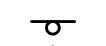
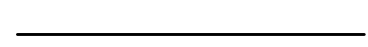
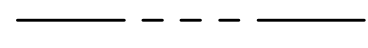
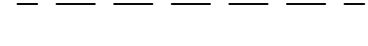
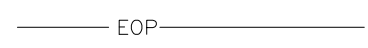
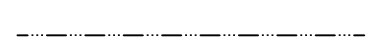
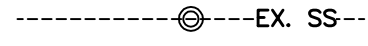
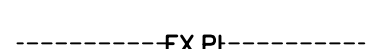
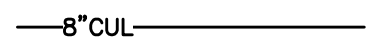
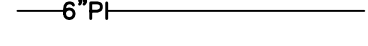


CORTLAND PARK PHASE 1
A RESIDENTIAL SUBDIVISION
SANTAQUIN, UTAH COUNTY, UTAH
FINAL PLAN SET
JULY 2023

-SHEET INDEX-
SHEET NAME

LEGEND	
LEGEND APPLIES TO ALL SHEETS	
	SECTION CORNER
	EXISTING VALVE
	EXISTING POWER POLE
	PROPOSED STREET LIGHT
	PROPOSED FIRE HYDRANT
	EXISTING SIGN
	EXISTING STREET SIGN
	PROPERTY BOUNDARY
	CENTERLINE
	RIGHT-OF-WAY LINE
	LOT LINE
	SECTION LINE
	BUILDING SETBACK
	EASEMENT
	EXISTING DEED LINE
	EDGE OF PAVEMENT
	EXISTING OVER HEAD POWER
	EXISTING GAS
	EXISTING FENCE LINE
	EXISTING DITCH
	EXISTING SANITARY SEWER W/MANHOLE
	PROPOSED IRRIGATION LINE
	EXISTING CULINARY WATERLINE
	EXISTING PRESSURIZED IRRIGATION
	PROPOSED CULINARY WATERLINE
	PROPOSED PRESSURIZED IRRIGATION
	PROPOSED SEWER LINE

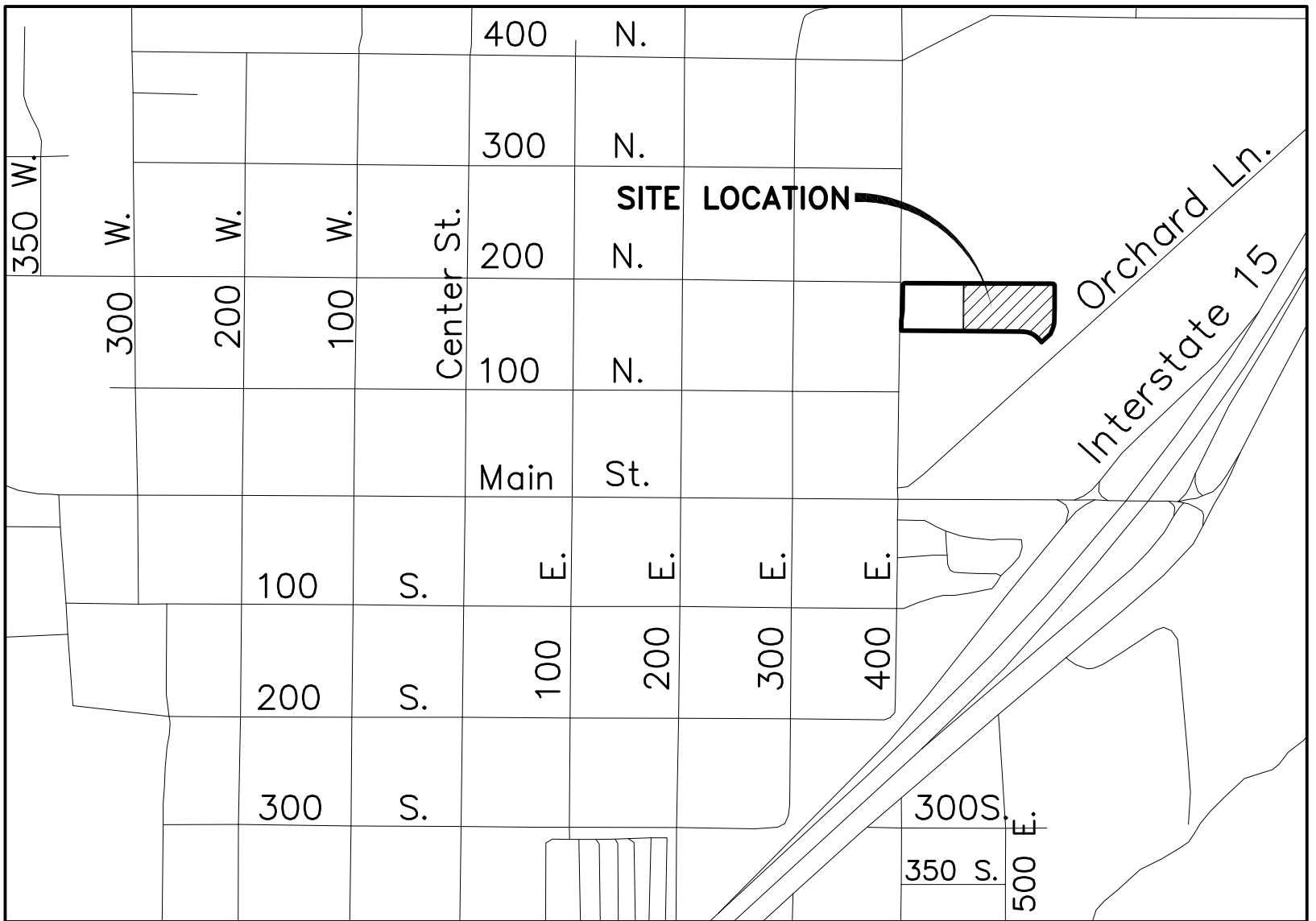
SHEET	SHEET NAME	
1	COVER & INDEX	
2	FINAL PLAT	
3	UTILITY PLAN	
4	EXISTING TOPOGRAPHY	
5	GRADING PLAN	
6	FIRE ACCESS	
7	TBC PLAN	
8	PHASING PLAN	
9	STAGING PLAN	
10	ILLUMINATION PLAN	
PP-01	200 NORTH – STREET PLAN & PROFILE	– STA. 14+50 TO STA. 18+00
PP-02	200 NORTH – STREET PLAN & PROFILE	– STA. 18+00 TO STA. 20+00
PP-03	500 SOUTH – STREET PLAN & PROFILE	– STA. 10+00 TO STA. 14+00
PP-04	200 NORTH – STREET PLAN & PROFILE	– STA. 11+00 TO STA. 14+50
DT-01	DETAIL SHEET	
DT-02	DETAIL SHEET	

OWNER/DEVELOPER
BRY CHRISTENSEN
BRY@CLCHRISTENSEN.COM
801-269-1110

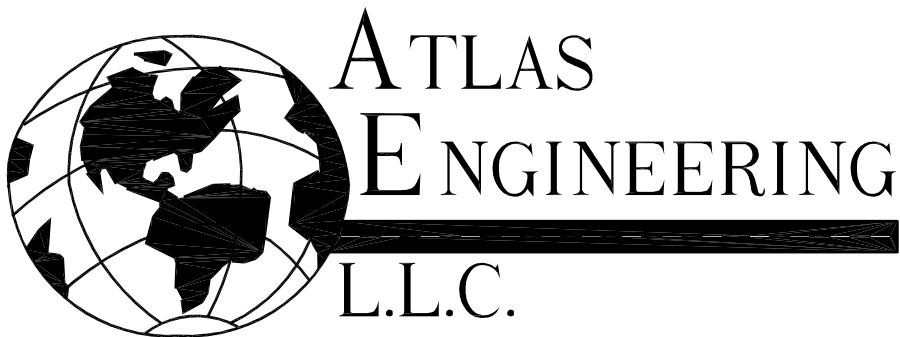


DATA TABLE:
ZONING CLASSIFICATION= MSR
OF LOTS= 54
TOTAL ACREAGE= 3.09

NOTES TO DEVELOPERS AND GENERAL CONTRACTORS:
1. IT IS IMPORTANT FOR THE DEVELOPER AND THE GENERAL CONTRACTOR TO UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THE DEVELOPMENT PLANS ARE NOT ALL INCLUSIVE OF ALL MINIMUM CODES, ORDINANCES AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.
2. ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDING AND SITE IMPROVEMENTS.



VICINITY MAP
-NTS-



PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N STE A
SPANISH FORK, UT 84660

NORTH 1/4
CORNER OF
SECTION 1,
T10S, R1E,
SLB&M.

NORTHEAST CORNER OF
SECTION 1, T10S, R1E,
SLB&M.

200 NORTH

BASIS OF BEARING

N00°30'42"W

35.61'

WEST

323.51'

POB

10' P.U.E. TYP.
DRAINAGE EASEMENT
TO SANTAQUIN CITY

S89°46'13"E 197.19'
DRAINAGE EASEMENT TO
SANTAQUIN CITY TO BE
PROVIDED WITH CONSTRUCTION

BUILDING 1
488 EAST
12 UNITS

DRAINAGE EASEMENT
TO SANTAQUIN CITY
TO BE PROVIDED
WITH CONSTRUCTION

15' FIRE LINE EASEMENT
TO SANTAQUIN CITY

15' FIRE LINE EASEMENT
TO SANTAQUIN CITY

S17°08'35"W
14.53'

N89°46'13"W 70.34'

N89°34'58"W 83.43'

10' P.U.E. TYP.

500 EAST

71.36'

S00°13'47"W

10' P.U.E. TYP.

ENGINEER CONTACT INFO:
ATLAS ENGINEERING
PHONE: 801-655-0566
FAX: 801-655-0109
948 E. 800 N. SUITE A
SPANISH FORK, UT 84606

OWNER/DEVELOPER
BRY CHRISTENSEN
BRY@CLCHRISTENSEN.COM
801-269-1110

2 10 20 40 60

(24"x36")
SCALE 1" = 20'
(11"x17")
SCALE 1" = 40'

LEGEND



FOUND BRASS CAP



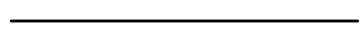
SET 5/8" IRON PIN



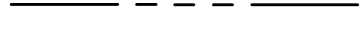
CALCULATED POINT, NOT SET



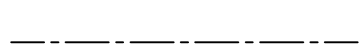
SET CURB PIN



PROPERTY BOUNDARY



RIGHT-OF-WAY LINE



LOT LINE



SECTION LINE



EASEMENT



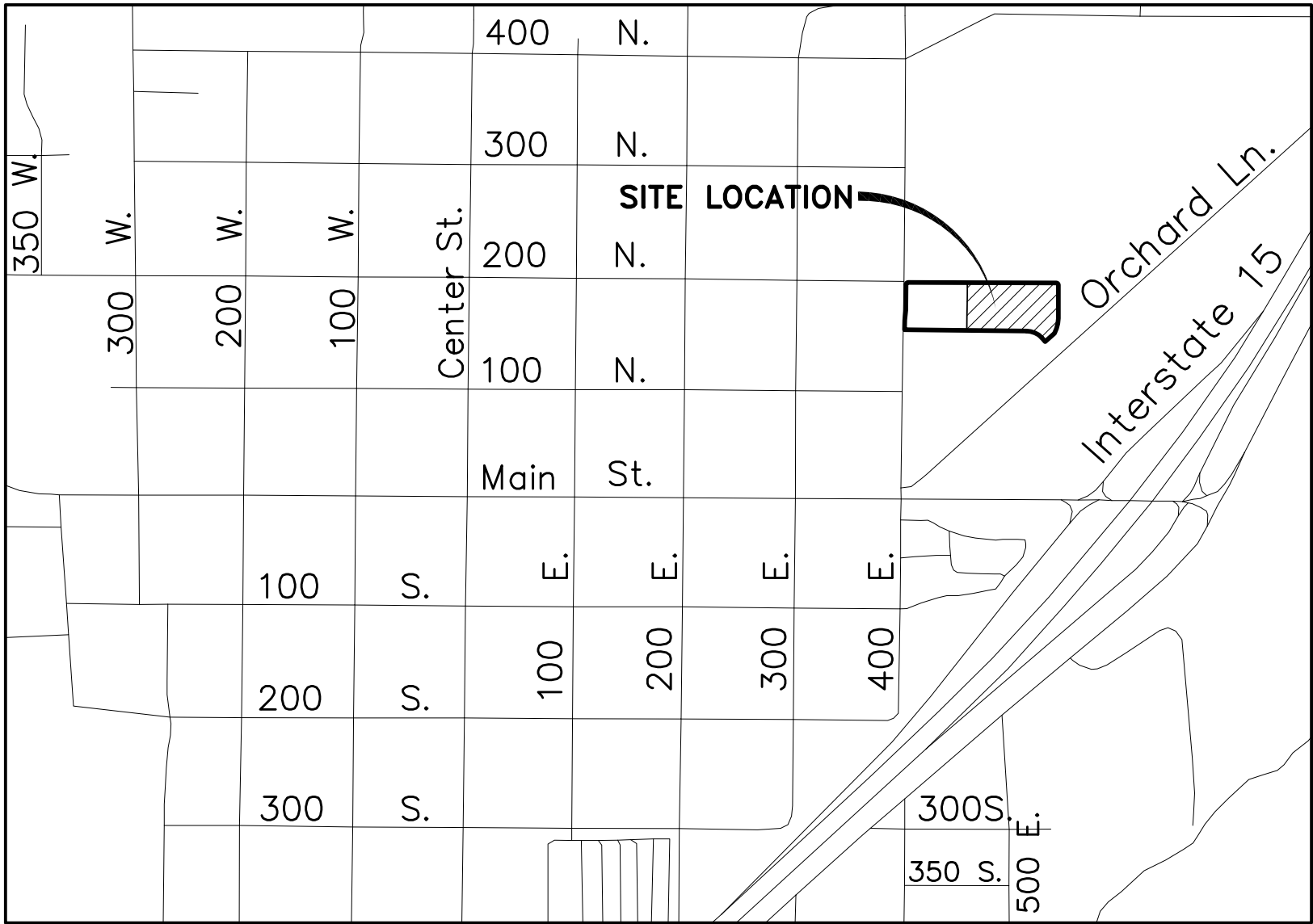
CENTERLINE

1

PROPOSED LOT NUMBERS

XXX X

ADDRESSES



VICINITY MAP
-NTS-

CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD DIST.	CHORD BRG.
C1	115.00	94.95	92.28	N 65°49'52" W 47°18'24"

BOUNDARY DESCRIPTION:

BEGINNING AT THE NORTH 1/4 CORNER OF SECTION 12, TOWNSHIP 10 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN; THENCE S00°30'42"E 35.61 FEET AND EAST 323.51 FEET; THENCE S89°46'13"E 197.19 FEET; THENCE SOUTHEASTERLY 94.95 FEET ALONG THE ARC OF A 115.00 FOOT RADIUS CURVE TO THE RIGHT THROUGH THE CENTRAL ANGLE 47°18'24" THE CHORD BEARS S65°49'52"E 92.28 FEET; THENCE S00°13'47"W 71.36 FEET; THENCE N89°46'13"W 70.34 FEET; THENCE S17°08'35"W 14.53 FEET; THENCE N89°34'58"W 83.43 FEET; THENCE S00°25'02"W 88.37 FEET; THENCE N89°34'58"W 51.50 FEET; THENCE N00°24'44"E 185.18 FEET TO THE POINT OF BEGINNING. CONTAINING 0.55 ACRES.

DOMINION ENERGY COMPANY

DOMINION ENERGY APPROVES THIS PLAT SOLELY FOR THE PURPOSE OF CONFIRMING THAT THE PLAT CONTAINS PUBLIC UTILITY EASEMENTS. DOMINION ENERGY MAY REQUIRE OTHER EASEMENTS IN ORDER TO SERVE THIS DEVELOPMENT. THIS APPROVAL DOES NOT CONSTITUTE ABROGATION OR WAIVER OF ANY OTHER EXISTING RIGHTS, OBLIGATIONS OR LIABILITIES PROVIDED BY LAW OR EQUITY. THIS APPROVAL DOES NOT CONSTITUTE ACCEPTANCE, APPROVAL OR ACKNOWLEDGEMENT OF ANY TERMS CONTAINED IN THE PLAT, INCLUDING THOSE SET FORTH IN THE OWNERS DEDICATION AND THE NOTES AND DOES NOT CONSTITUTE A GUARENTEE OF PARTICULAR TERMS OF NATURAL GAS SERVICE. FOR FURTHER INFORMATION PLEASE CONTACT DOMINION ENERGY'S RIGHT-OF-WAY DEPARTMENT AT 1-800-366-8532.

APPROVED

DOMINION ENERGY REPRESENTATIVE

ROCKY MOUNTAIN POWER APPROVAL

APPROVED THIS ____DAY OF ____, A.D. 2023.

ROCKY MOUNTAIN POWER REPRESENTATIVE

CENTURYLINK APPROVAL

APPROVED THIS ____DAY OF ____, A.D. 2023.

CENTURYLINK REPRESENTATIVE

CENTRACOM APPROVAL

APPROVED THIS ____DAY OF ____, A.D. 2023.

CENTRACOM REPRESENTATIVE

SURVEYOR'S CERTIFICATE

I, DAVID F. HUNT DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, AND THAT I HOLD CERTIFICATE NO. 5243543 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY BY AUTHORITY OF THE OWNERS, I HAVE MADE A SURVEY OF SAID TRACT OF LAND SHOWN ON THIS PLAT AND DESCRIBED BELOW, AND HAVE SUBDIVIDED SAID TRACT OF LAND INTO LOTS, STREETS, AND EASEMENTS AND THAT THE SAME HAS BEEN CORRECTLY SURVEYED AND STAKED ON THE GROUND AS SHOWN ON THIS PLAT AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SURVEYOR

DATE

BOUNDARY DESCRIPTION

SEE DESCRIPTION TO THE LEFT.

OWNER'S DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT WE, ALL OF THE UNDERSIGNED OWNERS OF ALL THE PROPERTY DESCRIBED IN THE SURVEYOR'S CERTIFICATE HEREON AND SHOWN ON THIS MAP, HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO LOTS, STREETS, AND EASEMENTS AND DO HEREBY DEDICATE THE STREETS AND OTHER PUBLIC AREAS AS INDICATED HEREON FOR PERPETUAL USE OF THE PUBLIC.

IN WITNESS WHEREOF WE HAVE HEREUNTO SET OUR HANDS THIS ____ DAY OF ____, A.D. 2023.

ACKNOWLEDGMENT

STATE OF UTAH
COUNTY OF UTAH

ON THE ____DAY OF ____, IN THE YEAR 2023, PERSONALLY APPEARED BEFORE ME ____, WHOSE IDENTITY IS PERSONALLY KNOWN OR PROVEN TO ME AND WHO BY ME DULY SWORN/AFFIRMED, DID SAY THAT THEY ARE THE ____ OF ____ AND THAT SAID DOCUMENT WAS SIGNED BY THEM ON BEHALF OF SAID ____ BY AUTHORITY OF ITS BYLAWS, OR RESOLUTION OF ITS BOARD OF DIRECTORS, AND SAID ____ ACKNOWLEDGED TO ME THAT SAID ____ EXECUTED THE SAME.

A NOTARY PUBLIC COMMISSIONED IN THE STATE OF UTAH

COMMISSION NUMBER/ EXPIRES NOTARY PUBLIC PRINTED NAME

ACCEPTANCE BY LEGISLATIVE BODY

THE CITY COUNCIL OF SANTAQUIN CITY, COUNTY OF UTAH, APPROVES THIS SUBDIVISION AND HEREBY ACCEPTS THE DEDICATION OF ALL STREETS, EASEMENTS, AND OTHER PARCELS OF LAND INTENDED FOR PUBLIC PURPOSES FOR THE PERPETUAL USE OF THE PUBLIC THIS ____DAY OF ____, A.D. 2023.

APPROVED BY MAYOR

APPROVED ATTEST
ENGINEER (SEE SEAL) CLERK-RECORDER

CORTLAND PARK
PHASE 1A

SANTAQUIN CITY, UTAH COUNTY, UTAH

CONTAINING 0.55 ACRES AND 12 UNITS

LOCATED IN THE NORTHWEST CORNER OF SECTION 1, TOWNSHIP 10 SOUTH RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN, UTAH COUNTY, UTAH.

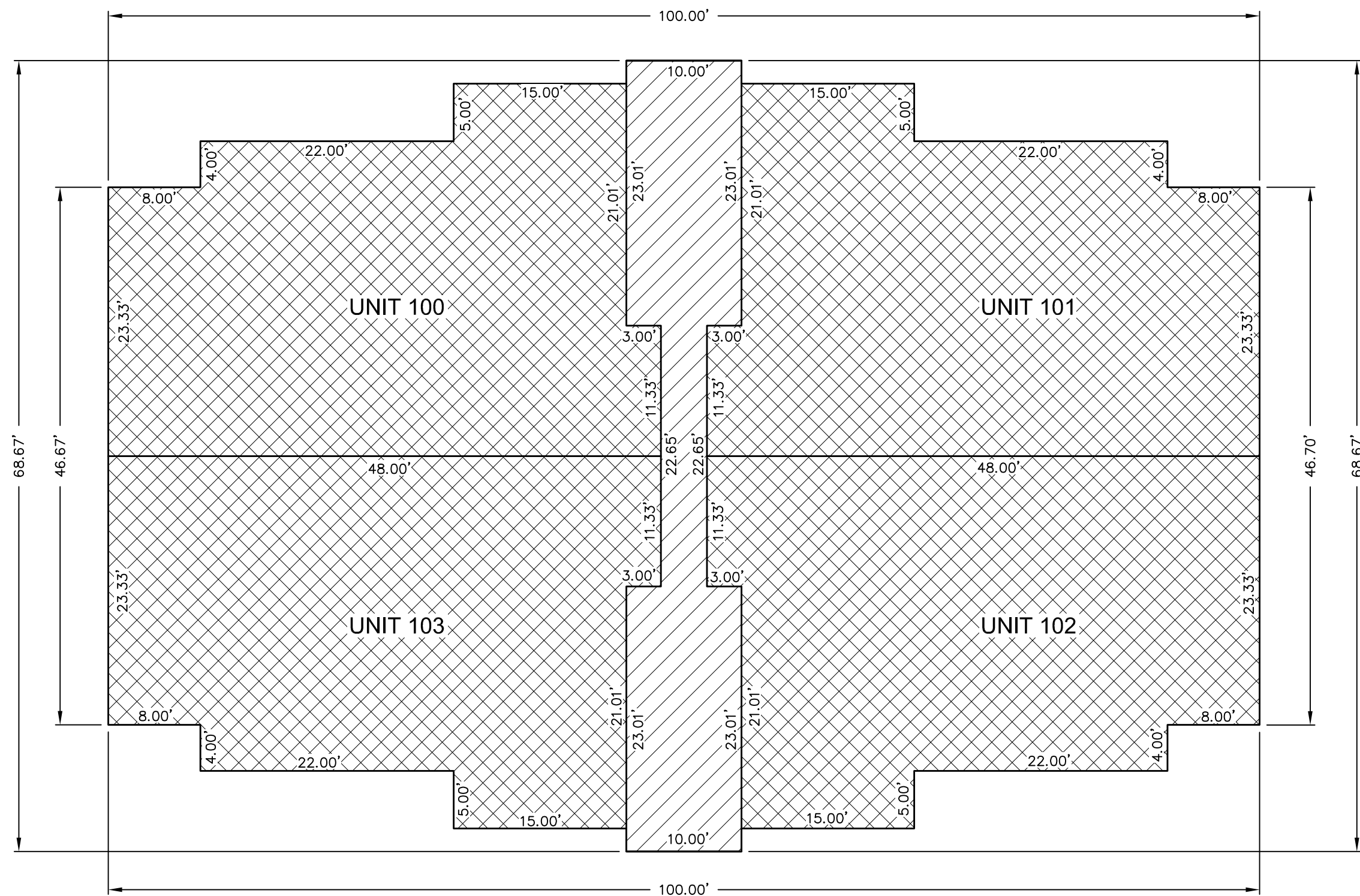
SHEET 1 OF 3

SURVEYOR'S SEAL

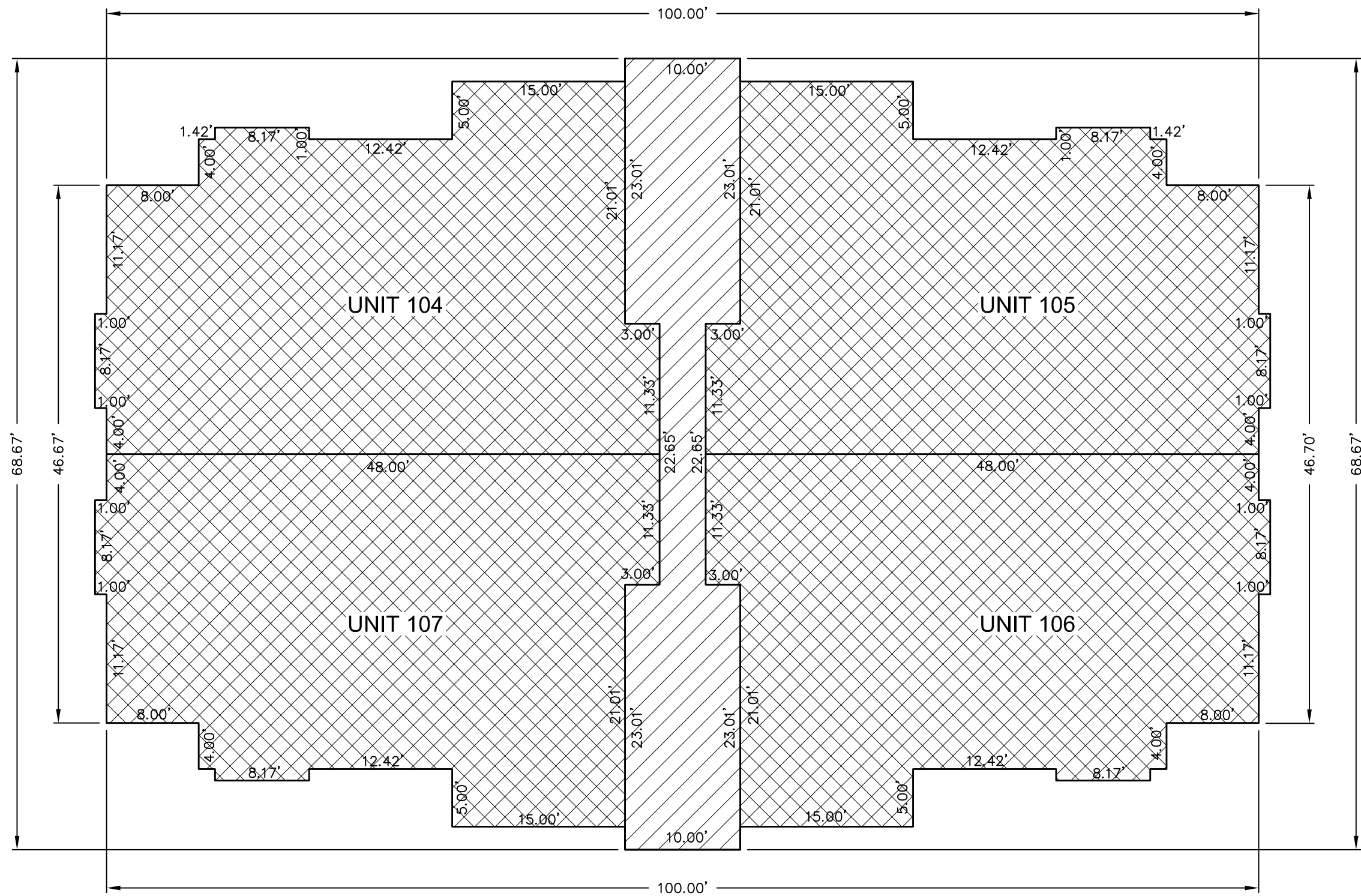
NOTARY PUBLIC
SEAL

CITY ENGINEER
SEAL

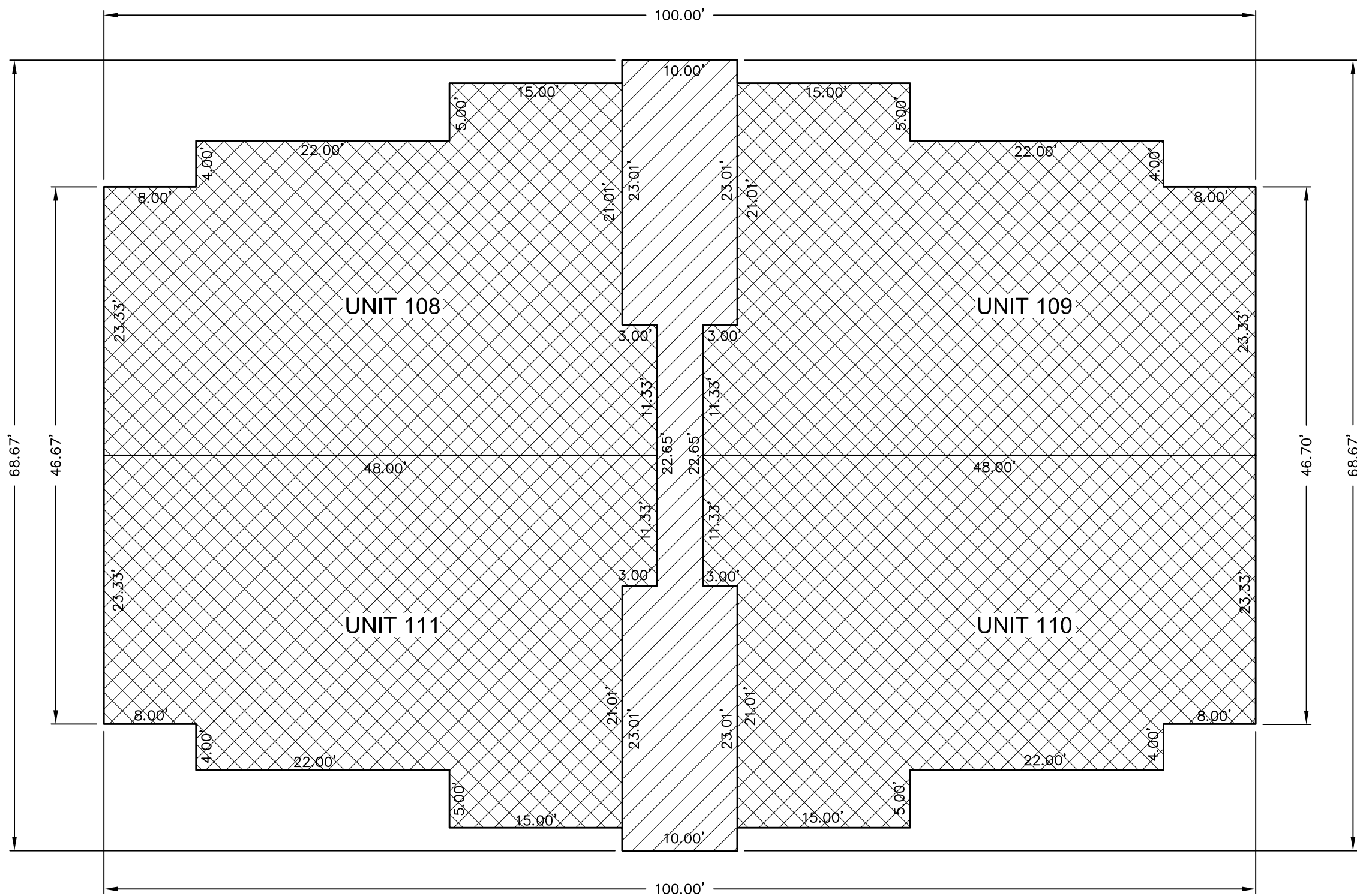
CLERK-RECORDER
SEAL



MAIN FLOOR



SECOND FLOOR



THIRD FLOOR

LEGEND

PRIVATE OWNERSHIP

LIMITED COMMON AREA

0 2 5 10 20 30

(24"x36")
SCALE 1" = 10'

(11"x17")
SCALE 1" = 20'

NO.	REVISIONS	BY	DATE
12			
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**CORTLAND PARK
ATLAS
ENGINEERING
L.L.C.**

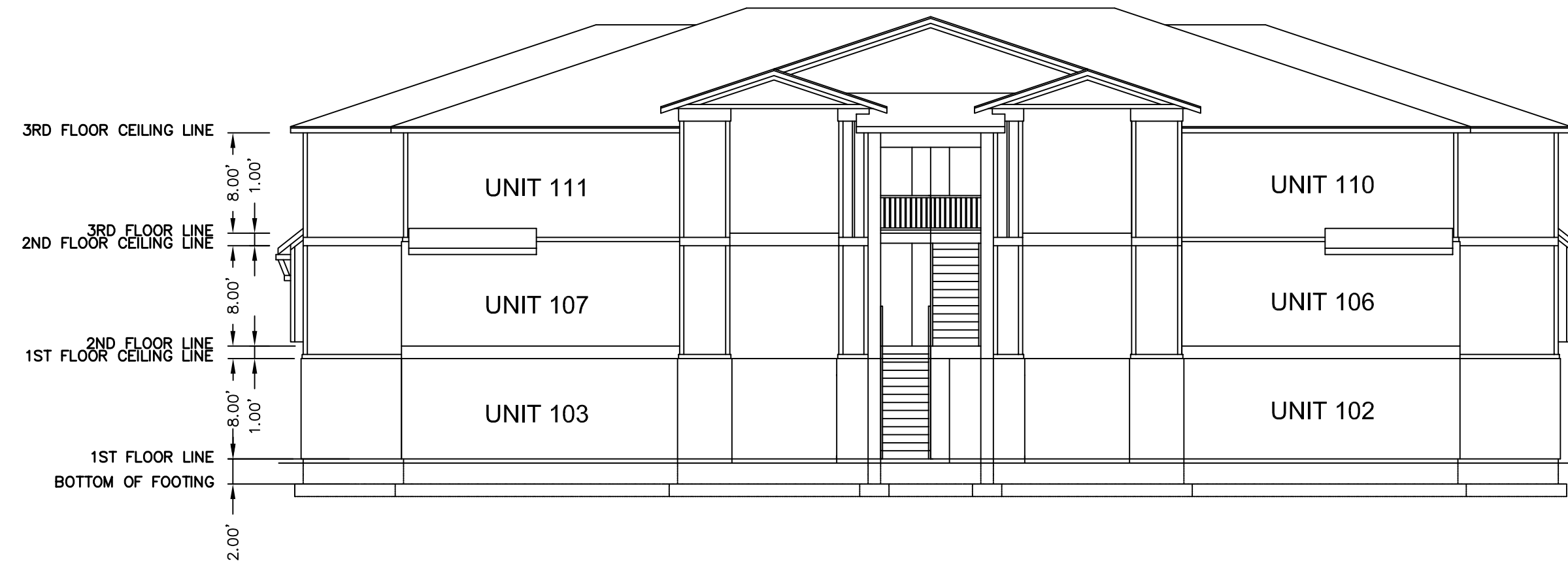
PHASE 1A

PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

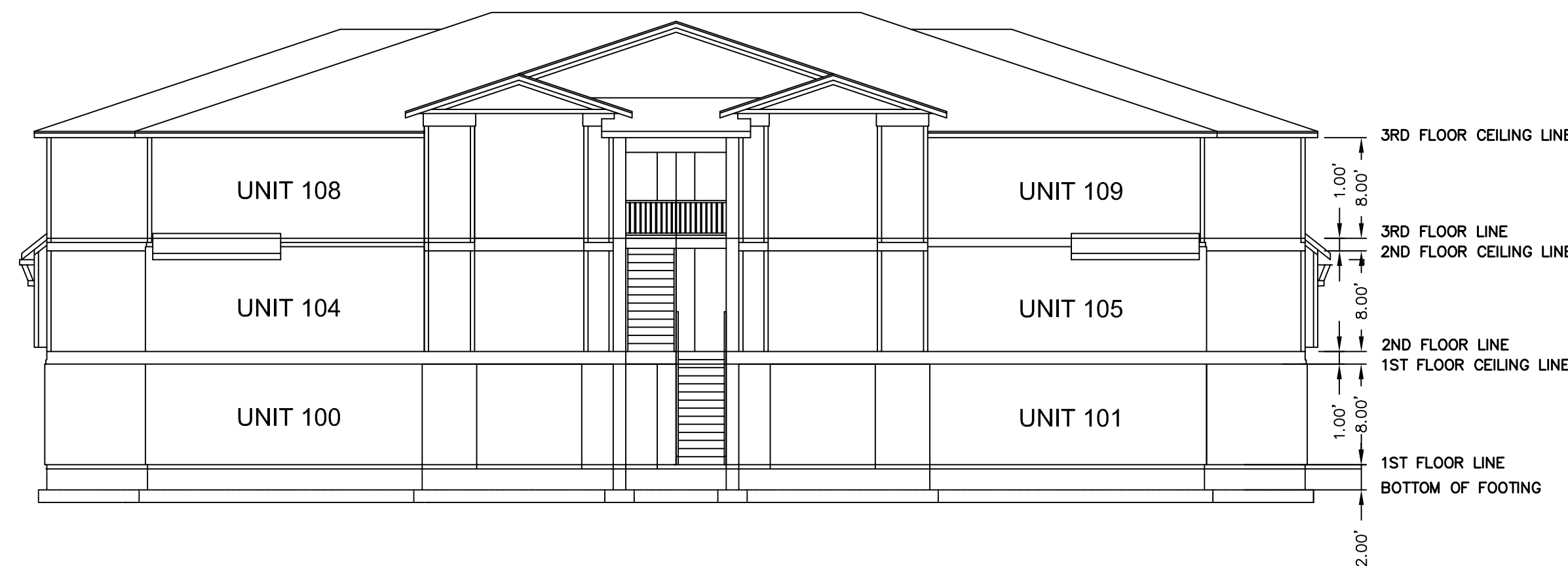
BUILDING DETAILS

SANTAQUIN, UTAH

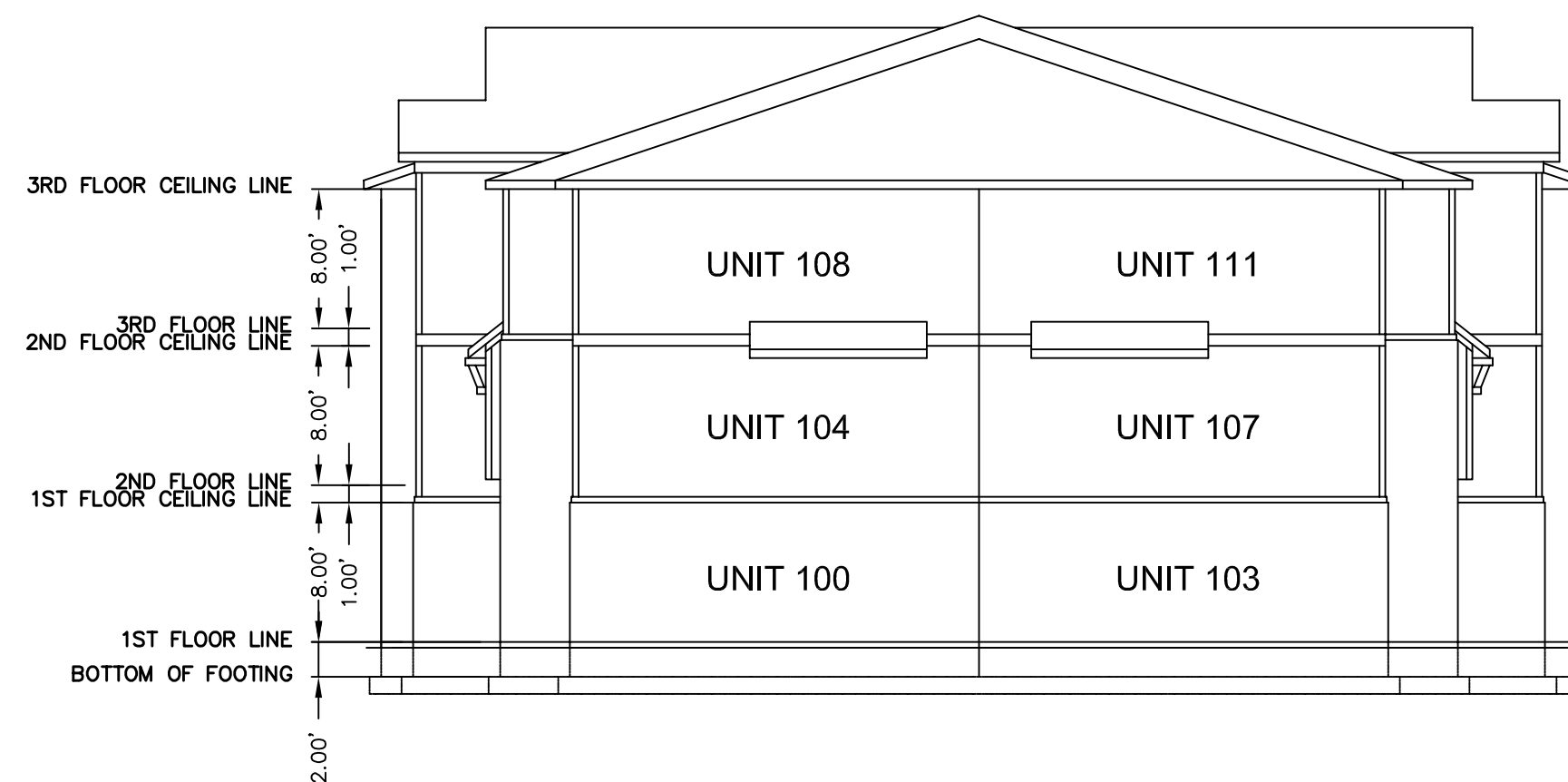
**SHEET
2 OF 3**



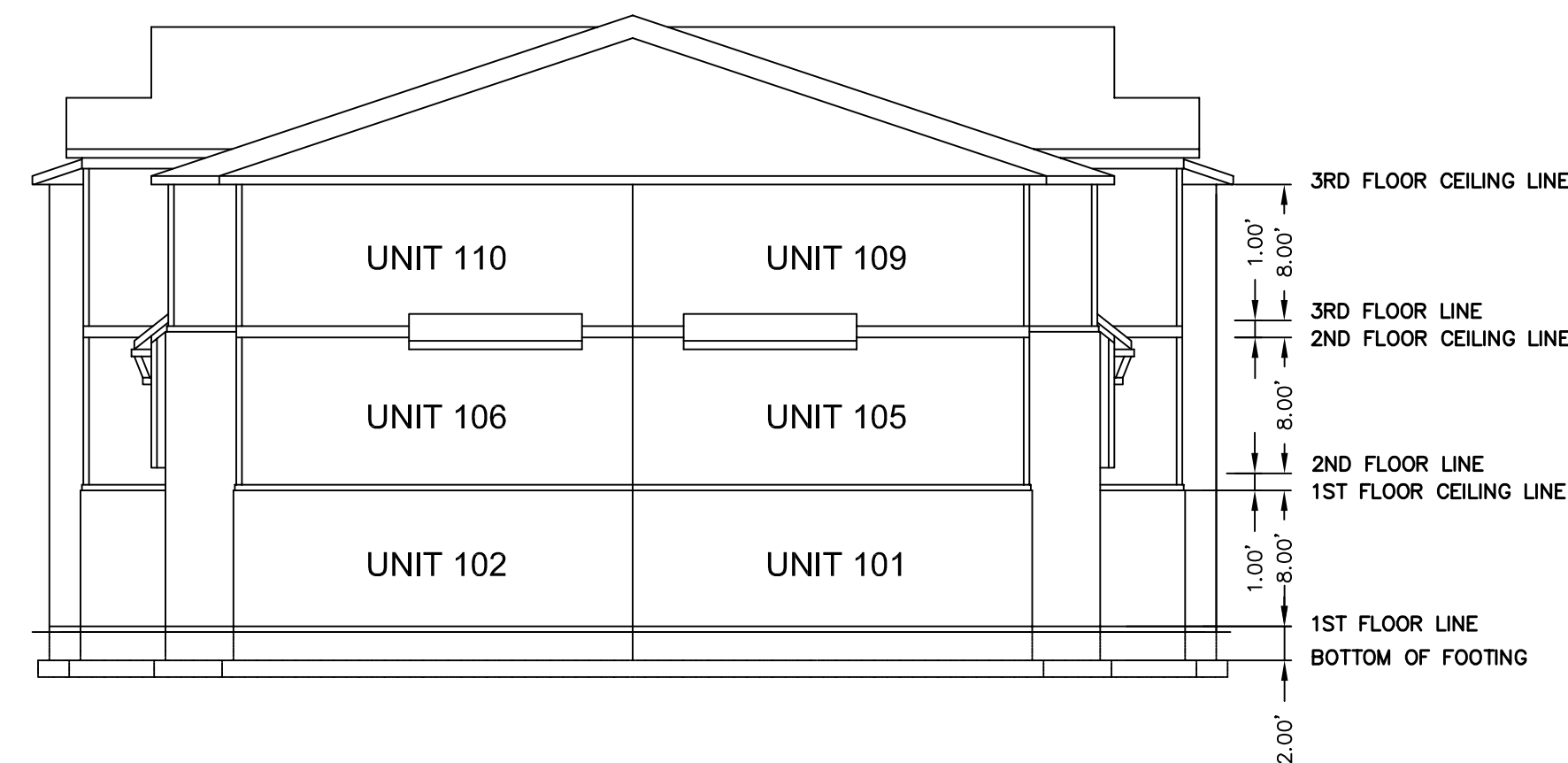
REAR ELEVATION



FRONT ELEVATION



RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION



(24"x36")
SCALE 1" = 10'
(11"x17")
SCALE 1" = 20'

NO.	REVISIONS	BY	DATE
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2/20/2019 02:02 Cortland Park Santaquin CAD/FINAL PHASE 1A2- FINAL PLAT RECOVER.MXD 7/7/2023 4:07:06 PM JDT

**CORTLAND PARK
ATLAS
ENGINEERING
L.L.C.**

PHASE 1A

PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

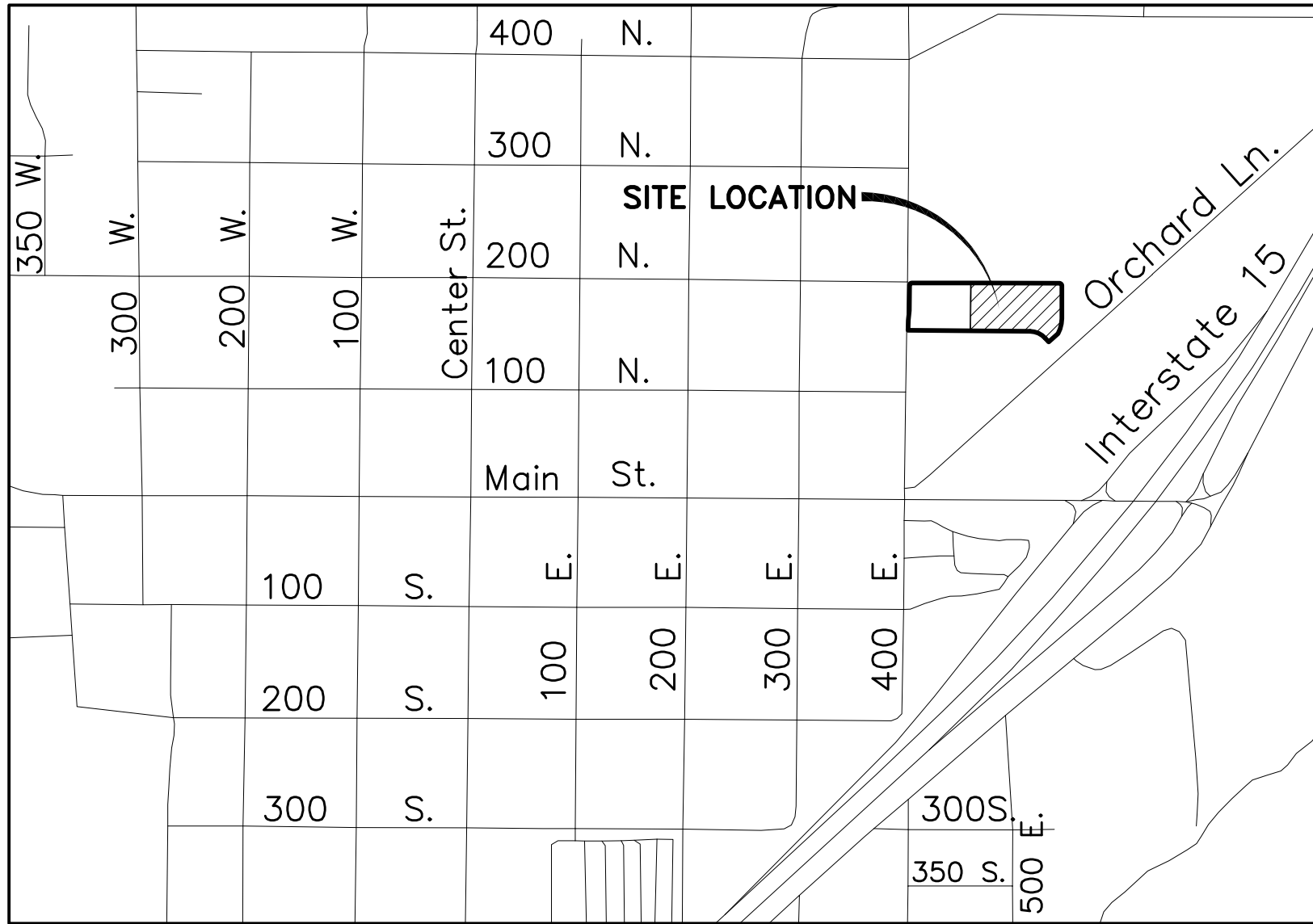
BUILDING DETAILS

SANTAQUIN, UTAH

**SHEET
3 OF 3**

CONSTRUCTION NOTES:

- 1 LOCATE AND TIE TO EXISTING CULINARY WATERLINE.
- 2 LOCATE AND TIE TO EXISTING PRESSURIZED IRRIGATION LINE.
- 3 LOCATE AND TIE TO EXISTING SEWER LINE.
- 4 CAP/PLUG AND MARK TO SURFACE.
- 5 HIGH PRESSURE GAS LINE. USE EXTREME CAUTION.
- 6 INSTALL 6" MASONRY FENCE.
- 7 INSTALL 4"-6" RETAINING WALL, WALLS TO BE DESIGNED, DRAWN AND STAMPED BY AN ENGINEER.
- 8 MATCH EXISTING CURB.
- 9 INSTALL FIRE HYDRANT ASSEMBLY PER SANTAQUIN CITY STANDARDS.
- 10 INSTALL DUMPSTER PER SHEET 6.
- 11 CONST. PEDESTRIAN ACCESS RAMP PER SANTAQUIN CITY STANDARDS.
- 12 INSTALL STOP SIGN PER SANTAQUIN CITY STANDARDS.
- 13 INSTALL STREET LIGHT PER SANTAQUIN CITY STANDARDS.



ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDING AND SITE IMPROVEMENTS.

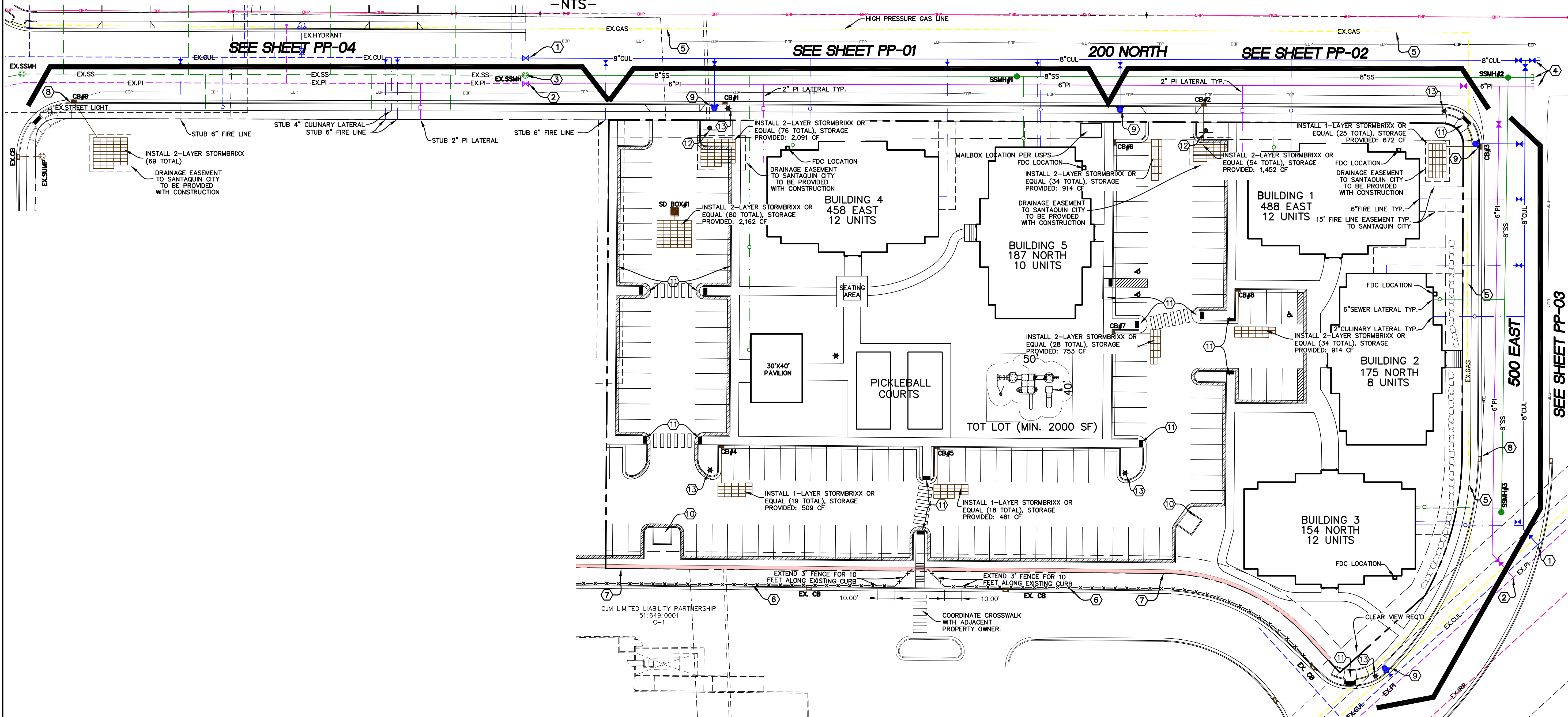
THE DEVELOPER AND THE GENERAL CONTRACTOR UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.

GENERAL NOTE:

- 1) DUE TO THE EXTENSIVE ROADWAY EXCAVATION A 2 INCH OVERLAY WILL BE REQUIRED ON 200 NORTH AND 500 EAST.
- 2) CURB TO BE PAINTED RED ALONG ALL FRONTAGE ROADS WITH THE EXCEPTION OF YELLOW CURB AT THE MAILBOXES FOR ACCESS.
- 3) PEDESTRIAN WALKWAYS ACROSS INTERNAL DRIVE AISLES SHALL BE DISTINGUISHED FROM DRIVING SURFACES WITH DURABLE, LOW MAINTENANCE MATERIALS. EXAMPLES INCLUDE: PAVERS, BRICKS, SCORED CONCRETE, RAISED WALKWAYS, OR OTHER MATERIALS THAT PROVIDE A SIMILAR TEXTURE AND CHARACTER.

(24"x36")
SCALE 1" = 30'
(11"x17")
SCALE 1" = 60'

VICINITY MAP
-NTS-



SHEET NO.

3

SITE PLAN

SANTAQUIN, UTAH

CORTLAND PARK

PHASE 1

ATLAS

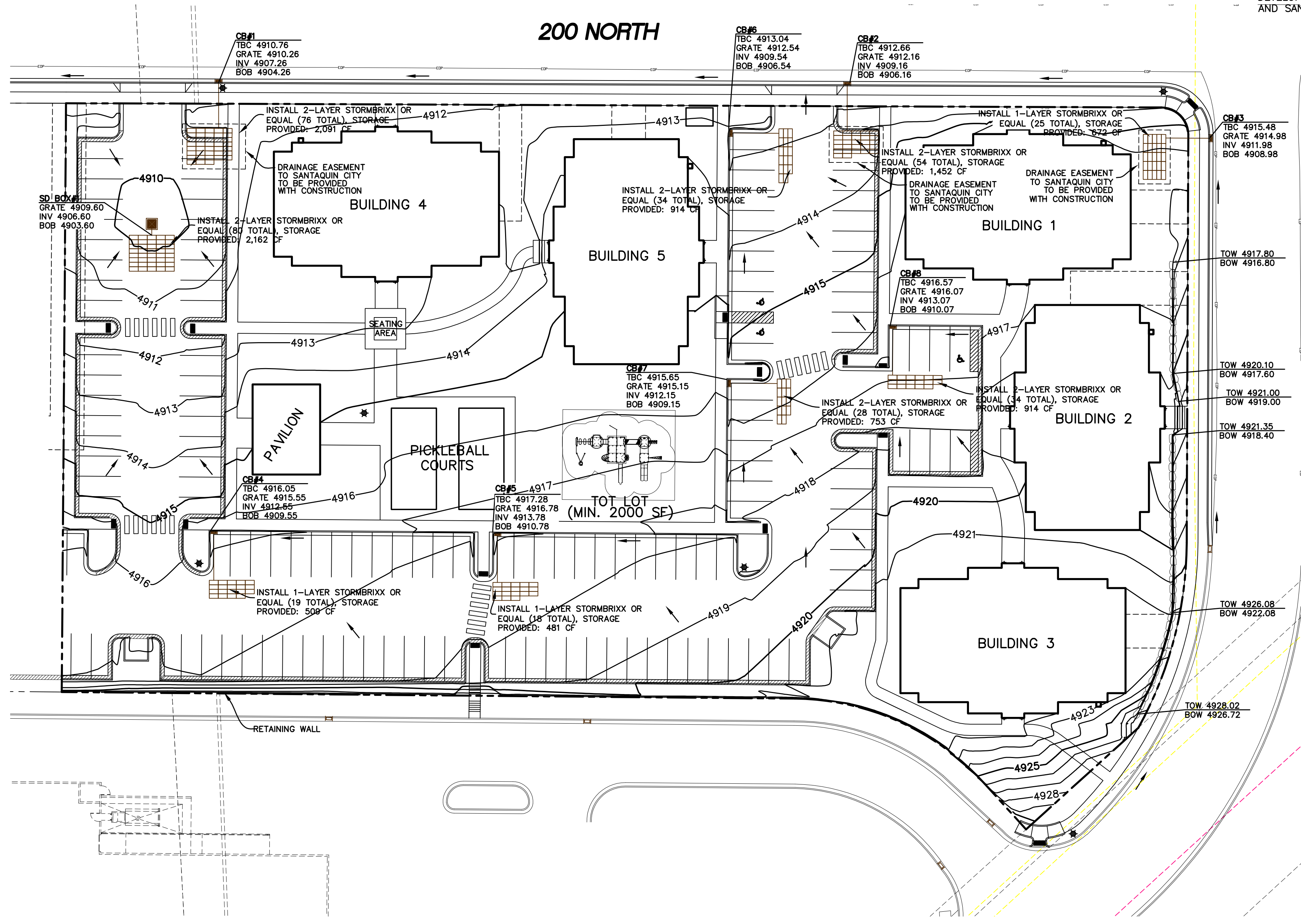
ENGINEERING

L.L.C.

PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

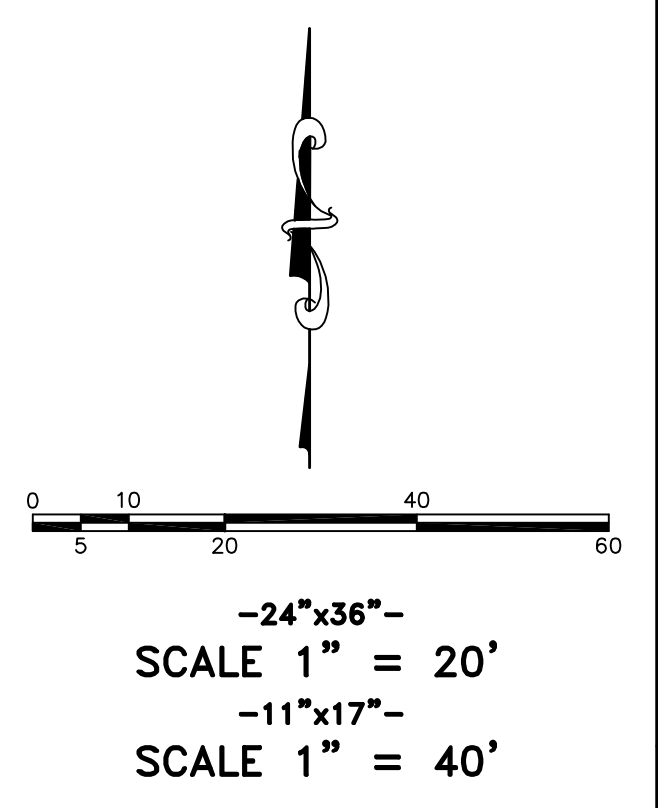


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ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDING AND SITE IMPROVEMENTS.

THE DEVELOPER AND THE GENERAL CONTRACTOR UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.



SHEET NO.
5

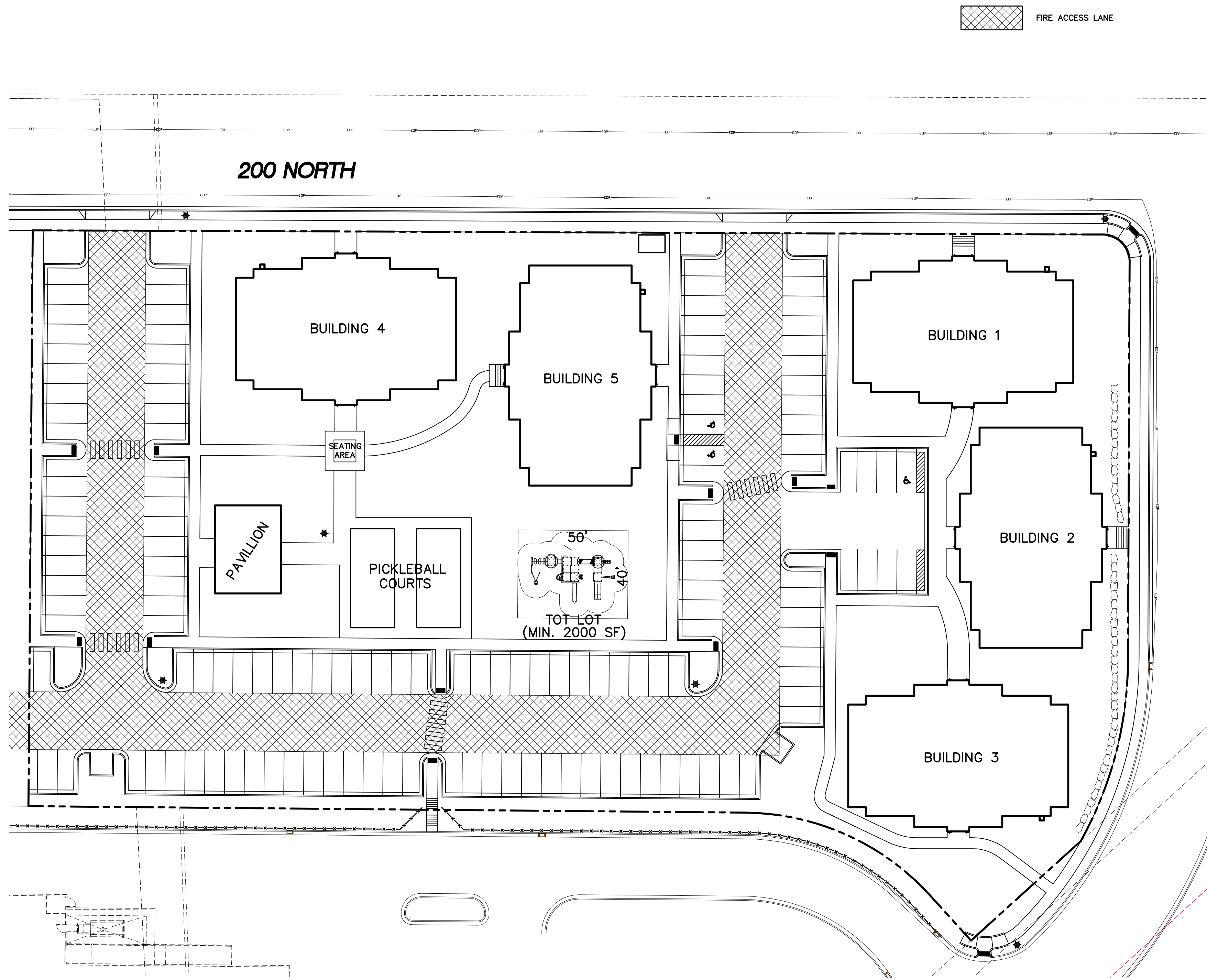
GRADING PLAN

CORTLAND PARK
PHASE 1

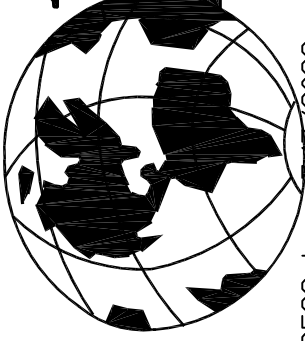
ATLAS
ENGINEERING
L.L.C.

PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

NO.	REVISIONS	BY	DATE
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NO.	REVISIONS	BY	DATE
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CORTLAND PARK

PHASE 1

ATLAS ENGINEERING L.L.C.

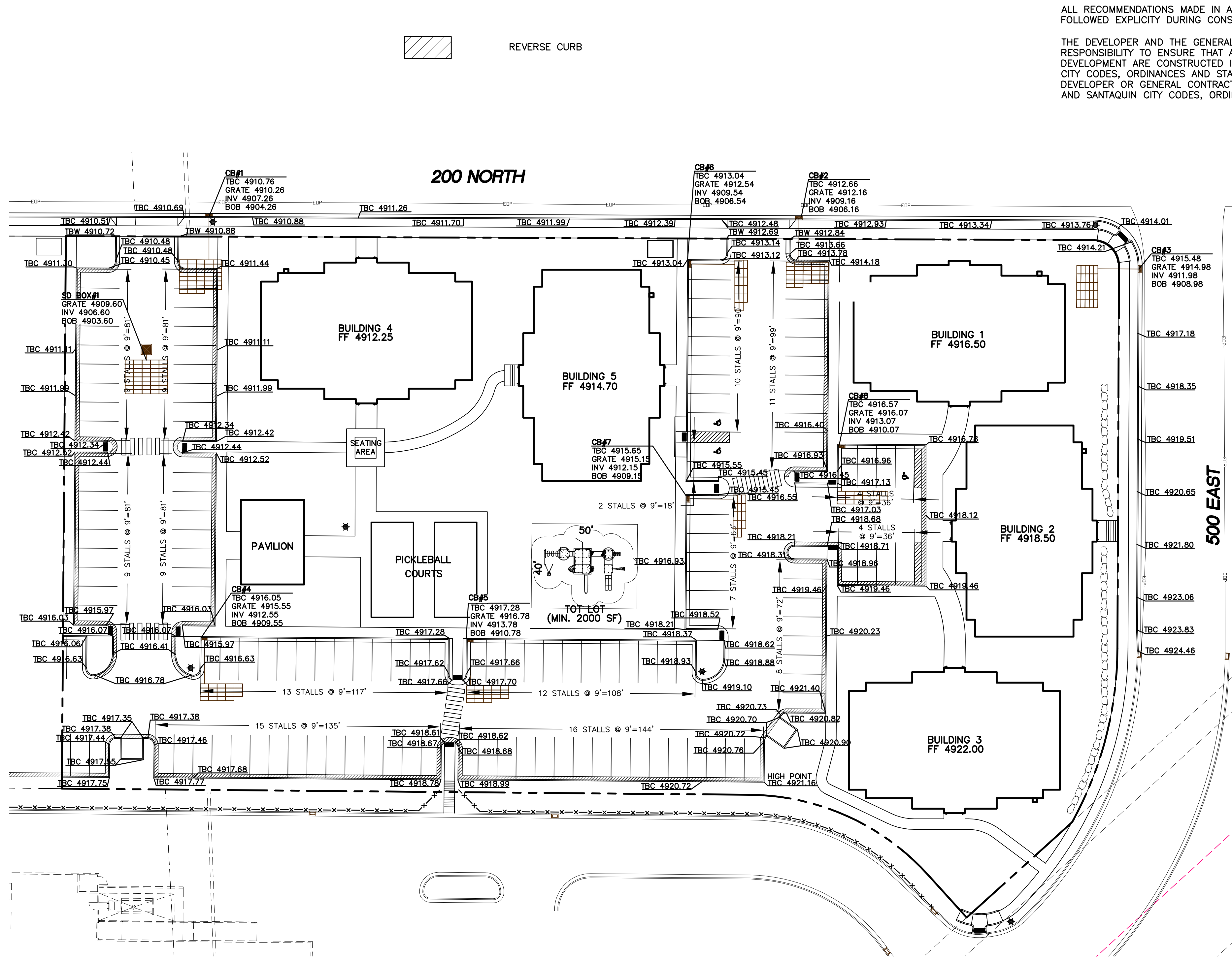
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

FIRE ACCESS/
OPEN SPACE PLAN

SANTAQUIN, UTAH

SHEET NO.

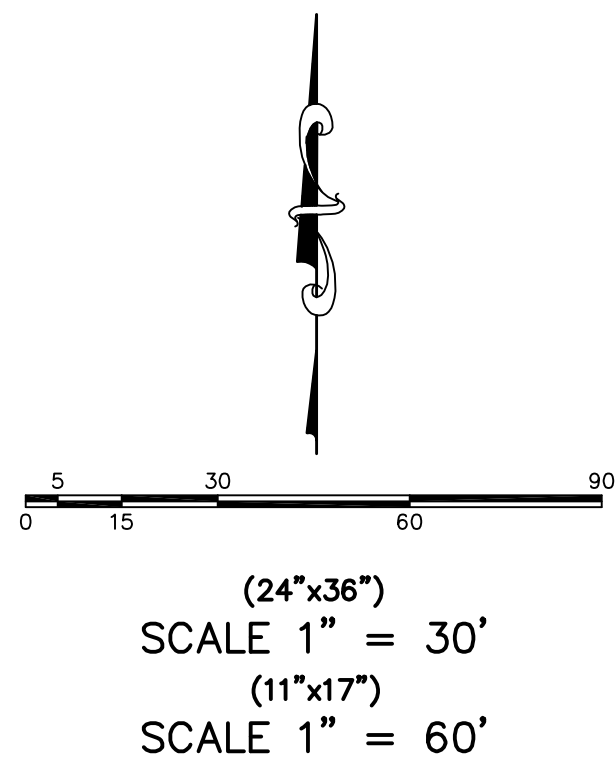
6



ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITLY DURING CONSTRUCTION OF BUILDING AND SITE IMPROVEMENTS.

THE DEVELOPER AND THE GENERAL CONTRACTOR UNDERSTAND THAT IT IS HIS/HER RESPONSIBILITY TO ENSURE THAT ALL IMPROVEMENTS INSTALLED WITHIN THIS DEVELOPMENT ARE CONSTRUCTED IN FULL COMPLIANCE WITH ALL STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS. THIS FACT DOES NOT RELIEVE THE DEVELOPER OR GENERAL CONTRACTOR FROM FULL COMPLIANCE WITH ALL MINIMUM STATE AND SANTAQUIN CITY CODES, ORDINANCES AND STANDARDS.

REVERSE CURB



SHEET NO.
7

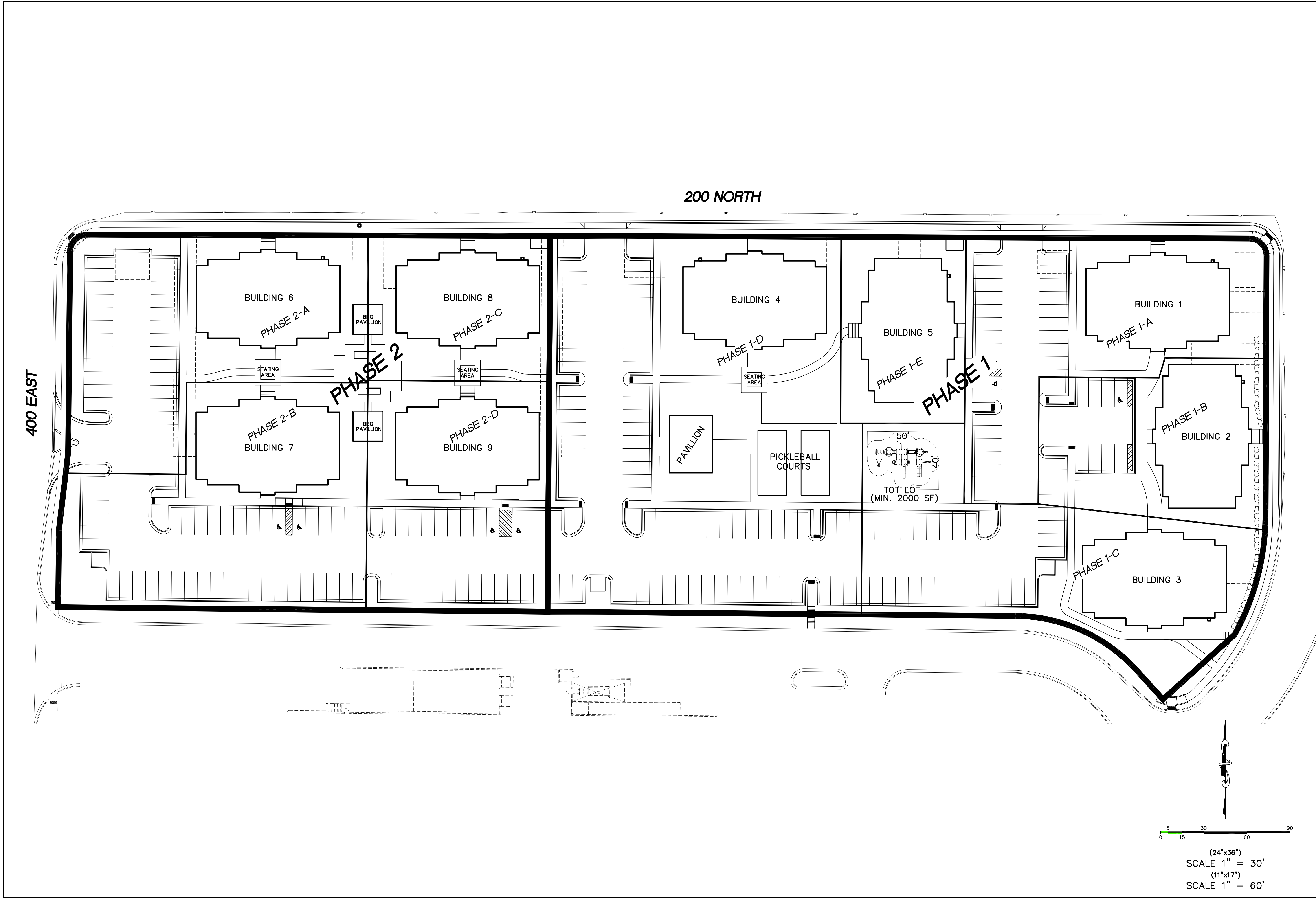
TBC PLAN
SANTAQUIN, UTAH

**CORTLAND PARK
ATLAS
ENGINEERING
L.L.C.**

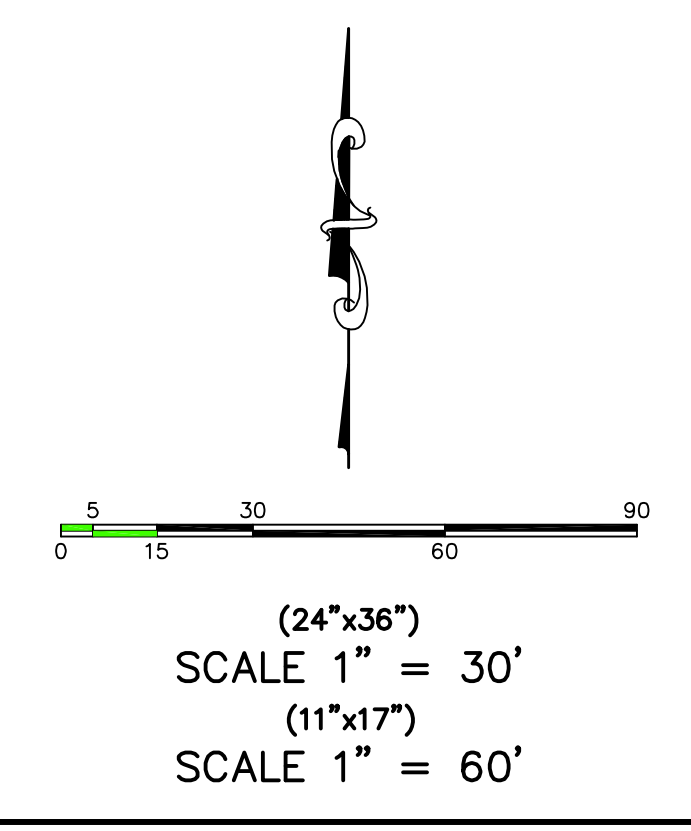
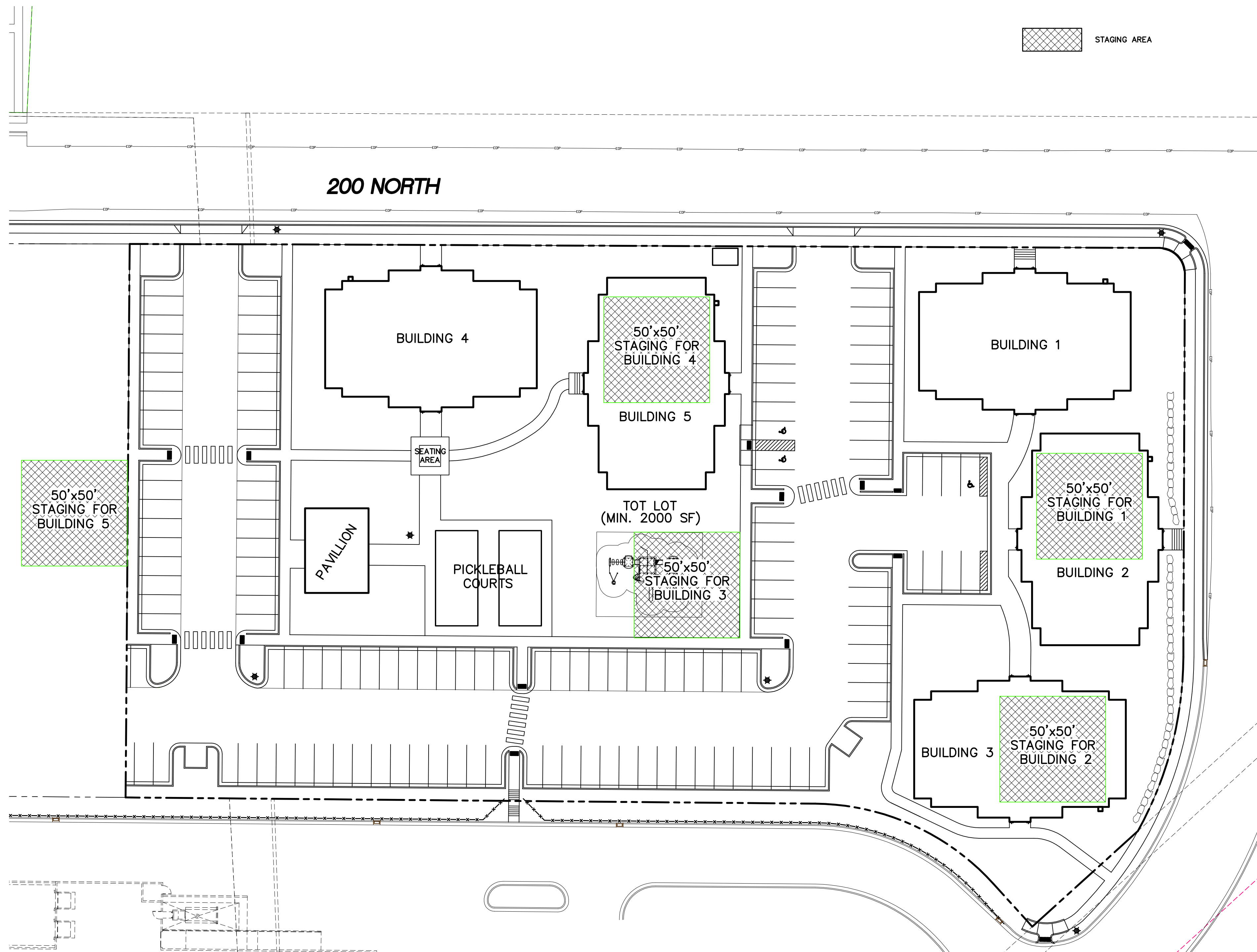
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

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CORTLAND PARK ATLAS ENGINEERING L.L.C.		PHASING PLAN	SHEET NO. 8
PHONE: 801-655-0566 FAX: 801-655-0109 946 E 800 N SUITE A SPANISH FORK, UT 84660		SANTAQUIN, UTAH	
NO. 12		REVISIONS	
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CORTLAND PARK
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ENGINEERING
L.L.C.



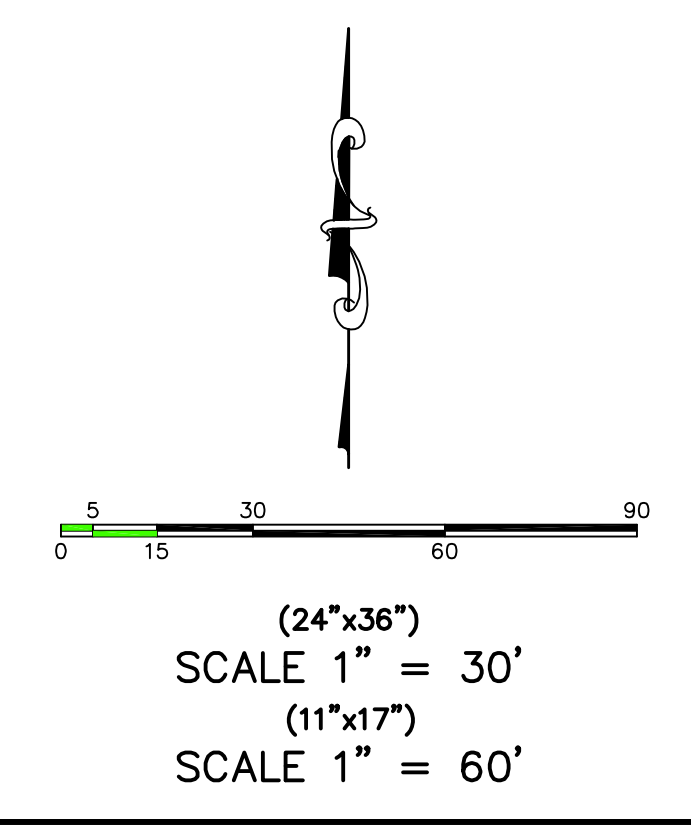
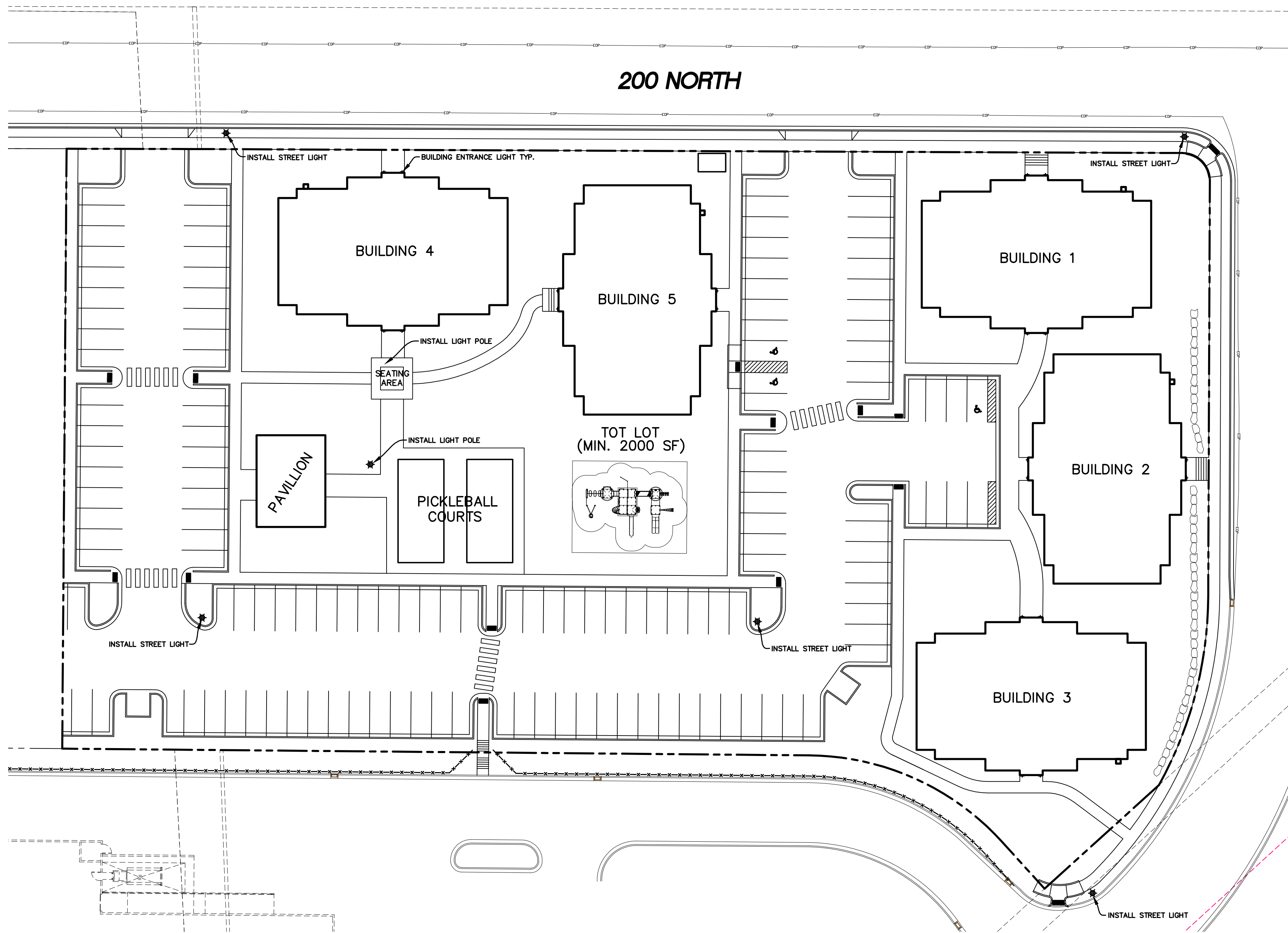
PHASE 1
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

STAGING PLAN

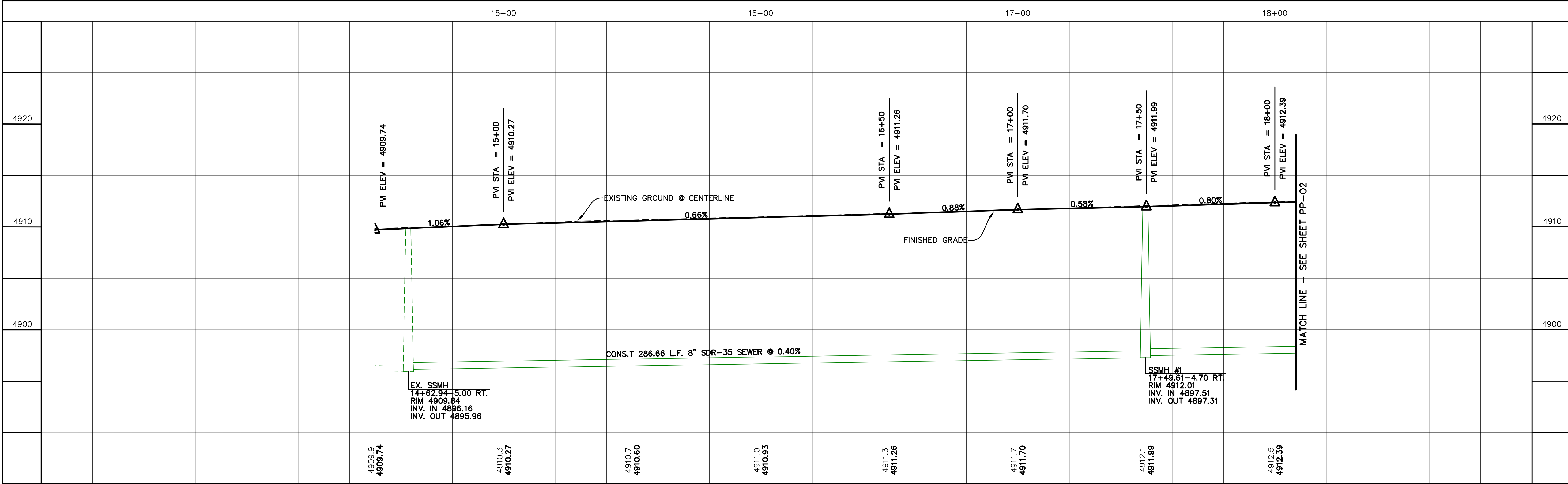
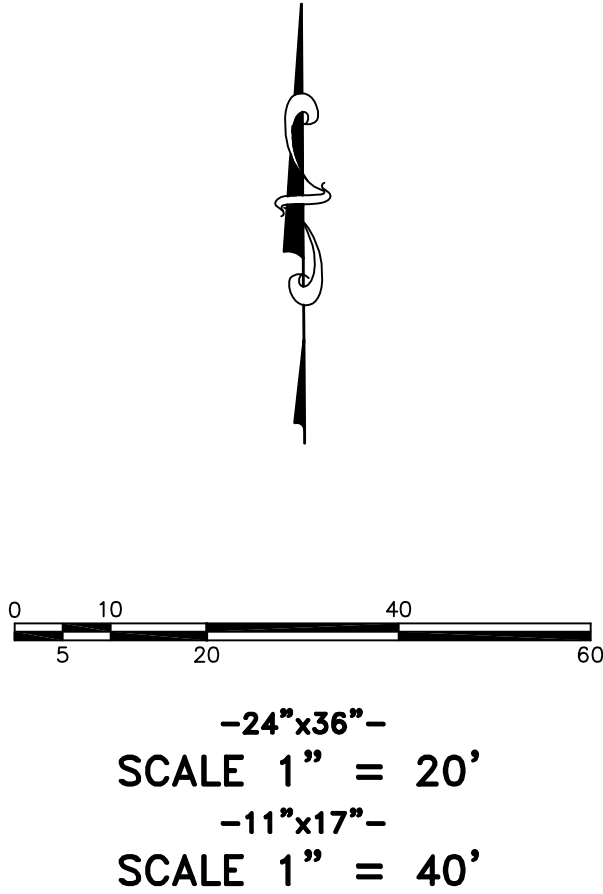
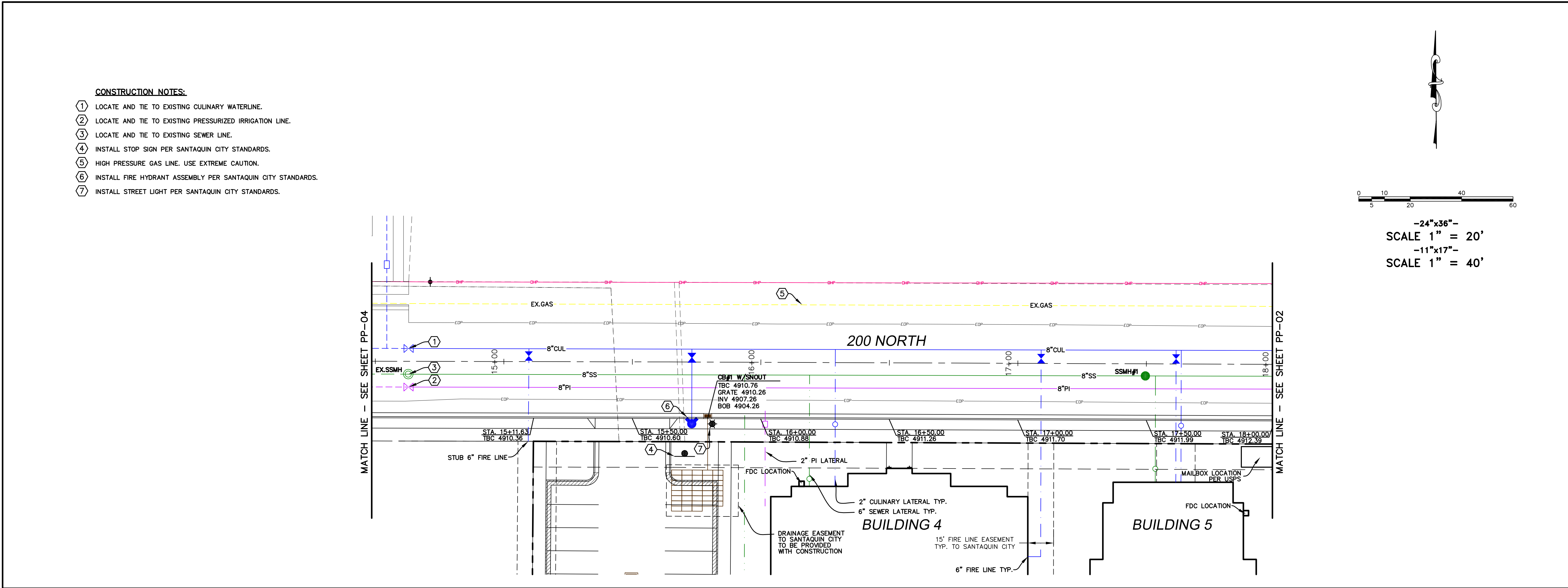
SANTAQUIN, UTAH

SHEET NO.

9



CORTLAND PARK ATLAS ENGINEERING L.L.C.		ILLUMINATION PLAN	SHEET NO. 10
PHONE: 801-655-0566 FAX: 801-655-0109 946 E 800 N SUITE A SPANISH FORK, UT 84660		SANTAQUIN, UTAH	
NO. 12 11 10 9 8 7 6 5 4 3 2		REVISIONS NO. 12 11 10 9 8 7 6 5 4 3 2	
230319-001 Cortland Park Santaquin Utah Final Phase 1 Illumination Plan		BY DATE	



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SPANISH FORK, UT 84660

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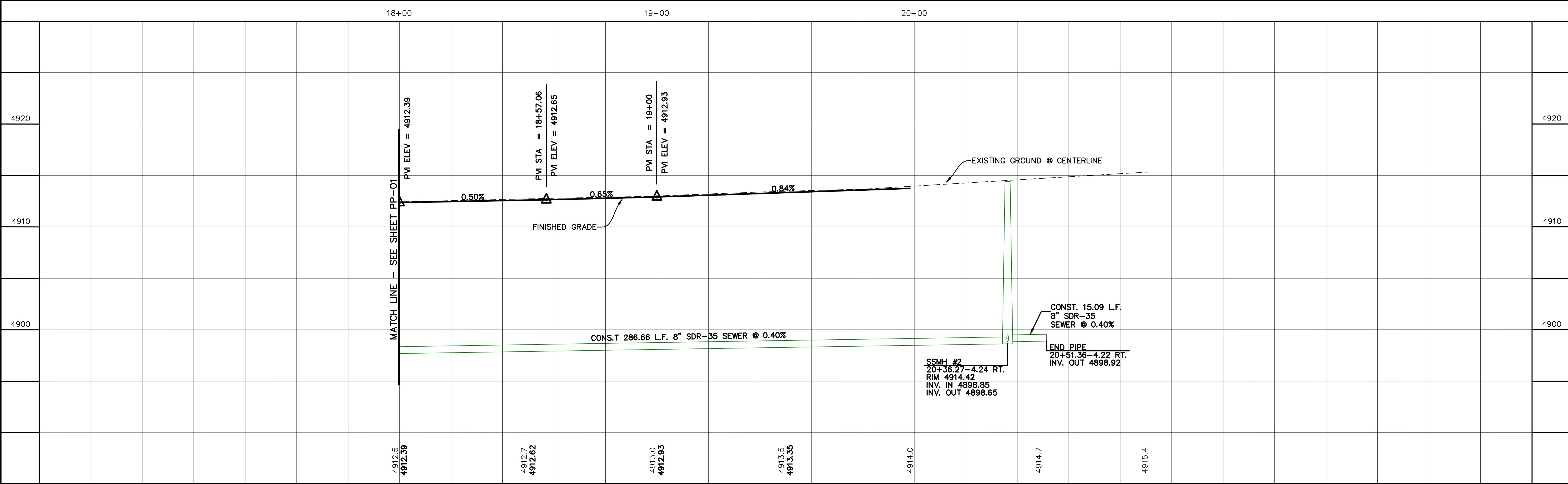
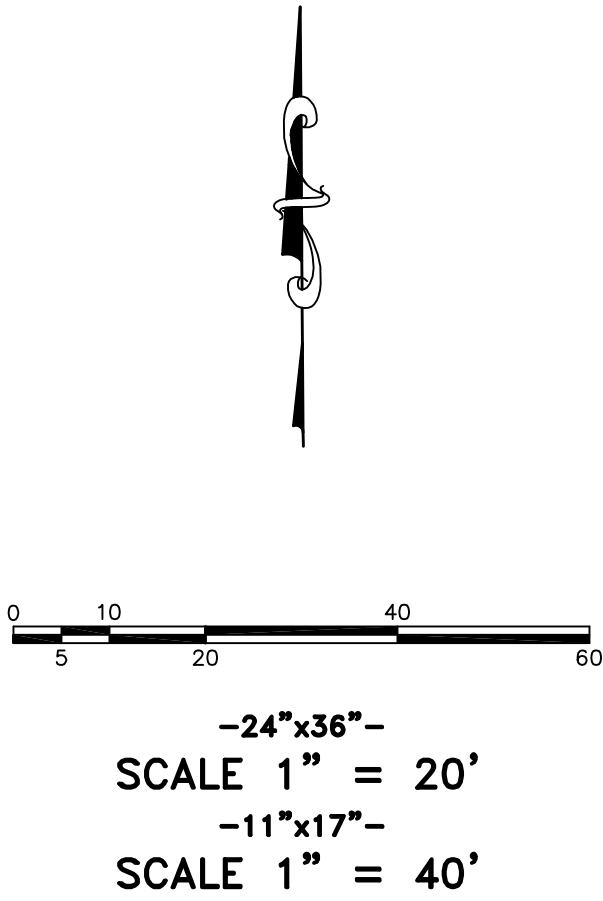
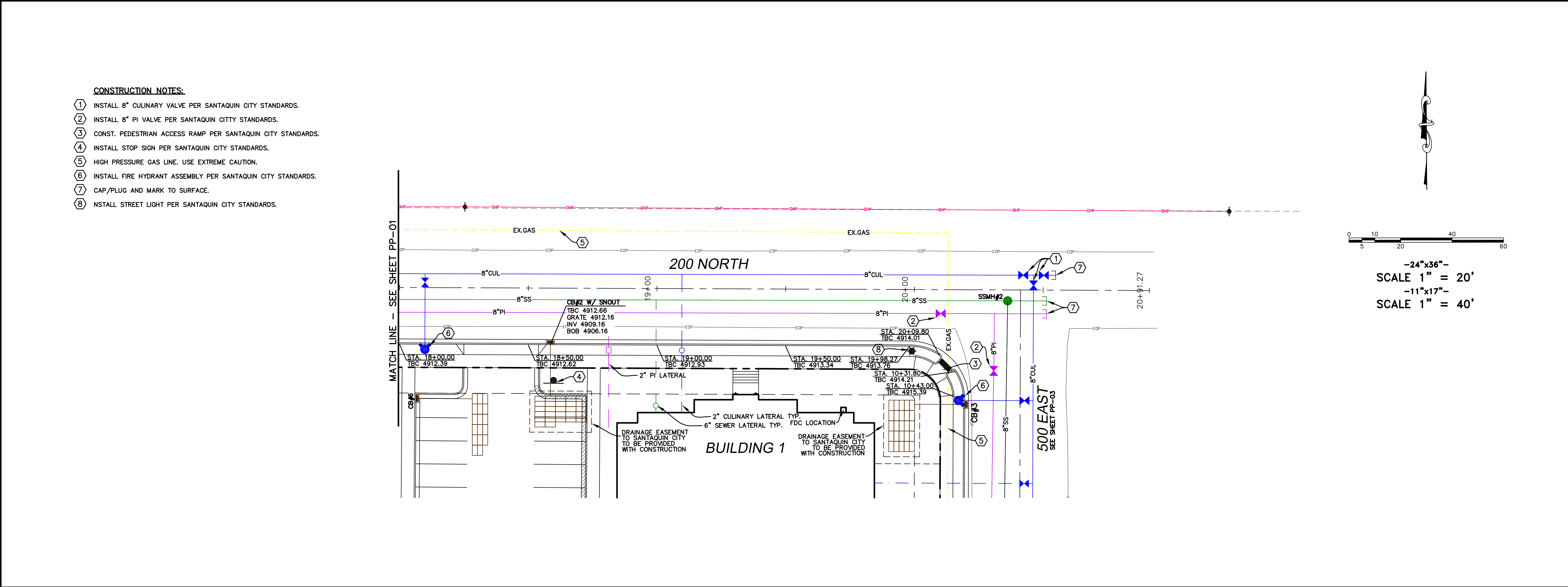
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200 NORTH
STA. 14+50 TO STA. 18+00

SANTAQUIN, UTAH

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946 E 800 N SUITE A
SPANISH FORK, UT 84660

7/7/2023 4:38:58 PM MDT

200 NORTH
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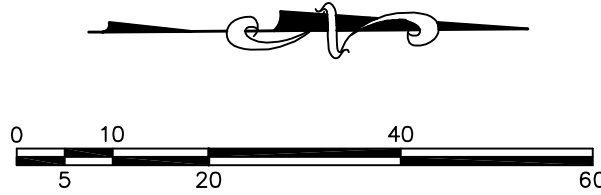
SANTAQUIN, UTAH

SHEET NO.
PP-02

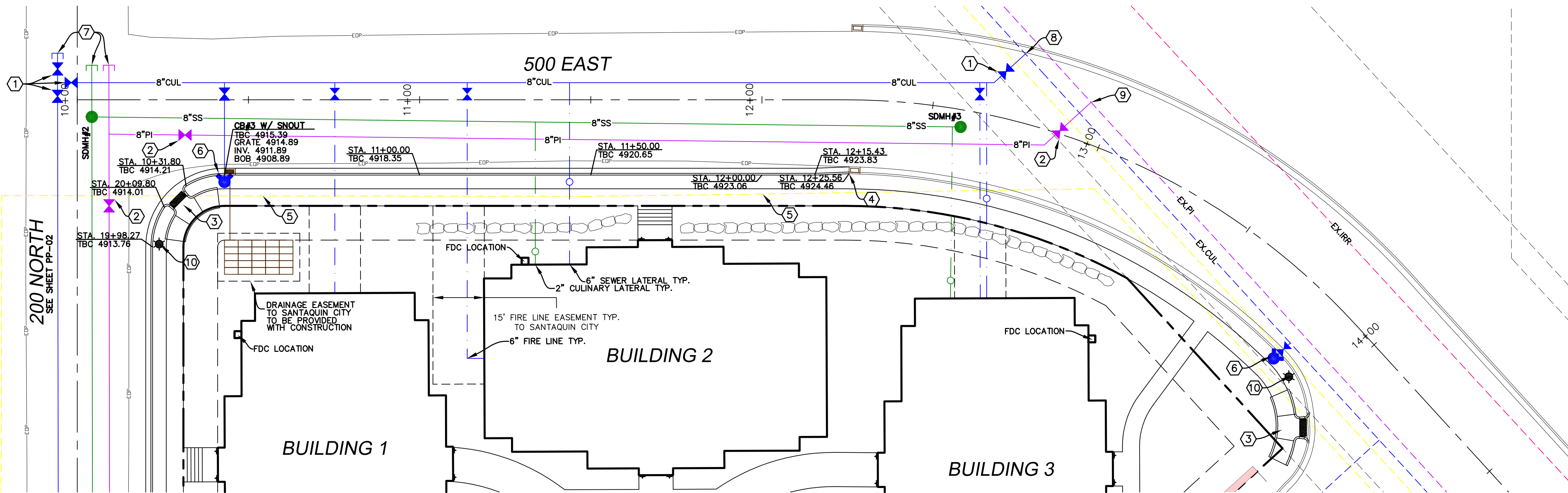
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CONSTRUCTION NOTES:

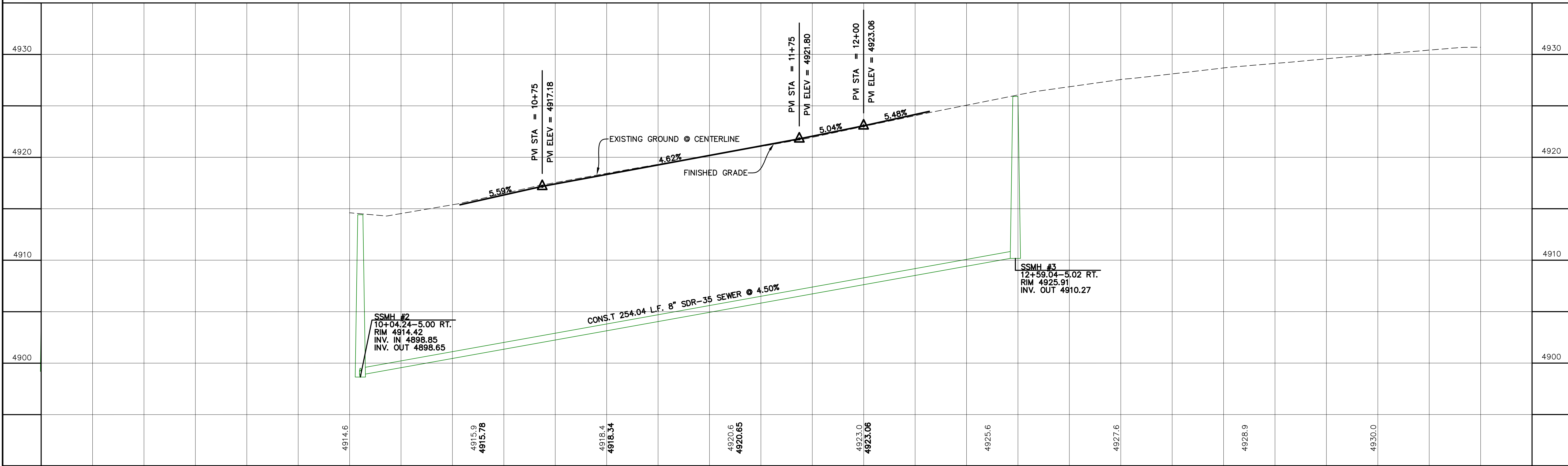
1. INSTALL 8" CULINARY VALVE PER SANTAQUIN CITY STANDARDS.
2. INSTALL 8" PI VALVE PER SANTAQUIN CITY STANDARDS.
3. CONST. PEDESTRIAN ACCESS RAMP PER SANTAQUIN CITY STANDARDS.
4. MATCH EXISTING CURB.
5. HIGH PRESSURE GAS LINE. USE EXTREME CAUTION.
6. INSTALL FIRE HYDRANT ASSEMBLY PER SANTAQUIN CITY STANDARDS.
7. CAP/PLUG AND MARK TO SURFACE.
8. LOCATE AND TIE TO EXISTING CULINARY WATERLINE.
9. LOCATE AND TIE TO EXISTING PRESSURIZED IRRIGATION LINE.
10. INSTALL STREET LIGHT PER SANTAQUIN CITY STANDARDS.



-24"x36"-
SCALE 1" = 20'
-11"x17"-
SCALE 1" = 40'



10+00 11+00 12+00 13+00 14+00



SHEET NO.

PP-03

500 EAST
STA. 10+00 TO STA. 14+00

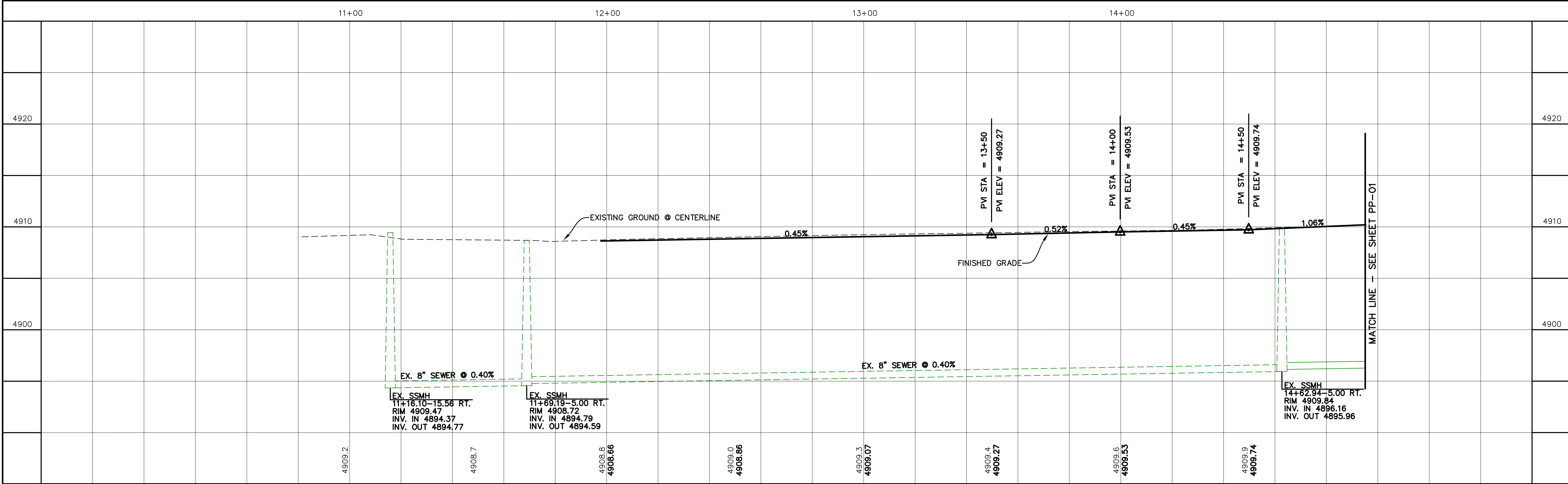
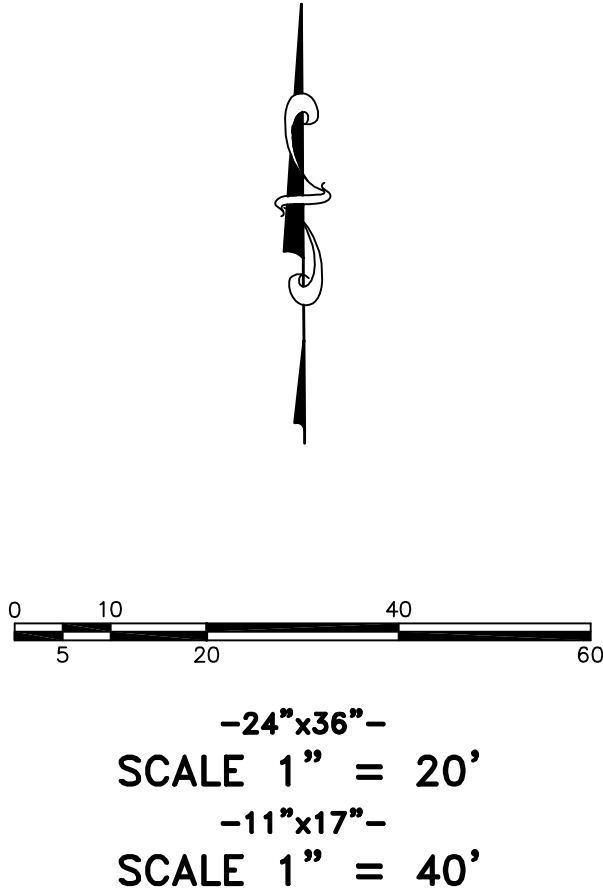
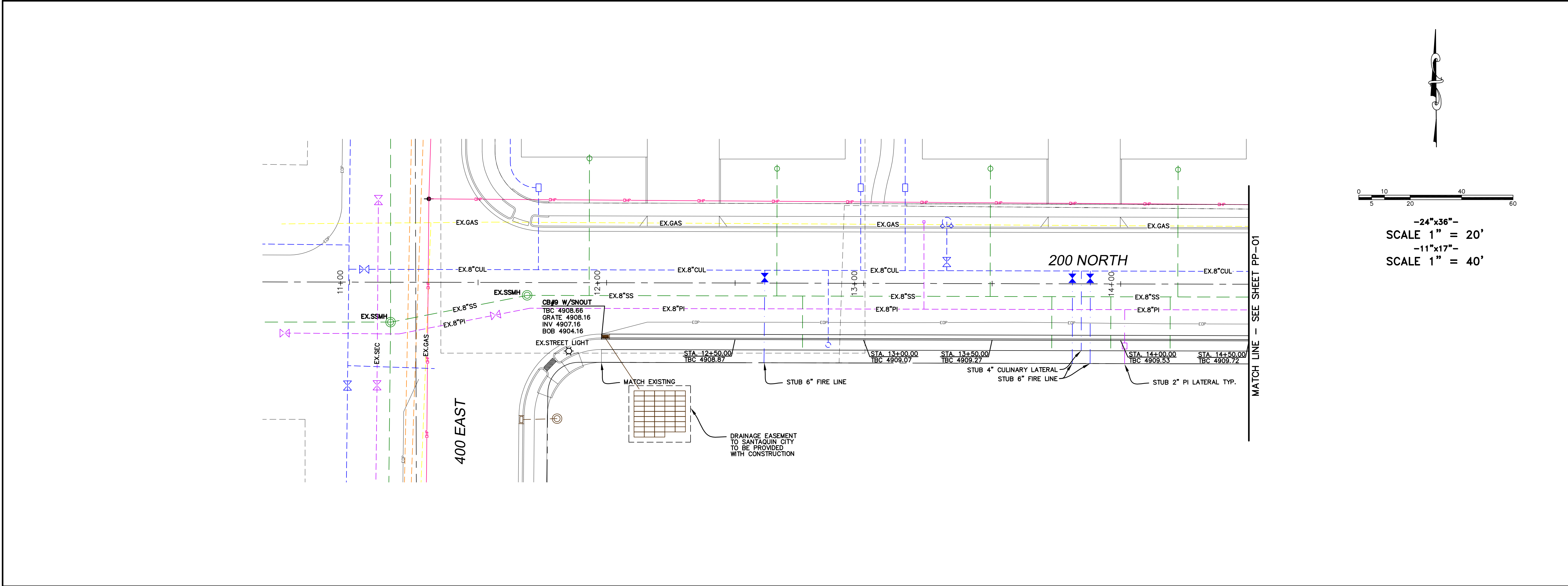
SANTAQUIN, UTAH

ORCHARD VISTA
ATLAS
ENGINEERING
L.L.C.

PHONE: 801-655-0566
FAX: 801-655-0109
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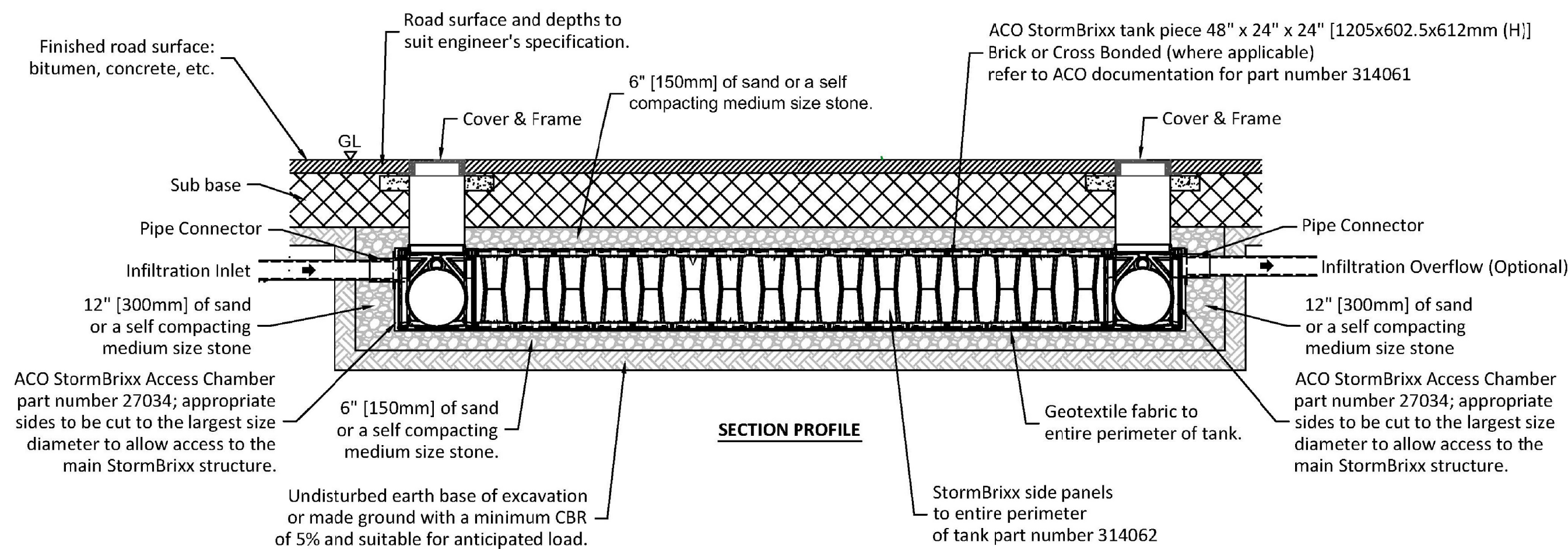
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

200 NORTH
STA. 11+00 TO STA. 14+50

SANTAQUIN, UTAH

SHEET NO.
PP-04

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Minimum cover depths (1) over the top of ACO StormBrixx	
Location	Minimum cover depth ft (m) (4)
Non-Trafficked areas i.e. Landscaping	
Car parks, vehicles up to 5512lbs gross mass	1.97 (0.6)
Car parks, occasional vehicles greater than 5512lbs (3) gross mass	2.46 (0.75)
Occasional HGV traffic up to 97,003lbs GVW (HA loading)	Please consult with ACO

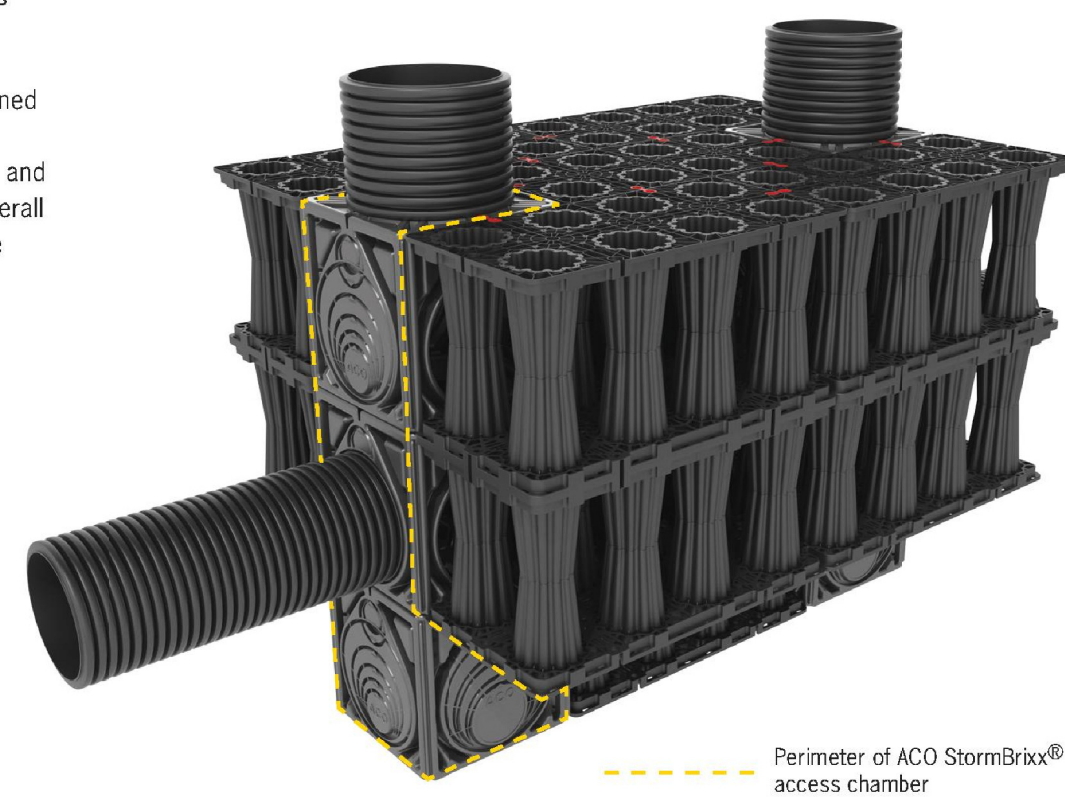
(1) Assumes 27 degree load distribution through fill material and overlaying surface asphalt or block paving
(2) Minimum cover depth to avoid accidental damage from gardening/landscaping work
(3) Occasional Trafficking by refuse collection or similar vehicles (typically one per week)
(4) Please check minimum frost cover depths for geographical location

This drawing is for guidance purposes only. This is to be read in conjunction with other ACO drawings and is subject to all ACO Polymer Products, Inc. guidance, liabilities and manufacturers warranties. For further information please contact our technical department, visit the StormBrixx website at <http://www.acostormbrixx.us/>, or email us at info@acousa.com

The access chamber is designed to provide complete 3D access to enable inspection of all levels and areas of the system by either tracked or push rod CCTV inspection equipment. Where required, ACO StormBrx® systems can be jetted using standard equipment.

When the ACO StormBrixx® access chamber has been configured to create a low flow drain down channel or a silt trap, the unit allows for the removal of silt and debris.

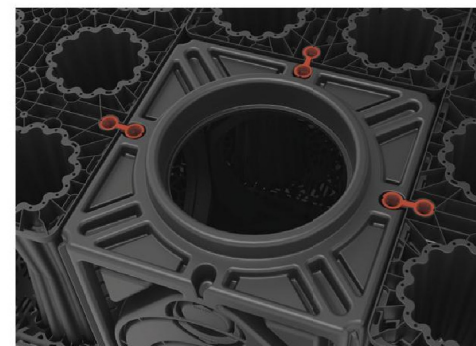
Cover and frame
18" diameter (450mm) solid ductile iron cover and frame is available to complete the StormBrixx® access chamber installation. Cover is rated to 40 ton loads.



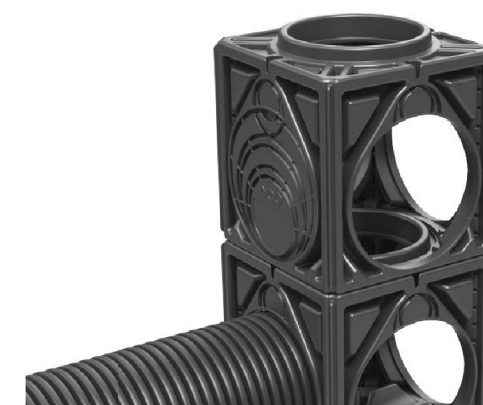
Cut unit at guides for required pipe connection. Push up to 2.5" (65mm) of pipe into access chamber module.



If using more than one access chamber module in a stack, it will be necessary to remove base from all modules except bottom base unit. Cut along the recessed cutting line provided and remove base.



Layer connectors should be incorporated before the next module is added to the access chamber stack.



Once the main access chamber has been constructed it will be necessary to add a 18" (450mm) ID raising piece cut to length and placed over the top of the access chamber unit. Once the bases of the upper module(s) have been removed, simply stack units on top of each other ensuring that each module is clipped to the main structure using the StormBrix® layer connectors.

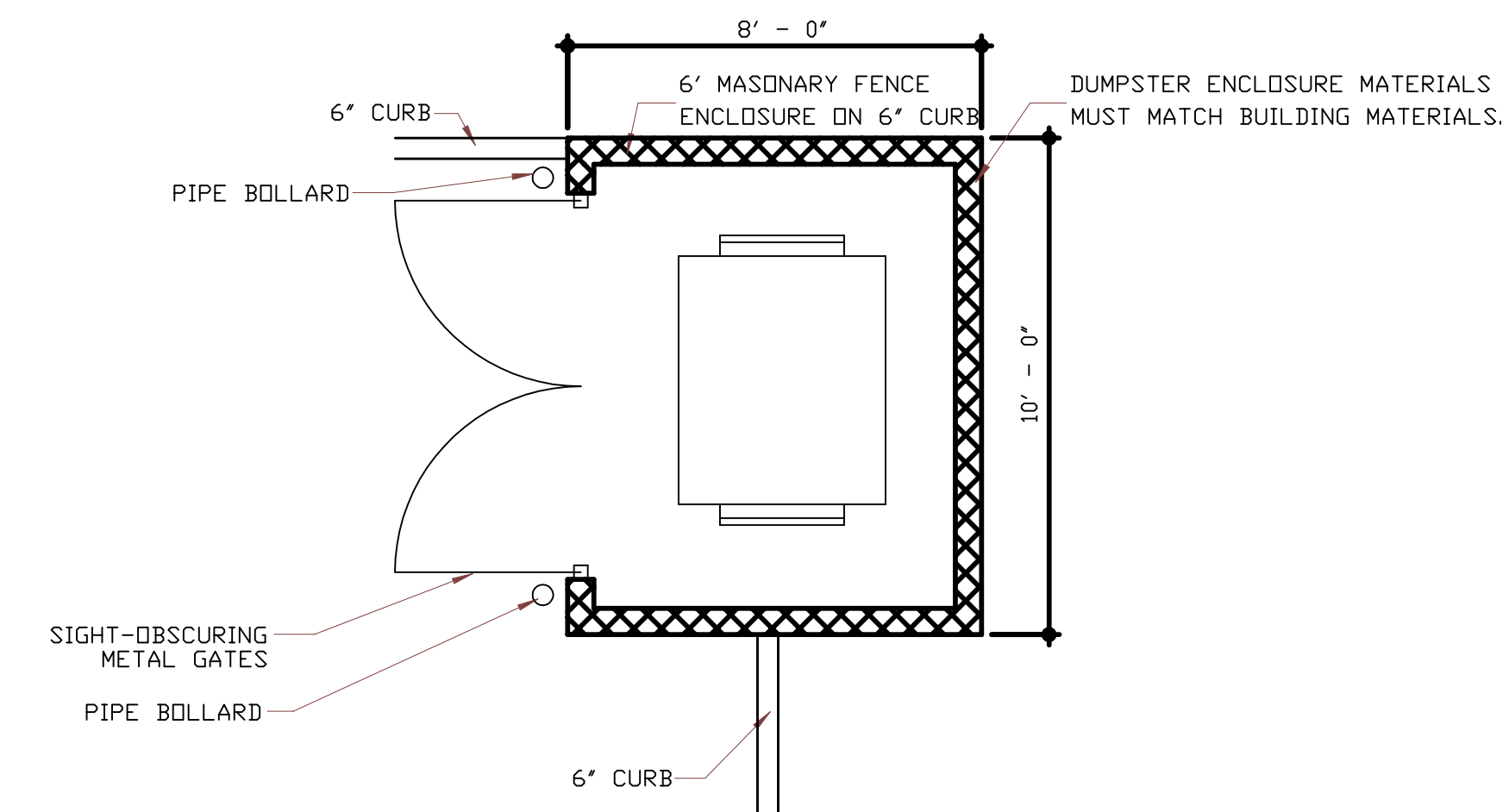


www.ACOStormBrixx.us

SBD-1L-RA	INFILTRATION - STORMBRIXX SINGLE LAYER WITH ACCESS UNITS AND OVERFLOW (HARDSCAPE)			ACO Polymer Products, Inc.		
				825 W. Beechcraft St. Casa Grande, AZ 85122 Tel: 520-421-9898 Fax: 520-421-9899	9470 Pinecone Drive Mentor, OH 44050 Tel: 440-636-7230 Fax: 440-636-7235	4211 Pleasant Rd. Fort Mill, SC 29708 Tel: 803-856-7230 Fax: 803-802-1063
DATE: 11/24/15	INSTALLATION DRAWING - ACO STORMBRIXX					
ISSUE: A	Arizona Tel: 888-490-9552	e-mail: info@acousa.com	Ohio Tel: 800-543-4764	www.acousa.com	South Carolina Tel: 800-543-4764	



1. 100-YEAR WATER ELEVATION MAY NOT ENCROACH WITHIN 6" VERTICALLY OF ANY HABITABLE STRUCTURE OR EXCEED THE EDGE OF RIGHT-OF-WAY.
2. 100-YEAR WATER ELEVATION MAY NOT RISE ABOVE AN ELEVATION OF 3" BELOW THE TOP OF ANY BERM OR EDGE OF RIGHT-OF-WAY IF ADJACENT EXISTING BUILDINGS ARE BELOW STREET LEVEL.
3. THE CROWN OF THE ROAD SHALL BE HELD TO EXISTING GRADE, UNLESS PERMITTED OTHERWISE BY THE CITY ENGINEER WHERE NEEDED TO ENABLE CONTAINMENT OF 100-YEAR STORM, TO MATCH GRADE AT ADJACENT PREVIOUSLY DEVELOPED PROPERTIES, OR TO MEET GRADE AT INTERSECTIONS



1. SCREENED ON THREE (3) SIDES WITH A MASONRY WALL HAVING A HEIGHT OF AT LEAST ONE (1') FOOT ABOVE RECEPTACLE. A STEEL SITE-OBSCURING GATE AT LEAST SIX (6') FEET HIGH IS REQUIRED. USE SAME ARCHITECTURAL ELEMENTS AND TYPES OF MATERIALS AND COLORS AS THE PRIMARY STRUCTURE.
2. TRASH ENCLOSURES AND OTHER ACCESSORY STRUCTURES SHALL HAVE A MINIMUM FIVE FOOT (5') WIDE PLANTING AREA ALONG THREE (3) SIDES AND A MINIMUM OF FOUR (4) SHRUBS PER LANDSCAPED SIDE. THESE PLANTING AREAS MAY OVERLAP REQUIRED LANDSCAPE YARDS.

[illegible]