIL SHEET FOR ADDITIONAL INFORMATION. SHEET LP-501	18 lf
2-01	5" DEEP STEEL EDGING - INSTALL PER MANUFACTURER SPECIFICATION	845 lf
2-01	CUT EDGE	894 lf

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GRAPHIC SCALE: 1" = 30'

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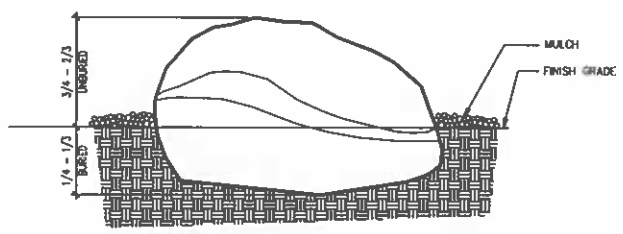
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THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

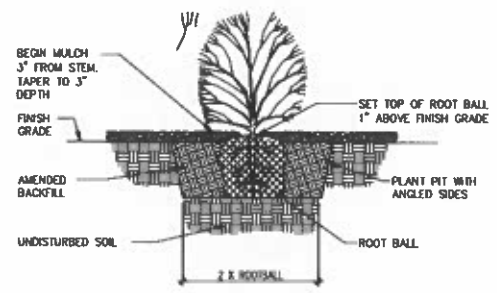
Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
January 29, 2026

Sheet Title
EDGING PLAN

Sheet
L104

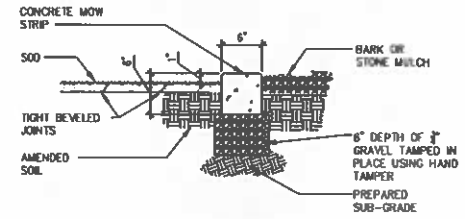


BOULDER PLACEMENT DETAIL
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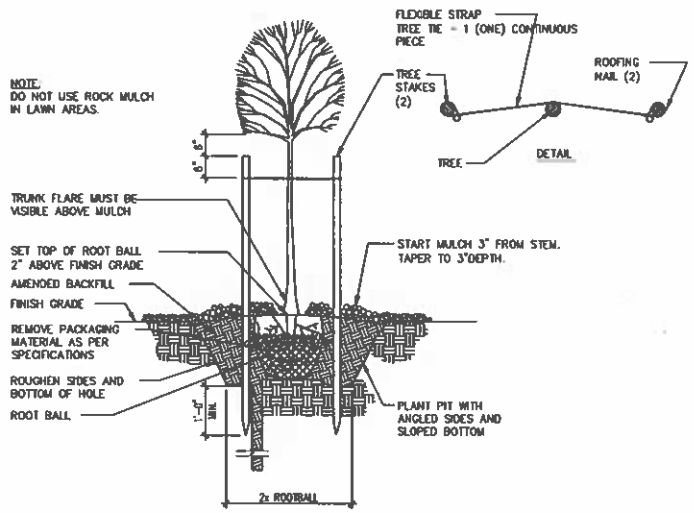


(B) SHRUB PLANTING DETAIL
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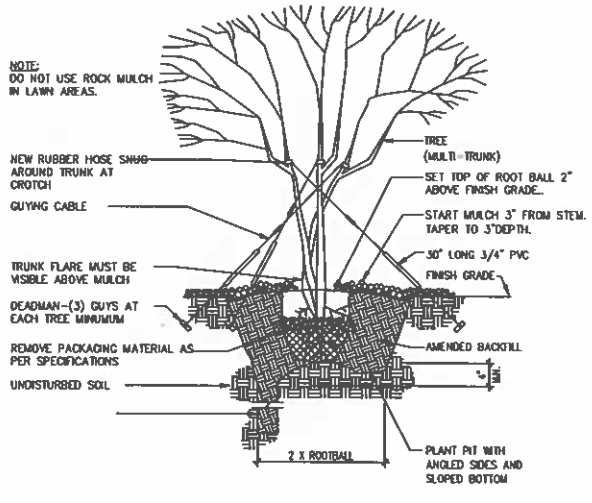
NOTES:
1. MOW STRIP TO BE 4,500 PSI CONCRETE WITH 6% AIR ± 1 1/2.
2. INSTALL EXPANSION AND CONTROL JOINTS AS PER SPECIFICATIONS.
3. PROVIDE POSITIVE DRAINAGE AROUND MOW STRIPS. DO NOT CREATE A DAM EFFECT WITH PLACEMENT OF MOW STRIP.
4. MAXIMUM 1/2" WIDTH VARIATION.
5. FOLLOW LAYOUT PLAN PRECISELY AS SHOWN ON MOW STRIP/EDGING DIMENSION PLAN.
6. RAISE THE LAWN GRADE 1" WHEN SEEDING.



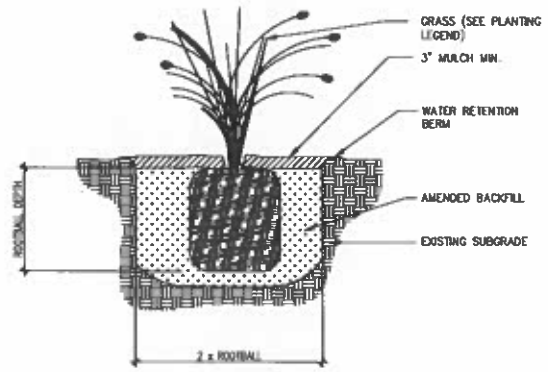
(D) CONCRETE MOW STRIP
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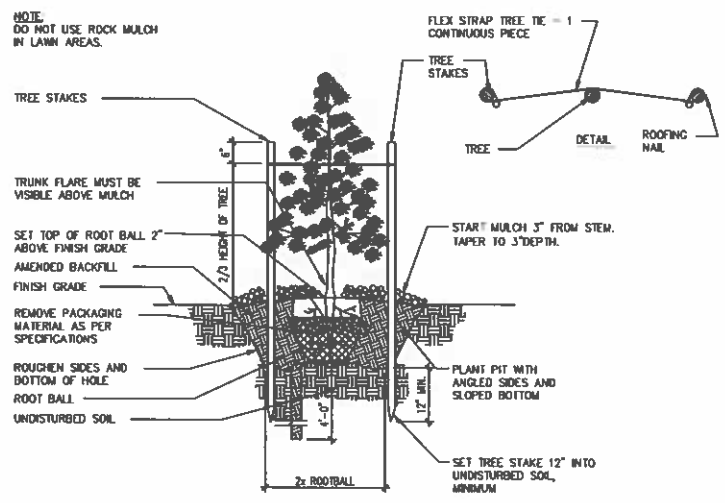
(E) TREE PLANTING AND STAKING
NOT TO SCALE



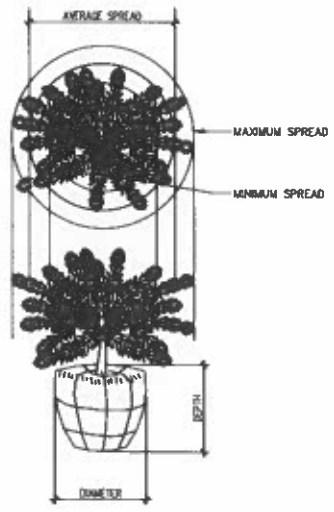
TREE GUYING (MULTI-TRUNK TREE)
(G) NOT TO SCALE



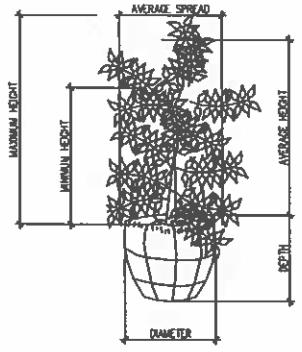
(D) ORNAMENTAL GRASSES PLANTING
NOT TO SCALE



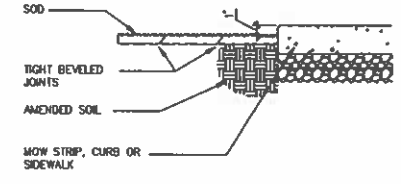
(K) CONIFER PLANTING AND STAKING
NO SCALE



TYPICAL MEASUREMENT FOR PROSTRATE TYPE PLANTS
(L) NOT TO SCALE



TYPICAL MEASUREMENT FOR BROAD UPRIGHT TYPE
(M) NOT TO SCALE



(N) SOD INSTALLATION
NOT TO SCALE

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evans + associates architecture
11578 south state street, suite 150, draper, utah 84020
phone 801-553-4272

Stamp
LICENSED LANDSCAPE ARCHITECT
JEFFREY D. EVANS
12/23/2025
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

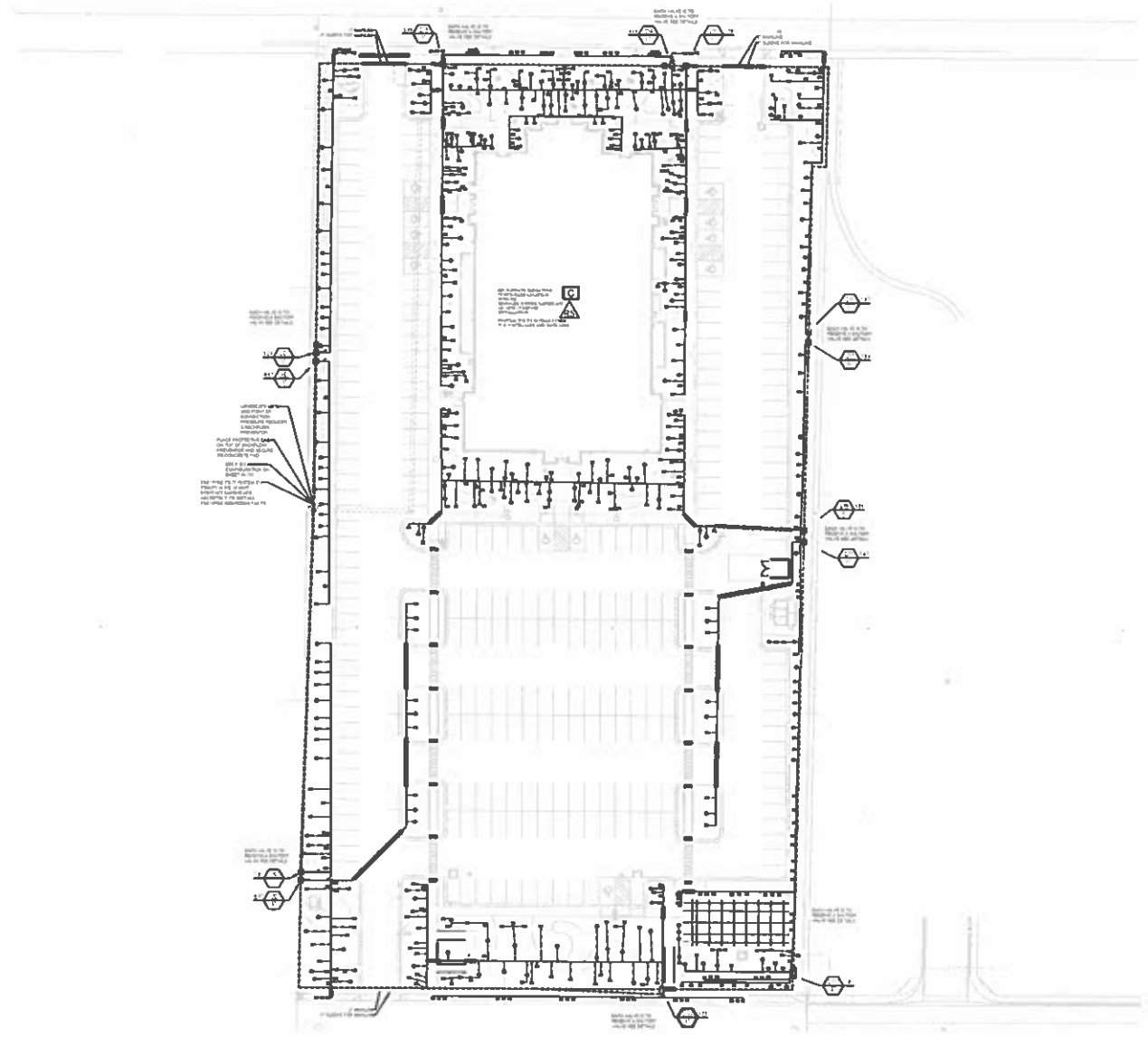
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2057-240101101
Date
January 29, 2026

Sheet Title
LANDSCAPE DETAILS

Sheet
L501



IRRIGATION LEGEND

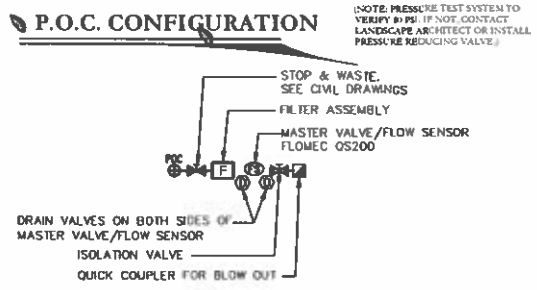
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird XCZPGA-100-PRF 1" Medium Flow, 3-15 GPM, with 1in. PGA valve and 1in. Pressure Regulating RBY filter and 40psi pressure regulator. It is 2 wire compatible residential control zone kit.	13
	Rain Bird XFS-09-18 Drip Ring(TREE)	75
05 10 20 40 60 80 100	GPH Irrigation GPST 0.5 GPH Threaded pressure compensating drip emitter with 1/2in. FIPT inlet and Diffuser Cap Outlet in Standard Color. Brown = 0.5 GPM; Black = 1.0 GPM; Green = 2.0 GPM; Yellow = 4.0 GPM; Tan = 6.0 GPM; Gray = 8.0 GPM; Orange = 10.0 GPM.	626

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird 44-RC 1" 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	4
	Shut Off Valve	2
C	Hydro Point WTPRO3-C-24-CWM 18-gauge, powder-coated, cold-rolled steel, wall mount enclosure w/ key-lock entry.	1
RS	Controller Accessories Precip Sensor	1
FS	Flomec QS200-15 1-1/2" 1-1/2in. insertion flowmeter, schedule 80 PVC housing, 0.55-82 gpm range, max. operating pressure 150psi. 2-wire connector w/ LED indicators for power and pulse. Storage temps -20 F to +160 F	1
F	Amiad 2-A-MSIG-Steel Screen 100mm Amiad 2in. Mini Sigma, Angled Self-Cleaning Filter, BSPT or NPT inlet-outlet. Stainless Steel Weavewire Screen Element. ADI-P Bluetooth Range Controller. Maximum working pressure 116psi	1
POC2	Point of Connection 2"	1
	Irrigation Lateral Line: PVC Schedule 40 1"	3,900 lf
	Irrigation Lateral Line: Polyethylene Pipe SDR-7	20.1 lf
	Irrigation Lateral Line: Polyethylene Pipe SDR-7 1/2"	3,947 lf
	Irrigation Mainline: PVC Schedule 40	1,935 lf
	Pipe Sleeve: PVC Class 200 SDR 21	501.4 lf

Valve Callout
- Valve Number
- Valve Flow
- Valve Size

P.O.C. CONFIGURATION

(NOTE: PRESSURE TEST SYSTEM TO VERIFY 80 PSI. IF NOT, CONTACT LANDSCAPE ARCHITECT OR INSTALL PRESSURE REDUCING VALVE.)



SHEET INDEX

SHEET IR 102

SHEET IR 103

PKJ DESIGN GROUP
Landscape Architecture / Planning & Visualization
3450 N. TRIUMPH BLVD. SUITE 102
LEHI, UTAH 84043 (801) 995-2217
www.pkjdesigngroup.com

0' 15' 30' 60' 120'
GRAPHIC SCALE 1" = 30'

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STATE OF UTAH
REGISTERED LANDSCAPE ARCHITECT
ANDREW ANDERSON
5/29/2026

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

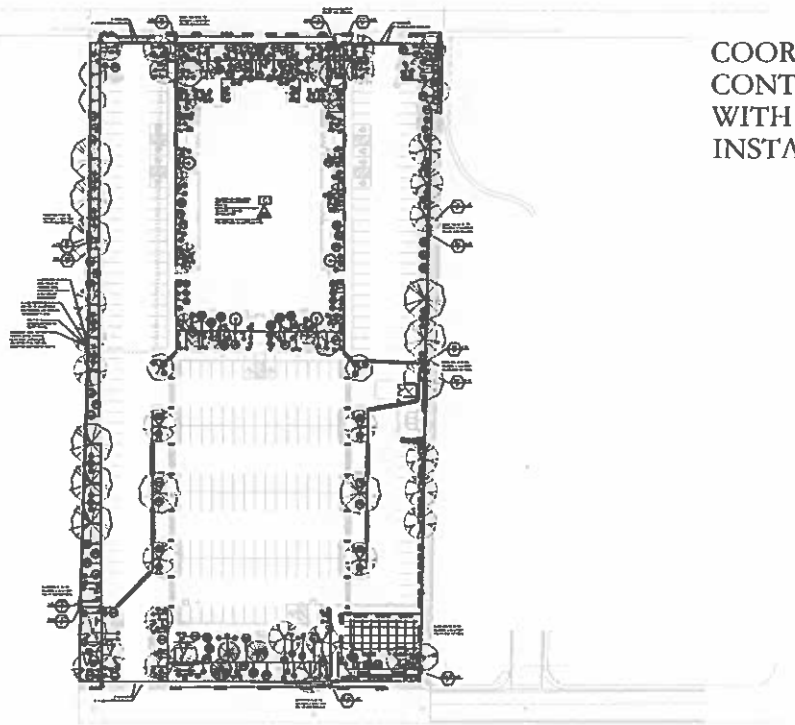
Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions			
Mark	Date	Description	

Project Number: 25-19
Plan Series: Heritage 24
Property Number: 500-2067-24010101
Date: January 29, 2026

Sheet Title: IRRIGATION OVERALL

Sheet: I100



COORDINATE IRRIGATION CONTROLLER LOCATION WITH FM BEFORE INSTALLATION.

2" MAINLINE ROUTING ,CONTROLLER AND P.O.C. LOCATION OVERVIEW

WATERING SCHEDULE

Regular Irrigation Schedule: Begin Spring Watering May 15 (Turf irrigation event once every 5-7 days; Shrubs 2-4 times/month)

Hi-Low Water Use Zones	TYPE	ID HEAD	APP. RATE	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Hi Water Use	ROT	MP ROTATOR	.6 INCH		45 MIN.						Participate in a water check to determine
Medium to Low Water Use	BUBBLER	DRIP	1 GAL/HR.			2 HOURS					precipitation rate of sprinkler system.
Both Water Use	BUBBLER	DRIP	No Water								

Note: Begin irrigation 4/20 am. Use cycle and soak method in clay soils divide into 3 waterings for each turf irrigation event.
Do not overwater shrubs, allow to dry between waterings especially in clay soils. Watch for water stress. Days of watering may vary based on local restrictions

Regular Irrigation Schedule: Begin Summer Watering June 15 (Turf irrigation event once every 3-5 days; Shrubs 1 time/week)

Hi-Low Water Use Zones	TYPE	ID HEAD	APP. RATE	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Hi Water Use	ROT	MP ROTATOR	.6 INCH		60 min.		45 MIN		60 MIN.		Participate in a water check to determine
Medium to Low Water Use	BUBBLER	DRIP	2 GAL/HR.			3 HOURS					precipitation rate of sprinkler system.
Both Water Use	BUBBLER	DRIP	2 GAL/HR.			1 HOUR					

Note: Begin irrigation 4/20 am. Use cycle and soak method in clay soils divide into 3 waterings for each turf irrigation event.
Do not overwater shrubs, allow to dry between waterings especially in clay soils. Watch for water stress. Days of watering may vary based on local restrictions
Reference Utah DNR weekly watering guide https://conservewater.utah.gov/weekly-lawn-watering-guide/

Regular Irrigation Schedule: Begin Fall Watering September 1-End Fall Watering October 15 (Turf irrigation event once every 5-7 days; Shrubs 3-4 times/month)

Hi-Low Water Use Zones	TYPE	ID HEAD	APP. RATE	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
Hi Water Use	ROT	MP ROTATOR	.6 INCH		60 MIN.						Participate in a water check to determine
Medium to Low Water Use	BUBBLER	DRIP	2 GAL/HR.			2 HOURS					precipitation rate of sprinkler system.
Both Water Use	BUBBLER	DRIP	No Water								

Note: Begin irrigation 4/20 am. Use cycle and soak method in clay soils divide into 3 waterings for each turf irrigation event.
Do not overwater shrubs, allow to dry between waterings especially in clay soils. Watch for water stress. Days of watering may vary based on local restrictions

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird XCZPGA-100-PRF 1" Medium Flow, 3-15 GPM, with 1in. PGA valve and 1in. Pressure Regulating RBY filter and 40psi pressure regulator. It is 2 wire compatible residential control zone kit.	13
	Rain Bird XFS 09-18 Drip Ring(TREE)	75
0.5 1.0 2.0 4.0 6.0 8.0 10.0	GPH Irrigation GPST 0.5 GPH Threaded pressure compensating drip emitter with 1/2in. FIPT inlet and Diffuser Cap Outlet in Standard Color. Brown = 0.5 GPM; Black = 1.0 GPM; Green = 2.0 GPM; Yellow = 4.0 GPM; Tan = 6.0 GPM; Gray = 8.0 GPM; Orange = 10.0 GPM.	626

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird 44-RC 1" 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	4
	Shut Off Valve	2
C	Hydro Point WTPRO3-C-24-CWM 18-gauge, powder-coated, cold-rolled steel, wall mount enclosure w/ key-lock entry.	1
ASS	Controller Accessories Precip Sensor	1
FS	Flomec QS200-15 1-1/2" 1 1/2in. insertion flowmeter, schedule 80 PVC housing. 0.55-82 gpm range, max. operating pressure 150psi. 2-wire connector w/ LED indicators for power and pulse. Storage temps -20 F to +160 F.	1
F	Amiad 2-A-MSIG-Steel Screen 100mm Amiad 2in. Mini Sigma, Angled Self-Cleaning Filter, BSPT or NPT inlet-outlet. Stainless Steel Weavewire Screen Element. ADI-P Bluetooth Range Controller. Maximum working pressure 116psi.	1
POC2 2"	Point of Connection 2"	1
	Irrigation Lateral Line: PVC Schedule 40 1"	3,900 lf
	Irrigation Lateral Line: Polyethylene Pipe SDR-7	20.1 lf
	Irrigation Lateral Line: Polyethylene Pipe SDR-7 1/2"	3,947 lf
	Irrigation Mainline: PVC Schedule 40	1,935 lf
	Pipe Sleeve: PVC Class 200 SDR 21	501.4 lf

Valve Callout
#4 — Valve Number
#" — Valve Flow
Valve Size

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LEHI, UTAH 84043 (801) 995-2217
www.pkjdesigngroup.com

0' 40' 80' 160' 320'
GRAPHIC SCALE: 1" = 80'

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1-800-662-4111
www.bluestakes.org

NORTH

evans + associates architecture
11579 south state street, suite 150s, draper, utah 84020
phone 801-553-8573 fax 801-553-8573

Stamp
REGISTERED LANDSCAPE ARCHITECT
Ryan Evans
Active
5537711-5301
12/31/2026
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

Revisions		
Mark	Date	Description

Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2067-24010101
Date
January 29, 2026

Sheet Title
IRRIGATION COVER

Sheet
I101

2" MAINLINE
6" SLEEVE FOR MAINLINE

3.48 D3 1"

EACH VALVE IS TO RECEIVE A SHUTOFF VALVE SEE DETAILS

4.64 D4 1"

EACH VALVE IS TO RECEIVE A SHUTOFF VALVE SEE DETAILS

D5 2.28 1"

2" MAINLINE
6" SLEEVE FOR MAINLINE

EACH VALVE IS TO RECEIVE A SHUTOFF VALVE SEE DETAILS.

1.24 2D 1"

0.67 1D 1"

LANDSCAPE METER AND POINT OF CONNECTION PRESSURE REDUCER & BACKFLOW PREVENTOR

PLACE PROTECTIVE CAGE ON TOP OF BACKFLOW PREVENTOR AND SECURE TO CONCRETE PAD

SEE P.O.C. CONFIGURATION ON SHEET IR-100

PRESSURE TEST SYSTEM TO VERIFY 80 PSI. IF NOT, CONTACT LANDSCAPE ARCHITECT OR INSTALL PRESSURE REDUCING VALVE

POC

COORDINATE IRRIGATION CONTROLLER LOCATION WITH FM MANAGER, OWNER/LANDSCAPE ARCHITECT BEFORE INSTALLATION.

C
RS

CONTRACTOR TO INSTALL POWER FOR CONTROLLER AND DATA LINE

D6 1.67 1"

EACH VALVE IS TO RECEIVE A SHUTOFF VALVE SEE DETAILS

D7 0.84 1"

D8 3.86 1"

EACH VALVE IS TO RECEIVE A SHUTOFF VALVE SEE DETAILS

D9 0.47 1"

SHEET IR 103

SHEET IR 103

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LEHI, UTAH 84043 (801) 995-2217

0' 10' 20' 40' 80'
GRAPHIC SCALE 1" = 20'

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www.bluestakes.org

NORTH

evans + associates architecture
1578 west 400 north, suite 100, orem, utah, 84057
phone 801.225.1213 fax 801.225.1217

Stamp

JEFFREY EVANS
LICENSED LANDSCAPE ARCHITECT
STATE OF UTAH
1/29/2026

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

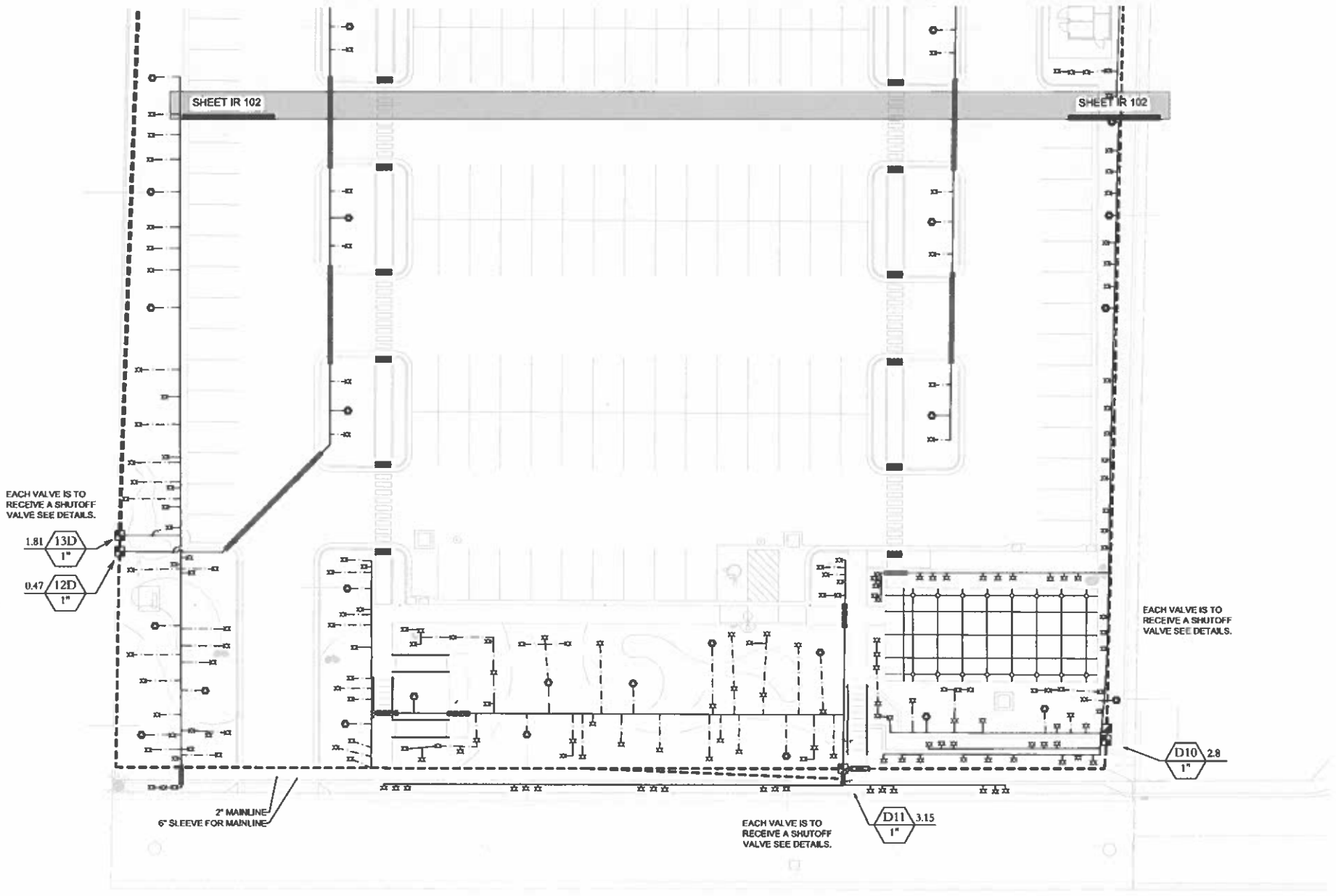
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THE CHURCH OF
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Project Number
25-19
Plan Series
Heritage 24
Property Number
500-2087-24010101
Date
January 29, 2026

Sheet Title
IRRIGATION PLAN

Sheet
I102



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3450 N. TRIUMPH BLVD. SUITE 102
LEHI, UTAH 84043 (801) 995-2217

0' 10' 20' 40' 80'
GRAPHIC SCALE: 1" = 20'

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11576 south state street, suite 130, draper, utah, 84020
phone: (801) 495-2224 fax: (801) 495-2272

Stamp

LICENSED LANDSCAPE ARCHITECT
SEAL
RICHARD EVANS
6351011-5301
1/29/2026
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
Ivins UT Stake
Approximately 300 East 200 South
Ivins, Utah

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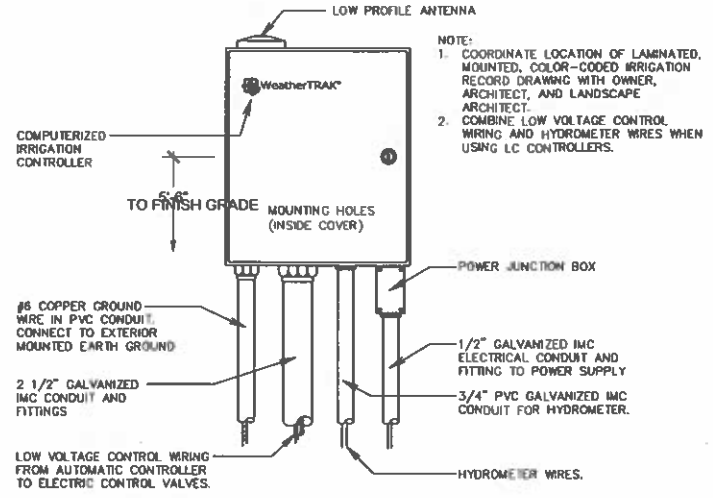
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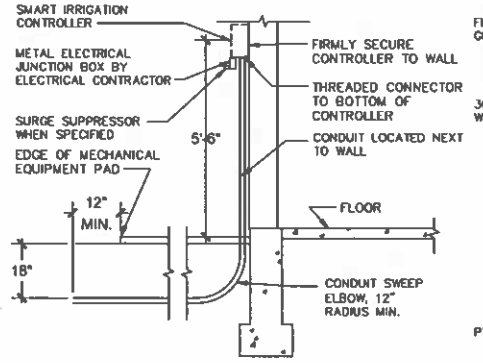
Project Number
25-19
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Sheet Title
IRRIGATION PLAN

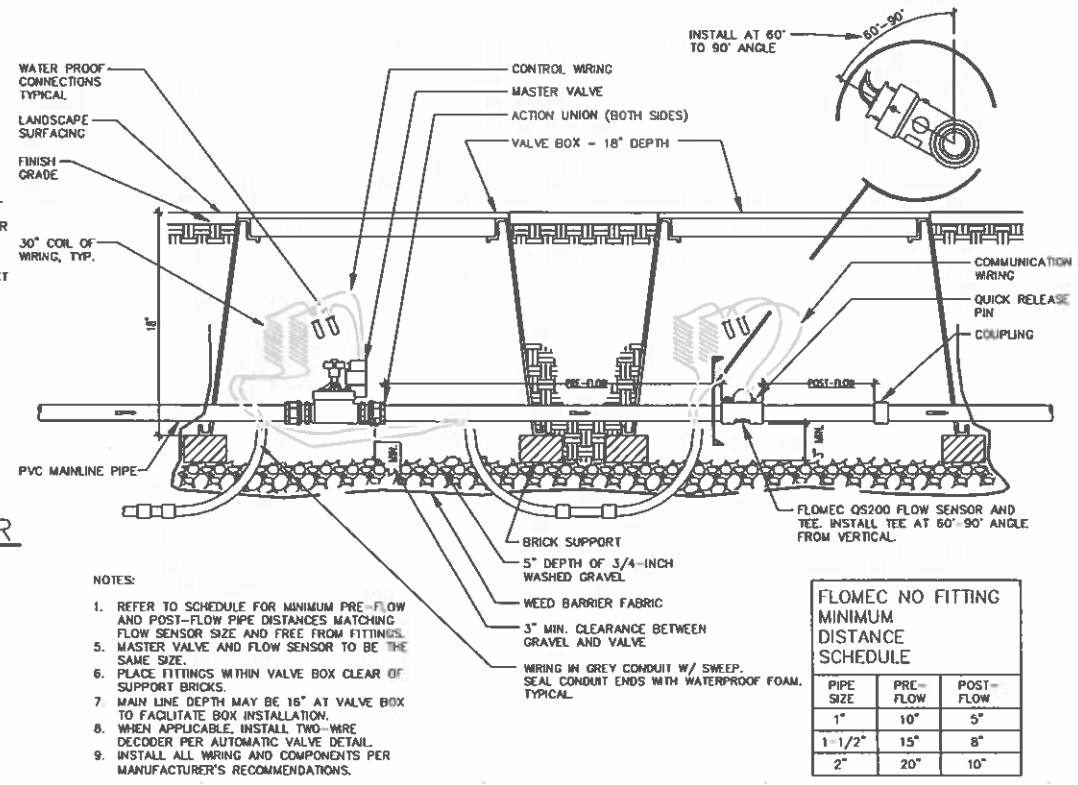
Sheet
I103



A SMART CONTROLLER
NO SCALE
Option A



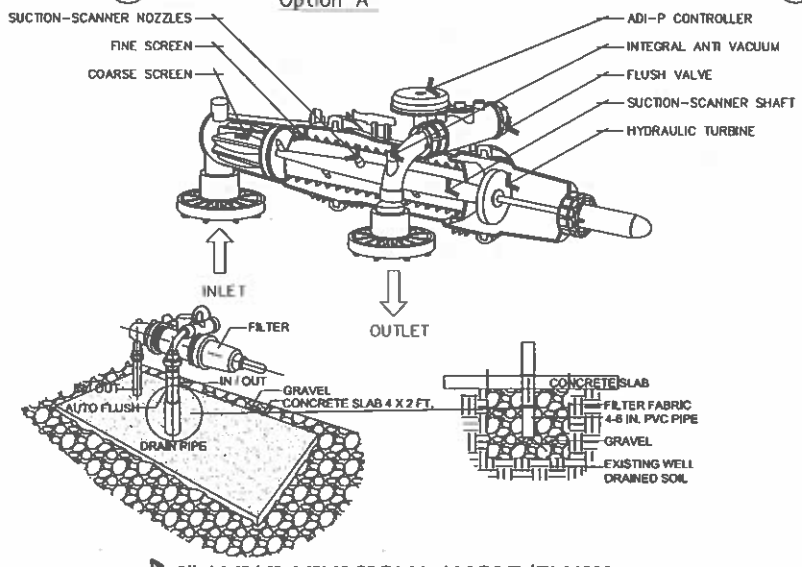
B IRRIGATION CONTROLLER
NO SCALE
(Exterior Mount)



NOTES:
1. REFER TO SCHEDULE FOR MINIMUM PRE-FLOW AND POST-FLOW PIPE DISTANCES MATCHING FLOW SENSOR SIZE AND FREE FROM FITTINGS.
5. MASTER VALVE AND FLOW SENSOR TO BE THE SAME SIZE.
6. PLACE FITTINGS WITHIN VALVE BOX CLEAR OF SUPPORT BRICKS.
7. MAIN LINE DEPTH MAY BE 16" AT VALVE BOX TO FACILITATE BOX INSTALLATION.
8. WHEN APPLICABLE, INSTALL TWO-WIRE DECODER PER AUTOMATIC VALVE DETAIL.
9. INSTALL ALL WIRING AND COMPONENTS PER MANUFACTURER'S RECOMMENDATIONS.

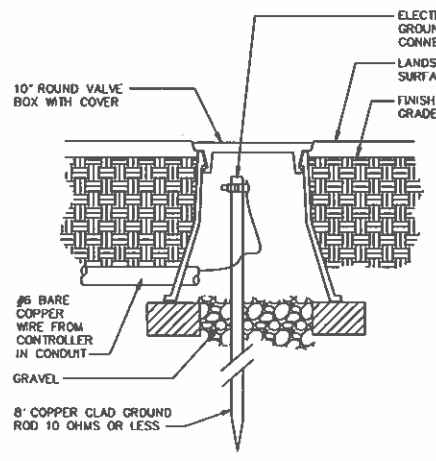
FLOMEC NO FITTING MINIMUM DISTANCE SCHEDULE		
PIPE SIZE	PRE-FLOW	POST-FLOW
1"	10"	5"
1-1/2"	15"	8"
2"	20"	10"

C MASTER VALVE / FLOW SENSOR ASSEMBLY (WEATHERTRAK)
NO SCALE

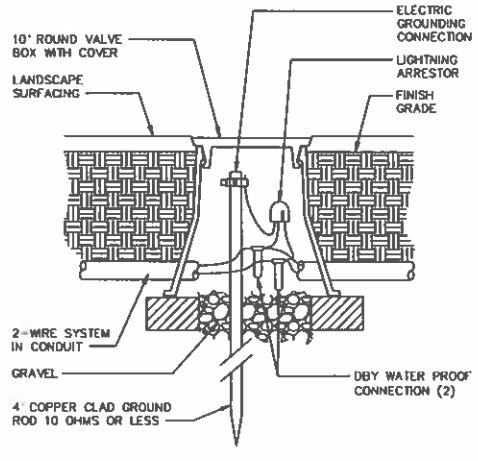


B 2" AMIAD MINI SIGMA ANGLE/FLUSH
NOT TO SCALE

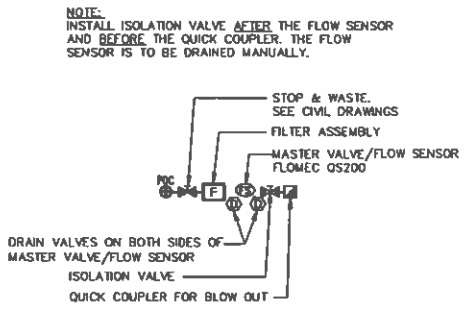
SIDE VIEW



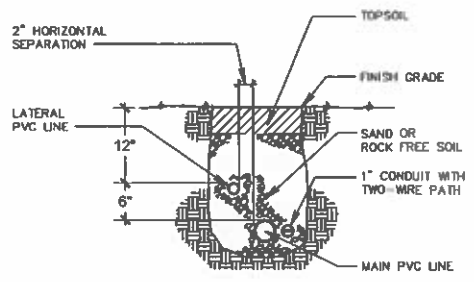
E LIGHTNING GROUNDING ROD
NO SCALE



F LIGHTNING ARRESTOR
NO SCALE (TWO-WIRE SYSTEM)



TOP VIEW



TWO-WIRE SYSTEM

G TRENCH SECTION
NO SCALE

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Stamp

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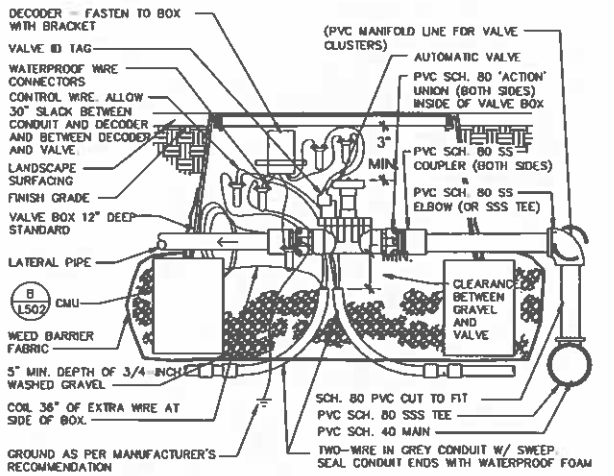
Revisions			
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Project Number	25-19
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Property Number	500-2087-240101101
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Sheet Title
IRRIGATION DETAILS

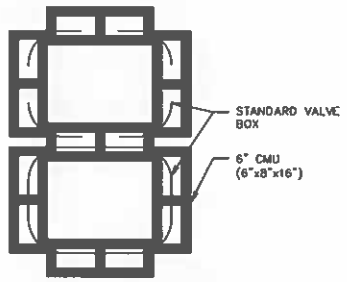
Sheet
I501

NOTES:
1. LIMIT 1 VALVE PER BOX.
2. 10" MIN. LATERAL LINE DEPTH AT VALVE BOX, 12" MIN. LATERAL LINE DEPTH EVERYWHERE ELSE.
3. PROVIDE MIN. 2" CLEARANCE BETWEEN CONDUIT AND CMU BLOCK.

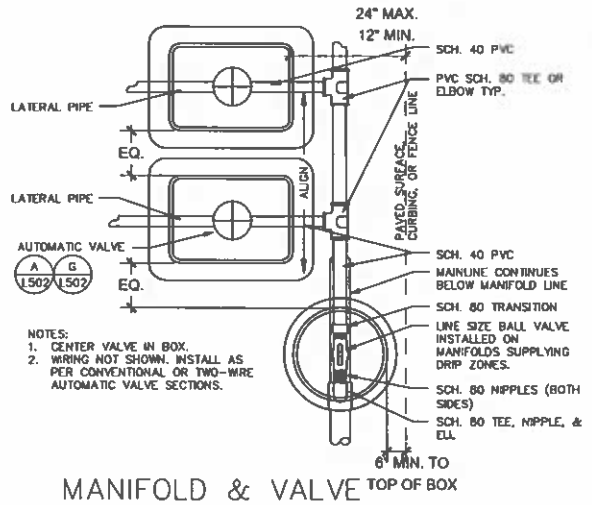


A AUTOMATIC VALVE WITH TWO-WIRE SYSTEM
NO SCALE

NOTES:
1. VALVE BOX TO REST ON (4) CMU BLOCKS (ONE FOR EACH SIDE).
2. CLUSTERED VALVE BOXES MAY SHARE A CMU BLOCK.



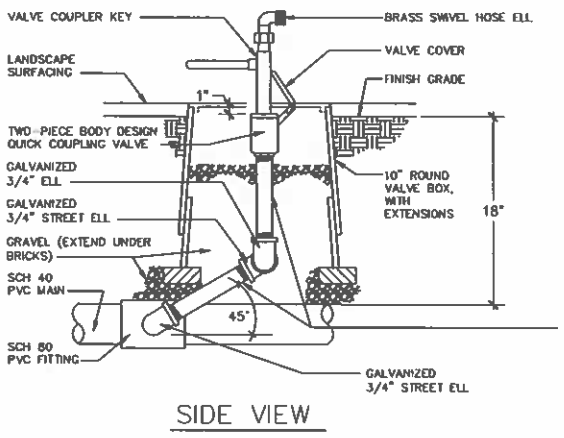
B CMU PLACEMENT
NO SCALE



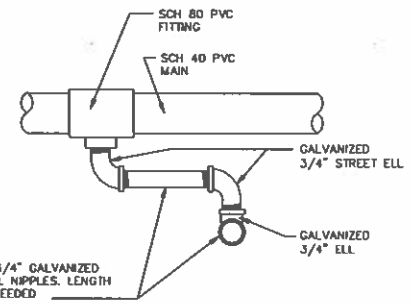
NOTES:
1. CENTER VALVE IN BOX.
2. WIRING NOT SHOWN. INSTALL AS PER CONVENTIONAL OR TWO-WIRE AUTOMATIC VALVE SECTIONS.

C MANIFOLD & VALVE ASSEMBLY
NO SCALE

USE AT VALVE CLUSTERS

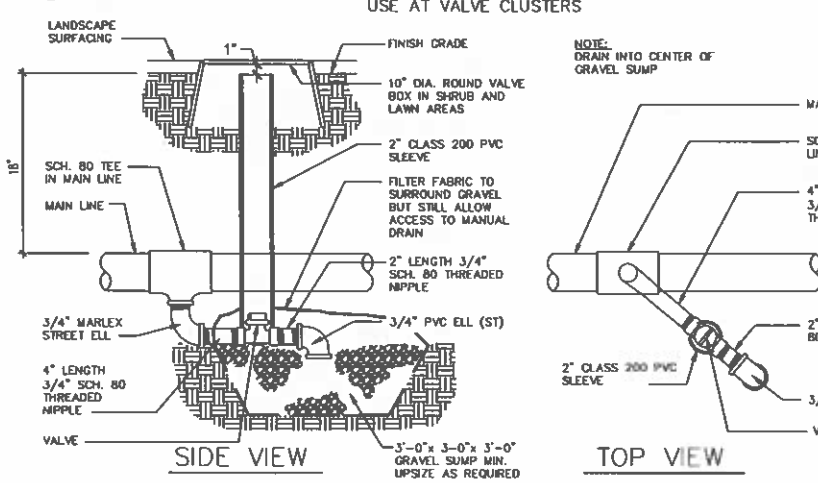


SIDE VIEW



TOP VIEW

D QUICK COUPLING VALVE
NO SCALE



SIDE VIEW

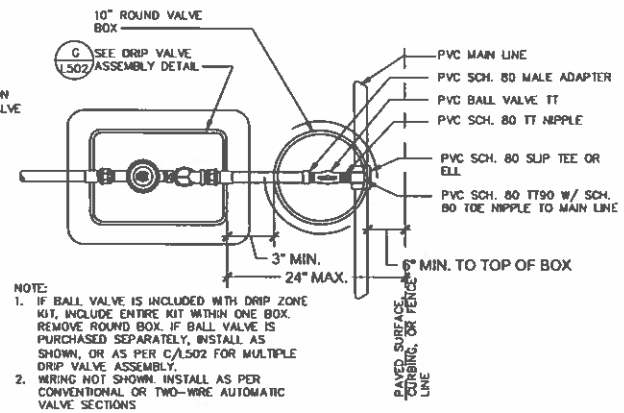
TOP VIEW

MAIN LINE
E MANUAL DRAIN VALVE
NO SCALE

USE ON MAINLINE AS DESCRIBED IN SPECIFICATIONS

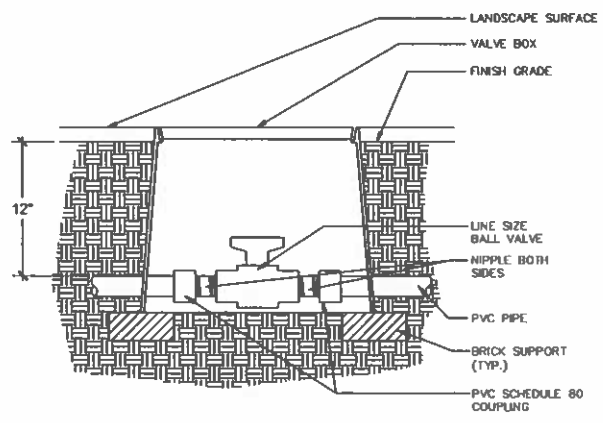
NOTES:
1. WATERPROOF WIRE CONNECTORS
2. VALVE ID TAG
3. AUTOMATIC VALVE
4. FILTER
5. LANDSCAPING SURFACING
6. FINISH GRADE
7. VALVE BOX 12" DEEP STANDARD
8. LATERAL LINE
9. B L502 CMU
10. WEED BARRIER FABRIC
11. 5" MIN. DEPTH OF 3/4-INCH WASHED GRAVEL
12. COIL 36" OF EXTRA WIRE AT SIDE OF BOX.
13. PVC SCH. 80 SS COUPLER (BOTH SIDES)
14. DECODER – FASTEN TO BOX WITH BRACKET
15. CONTROL WIRE. ALLOW 5'-0" SLACK/DECODER
16. 3" MIN.
17. PVC SCH. 80 "ACTION" UNION (BOTH SIDES) INSIDE OF VALVE BOX
18. CLEARANCE BETWEEN GRAVEL AND VALVE
19. 3" MIN.
20. FROM MANIFOLD OR BALL VALVE
21. GROUND AS PER MANUFACTURER'S RECOMMENDATION
22. TWO-WIRE IN GREY CONDUIT W/ SWEEP. SEAL CONDUIT ENDS WITH WATERPROOF FOAM

F DRIP VALVE ASSEMBLY–SECTION TWO WIRE SYSTEM
NO SCALE



NOTE:
1. IF BALL VALVE IS INCLUDED WITH DRIP ZONE KIT, INCLUDE ENTIRE KIT WITHIN ONE BOX. REMOVE ROUND BOX. IF BALL VALVE IS PURCHASED SEPARATELY, INSTALL AS SHOWN, OR AS PER C/L502 FOR MULTIPLE DRIP VALVE ASSEMBLY.
2. WIRING NOT SHOWN. INSTALL AS PER CONVENTIONAL OR TWO-WIRE AUTOMATIC VALVE SECTIONS

G DRIP VALVE ASSEMBLY
NO SCALE



H ISOLATION VALVE
NO SCALE

PKJ DESIGN GROUP
Landscape Architecture & Planning & Visualization
3450 N. TRIUMPH BLVD. SUITE 102
LEHI, UTAH 84043 (801) 995-2217

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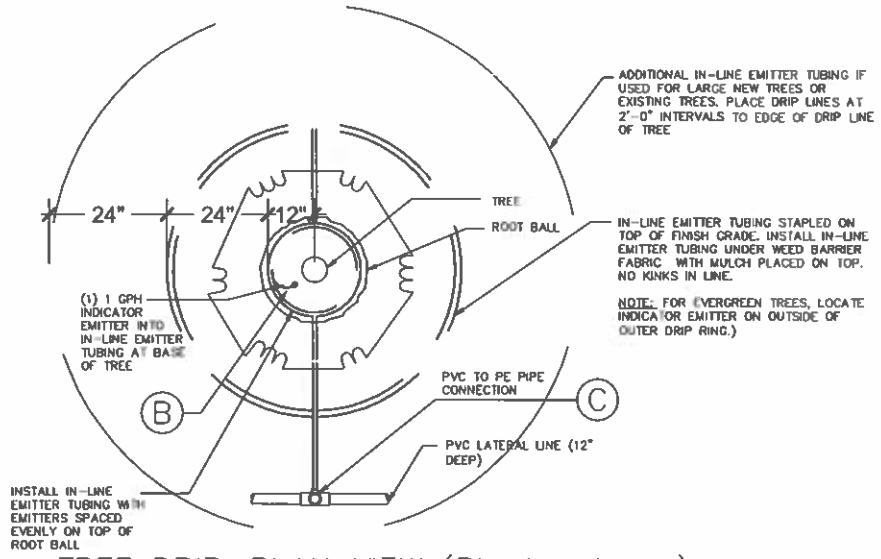
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GEORGE LANDSCAPE ARCHITECT
SCOTT EVANS
SCOTT EVANS
PROFESSIONAL NO. 6350
4/29/2026
REGISTERED
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 & Ivins UT Stake
Approximately 300 East 300 South
Ivins, Utah

Project for:
THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS

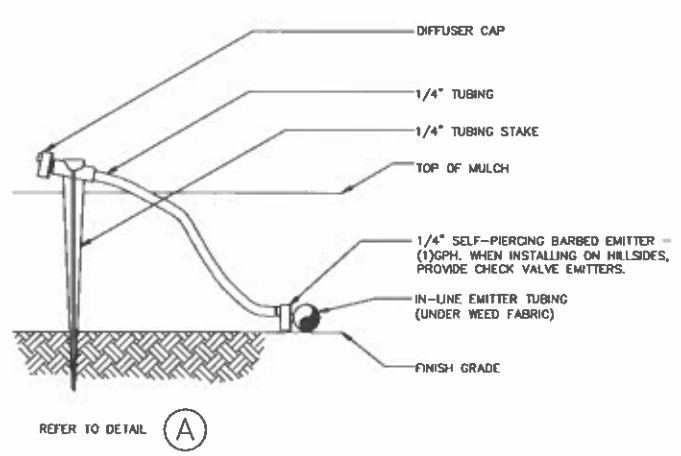
Revisions			
Mark	Date	Description	

Project Number: 25-19
Plan Series: Heritage 24
Property Number: 500-2087-24010101
Date: January 29, 2026
Sheet Title: IRRIGATION DETAILS
Sheet: I502



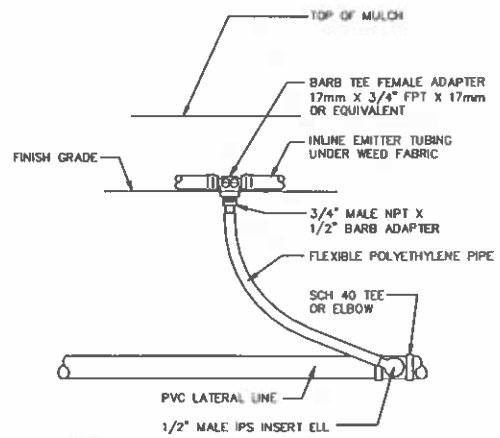
A TREE DRIP-PLAN VIEW (Planter Areas)
NO SCALE

NOTE: FITTINGS TO INLINE DRIP TUBING TO BE INSERT FITTINGS. USE OETICKER CLAMPS FOR NON-NETAFIM FITTINGS.



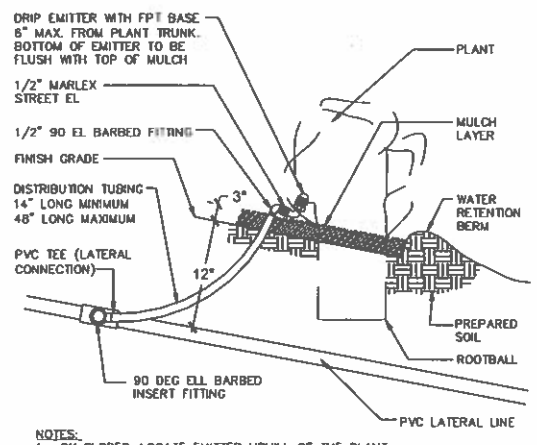
NOTE:
1. CONNECT SELF-PIERCING EMITTER DIRECTLY INTO IN-LINE EMITTER TUBING.
2. THIS IS AN INDICATOR ONLY EMITTER TO BE USED AT EACH TREE RING AND AREA WHERE IN-LINE EMITTER TUBING IS INSTALLED.
3. 1/4" TUBING LENGTH: MINIMUM 14", MAXIMUM 24".

B INDICATOR EMITTER
NO SCALE



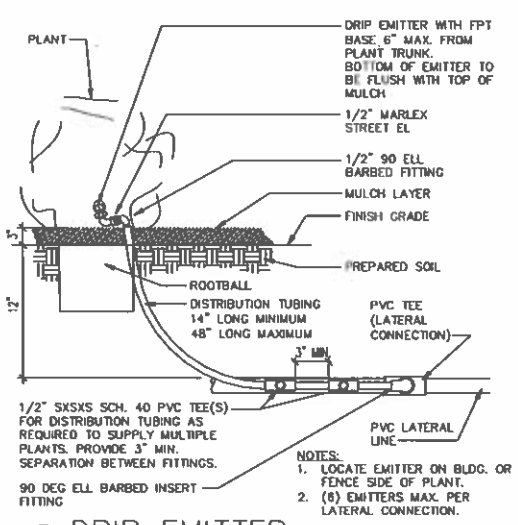
NOTE:
1. USE AT TREE RINGS AND AS CONNECTION FROM SUPPLY AND EXHAUST HEADERS.
2. DO NOT EXCEED (3) GPM FLOW THROUGH SINGLE CONNECTION.

C PVC TO IN-LINE EMITTER
NO SCALE



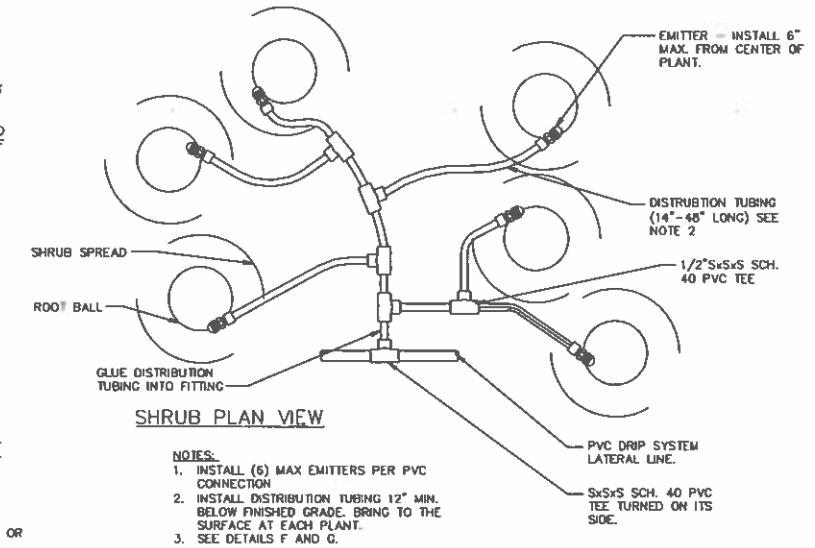
NOTES:
1. ON SLOPES, LOCATE EMITTER UPHILL OF THE PLANT.
2. SEE H/L504 FOR MULTIPLE EMITTER CONNECTIONS.
3. PROVIDE WITH CHECK VALVE TO ELIMINATE LOW HEAD DRAINAGE.

D DRIP EMITTER
NO SCALE



NOTES:
1. LOCATE EMITTER ON BLDG. OR FENCE SIDE OF PLANT.
2. (6) EMITTERS MAX. PER LATERAL CONNECTION.

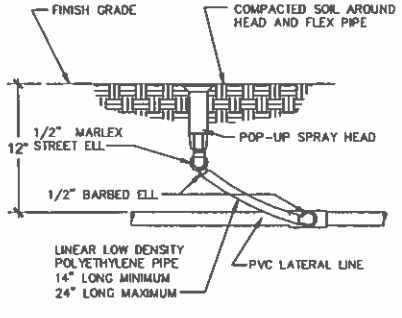
E DRIP EMITTER
1 1/2" = 1'-0"



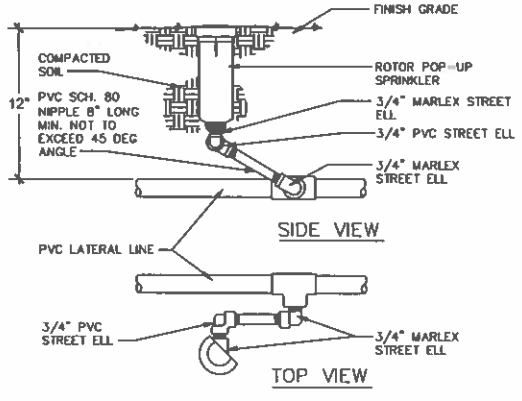
SHRUB PLAN VIEW

NOTES:
1. INSTALL (6) MAX EMITTERS PER PVC CONNECTION
2. INSTALL DISTRIBUTION TUBING 12" MIN. BELOW FINISHED GRADE. BRING TO THE SURFACE AT EACH PLANT.
3. SEE DETAILS F AND G.

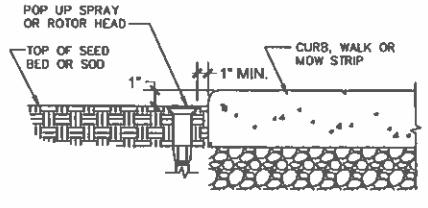
F TYPICAL DRIP EMITTER PLAN
1 1/2" = 1'-0"



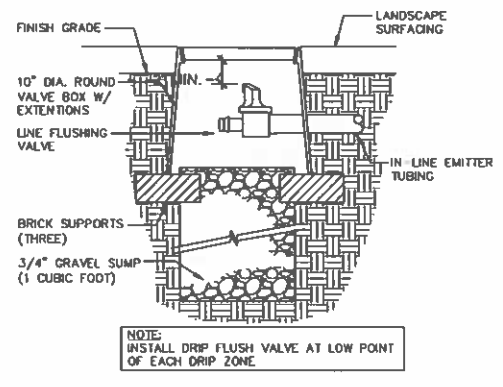
SPRAY AND ROTARY HEAD ASSEMBLY
NO SCALE



G ROTOR POP-UP HEAD
NO SCALE



H SPRAY HEAD OR ROTOR NEXT TO CURB OR WALK
NO SCALE



NOTE:
INSTALL DRIP FLUSH VALVE AT LOW POINT OF EACH DRIP ZONE

I IN-LINE DRIP FLUSH VALVE
NO SCALE

evans + associates architecture
11578 south state street, suite 103b, draper, utah 84020
phone 801-466-8472
fax 801-466-8473

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LICENSED LANDSCAPE ARCHITECT
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6009010
EXPIRES JUNE 30, 2026
STATE OF UTAH

A New Meetinghouse for:
Ivins 8 &
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Approximately 300 East 200 South
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