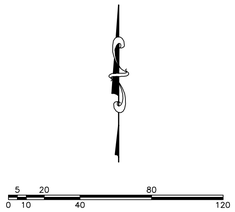
ORCHARD VISTA
SITEPLAN
SANTAQUIN, UTAH COUNTY, UTAH
PRELIMINARY PLAN SET
JUNE 2022



(24"x36")
SCALE 1" = 40'
(11"x17")
SCALE 1" = 80'

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=237
PARKING PROVIDED=239
BUILDING AREA SF=9x5,779=52,011
PARKING LOT AREA SF=75,174
LANDSCAPE AREA IN SF=94,971 (43%)

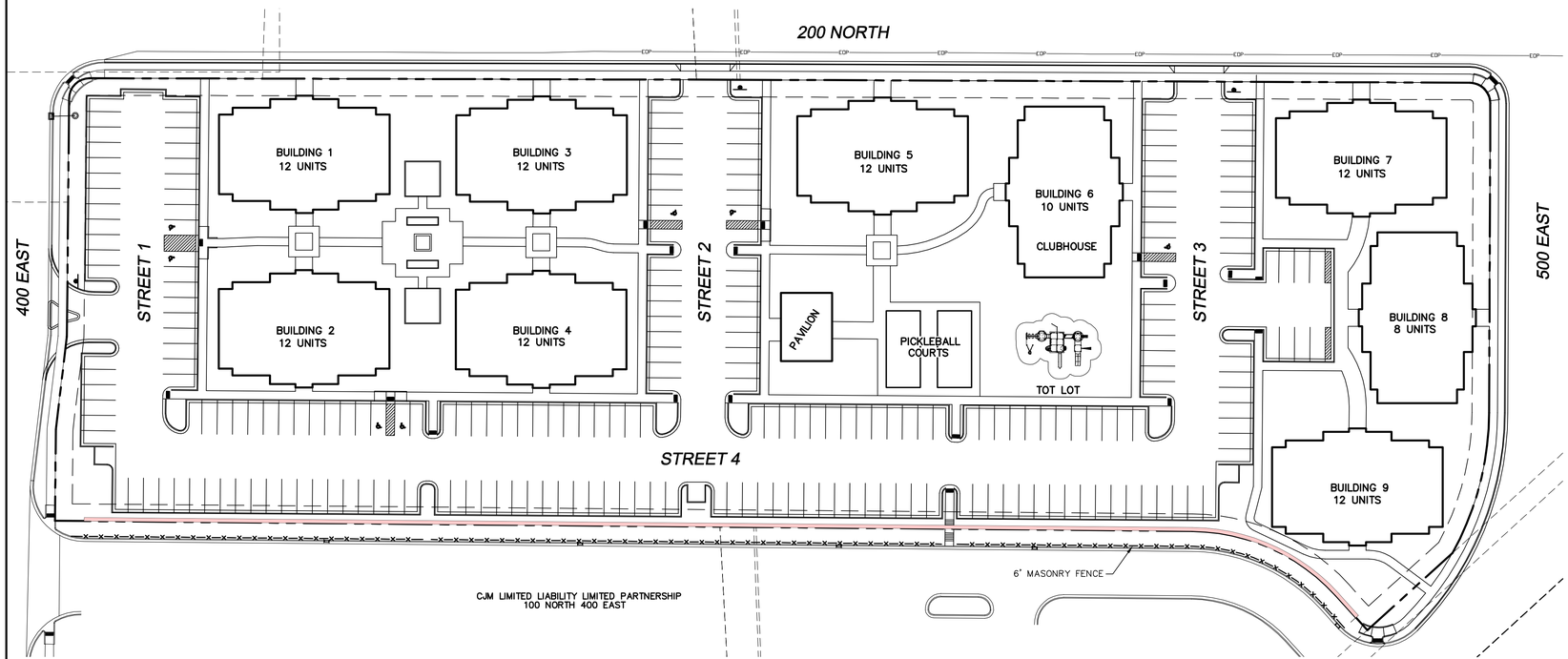
GENERAL NOTES:

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 ONE PHASE.
6. THE TOT LOT SHALL BE INSTALLED BEFORE THE COMMENCEMENT OF CONSTRUCTION OF THE 11TH RESIDENTIAL UNIT, PER THE DA REQUIREMENTS.

-SHEET INDEX-

BOUNDARY DESCRIPTION:

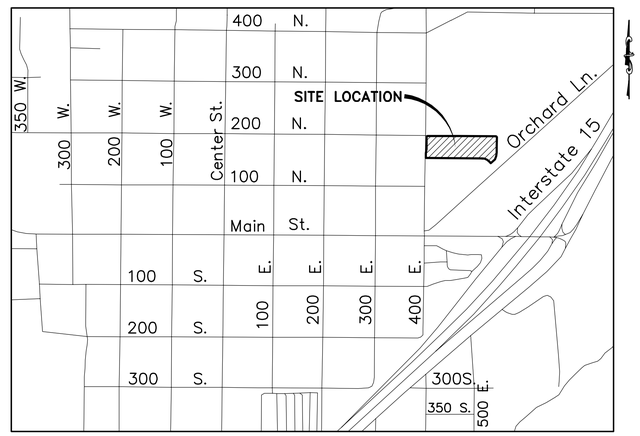
BEGINNING AT A POINT ON THE FUTURE EASTERLY LINE OF 400 EAST STREET LOCATED S00°30'42"E 1737.86 FEET ALONG THE QUARTER SECTION LINE AND S89°29'04"E 29.85 FEET FROM THE NORTH QUARTER CORNER OF SAID SECTION 1; AND RUNNING THENCE S89°29'04"E 666.49 FEET, THENCE SOUTHEASTERLY 94.95 FEET ALONG THE ARC OF 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 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

LEGEND APPLIES TO ALL SHEETS

- SECTION CORNER
- EXISTING VALVE
- EXISTING POWER POLE
- PROPERTY BOUNDARY
- CENTERLINE
- RIGHT-OF-WAY LINE
- LOT LINE
- SECTION LINE
- BUILDING SETBACK
- EASEMENT
- EXISTING DEED LINE
- 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
- FIRE HYDRANT
- STREET LIGHT



VICINITY MAP
-NTS-

ATLAS ENGINEERING L.L.C.
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

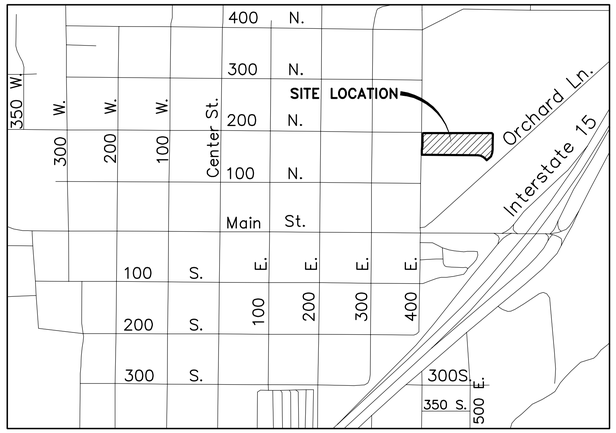
OWNER/DEVELOPER
BRY CHRISTENSEN
BRY@CLCHRISTENSEN.COM
801-269-1110

NOTES

1. ALL UNITS TO BE ADA ADAPTABLE.
2. IF 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.

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.
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.



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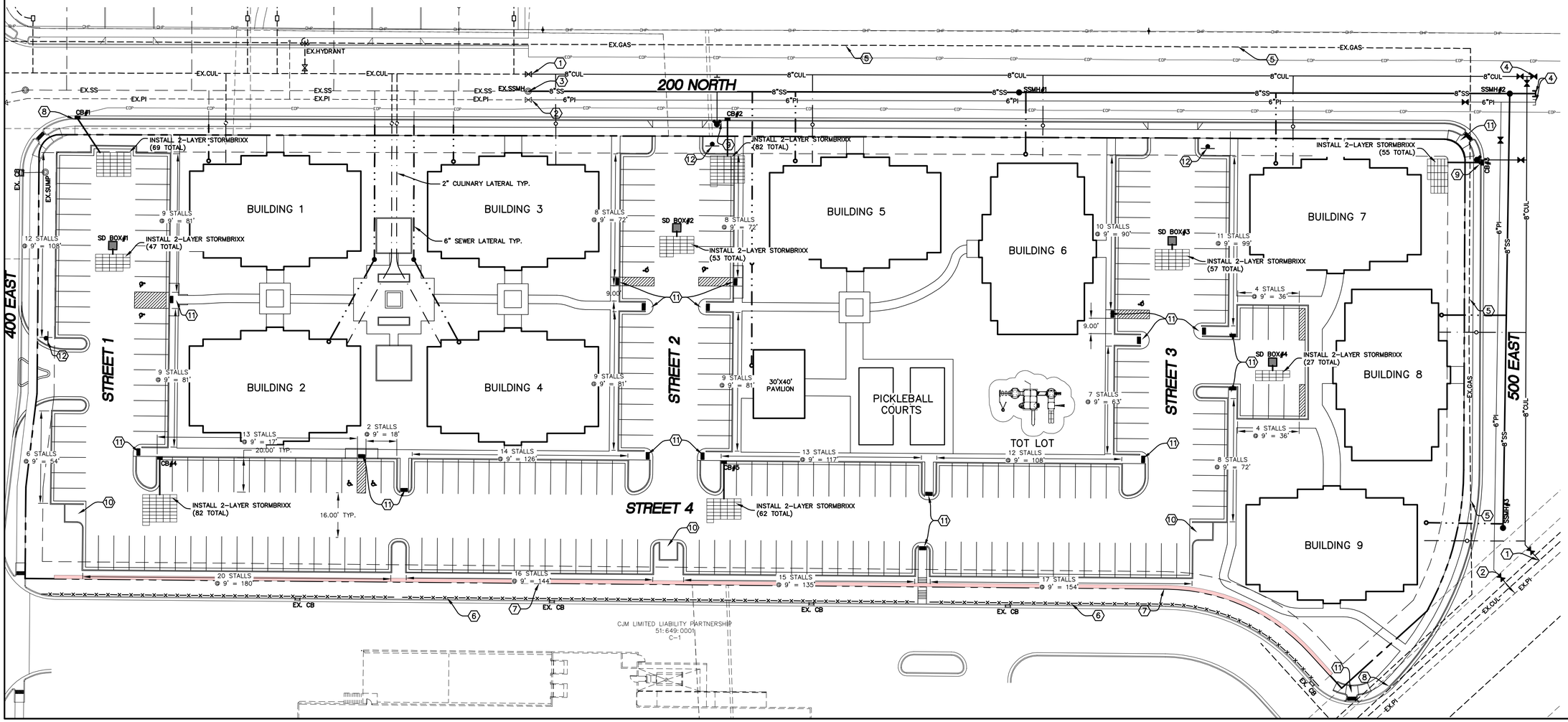
(24"x36")
SCALE 1" = 30'
(11"x17")
SCALE 1" = 60'



SHEET NO. 2

SITE PLAN

SANTAQUIN, UTAH

ORCHARD VISTA

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 EXPLICITY DURING CONSTRUCTION OF BUILDING AND SITE IMPROVEMENTS.

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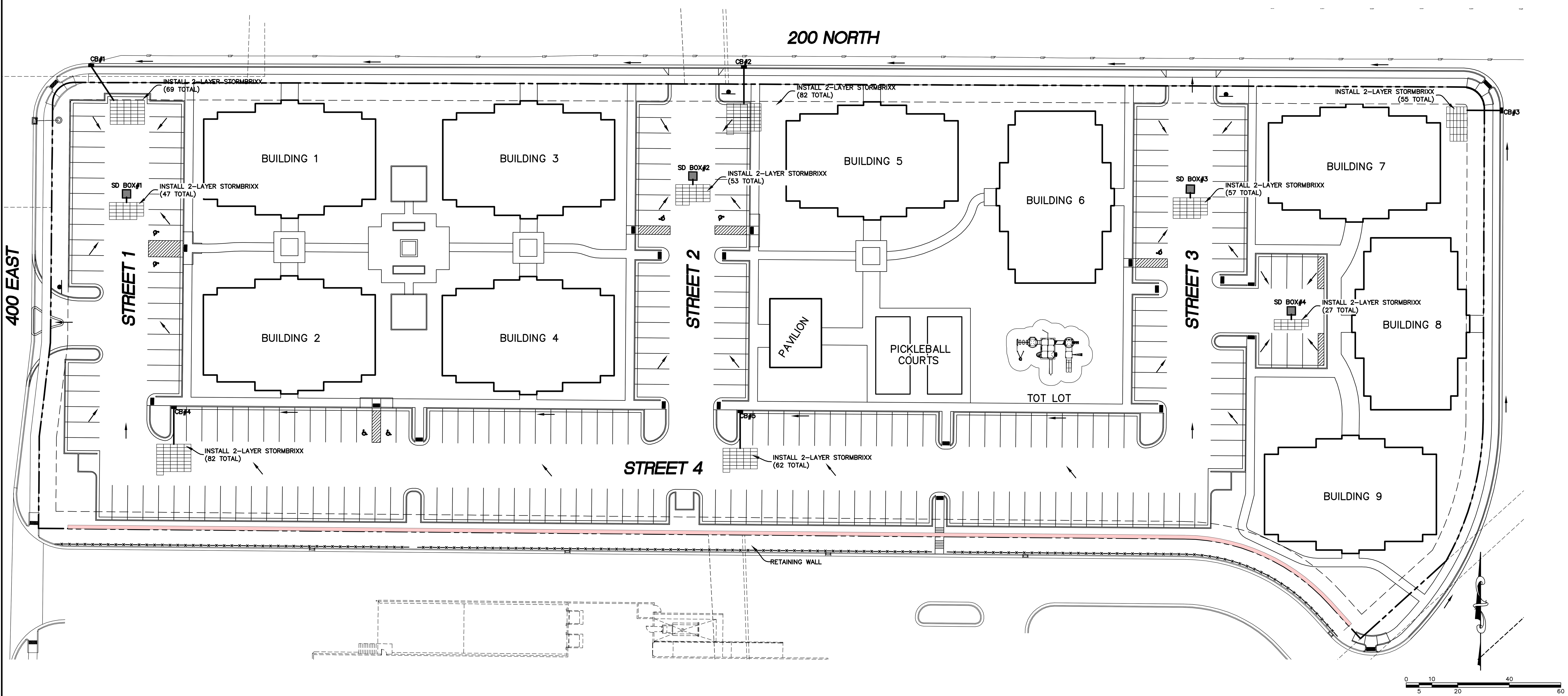

-24"x36"-
SCALE 1" = 20'
-11"x17"-
SCALE 1" = 40'

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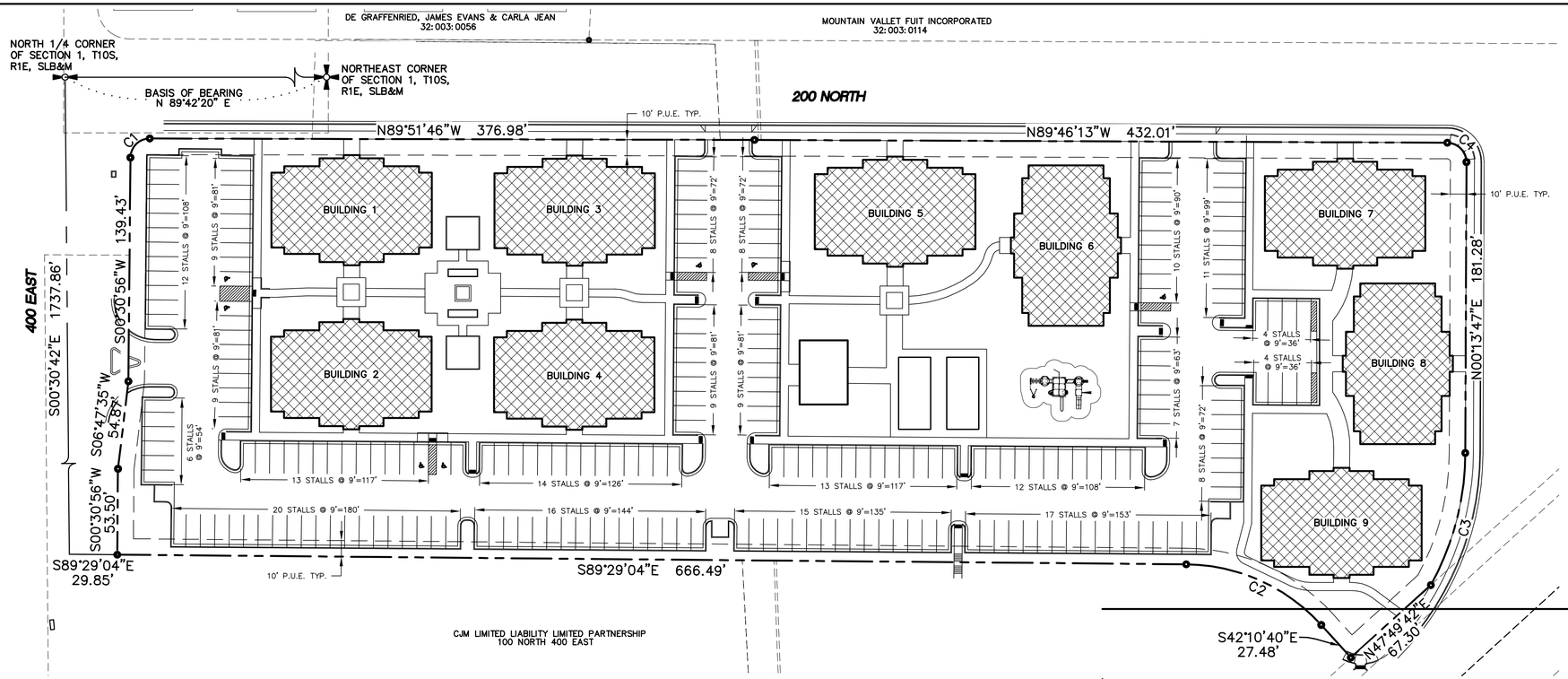
ORCHARD VISTA

ATLAS ENGINEERING L.L.C.
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84660

GRADING PLAN

SANTAQUIN, UTAH

SHEET NO. 3



SURVEYOR'S CERTIFICATE

I, BARRY L. PRETTYMAN DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, AND THAT I HOLD CERTIFICATE NO. 166406 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 THIS IS TRUE AND CORRECT.

SURVEYOR DATE

BOUNDARY DESCRIPTION

SEE 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 HEREOF WE HAVE HEREUNTO SET OUR HANDS THIS DAY OF _____. A.D. 2022.

OWNER: OWNER:

OWNER: OWNER:

ACKNOWLEDGMENT

STATE OF UTAH)
COUNTY OF UTAH) S.S.

ON THE _____DAY OF_____, A.D. 2022, PERSONALLY APPEARED BEFORE ME_____, WHOSE IDENTITY IS PERSONALY KNOWN BY ME OR PROVEN BY SATISFACTORY EVIDENCE 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_____, AND 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. 2022.

APPROVED BY MAYOR

APPROVED ATTEST

ENGINEER (SEE SEAL) CLERK-RECORDER

ORCHARD VISTA

SANTAQUIN CITY, UTAH COUNTY, UTAH

CONTAINING 9 BUILDINGS AND 5.10 ACRES

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

SURVEYOR'S SEAL	NOTARY PUBLIC SEAL	CITY ENGINEER SEAL	CLERK-RECORDER SEAL

LEGEND

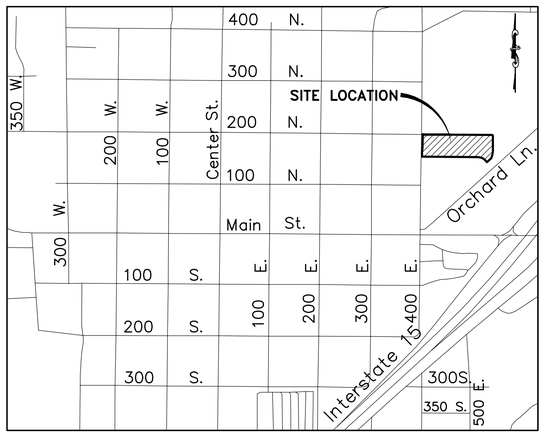
- FOUND BRASS CAP
- SET 5/8" IRON PIN
- CALCULATED POINT, NOT SET
- PROPERTY BOUNDARY
- RIGHT-OF-WAY LINE
- LOT LINE
- SECTION LINE
- EASEMENT
- CENTERLINE
- 1 PROPOSED LOT NUMBERS
- XXX X ADDRESSES
- PRIVATE AREA
- LIMITED COMMON AREA
- COMMON AREA

0 10 20 40 80 120

(24"x36")
SCALE 1" = 40'
(11"x17")
SCALE 1" = 80'

CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD DIST.	CHORD BRG.	DELTA
C1	12.00	18.77	16.91	S 45°19'35" W	89°37'17"
C2	115.00	94.95	92.28	N 65°49'52" W	47°18'24"
C3	171.14	85.96	85.06	N 14°37'25" E	28°46'45"
C4	12.00	18.85	16.97	N 44°46'13" W	90°00'00"

NOTES:
1. AREA BETWEEN SIDEWALK AND CURB ARE DESIGNATED FOR CITY STORM DRAINAGE PURPOSES AND CANNOT BE MODIFIED FROM THE APPROVED LANDSCAPE PLAN. ADJACENT LOT OWNERS ARE RESPONSIBLE FOR THIS AREA WITHIN THE CITY RIGHT OF WAY, INCLUDING IRRIGATION. A MAXIMUM 24' WIDE DRIVEWAY WILL BE ALLOWED FOR EACH LOT.



VICINITY MAP
-NTS-

ENGINEER/SURVEYOR INFO:
ATLAS ENGINEERING
PHONE: 801-655-0566
FAX: 801-655-0109
946 E 800 N SUITE A
SPANISH FORK, UT 84606

BEGINNING AT A POINT ON THE 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 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.

DOMINION ENERGY

DOMINION APPROVES THIS PLAT SOLELY FOR THE PURPOSE OF CONFIRMING THAT THE PLAT CONTAINS PUBLIC UTILITY EASEMENTS. DOMINION 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'S RIGHT-OF-WAY DEPARTMENT AT 1-800-366-8532.

APPROVED_____
DOMINION ENERGY

ROCKY MOUNTAIN POWER APPROVAL

APPROVED THIS ____DAY OF_____, A.D. 2022.

ROCKY MOUNTAIN POWER REPRESENTATIVE

CONVEYANCE OF COMMON AREAS TO ASSOCIATION

THE UNDERSIGNED OWNER IN RECORDING THIS PLAT, HAS DESIGNATED CERTAIN AREAS OF THE LAND AS PRIVATE DRIVEWAYS, STREETS, LIMITED COMMON AREAS AND OTHER COMMON AREAS INTENDED FOR THE USE BY MEMBERS OF SUMMIT TOWNHOMES HOMEOWNERS ASSOCIATION, THEIR GUESTS AND INVITEES. SUCH AREAS ARE TO BE CONVEYED TO THE APPROPRIATE PARTIES, INCLUDING THE CONVEYANCE OF COMMON AREAS TO SUMMIT TOWNHOMES HOMEOWNERS ASSOCIATION, BY DEED, TO BE RECORDED IN THE UTAH COUNTY RECORDERS OFFICE, FOR THE USE AND ENJOYMENT BY THE OWNERS OF LOTS OR DWELLINGS IN THE PLAT "A" SUMMIT TOWNHOMES PROJECT AS MORE FULLY DESCRIBED IN THE DECLARATION OF COVENANTS CONDITIONS AND RESTRICTIONS APPLICABLE TO THIS PROJECT AND RECORDED WITH THIS PLAT.

CENTRACOM APPROVAL

APPROVED THIS ____DAY OF_____, A.D. 2022.

CENTRACOM REPRESENTATIVE

CENTURYLINK APPROVAL

APPROVED THIS ____DAY OF_____, A.D. 2022.

CENTURYLINK REPRESENTATIVE

NOTE OF DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS

THIS PROJECT, WITH ITS LOTS, DWELLINGS AND COMMON AREAS ARE SUBJECT TO CERTAIN COVENANTS, CONDITIONS AND RESTRICTIONS AS CONTAINED IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR PLAT "A" SUMMIT TOWNHOMES, WHICH ARE RECORDED IN THE OFFICES OF THE UTAH COUNTY RECORDER. SAID COVENANTS, CONDITIONS AND RESTRICTIONS ARE INTENDED TO RUN WITH THE LAND AND TO BE BINDING UPON ALL HEIRS, SUCCESSORS OR ASSIGNS OF THE DECLARANT IN ACCORDANCE WITH THE RECORDED DECLARATION.

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200 NORTH

400 EAST

500 EAST

EX.CUL EX.SSMH EX.SS EX.PI EX.GAS EX.CB EX.OIL

CJM LIMITED LIABILITY LIMITED PARTNERSHIP
100 NORTH 400 EAST

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

SHEET NO. 5

EXISITING TOPOGRTAPHY

SANTAQUIN, UTAH

ORCHARD VISTA

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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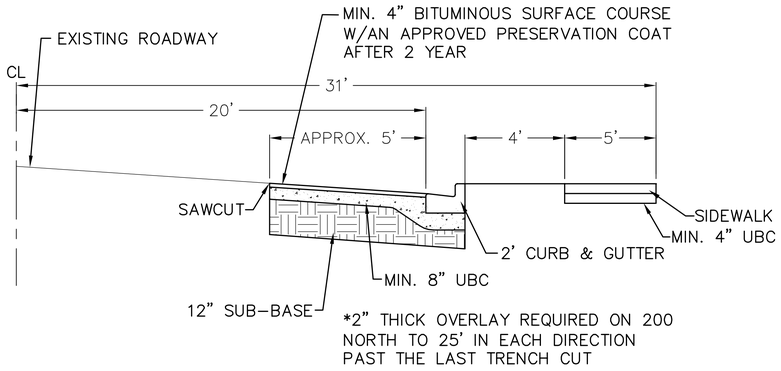
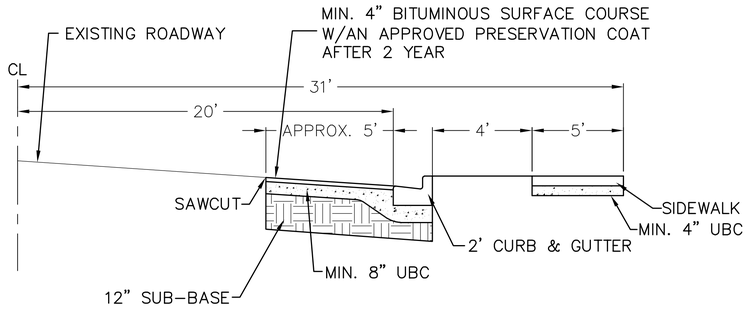


200 NORTH DETAIL

-NTS-

NOTES:

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



500 EAST DETAIL

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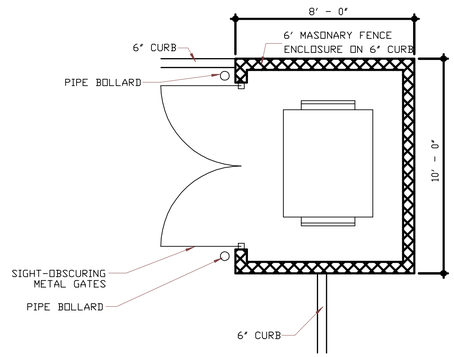

DUMPSTER ENCLOSURE

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.

SHEET NO. 6

DETAIL SHEET

SANTAQUIN, UTAH

ORCHARD VISTA

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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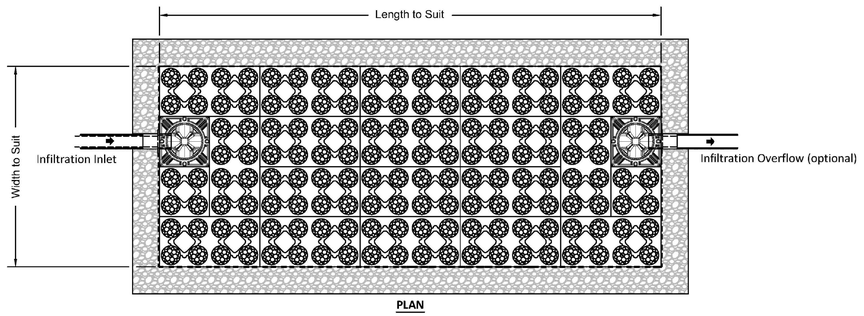
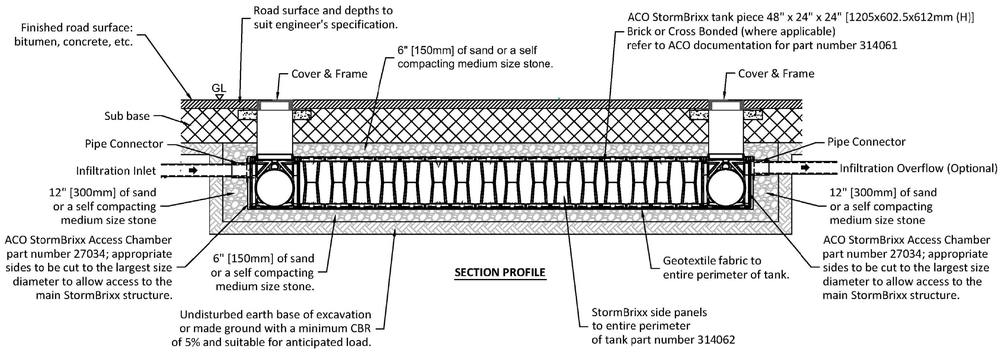


PLAN



SECTION PROFILE

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

SBD-1L-RA

DATE: 11/24/15

ISSUE: A

INFILTRATION - STORMBRIXX SINGLE LAYER WITH ACCESS UNITS AND OVERFLOW (HARDSCAPE)

INSTALLATION DRAWING - ACO STORMBRIXX

ACO Polymer Products, Inc.

825 W. Beechcraft St
Casa Grande, AZ 85122
Tel: 520-421-9988
Fax: 520-421-9899

9470 Pinecone Drive
Mentor, OH 44060
Tel: 440-639-7230
Fax: 440-639-7235

4211 Pleasant Rd.
Fort Mill, SC 29708
Tel: 440-639-7230
Fax: 803-802-1063

Arizona Tel: 888-490-9552 e-mail: info@acousa.com Ohio Tel: 800-543-4764 www.acousa.com South Carolina Tel: 800-543-4764

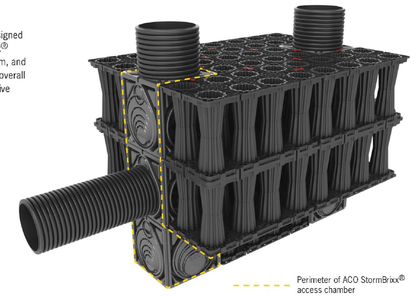
ACO StormBrixx® Access Chamber

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 inspection equipment. Where required, ACO StormBrixx® systems can be jetted using standard equipment.

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 upstream manholes.

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.

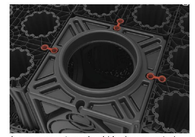
Cover and frame
18" diameter (450mm) solid ductile iron cover and frame is available to complete the StormBrixx® access chamber installation. Cover is rated to 40 ton loads.



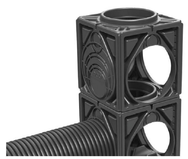
Perimeter of ACO StormBrixx® access chamber

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 StormBrixx® layer connectors.

www.ACOStormBrixx.us

SHEET NO. 7

DETAIL SHEET

SANTAQUIN, UTAH

ORCHARD VISTA

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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200 NORTH

400 EAST

STREET 1

STREET 2

STREET 3

STREET 4

BUILDING 1

BUILDING 2

BUILDING 3

BUILDING 4

BUILDING 5

BUILDING 6

BUILDING 7

BUILDING 8

BUILDING 9

PAVILLION

PICKLEBALL COURTS

TOT LOT

FIRE ACCESS LANE

5 0 15 30 60 90

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

FIRE ACCESS/
OPEN SPACE PLAN

SHEET NO.
8

SANTAQUIN, UTAH

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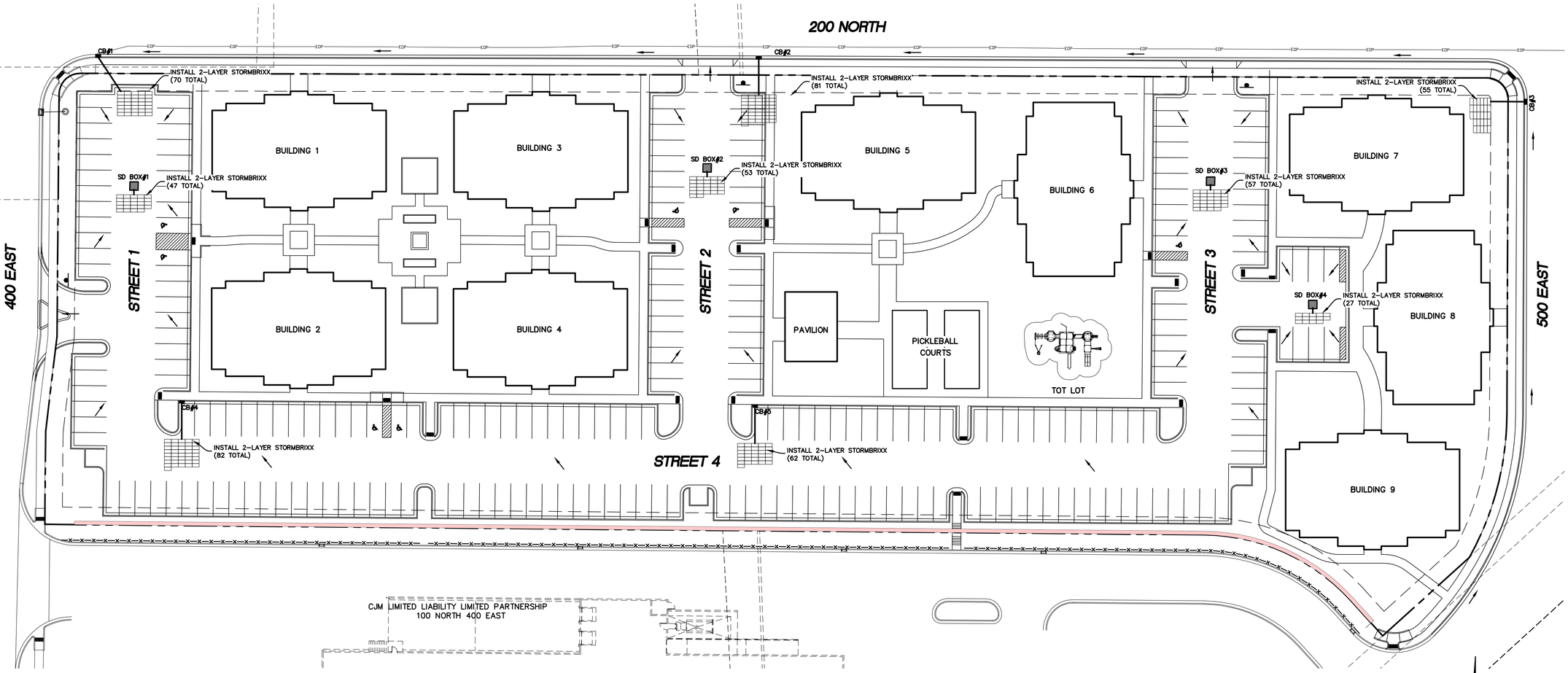
ALL RECOMMENDATIONS MADE IN A PERTINENT GEOTECHNICAL REPORT/STUDY SHALL BE FOLLOWED EXPLICITY DURING CONSTRUCTION OF BUILDING AND SITE IMPROVEMENTS.

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.



0 15 30 60 90

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

SHEET NO. 9

TBC PLAN

SANTAQUIN, UTAH

ORCHARD VISTA

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946 E 800 N SUITE A
SPANISH FORK, UT 84660

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