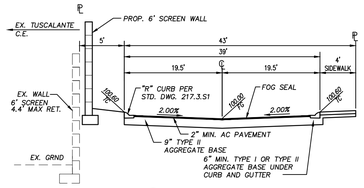
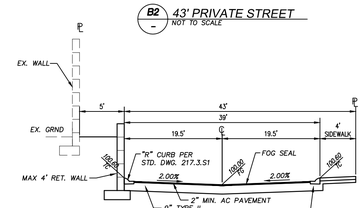
PUD-25-0572

SITE PLAN OF CACTUS TRAILS

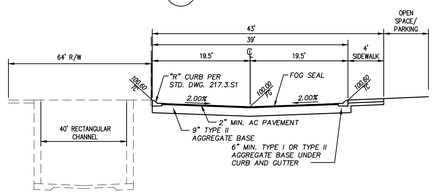
A SINGLE FAMILY RESIDENTIAL SUBDIVISION BY KAVISON HOMES LLC



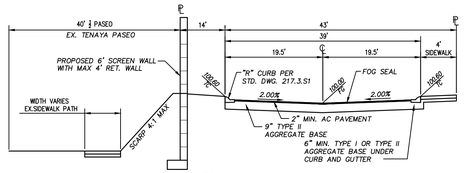
B2 – 43' PRIVATE STREET
NOT TO SCALE



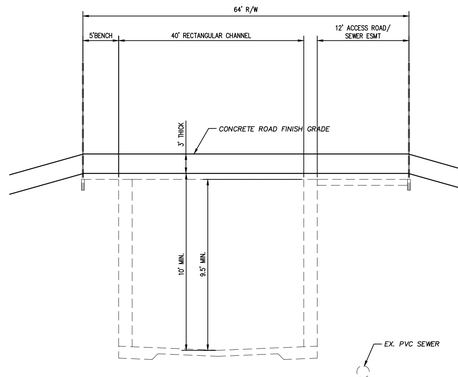
B3 – 43' PRIVATE STREET
NOT TO SCALE



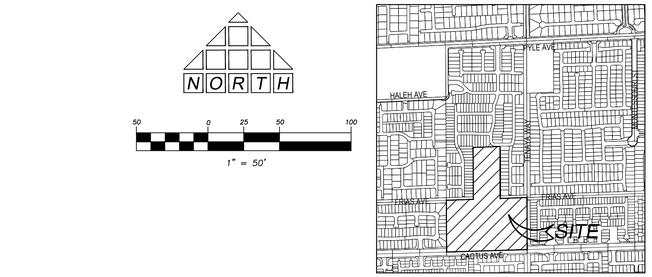
B4 – 43' PRIVATE STREET
NOT TO SCALE



B5 – 43' PRIVATE STREET
NOT TO SCALE



F – CHANNEL BRIDGE
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

LEGEND

- EXISTING SEWER LINE AND MANHOLE
- EXISTING WATER LINE
- CLEAN OUT
- PROPOSED WATER LINE
- PROPOSED SEWER LINE AND MANHOLE
- FIRE HYDRANT
- STREETLIGHT
- 2 – LOT NUMBER
- BOUNDARY LINE / LOT LINE
- 0.40% – RATE OF GRADE AND DIRECTION OF SLOPE (APPLIES TO BOTH STREET AND SEWER UNLESS OTHERWISE INDICATED)
- PATIO EASEMENT (FINAL LOCATIONS ON FINAL MAP TO BE BASED ON HOUSE MODELS SELECTED FOR EACH LOT)

SITE TABULATIONS:

APN: # 176-27-401-013

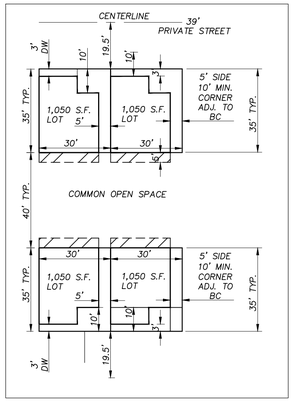
CURRENT LAND USE:	MN – MID-INTENSITY SUBURBAN
PROPOSED LAND USE:	CN – COMPACT NEIGHBORHOOD
CURRENT ZONING:	RS20
PROPOSED ZONING:	RS2 PUD
TOTAL GROSS AREA:	20.1± AC
DENSITY:	10.44 DUA (GROSS)
TOTAL NUMBER OF LOTS:	210
MIN. LOT SIZE:	1050 SF
AVERAGE LOT SIZE:	1050 SF
NUMBER OF COMMON ELEMENTS:	17
OPEN SPACE REQUIRED (Per 30.02.08)	41,600 SF (200 SF/UNIT)
TOTAL OPEN SPACE PROVIDED:	254,856 S.F.

DEVELOPER

KAVISON HOMES LLC
8975 S. PECOS, BC
HENDERSON, NEVADA 89074
PHONE: (702) 721-6111
CONTACT: TODD STRATTON

OWNER

USA



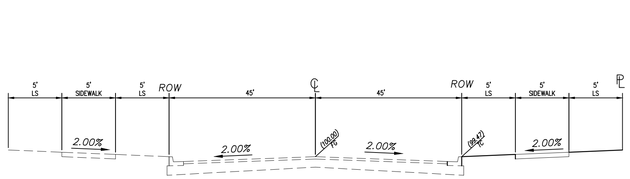
SETBACKS -

FRONT SETBACK TO BUILDING	3' MIN
GARAGE SETBACK	3' MIN
SIDE PROPERTY LINE	0'/5'
REAR PROPERTY LINE	0'
CORNER SIDE PROPERTY LINE	10'

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call
OR
1-800-642-2444

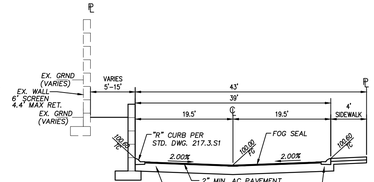
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVER-HEAD
1-702-227-2929

NOTE: THIS PLAN WAS PREPARED USING RECORD GIS INFORMATION. IT IS ILLUSTRATIVE IN NATURE AND IS TO BE USEED FOR PLANNING PURPOSES ONLY. NO LIABILITY IS ASSUMED

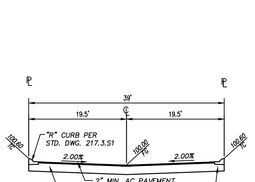


EXISTING FULL STREET IMPROVEMENTS

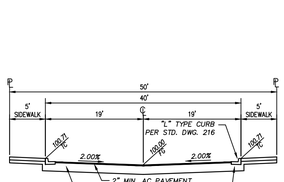
A – 100' STREET SECTION
NOT TO SCALE



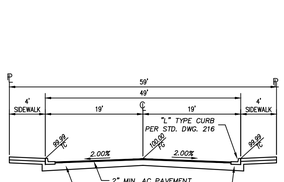
B – 43' PRIVATE STREET
NOT TO SCALE



C – 39' PRIVATE STREET
NOT TO SCALE



D – 50' PRIVATE ENTRY STREET
NOT TO SCALE



E – 59' PRIVATE ENTRY STREET
NOT TO SCALE

REVISION	BY	DATE	KEV

SCALE: 1"=40'
DRAWN BY:
DESIGNED BY:
CHECKED BY:
COMMENTS ADDRESSED BY:
PROJECT NO. 221-24008

THOMASON CONSULTING ENGINEERS
7080 LA CIENEGA STREET, SUITE 200
LAS VEGAS, NEVADA 89119
702-932-6125 FAX: 702-932-6129

KAVISON HOMES LLC
CACTUS TRAILS
SITE PLAN 1

SHEET SP1
1 OF 2
DRAWING NO.
DATE PREPARED: 8/22/24

SITE PLAN OF CACTUS TRAILS

A SINGLE FAMILY RESIDENTIAL SUBDIVISION

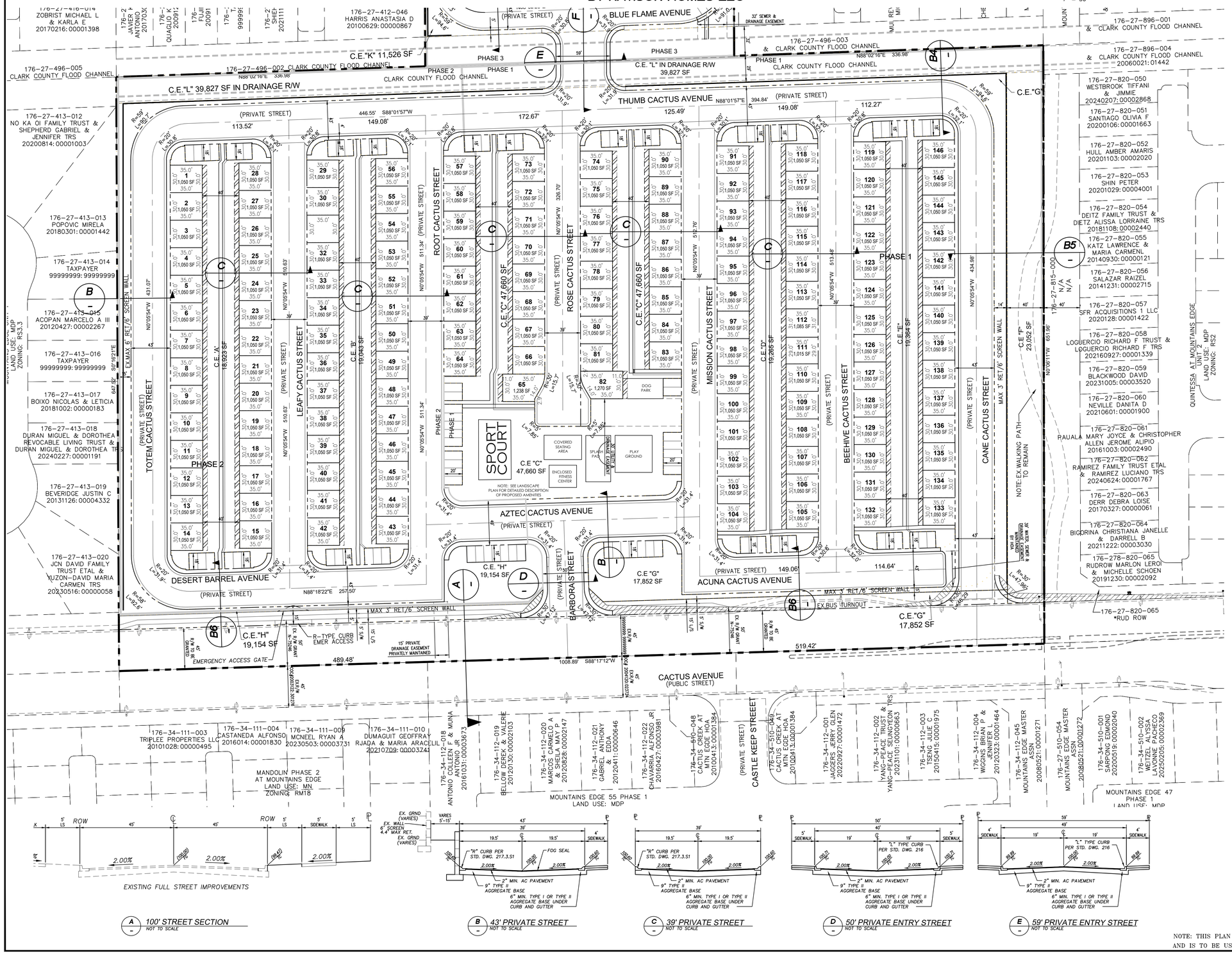
BY KAVISON HOMES LLC

LEGAL DESCRIPTION

Mount Diablo Meridian, Nevada

T. 22 S., R. 60 E.,

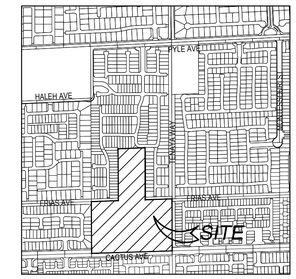
SEC. 27, W½ NE¼ SE¼ SW¼, E½ SW¼ SE¼ SW¼, and SE¼ SE¼ SW1/4.



NORTH

50 0 25 50 100

1" = 50'



LOCATION MAP

NOT TO SCALE

LEGEND

- EXISTING SEWER LINE AND MANHOLE
- EXISTING WATER LINE
- CO CLEAN OUT
- PROPOSED WATER LINE
- PROPOSED SEWER LINE AND MANHOLE
- FIRE HYDRANT
- STREETLIGHT
- 2 LOT NUMBER
- BOUNDARY LINE / LOT LINE
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- PATIO EASEMENT (FINAL LOCATIONS ON FINAL MAP TO BE BASED ON HOUSE MODELS SELECTED FOR EACH LOT)

SITE TABULATIONS:

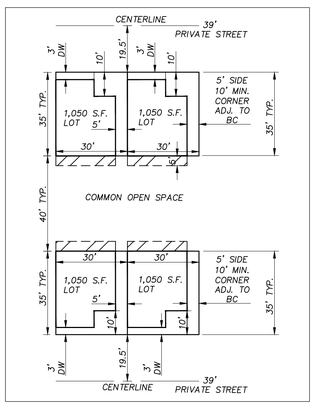
APN: # 176-27-401-013	
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DEVELOPER

KAVISON HOMES LLC
237 CHACO CANYON
HENDERSON, NEVADA 89074
PHONE: (702) 721-6111
CONTACT: TODD STRATTON

OWNER

USA



SETBACKS -

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GARAGE SETBACK	3' MIN
SIDE PROPERTY LINE	0'/5'
REAR PROPERTY LINE	0'
CORNER SIDE PROPERTY LINE	10'

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Avoid cutting underground utility lines. It's costly.
811 or 1-800-642-2444

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
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1-702-227-2929

A – 100' STREET SECTION – NOT TO SCALE

B – 43' PRIVATE STREET – NOT TO SCALE

C – 39' PRIVATE STREET – NOT TO SCALE

D – 50' PRIVATE ENTRY STREET – NOT TO SCALE

E – 59' PRIVATE ENTRY STREET – NOT TO SCALE

NOTE: THIS PLAN WAS PREPARED USING RECORD GIS INFORMATION. IT IS ILLUSTRATIVE AND IS TO BE USED FOR PLANNING PURPOSES ONLY. NO LIABILITY IS ASSUMED

REV	DATE	BY	REVISION

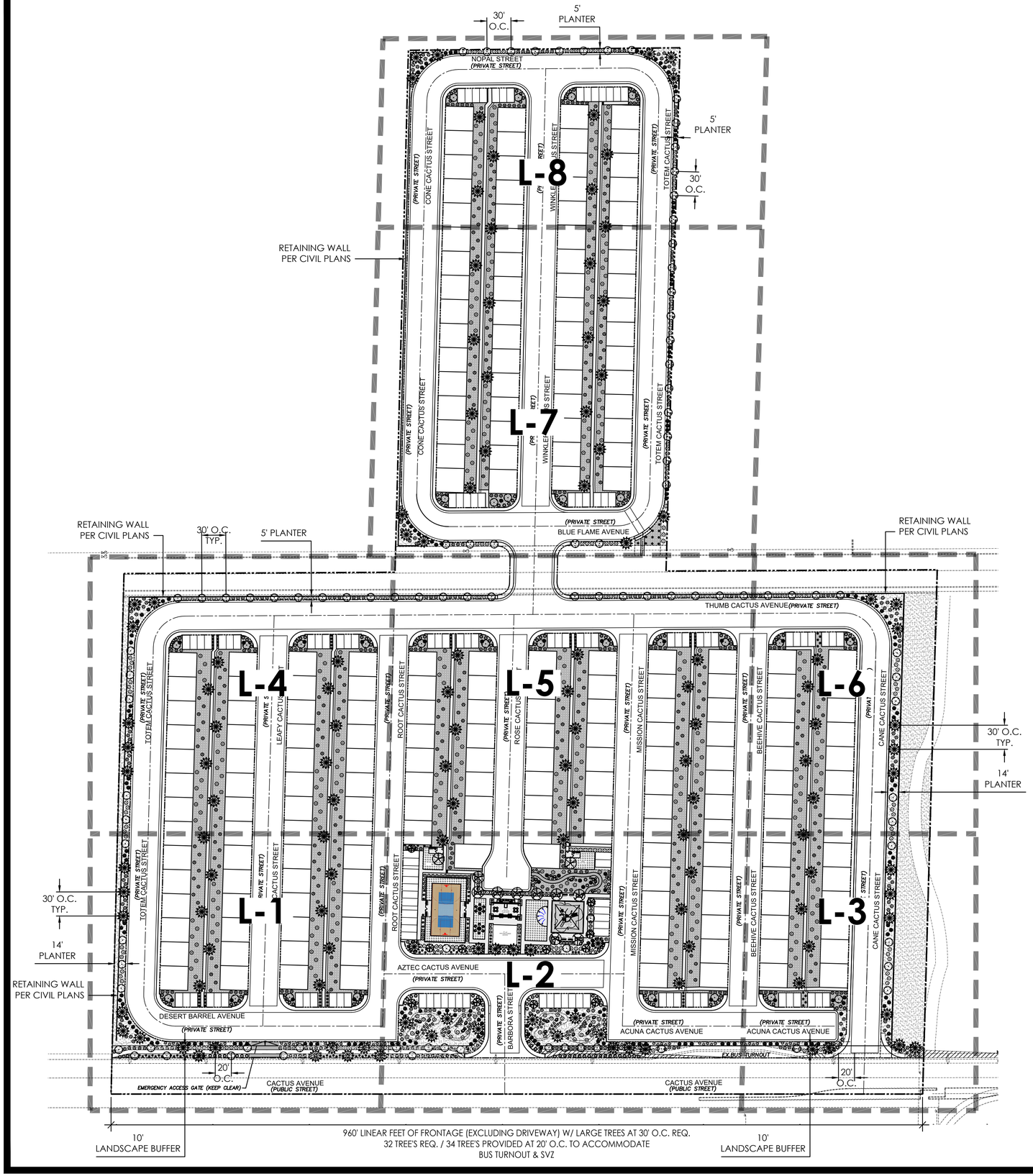
DRAWN BY:
SCALE: 1"=40'
DESIGNED BY:
CHECKED BY:
COMMENTS ADDRESSED BY:
PROJECT NO. 221-24008

T THOMASON
C CONSULTING
E ENGINEERS
7080 LA CIENEGA STREET, SUITE 200
LAS VEGAS, NEVADA 89119
702-932-6125 FAX: 702-932-6129

KAVISON HOMES LLC
CACTUS TRAILS

SITE PLAN 2

SHEET SP2
2 OF 2
DRAWING NO.
DATE PREPARED: 8/22/24



TREES	COMMON / BOTANICAL NAME	SIZE	QTY.	RATING	WATER USE	TREE TYPE	TREE SIZE	HEIGHT	WIDTH	CANOPY SIZE	MINIMUM CALIPER SIZE
	CHINESE PISTACHE Pistacia chinensis	24" Box	11	3	L	D	L	35	30	530	1 1/2"
	DESERT MUSEUM PALO VERDE (STD.) Parkinsonia x 'Desert Museum'	24" Box	136	3	V,L	S	M	25	25	368	1 1/2"
	SHOESTRING ACACIA Acacia stenophylla	24" Box	11	3	L	E	L	40	20	236	1 1/2"
	MULGA ACACIA Acacia aneura	24" Box	125	5	V	E	M	20	15	133	1 1/2"

SHRUBS	COMMON / BOTANICAL NAME	SIZE	QTY.	"BULLETPROOF"	WATER USE	SHRUB TYPE	GROWTH RATE	HEIGHT	WIDTH	COVERAGE
	TEXAS RANGER Leucophyllum Frutescens 'Green Cloud'	5 Gal.	654	YES	L	E	S	6	6	28
	PURPLE TRAILING LANTANA Lantana Montevidensis	5 Gal.	242	NO	L	D	F	1	6	28
	RED YUCCA Hesperaloe Parviflora	5 Gal.	159	YES	L	E	M	3	3	7
	PROSTRATE ROSEMARY Rosmarinus Officinalis 'Prostratus'	5 Gal.	95	NO	L	E	M,F	2	4	13
	FEATHERY SENNA Senna Artemisioides	5 Gal.	503	YES	VL,L	E	M	6	6	28
	SIERRA GOLD DALEA Dalea capitata 'Sierra Gold'	5 Gal.	80	YES	L	D	F	1	3	7
	DESERT SPOON Dasylirion Wheeleri	5 Gal.	193	YES	L	E	M	5	6	28

MATERIALS

- 3/4" Screened Rock - Vista Gold (or similar)
- 2" - 4" Chunky Rock - Vista Gold (or similar)
- 1/4" Minus DG (Chat) - Vista Gold (or similar)
- Tiger Turf - Artificial turf
- 24"-36" Landscape Boulders(25)

PROJECT DATA

APN#:	176-27-401-013
CURRENT ZONING:	RS20
PROPOSED ZONING:	RS2 PUD

PLANTING REQUIREMENTS

C.C TITLE 30.64 Site Landscape and Screening Standards
Table 30.64-1 Single Family Residential Screening and Landscape Buffer Requirements

DESCRIPTION	REQUIRED	PROVIDED
LANDSCAPE BUFFER		
CACTUS AVE. 1- LARGE 24-INCH BOX TREE /30 L.F	960 LF/30 LF= 32 TREES	34 MEDIUM TREES @ 20' O.C.
ADJACENT TO A LESS INTENSIVE USE - 24-INCH BOX TREE /30 L.F (WEST PROPERTY)	559 LF/30 LF= 19 TREES (NOT REQUIRED)	19 TREES
ADJACENT TO A LESS INTENSIVE USE - 24-INCH BOX TREE /30 L.F (NORTH PROPERTY)	960 LF/30 LF= 32 TREES (NOT REQUIRED)	30 TREES
ADJACENT TO A LESS INTENSIVE USE - 24-INCH BOX TREE /30 L.F (EAST PROPERTY)	559 LF/30 LF= 19 TREES (NOT REQUIRED)	19 TREES
SHRUBS (3)- 5 GAL. SHRUB PER (1) TREE LANDSCAPE BUFFER - CACTUS AVE.	32 TREES X 3 SHRUBS = 96 SHRUBS REQUIRED	34 TREES 186 SHRUBS
PARKING AREA		
PARKING LOT LANDSCAPE 1 MEDIUM TREE/ PER 6 STALLS	119 STALLS/6 STALLS= 20 TREES	35 TREES

NORTH

SCALE: NTS

Call before you Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call 811 OR 1-800-227-2600
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
1-702-227-2929

LICENSES: A-10 #26544
C-10 #26545
C-10 #73957
JESSICA NAYLOR
SIGN: Jessica Naylor

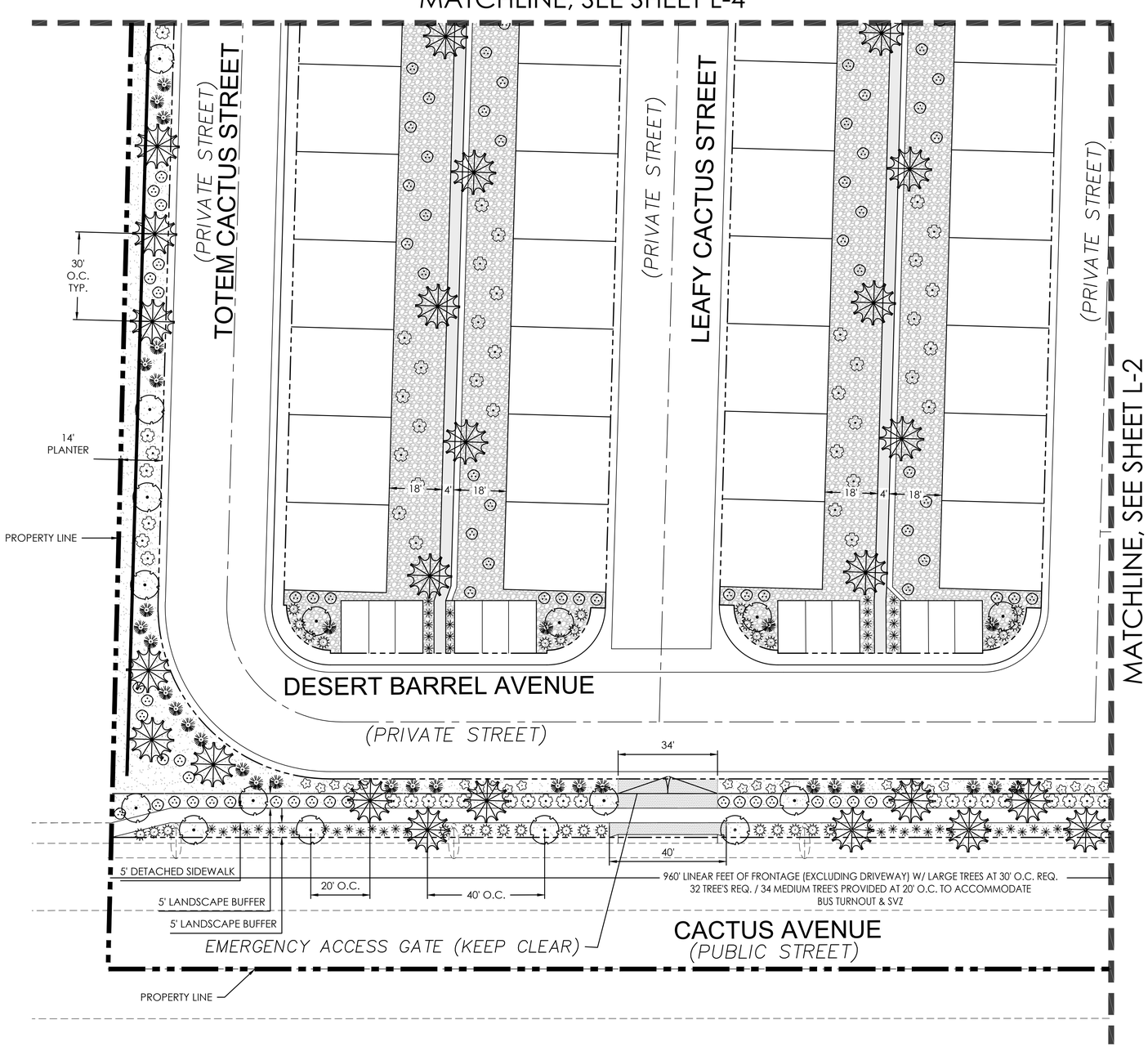
GTI 1, INC
1220 S. COMMERCE ST. #120
LAS VEGAS, NV. 89102
OFFICE: 725-253-5486

CACTUS TRAILS
KAVINSON HOMES LLC
LAS VEGAS, NEVADA

LANDSCAPE PLAN

Date: 7-22-2025
Drawn by: RSJ
Salesperson: SH

L-0

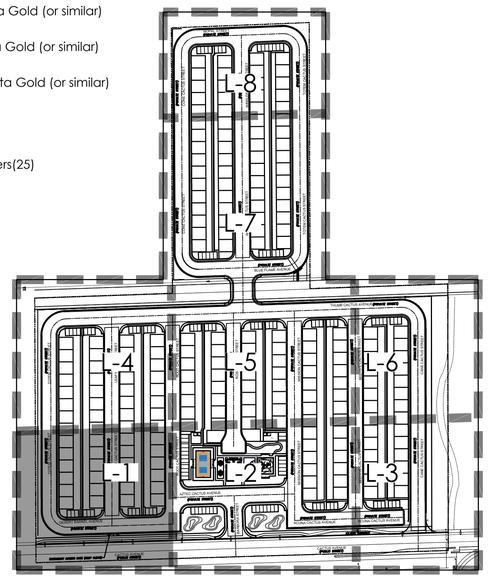


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KEYMAP - NTS

NORTH

SCALE: 1" = 20'-0"
0' 10' 20' 40' 60'

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AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL UTILITY SERVICE 1-702-227-2929

GTI 1, INC
1220 S. COMMERCE ST. #120
LAS VEGAS, NV. 89102
OFFICE: 725-253-5486

LICENSES: A-10 #26544
C-10 #26545
C-10 #73957

JESSICA NAYLOR
SIGN: Jessica Naylor

CACTUS TRAILS
KAVINSON HOMES LLC
LAS VEGAS, NEVADA

LANDSCAPE PLAN

Date: 7-22-2025
Drawn by: RSJ
Salesperson: SH

L-1

CUSTOM 48" ROUND FIRE PIT W/ GAS HOOK-UP
STONE FINISH W/ CONCRETE CAP

48" HT. CHAIN-LINK FENCE W/ CONCRETE CURBING

35'-10" X 65'-4" MULTI-SPORT COURT TO INCLUDE:
BASKETBALL, PICKLEBALL, & VOLLEYBALL

DOG PARK FOR SMALL DOGS W/ DOUBLE
ACCESS GATES, 48" HT. CHAIN-LINK FENCE
(1) BENCH & (1) DOGGIE STATION W/ TRASH

37' X 18' SOLID ALUMAWOOD COVER W/ 6 STANDARD POSTS & INSULATED ROOF

42" TALL BAR TOP W/ SLIDE-IN SEATING - GRANITE COUNTERTOP

COVERED OUTDOOR KITCHEN
DOUBLE BBQ ISLAND W/ CENTER COUNTER SPACE
BUILT-IN GRILL & FRIDGE ON EACH SIDE - GRANITE COUNTERTOP
(2) PICNIC TABLES

DOG PARK FOR LARGE DOGS W/ DOUBLE
ACCESS GATES, 48" HT. CHAIN-LINK FENCE
(1) BENCH & (1) DOGGIE STATION W/ TRASH

4' WIDE DG PATH W/ STD. EDGING

MATCHLINE, SEE SHEET L-5

(2) PARK BENCHES

25' x 13'-6" SPLASH PAD W/
(5) ARC JETS,
(1) ACTIVATION BOLLARD

TRASH

ROOT CACTUS STREET

MISSION CACTUS STREET

(PRIVATE STREET)

(PRIVATE STREET)

MATCHLINE, SEE SHEET L-1

MATCHLINE, SEE SHEET L-3

AZTEC CACTUS AVENUE

(PRIVATE STREET)

FREESTANDING PLAY STRUCTURE
AGE RANGE: 2-5 YEARS

(2) PARK BENCHES

40' X 40' PLAYGROUND AREA W/ SAFETY SURFACE

30' X 30' SAIL SHADE STRUCTURE (4-POSTS)

BARBORA STREET

(PRIVATE STREET)

(PRIVATE STREET)

ACUNA CACTUS AVENUE

EX.BUS

5' DETACHED SIDEWALK

20' O.C.

SVZ

5' DETACHED SIDEWALK

5' LANDSCAPE BUFFER

5' LANDSCAPE BUFFER

20' O.C.

SVZ

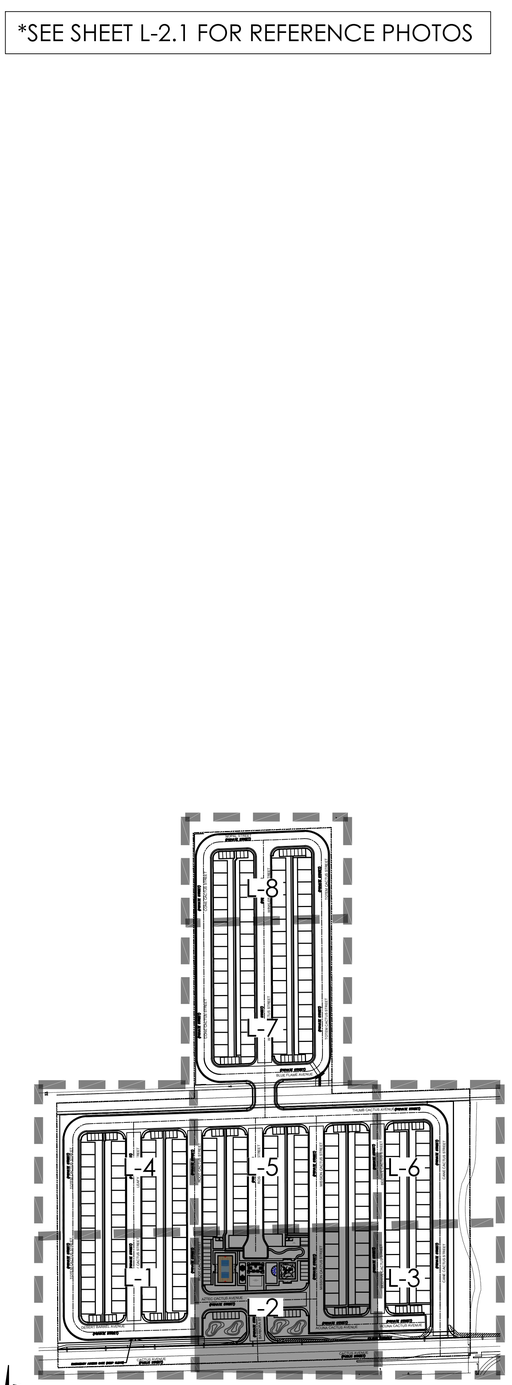
SVZ

960' LINEAR FEET OF FRONTAGE (EXCLUDING DRIVEWAY) W/ LARGE TREES AT 30' O.C. REQ.
32 TREE'S REQ. / 34 MEDIUM TREE'S PROVIDED AT 20' O.C. TO ACCOMMODATE
BUS TURNOUT & SVZ

CACTUS AVENUE
(PUBLIC STREET)

PROPERTY LINE

*SEE SHEET L-2.1 FOR REFERENCE PHOTOS



KEYMAP - NTS

NORTH

SCALE: 1" = 20'-0"
0' 10' 20' 40' 60'

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CONTACT YOUR LOCAL UTILITY SERVICE
1-702-227-2929

GTI

LICENSES: A-10 #26544
C-10 #26545
C-10 #73957

JESSICA NAYLOR
SIGN: Jessica Naylor

GTI 1, INC
1220 S. COMMERCE ST. #120
LAS VEGAS, NV. 89102
OFFICE: 725-253-5486

CACTUS TRAILS
KAVINSON HOMES LLC
LAS VEGAS, NEVADA

LANDSCAPE PLAN

Date: 5-19-2025
Drawn by: RSJ
Salesperson: SH

L-2



FREESTANDING PLAY STRUCTURE
AGE RANGE: 2-5 YEARS
REFERENCE PHOTO ONLY



30' X 30' SAIL SHADE
STRUCTURE (4-POSTS)
REFERENCE PHOTO ONLY



The **Arch Jet** is a ground spray element that emits a single stream of water arching outward. The feature flow rates can be adjusted to increase or decrease the spray height and projection. The Arch jet is designed for wet deck applications with no standing water.



Maximum flow	10 GPM 37.85 LPM
Standard flow	5 GPM 18.93 LPM
Minimum flow	1 GPM 3.78 LPM
Size	5′ 0″ x 3′ 6″ 1.52 x 1.1 m
Splash zone	8′ 0″ x 5′ 0″ 2.44 x 1.52 m

SPLASH PAD - ARC JETS
REFERENCE PHOTO ONLY



MULTI-SPORT COURT
REFERENCE PHOTO ONLY



37' X 18' SOLID ALUMAWOOD COVER W/ 6
STANDARD POSTS & INSULATED ROOF
REFERENCE PHOTO ONLY

LICENSES: A-10 #26544
C-10 #26545
C-10 #73957

JESSICA NAYLOR
SIGN: Jessica Naylor

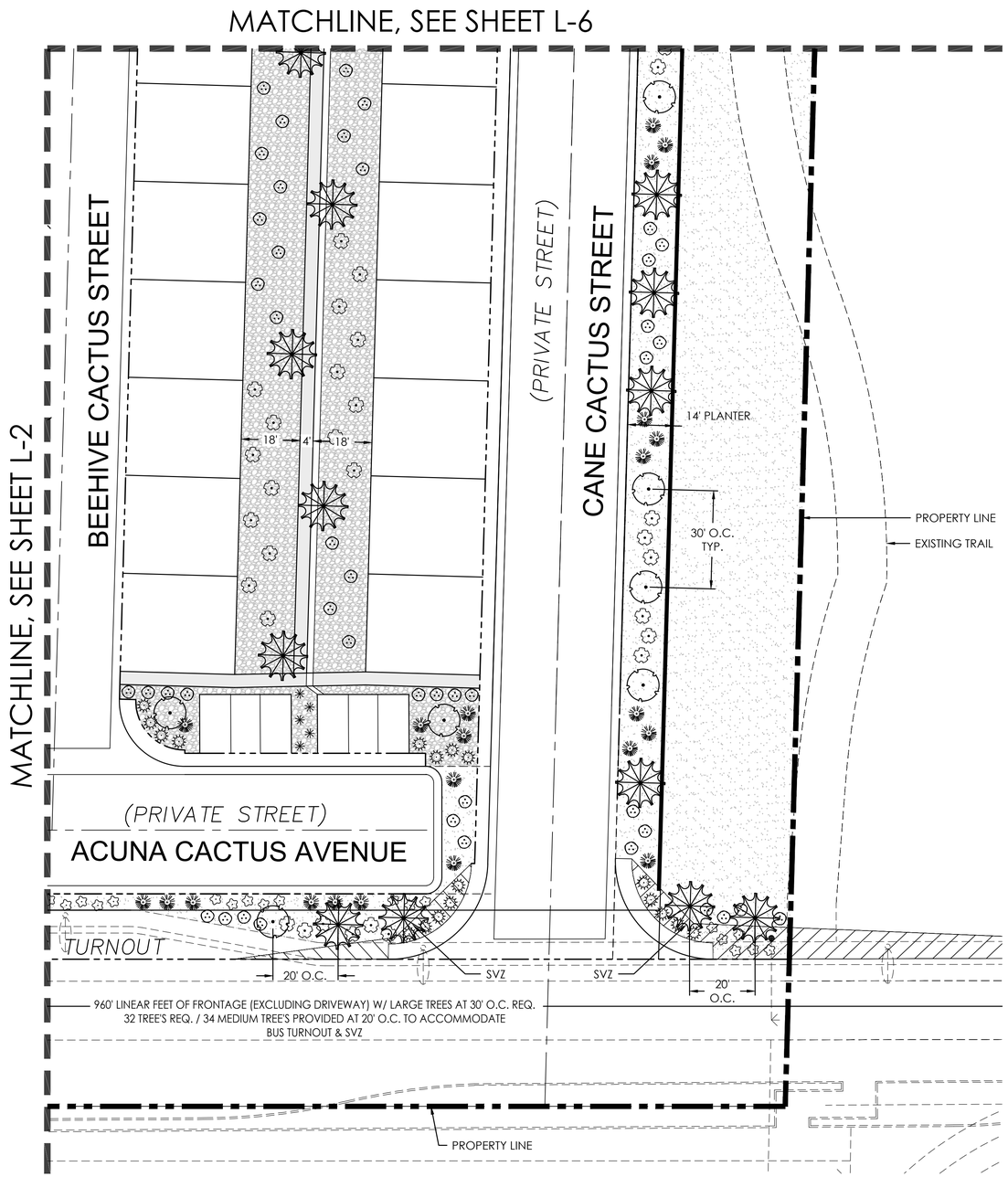
GTI 1, INC
1220 S. COMMERCE ST. #120
LAS VEGAS, NV. 89102
OFFICE: 725-253-5486

CACTUS TRAILS
KAVINSON HOMES LLC
LAS VEGAS, NEVADA

SITE AMENITIES

Date: 7-22-2025
Drawn by: RSJ
Salesperson: SH

L-2.1

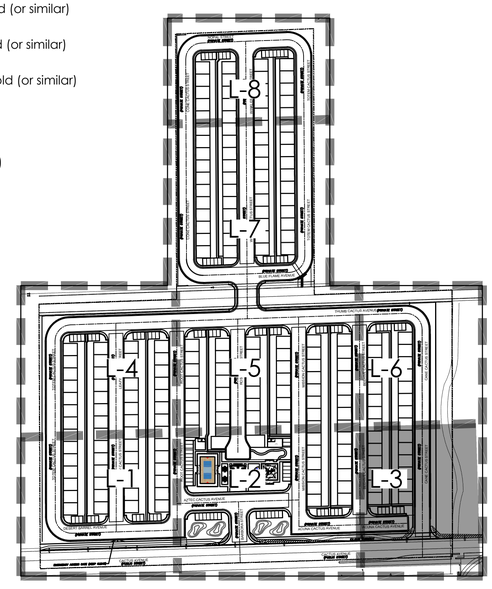


TREES	COMMON / BOTANICAL NAME	SIZE	QTY.	RATING	WATER USE	TREE TYPE	TREE SIZE	HEIGHT	WIDTH	CANOPY SIZE	MINIMUM CALIPER SIZE
	CHINESE PISTACHE Pistacia chinensis	24" Box	11	3	L	D	L	35	30	530	1 1/2"
	DESERT MUSEUM PALO VERDE (STD.) Parkinsonia x 'Desert Museum'	24" Box	136	3	V,L	S	M	25	25	368	1 1/2"
	SHOESTRING ACACIA Acacia stenophylla	24" Box	11	3	L	E	L	40	20	236	1 1/2"
	MULGA ACACIA Acacia aneura	24" Box	125	5	V	E	M	20	15	133	1 1/2"

SHRUBS		SIZE	QTY.	"BULLETPROOF"	WATER USE	SHRUB TYPE	GROWTH RATE	HEIGHT	WIDTH	COVERAGE
	TEXAS RANGER Leucophyllum Frutescens 'Green Cloud'	5 Gal.	654	YES	L	E	S	6	6	28
	PURPLE TRAILING LANTANA Lantana Montevidensis	5 Gal.	242	NO	L	D	F	1	6	28
	RED YUCCA Hesperaloe Parviflora	5 Gal.	159	YES	L	E	M	3	3	7
	PROSTRATE ROSEMARY Rosmarinus Officinalis 'Prostratus'	5 Gal.	95	NO	L	E	M,F	2	4	13
	FEATHERY SENNA Senna Artemisioides	5 Gal.	503	YES	VL,L	E	M	6	6	28
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	DESERT SPOON Dasylirion Wheeleri	5 Gal.	193	YES	L	E	M	5	6	28

MATERIALS

- 3/4" Screened Rock - Vista Gold (or similar)
- 2" - 4" Chunky Rock - Vista Gold (or similar)
- 1/4" Minus DG (Chat) - Vista Gold (or similar)
- Tiger Turf - Artificial turf
- 24"-36" Landscape Boulders(25)



KEYMAP - NTS

NORTH

SCALE: 1" = 20'-0"
0' 10' 20' 40' 60'

Call before you dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call 811
1-800-227-2600

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
1-702-227-2929

GTI

LICENSES: A-10 #26544
C-10 #26545
C-10 #73957

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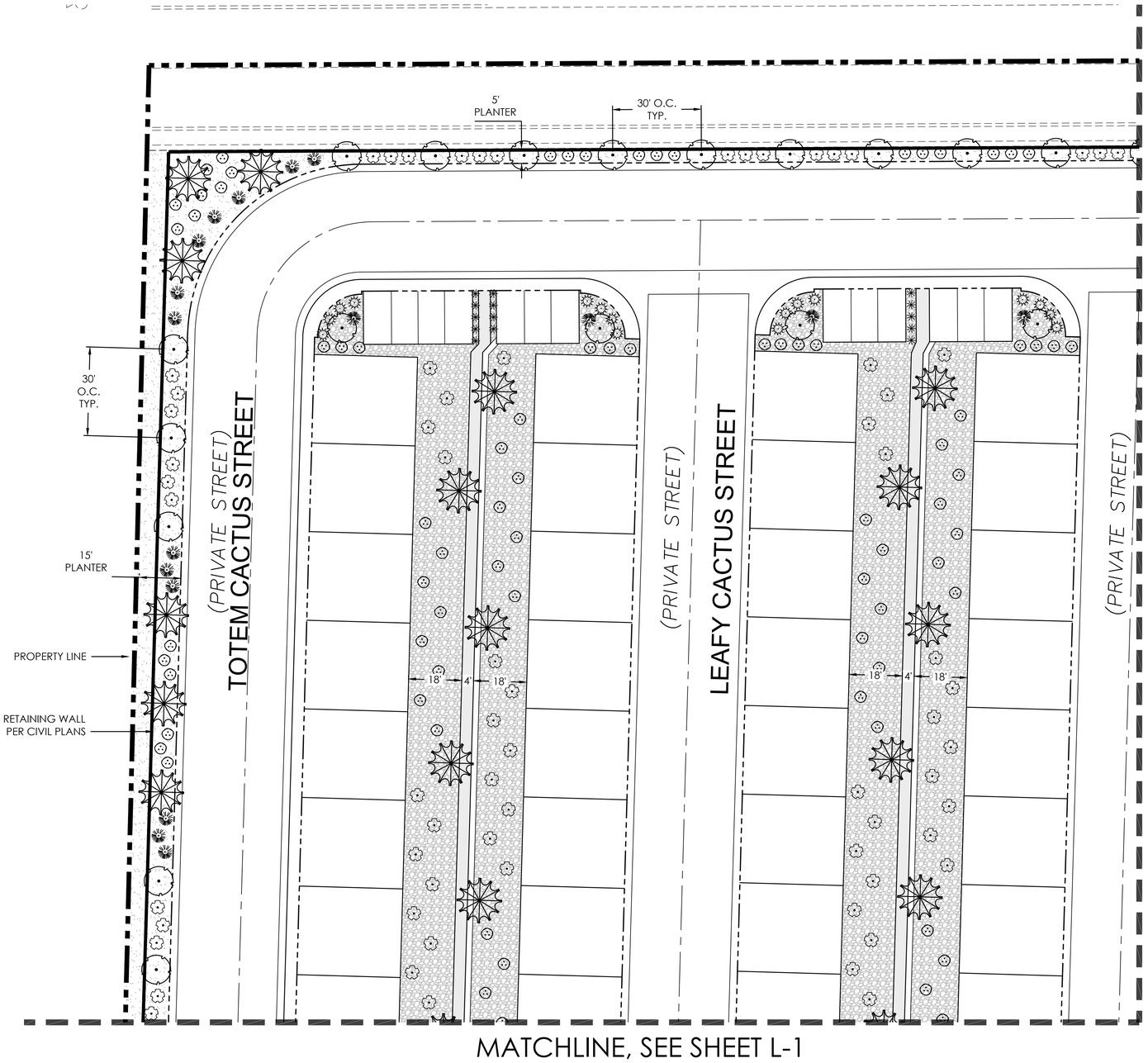
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LANDSCAPE PLAN

Date: 7-22-2025
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L-3

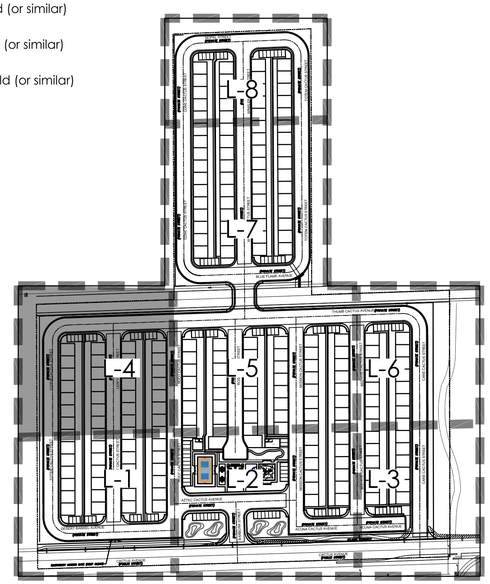


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LANDSCAPE PLAN

Date: 7-22-2025
Drawn by: RSJ
Salesperson: SH

L-4

MATCHLINE, SEE SHEET L-7

RETAINING WALL PER CIVIL PLANS

5' PLANTER

30' O.C. TYP.

RETAINING WALL PER CIVIL PLANS

THUMB CACTU

MATCHLINE, SEE SHEET L-4

ROOT CACTUS STREET

18' 4' 18'

(PRIVATE STREET)

ROSE CACTUS STREET

18' 4' 18'

(PRIVATE STREET)

MISSION CACTUS STREET

18' 4' 18'

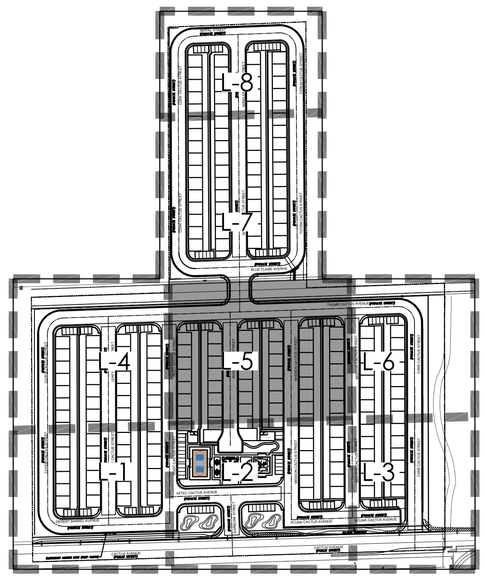
(PRIVATE STREET)

MATCHLINE, SEE SHEET L-6

MATCHLINE, SEE SHEET L-2

NORTH

N



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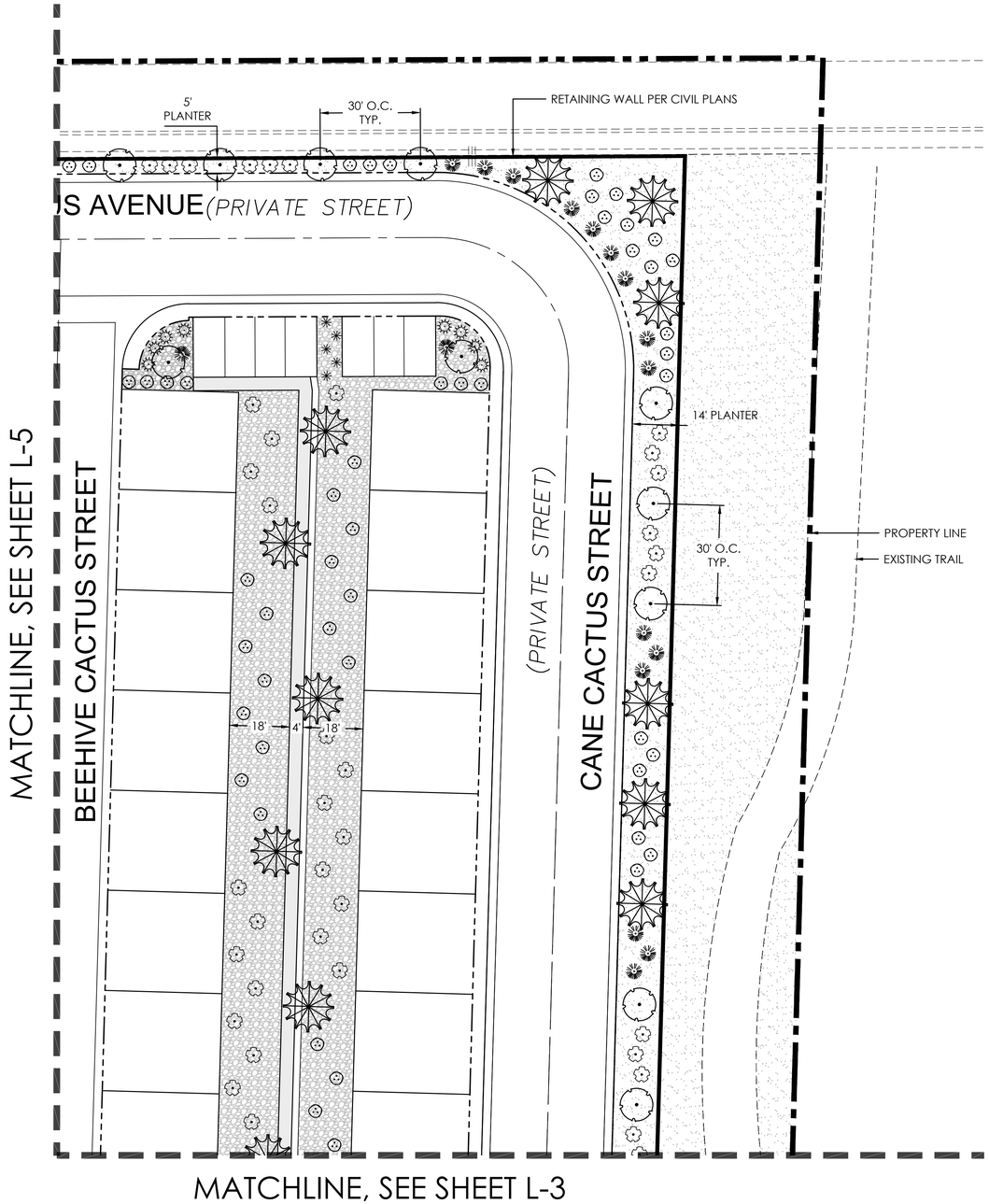
LANDSCAPE PLAN

Date: 7-22-2025

Drawn by: RSJ

Salesperson: SH

L-5

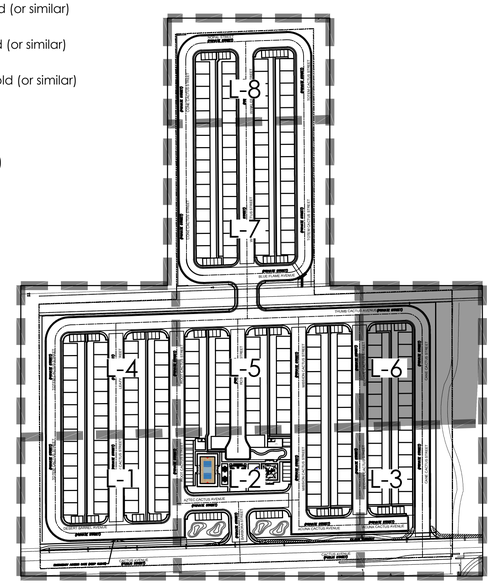


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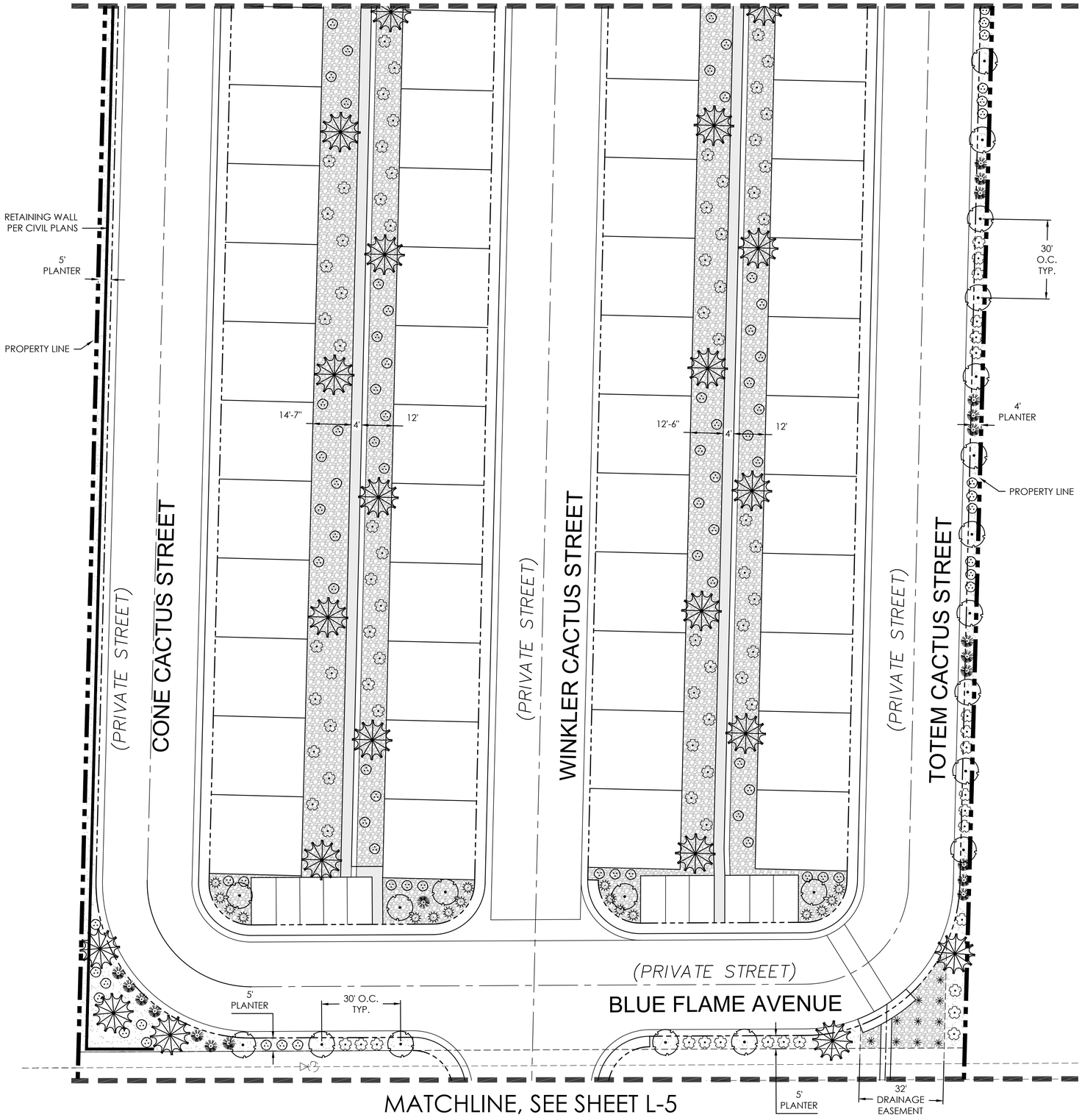
CACTUS TRAILS
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LAS VEGAS, NEVADA

LANDSCAPE PLAN

Date: 7-22-2025
Drawn by: RSJ
Salesperson: SH

L-6

MATCHLINE, SEE SHEET L-8



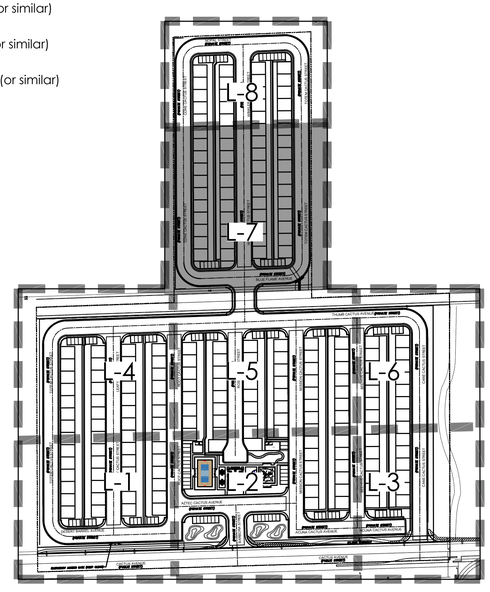
MATCHLINE, SEE SHEET L-5

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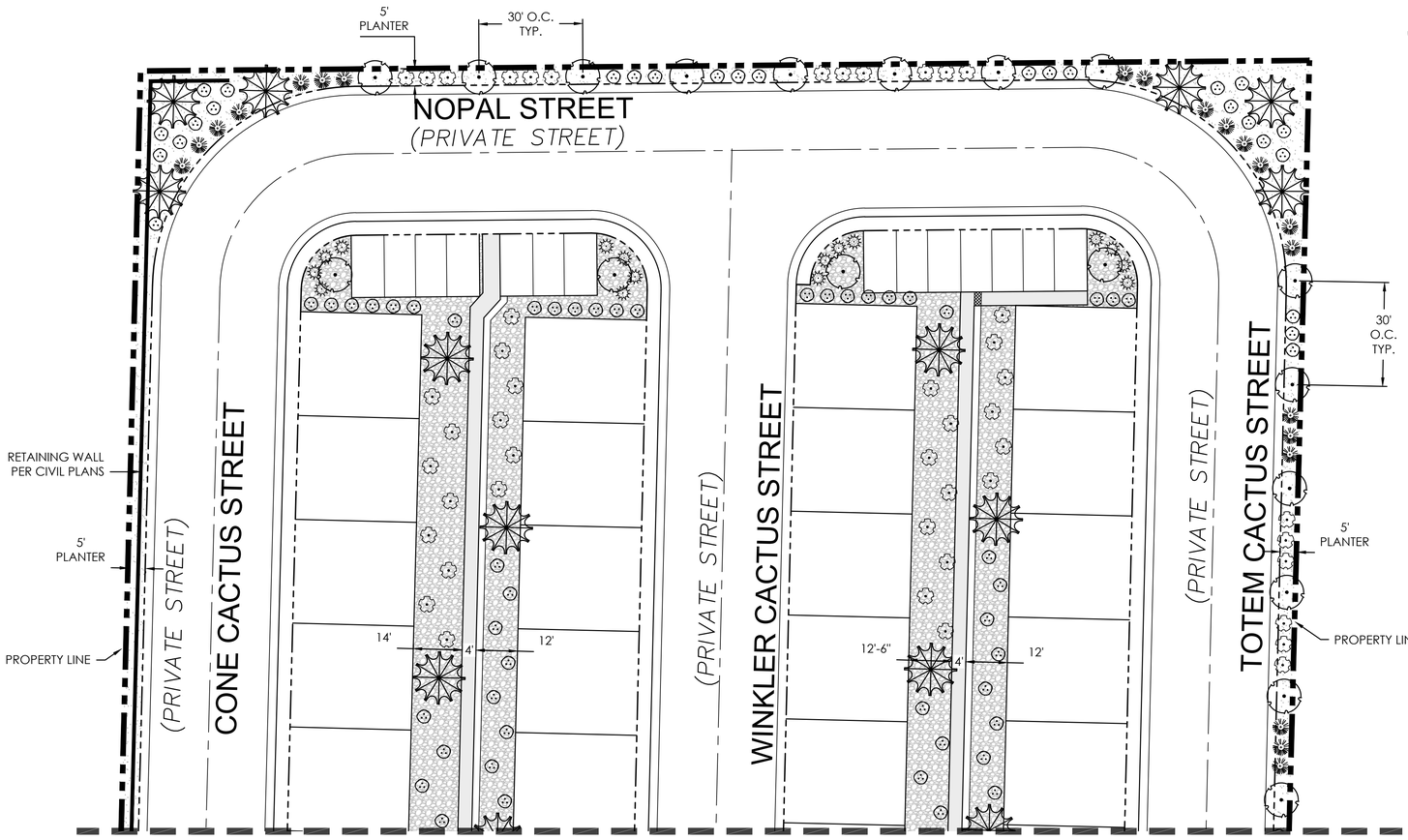
LANDSCAPE PLAN

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L-7



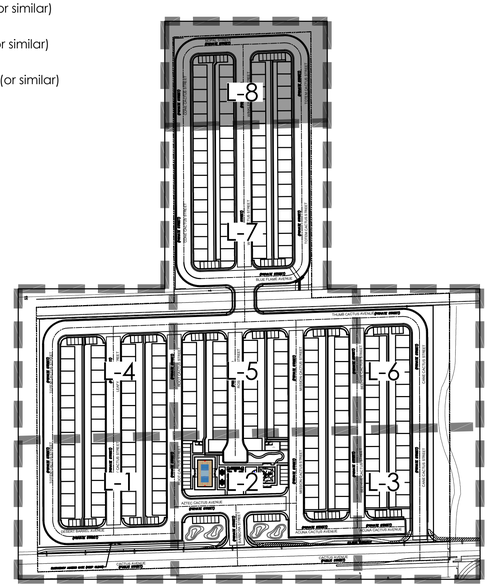
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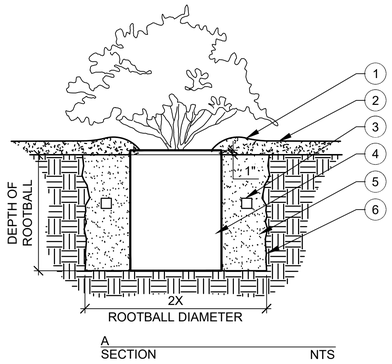
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LANDSCAPE PLAN

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L-8

A | SHRUB AND VINE PLANTING



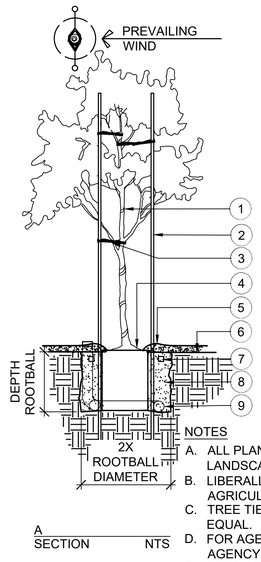
NOTES

A. ALL PLANTING AREAS SHALL HAVE A 3" LAYER OF APPROVED NITROLIZED ORGANIC LANDSCAPE MULCH
B. REFER TO THE PROJECT HORTICULTURAL SOILS REPORT FOR ALL BACKFILL SOIL AMENDMENTS REQUIRED
C. AVOID PLANT INSTALLATION DIRECTLY IN FRONT OF IRRIGATION SPRAY AND RAKE OUT ALL SOIL EXCAVATION AS REQUIRED
D. PLANT TABS TO BE "SCOTTS-AGRIFORM" OR APPROVED EQUAL. AS RECOMMENDED BY MANUFACTURER SIZE TABLET CHART

LEGEND

1. 3" HIGH WATER RETENTION BASIN, FORMED FROM PLANT PIT SPOILS/MULCH; MAINTAIN 2" MIN. MULCH ATOP ROOTBALL
2. FINISH GRADE WITH APPROVED MULCH
3. PLANTING TABLETS. REFER TO NOTES
4. PLANT ROOTBALL. INSTALL CROWN 1" MINIMUM ABOVE FINISHED GRADE
5. PREPARED BACKFILL/NATIVE SOIL MIX; GRADUALLY ADD SOIL AND COMPACT LIGHTLY WHEN BACKFILLING; WATER HALFWAY AND ALLOW TO DRAIN PRIOR TO ADDING MORE SOIL
6. SCARIFY SIDES OF PLANT PIT; BREAK UP HARD/COMPACTED SOIL AND LOOSEN SOIL

B | TREE PLANTING



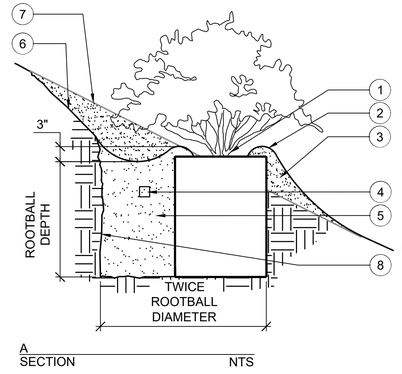
LEGEND

1. PROPOSED TREE
2. 2" DIA. x 12' LONG MIN. LODGE POLE PINE STAKES: ONE (1) STAKE FOR 5 GAL., TWO (2) STAKES FOR 15 GAL. AND LARGER TREES. (2) TWO - 3" DIA. STAKES FOR 36" BOX AND LARGER.
3. TREE TIE, LOOP TREE TIE AROUND TREE BRANCH, TWIST TIE, THEN LOOP AROUND STAKE & DRIVE NAIL THROUGH THE TIE AT THE BACK OF STAKE. PROVIDE TWO (2) TIES FOR 5 GAL. & THREE (3) TIES 15 GAL. & LARGER TREES.
4. TREE ROOTBALL; INSTALL 5 GAL. & 15 GAL., 1" ABOVE GRADE. 24" BOX & LARGER, 3" ABOVE GRADE. TAPER ROOTBALL EDGE TO GRADE.
5. 4" HIGH WATER RETENTION BASIN. FORM FROM PLANT PIT EXCAVATION.
6. FINISHED GRADE WITH APPROVED MULCH
7. PLANTING TABLETS; REFER TO NOTES.
8. PREPARED BACKFILL/NATIVE SOIL MIX; GRADUALLY ADD SOIL AND COMPACT LIGHTLY WHEN BACKFILLING; WATER HALFWAY AND ALLOW TO DRAIN PRIOR TO ADDING MORE SOIL
9. SEE SEPARATE ROOTBALL DRAINAGE AND AERATION DETAIL

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B. LIBERALLY DUST SIDES AND BOTTOM OF PITS W/ FINELY GROUND AGRICULTURAL GYPSUM.
C. TREE TIES TO BE "CINCH TIE" BY V.I.T. PRODUCTS OR APPROVED EQUAL.
D. FOR AGENCY MAINTAINED TREES, REFER TO THE GOVERNING AGENCY STANDARD DETAIL FOR TREE TIE REQUIREMENTS.
E. REFER TO THE PROJECT HORTICULTURAL SOILS REPORT FOR ALL REQUIRED BACKFILL SOIL AMENDMENTS.
F. PLANT TABS TO BE "SCOTTS-AGRIFORM" OR APPROVED EQUAL AS RECOMMENDED BY THE MANUFACTURER PLANT SIZE TABLET CHART.
G. REFER TO SINGLE STAKE TREE DETAIL FOR LOPHOSTEMON CONFERTUS AND CUPRESSUS SEMPERVIRENS TREES.

C | SHRUB AND VINE PLANTING ON SLOPE



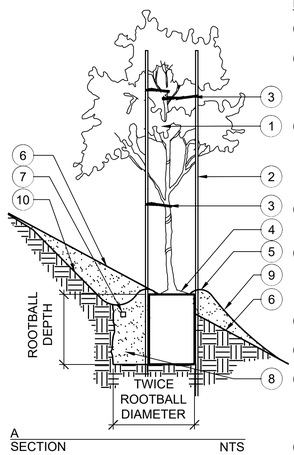
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A. ALL PLANTING AREAS SHALL HAVE A 3" LAYER OF APPROVED NITROLIZED ORGANIC LANDSCAPE MULCH
B. REFER TO THE PROJECT HORTICULTURAL SOILS REPORT FOR ALL BACKFILL SOIL AMENDMENTS REQUIRED
C. AVOID PLANT INSTALLATION DIRECTLY IN FRONT OF IRRIGATION SPRAY AND RAKE OUT ALL SOIL EXCAVATION AS REQUIRED
D. PLANT TABS TO BE "SCOTTS-AGRIFORM" OR APPROVED EQUAL. AS RECOMMENDED BY MANUFACTUER PLANT SIZE TABLET CHART

LEGEND

1. SHRUB ROOTBALL: CROWN SHALL BE 3" ABOVE FIN. SLOPE GRADE @ LOWER SIDE
2. 3" HIGH WATER RETENTION BASIN, FORM WITH SOIL EXCAVATED FROM UPHILL SIDE OF SHRUB; MAINTAIN 2" MIN. MULCH ATOP ROOTBALL
3. 1:1 MAX. COMPACTED TAPER FILL AT FRONT PLANT PIT
4. PLANTING TABLETS; REFER TO NOTES
5. PREPARED BACKFILL / NATIVE SOIL MIX; GRADUALLY ADD SOIL AND COMPACT LIGHTLY WHEN BACKFILLING; WATER HALFWAY AND ALLOW TO DRAIN PRIOR TO ADDING MORE SOIL
6. 1:1 MAX. CUT SLOPE BEHIND PLANT PIT
7. EXISTING SLOPE GRADE
8. SCARIFY SIDES OF PLANT PIT; BREAK UP HARD/ COMPACTED SOIL AND LOOSEN SOIL

D | TREE PLANTING ON SLOPE



LEGEND

1. PROPOSED TREE
2. 2" DIA. x 12' LONG MIN. LODGE POLE PINE STAKES: ONE (1) STAKE FOR 5 GAL., TWO (2) STAKES FOR 15 GAL. AND LARGER TREES. (2) TWO - 3" DIA. STAKES FOR 36" BOX AND LARGER.
3. TREE TIE, LOOP TREE TIE AROUND TREE BRANCH, TWIST TIE, THEN LOOP AROUND STAKE & DRIVE NAIL THROUGH THE TIE AT THE BACK OF STAKE. PROVIDE TWO (2) TIES FOR 5 GAL. & THREE (3) TIES 15 GAL. & LARGER TREES.
4. TREE ROOTBALL; INSTALL 5 GAL. & 15 GAL., 1" ABOVE GRADE. 24" BOX & LARGER, 3" ABOVE GRADE. TAPER ROOTBALL EDGE TO GRADE.
5. 4" HIGH WATER RETENTION BASIN. FORM FROM PLANT PIT EXCAVATION. MAY BE RAKED OUT PRIOR TO OTHER WORK AS DIRECTED BY LANDSCAPE ARCHITECT.
6. EXISTING SLOPE GRADE
7. PLANTING TABLETS; REFER TO NOTES.
8. PREPARED BACKFILL/NATIVE SOIL MIX; GRADUALLY ADD SOIL AND COMPACT LIGHTLY WHEN BACKFILLING; WATER HALFWAY AND ALLOW TO DRAIN PRIOR TO ADDING MORE SOIL
9. 1:1 MAX. COMPACTED TAPER FILL AT FRONT PLANT PIT
10. 1:1 MAX. CUT SLOPE BEHIND PLANT PIT

NOTES

A. ALL PLANT AREAS SHALL HAVE A 3" LAYER OF NITROLIZED ORGANIC LANDSCAPE MULCH, TYP.
B. LIBERALLY DUST SIDES AND BOTTOM OF PITS W/ FINELY GROUND AGRICULTURAL GYPSUM.
C. TREE TIES TO BE "CINCH TIE" BY V.I.T. PRODUCTS OR APPROVED EQUAL.
D. FOR AGENCY MAINTAINED TREES, REFER TO THE GOVERNING AGENCY STANDARD DETAIL FOR TREE TIE REQUIREMENTS.
E. REFER TO THE PROJECT HORTICULTURAL SOILS REPORT FOR ALL REQUIRED BACKFILL SOIL AMENDMENTS.
F. PLANT TABS TO BE "SCOTTS-AGRIFORM" OR APPROVED EQUAL AS RECOMMENDED BY THE MANUFACTURER PLANT SIZE TABLET CHART.

LANDSCAPE NOTES:

1. ALL QUANTITIES DEPICTED IN LEGEND ARE FOR REFERENCE ONLY. CALCULATE ALL QUANTITIES OFF PLAN.
2. ALL LANDSCAPE AREAS SHALL RECEIVE A 2" LAYER OF 3/4" SCREENED DECORATIVE ROCK MULCH.
3. RIP-RAP GRADATION PER CIVIL PLANS.
4. ALL PLANTING SHALL CONFORM WITH LOCAL CODES AND REGULATIONS.
5. ALL REQUIRED LANDSCAPE BUFFERS SHALL COMPLY WITH THE MINIMUM REQUIREMENTS LISTED IN CLARK COUNTY TITLE 30.64 INCLUDING TREE SPACING AT PERIMETER.
6. ANY PARKING LOT SPACES SHALL HAVE TREES PROVIDED PER CLARK COUNTY TITLE 30.64 AT 1 TREE PER 6 STALLS. LANDSCAPE ISLANDS SHALL BE PROVIDED PER CLARK COUNTY TITLE 30.64.
7. ALL LANDSCAPE AND IRRIGATION SHALL BE INSTALLED AND PERMANENTLY MAINTAINED IN SATISFACTORY MANNER.
8. FINAL LOCATION OF ALL TREES SHALL BE VERIFIED IN FIELD PRIOR TO EXCAVATION OF TREE PITS.
9. TREES SHALL NOT BE PLANTED CLOSER THAN 5'-0" TO A SIDEWALK OR WALL.
10. PRIOR TO PLANTING TREES, THE LANDSCAPE CONTRACTOR SHALL PERFORM A SOIL PERCOLATION TEST TO DETERMINE PROPER PERCOLATION RATE. THE LANDSCAPE CONTRACTOR IS REQUIRED TO FILL ALL TREE / PALM PITS 50% FULL AND OBSERVE THEN DOCUMENT THE RATE OF PERCOLATION. ACCEPTABLE PERCOLATION IS AT A RATE OF 1" PER HOUR AND PIT SHALL DRAIN COMPLETELY IN 24 HOURS. SHOULD THE PIT NOT DRAIN AT THIS RATE, CONTRACTOR SHALL AUGER AN 8" DIAMETER HOLE AT LOW POINT IN PIT TO A DEPTH NECESSARY TO ACHIEVE THE REQUIRED PERCOLATION. FILL HOLE WITH 3/4" DRAIN ROCK.
11. TREES / SHRUBS SHALL NOT OBSTRUCT OR IMPEDE VIEW OF TRAFFIC SIGNALS, SIGNAGE, DIRECTIONAL DEVISES OR SIGHT VISIBILITY ZONE.
12. TREES SHALL BE MAINTAINED A MIN. HEIGHT OF 10' ABOVE ANY SIDEWALK, AND 16'-4" ABOVE ANY STREET.
13. ANY TREE PLANTED WITHIN 5'-0" OF EDGE OF PAVING OR CONCRETE EDGE SHALL HAVE A 24" HEIGHT ROOT BARRIER INSTALLED ALONG THE EDGE OF THE HARDSCAPE. INSTALL ROOT BARRIERS BY AN APPROVED MANUFACTURER OR EQUIVALENT.
14. ANY TREE PLANTED WITHIN 5'-0"OF THE EDGE OF PAVING OR ANY CONCRETE EDGE TO RECEIVE A DEEP ROOT IRRIGATION SYSTEM PER CLARK COUNTY TITLE 30.64.030(I) (4)(B).
15. ALL PLANT MATERIALS SHALL BE INSTALLED A MIN. OF 4' FROM FRONT OF PARKING STALLS.

IRRIGATION NARRATIVE:

1. CONTRACTOR TO PROVIDE A FULLY AUTOMATED DRIP IRRIGATION SYSTEM WITH A SOLID STATE WATER SMART IRRIGATION CONTROLLER. VERIFY CONTROLLER LOCATION WITH CONTRACTOR PRIOR TO ORDERING TO DETERMINE IF WALL, OR PEDESTAL MOUNT IS REQUIRED.
2. TREES SHALL BE ON SEPARATE ZONES FROM SHRUBS AT ALL TIMES.
3. VALVE BOXES SHALL BE LOCATED AWAY FROM VIEW WITH COVER COLOR TO BLEND IN WITH ROCK MULCH.

LICENSES: A-10 #26544
C-10 #26545
C-10 #73957
JESSICA NAYLOR
SIGN: Jessica Naylor

GTI 1, INC
1220 S. COMMERCE ST. #120
LAS VEGAS, NV. 89102
OFFICE: 725-253-5486

CACTUS TRAILS
KAVINSON HOMES LLC
LAS VEGAS, NEVADA

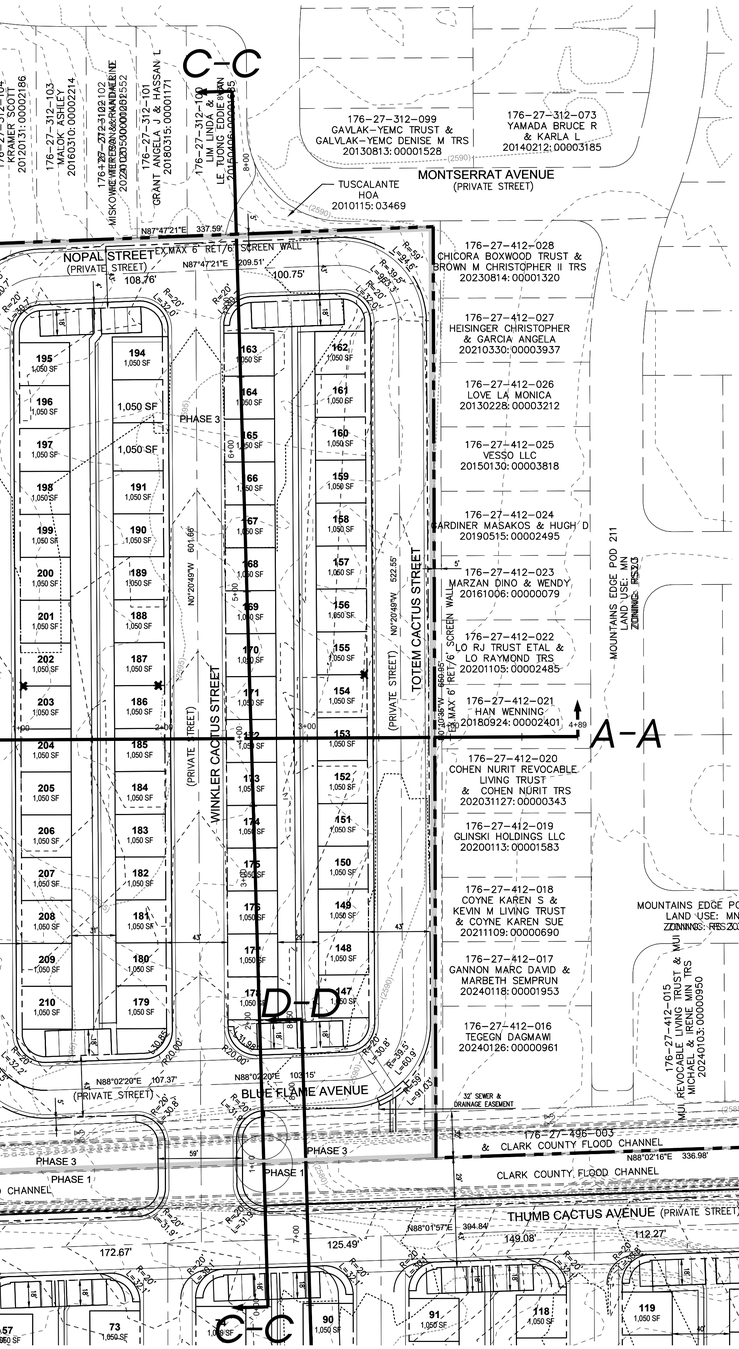
PLANTING DETAILS

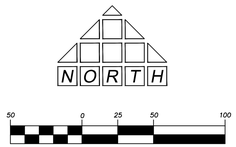
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Salesperson: SH

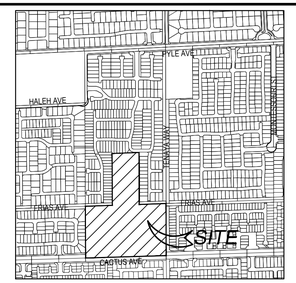
D-1

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Call
811
OR
1-800-642-2444

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CALL BEFORE YOU DO OVER-HEAD
1-702-227-2929







LOCATION MAP
NOT TO SCALE

NOTE: THIS PLAN WAS PREPARED USING RECORD GIS INFORMATION. IT IS ILLUSTRATIVE AND IS TO BE USED FOR PLANNING PURPOSES ONLY. NO LIABILITY IS ASSUMED

REVISION	BY	DATE	KEY

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DESIGNED BY:
CHECKED BY:
COMMENTS ADDRESSED BY:
SCALE: 1"=40'
PROJECT NO. 221-000

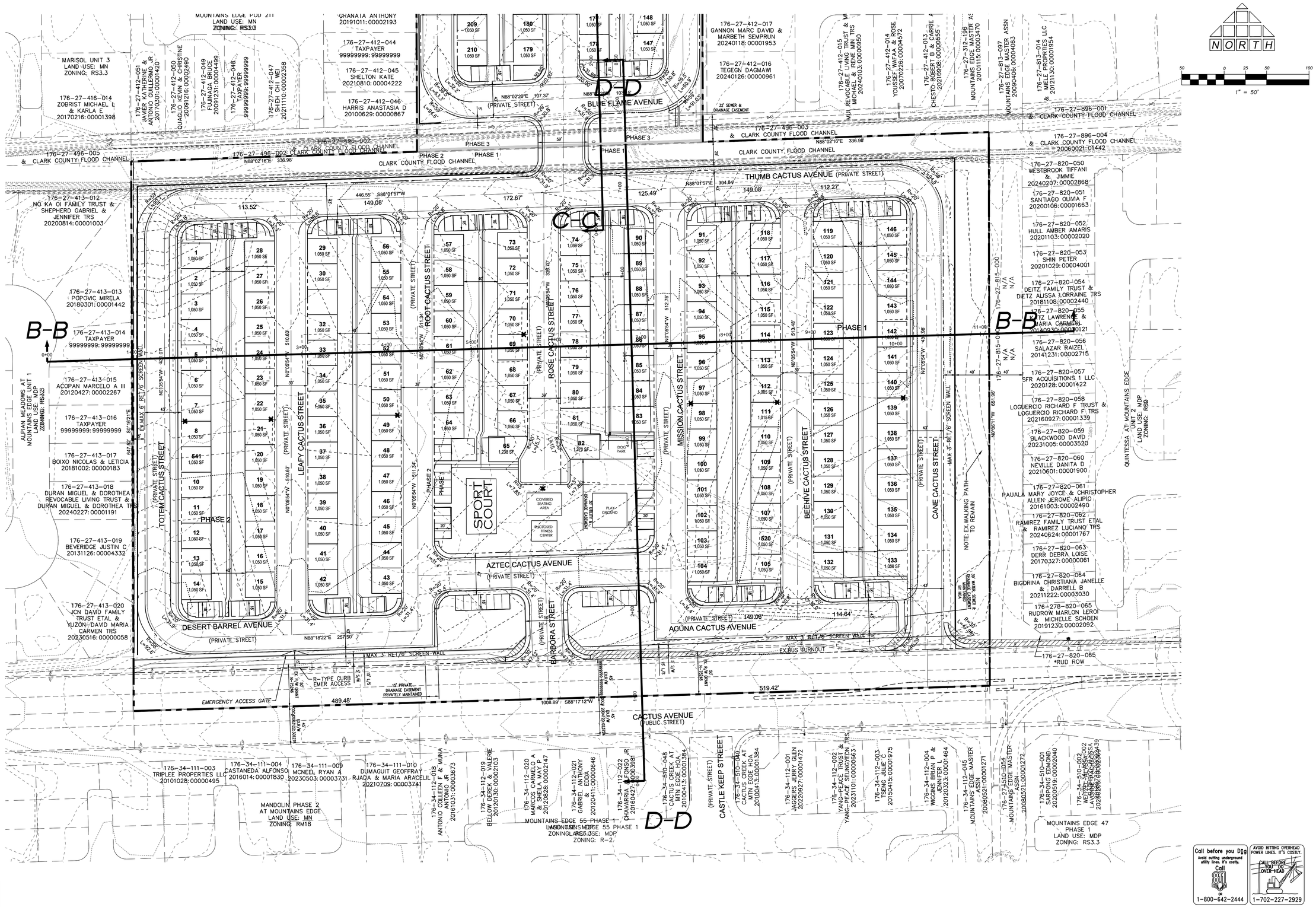
THOMASON CONSULTING ENGINEERS
7080 LA CIENEGA STREET, SUITE 200
LAS VEGAS, NEVADA 89119
702-932-6125 FAX: 702-932-6129

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SITE SECTION PLAN 1

SHEET SS1
1 OF 4
DRAWING NO:
DATE PREPARED: 8/22/24

FILENAME: C:\Users\tcek\appdata\local\temp\AcPublish_24972\221-24008-SITE SECTIONS-INVERTED CROWN-with new layout.dwg, LAST SAVED ON: Jul 24 2025 4:45pm PLOTTED BY: JTHOMASON, ON: Jul 24 2025 4:49pm



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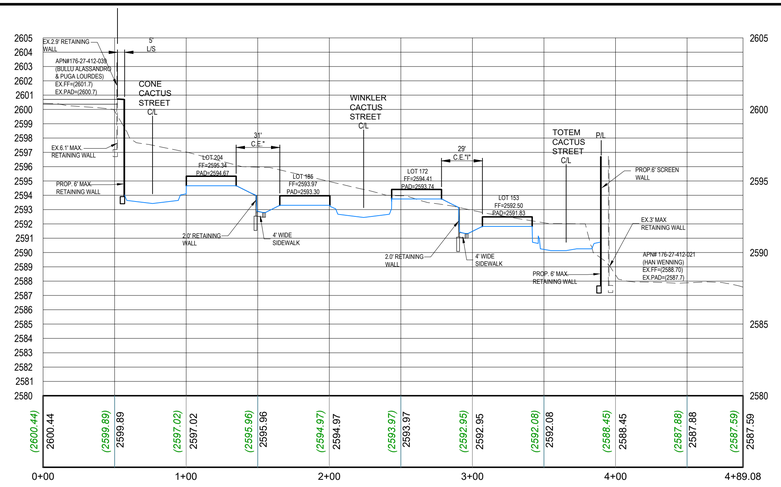
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DESIGNED BY: JD/JBG
CHECKED BY: JD1
COMMENTS ADDRESSED BY:
SCALE: 1"=40'
PROJECT NO. 221-24008

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LAS VEGAS, NEVADA 89119
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CACTUS TRAILS

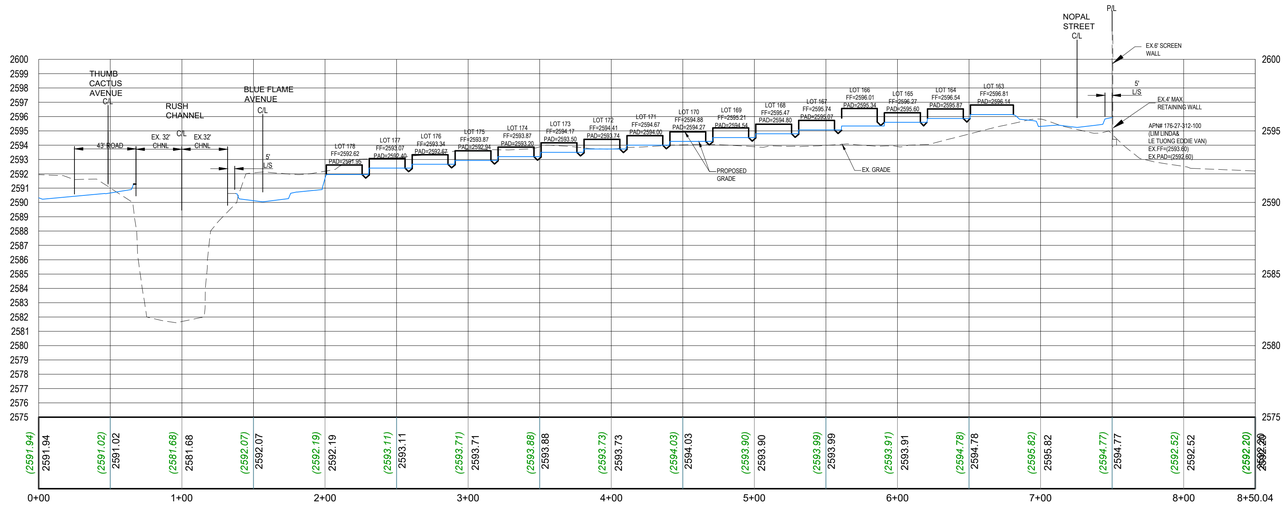
SITE SECTION PLAN 2

SHEET SS2
2 OF 4
DRAWING NO:
DATE PREPARED: 8/22/24



SECTION A-A

HORIZONTAL 1"=50'
VERTICAL 1"=5'



SECTION C-C

HORIZONTAL 1"=50'
VERTICAL 1"=5'

NOTE: THIS PLAN WAS PREPARED USING RECORD GIS INFORMATION. IT IS ILLUSTRATIVE AND IS TO BE USED FOR PLANNING PURPOSES ONLY. NO LIABILITY IS ASSUMED

REV	DATE	BY	REVISION

DRAWN BY: KD/DLG
DESIGNED BY: KD/DLG
CHECKED BY: JDT
COMMENTS ADDRESSED BY:

SCALE: 1"=40'

PROJECT NO. 221-24008

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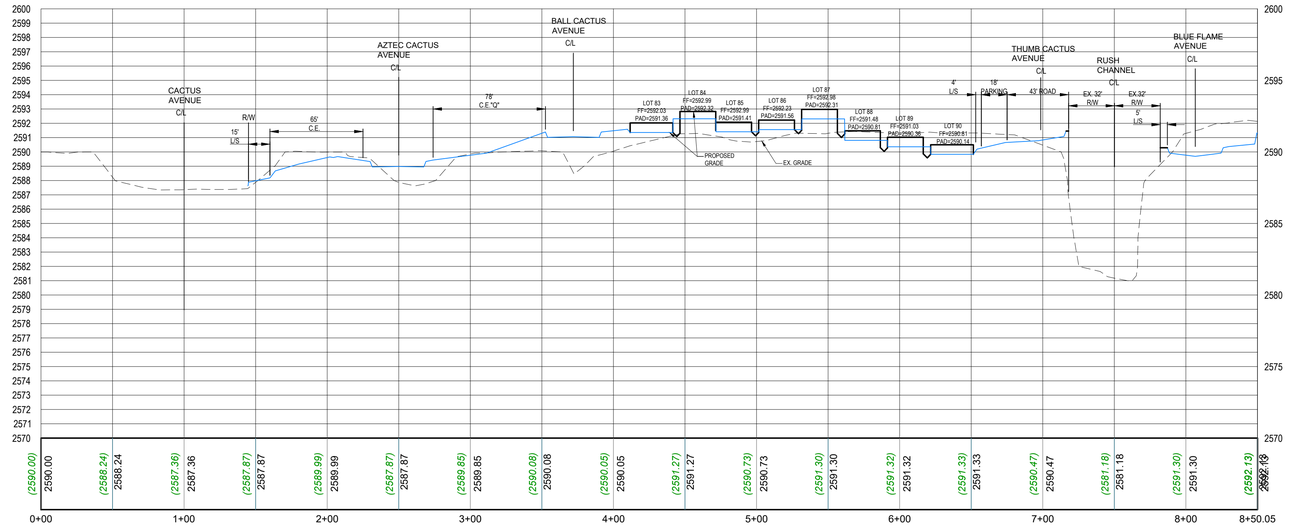
SITE SECTIONS PROFILES 1

SHEET SS3
3 OF 4

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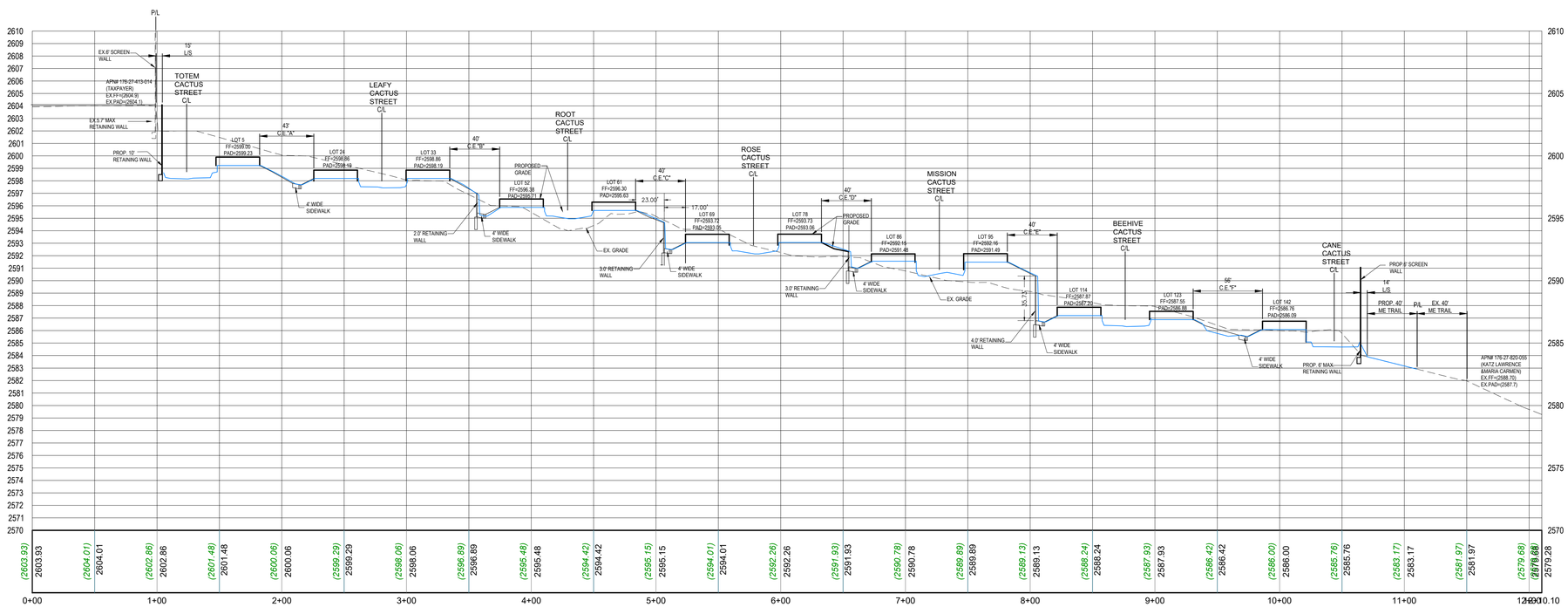


SECTION D-D

HORIZONTAL 1"=50'
VERTICAL 1"=5'

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CALL BEFORE YOU DIG OVER HEAD
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SECTION B-B

HORIZONTAL 1"=50'
VERTICAL 1"=5'

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REVISION			
REV	DATE	BY	

DRAWN BY: ADTZALC
DESIGNED BY: ADTZALC
CHECKED BY: JDT
COMMENTS ADDRESSED BY:
SCALE: 1"=40'
PROJECT NO. 221-24008

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SITE SECTION PROFILE 2

SHEET SS4
4 OF 4
DRAWING NO:
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