

CORTLAND PARK

SITEPLAN SANTAQUIN, UTAH COUNTY, UTAH PRELIMINARY PLAN SET SEPTEMBER 2022

ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITY 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.

DENSITY TABLE

ZONING CLASSIFICATION=MSR
NUMBER OF UNITS=102
ACREAGE=5.10 ACRES
ACREAGE TO BE DEDICATED FOR STREET ROW=0 SF
PARCEL SIZE SF=220
PARKING REQUIRED=238
PARKING PROVIDED=239
BUILDING AREA SF=9x5,779=52,011
PARKING LOT AREA SF=75,174

LANDSCAPE AREA IN SF=94,971 (43%)

GENERAL NOTES:

1. CONTRACTOR TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION, AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

2. ANY AND ALL DISCREPANCIES IN THESE PLANS ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. BEFORE PROCEEDING WITH THIS WORK, THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL CONDITIONS, QUANTITIES, DIMENSIONS, AND GRADE ELEVATIONS, AND SHALL REPORT ALL DISREPANCIES TO THE ENGINEER.
4. ARCHITECTURAL DRAWINGS TO BE SUBMITTED AND APPROVED BY ARCHITECTURAL REVIEW COMMITTEE.

5. PROJECT TO BE COMPLETED IN TWO PHASES.
6. THE TOT LOT SHALL BE INSTALLED BEFORE THE COMMENCEMENT OF CONSTRUCTION OF THE 11TH RESIDENTIAL UNIT, PER THE DA REQUIREMENTS.

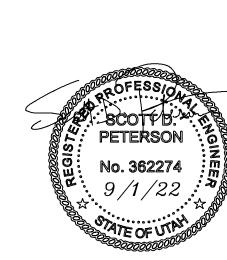
-SHEET INDEX-

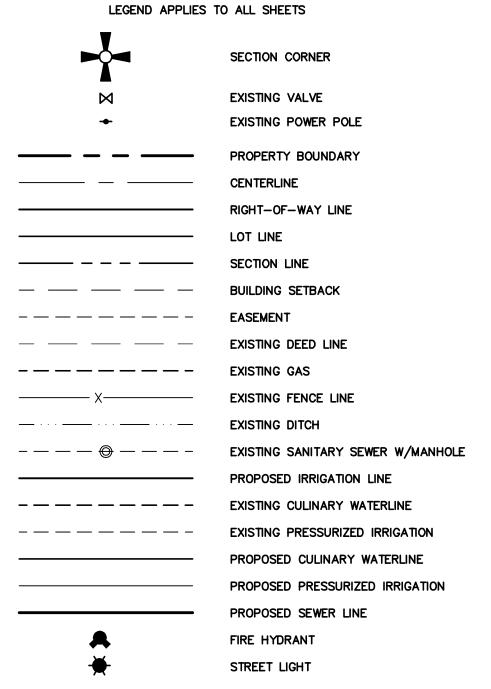
SHEET SHEET NAME

- 1 COVER & INDEX 2 SITE PLAN
- 3 GRADING PLAN4 FINAL PLAT
- 5 EXISTING TOPOGRAPHY PLAN
- 6 DETAIL SHEET 7 DETAIL SHEET
- FIRE ACCESS/OPEN SPACE PLAN
- 9 TBC PLAN
- 10 PHASING PLAN

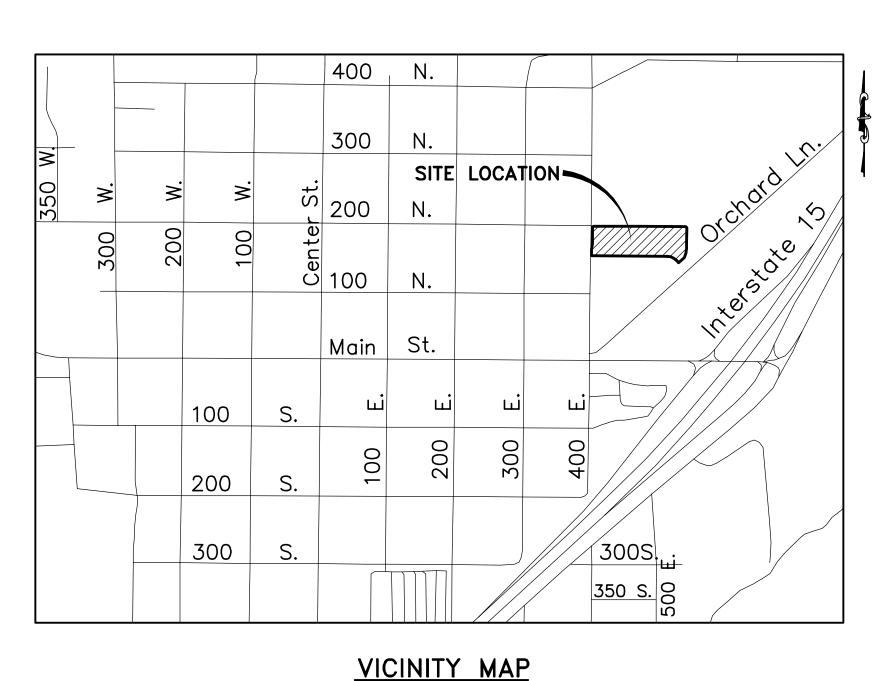
BOUNDARY DESCRIPTION:

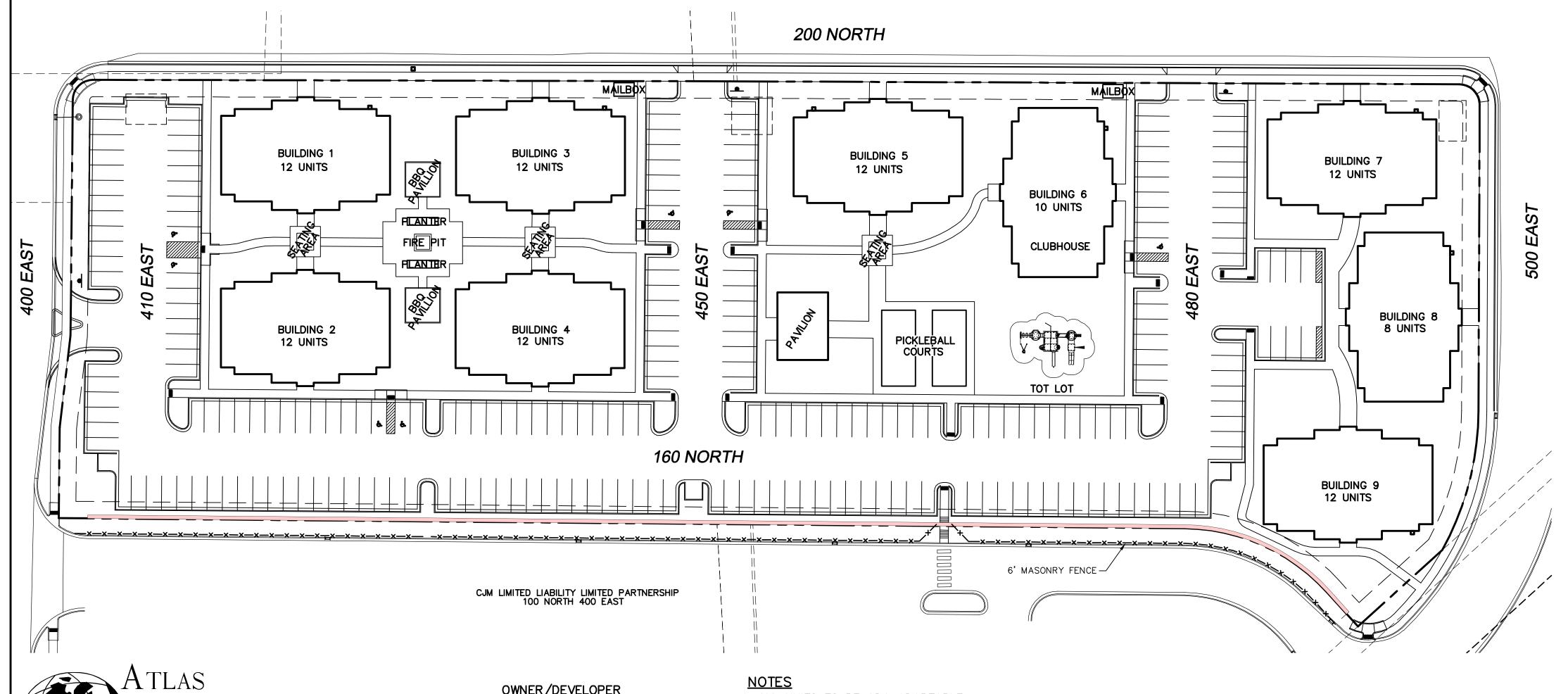
BEGINNING AT A POINT ON THE FUTURE EASTERLY LINE OF 400 EAST STREET LOCATED S00°30'42"E 1737.86 FEET ALONG THE QUARTER SECTION LINE AND S89°29'04"E 29.85 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 1; AND RUNNING THENCE S89°29'04"E 666.49 FEET. THENCE SOUTHEASTERLY 94.95 FEET ALONG THE ARC OF A 115.00 FOOT RADIUS CURVE TO THE RIGHT THROUGH THE CENTRAL ANGLE OF 47°18'24" THE CHORD BEARS S65'49'52"E 92.28 FEET; THENCE S42"10'40"E 27.48 FEET; THENCE N47°49'42"E 67.30 FEET; THENCE ALONG THE FUTURE STREET RIGHT-OF-WAY LINES THE FOLLOWING NINE (9) COURSES TO WIT: (1) NORTHEASTERLY 85.97 FEET ALONG THE ARC OF A 171.00 FOOT RADIUS CURVE TO THE LEFT THROUGH THE CENTRAL ANGLE OF 28°48'16", THE CHORD BEARS N14°37'55"E 85.06 FEET, (2) N00°13'47"E 181.28 FEET, (3) ALONG THE ARC OF A NORTHWESTERLY 18.65 FEET ALONG THE ARC OF A 12.00 FOOT RADIUS CURVE TO THE LEFT THROUGH THE CENTRAL ANGLE OF 90°00'00", THE CHORD BEARS N44°46'13"W 16.97 FEET, (4) N89°46'13"W 432.01 FEET, (5) N89°51'46"W 376.98 FEET, (6) SOUTHWESTERLY 18.77 FEET ALONG THE ARC OF A 12.00 FOOT RADIUS CURVE TO THE LEFT THROUGH A CENTRAL ANGLE OF 89°37'17", THE CHORD BEARS S45'19'35"W 16.91 FEET, (7) S00'30'56"W 139.43 FEET, (8) S06'47'35"W 54.87 FEET, (9) S00°30′56"W 53.50 FEET TO THE POINT OF BEGINNING. CONTAINING 5.10 ACRES.

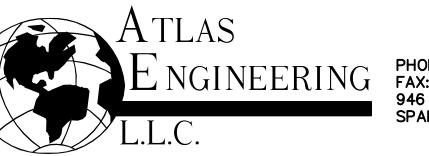




LEGEND







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

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

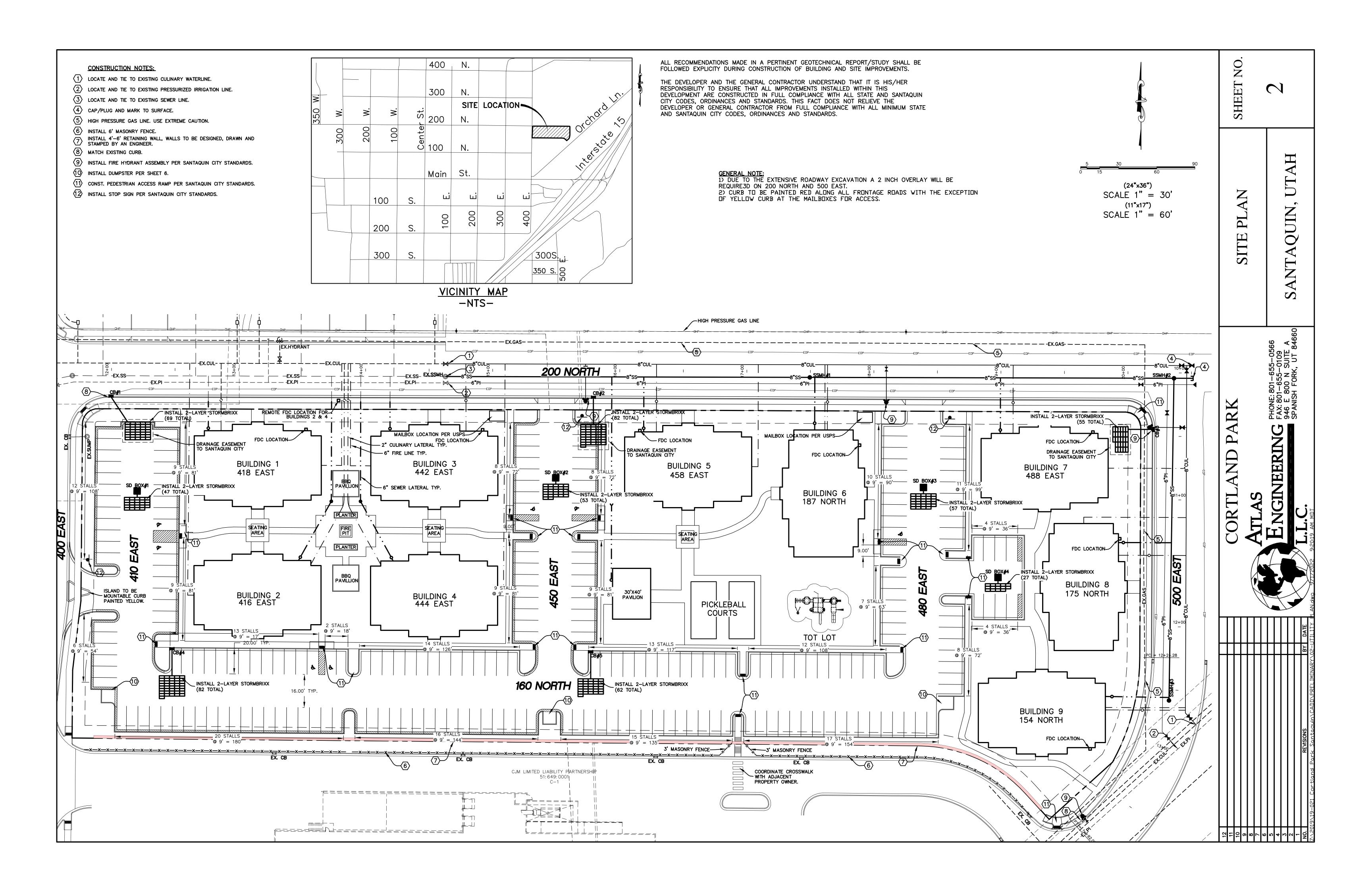
NOTES

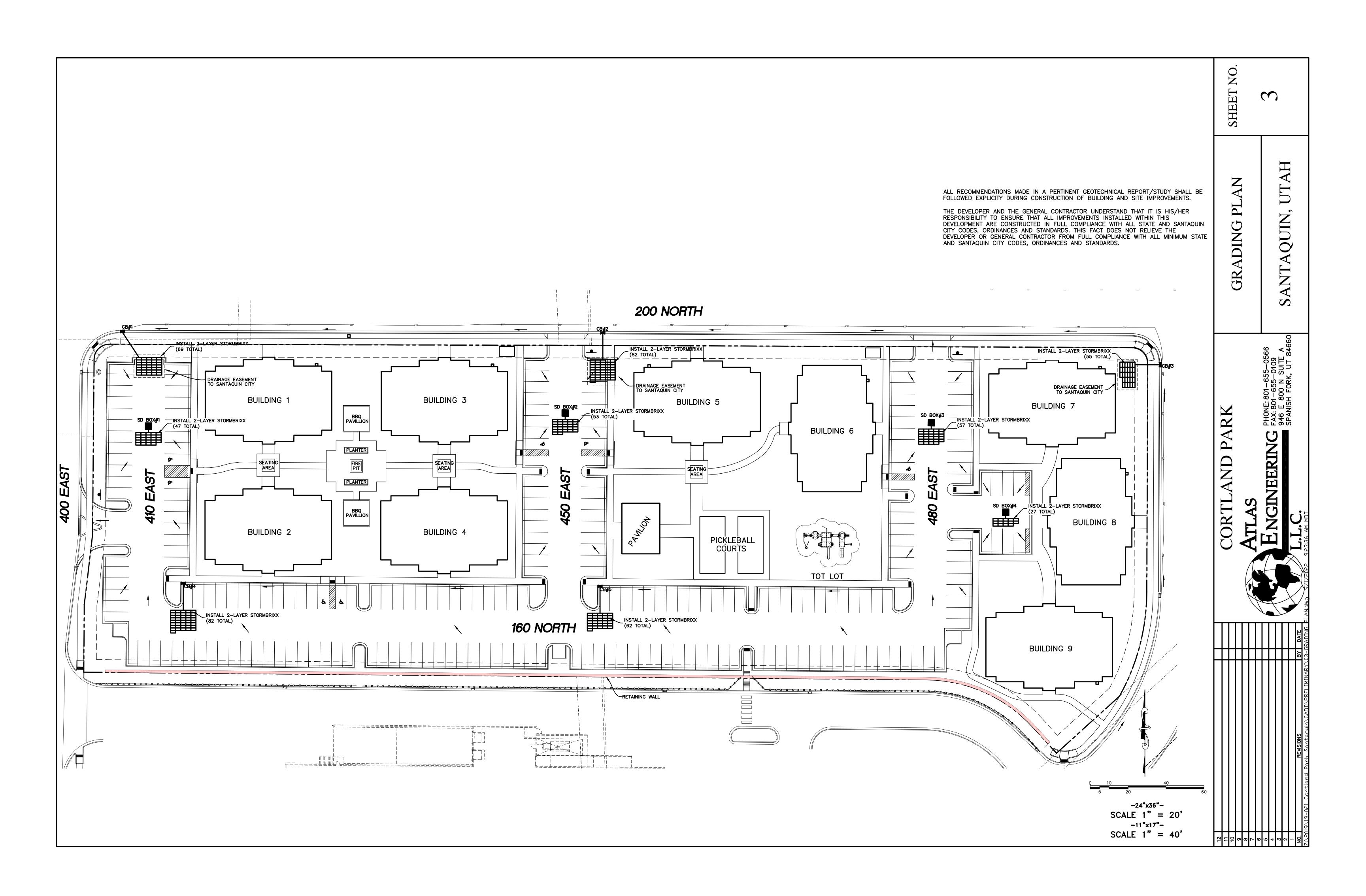
1. ALL UNITS TO BE ADA ADAPTABLE.

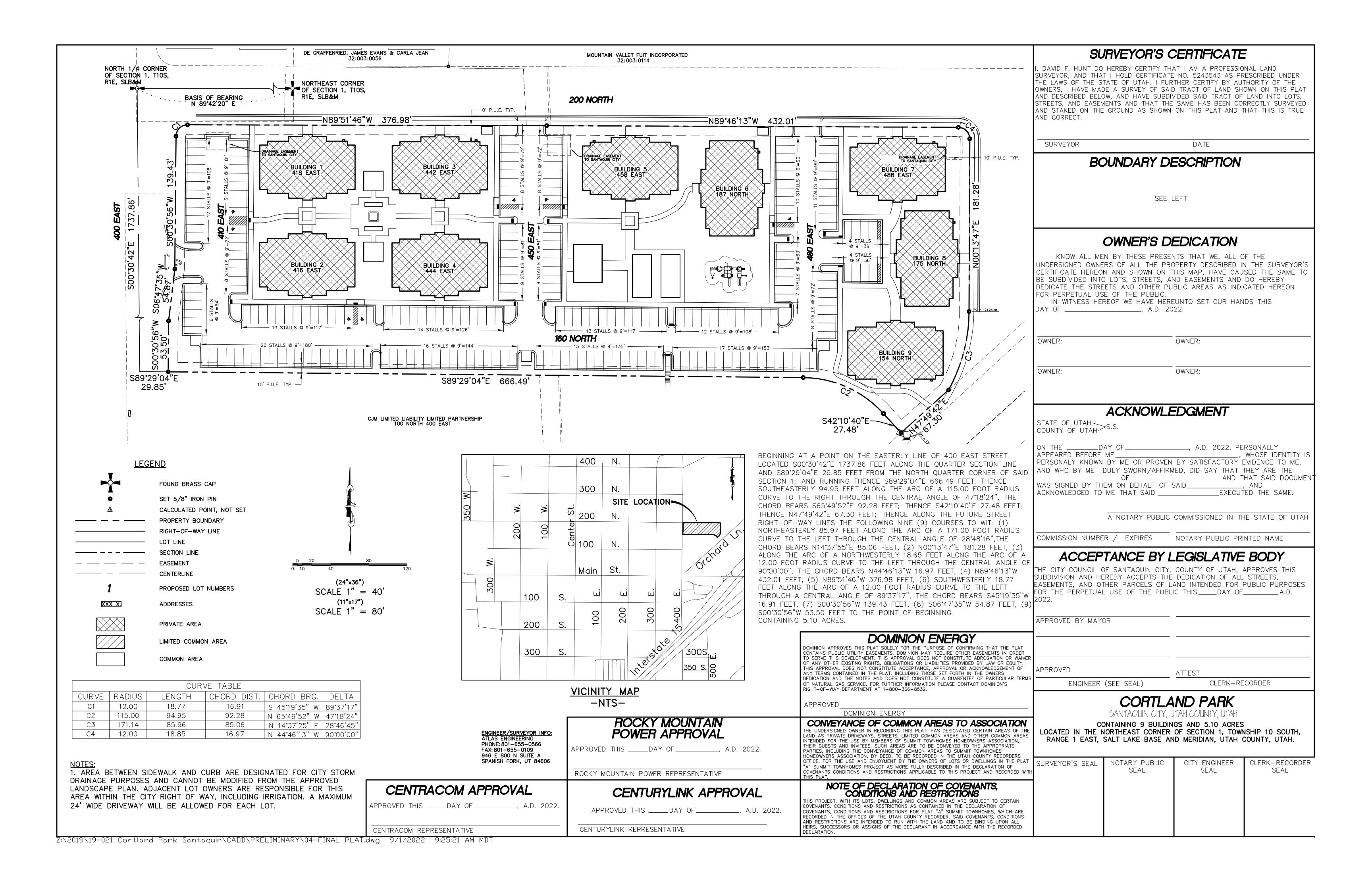
2. PROJECT IS TO BE SOLD AS CONDO UNITS. CONDOMINIUM PLAT, CC&R'S, AND HOA DOCUMENTS WILL BE REQUIRED TO BE APPROVED BY PLANNING COMMISION.

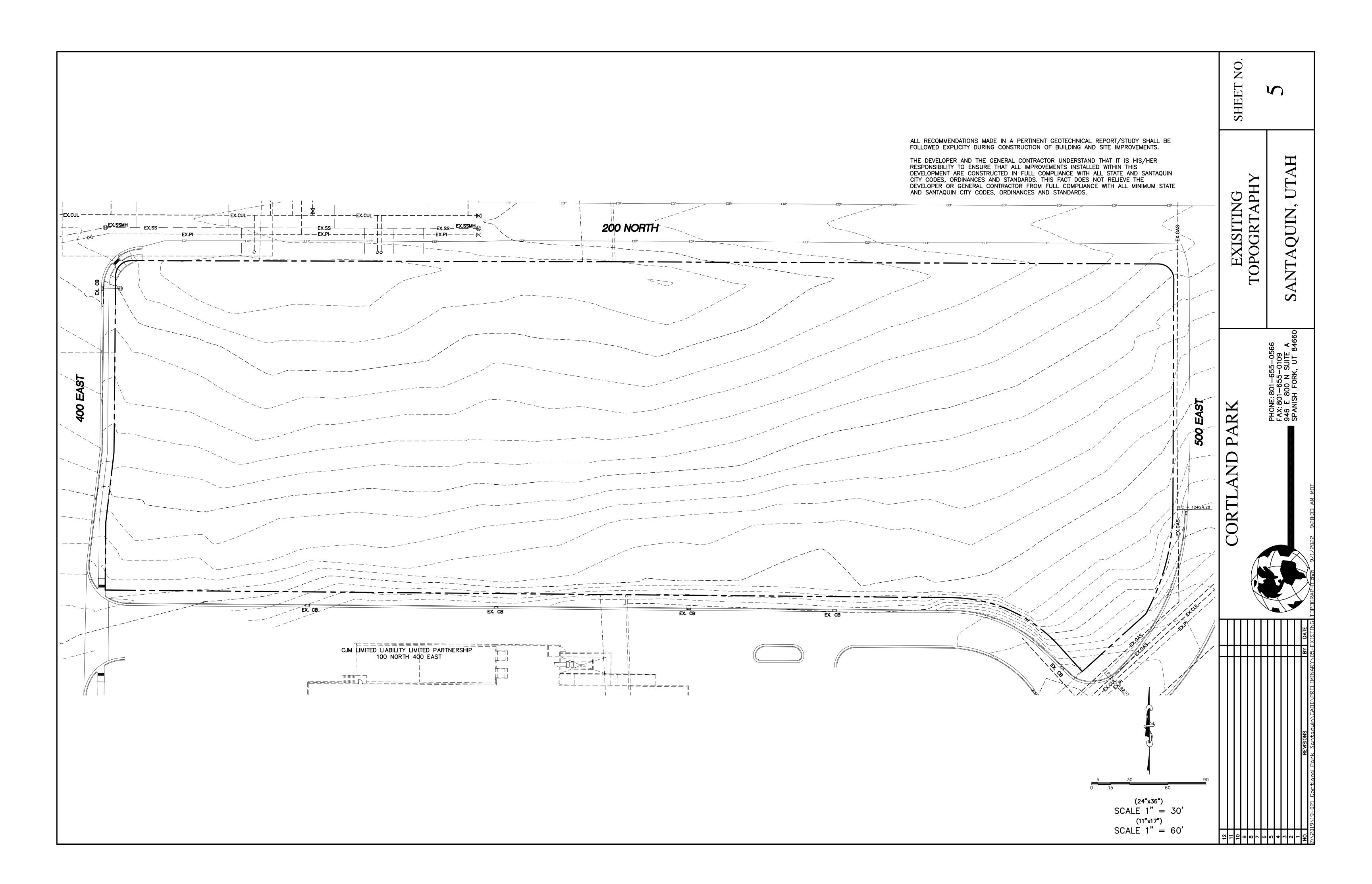
3. PARKING LOT AND BUILDING LIGHTING MUST BE SHIELDED AND DIRECTED DOWNWARD.

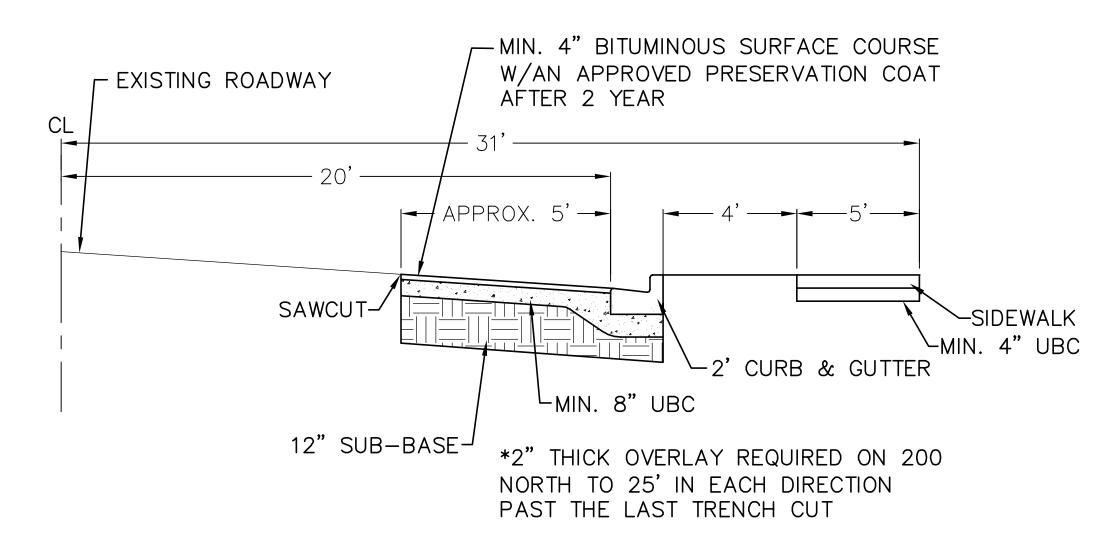
4. ALL BUILDINGS ARE TO BE FIRE-SPRINKLERED.











200 NORTH DETAIL

-NTS-

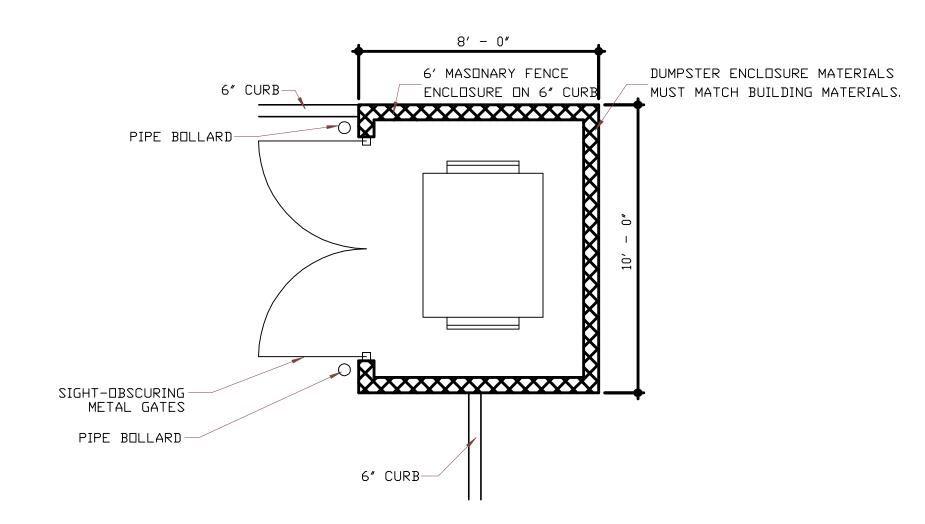
NOTES: . 100—YEAR WATER ELEVATION MAY NOT ENCROACH WITHIN 6" VERTICALLY OF ANY HABITABLE STRUCTURE OR EXCEED THE EDGE OF RIGHT-OF-WAY. 2. 100- YEAR WATER ELEVATION MAY NOT RISE ABOVE AN ELEVATION OF 3" BELOW THE TOP OF ANY BERM OR EDGE OF RIGHT-OF-WAY IF ADJACENT EXISTING BUILDINGS ARE BELOW STREET LEVEL.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

PREVIOUSLY DEVELOPED PROPERTIES, OR TO MEET GRADE AT INTERSECTIONS

CONTAINMENT OF 100-YEAR STORM, TO MATCH GRADE AT ADJACENT

MIN. 4" BITUMINOUS SURFACE COURSE W/AN APPROVED PRESERVATION COAT AFTER 2 YEAR FEXISTING ROADWAY SAWCUT ~SIDEWALK └MIN. 4" UBC -2' CURB & GUTTER LMIN. 8" UBC 12" SUB-BASE-





DUMPSTER ENCLOSURE

SCREENED ON THREE (3) SIDES WITH A MASONRY WALL HAVING A HEIGHT OF AT LEAST ONE (1') FOOT ABOVE RECEPTIACLE. 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.



NO.

9

Layer connectors should be incorporated before the next module is added to the

Perimeter of ACO StormBrixx®

access chamber

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

Cover and frame

18" diameter (450mm) solid ductile iron

Cover is rated to 40 ton loads.

cover and frame is available to complete the $StormBrixx^{\circledR}\ access\ chamber\ installation.$



Cut unit at guides for required pipe

into access chamber module.

connection. Push up to 2.5" (65mm) of pipe

ACO StormBrixx® Access Chamber

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

StormBrixx® systems can be jetted using

standard equipment.

upstream manholes.

inspection equipment. Where required, ACO

The modular stackable chamber is designed to be incorporated into any StormBrixx® detention/retention or infiltration system, and forms an integral part of the system's overall volume, removing the need for expensive

> 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 s clipped to the main structure using the StormBrixx[®] layer connectors.

> > www.ACOStormBrixx.us

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



Minimum cover depths (1) over the top of ACO StormBrix	
Location	Minimum cove 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 is to be read in conjunction with other ACO drawings and is subject to all ACO Polymer Products, Inc. guidance,

This drawing is for guidance purposes only. 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

└ to entire perimeter or made ground with a minimum CBR 🚽 of tank part number 314062 of 5% and suitable for anticipated load.

StormBrixx side panels

Length to Suit -

<u>PLAN</u>

6" [150mm] of sand or a self compacting medium size stone.

SECTION PROFILE

Road surface and depths to

suit engineer's specification.

Cover & Frame

6" [150mm] of sand

or a self compacting —

Undisturbed earth base of excavation

medium size stone.

Infiltration Inlet

Finished road surface:

bitumen, concrete, etc.

Pipe Connector

12" [300mm] of sand

ACO StormBrixx Access Chamber

part number 27034; appropriate

sides to be cut to the largest size —

diameter to allow access to the

SBD-1L-RA

DATE: 11/24/15

ISSUE: A

main StormBrixx structure.

or a self compacting —

medium size stone

Infiltration Inlet _____

Arizona Tel: 888-490-9552

ACO Polymer Products, Inc. INFILTRATION - STORMBRIXX SINGLE LAYER WITH ACCESS UNITS AND OVERFLOW (HARDSCAPE) 825 W. Beechcraft St 9470 Pinecone Drive Casa Grande, AZ 85122 Tel: 520-421-9988 INSTALLATION DRAWING - ACO STORMBRIXX Fax: 520-421-9899 Ohio Tel: 800-543-4764 e-mail: info@acousa.com www.acousa.com

Infiltration Overflow (optional)

— Pipe Connector

■ Infiltration Overflow (Optional)

ACO StormBrixx Access Chamber

part number 27034; appropriate

- sides to be cut to the largest size

diameter to allow access to the

main StormBrixx structure.

12" [300mm] of sand

or a self compacting

medium size stone

ACO StormBrixx tank piece 48" x 24" x 24" [1205x602.5x612mm (H)]

Brick or Cross Bonded (where applicable)

Geotextile fabric to

entire perimeter of tank.

refer to ACO documentation for part number 314061

Cover & Frame

Mentor, OH 44060 Fort Mill, SC 29708 Tel: 440-639-7230 Tel: 440-639-7230 Fax: 440-639-7235 Fax: 803-802-1063

4211 Pleasant Rd.

South Carolina Tel: 800-543-4764

