CONSTRUCTION DOCUMENTS

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

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CITY OF NICEVILLE, OKALOOSA COUNTY, STATE OF FLORIDA

LOCATED IN SECTIONS 2 & 3, TOWNSHIP 1 SOUTH, RANGE 22 WEST

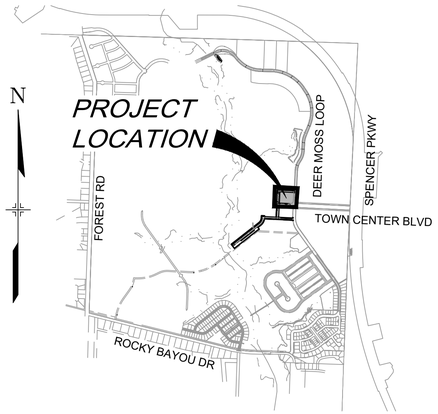
CONSTRUCTION DOCUMENTS

MAR 2026

DIRECTIONS TO LOCATE SITE:

LATITUDE	=	30°31'45.20"N
LONGITUDE	=	86°25'22.22"W
SECTION	=	3
TOWNSHIP	=	1 SOUTH 22
RANGE	=	WEST
COUNTY	=	OKALOOSA
CITY	=	NICEVILLE

THE PROJECT SITE IS LOCATED IN NICEVILLE, FLORIDA, AT THE NORTHWEST CORNER OF DEER MOSS LOOP AND TOWN CENTER BLVD, 0.38 MILE EAST OF INTERSECTION OF COLLEGE BOULEVARD AND FOREST ROAD.



VICINITY MAP

SCALE: N.T.S.

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UTILITY PROVIDERS

(WATER/SEWER)
NICEVILLE WATER & SEWER DEPARTMENT
920 SOUTH CEDAR STREET
NICEVILLE, FL 325789
(850) 279-6436

(TELEPHONE)
CENTURYLINK
411 MARY ESTHER CUTOFF
FT. WALTON BEACH, FL 32548
(850) 244-1150

(FIRE DISTRICT)
NICEVILLE FIRE DEPARTMENT
216 PARTIN DRIVE NORTH
NICEVILLE, FL 325789
(850) 729-4050

(ELECTRIC)
FLORIDA POWER & LIGHT
140 HOLLYWOOD BLVD SW
FT. WALTON BEACH, FL 32548
(800) 225-5797

(GAS)
OKALOOSA GAS DISTRICT
20 HUGHES STREET NE
FT. WALTON BEACH, FL 32548
(850) 729-4700

GOVERNMENTAL AGENCIES HAVING JURISDICTION

(CITY OF NICEVILLE)
JONATHAN LAIRD - PUBLIC WORK DIRECTOR.....(850) 279-6436
MATT WEBSTER - FIRE INSPECTOR.....(850) 279-6436 EXT. 1302
BUILDING INSPECTOR.....(850) 279-6436 EXT. 1214
BOBBY JENKINS - CITY PLANNER.....(850) 279-3436
ERNIE HOWELL - SEWER SUPERINTENDENT.....(850) 279-3436 EXT. 2004
LONNIE DONALDSON - WATER SUPERINTENDENT .....279-3436 EXT. 2004

DUTY TO INDEMNIFY

THE CONTRACTOR SHALL DEFEND, INDEMNIFY, KEEP AND SAVE HARMLESS THE OWNER AND ENGINEER AND THEIR RESPECTIVE MEMBERS, REPRESENTATIVES, AGENTS AND EMPLOYEES, IN BOTH INDIVIDUAL AND OFFICIAL CAPACITIES, AGAINST ALL SUITS, CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES, CAUSED BY, GROWING OUT OF, OR INCIDENTAL TO THE PERFORMANCE OF THE WORK UNDER THE CONTRACT BY THE CONTRACTOR OR ITS SUBCONTRACTORS TO THE FULL EXTENT AS ALLOWED BY THE LAWS OF THE STATE OF FLORIDA AND NOT BEYOND ANY EXTENT WHICH WOULD RENDER THESE PROVISIONS VOID OR UNENFORCEABLE. IN THE EVENT OF ANY SUCH INJURY (INCLUDING DEATH) OR LOSS OR DAMAGE, OR CLAIMS THEREFORE, THE CONTRACTOR SHALL GIVE PROMPT NOTICE TO THE OWNER.

PREPARED FOR:

Ruckel Properties, Inc.
1003C John Sims Parkway East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223
Contact: Marion Ruckel

AUTHORITY AND RESPONSIBILITY

THE ENGINEER, AS REPRESENTATIVE OF THE OWNER, SHALL NOT GUARANTEE THE WORK OF ANY CONTRACTOR OR SUBCONTRACTOR, SHALL HAVE NO AUTHORITY TO STOP WORK, SHALL HAVE NO SUPERVISION OR CONTROL AS TO THE WORK OR PERSONS DOING THE WORK, SHALL NOT HAVE CHARGE OF THE WORK, SHALL NOT BE RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE JOB SITE OR HAVE ANY CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, SUPPORTS, FORMS, OR OTHER WORK AIDS, AND SHALL HAVE NO DUTIES OR RESPONSIBILITIES IMPOSED BY THE STRUCTURAL WORK ACT.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

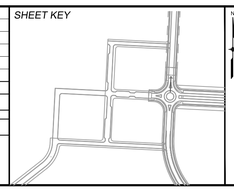
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Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

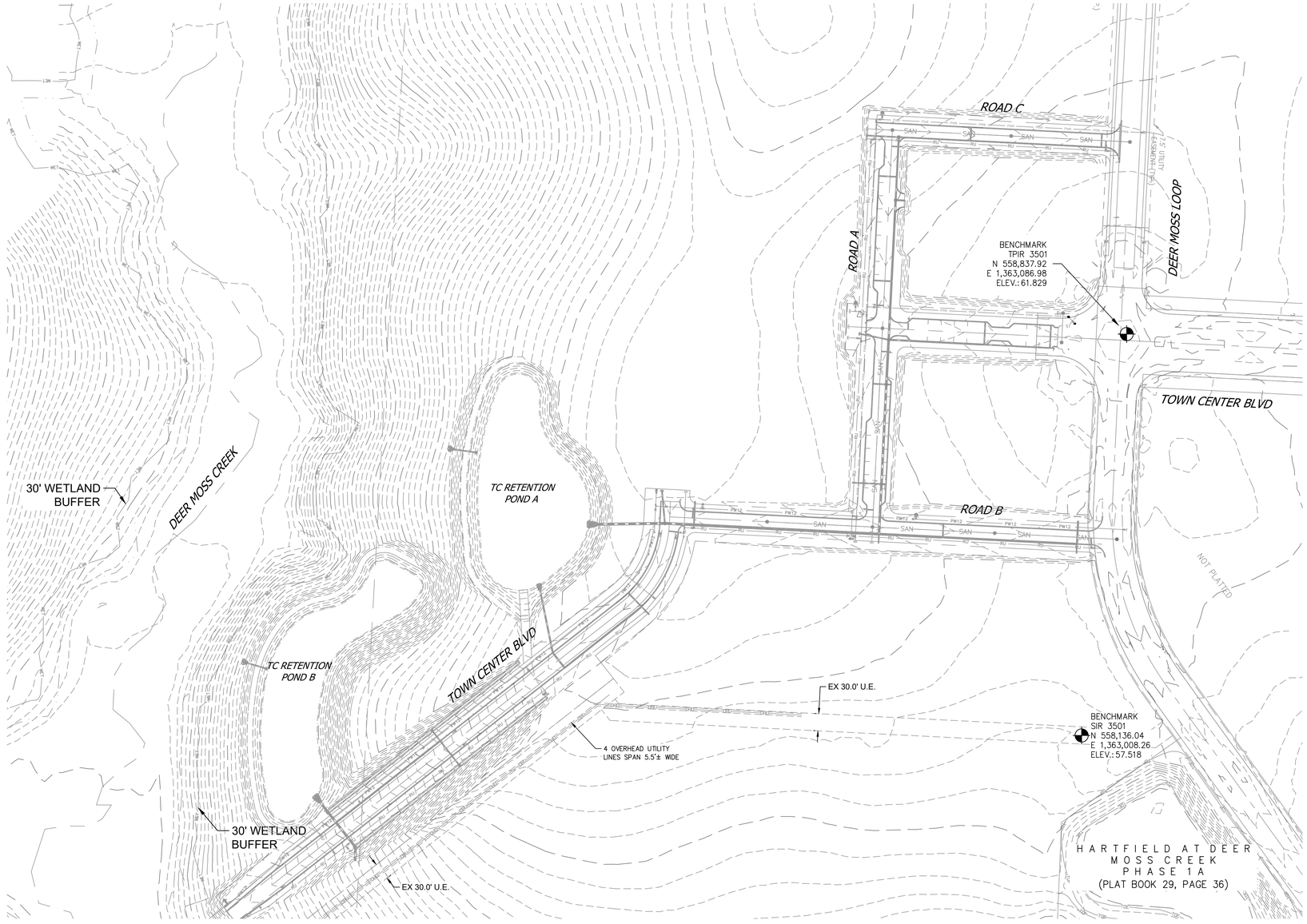
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

TITLE SHEET

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	1 OF 57	TS1
CHECKED BY:	MJ	VERT.			

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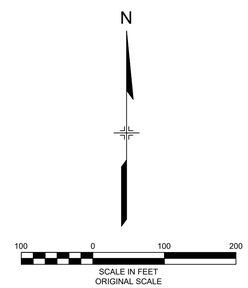


NOTES:

1. THE LOCATION OF EXISTING FEATURES SHOWN HEREON IS APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION.
2. THE OWNER/CONTRACTOR SHALL COORDINATE THE RELOCATION OF ALL UTILITIES WITH EACH UTILITY COMPANY. THE CONTRACTOR SHALL NOT START ANY RELOCATION OF UTILITIES UNTIL PRIOR APPROVAL RECEIVED FROM EACH UTILITY COMPANY.
3. ALL EXCESS SOIL MATERIAL, IF ANY, SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN A MANNER APPROVED BY THE CITY OF NICEVILLE AND RUCKEL PROPERTIES, INC.. LOCATION OF TEMPORARY DISPOSAL SITE TO BE FIELD DETERMINED BY CONTRACTOR AND CAN SHIFT TO ACCOMMODATE CONSTRUCTION SEQUENCING AS LONG AS PROPER EROSION CONTROLS ARE MAINTAINED. STOCKPILE LOCATION USED FOR DMC PHASE 7 CAN ALSO BE USED FOR THIS PROJECT.
4. THE DEVELOPER, SHALL BE RESPONSIBLE FOR:
   a. MONITORING CONSTRUCTION
   b. ENSURING THAT FORMS 62-346.900(3) CONSTRUCTION COMMENCEMENT NOTICE IS FILED WITH THE NWFWMD PRIOR TO CONSTRUCTION
   c. ENSURING THAT FORMS 62-346.900(4) AS-BUILT CERTIFICATION BY A REGISTERED PROFESSIONAL, ALONG WITH AS BUILT PLANS, ARE PROVIDED AT SUCH TIME THAT CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS AND PERMIT DOCUMENTS.
5. A COPY OF THE NWFWMD ERP PERMIT IS TO BE KEPT ON SITE AT ALL TIMES. VERIFY WITH THE CITY OF NICEVILLE THAT THE PERMIT HAS BEEN OBTAINED PRIOR TO COMMENCEMENT OF SITE WORK.
6. AN FDEP NPDES (NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR THIS PROJECT AREA AND IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH THE CITY OF NICEVILLE THAT THE PERMIT HAS BEEN OBTAINED PRIOR TO COMMENCEMENT OF SITE WORK. THE SITE CONTRACTOR WILL CONDUCT WEEKLY OR MORE OFTEN INSPECTIONS OF THE EROSION CONTROL MEASURES AS REQUIRED BY NPDES. THESE INSPECTION REPORTS WILL BE PROVIDED TO THE CITY OR MADE AVAILABLE ON SITE.
7. CONTRACTOR TO ERECT SILT/SEDIMENTATION CONTROLS, AS DEPICTED HEREIN, PRIOR TO COMMENCEMENT OF CONSTRUCTION. ALL EROSION CONTROL MEASURES, INCLUDING PERIMETER CONTROLS, SITE ENTRANCE, INLET PROTECTION, SODDING AND SEEDING, AND SEDIMENT BASINS ARE TO BE REGULARLY INSPECTED AND MAINTAINED THROUGHOUT THE COURSE OF CONSTRUCTION. IN ADDITION TO THE NPDES PERMITTEE'S INSPECTIONS, THE CITY OF NICEVILLE WILL ALSO INSPECT AND MONITOR THE EROSION CONTROL MEASURES AND PROVIDE RESULTS TO THE NPDES PERMITTEE.
8. THE CONTRACTOR SHALL VERIFY THAT ALL APPLICABLE PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
9. TOPOGRAPHIC INFORMATION BY GUSTIN, COTHERN & TUCKER, INC., DATED 09/22/2022. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1988.
10. CONTRACTOR SHALL UTILIZED EXISTING ASPHALT DRIVE FROM DMC PHASE 2 ROADWAY. DMC LOCATION OF CONSTRUCTION ENTRANCE AND BERM TO BE FIELD DETERMINED BY CONTRACTOR AND CAN SHIFT ALONG PROPERTY LINE TO ACCOMMODATE CONSTRUCTION SEQUENCING. SOILS TRACKED FROM THE SITE BY MOTOR VEHICLES OR EQUIPMENT SHALL BE CLEANED DAILY FROM PAVED ROADWAY SURFACES, OR MORE FREQUENTLY IF REQUESTED BY GOVERNING AGENCIES, THROUGHOUT THE DURATION OF CONSTRUCTION.
11. ANY SILT FENCE SHOWN OUTSIDE OF PROPERTY LINE IS FOR ILLUSTRATIVE PURPOSES ONLY. SILT FENCE TO BE INSTALLED INSIDE OR ALONG PROPERTY BOUNDARY.
12. NO WORK SHALL BE PREFORMED WITHIN THE RIGHT-OF-WAY UNTIL THE PROPER MAINTENANCE OF TRAFFIC (MOT) IS IN PLACE ACCORDING TO THE APPROPRIATE 600 SERIES INDEX. A CERTIFIED WORKSITE TRAFFIC SUPERVISOR SHALL SET UP THE MOT.
13. REMOVAL OF EXISTING CURB AND GUTTER AND SIDEWALK SHALL BE TO THE NEAREST CONSTRUCTION JOINT.
14. DUST CONTROL MEASURES SHALL BE PERFORMED PERIODICALLY WHEN CONDITIONS ALLOW ACCESS.
15. ALL EROSION CONTROL MEASURES SHALL BE USED AND MAINTAINED FOR THE DURATION OF SITE CONSTRUCTION. IF CONSTRUCTION OPERATIONS OR NATURAL EVENTS DAMAGE OR INTERFERE WITH THESE EROSION CONTROL MEASURES, THEY SHALL BE RESTORED TO SERVE THEIR INTENDED FUNCTION AT THE END OF EACH DAY OR AS SOON AS FIELD CONDITIONS ALLOW ACCESS.
16. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED AS SOON AS POSSIBLE. ANY AREAS WHICH HAVE BEEN FINISHED GRADED SHALL BE SODED. AREAS THAT HAVE BEEN DISTURBED AND FOR WHICH GRADING OR SITE BUILDING CONSTRUCTION OPERATIONS ARE NOT ACTIVELY UNDERWAY SHALL BE TEMPORARILY SEEDED AND MULCHED AS REQUIRED BY GOVERNING AGENCIES.
17. TO MINIMIZE EROSION, ALL 3:1 SLOPES SHALL BE COVERED WITH A TEMPORARY EROSION CONTROL BLANKET OR STAKED SOD.
18. CONTRACTOR TO EMPLOY CONTROL MEASURES AS NEEDED DURING CONSTRUCTION TO PREVENT ANY OFF-SITE EROSION OR SEDIMENTATION. MEASURES COULD INCLUDE, BUT ARE NOT LIMITED TO, TEMPORARY BERMS, BASINS, ADDITIONAL SILT FENCING AND HAY BALES AND /OR TEMPORARY SEEDING AND SODDING. CONTRACTOR TO LEAVE NO AREA UN-VEGETATED FOR MORE THAN 7 DAYS.

UTILITY NOTES:

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. IF THE LOCATION OR ELEVATION IS SUBSTANTIALLY DIFFERENT FROM THAT SHOWN ON THE PLANS, OR IF CONFLICTS EXIST, THE ENGINEER SHALL BE NOTIFIED.
2. ALL EXISTING AND PROPOSED UTILITIES WITHIN LIMITS OF THE PROJECT MUST MEET MINIMUM DEPTH REQUIREMENTS UNDER PAVEMENT AND IN NATURAL AREAS. ANY EXISTING UTILITY THAT MAY BE IN CONFLICT WITH APPROVED ROADWAY FEATURES FOR THIS PROJECT MUST BE RELOCATED.
3. IN ADDITION TO THE RELOCATION OF THE EXISTING UTILITIES SHOWN ON THESE PLANS, FURTHER RELOCATION OF EXISTING UTILITIES MAYBE REQUIRED. CONTRACTOR/DEVELOPER TO COORDINATE WITH UTILITY COMPANIES AS NEEDED.



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Phone: 850-678-2223

PREPARED BY:

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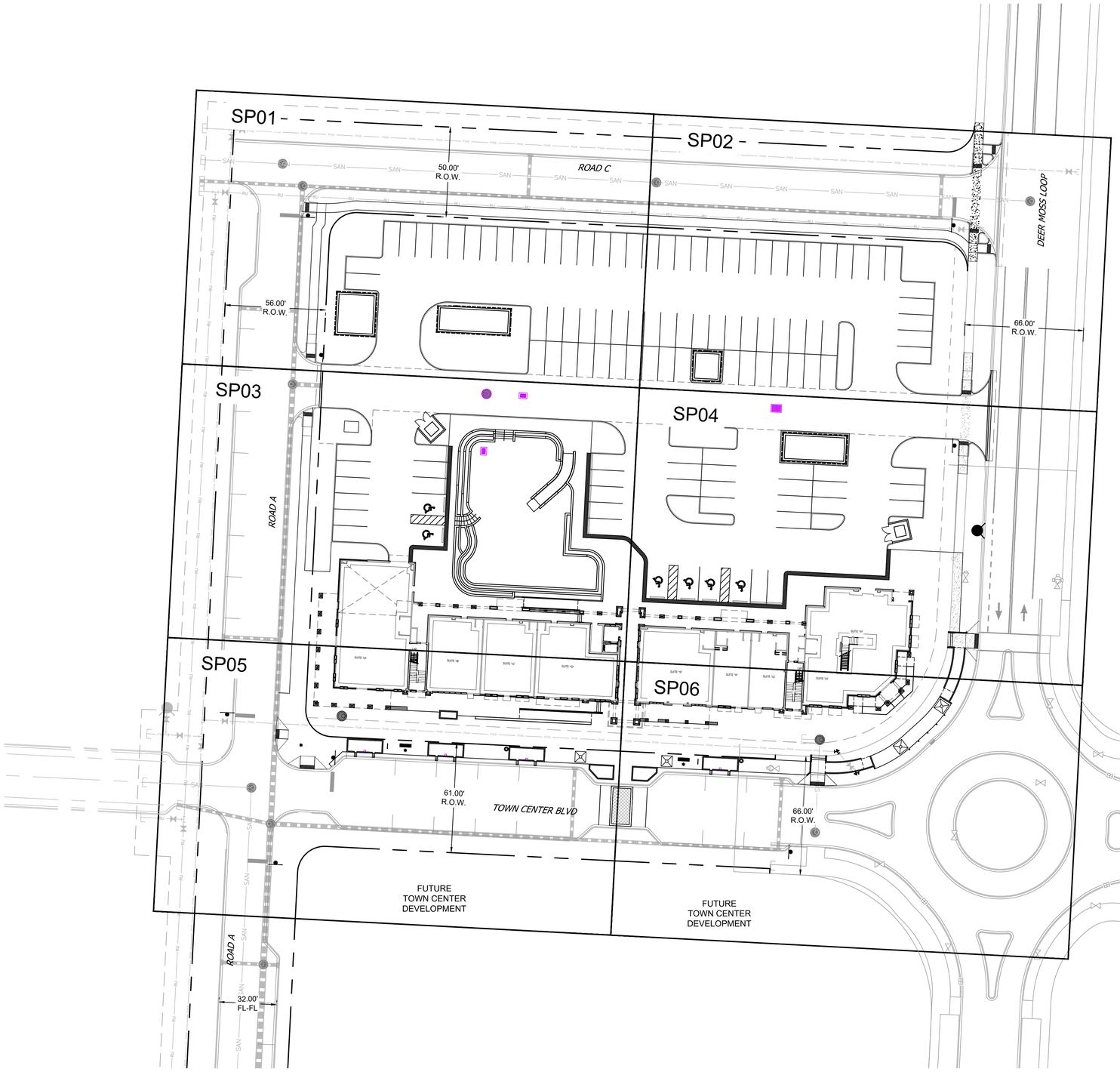
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CONSTRUCTION DOCUMENTS

EXISTING CONDITIONS

DESIGNED BY:	JK	SCALE		DATE ISSUED:	MAR 2026	DRAWING No.
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CHECKED BY:	MJ	VERT.	----			

CONSTRUCTION DOCUMENTS



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GENERAL SITE NOTES:

1. REFERENCE THE LATEST F.D.O.T. STANDARD PLANS FOR CONSTRUCTION FOR ROAD AND BRIDGE DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM.
2. DISTANCES SHOWN ALONG CURVES ARE ARC LENGTHS
3. POSTED SPEED LIMIT FOR THE ENTIRE PROJECT IS 25 MPH UNLESS OTHERWISE NOTED..
4. PROPOSED ROADWAYS ARE A CITY OF NICEVILLE MAINTAINED RIGHT OF WAY.
5. ALL WORK IN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE LATEST ROADWAY & TRAFFIC DESIGN STANDARDS, THE LATEST STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, THE PLANS PREPARATION MANUAL (PPM), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
6. ALL LANES MUST BE OPEN FOR TRAFFIC DURING A NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE LOCAL MAINTENANCE ENGINEER OR HIS DESIGNEE.
7. ALL STREET STRIPING WITHIN THE DEVELOPMENT WILL BE THE RESPONSIBILITY OF THE DEVELOPER AND WILL MEET CITY OF NICEVILLE REQUIREMENTS.
8. ALL STREET STRIPING WITHIN RIGHT OF WAY WILL BE THERMOPLASTIC AND SIGNAGE WILL MEET THE MOST RECENT SIZE AND REFLECTIVITY STANDARDS AND WILL BE RESPONSIBILITY OF DEVELOPER.
9. CONTRACTOR SHALL PROVIDE SOLID BAHAI SODDING AND ANY OTHER MEANS NECESSARY TO STABILIZE CLEARED AND GRUBBED AREAS WITH SIDE SLOPES OF 4:1 OR STEEPER. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND IRRIGATION OF ALL GRASSED AREAS FOR STABILIZATION UNTIL SUCH TIME AS PERMANENTLY ESTABLISHED AND APPROVED AND ACCEPTED BY CITY OF NICEVILLE FOR MAINTENANCE.
10. PARKING IN ROAD RIGHT-OF-WAY AND INGRESS/EGRESS EASEMENT IS PROHIBITED UNLESS IT IS IN DESIGNATED PARKING SPACES.
11. UPON FINAL ACCEPTANCE OF THIS DEVELOPMENT BY THE CITY, THERE WILL BE A (2) YEAR WARRANTY PERIOD AS DEFINED IN THE LAND DEVELOPMENT CODE. ANY NECESSARY REPAIRS TO THE INFRASTRUCTURE INCLUDING ROADWAYS, SIDEWALKS, CURBING AND THE DRAINAGE SYSTEM WILL BE THE RESPONSIBILITY OF THE DEVELOPER.
12. TO PROTECT THE EXISTING WATER, GAS AND FORCE MAINS, A VIBRATORY ROLLER CANNOT BE USED IN THE AREA OF THE MAINS IF THERE IS LESS THAN 36" OF COVER OVER THE MAIN.
13. ALL STREET SIGNAGE INSTALLATIONS MUST MEET THE LATEST MUTCD GUIDELINES USING STANDARD GRADE SIGN MATERIALS; ALUMINUM FACING, U-CHANNEL POST AND INDUSTRY STANDARD GRADE HARDWARE. THE CITY IS NOT RESPONSIBLE FOR COST ASSOCIATED WITH THE UPKEEP OR REPLACEMENT OF DECORATIVE OR CUSTOM BUILT SIGNS AND HARDWARE.
14. ANY TREE PLANTED ON CITY RIGHT OF WAY MUST MEET THE LANDSCAPE DEVELOPMENT STANDARDS 12.04.03. TREE SPECIES WHOSE ROOTS ARE KNOWN TO CAUSE DAMAGE TO ROADWAYS OR OTHER PUBLIC WORKS SHOULD BE AVOIDED. NO TREE WILL BE ALLOWED TO GROW WITHIN THE CITY RIGHT OF WAY THAT WILL RESTRICT THE LINE OF SIGHT OR VISION OF VEHICLES AND PEDESTRIANS. LARGE VARIETY TREES SHOULD NOT BE PLANTED CLOSER THAN 10 FEET TO UNDERGROUND WATER AND SEWER SERVICE LINES, METER AND CLEAN OUTS.
15. DEVELOPER WILL PROVIDE A STREET LIGHTING PLAN WHEN IT BECOMES AVAILABLE OR A LETTER STATING THAT ADEQUATE STREET LIGHTING WILL BE PROVIDED AT NO COST TO THE CITY. ANY UPGRADE OF THE STREET LIGHTING FIXTURES OR POLES WILL NOT BE ACCEPTED AND APPROVED BY THE CITY UNLESS A SIGNED AGREEMENT OR CONTRACT WITH GULF POWER THAT INCLUDES THE MONTHLY COST IS PROVIDED TO THE CITY. ALL STREET LIGHTING FIXTURES WILL BE CUT OR SHIELDED TO PREVENT UPWARD GLARE. THE FINAL LIGHTING PLAN MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO INSTALLATION. DEVELOPER SHOULD VERIFY THAT ADEQUATE POWER AND CONDUITS ARE PROVIDED FOR STREET LIGHTING ALONG ALL ROADWAY SEGMENTS INCLUDING ANY POWER NECESSARY FOR ENTRANCE SIGNAGE.
16. THIS PARCEL LIES IN FLOOD ZONE X (NO MINIMUM), AS DETERMINED BY SCALE FROM FEMA PANEL #12091C0400 J, DATED 03/09/2021, AND FURNISHED BY OKALOOSA COUNTY GEOGRAPHIC INFORMATION SERVICE.

N

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SCALE IN FEET
ORIGINAL SCALE

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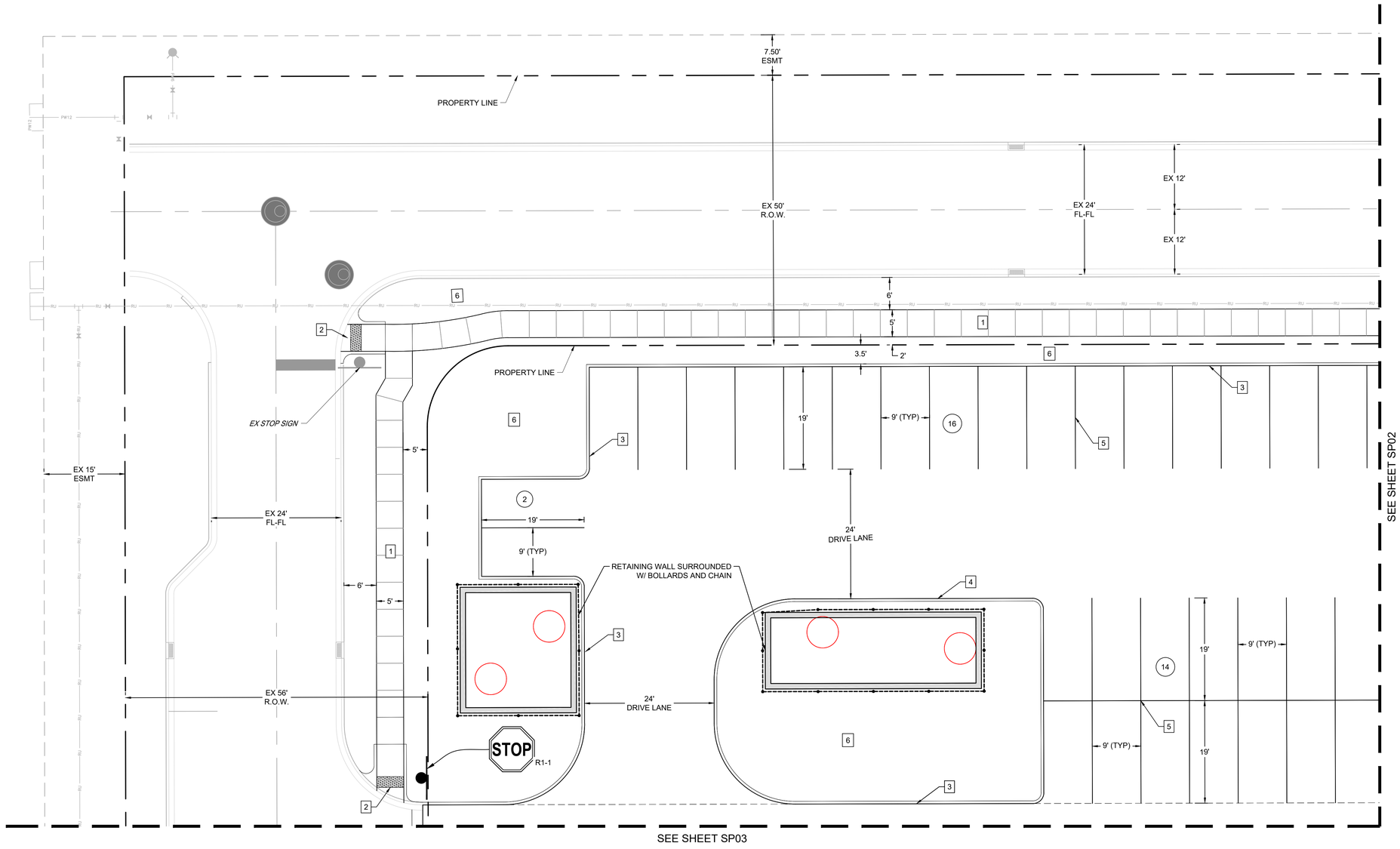
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OVERALL SITE PLAN

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.			
CHECKED BY:	MJ	VERT.	SHEET	3 OF 57	OV01

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SITE PLAN KEY NOTES

1	CONCRETE SIDEWALK
2	ACCESSIBLE RAMP
3	CURB AND GUTTER (SPILL)
4	CURB AND GUTTER (CATCH)
5	PARKING STRIPING
6	LANDSCAPE AREA
7	TRASH ENCLOSURE
8	BENCH
9	BIKE RACK
10	BOLLARD
11	LANDSCAPE PLANTER
12	SANITARY SEWER SERVICE (SEE UTILITY PLANS)
13	PEDESTRIAN LIGHT POLE
14	STORM INLET
15	STORM MANHOLE
16	WHEEL STOP
17	STORM INLET
18	3' WIDE CROSS PAN
19	CHASE DRAINS
20	STORM MANHOLE

LEGEND:

- RIGHT-OF-WAY / PROPERTY LINE
- SIGN
- CENTER LINE
- EASEMENT LINE
- KEYSTONE BLOCK WALL (SEE SHEET BG01)
- PROPOSED STEP
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

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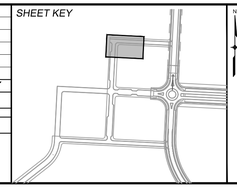
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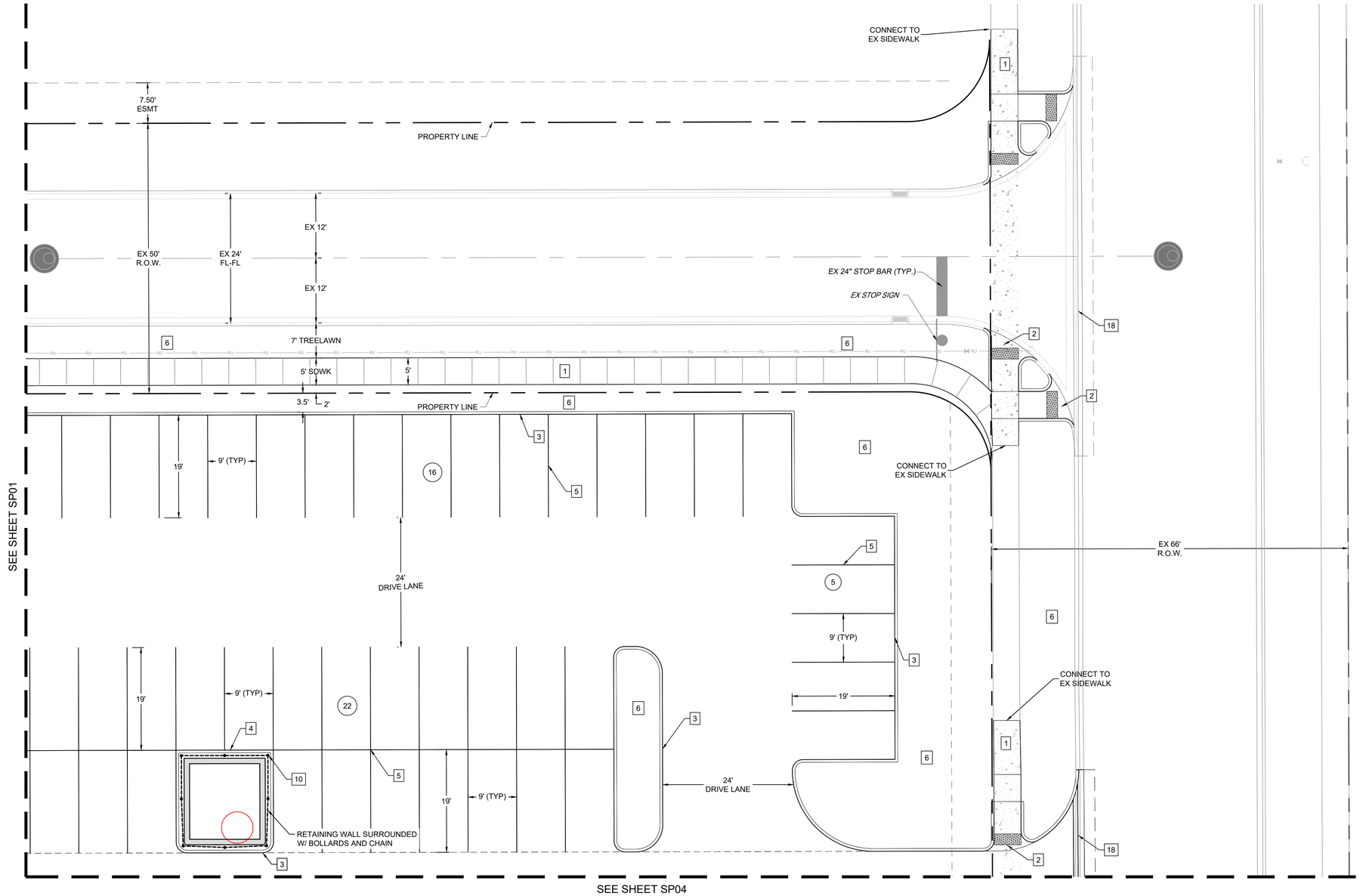
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SITE PLAN

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SITE PLAN KEY NOTES

1	CONCRETE SIDEWALK
2	ACCESSIBLE RAMP
3	CURB AND GUTTER (SPILL)
4	CURB AND GUTTER (CATCH)
5	PARKING STRIPING
6	LANDSCAPE AREA
7	TRASH ENCLOSURE
8	BENCH
9	BIKE RACK
10	BOLLARD
11	LANDSCAPE PLANTER
12	SANITARY SEWER SERVICE (SEE UTILITY PLANS)
13	PEDESTRIAN LIGHT POLE
14	STORM INLET
15	STORM MANHOLE
16	WHEEL STOP
17	STORM INLET
18	3' WIDE CROSS PAN
19	CHASE DRAINS
20	STORM MANHOLE

LEGEND:

- RIGHT-OF-WAY / PROPERTY LINE
- SIGN
- CENTER LINE
- EASEMENT LINE
- KEYSTONE BLOCK WALL (SEE SHEET BG01)
- PROPOSED STEP
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

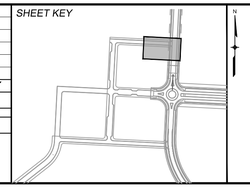
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1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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PROJECT No. 22.765.009

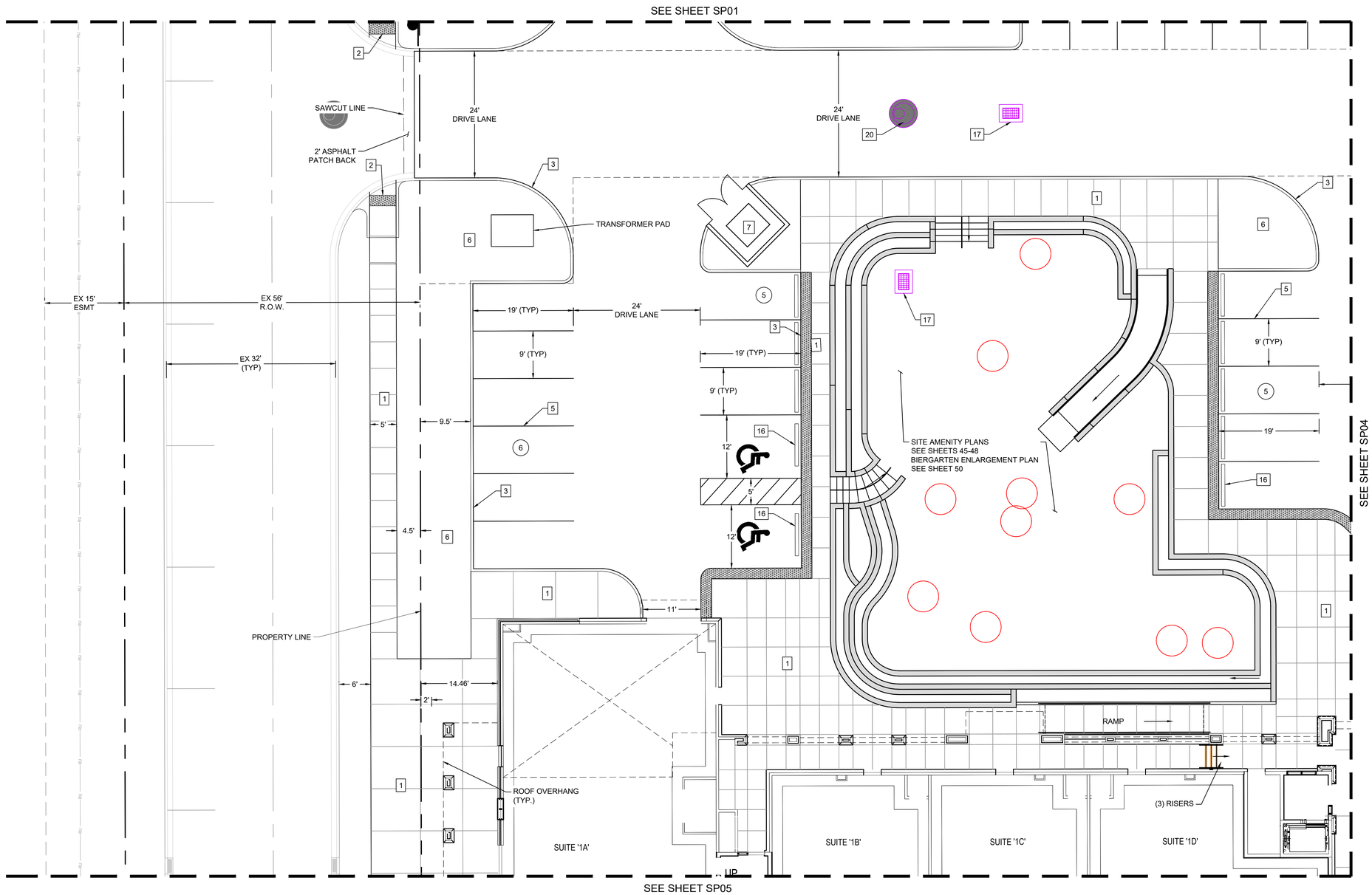
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CONSTRUCTION DOCUMENTS

SITE PLAN

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	5 OF 57	SP02
CHECKED BY:	MJ	VERT.			

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SITE PLAN KEY NOTES

1	CONCRETE SIDEWALK
2	ACCESSIBLE RAMP
3	CURB AND GUTTER (SPILL)
4	CURB AND GUTTER (CATCH)
5	PARKING STRIPING
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7	TRASH ENCLOSURE
8	BENCH
9	BIKE RACK
10	BOLLARD
11	LANDSCAPE PLANTER
12	SANITARY SEWER SERVICE (SEE UTILITY PLANS)
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14	STORM INLET
15	STORM MANHOLE
16	WHEEL STOP
17	STORM INLET
18	3' WIDE CROSS PAN
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20	STORM MANHOLE

LEGEND:

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- SIGN
- CENTER LINE
- EASEMENT LINE
- KEYSTONE BLOCK WALL (SEE SHEET BG01)
- PROPOSED STEP
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

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REFERENCE DRAWINGS

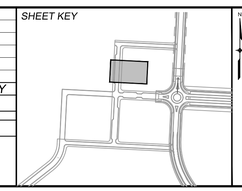
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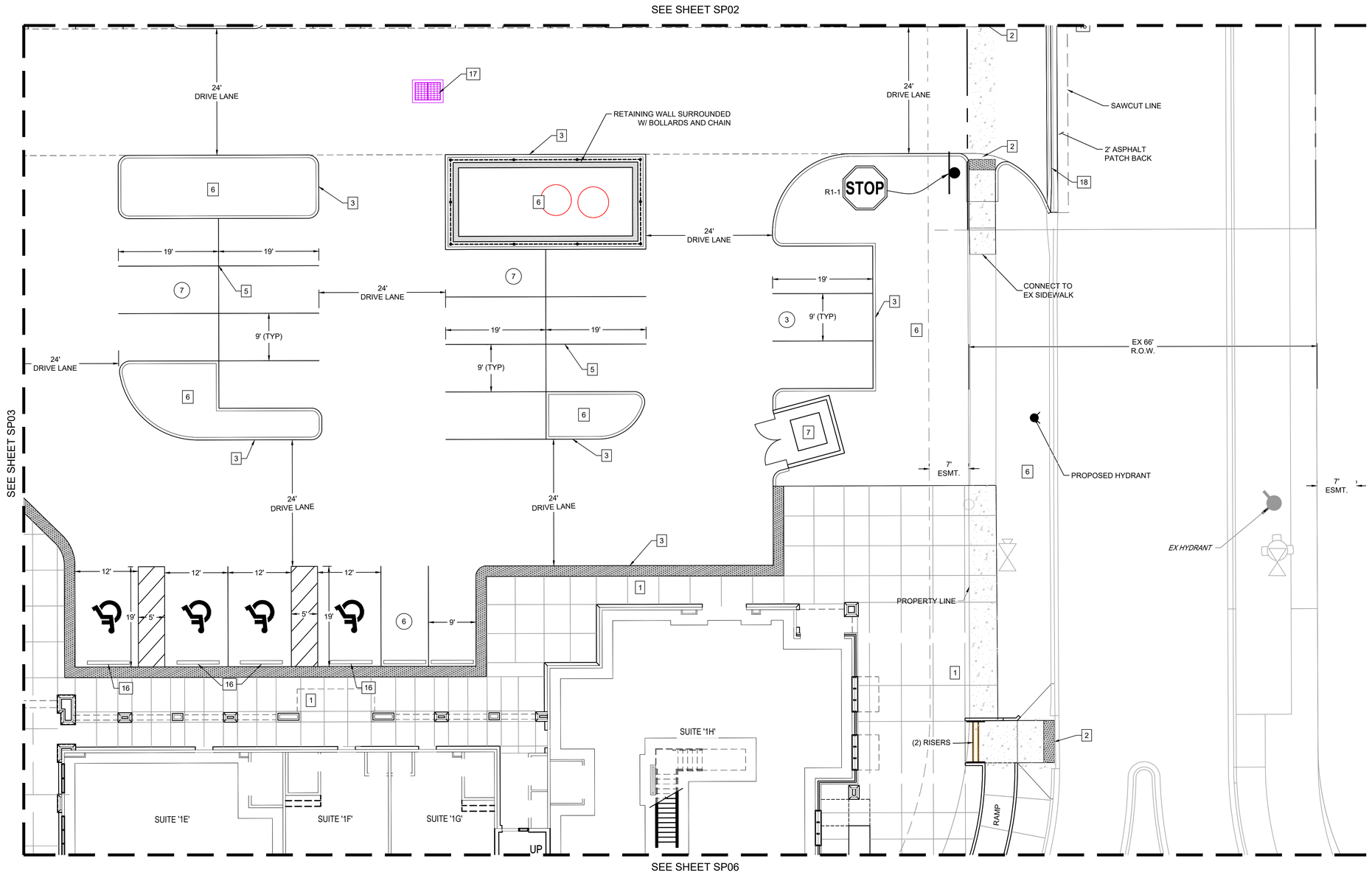
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CONSTRUCTION DOCUMENTS

SITE PLAN

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DRAWN BY:	EG	HORIZ.	SHEET	6 OF 57	SP03
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SITE PLAN KEY NOTES

1	CONCRETE SIDEWALK
2	ACCESSIBLE RAMP
3	CURB AND GUTTER (SPILL)
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SCALE IN FEET
ORIGINAL SCALE

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REFERENCE DRAWINGS

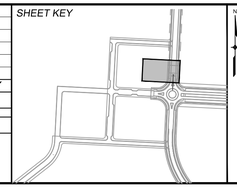
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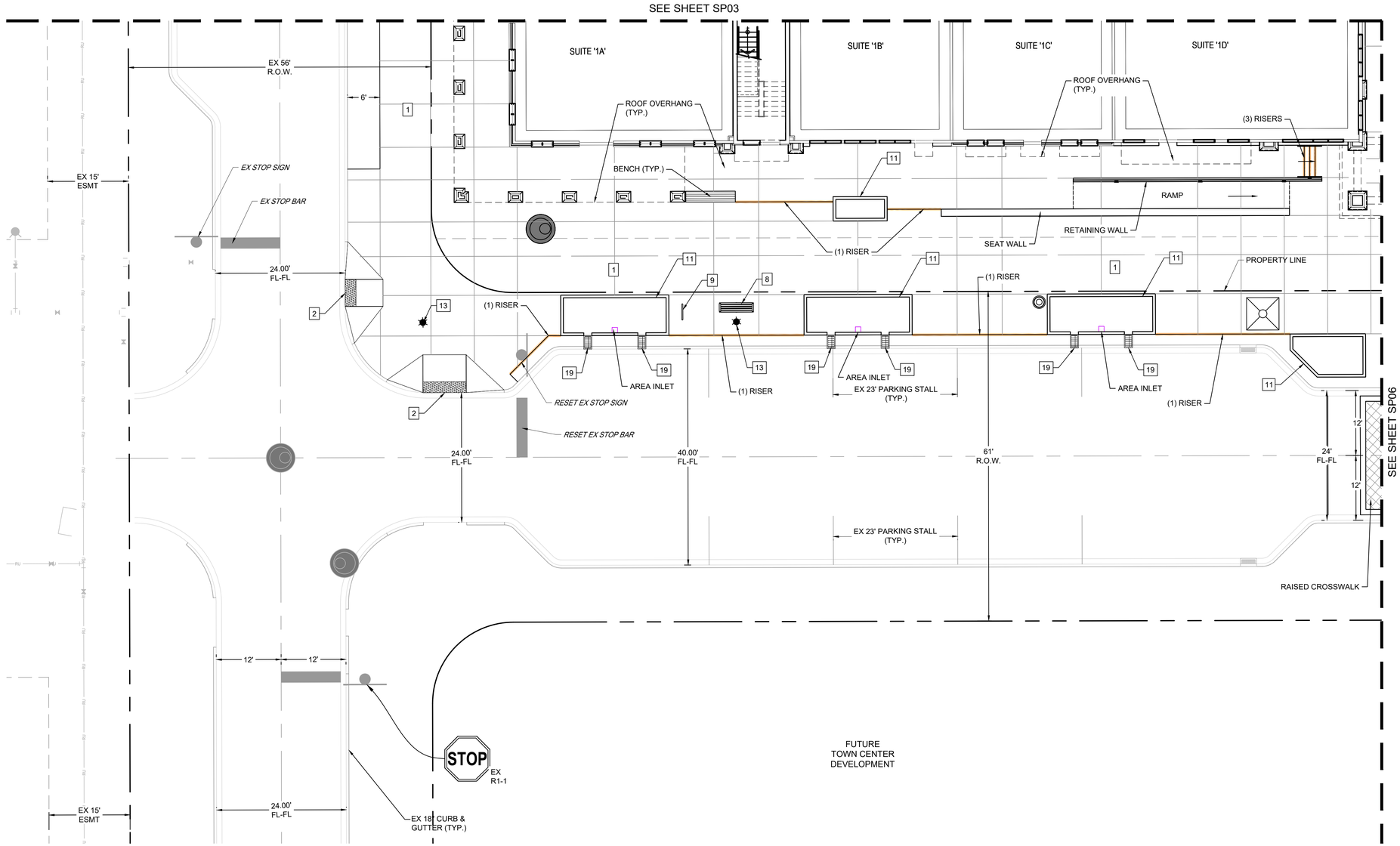
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SITE PLAN

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DRAWN BY:	EG	HORIZ.		
CHECKED BY:	MJ	VERT.	SHEET 7 OF 57	SP04

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SITE PLAN KEY NOTES

1	CONCRETE SIDEWALK
2	ACCESSIBLE RAMP
3	CURB AND GUTTER (SPILL)
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10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

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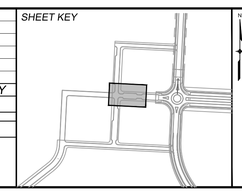
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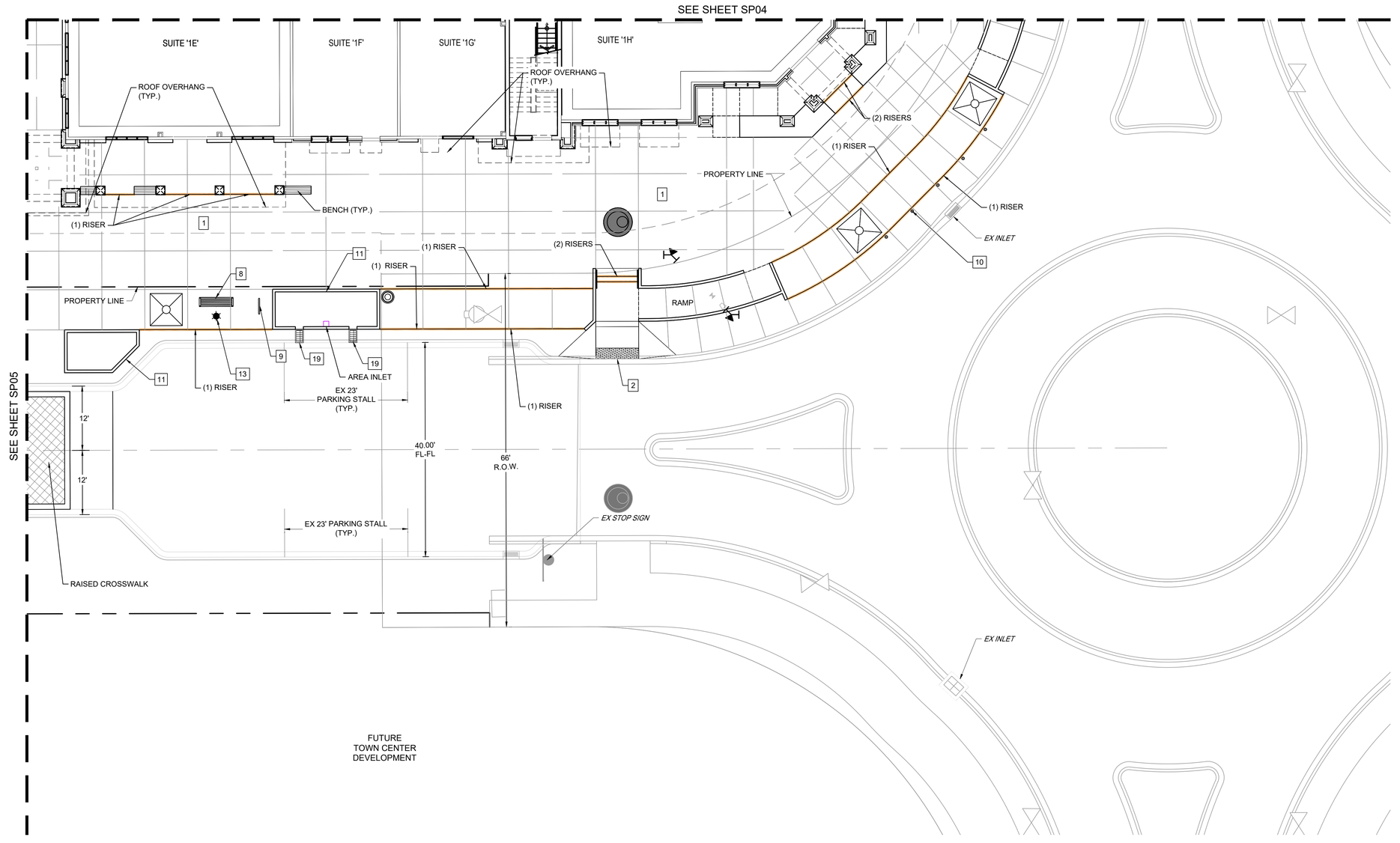
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SITE PLAN

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SITE PLAN KEY NOTES

1	CONCRETE SIDEWALK
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- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

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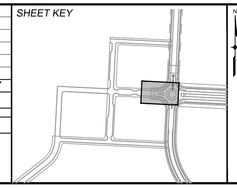
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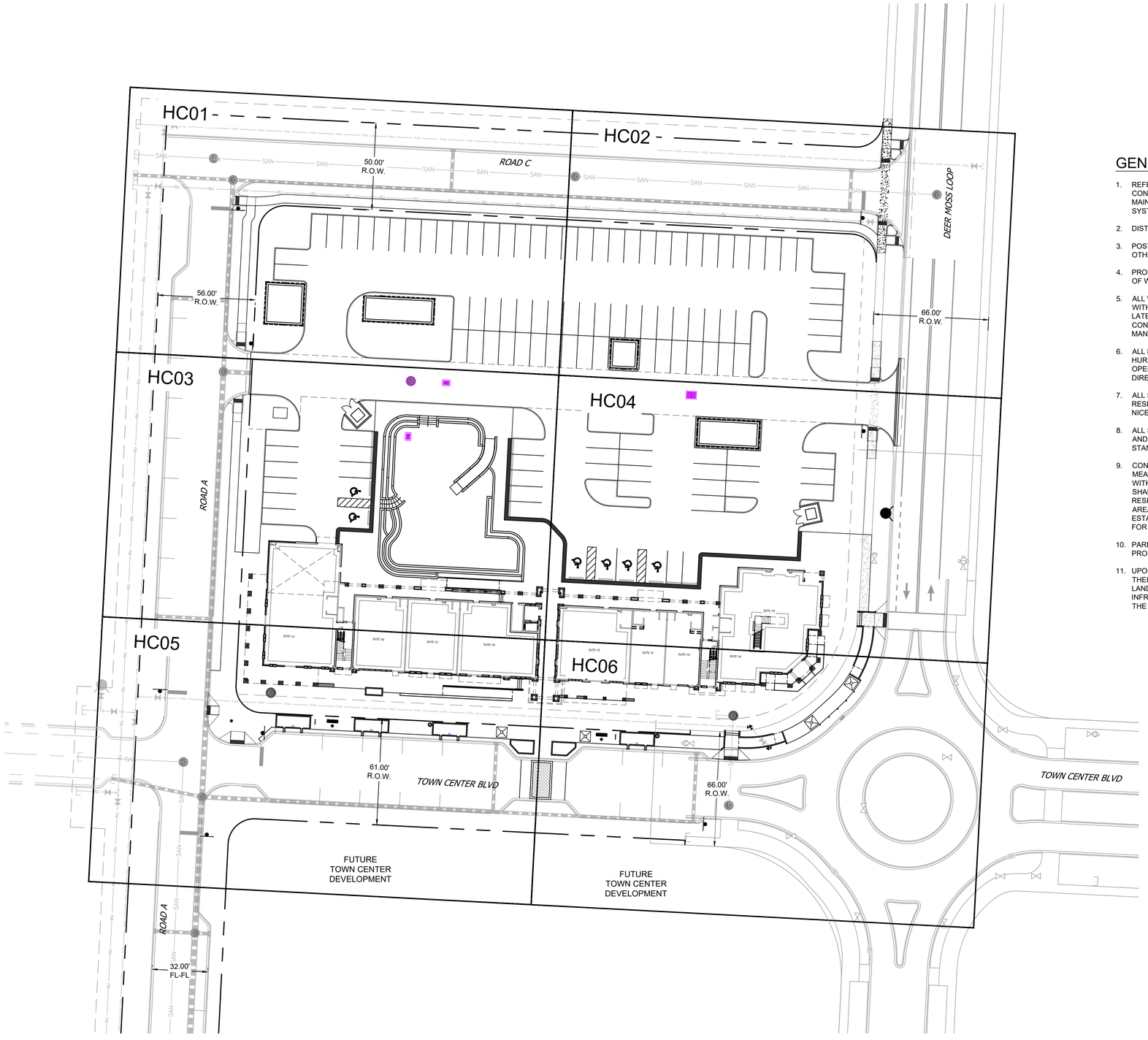
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SITE PLAN

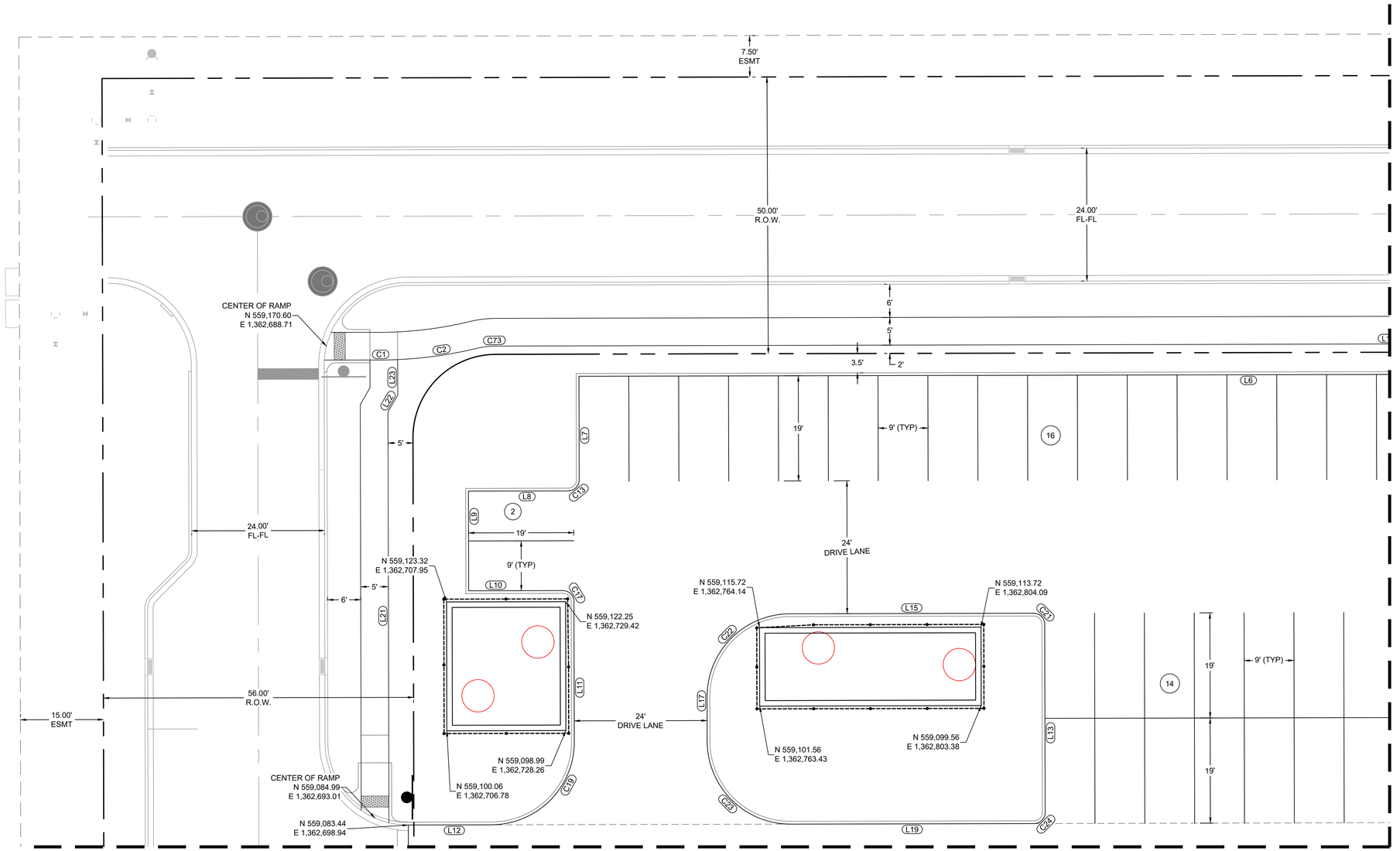
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DRAWN BY:	EG	HORIZ.			SP06
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SEE SHEET HC03

LEGEND:

- RIGHT-OF-WAY / PROPERTY LINE
- SIGN
- CENTER LINE
- EASEMENT LINE
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

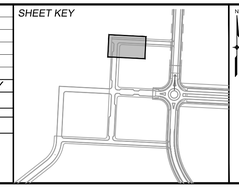
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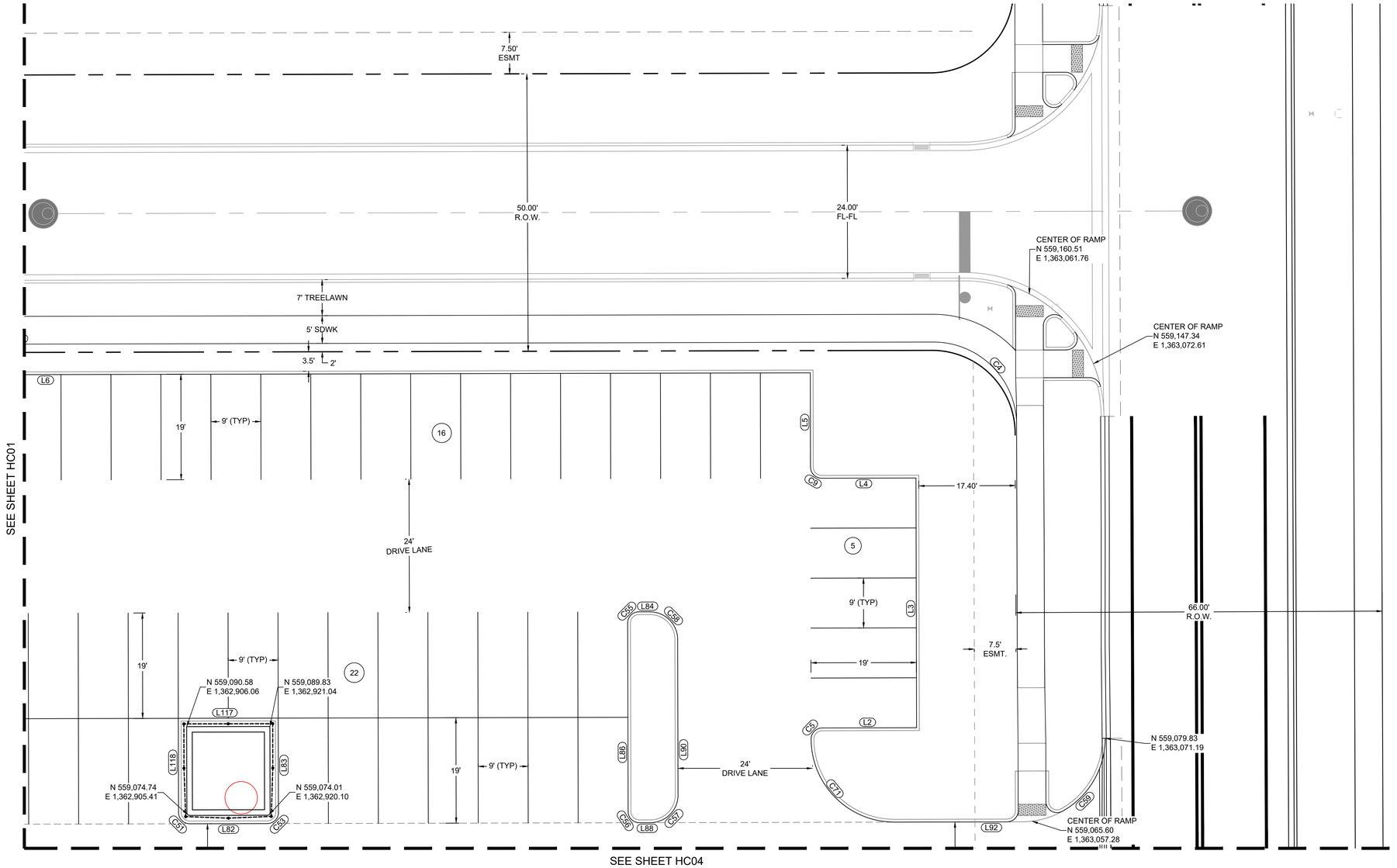
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CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL 01

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- SIGN
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- EASEMENT LINE
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
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N

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SCALE IN FEET
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REFERENCE DRAWINGS

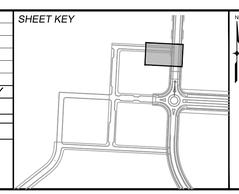
No.	DATE	DESCRIPTION	BY

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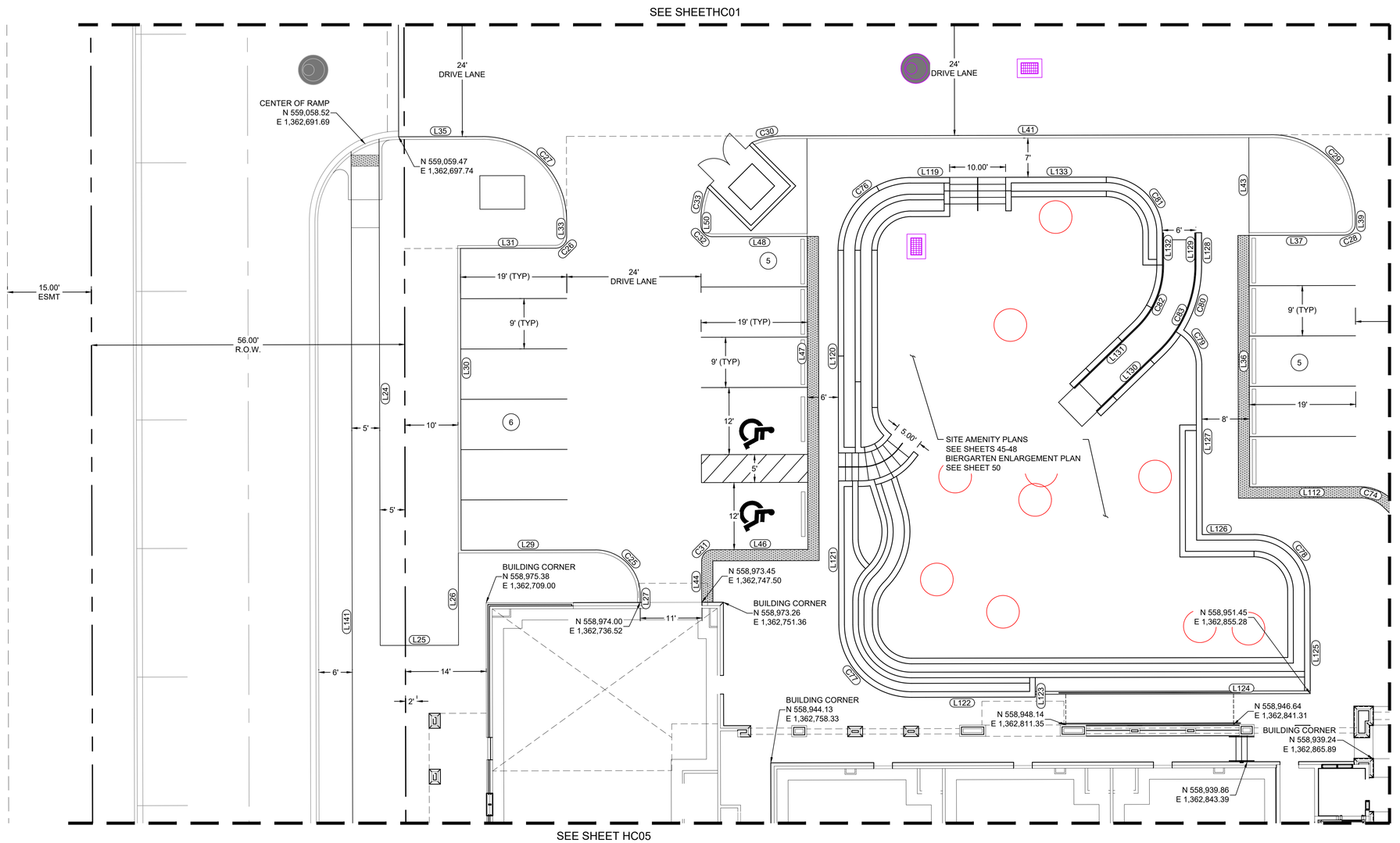
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CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL 02

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
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CHECKED BY:	MJ	VERT.	SHEET	12 OF 57	

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LEGEND:

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- CENTER LINE
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REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

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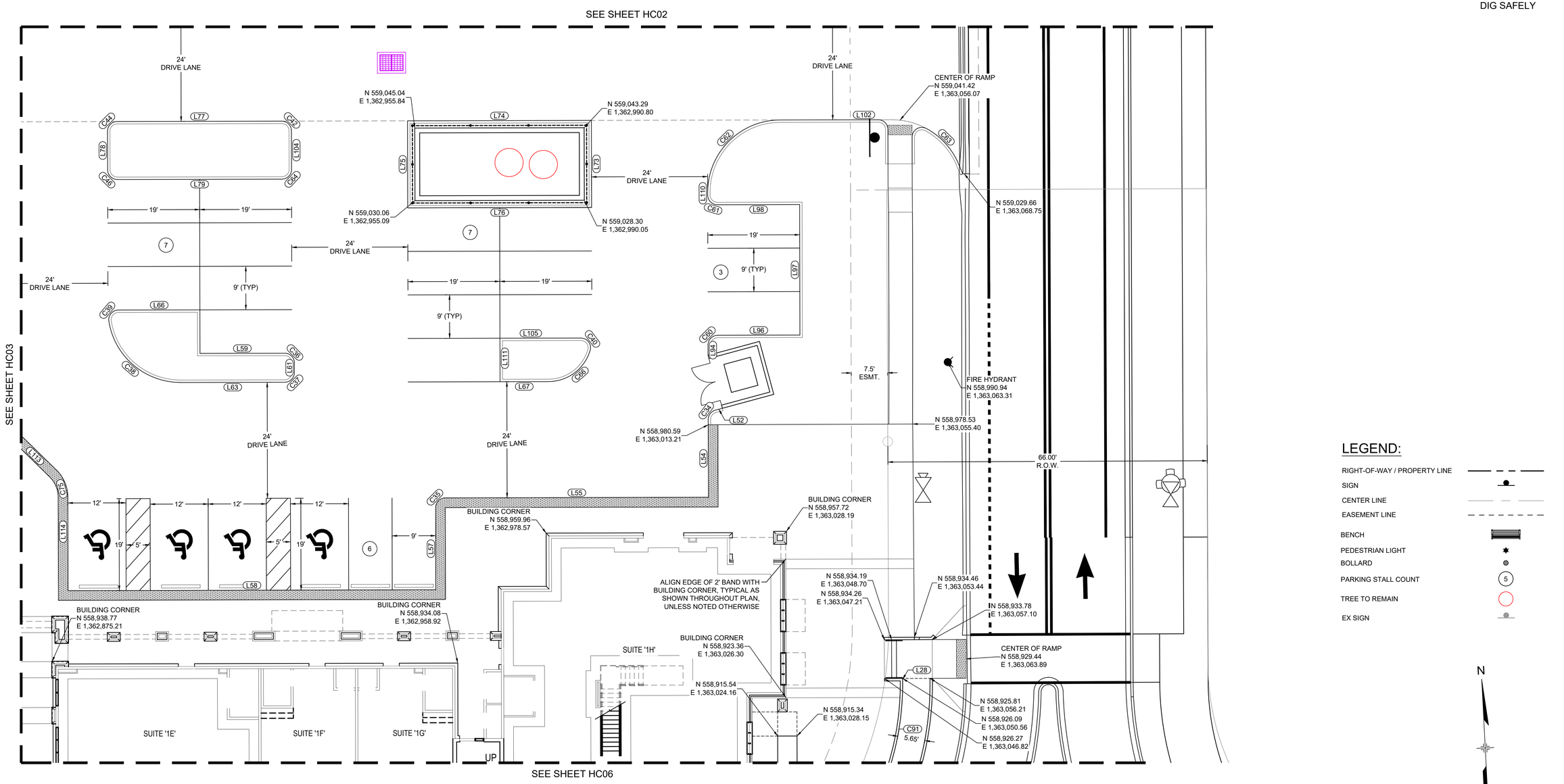
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CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL 03

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
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- EASEMENT LINE
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

REVISIONS

SHEET KEY

COMPUTER FILE MANAGEMENT

FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\HC01.dwg
CTB FILE: Matrix.ctb
PLOT DATE: March 17, 2026 4:18:21 PM
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PREPARED FOR:

Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT

1003C John Sims Parkway
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Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

Matrix
Excellence by Design

320 Bayshore Drive, Suite B
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www.matrixdesigngroup.com

SEAL

FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

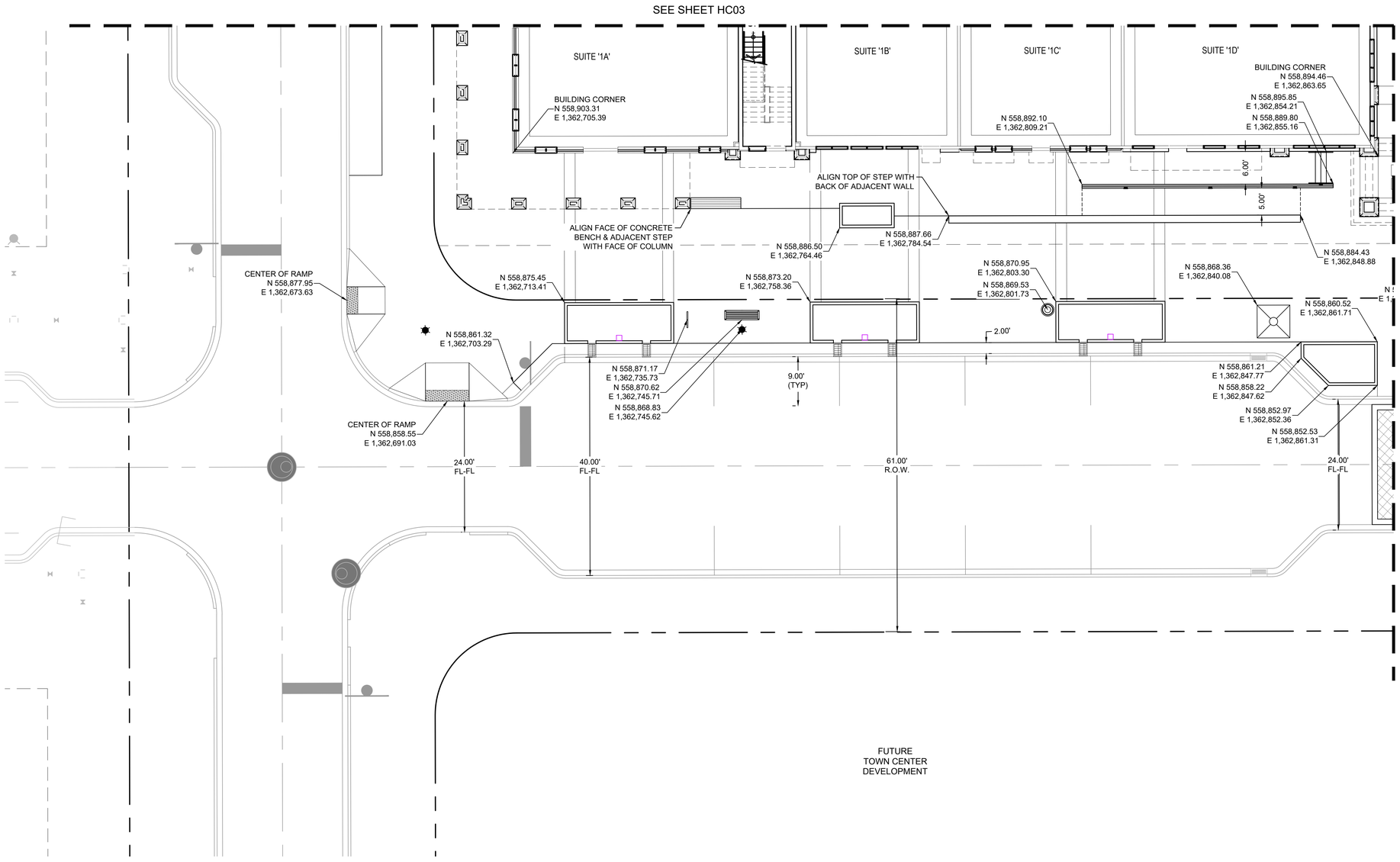
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL 04

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.			
CHECKED BY:	MJ	VERT.	SHEET	14 OF 57	HC04

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- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
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ORIGINAL SCALE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

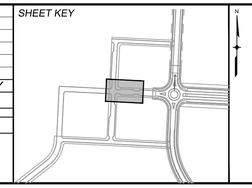
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FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\HC01.dwg
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PLOT DATE: March 17, 2026 4:18:22 PM
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PROJECT No. 22.765.009

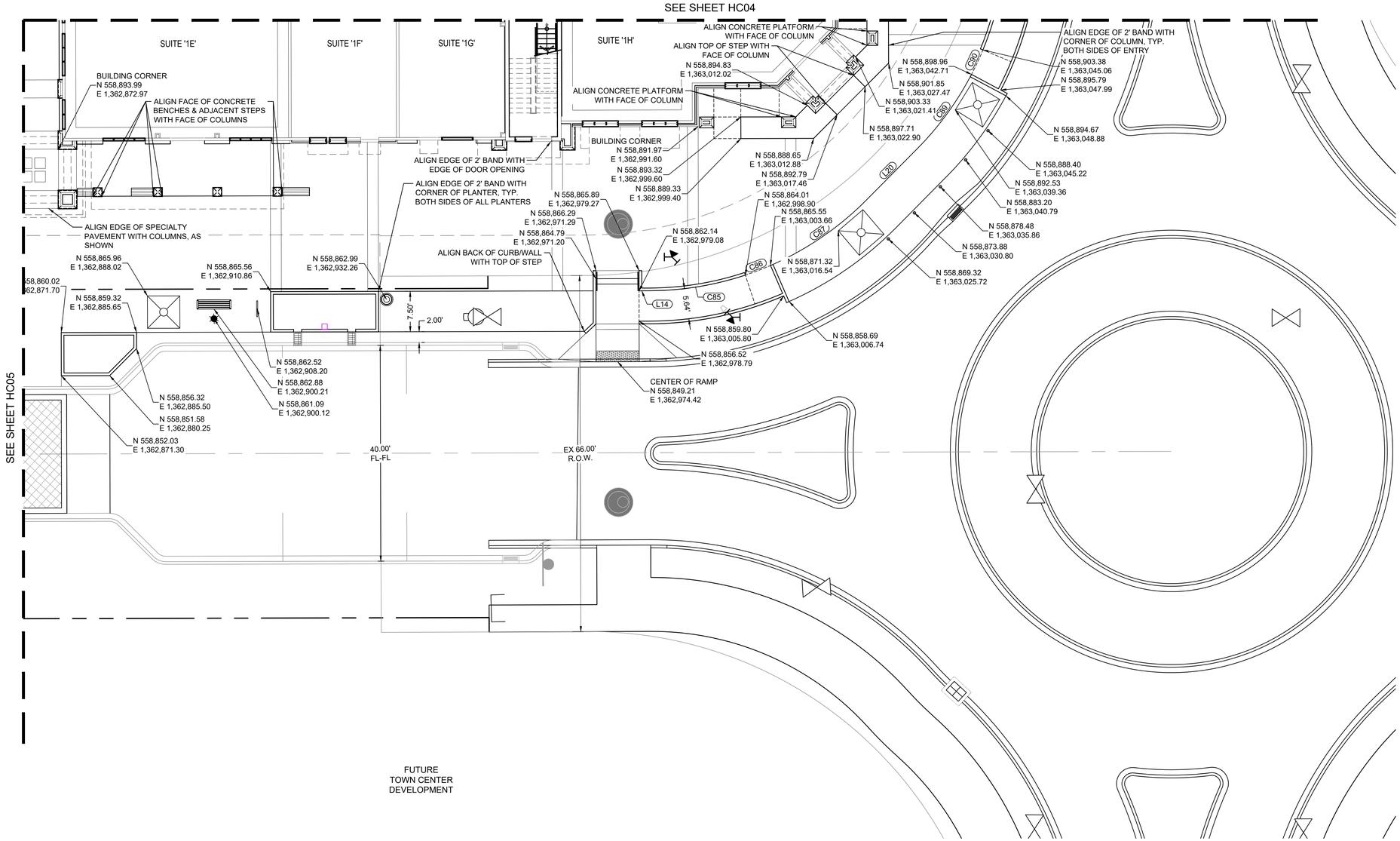
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CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL 05

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
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- CENTER LINE
- EASEMENT LINE
- BENCH
- PEDESTRIAN LIGHT
- BOLLARD
- PARKING STALL COUNT (5)
- TREE TO REMAIN
- EX SIGN

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

REVISIONS

SHEET KEY

COMPUTER FILE MANAGEMENT

FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\HC01.dwg
CTB FILE: Matrix.ctb
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Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL 06

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LINE TABLE				
LINE #	BEARING	DISTANCE	START NORTHING & EASTING	END NORTHING & EASTING
L1	S87°07'56"E	324.88'	N: 559169.03 E: 1362719.25	N: 559152.77 E: 1363043.73
L2	S87°07'56"E	17.00'	N: 559084.36 E: 1363020.39	N: 559083.51 E: 1363037.37
L3	N02°52'04"E	45.00'	N: 559083.51 E: 1363037.37	N: 559128.45 E: 1363039.62
L4	N87°07'56"W	17.00'	N: 559128.45 E: 1363039.62	N: 559129.30 E: 1363022.64
L5	N02°52'04"E	17.00'	N: 559131.40 E: 1363020.75	N: 559148.38 E: 1363021.60
L6	N87°07'56"W	162.00'	N: 559148.38 E: 1363021.60	N: 559156.48 E: 1362859.80
L7	S02°52'04"W	18.71'	N: 559162.79 E: 1362733.96	N: 559144.10 E: 1362733.02
L8	N87°07'56"W	18.00'	N: 559142.20 E: 1362730.92	N: 559143.10 E: 1362712.95
L9	S02°52'04"W	18.00'	N: 559143.10 E: 1362712.95	N: 559125.12 E: 1362712.05
L10	S87°07'56"E	17.00'	N: 559125.12 E: 1362712.05	N: 559124.27 E: 1362729.02
L11	S02°52'04"W	25.29'	N: 559122.17 E: 1362730.92	N: 559096.92 E: 1362729.66
L12	N87°07'56"W	15.00'	N: 559082.69 E: 1362713.92	N: 559083.44 E: 1362698.94
L13	N02°52'04"E	34.00'	N: 559079.68 E: 1362813.90	N: 559113.64 E: 1362815.60
L14	S87°07'56"E	1.00'	N: 558862.14 E: 1362979.08	N: 558862.09 E: 1362980.07
L15	N87°07'56"W	44.00'	N: 559115.74 E: 1362813.70	N: 559117.94 E: 1362769.76
L17	S02°52'04"W	8.00'	N: 559103.71 E: 1362754.03	N: 559095.72 E: 1362753.63
L19	S87°07'56"E	44.00'	N: 559079.99 E: 1362767.86	N: 559077.78 E: 1362811.80
L20	N47°44'39"E	13.37'	N: 558876.76 E: 1363022.07	N: 558885.74 E: 1363031.96
L21	N02°52'04"E	73.71'	N: 559084.54 E: 1362695.49	N: 559158.15 E: 1362699.18
L22	N32°52'04"E	3.54'	N: 559158.15 E: 1362699.18	N: 559161.12 E: 1362701.10
L23	N02°52'04"E	6.34'	N: 559161.12 E: 1362701.10	N: 559167.46 E: 1362701.42
L24	S02°52'04"W	90.07'	N: 559058.72 E: 1362694.20	N: 558968.76 E: 1362689.69
L25	S87°07'56"E	14.00'	N: 558968.76 E: 1362689.69	N: 558968.06 E: 1362703.68
L26	N02°52'04"E	16.50'	N: 558968.06 E: 1362703.68	N: 558984.54 E: 1362704.50
L27	N02°52'04"E	1.42'	N: 558974.00 E: 1362736.52	N: 558975.42 E: 1362736.59
L28	N02°15'03"E	0.38'	N: 558925.71 E: 1363050.55	N: 558926.09 E: 1363050.56
L29	N87°07'56"W	24.00'	N: 558983.81 E: 1362729.00	N: 558985.01 E: 1362705.03
L30	N02°52'04"E	54.00'	N: 558985.01 E: 1362705.03	N: 559038.94 E: 1362707.73
L31	S87°07'56"E	17.00'	N: 559038.94 E: 1362707.73	N: 559038.09 E: 1362724.71
L33	N02°52'04"E	3.00'	N: 559039.99 E: 1362726.80	N: 559042.99 E: 1362726.95
L35	N87°07'56"W	15.00'	N: 559058.72 E: 1362712.72	N: 559059.47 E: 1362697.74
L36	N02°52'04"E	45.00'	N: 558988.94 E: 1362846.40	N: 559033.89 E: 1362848.65
L37	S87°07'56"E	17.00'	N: 559033.89 E: 1362848.65	N: 559033.04 E: 1362865.63
L39	N02°52'04"E	1.00'	N: 559034.93 E: 1362867.73	N: 559035.93 E: 1362867.78
L41	N87°07'56"W	87.00'	N: 559051.66 E: 1362853.55	N: 559056.02 E: 1362766.66
L43	N02°52'04"E	17.00'	N: 559034.38 E: 1362848.68	N: 559051.36 E: 1362849.53
L44	N02°52'04"E	7.42'	N: 558973.45 E: 1362747.50	N: 558980.86 E: 1362747.87
L46	S87°07'56"E	17.00'	N: 558982.76 E: 1362749.97	N: 558981.91 E: 1362766.95
L47	N02°52'04"E	56.00'	N: 558981.91 E: 1362766.95	N: 559037.84 E: 1362769.75
L48	N87°07'56"W	17.00'	N: 559037.84 E: 1362769.75	N: 559038.69 E: 1362752.77

LINE TABLE				
LINE #	BEARING	DISTANCE	START NORTHING & EASTING	END NORTHING & EASTING
L50	N02°52'04"E	1.00'	N: 559040.79 E: 1362750.87	N: 559041.79 E: 1362750.92
L52	S77°52'04"W	1.50'	N: 558983.84 E: 1363016.29	N: 558983.53 E: 1363014.82
L54	S02°52'04"W	16.09'	N: 558981.67 E: 1363013.25	N: 558965.61 E: 1363012.44
L55	N87°07'56"W	54.38'	N: 558965.61 E: 1363012.44	N: 558968.33 E: 1362958.13
L57	S02°52'04"W	17.00'	N: 558966.43 E: 1362956.03	N: 558949.45 E: 1362955.18
L58	N87°07'56"W	76.00'	N: 558949.45 E: 1362955.18	N: 558953.25 E: 1362879.28
L59	S87°07'56"E	17.50'	N: 559000.82 E: 1362909.07	N: 558999.95 E: 1362926.55
L61	S02°52'04"W	2.00'	N: 558997.85 E: 1362928.45	N: 558995.85 E: 1362928.35
L63	N87°07'56"W	21.50'	N: 558993.95 E: 1362926.25	N: 558995.03 E: 1362904.78
L66	S87°07'56"E	16.85'	N: 559010.65 E: 1362892.70	N: 559009.81 E: 1362909.52
L67	S87°07'56"E	10.00'	N: 558991.73 E: 1362970.70	N: 558991.23 E: 1362980.68
L72	S87°07'56"E	38.00'	N: 559028.63 E: 1362953.52	N: 559026.73 E: 1362991.47
L73	N02°52'04"E	18.00'	N: 559026.73 E: 1362991.47	N: 559044.71 E: 1362992.37
L74	N87°07'56"W	38.00'	N: 559044.71 E: 1362992.37	N: 559046.61 E: 1362954.42
L75	S02°52'04"W	18.00'	N: 559046.61 E: 1362954.42	N: 559028.63 E: 1362953.52
L76	S87°07'56"E	38.00'	N: 559028.63 E: 1362953.52	N: 559026.73 E: 1362991.47
L77	N87°07'56"W	34.00'	N: 559047.91 E: 1362928.45	N: 559049.61 E: 1362894.50
L78	S02°52'04"W	8.00'	N: 559047.71 E: 1362892.40	N: 559039.72 E: 1362892.00
L79	S87°07'56"E	34.00'	N: 559037.63 E: 1362893.90	N: 559035.93 E: 1362927.85
L82	S87°07'56"E	14.00'	N: 559073.08 E: 1362905.68	N: 559072.38 E: 1362919.67
L83	N02°52'04"E	17.00'	N: 559074.28 E: 1362921.76	N: 559091.26 E: 1362922.61
L84	N87°07'56"W	2.00'	N: 559106.88 E: 1362990.48	N: 559106.98 E: 1362988.48
L86	S02°52'04"W	34.00'	N: 559105.08 E: 1362986.39	N: 559071.13 E: 1362984.69
L88	S87°07'56"E	2.00'	N: 559069.03 E: 1362986.58	N: 559068.93 E: 1362988.58
L90	N02°52'04"E	28.00'	N: 559073.67 E: 1362993.82	N: 559101.64 E: 1362995.22
L92	S87°07'56"E	22.96'	N: 559066.73 E: 1363032.52	N: 559065.58 E: 1363055.46
L94	N02°52'04"E	2.14'	N: 558994.93 E: 1363013.91	N: 558997.07 E: 1363014.02
L96	S87°07'56"E	17.00'	N: 558998.96 E: 1363016.11	N: 558998.11 E: 1363033.09
L97	N02°52'04"E	27.00'	N: 558998.11 E: 1363033.09	N: 559025.08 E: 1363034.44
L98	N87°07'56"W	17.00'	N: 559025.08 E: 1363034.44	N: 559025.93 E: 1363017.46
L102	S87°07'56"E	23.04'	N: 559042.76 E: 1363031.32	N: 559041.60 E: 1363054.33
L104	N02°52'04"E	8.00'	N: 559037.82 E: 1362929.95	N: 559045.81 E: 1362930.35
L105	N87°07'56"W	16.71'	N: 558999.88 E: 1362987.83	N: 559000.72 E: 1362971.15
L110	N02°52'04"E	0.50'	N: 559028.03 E: 1363015.57	N: 559028.53 E: 1363015.59
L111	S02°52'04"W	9.00'	N: 559000.72 E: 1362971.15	N: 558991.73 E: 1362970.70
L112	N87°07'56"W	19.78'	N: 558987.95 E: 1362866.15	N: 558988.94 E: 1362846.40
L113	N42°41'47"W	9.59'	N: 558978.34 E: 1362878.13	N: 558985.39 E: 1362871.63
L114	N02°52'04"E	19.29'	N: 558953.25 E: 1362879.28	N: 558972.52 E: 1362880.24
L117	N87°07'56"W	18.00'	N: 559091.26 E: 1362922.61	N: 559092.16 E: 1362904.64
L118	S02°52'04"W	17.00'	N: 559092.16 E: 1362904.64	N: 559075.18 E: 1362903.79

LINE TABLE				
LINE #	BEARING	DISTANCE	START NORTHING & EASTING	END NORTHING & EASTING
L119	N87°07'56"W	7.00'	N: 559047.05 E: 1362795.74	N: 559047.40 E: 1362788.75
L120	S02°52'04"W	36.25'	N: 559035.07 E: 1362775.12	N: 558998.86 E: 1362773.30
L121	S02°52'04"W	25.75'	N: 558993.87 E: 1362773.05	N: 558968.15 E: 1362771.77
L122	S87°07'56"E	22.10'	N: 558954.52 E: 1362784.09	N: 558953.41 E: 1362806.16
L123	N02°52'04"E	0.50'	N: 558953.41 E: 1362806.16	N: 558953.91 E: 1362806.19
L125	N02°53'37"E	18.50'	N: 558951.45 E: 1362855.28	N: 558969.92 E: 1362856.22
L126	N87°07'56"W	9.26'	N: 558980.41 E: 1362846.73	N: 558980.88 E: 1362837.49
L127	N02°52'07"E	30.42'	N: 558980.88 E: 1362837.49	N: 559011.26 E: 1362839.01
L128	N02°52'04"E	5.94'	N: 559008.88 E: 1362839.89	N: 559034.81 E: 1362840.19
L129	N02°52'04"E	5.94'	N: 559028.93 E: 1362838.89	N: 559034.86 E: 1362839.19
L130	N48°53'10"E	15.76'	N: 559003.79 E: 1362819.85	N: 559014.15 E: 1362831.73
L131	S48°53'10"W	15.76'	N: 559018.68 E: 1362827.78	N: 559008.31 E: 1362815.91
L132	S02°52'04"W	5.94'	N: 559035.16 E: 1362833.20	N: 559029.23 E: 1362832.90
L133	S87°07'56"E	18.00'	N: 559046.55 E: 1362805.73	N: 559045.55 E: 1362823.71
L141	N02°52'04"E	148.33'	N: 558900.51 E: 1362681.27	N: 559048.65 E: 1362688.69

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	START NORTHING & EASTING	END NORTHING & EASTING
C1	19.04	75.00'	14°32'40"	N; 559167.71 E:1362696.42	N: 559168.72 E: 1362715.38
C2	19.04	75.00'	14°32'40"	N; 559167.71 E:1362696.42	N: 559168.72 E: 1362715.38
C4	23.54	15.00'	89°55'17"	N; 559152.77 E:1363043.73	N: 559137.06 E: 1363057.96
C5	3.14	2.00'	90°00'00"	N; 559082.46 E:1363018.29	N: 559084.36 E: 1363020.39
C9	3.14	2.00'	90°00'00"	N; 559129.30 E:1363022.64	N: 559131.40 E: 1363020.75
C13	3.14	2.00'	90°00'00"	N; 559144.10 E:1362733.02	N: 559142.20 E: 1362730.92
C17	3.14	2.00'	90°00'00"	N; 559124.27 E:1362729.02	N: 559122.17 E: 1362730.92
C19	23.56	15.00'	90°00'00"	N; 559096.92 E:1362729.66	N: 559082.69 E: 1362713.92
C21	3.14	2.00'	90°00'00"	N; 559113.64 E:1362815.60	N: 559115.74 E: 1362813.70
C22	23.56	15.00'	90°00'00"	N; 559117.94 E:1362769.76	N: 559103.71 E: 1362754.03
C23	23.56	15.00'	90°00'00"	N; 559095.72 E:1362753.63	N: 559079.99 E: 1362767.86
C24	3.14	2.00'	90°00'00"	N; 559077.78 E:1362811.80	N: 559079.68 E: 1362813.90
C25	12.57	8.00'	90°00'00"	N; 558975.42 E:1362736.59	N: 558983.81 E: 1362729.00
C26	3.14	2.00'	90°00'00"	N; 559038.09 E:1362724.71	N: 559039.99 E: 1362726.80
C27	23.56	15.00'	90°00'00"	N; 559042.99 E:1362726.95	N: 559058.72 E: 1362712.72
C28	3.14	2.00'	90°00'00"	N; 559033.04 E:1362865.63	N: 559034.93 E: 1362867.73
C29	23.56	15.00'	90°00'00"	N; 559035.93 E:1362867.78	N: 559051.66 E: 1362853.55
C30	5.97	15.00'	22°47'25"	N; 559056.02 E:1362766.66	N: 559055.14 E: 1362760.79
C31	3.14	2.00'	90°00'00"	N; 558980.86 E:1362747.87	N: 558982.76 E: 1362749.97
C32	3.14	2.00'	90°00'00"	N; 559038.69 E:1362752.77	N: 559040.79 E: 1362750.87
C33	5.97	15.00'	22°47'25"	N; 559041.79 E:1362750.92	N: 559047.53 E: 1362752.38
C34	2.62	2.00'	75°00'00"	N; 558983.53 E:1363014.82	N: 558981.67 E: 1363013.25
C35	3.14	2.00'	90°00'00"	N; 558968.33 E:1362958.13	N: 558966.43 E: 1362956.03
C36	3.14	2.00'	90°00'00"	N; 558999.95 E:1362926.55	N: 558997.85 E: 1362928.45
C37	3.14	2.00'	90°00'00"	N; 558995.85 E:1362928.35	N: 558993.95 E: 1362926.25
C38	21.25	15.00'	81°09'00"	N; 558995.03 E:1362904.78	N: 559008.45 E: 1362890.61
C39	3.45	2.00'	98°51'00"	N; 559008.45 E:1362890.61	N: 559010.65 E: 1362892.70
C40	3.72	2.00'	106°36'06"	N; 558997.22 E:1362989.62	N: 558999.88 E: 1362987.83
C42	3.14	2.00'	90°00'00"	N; 559045.81 E:1362930.35	N: 559047.91 E: 1362928.45
C44	3.14	2.00'	90°00'00"	N; 559049.61 E:1362894.50	N: 559047.71 E: 1362892.40
C46	3.14	2.00'	90°00'00"	N; 559039.72 E:1362892.00	N: 559037.63 E: 1362893.90
C51	3.14	2.00'	90°00'00"	N; 559075.18 E:1362903.79	N: 559073.08 E: 1362905.68
C53	3.14	2.00'	90°00'00"	N; 559072.38 E:1362919.67	N: 559074.28 E: 1362921.76
C55	3.14	2.00'	90°00'00"	N; 559106.98 E:1362988.48	N: 559105.08 E: 1362986.39
C56	3.14	2.00'	90°00'00"	N; 559071.13 E:1362984.69	N: 559069.03 E: 1362986.58
C57	7.85	5.00'	90°00'00"	N; 559068.93 E:1362988.58	N: 559073.67 E: 1362993.82
C58	7.85	5.00'	90°00'00"	N; 559101.64 E:1362995.22	N: 559106.88 E: 1362990.48
C59	23.58	15.00'	90°04'43"	N; 559065.58 E:1363055.46	N: 559079.83 E: 1363071.19
C60	3.14	2.00'	90°00'00"	N; 558997.07 E:1363014.02	N: 558998.96 E: 1363016.11
C61	3.14	2.00'	90°00'00"	N; 559025.93 E:1363017.46	N: 559028.03 E: 1363015.57

CURVE TABLE					
CURVE #	ARC LENGTH	RADIUS	DELTA ANGLE	START NORTHING & EASTING	END NORTHING & EASTING
C37	3.14	2.00'	90°00'00"	N; 558995.85 E:1362928.35	N: 558993.95 E: 1362926.25
C38	21.25	15.00'	81°09'00"	N; 558995.03 E:1362904.78	N: 559008.45 E: 1362890.61
C39	3.45	2.00'	98°51'00"	N; 559008.45 E:1362890.61	N: 559010.65 E: 1362892.70
C40	3.72	2.00'	106°36'06"	N; 558997.22 E:1362989.62	N: 558999.88 E: 1362987.83
C42	3.14	2.00'	90°00'00"	N; 559045.81 E:1362930.35	N: 559047.91 E: 1362928.45
C44	3.14	2.00'	90°00'00"	N; 559049.61 E:1362894.50	N: 559047.71 E: 1362892.40
C46	3.14	2.00'	90°00'00"	N; 559039.72 E:1362892.00	N: 559037.63 E: 1362893.90
C51	3.14	2.00'	90°00'00"	N; 559075.18 E:1362903.79	N: 559073.08 E: 1362905.68
C53	3.14	2.00'	90°00'00"	N; 559072.38 E:1362919.67	N: 559074.28 E: 1362921.76
C55	3.14	2.00'	90°00'00"	N; 559106.98 E:1362988.48	N: 559105.08 E: 1362986.39
C56	3.14	2.00'	90°00'00"	N; 559071.13 E:1362984.69	N: 559069.03 E: 1362986.58
C57	7.85	5.00'	90°00'00"	N; 559068.93 E:1362988.58	N: 559073.67 E: 1362993.82
C58	7.85	5.00'	90°00'00"	N; 559101.64 E:1362995.22	N: 559106.88 E: 1362990.48
C59	23.58	15.00'	90°04'43"	N; 559065.58 E:1363055.46	N: 559079.83 E: 1363071.19
C60	3.14	2.00'	90°00'00"	N; 558997.07 E:1363014.02	N: 558998.96 E: 1363016.11
C61	3.14	2.00'	90°00'00"	N; 559025.93 E:1363017.46	N: 559028.03 E: 1363015.57
C62	23.56	15.00'	90°00'00"	N; 559028.53 E:1363015.59	N: 559042.76 E: 1363031.32
C63	23.54	15.00'	89°55'17"	N; 559041.60 E:1363054.33	N: 559025.89 E: 1363068.56
C64	3.14	2.00'	90°00'00"	N; 559035.93 E:1362927.85	N: 559037.82 E: 1362929.95
C66	11.53	9.00'	73°23'54"	N; 558991.23 E:1362980.68	N: 558997.22 E: 1362989.62
C71	23.56	15.00'	90°00'00"	N; 559082.46 E:1363018.29	N: 559066.73 E: 1363032.52
C73	3.89	15.00'	14°51'21"	N; 559168.72 E:1362715.38	N: 559169.03 E: 1362719.25
C74	6.20	8.00'	44°26'09"	N; 558985.39 E:1362871.63	N: 558987.95 E: 1362866.15
C75	6.36	8.00'	45°33'51"	N; 558972.52 E:1362880.24	N: 558978.34 E: 1362878.13
C85	18.99	62.67'	17°21'55"	N; 558862.09 E:1362980.07	N: 558864.01 E: 1362998.90
C86	5.00	56.87'	5°02'17"	N; 558864.01 E:1362998.90	N: 558865.55 E: 1363003.66
C87	21.18	57.27'	21°11'31"	N; 558865.72 E:1363004.12	N: 558876.76 E: 1363022.07
C89	16.60	56.87'	16°43'32"	N; 558885.74 E:1363031.96	N: 558898.53 E: 1363042.46
C90	5.00	58.16'	4°55'38"	N; 558898.96 E:1363042.71	N: 558903.37 E: 1363045.06
C91	23.16	56.87'	23°20'20"	N; 558903.37 E:1363045.06	N: 558925.71 E: 1363050.55

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REFERENCE DRAWINGS

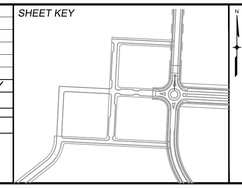
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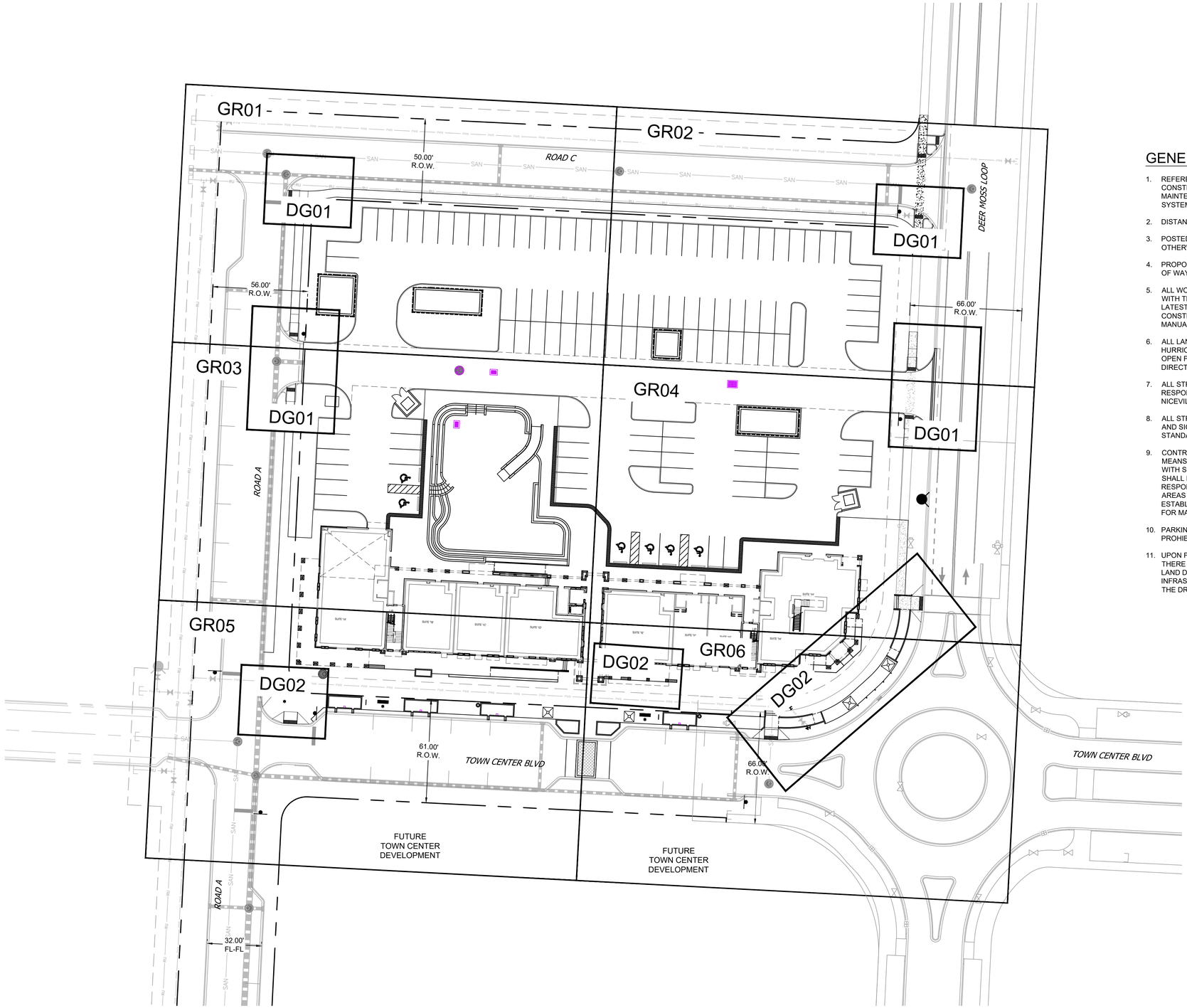
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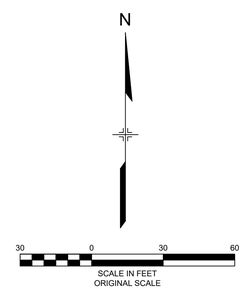
CONSTRUCTION DOCUMENTS

HORIZONTAL CONTROL

DESIGNED BY:	JK	SCALE		DATE ISSUED: MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.		SHEET 17 OF 57	HC07
CHECKED BY:	MJ	VERT.			

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GENERAL SITE NOTES:

1. REFERENCE THE LATEST F.D.O.T. STANDARD PLANS FOR CONSTRUCTION FOR ROAD AND BRIDGE DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM.
2. DISTANCES SHOWN ALONG CURVES ARE ARC LENGTHS
3. POSTED SPEED LIMIT FOR THE ENTIRE PROJECT IS 25 MPH UNLESS OTHERWISE NOTED..
4. PROPOSED ROADWAYS ARE A CITY OF NICEVILLE MAINTAINED RIGHT OF WAY.
5. ALL WORK IN THE RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE LATEST ROADWAY & TRAFFIC DESIGN STANDARDS, THE LATEST STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, THE PLANS PREPARATION MANUAL (PPM), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
6. ALL LANES MUST BE OPEN FOR TRAFFIC DURING A NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE LOCAL MAINTENANCE ENGINEER OR HIS DESIGNEE.
7. ALL STREET STRIPING WITHIN THE DEVELOPMENT WILL BE THE RESPONSIBILITY OF THE DEVELOPER AND WILL MEET CITY OF NICEVILLE REQUIREMENTS.
8. ALL STREET STRIPING WITHIN RIGHT OF WAY WILL BE THERMOPLASTIC AND SIGNAGE WILL MEET THE MOST RECENT SIZE AND REFLECTIVITY STANDARDS AND WILL BE RESPONSIBILITY OF DEVELOPER.
9. CONTRACTOR SHALL PROVIDE SOLID BAHAI SODDING AND ANY OTHER MEANS NECESSARY TO STABILIZE CLEARED AND GRUBBED AREAS WITH SIDE SLOPES OF 4:1 OR STEEPER. ALL OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND IRRIGATION OF ALL GRASSED AREAS FOR STABILIZATION UNTIL SUCH TIME AS PERMANENTLY ESTABLISHED AND APPROVED AND ACCEPTED BY CITY OF NICEVILLE FOR MAINTENANCE.
10. PARKING IN ROAD RIGHT-OF-WAY AND INGRESS/EGRESS EASEMENT IS PROHIBITED UNLESS IT IS IN DESIGNATED PARKING SPACES.
11. UPON FINAL ACCEPTANCE OF THIS DEVELOPMENT BY THE CITY, THERE WILL BE A (2) YEAR WARRANTY PERIOD AS DEFINED IN THE LAND DEVELOPMENT CODE. ANY NECESSARY REPAIRS TO THE INFRASTRUCTURE INCLUDING ROADWAYS, SIDEWALKS, CURBING AND THE DRAINAGE SYSTEM WILL BE THE RESPONSIBILITY OF THE DEVELOPER.
12. TO PROTECT THE EXISTING WATER, GAS AND FORCE MAINS, A VIBRATORY ROLLER CANNOT BE USED IN THE AREA OF THE MAINS IF THERE IS LESS THAN 36" OF COVER OVER THE MAIN.
13. ALL STREET SIGNAGE INSTALLATIONS MUST MEET THE LATEST MUTCD GUIDELINES USING STANDARD GRADE SIGN MATERIALS: ALUMINUM FACING, U-CHANNEL POST AND INDUSTRY STANDARD GRADE HARDWARE. THE CITY IS NOT RESPONSIBLE FOR COST ASSOCIATED WITH THE UPKEEP OR REPLACEMENT OF DECORATIVE OR CUSTOM BUILT SIGNS AND HARDWARE.
14. ANY TREE PLANTED ON CITY RIGHT OF WAY MUST MEET THE LANDSCAPE DEVELOPMENT STANDARDS 12.04.03. TREE SPECIES WHOSE ROOTS ARE KNOWN TO CAUSE DAMAGE TO ROADWAYS OR OTHER PUBLIC WORKS SHOULD BE AVOIDED. NO TREE WILL BE ALLOWED TO GROW WITHIN THE CITY RIGHT OF WAY THAT WILL RESTRICT THE LINE OF SIGHT OR VISION OF VEHICLES AND PEDESTRIANS. LARGE VARIETY TREES SHOULD NOT BE PLANTED CLOSER THAN 10 FEET TO UNDERGROUND WATER AND SEWER SERVICE LINES, METER AND CLEAN OUTS.
15. DEVELOPER WILL PROVIDE A STREET LIGHTING PLAN WHEN IT BECOMES AVAILABLE OR A LETTER STATING THAT ADEQUATE STREET LIGHTING WILL BE PROVIDED AT NO COST TO THE CITY. ANY UPGRADE OF THE STREET LIGHTING FIXTURES OR POLES WILL NOT BE ACCEPTED AND APPROVED BY THE CITY UNLESS A SIGNED AGREEMENT OR CONTRACT WITH GULF POWER THAT INCLUDES THE MONTHLY COST IS PROVIDED TO THE CITY. ALL STREET LIGHTING FIXTURES WILL BE CUT OR SHIELDED TO PREVENT UPWARD GLARE. THE FINAL LIGHTING PLAN MUST BE REVIEWED AND APPROVED BY THE CITY PRIOR TO INSTALLATION. DEVELOPER SHOULD VERIFY THAT ADEQUATE POWER AND CONDUITS ARE PROVIDED FOR STREET LIGHTING ALONG ALL ROADWAY SEGMENTS INCLUDING ANY POWER NECESSARY FOR ENTRANCE SIGNAGE.
16. THIS PARCEL LIES IN FLOOD ZONE X (NO MINIMUM), AS DETERMINED BY SCALE FROM FEMA PANEL #12091C0400 J, DATED 03/09/2021, AND FURNISHED BY OKALOOSA COUNTY GEOGRAPHIC INFORMATION SERVICE.

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Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

Matrix
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Niceville, FL 32578
Phone: 850-279-4298
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PROJECT No. 22.765.009

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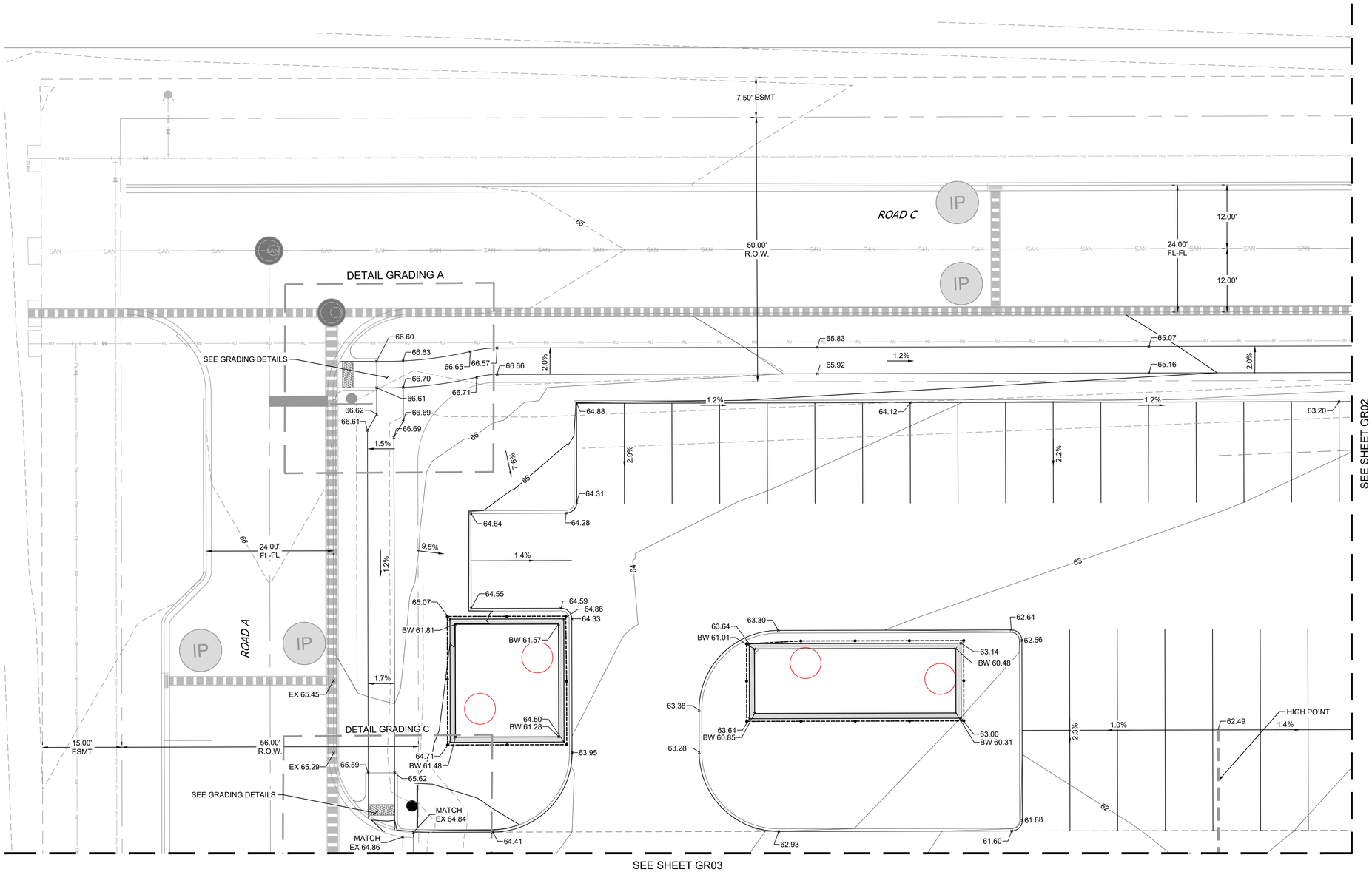
CONSTRUCTION DOCUMENTS

OVERALL GRADING PLAN

DESIGNED BY:	JK	SCALE	DATE ISSUED: MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.		
CHECKED BY:	MJ	VERT.	SHEET 18 OF 57	OV03

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N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

LEGEND

EX	EXISTING
FF	FINISH FLOOR
FG	FINISHED GRADE
TC	TOP OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
ALL ELEVATION LABELS WITHOUT A DESCRIPTION REFER TO FINISHED GRADE ELEVATIONS

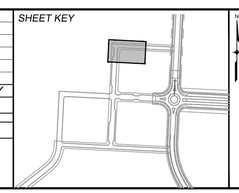
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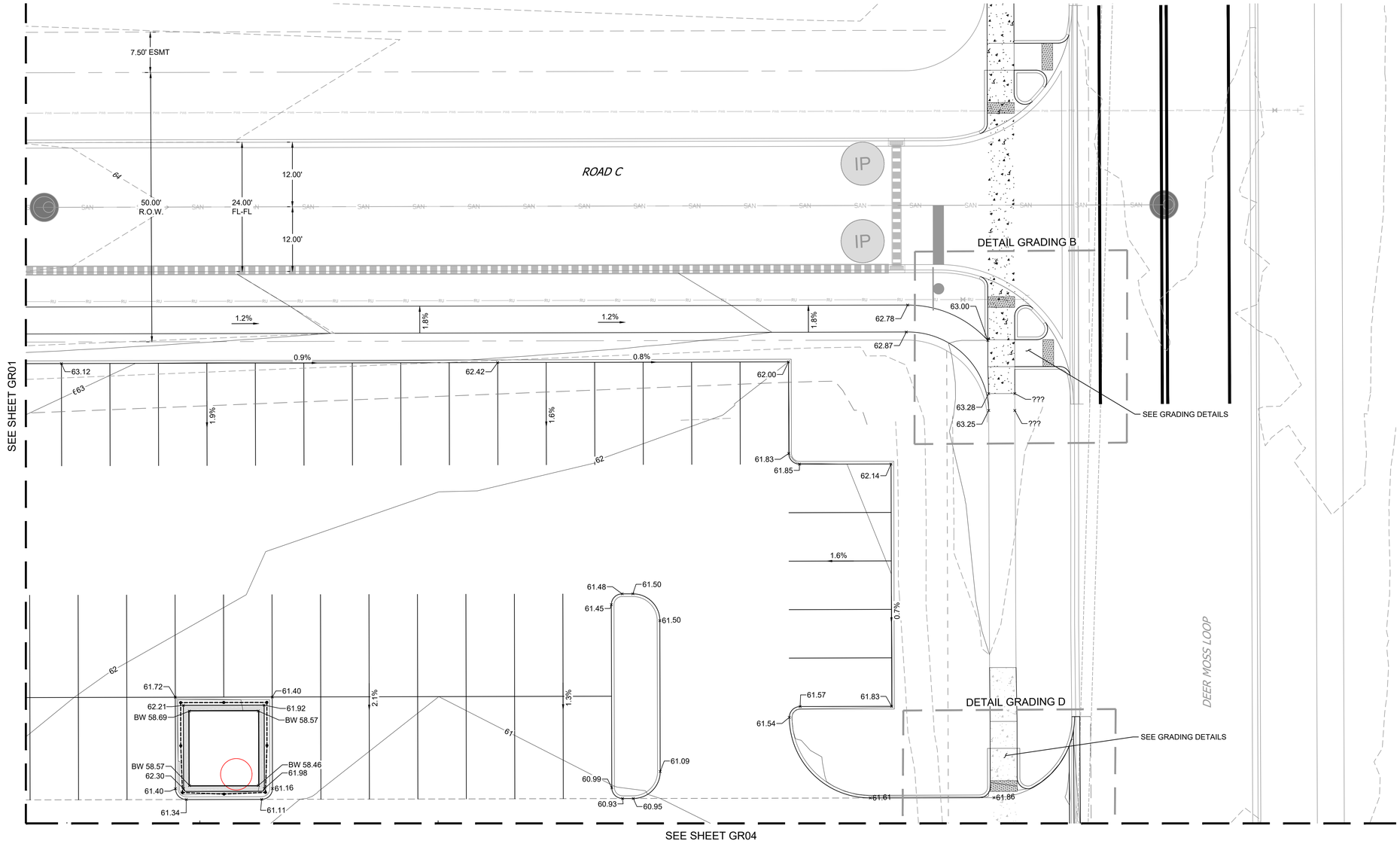
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GRADING PLAN 01

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
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CHECKED BY:	MJ	VERT.	SHEET	19 OF 57	GR01

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N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

LEGEND

EX	EXISTING
FF	FINISH FLOOR
FG	FINISHED GRADE
TC	TOP OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
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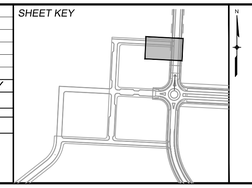
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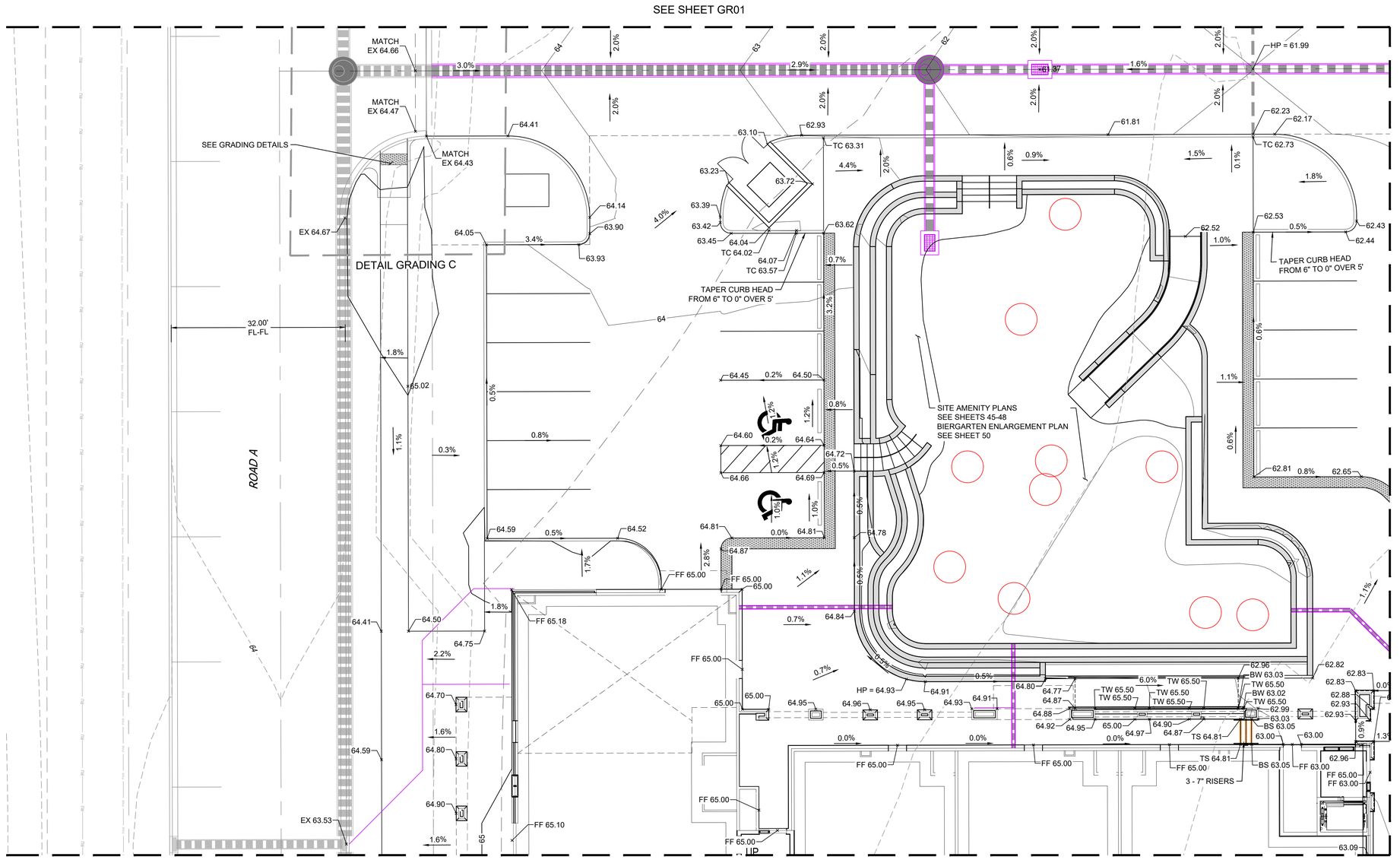
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GRADING PLAN 02

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N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

LEGEND

EX	EXISTING
FF	FINISH FLOOR
FG	FINISHED GRADE
TC	TOP OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
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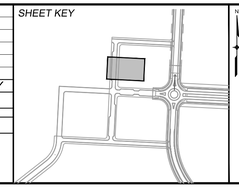
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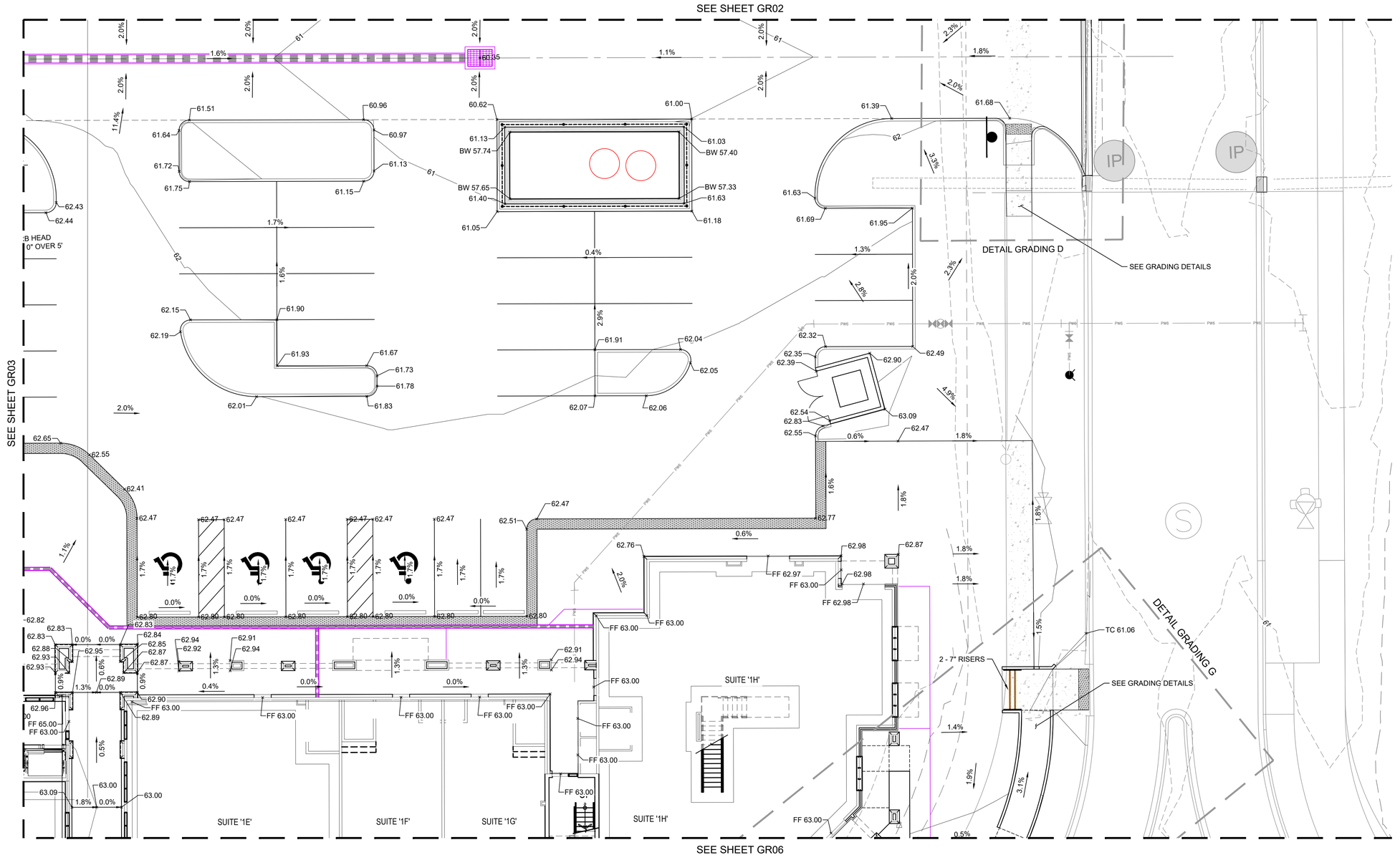
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CONSTRUCTION DOCUMENTS

GRADING PLAN 03

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	21 OF 57	GR03
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N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

LEGEND

EX	EXISTING
FF	FINISH FLOOR
FG	FINISHED GRADE
TC	TOP OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

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RPi Ruckel Properties, Inc. REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

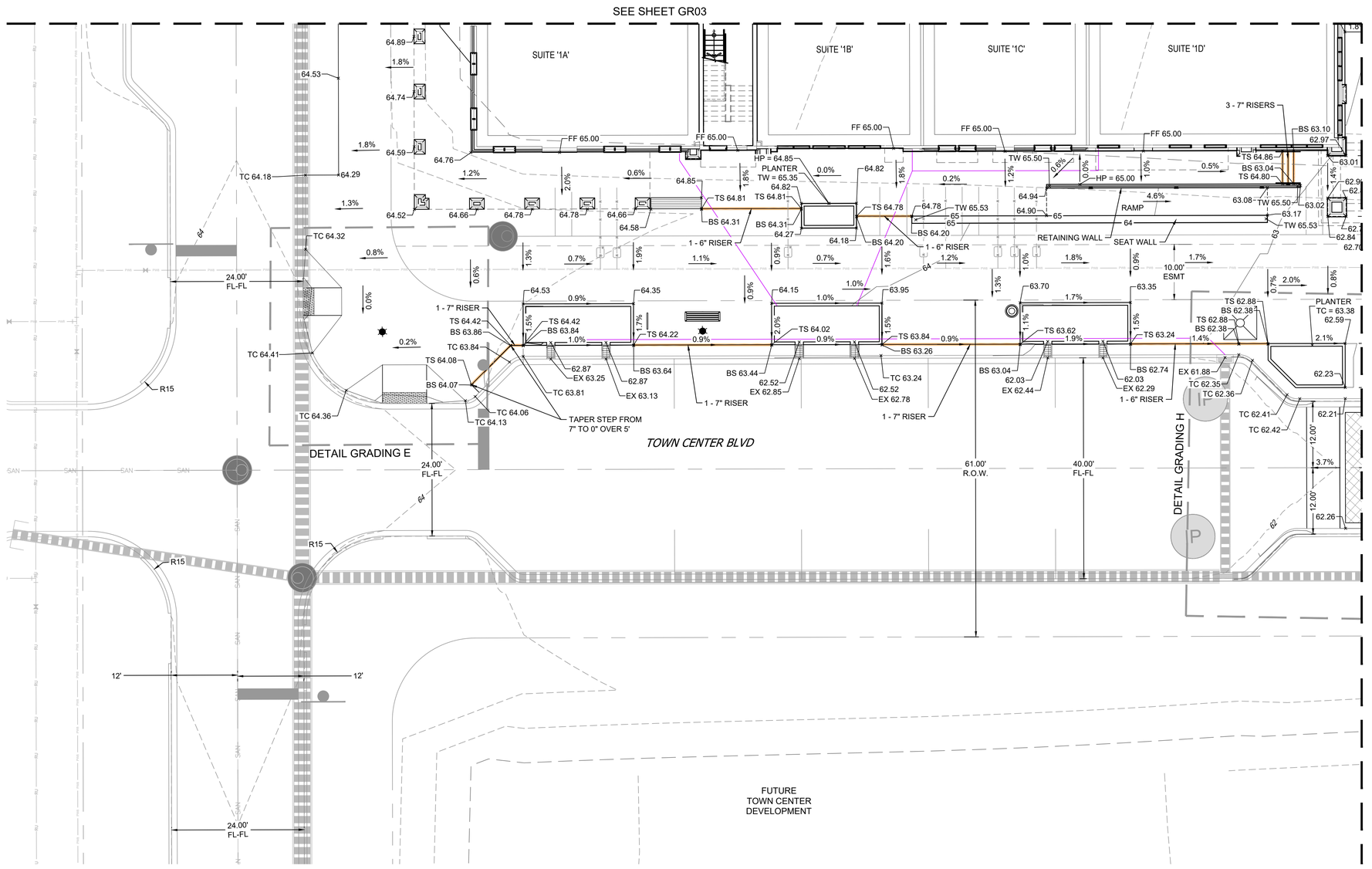
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GRADING PLAN 04

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.			
CHECKED BY:	MJ	VERT.	SHEET	22 OF 57	GR04

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N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

LEGEND

EX	EXISTING
FF	FINISH FLOOR
FG	FINISHED GRADE
TC	TOP OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
ALL ELEVATION LABELS WITHOUT A DESCRIPTION REFER TO FINISHED GRADE ELEVATIONS

REFERENCE DRAWINGS

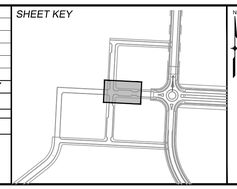
No.	DATE	DESCRIPTION	BY

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Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

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Excellence by Design

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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

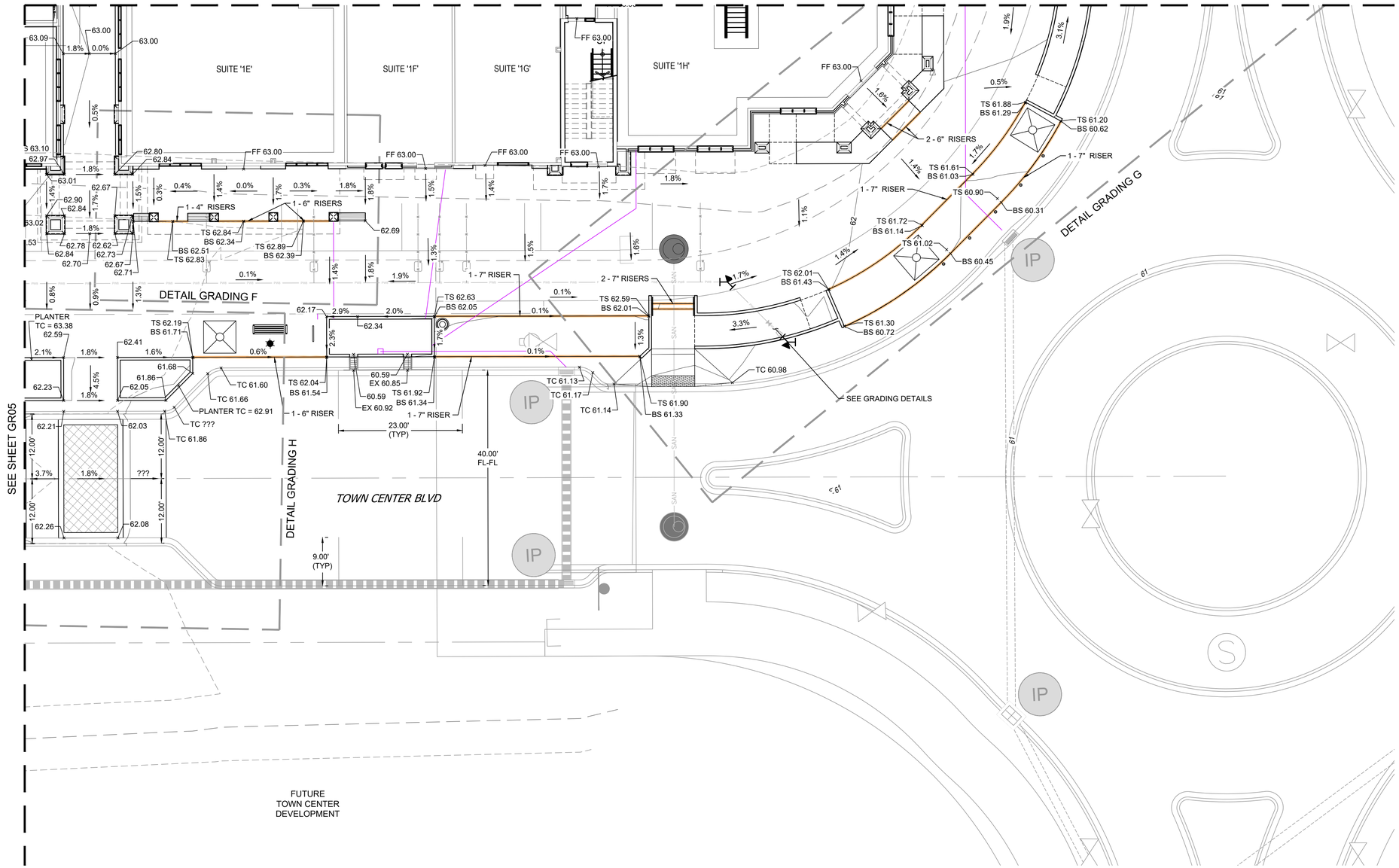
CONSTRUCTION DOCUMENTS

GRADING PLAN 05

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	23 OF 57	GR05
CHECKED BY:	MJ	VERT.			

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N

SCALE IN FEET
ORIGINAL SCALE
10 0 10 20

LEGEND

EX	EXISTING
FF	FINISH FLOOR
FG	FINISHED GRADE
TC	TOP OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
ALL ELEVATION LABELS WITHOUT A DESCRIPTION REFER TO FINISHED GRADE ELEVATIONS

REFERENCE DRAWINGS

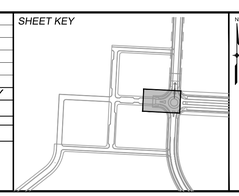
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PROJECT No. 22.765.009

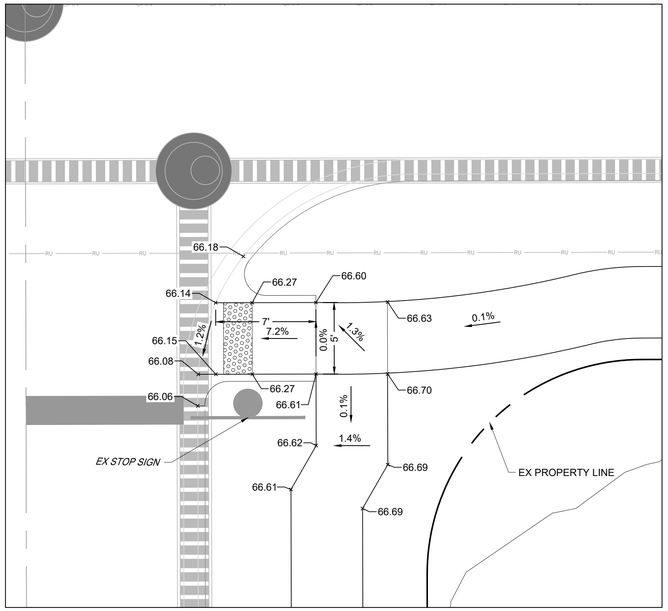
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

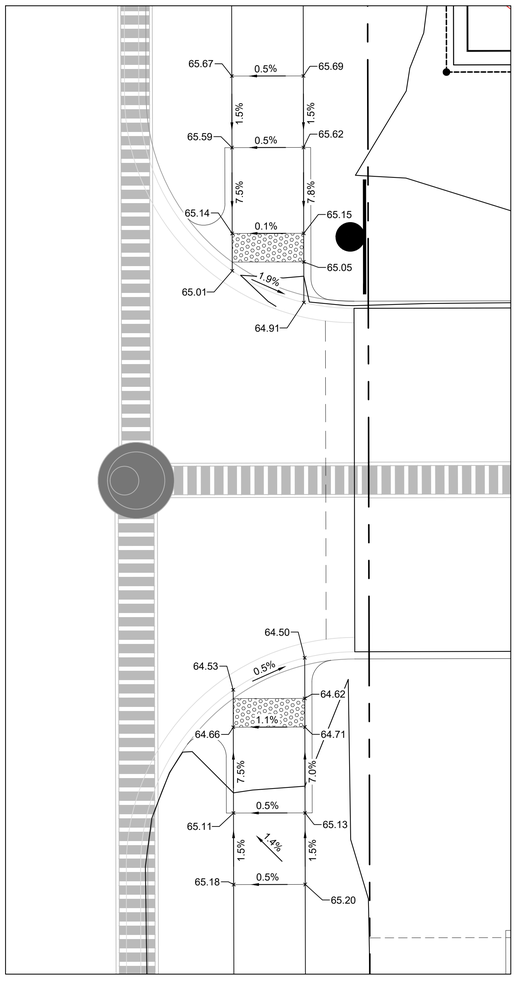
GRADING PLAN 06

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026
DRAWN BY:	EG	HORIZ.	SHEET	24 OF 57
CHECKED BY:	MJ	VERT.		DRAWING No. GR06

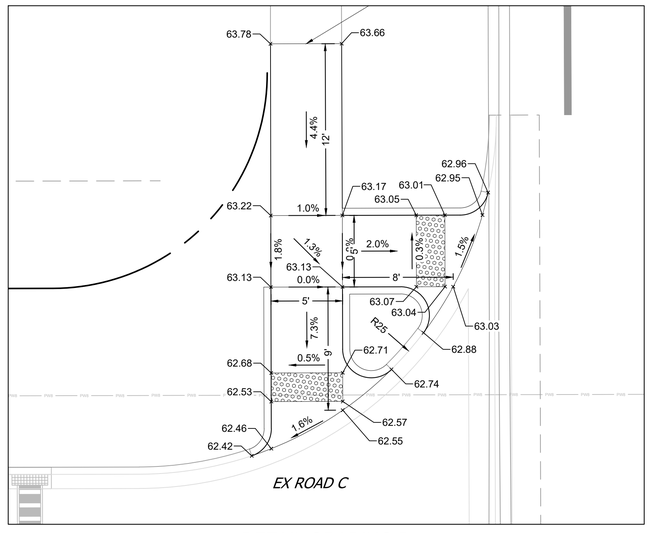
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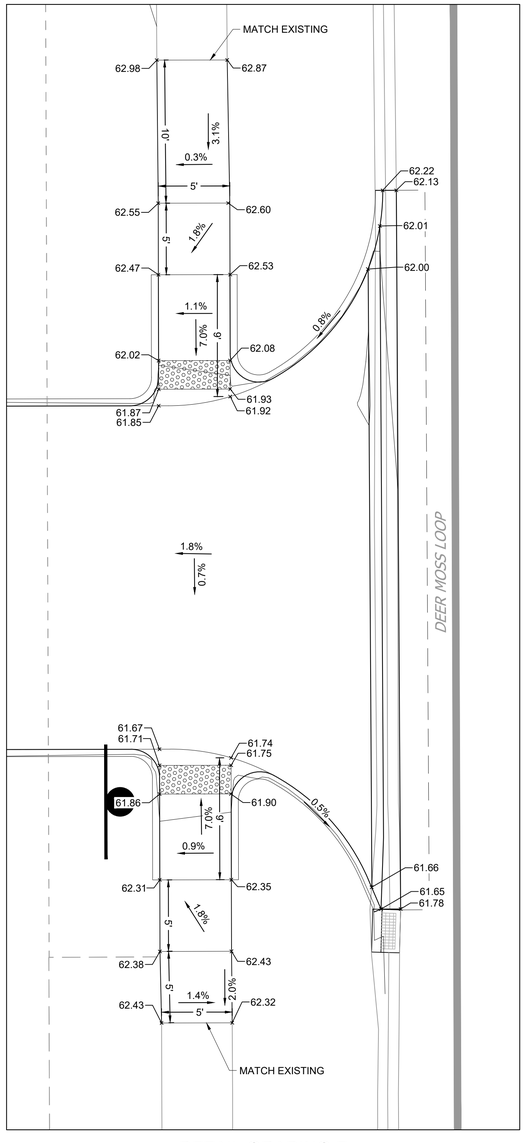
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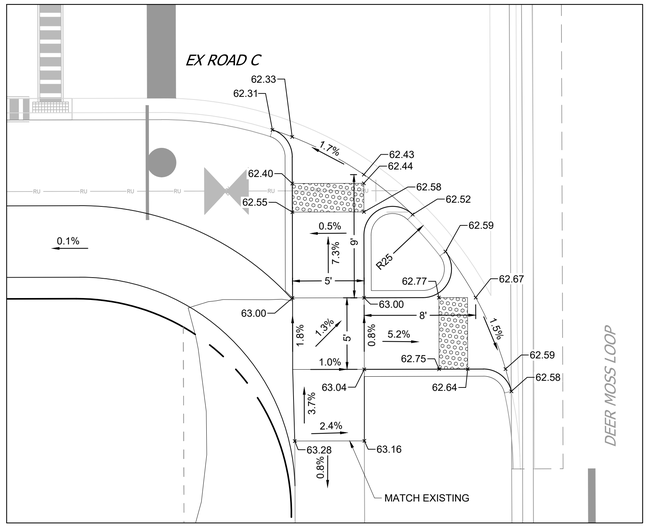
DETAIL GRADING C



DETAIL GRADING D



DETAIL GRADING E



DETAIL GRADING B

LEGEND

EX	EXISTING
FF	FINISH FLOOR
TC	TOP OF CURB
TS	TOP OF STEP
TCP	TOP OF CONCRETE PLATFORM
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
ALL ELEVATION LABELS WITHOUT A DESCRIPTION
REFER TO FINISHED GRADE ELEVATIONS

N

5 0 5 10
SCALE IN FEET
ORIGINAL SCALE

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REFERENCE DRAWINGS

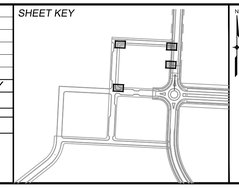
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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

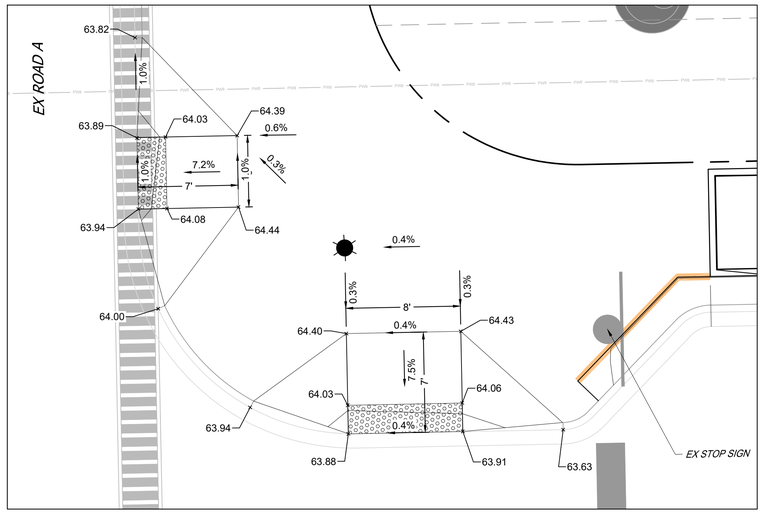
CONSTRUCTION DOCUMENTS

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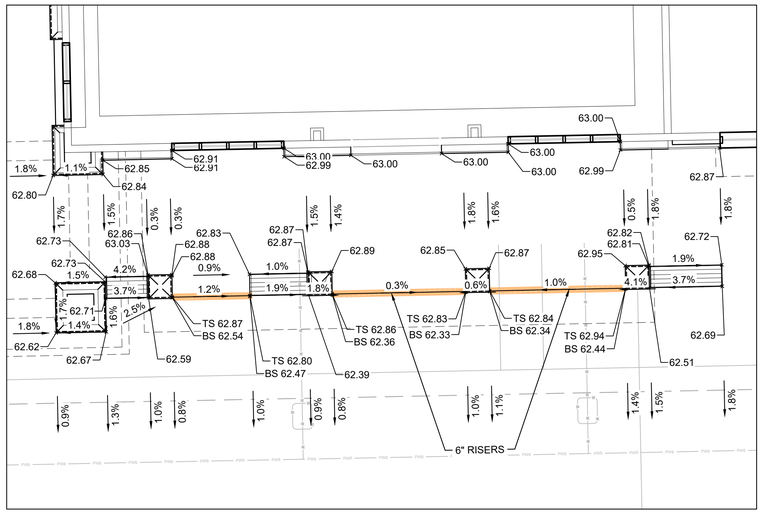
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DRAWN BY:	EG	HORIZ.	SHEET	25 OF 57	DG01
CHECKED BY:	MJ	VERT.			

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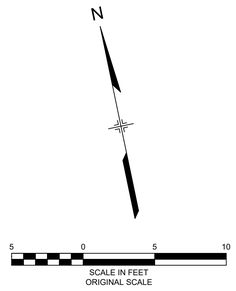
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DETAIL GRADING E



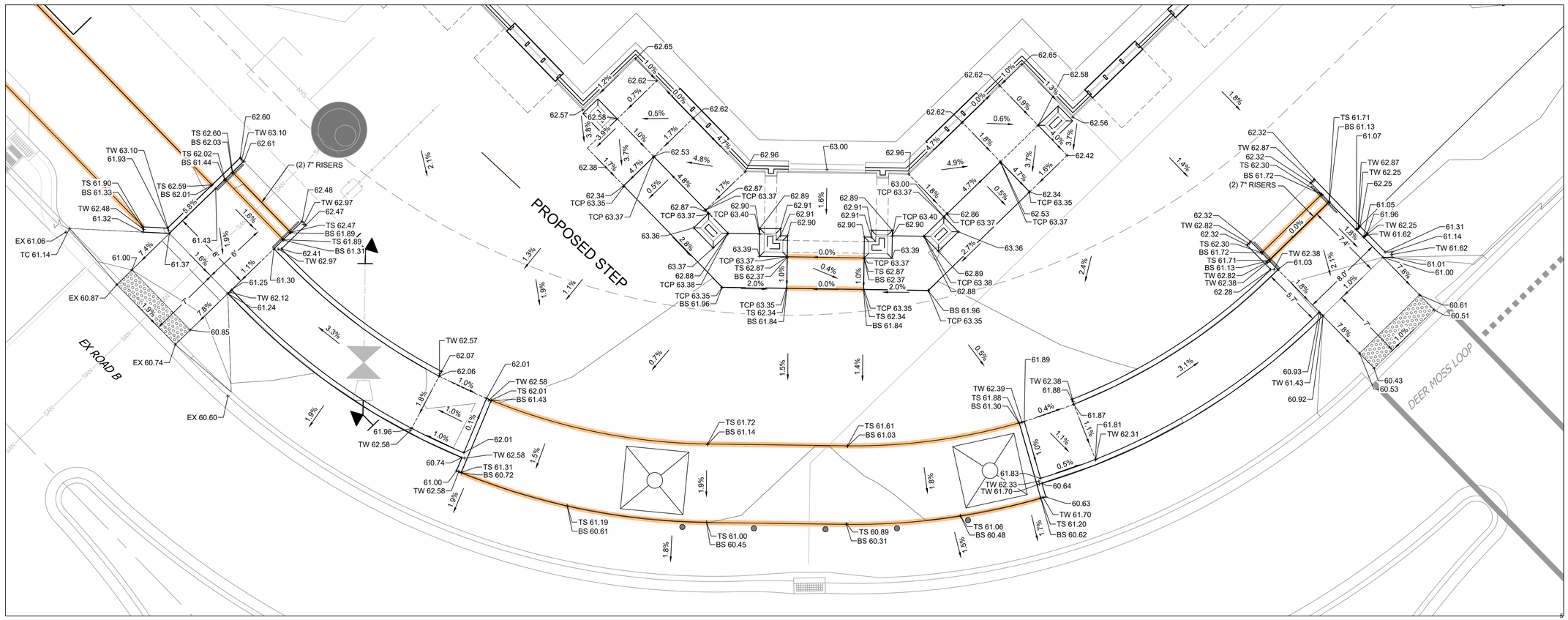
DETAIL GRADING F



LEGEND

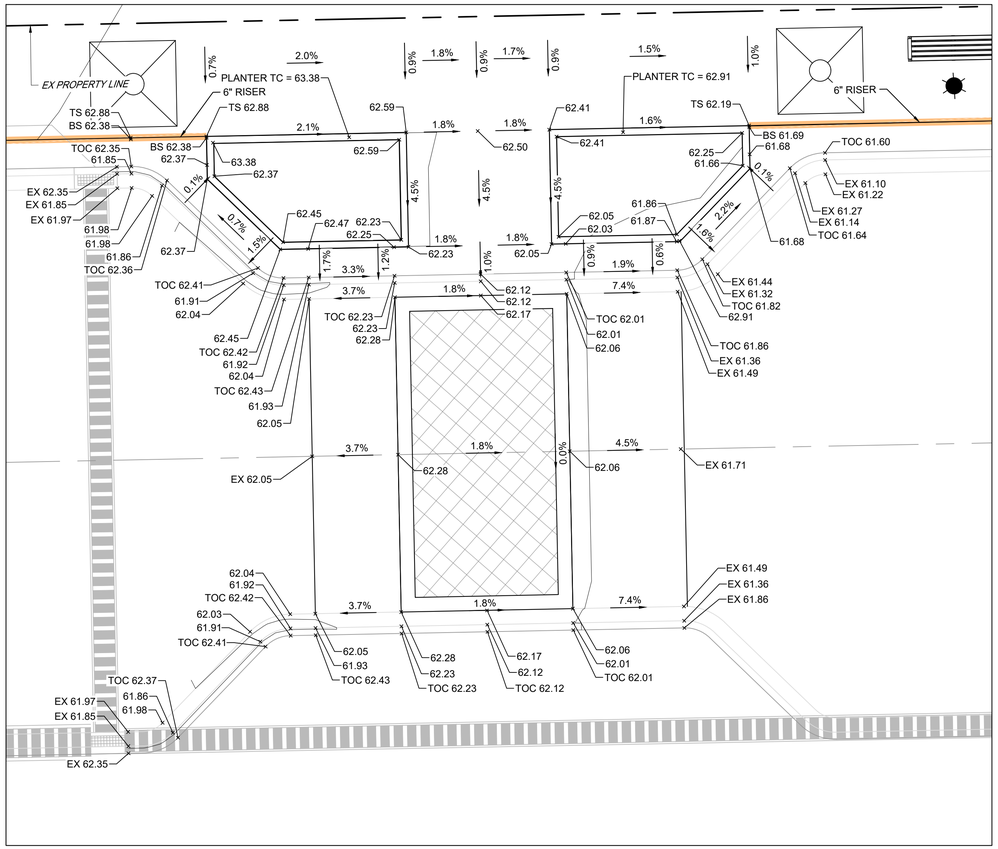
EX	EXISTING
FF	FINISH FLOOR
TC	TOP OF CURB
TS	TOP OF STEP
TCP	TOP OF CONCRETE PLATFORM
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

NOTE:
ALL ELEVATION LABELS WITHOUT A DESCRIPTION REFER TO FINISHED GRADE ELEVATIONS


PROPOSED STEP
EX ROAD B
DEER MOSS LOOP
62.65
62.62
62.57
62.58
62.53
62.96
62.38
62.34
TCP 63.37
62.87
TCP 63.37
62.89
62.90
62.91
TCP 63.40
63.36
63.39
63.37
62.88
TCP 63.38
TCP 63.35
BS 61.96
TS 62.34
BS 61.84
62.56
62.42
62.86
62.53
62.32
62.82
62.30
62.28
TS 61.71
BS 61.13
61.07
TW 62.87
62.25
61.05
61.96
TW 62.25
61.31
TW 61.62
61.14
61.01
61.00
60.61
60.51
60.43
60.53
60.93
TW 61.43
60.92
TW 62.38
61.03
TW 62.39
TS 61.88
BS 61.30
61.89
61.88
61.87
61.81
TW 62.31
61.83
TW 62.33
TW 61.70
60.64
60.63
TW 61.70
TS 61.20
BS 60.62
TS 61.72
BS 61.14
TS 61.61
BS 61.03
TS 61.19
BS 60.61
TS 61.00
BS 60.45
TS 60.89
BS 60.31
TS 61.06
BS 60.48
TW 62.57
62.07
62.06
62.01
TW 62.58
TS 62.01
BS 61.43
61.96
TW 62.58
62.01
TW 62.58
60.74
TS 61.31
BS 60.72
61.00
TW 62.58
EX 60.74
EX 60.60
60.85
TW 62.12
61.24
61.25
61.30
EX 60.87
61.00
61.37
61.43
TS 62.59
BS 62.01
TW 62.48
61.32
TS 61.90
BS 61.33
TW 63.10
61.93
TS 62.60
BS 62.03
62.60
TW 63.10
62.61
TS 62.02
BS 61.44
(2) 7" RISERS
62.48
TW 62.97
62.47
TS 62.47
BS 61.89
TS 61.89
BS 61.31
62.41
TW 62.97
EX 61.06
TC 61.14
2.1%
1.4%
2.4%
3.1%
5.8%
7.4%
7.8%
1.6%
1.9%
1.1%
3.3%
0.7%
1.5%
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7.4%
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4.9%
5.0%
5.1%

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DETAIL GRADING H

N

LEGEND

EX	EXISTING
FF	FINISH FLOOR
TC	TOP OF CURB
TS	TOP OF STEP
TCP	TOP OF CONCRETE PLATFORM
BS	BOTTOM OF STEP
TW	FINISHED GRADE AT TOP OF WALL
BW	FINISHED GRADE AT BOTTOM OF WALL
	PROPOSED STEP
	KEYSTONE BLOCK WALL (SEE SHEET BG01)

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5 0 5 10
SCALE IN FEET
ORIGINAL SCALE

REFERENCE DRAWINGS

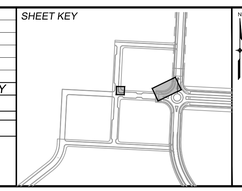
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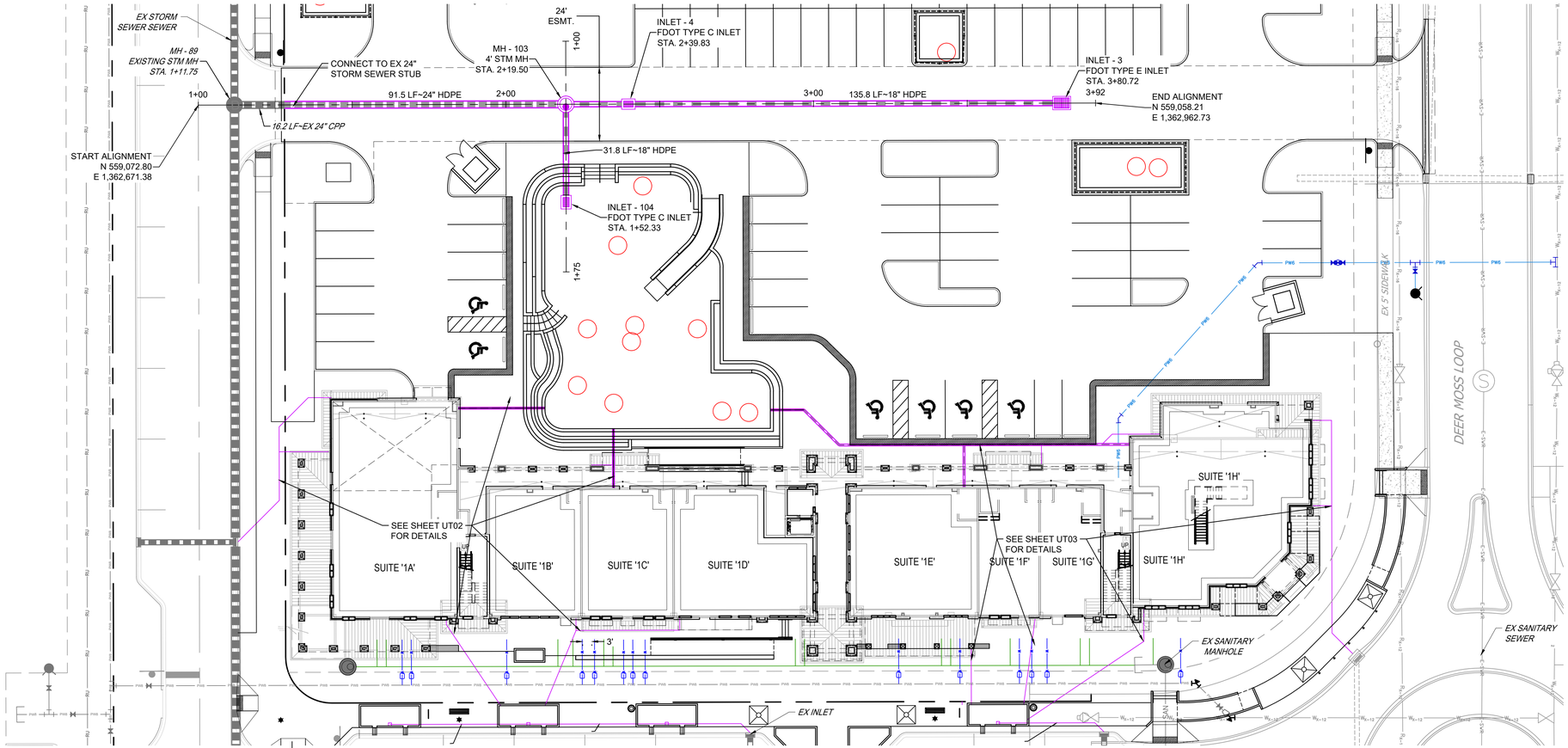
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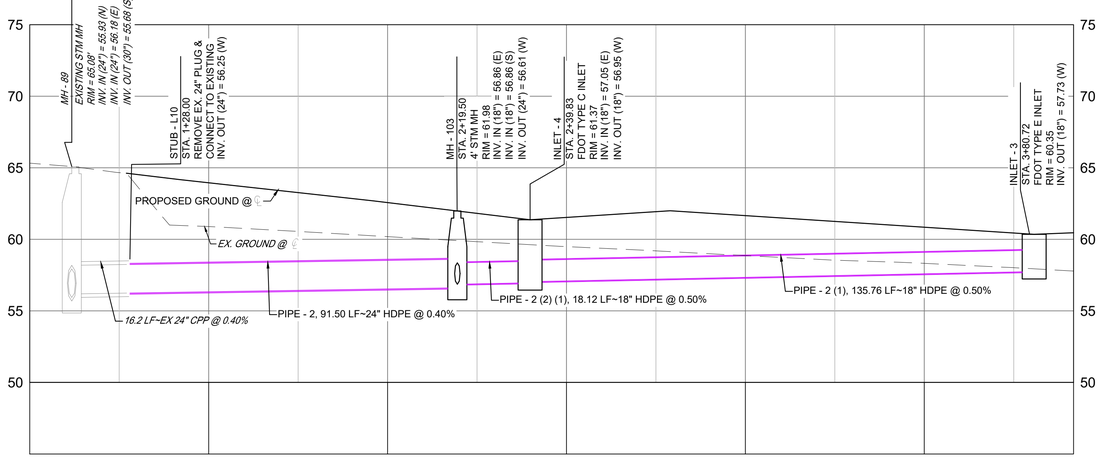
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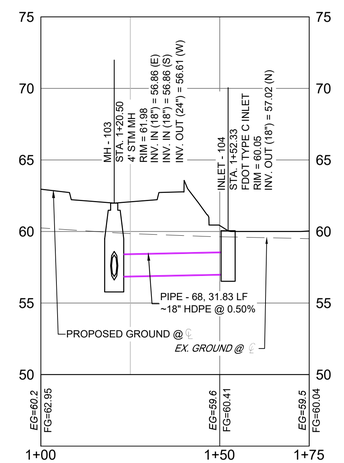
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DRAWN BY:	EG	HORIZ.			DG03
CHECKED BY:	MJ	VERT.	SHEET	27 OF 57	

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Alignment - PARKING LOT STORM MAIN PROFILE
SCALE: (H) 1" = 10' (V) 1" = 2'
START STA: 1+00.00, END STA: 3+91.72



Alignment - BEER GARDEN STORM LATERAL PROFILE
SCALE: (H) 1" = 10' (V) 1" = 2'
START STA: 1+00.00, END STA: 1+75.00

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N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

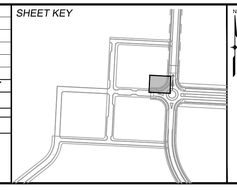
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Niceville, FL 32578
Phone: 850-678-2223

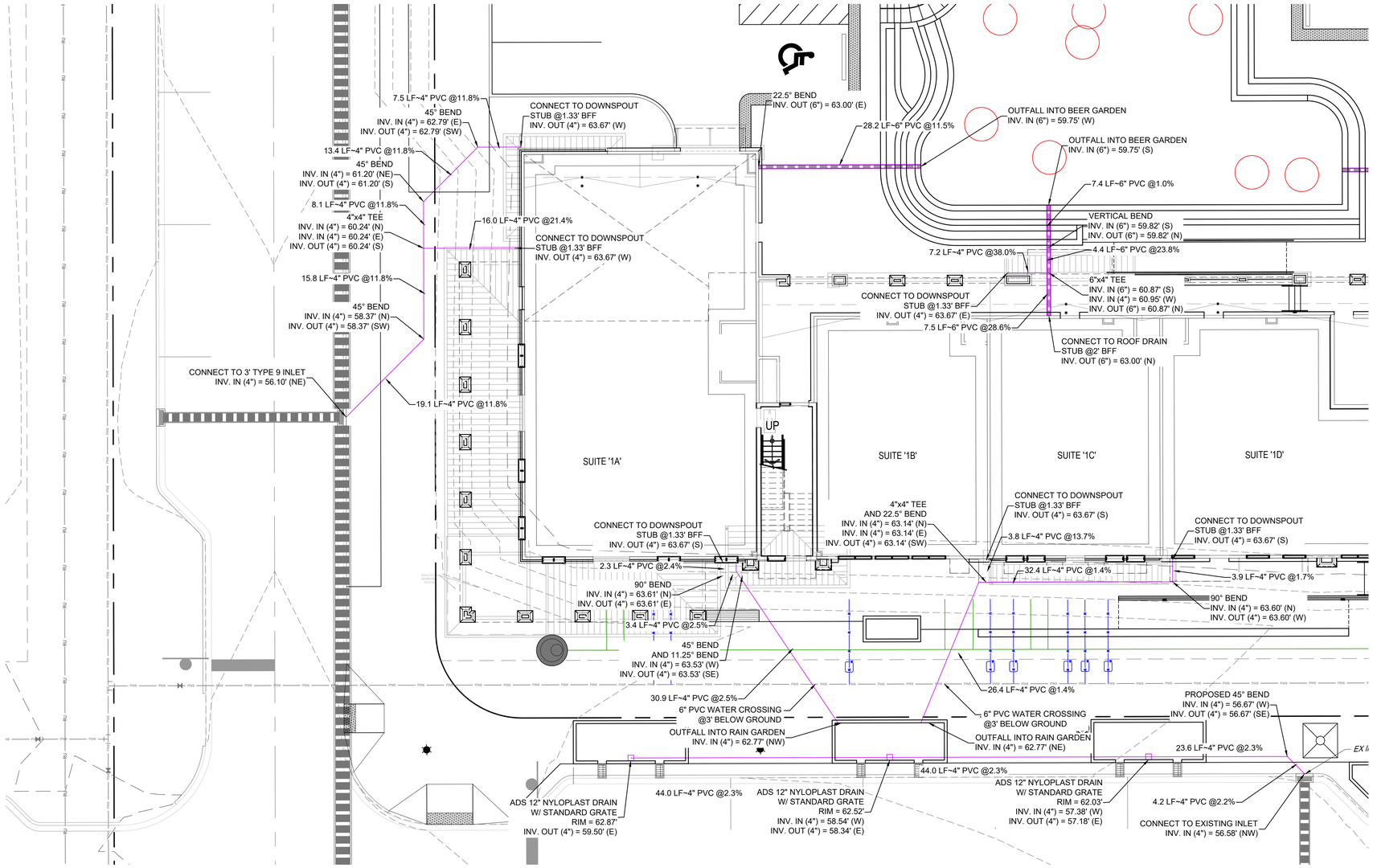
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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK
CONSTRUCTION DOCUMENTS
STORM SEWER PLAN & PROFILE 01

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	28 OF 57	UT01
CHECKED BY:	MJ	VERT.			

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PREPARED FOR:
RPi Ruckel Properties, Inc. REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

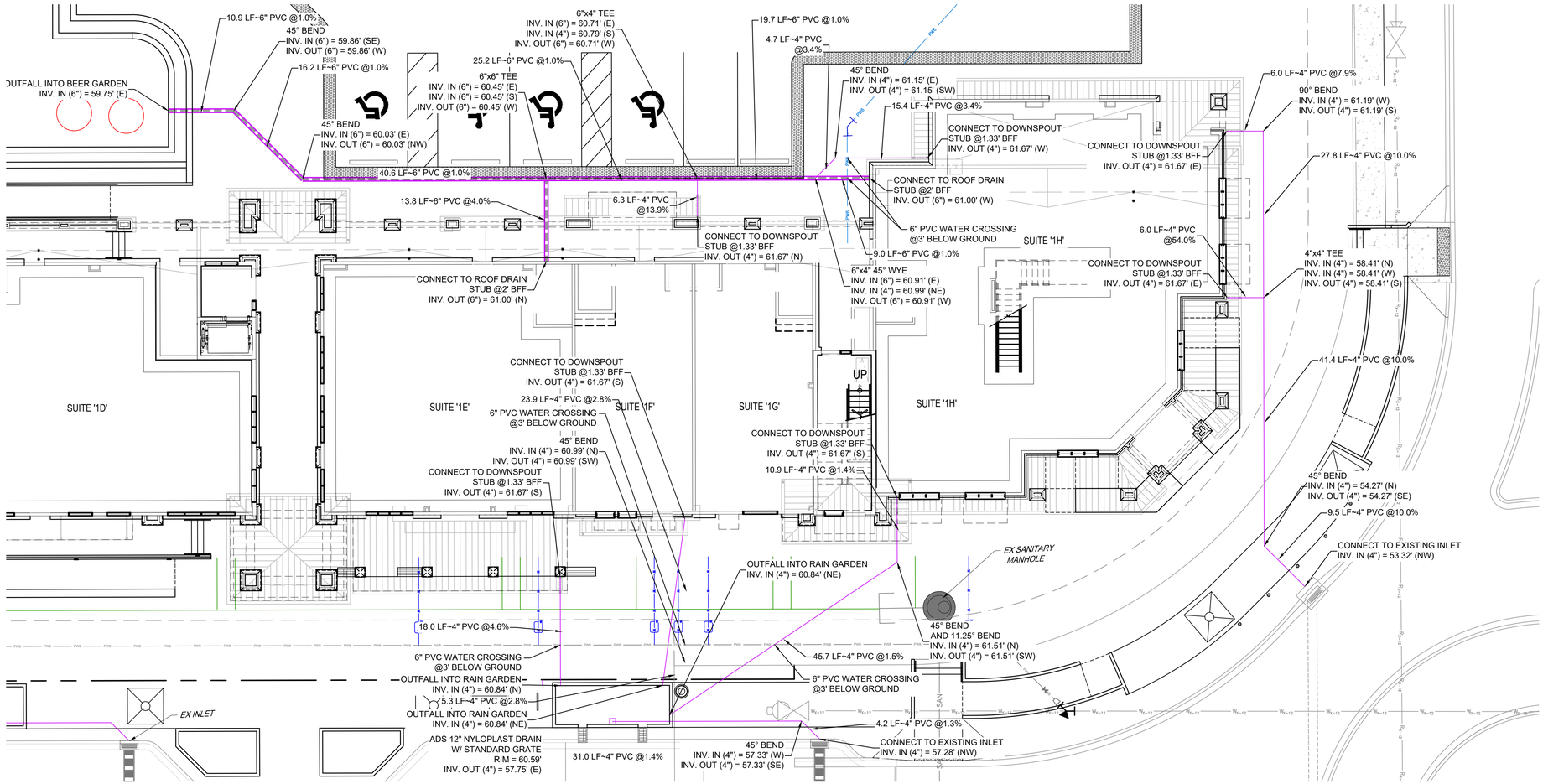
PREPARED BY:
Matrix Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

SEAL
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK
CONSTRUCTION DOCUMENTS
STORM SEWER PLAN 02

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	29 OF 57	UT02
CHECKED BY:	MJ	VERT.			

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ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

REFERENCE DRAWINGS

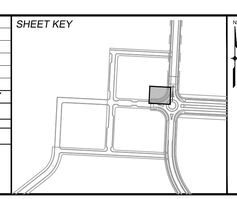
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REVISIONS

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FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\UT01.dwg
CTB FILE: Matrix.ctb
PLOT DATE: March 17, 2026 4:19:57 PM
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RPi
Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT

1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

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Excellence by Design

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Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

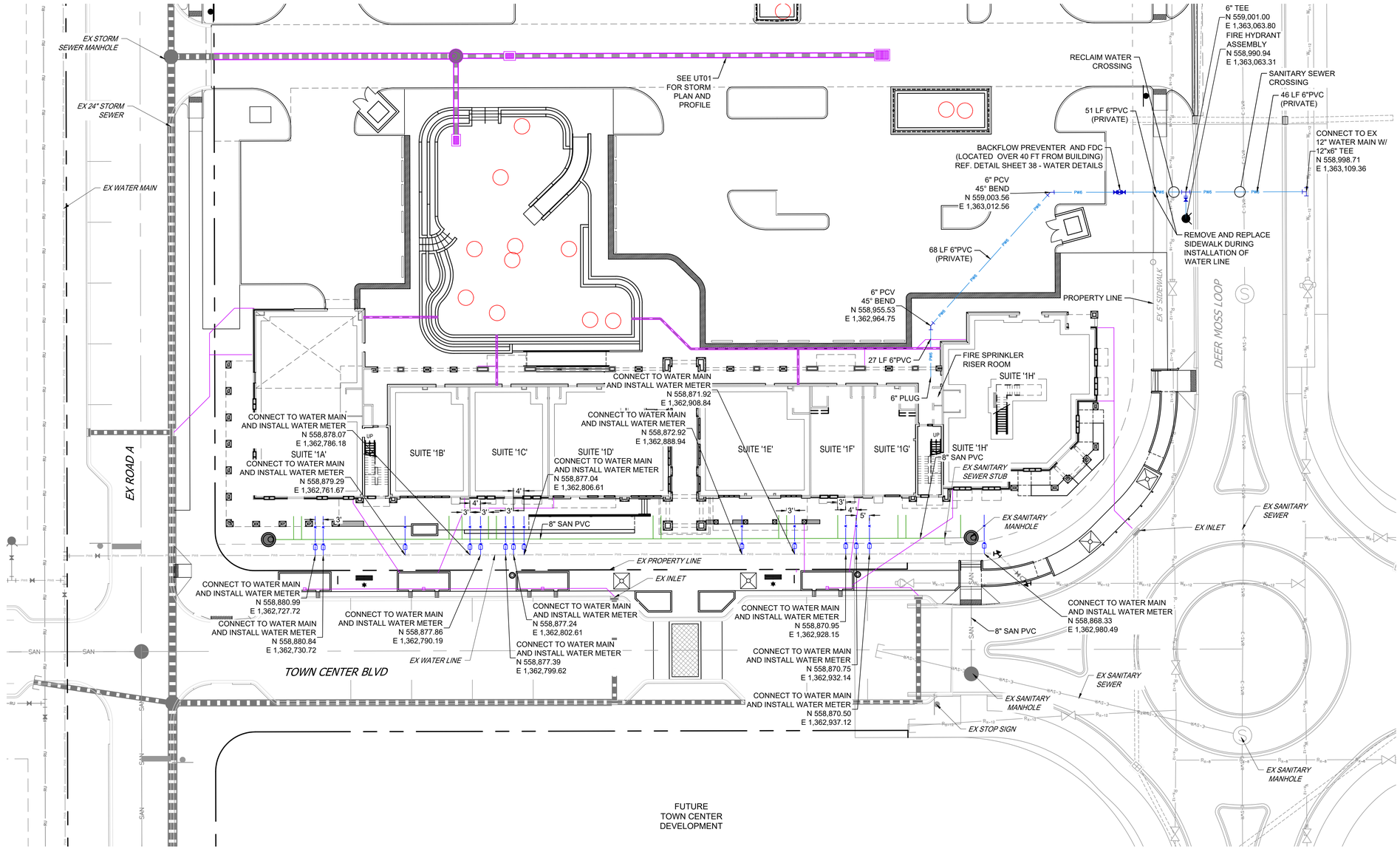
STORM SEWER PLAN 03

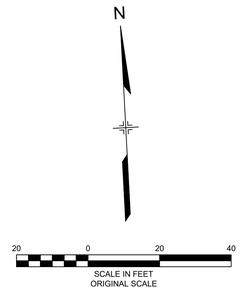
DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.			UT03
CHECKED BY:	MJ	VERT.	SHEET	30 OF 57	

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NOTE:
METER BOXES SHALL BE MB17 BOX ONLY BLK 11X18 PLASTIC SOUTHEASTERN #1700 AND THE LIDS ARE MB17 LID W/SENSUS TR HOLE 11X18 BLK SOUTHEASTERN # 1703

THE MODELS #'S OF THE BOX ARE 45MB17MBO METER BOX AND THE LIDS ARE 45MB17LIDRDR. THEY ARE BOTH SOLD FROM SOUTHEASTERN DISTRIBUTERS IN SWEETWATER TN.





ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NICEVILLE STANDARD SPECIFICATIONS FOR DEVELOPERS DATED 01/01/17 AND THE LATEST "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"

REFERENCE DRAWINGS

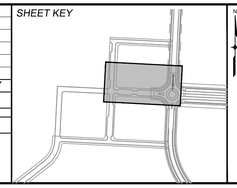
No.	DATE	DESCRIPTION	BY

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FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\UT02.dwg
CTB FILE: Matrix.ctb
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Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT

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Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

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PROJECT No. 22.765.009

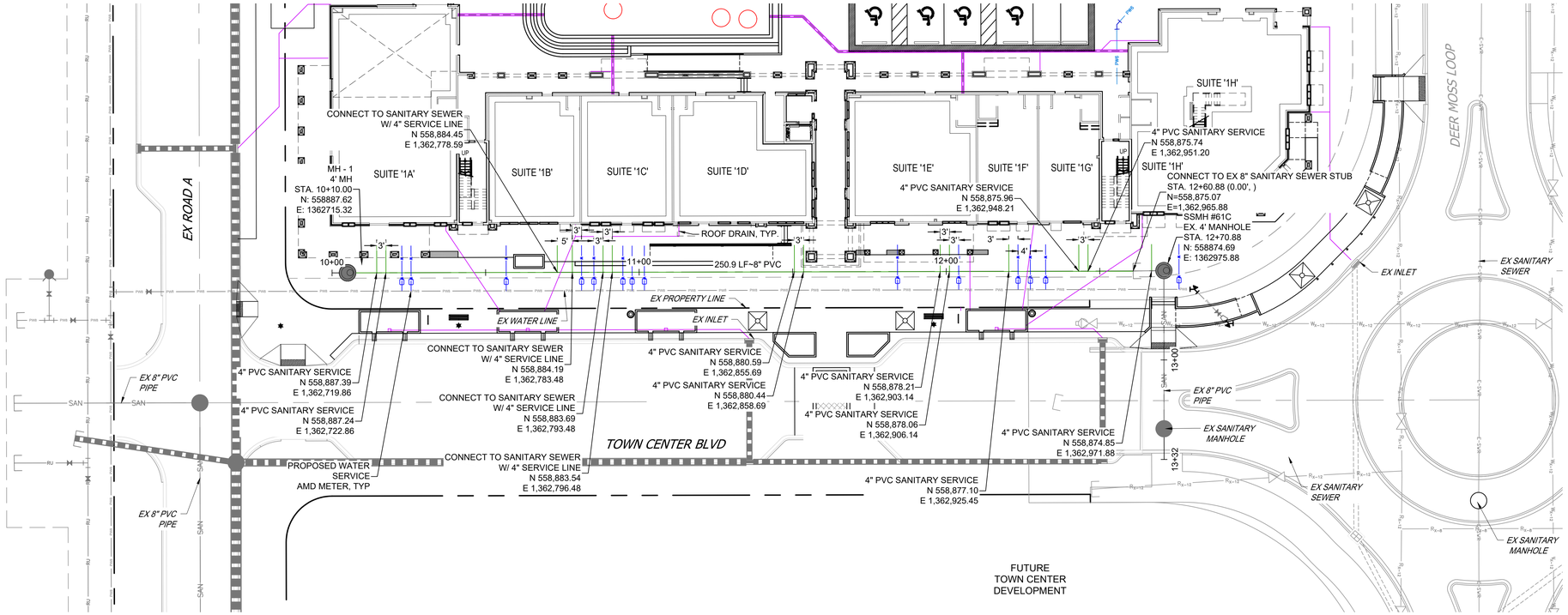
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

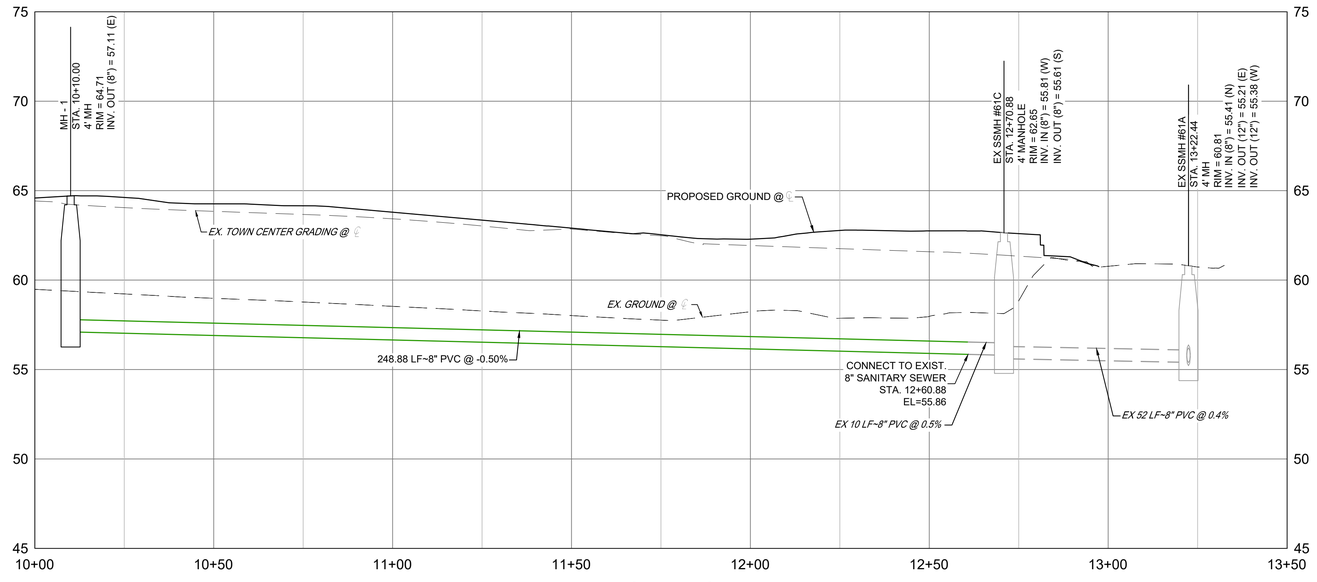
CONSTRUCTION DOCUMENTS

WATER SERVICE UTILITY PLAN

DESIGNED BY:	JK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	SHEET	31 OF 57	UT04
CHECKED BY:	MJ	VERT.			

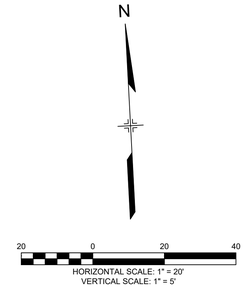
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N Block-Sanitary PROFILE
SCALE: (H) 1" = 20' (V) 1" = 4'
START STA: 10+00.00, END STA: 13+50.00

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REFERENCE DRAWINGS

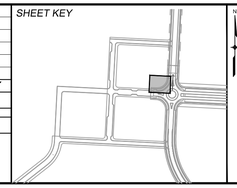
No.	DATE	DESCRIPTION	BY

REVISIONS

COMPUTER FILE MANAGEMENT

FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\SS01.dwg
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Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

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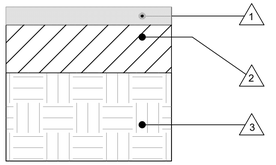
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MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

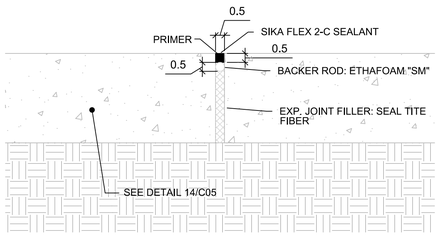
SANITARY SEWER PLAN AND PROFILE

DESIGNED BY:	JK	SCALE	
DRAWN BY:	EG	HORIZ.	
CHECKED BY:	MJ	VERT.	
DATE ISSUED:	MAR 2026	DRAWING No.	UT05
SHEET	32 OF 57		



ASPHALTIC CONCRETE PAVEMENT SECTION

N.T.S.

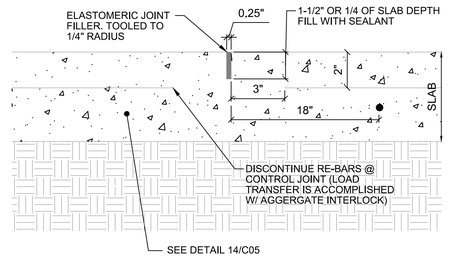


1) MASK SURFACE WITH DUCT TAPE DURING INSTALLATION OF PRIMER AND SEALANT REMOVE WHEN SEALANT HAS SET.

2) EXPANSION JOINTS ARE REQUIRED WHEN ABUTTING EXISTING OR SEPARATELY POURED RIGID CONCRETE/STRUCTURES.

TYPICAL EXPANSION JOINT SECTION

SCALE: 3" = 1'-0"



TYPICAL CONTROL JOINT SECTION

SCALE: 3" = 1'-0"

CONTROL JOINT GUIDELINES:

1. LONG DIMENSION SHOULD NOT EXCEED 1 1/2 TIMES SHORT DIMENSION.

2. JOINT PATTERN SHOULD LINE UP WITH EDGE OF BUILDING WALK, CENTERLINE OF ISLANDS, AND OTHER FEATURES. ADJUST DISTANCES BETWEEN JOINTS TO FIT WITH MAXIMUM DISTANCE OF 15 FEET.

3. NO "L-SHAPED" SLABS ARE ALLOWED

4. NO "PIE SHAPED" SLABS ARE ALLOWED.

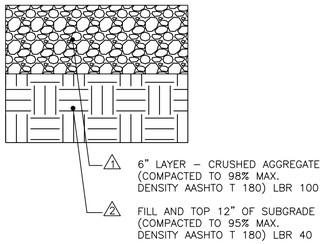
5. JOINT MATERIAL SHOULD TIE INTO CURVED FEATURES ALONG THE RADIUS EXTENDED.

6. MAXIMUM DISTANCE BETWEEN JOINTS IS TO BE 15 FEET.

7. BUILDING SIDEWALK, PARKING AREAS AND VEHICULAR USE AREAS ARE TO BE SEPARATE POURS.

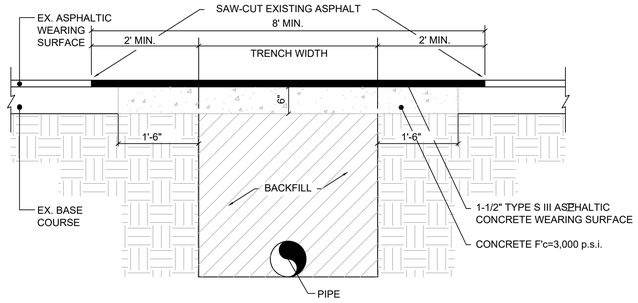
8. CONTROL JOINTS ARE TO BE LOCATED AS SHOWN ON PLANS.

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TYPICAL GRAVEL PAVEMENT SECTION

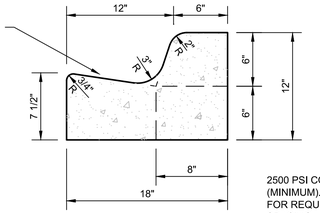
SCALE: 2" = 1'-0"



ASPHALT PAVEMENT PATCH DETAIL

SCALE: 3/4" = 1'-0"

NOTE:
MATCH SLOPE OF
PAVEMENT WHEN
USED ON HIGH
SIDE OF PAVEMENT

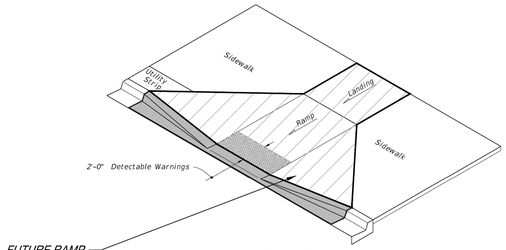


2500 PSI CONCRETE
(MINIMUM). SEE SPECS
FOR REQUIRED JOINT
SPACING.

NOTE: GUTTER SLOPE OF CURBING TO MATCH THE SLOPE OF THE ASPHALT PAVEMENT

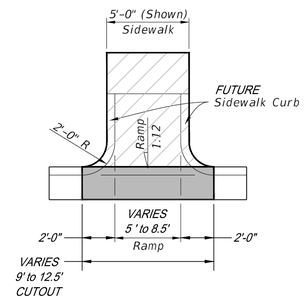
18" CURB & GUTTER (MODIFIED FDOT TYPE F)

N.T.S



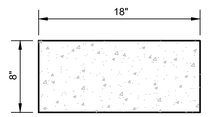
FUTURE FDOT CR-A RAMP CUTOUT

N.T.S



FUTURE FDOT CR-E RAMP CUTOUT

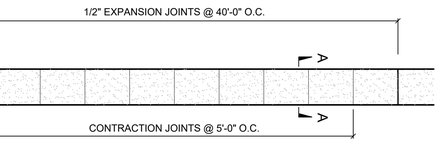
N.T.S



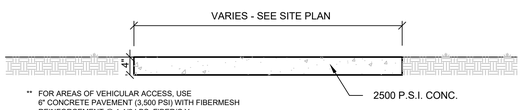
3000 PSI CONCRETE (MINIMUM).
SEE SPECS FOR REQUIRED JOINT SPACING.

CUTOUT SECTION

N.T.S



PLAN
1/8" = 1'-0"



** FOR AREAS OF VEHICULAR ACCESS, USE
6" CONCRETE PAVEMENT (3,500 PSI) WITH FIBERMESH
REINFORCEMENT @ 1-1/2 LBS. FIBER/C.Y.

SECTION A-A
3/4" = 1'-0"

CONCRETE SIDEWALK DETAIL

SCALE: AS SHOWN



TRAFFIC RATED CONCRETE PAVEMENT SECTION

N.T.S.

REFERENCE DRAWINGS

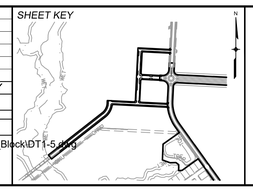
No.	DATE	DESCRIPTION	BY

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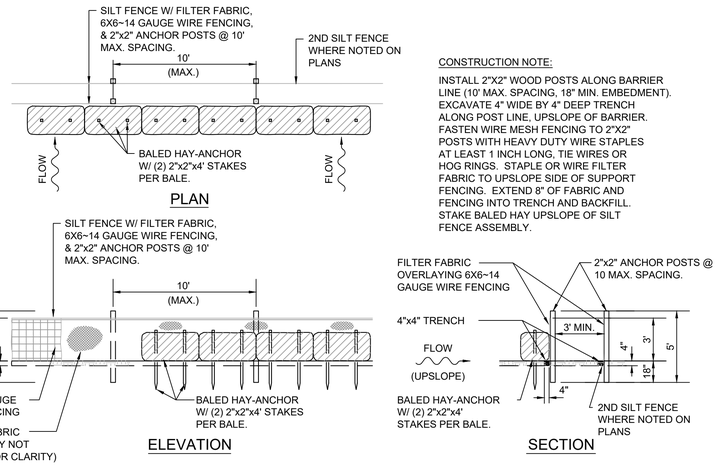
FOR AND ON BEHALF OF
MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

CONSTRUCTION DETAILS

DESIGNED BY:	JK	SCALE		DATE ISSUED: MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	N/A	SHEET 33 OF 57	DT01
CHECKED BY:	MJ	VERT.	N/A		

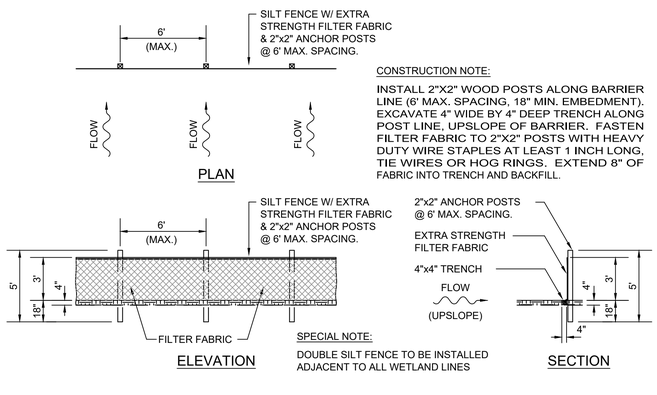


CONSTRUCTION NOTE:

INSTALL 2"X2" WOOD POSTS ALONG BARRIER LINE (10' MAX. SPACING, 18" MIN. EMBEDMENT). EXCAVATE 4" WIDE BY 4" DEEP TRENCH ALONG POST LINE, UPSLOPE OF BARRIER. FASTEN WIRE MESH FENCING TO 2"X2" POSTS WITH HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. STAPLE OR WIRE FILTER FABRIC TO UPSLOPE SIDE OF SUPPORT FENCING. EXTEND 8" OF FABRIC AND FENCING INTO TRENCH AND BACKFILL. STAKE BALED HAY UPSLOPE OF SILT FENCE ASSEMBLY.

TYPICAL EROSION CONTROL DETAILS

SCALE: 1" = 5'-0"



CONSTRUCTION NOTE:

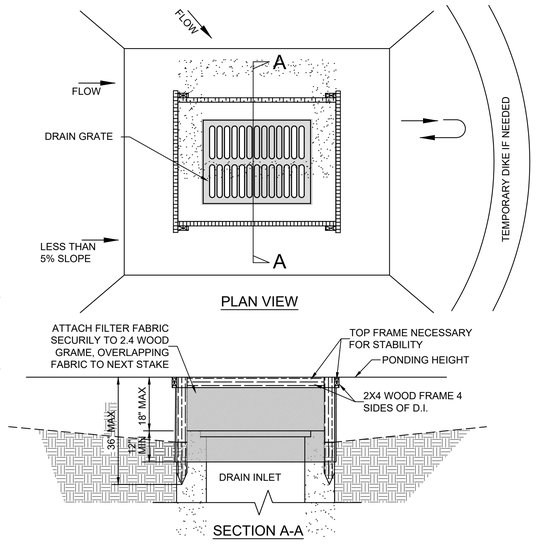
INSTALL 2"X2" WOOD POSTS ALONG BARRIER LINE (6' MAX. SPACING, 18" MIN. EMBEDMENT). EXCAVATE 4" WIDE BY 4" DEEP TRENCH ALONG POST LINE, UPSLOPE OF BARRIER. FASTEN FILTER FABRIC TO 2"X2" POSTS WITH HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. EXTEND 8" OF FABRIC INTO TRENCH AND BACKFILL.

SPECIAL NOTE:

DOUBLE SILT FENCE TO BE INSTALLED ADJACENT TO ALL WETLAND LINES

SILT FENCE DETAIL

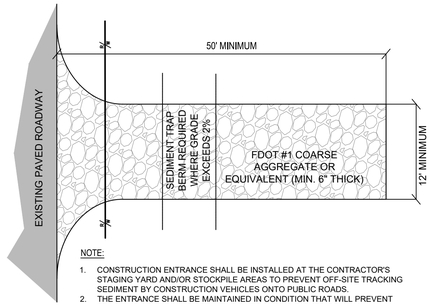
SCALE: 1" = 5'-0"



INLET PROTECTION DETAIL

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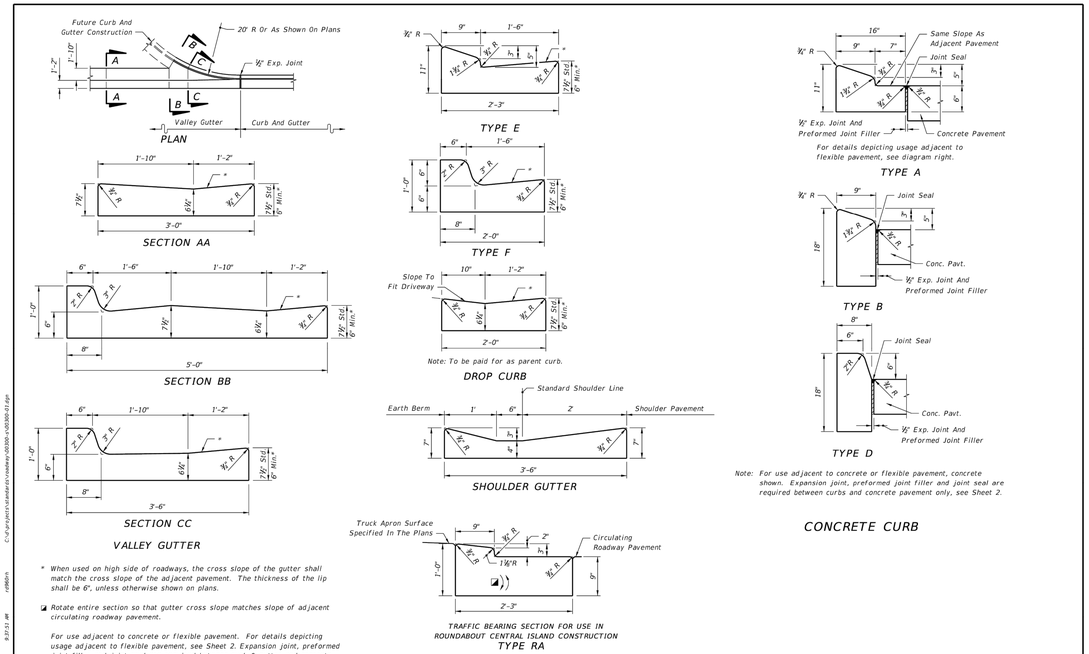


NOTE:

1. CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT THE CONTRACTOR'S STAGING YARD AND/OR STOCKPILE AREAS TO PREVENT OFF-SITE TRACKING SEDIMENT BY CONSTRUCTION VEHICLES ONTO PUBLIC ROADS.
2. THE ENTRANCE SHALL BE MAINTAINED IN CONDITION THAT WILL PREVENT TRACKING OR FLOWING SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY.
3. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
4. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH FDOT #1 COARSE AGGREGATE OR EQUIVALENT THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



* When used on high side of roadways, the cross slope of the gutter shall match the cross slope of the adjacent pavement. The thickness of the lip shall be 6", unless otherwise shown on plans.

◪ Rotate entire section so that gutter cross slope matches slope of adjacent circulating roadway pavement.

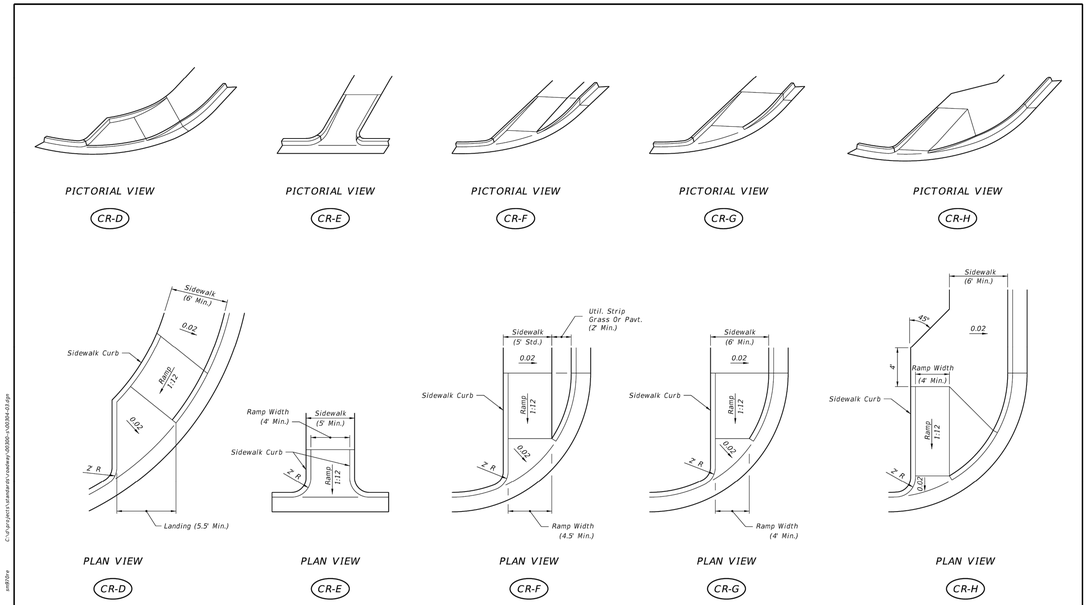
For use adjacent to concrete or flexible pavement. For details depicting usage adjacent to flexible pavement, see Sheet 2. Expansion joint, preformed joint filler and joint seal are required between curb & gutter and concrete pavement only, see Sheet 2.

Note: For use adjacent to concrete or flexible pavement, concrete shown. Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only, see Sheet 2.

CONCRETE CURB

CONCRETE CURB AND GUTTER

LAST REVISION	DESCRIPTION:	FDOT DESIGN STANDARDS 2013	CURB & CURB AND GUTTER	INDEX NO.	SHEET NO.
00				300	1



DIMENSIONAL FEATURES OF SIDEWALK CURB RAMPS FOR LINEAR PEDESTRIAN TRAFFIC

LAST REVISION	DESCRIPTION:	FDOT 2014 DESIGN STANDARDS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX NO.	SHEET NO.
07/01/13				304	3 of 7

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6/28/2013 8:37:51 AM

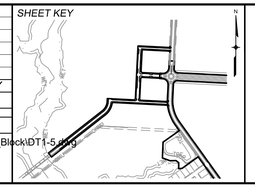
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No.	DATE	DESCRIPTION	BY
		REVISIONS	

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SHEET KEY



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SEAL

FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

EROSION CONTROL DETAILS

DESIGNED BY:	JK	SCALE		DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	N/A			
CHECKED BY:	MJ	VERT.	N/A	SHEET	34 OF 57	DT02

CONSTRUCTION DOCUMENTS

GENERAL NOTES:

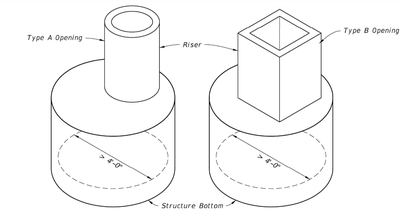
1. Work this Index with Specification 425 and Index 425-001.
2. Type P standard structure bottoms are 4'-0"diameter and smaller (Alt. A) and 3'-6" square (Alt. B) . Larger standard structure bottoms are designated Type J. Risers are permitted for all structures.
3. Walls of circular structures (Alt. A) constructed in place may be of brick or reinforced concrete. Construct precast and rectangular structures (Alt. B) with reinforced concrete only.
4. Wall thickness and reinforcement are for either reinforced cast-in-place or precast concrete units except that precast circular units may be furnished with walls in accordance with ASTM C478 (See Table 1).
5. Top and bottom slab thickness and reinforcement are for precast and cast-in-place construction. Use Class II concrete, except when Class IV concrete is shown in the Plans.
6. Alt. A or Alt. B structure bottoms may be used in conjunction with curb inlet tops Types 1, 2, 3, 4, 5, 6, 9, and 10, and any manhole or junction box. Alt. B structure bottoms may be used in conjunction with curb inlet Types 7 & 8, or any ditch bottom inlet.
7. Rectangular structures may be rotated as directed by the Engineer in order to facilitate connections between the structure walls and pipes.
8. Use straight embedment reinforcement in top and bottom slabs ,except when ACI hooks are specifically required.
9. Construct corner fillets as shown for rectangular structures used with circular risers and inlet throats, and when used on skew with rectangular risers, inlets, and inlet throats. Construct fillets in the top slab of the Alt. A structure bottoms when used with the Type B risers. Reinforce each fillet with two #5 bars.
10. Units larger than specified standards may be substituted at the contractor's option when these units will not cause or increase the severity of utility conflicts. Furnish such larger units at no additional cost to the Department. Larger Alt. A units cannot replace Alt. B units without approval of the Engineer. This Note applies to this Index only.

REINFORCEMENT NOTES:

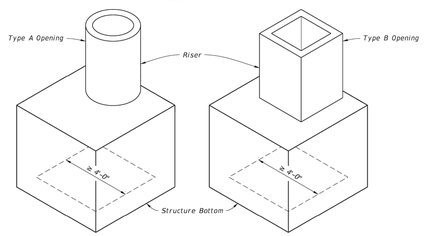
1. Locate wall reinforcement in rectangular structures as shown in the WALL REINFORCEMENT SPLICE DETAILS in Index 425-001.
2. Provide a minimum 2"clear cover for all reinforcement unless otherwise noted and except for 36"diameter ASTM C478 units.
3. Additional bars used to restrain hole formers for precast structures with grouted pipe connections may be left flush with the hole surface.
4. Cut or bend reinforcement at pipe openings to maintain cover.
5. Remove exposed ends of reinforcing at precast pipe openings and grouted joints to 1" below the concrete surface and seal with a Type F Epoxy meeting the requirements of Specification 926.
6. Equivalent area smooth or deformed welded wire reinforcement may be substituted in accordance with Index 425-001.

TABLE OF CONTENTS:

Sheet	Description
1	General Notes and Contents
2	Dimensional and Reinforcing Details
3	Tables 1, 2, 3, and 4
4	Tables 5 and 6

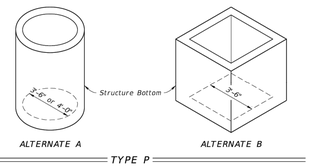


ALTERNATE A



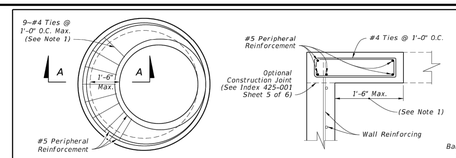
ALTERNATE B

TYPE J



ALTERNATE A ALTERNATE B

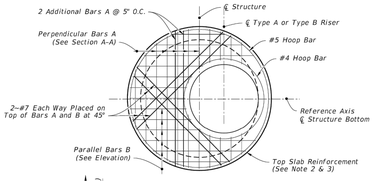
TYPE P



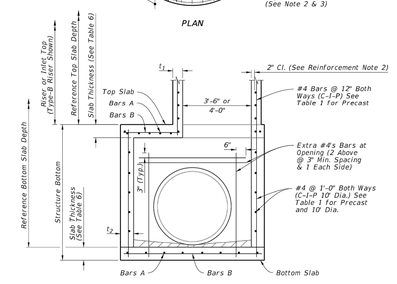
PLAN

SECTION A-A

SPECIAL TOP SLAB



PLAN

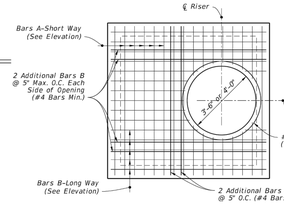


ELEVATION

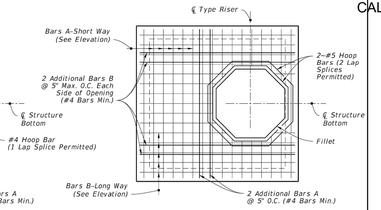
TYPE J BOTTOM - ALTERNATE A

ALTERNATE A NOTES:

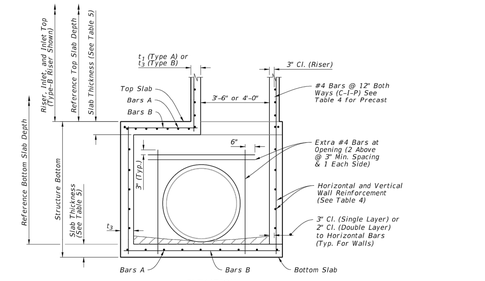
1. Rotate #4 Bars as required to maintain cover.
2. Construct the top or riser of the structure according the top slab to the "Special Top Slab" details, when the inside diameter of a round structure is not more than 1'-6" larger than the opening in the riser or top slab.
3. Alternate A slab reinforcing not applicable for Type A, B, C, D & E Ditch Bottom Inlets or Type S & V Gutter Inlets. See Indexes 425-040, 425-041, 425-050, 425-051, and 425-052.



TYPE A - ROUND RISER OPENING PLAN



TYPE B - SQUARE RISER OPENING PLAN



ELEVATION

TYPE J BOTTOM - ALTERNATE B

DIMENSIONAL AND REINFORCING DETAILS

TABLE 1 - ALTERNATE A - STRUCTURES

TYPE	STRUCTURE/RISER DIAMETER (ft)	CAST-IN-PLACE ITEMS CLASS II CONCRETE		PRECAST ITEMS				
		t_2	A_s	CLASS II CONCRETE		ASTM C478		
		RISER (in.)	BOTTOM (in.)	$(in^2/ft.)$	RISER (in.)	BOTTOM (in.)	A_s $(in^2/ft.)$	t_1 or t_2 (in.)	A_s*** $(in^2/ft.)$
P	3'-6"	6	8	0.20	6	8	0.20	4**	0.105
P	4'-0"	6	8	0.20	6	8	0.20	5**	0.120
J	5'-0"	-	8	0.20	-	8	0.20	6**	0.150
J	6'-0"	-	8	0.20	-	8	0.20	6	0.180
J	7'-0"	-	8	0.20	-	8	0.20	7	0.210
J	8'-0"	-	8	0.20	-	8	0.20	8	0.240
J	10'-0"	-	10	0.40##	-	10	0.40##	10	0.300
J	12'-0"	-	10	0.40##	-	12	0.40##	12	0.360

t_1 and t_2- Wall Thickness.

A_s- Vertical and horizontal areas of reinforcement.

##Provide 0.20 eq. in.²/ft. at each face, 12" max. bar spacing.

**Modified minimum wall thickness.

***Min. total circumferential reinforcement for continuous steel hoops:

A2 = 0.40 sq. in. for riser section height equal or less than 2'-0" (2 hoop min.)

A_s = 0.60 sq. in. for riser section height more than 2'-0" up to 4'-0" (3 hoop min.)

Areas of reinforcing for precast items are based on Grade 60 reinforcing.

No reduction in the area of reinforcement is allowed for welded wire fabric in Table 1.

Area of vertical reinforcing may be reduced in accordance with ASTM C478.

TABLE 2 - ALTERNATE B SQUARE AND RECTANGULAR STRUCTURES

TYPE	WALL LENGTH (FT)	MAX. DEPTH (FT)	WALL THICKNESS (t_2)	
			C-I-P (in.)	PRECAST (in.)
P	≤ 3'-6"	40	6 Riser 8 Bottom	6
J	4'-0"	40	8	6
J	5'-0"	22	-	6
J	6'-0"	15	-	6
J	5'-0"to9'-0"	40	8	8
J	10'-0"	26	8	8
J	10'-0"to12'-0"	40	10	9
J	16'-0"	35	-	9
J	16'-0"	40	10	10
J	20'-0"	25	-	9
J	20'-0"	30	10	10

See Table 4 for Reinforcing Schedule.

TABLE 3 - REINFORCING SCHEDULE

SCHEDULE	GRADE 60 BARS OR 65 KSI & 70 KSI WELDED WIRE REINFORCING			
	MAXIMUM SPACING			
	GRADE 60 AREA (in^2/ft)	GR 60 BARS (in.)	WWR EQUIV. AREA 65 KSI (in.)	70 KSI (in.)
A12	0.20	12	8	8
A6	0.20	6	5	4½
B10	0.24	10	8	7½
B5.5	0.24	5½	5	4
C6.5	0.37	6½	6	5
C3.5	0.37	3½	3	2½
D7	0.53	7	6	5
D4.5	0.53	4½	4	3½
E5	0.73	5	4	4
E3	0.73	3	3	3
F5	1.06	5	4	4
F3.5	1.06	3½	3	3
G5	1.45	5	4	4
G3.5	1.45	3½	3	3
H4	1.75	4	3	3

TABLE 4 - WALL DESIGNS - RECTANGULAR STRUCTURES

VERTICAL REINFORCING		HORIZONTAL REINFORCING		WALL THICKNESS
WALL DEPTH	SCHEDULE	WALL DEPTH	SCHEDULE	
SIZE: 3'-6" x RISER				
≥1.17' - 40'	A12	≥1.17' < 10'	B10	6"/8"
		10' < 18'	B5.5	6"/8"
		18' < 29'	C6.5	6"/8"
		29' < 40'	C3.5	6"/8"
SIZE: 4'-0"				
≥1.17' - 40'	A12	≥1.17' < 6'	B10	6"/8"
		6' < 10'	B5.5	6"/8"
		10' < 20'	C6.5	6"/8"
		20' < 28'	C3.5	6"/8"
		28' - 40'	D4.5	6"/8"
SIZE: 5'-0"				
≥1.17' - 40'	A12	≥1.17' < 5'	B5.5	6"/8"
		5' < 9'	C6.5	6"/8"
		9' < 15'	C3.5	6"/8"
		15' < 22'	D4.5	6"/8"
		22' - 40'	E3	8"
SIZE: 6'-0"				
≥1.17' < 26'	A12	≥1.17' < 9'	C3.5	6"/8"
		9' < 15'	D4.5	6"/8"
		15' < 26'	E3	8"
	Inside Outside		Inside Outside	
26' - 40'	A12 A12	26' - 40'	D7 D7	8"
SIZE: 7'-0"				
	Inside Outside		Inside Outside	
≥1.17' < 25'	A12 A12	≥1.17' < 7'	B10 B10	8"
26' - 40'	B10 B10	7' < 10'	B5.5 B5.5	8"
		10' < 20'	C6.5 C6.5	8"
		20' < 30'	D7 D7	8"
		30' - 40'	E5 E5	8"
SIZE: 8'-0"				
	Inside Outside		Inside Outside	
≥1.17' < 20'	A12 A12	≥1.17' < 6'	B5.5 B5.5	8"
20' - 40'	C6.5 C6.5	6' < 13'	C6.5 C6.5	8"
		13' < 22'	D7 D7	8"
		22' < 31'	E5 E5	8"
		31' - 40'	F5 F5	8"
SIZE: 9'-0"				
	Inside Outside		Inside Outside	
≥1.17' < 12'	A12 A12	≥1.17' < 8'	C6.5 C6.5	8"
12' < 28'	C6.5 C6.5	8' < 15'	D7 D7	8"
28' - 40'	D7 D7	15' < 23'	E5 E5	8"
		23' - 40'	F5 F5	8"
SIZE: 10'-0"				
	Inside Outside		Inside Outside	
≥1.17' < 10'	B10 B10	≥1.17' < 10'	D7 D7	8"
10' < 21'	C6.5 C6.5	10' < 17'	E5 E5	8"
21' < 26'	D7 D7	17' < 26'	F5 F5	8"
26' - 40'	C6.5 C6.5	26' - 40'	F5 F5	10"

VERTICAL REINFORCING		HORIZONTAL REINFORCING		WALL THICKNESS
WALL DEPTH	SCHEDULE	WALL DEPTH	SCHEDULE	
SIZE: 10'-0" (Precast Only)				
		Inside Outside		Inside Outside	
26' - 40'	D7 D7	26' - 40'	F5 F5	9"
SIZE: 12'-0"				
		Inside Outside		Inside Outside	
≥1.17' < 14'	B10 B10	≥1.17' < 10'	C6.5 C6.5	10"
14' < 25'	C6.5 C6.5	10' < 17'	D7 D7	10"
25' - 40'	D7 D7	17' < 24'	E5 E5	10"
		24' - 40'	F5 F5	10"
SIZE: 12'-0" (Precast Only)				
		Inside Outside		Inside Outside	
≥1.17' < 12'	B10 B10	≥1.17' < 10'	D7 D7	9"
12' < 24'	C6.5 C6.5	10' < 17'	D4.5 D4.5	9"
24' - 40'	D7 D7	17' < 23'	E5 E5	9"
		23' < 32'	F5 F5	9"
		32' - 40'	G5 G5	9"
SIZE: 16'-0"				
		Inside Outside		Inside Outside	
≥1.17' < 11'	C6.5 C6.5	≥1.17' < 13'	D7 D7	10"
11' < 20'	D7 D7	13' < 20'	E5 E5	10"
20' < 28'	E5 E5	20' < 28'	F5 F5	10"
28' - 40'	F5 F5	28' - 40'	G5 G5	10"
SIZE: 16'-0" (Precast Only)				
		Inside Outside		Inside Outside	
≥1.17' < 10'	C6.5 C6.5	≥1.17' < 9'	D7 D7	9"
10' < 18'	D7 D7	9' < 13'	D4.5 D4.5	9"
18' < 25'	E5 E5	13' < 19'	E5 E5	9"
25' - 35'	F5 F5	19' < 27'	F5 F5	9"
		27' - 35'	G5 G5	9"
SIZE: 20'-0"				
		Inside Outside		Inside Outside	
≥1.17' < 10'	C6.5 C6.5	≥1.17' < 8'	D7 D7	10"
10' < 17'	D7 D7	8' < 12'	E5 E5	10"
17' - 30'	E5 E5	12' < 20'	F5 F5	10"
		20' - 30'	G5 G5	10"
SIZE: 20'-0" (Precast Only)				
		Inside Outside		Inside Outside	
≥1.17' < 8'	C6.5 C6.5	≥1.17' < 8'	D4.5 D4.5	9"
8' < 13'	D7 D7	8' < 12'	E5 E5	9"
13' - 25'	E5 E5	12' < 19'	F5 F5	9"
		19' - 25'	G5 G5	9"

TABLE 4 NOTES:

1. Wall depth is measured to the top of the bottom slab for boxes and to the top of the intermediate slab for risers.
2. Wall height is the distance between top of lower slab to bottom of upper slab. Maximum wall height is 12' for wall lengths exceeding 5', or 10' for wall lengths exceeding 12'.
3. Wall lengths exceeding 6'-0" require two layers of reinforcing. (See Table 4) with 2" of cover from the interconnected bars to the inside and outside faces for each layer.
4. Wall lengths exceeding the dimensions or depths shown in Table 4, or 12'-0" diameter require a special design.
5. Wall thickness and reinforcing for rectangular structures is based on the longer wall length.

TABLES 1, 2, 3, AND 4

TABLE 5 - SLAB DESIGNS - SQUARE AND RECTANGULAR STRUCTURES
(ALL SLABS 8" THICK EXCEPT AS NOTED - REINFORCING PARALLEL TO SHORT WAY AND LONG WAY)

SHORT-WAY		LONG-WAY	
SLAB DEPTH	SCHEDULE (Bars A)	SLAB DEPTH	SCHEDULE (Bars B)
SIZE: 3'-6" x UNLIMITED			
≥0.5' < 8'	B10	≥0.5' < 24'	B10
8' < 13'	B5.5	24'-40'	B5.5
13' < 31'	C6.5		
31'-40'	D7		
SIZE: 4' x UNLIMITED			
≥0.5' < 7'	B5.5	≥0.5' < 15'	B10
7' < 19'	C6.5	15' < 29'	B5.5
19' < 31'	D7	29'-40'	C6.5
31'-40'	E5		
SIZE: 5' x 5'			
≥0.5' < 3'	C6.5	≥0.5' < 3'	C6.5
3' < 7'	B5.5	3' < 13'	C6.5
7' < 22'	C6.5	13' < 22'	D7
22' < 29'	D7	22' < 29'	D4.5
29'-40'	E5	29'-40'	E5
SIZE: 5' x 6'			
≥0.5' < 12'	C6.5	≥0.5' < 3'	C6.5
12' < 26'	D7	3' < 9'	B5.5
26'-40'	E5	9' < 23'	C3.5
		23' < 35'	D4.5
		35'-40'	E5
SIZE: 5' x 7'			
≥0.5' < 10'	C6.5	≥0.5' < 10'	B5.5
10' < 20'	D7	10' < 31'	C3.5
20' < 34'	E5	31'-40'	D4.5
34'-40'	F5		
SIZE: 5' x 8'			
≥0.5' < 7'	C6.5	≥0.5' < 8'	B10
7' < 13'	D7	8' < 17'	B5.5
13' < 24'	E5	17' < 25'	C6.5
24'-40'	F5	25'-40'	C3.5
SIZE: 5' x 9'			
≥0.5' < 8'	C6.5	≥0.5' < 14'	B10
8' < 14'	D7	14' < 24'	B5.5
14' < 25'	E5	24' < 34'	C6.5
25'-40'	F5	34'-40'	C3.5
SIZE: 5' x UNLIMITED			
≥0.5' < 8'	C6.5	≥0.5' < 14'	B10
8' < 14'	D7	14' < 24'	B5.5
14' < 25'	E5	24' < 34'	C6.5
25'-40'	F5	34'-40'	C3.5

SHORT-WAY		LONG-WAY	
SLAB DEPTH	SCHEDULE (Bars A)	SLAB DEPTH	SCHEDULE (Bars B)
SIZE: 6' x 6'			
≥0.5' < 13'	C6.5	≥0.5' < 10'	C3.5
13' < 23'	D7	10' < 18'	D4.5
23'-40'	E5	18' < 27'	E5
		27' < 33'	E3
		33'-40'	F5
SIZE: 6' x 7'			
≥0.5' < 8'	C6.5	≥0.5' < 8'	C6.5
8' < 16'	D7	8' < 12'	C3.5
16' < 28'	E5	12' < 21'	D4.5
28'-40'	F5	21' < 28'	E5
		28' < 35'	E3
		35'-40'	F5
SIZE: 6' x 8'			
≥0.5' < 6'	C6.5	≥0.5' < 6'	B5.5
6' < 13'	D7	6' < 11'	C6.5
13' < 22'	E5	11' < 17'	C3.5
22' < 35'	F5	17' < 22'	D4.5
35'-40'	G5	22' < 32'	E5
		32'-40'	E3
SIZE: 6' x 9'			
≥0.5' < 8'	D7	≥0.5' < 8'	B5.5
8' < 14'	E5	8' < 14'	C6.5
14' < 24'	F5	14' < 21'	C3.5
24'-34'	G5	21' < 25'	D4.5
		25'-34'	E5
SIZE: 6' x UNLIMITED			
≥0.5' < 8'	D7	≥0.5' < 8'	B5.5
8' < 14'	E5	8' < 14'	C6.5
14' < 24'	F5	14' < 21'	C3.5
24'-34'	G5	21' < 25'	D4.5
		25'-34'	E5
SIZE: 7' x 7'			
≥0.5' < 8'	C6.5	≥0.5' < 4'	C6.5
8' < 15'	D7	4' < 7'	C3.5
15' < 26'	E5	7' < 11'	D4.5
26'-40'	F5	11' < 22'	E3
		22' < 32'	F3.5
		32'-40'	G3.5
SIZE: 7' x 8'			
≥0.5' < 5'	C6.5	≥0.5' < 5'	C6.5
5' < 11'	D7	5' < 8'	C3.5
11' < 19'	E5	8' < 13'	D4.5
19' < 30'	F5	13' < 22'	E3
30'-40'	G5	22' < 30'	F3.5
		30'-40'	G3.5
SIZE: 7' x 9'			
≥0.5' < 9'	D7	≥0.5' < 7'	C6.5
9' < 15'	E5	7' < 10'	C3.5
15' < 25'	F5	10' < 18'	D4.5
25' - 34'	G5	18' < 27'	E3
		27' - 34'	F3.5

SHORT-WAY		LONG-WAY	
SLAB DEPTH	SCHEDULE (Bars A)	SLAB DEPTH	SCHEDULE (Bars B)
SIZE: 8' x 8'			
≥0.5' < 10'	D7	≥0.5' < 9'	D4.5
10' < 19'	E5	9' < 13'	E5
19'-30'	F5	13' < 18'	F5
		18' < 23'	F3.5
		23'-30'	G3.5
SIZE: 8' x 9'			
≥0.5' < 8'	D7	≥0.5' < 7'	D7
8' < 14'	E5	7' < 9'	D4.5
14' < 23'	F5	9' < 15'	E3
23'-31'	G3.5	15' < 20'	F5
		20' < 23'	F3.5
		23'-31'	G3.5
SIZE: 9' x 9'			
≥0.5' < 8'	D7	≥0.5' < 7'	D4
8' < 14'	E5	7' < 10'	E5
14' < 22'	F5	10' < 17'	F3.5
		17' < 22'	G3.5
SIZE: 9'x9'x10" SLAB THICKNESS			
22' < 36'	F5	22' < 31'	F3.5
36'-40'	G5	31'-40'	G3.5
SIZE: 10'x10'x10" SLAB THICKNESS			
≥0.5' < 7'	C6.5	0.5' < 6'	C6.5
7' < 10'	D7	6' < 9'	D4.5
10' < 18'	E5	9' < 15'	E5
18' < 27'	F5	15' < 22'	F5
27'-32'	G5	22'-32'	G3.5
SIZE: 12'x12'x12" SLAB THICKNESS			
≥0.5' < 10'	D7	≥0.5' < 8'	D7
10' < 16'	E5	8' < 14'	E5
16' < 25'	F5	14' < 22'	F5
25'-33'	G5	22' < 30'	G5
		30'-35'	H4

TABLE 6 - SLAB DESIGNS ROUND STRUCTURES

SLAB DEPTH	SLAB THICKNESS	REINF. (2-WAY) SCHEDULE
SIZE: 3'-6" DIAMETER		
2'-15"	6" Precast	C6.5
0.5' < 30'	8"	A6
30'-40'	8"	B5.5
SIZE: 4'-0" DIAMETER		
≥0.5' < 19'	8"	A6
19' < 30'	8"	B5.5
30'-40'	8"	C6.5
SIZE: 5'-0" DIAMETER		
≥0.5' < 15'	8"	B5.5
15' < 26'	8"	C6.5
26' < 35'	8"	D7
35'-40'	8"	D4.5
SIZE: 6'-0" DIAMETER		
≥0.5' < 9'	8"	B5.5
9' < 15'	8"	C6.5
15' < 22'	8"	C3.5
22' < 30'	8"	D4.5
30'-40'	8"	E5
SIZE: 7'-0" DIAMETER		
≥0.5' < 8'	8"	C3.5
8' < 16'	8"	D4.5
16' < 23'	8"	E5
23' < 27'	8"	E3
27'-40'	8"	F3.5
SIZE: 8'-0" DIAMETER		
≥0.5' < 10'	8"	D4.5
10' < 16'	8"	E5
16' < 19'	8"	E3
19' < 29'	8"	F3.5
29'-40'	10"	F5
SIZE: 10'-0" DIAMETER		
≥0.5' < 12'	10"	D4.5
12' < 20'	10"	E5
20' < 28'	10"	F5
28'-40'	10"	G3.5
SIZE: 12'-0" DIAMETER		
≥0.5' < 8'	10"	D4.5
8' < 13'	10"	E5
13' < 18'	10"	F5
18' < 26'	10"	G3.5
26'-40'	12"	G3.5

SLAB AND WALL DESIGN TABLE NOTES

1. Size is the inside dimension(s) of a structure.
2. Slab reinforcement is appropriate for top, intermediate, and bottom slabs.
3. Bottom Slabs for precast 3'-6" x 3'-6" rectangular structures at 15' depth or less, may be 6" thick.
4. Slab depth is measured from finished grade to top of slab.
5. Reinforcing schedules with larger areas of steel may be substituted for schedules with smaller bar or wire spacing, except that Schedule B10 may not be substituted for Schedule A6. See Index 425-001 for allowable bar spacing adjustments when larger areas of reinforcing are substituted.

TABLES 5 AND 6

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No.	DATE	DESCRIPTION	BY

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CTB FILE: Matrix.ctb
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REAL ESTATE & DEVELOPMENT
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East Palm Plaza
Niceville, FL 32578
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PREPARED BY:
Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
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www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
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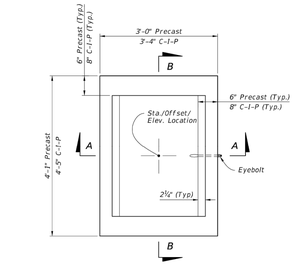
CONSTRUCTION DOCUMENTS

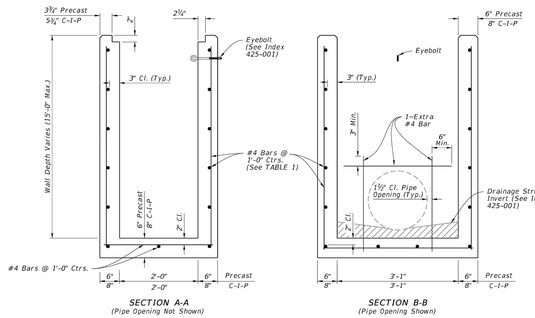
FDOT STRUCTURE BOTTOM DETAILS

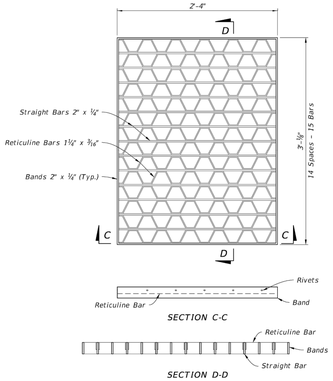
DESIGNED BY:	JK	SCALE		DATE ISSUED: MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	N/A	SHEET 35 OF 57	DT03
CHECKED BY:	MJ	VERT.	N/A		

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STEEL GRATE DETAIL

(Approx. 104 Lbs. - See Sheet 7 For Cast Iron Grates)

TABLE 1
HORIZONTAL WALL REINFORCING SCHEDULE

WALL DEPTH	SCHEDULE	AREA (in.²/ft.)	MAX. SPACING	
			BARS	WWF
0' - 15'	A12	0.20	12"	8"

NOTES:

1. Grate, Concrete Apron, and Sod not shown on structure detail.
2. See Sheet 8, 9, and 10 for Concrete Apron and Sodded Area details.

DIMENSIONAL AND REINFORCING DETAILS

TYPE C - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS

8:11:43 AM
10/20/2022

LAST REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	DITCH BOTTOM INLET TYPES C, D, E, AND H	INDEX	SHEET
10/01/20					425-052	2 of 14

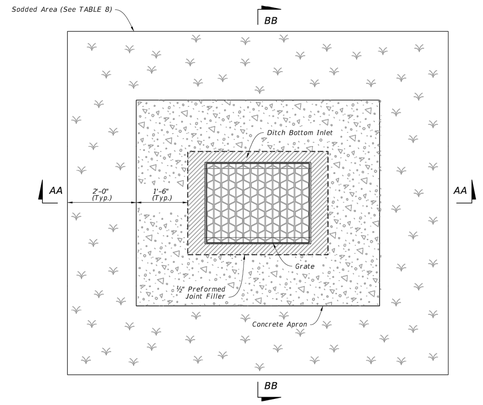
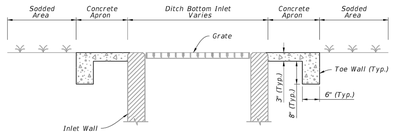


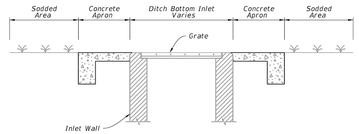
TABLE 8
CONCRETE APRON
AND SOD QUANTITIES

SOD AND PAVEMENT		
Inlet Type	Sod SY	Conc. CY
C	8	0.30
D	9	0.36
E	9	0.37
H	11	0.45

NOTES:

1. Concrete Apron to be installed only where called for in the Plans.
2. Sod always required.

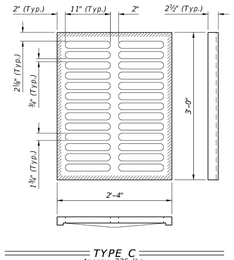




TRAVERSABLE INLET WITHOUT SLOT DETAILS

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10/01/20					425-052	9 of 14



TYPE C
Approx. 235 lbs.

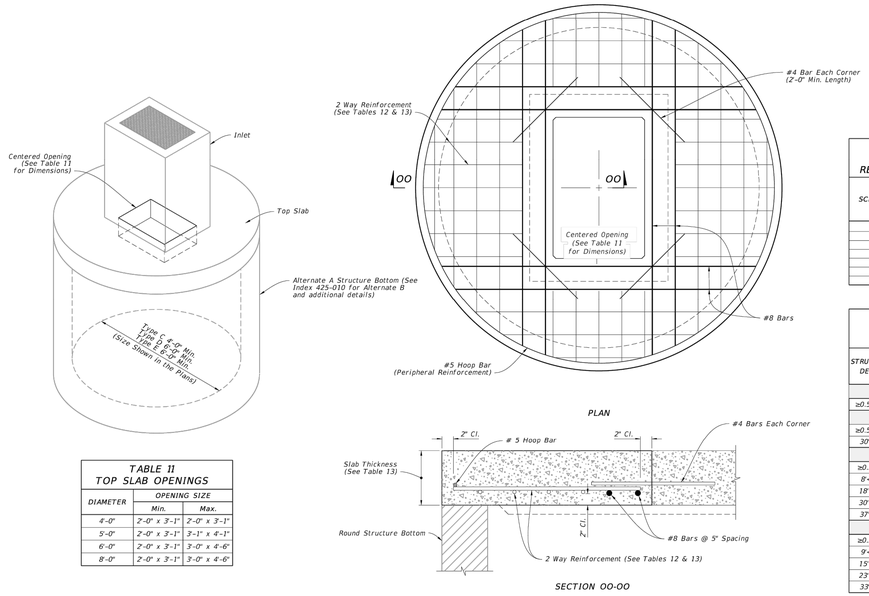


TABLE 11
TOP SLAB OPENINGS

DIAMETER	OPENING SIZE	
	Min.	Max.
4'-0"	2'-0" x 3'-1"	2'-0" x 3'-1"
5'-0"	2'-0" x 3'-1"	3'-1" x 4'-1"
6'-0"	2'-0" x 3'-1"	3'-0" x 4'-6"
8'-0"	2'-0" x 3'-1"	3'-0" x 4'-6"

TABLE 12
TOP SLAB
REINFORCING SCHEDULE

SCHEDULE	GRADE 60 (BAR) OR 65 KSI & 70 KSI (WIRE REINFORCING) In.²/ft.
A	0.20
B	0.24
C	0.37
D	0.53
E	0.73
F	1.06
G	1.45

TABLE 13
TOP SLAB WITH
CENTERED OPENING

STRUCTURE DEPTH	SLAB THICKNESS	REINFORCING (2 WAY) SCHEDULE
SIZE: 4'-0"		
≥0.5'<40'	9½"	B
SIZE: 5'-0"		
≥0.5'<30'	9½"	C
30'-40'	9½"	D
SIZE: 6'-0"		
≥0.5'<8'	9½"	B
8'<18'	9½"	C
18'<30'	9½"	D
30'<37'	9½"	E
37'-40'	9½"	G
SIZE: 8'-0"		
≥0.5'<9'	11½"	C
9'<15'	11½"	D
15'<23'	11½"	E
23'<33'	11½"	E
33'-40'	11½"	G

ISOMETRIC VIEW

TOP SLAB REINFORCEMENT DETAILS

ALTERNATE A STRUCTURE BOTTOM - TOP SLAB DETAILS

8:11:43 AM
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10/01/20					425-052	14 of 14

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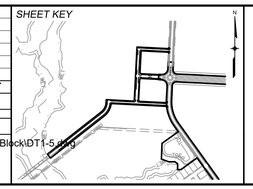
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East Palm Plaza
Niceville, FL 32578
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PREPARED BY:

Matrix
Excellence by Design
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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

FDOT TYPE C INLET & MANHOLE DETAILS

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CONSTRUCTION DOCUMENTS

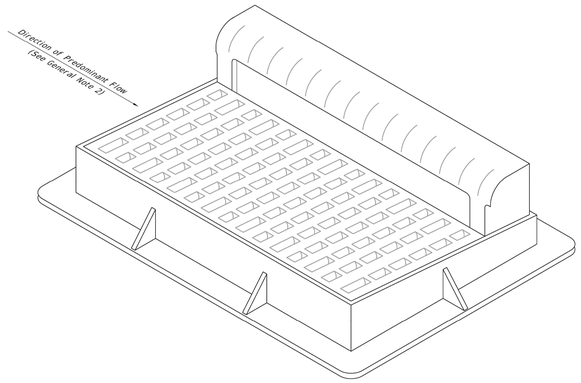
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GENERAL NOTES:

1. Work this Index with Index 425-001 and Index 425-010.
2. Orient grate with vanes directed toward predominant flow.
3. Provide 1½" minimum cover for steel in slab tops unless otherwise shown. Tops may be either cast-in-place or precast concrete.
4. Place top slab openings such that 2 edges of inlet frame will be located directly above bottom wall or riser wall for Alternate B applications..
5. When used on a structure with dimensions larger than those detailed on Sheet 3 and risers are not applied, construct the top slab using Index 425-010 with the slab opening adjusted to 24"x36". The "Special Top Slab" on Index 425-010 is not permitted.
6. Frame may be adjusted with one to six courses of brick.
7. Vaned grates with approximately equal openings that satisfy AASHTO HL-93 loading are permitted. Provide reversible (right or left) grates.

TABLE OF CONTENTS:

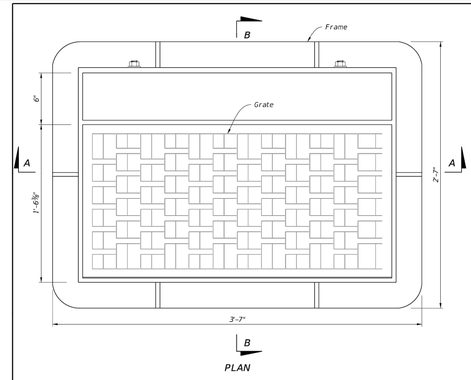
Sheet	Description
1	General Notes and Contents
2	Frame and Grate Details
3	Top Slab Details



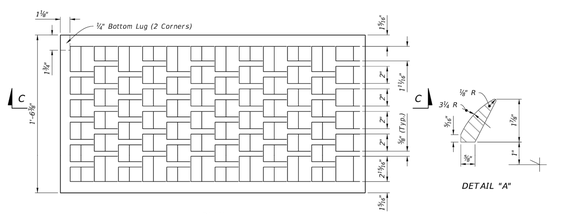
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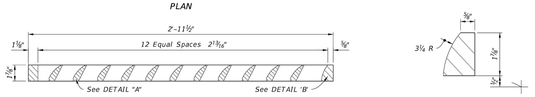


PLAN



PLAN

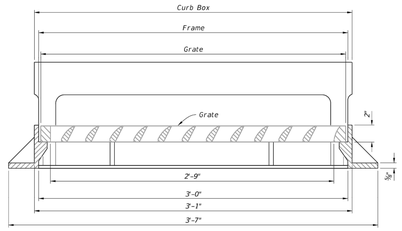
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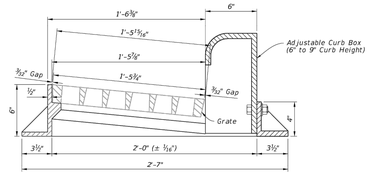
SECTON C-C

DETAIL "B"

GRATE DETAILS



SECTION A-A



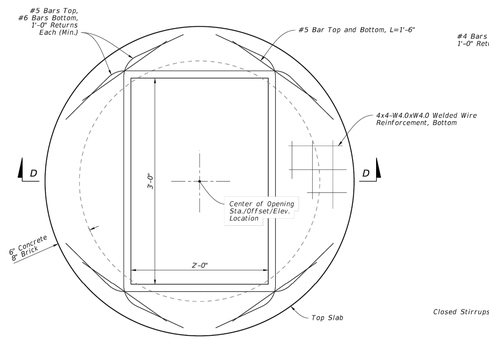
SECTION B-B

FRAME AND GRATE DETAILS

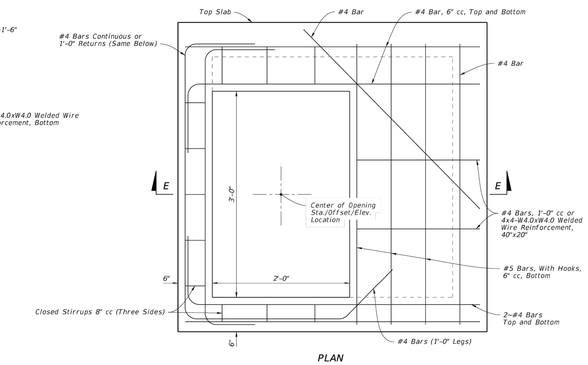
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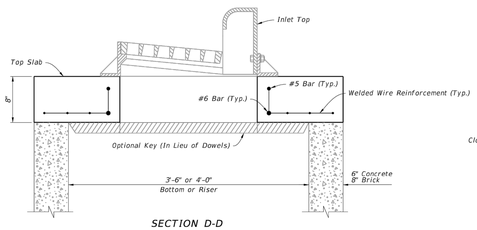
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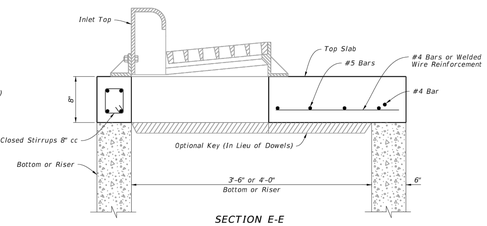
PLAN



PLAN



SECTION D-D



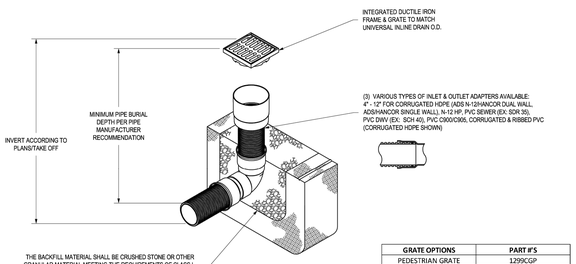
SECTION E-E

TOP SLAB DETAILS

10/19/2022 7:59:05 AM

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10/01/20		FY 2023-24 STANDARD PLANS — CURB INLET TYPE 9	425-024	3 of 3

NYLOPLAST 12" UNIVERSAL INLINE DRAIN - NON TRAFFIC RATED INSTALLATION



GRATE OPTIONS	PART #'S
PEDESTRIAN GRATE	1299CGP
STANDARD GRATE	1299CGS
SOLID COVER	1299CGC
BRONZE GRATE	1299CGPB
DROP IN GRATE	1201DI
DOME GRATE	1299CGD
2' X 2' ROAD & HIGHWAY	3299CGSQF12

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05 WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
3 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12 DUAL WALL), ADS HP, & PVC SEWER.

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DATE	09-23-21	
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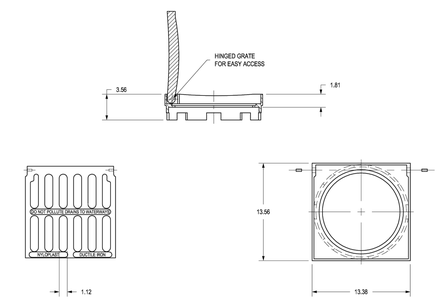
ADS Nyloplast — 3126 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com

TITLE: 12" UNIVERSAL INLINE DRAIN QUICK SPEC NON TRAFFIC RATED INSTALLATION DETAIL

DWG NO. 7003-110-159 REV A

1299CGS

APPROX. DRAIN AREA = 60.62 SQ IN
APPROX. WEIGHT WITH FRAME = 40.68 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE MEETS H-20 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-035

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REVISED BY	CCA	PROJECT NO./NAME
DATE	06-28-13	
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TITLE: 12 IN STANDARD GRATE ASSEMBLY

DWG NO. 7001-110-203 REV D

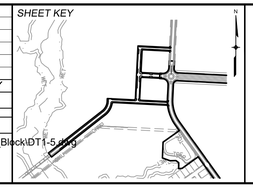
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		REVISIONS	

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PREPARED BY:

Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
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MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

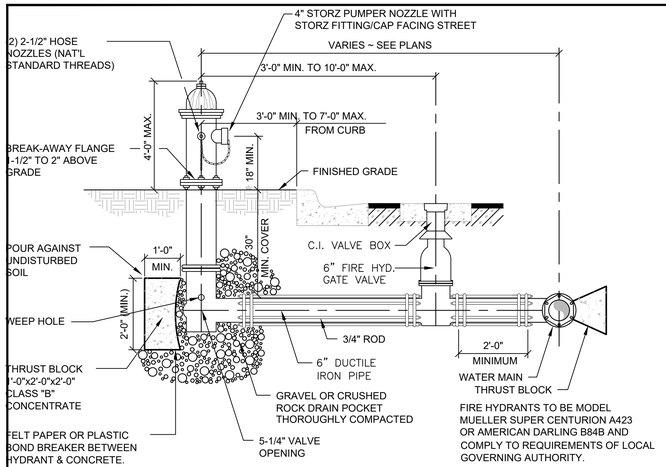
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

FDOT TYPE 9 INLET DETAIL

DESIGNED BY:	JK	SCALE		DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	N/A	SHEET	37 OF 57	DT05
CHECKED BY:	MJ	VERT.	N/A			

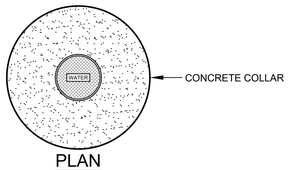
CONSTRUCTION DOCUMENTS



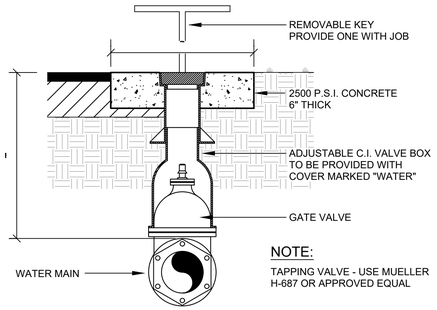
FIRE/FLUSHING HYDRANT DETAIL

SCALE : 1/2" = 1'-0"

* RECLAIM HYDRANT TO BE PURPLE IN COLOR



PLAN



NOTE:

TAPPING VALVE - USE MUELLER H-687 OR APPROVED EQUAL

SECTION

GATE VALVE AND VALVE BOX DETAIL

N.T.S.

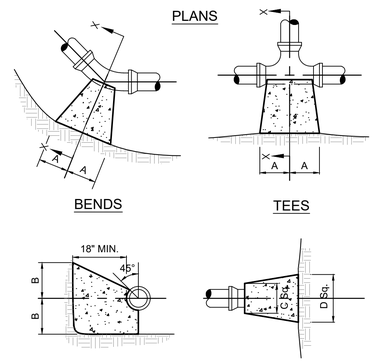
LOCATION OF PUBLIC WATER SYSYEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)	Water Main — 3 ft. minimum	Water Main — 12 inches is the minimum, except for storm sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 3 ft. minimum — Water Main
Vacuum Sanitary Sewer	Water Main — 10 ft. preferred 3 ft. minimum	Water Main — 12 inches preferred 6 inches minimum	Alternate 3 ft. minimum — Water Main
Gravity or Pressure Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)	Water Main — 10 ft. preferred 6 ft. minimum (3)	Water Main — 12 inches is the minimum, except for gravity sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 6 ft. minimum — Water Main
On-Site Sewage Treatment & Disposal System	10 ft. minimum	---	---

(1) Water main should cross above other pipe. When water main must be below other pipe, the minimum separation is 12 inches.
(2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.
(3) 3 ft. for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer.
(4) Reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.

Disclaimer – This document is provided for your convenience only. Please refer to F.A.C. Rule 62-555.314 for additional construction requirements.

NOTE: PLACE FELT PAPER OR PLASTIC BOND BREAKER BETWEEN BLOCK AND CONCRETE.

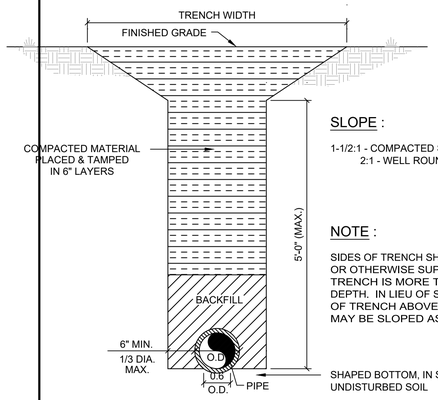


PIPE SIZE	1/4 BEND A	1/4 BEND B	1/8 BEND A	1/8 BEND B	1/16 BEND A	1/16 BEND B	TEES A	TEES B	PLUGS C	PLUGS D
4"	8"	10"	6"	8"	4"	6"	8"	10"	8"	10"
6"	12"	14"	8"	10"	6"	8"	10"	12"	10"	16"
8"	16"	18"	10"	12"	8"	10"	12"	14"	12"	22"

THRUST BLOCK DETAILS

N.T.S.

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DIG SAFELY



SLOPE :

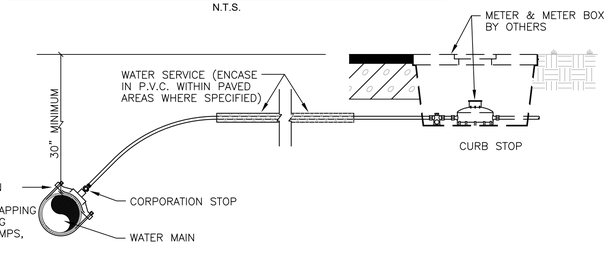
1-1/2:1 - COMPACTED SHARP SAND
2:1 - WELL ROUNDED LOOSE SAND

NOTE :

SIDES OF TRENCH SHALL BE SHORED OR OTHERWISE SUPPORTED WHEN TRENCH IS MORE THAN 5 FEET IN DEPTH. IN LIEU OF SHORING, SIDES OF TRENCH ABOVE 5 FOOT LEVEL MAY BE SLOPED AS INDICATED.

PIPE BEDDING DETAIL

SCALE: 3/4" = 1'-0"



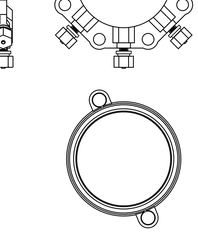
CONNECT SERVICE TO MAIN WITH SMITH-BLAIR MODEL NO. 313 DOUBLE STRAP TAPPING SADDLE W/ EPOXY COATING AND STAINLESS STEEL CLAMPS, OR APPROVED EQUAL.

WATER SERVICE CONNECTION DETAIL

N.T.S.



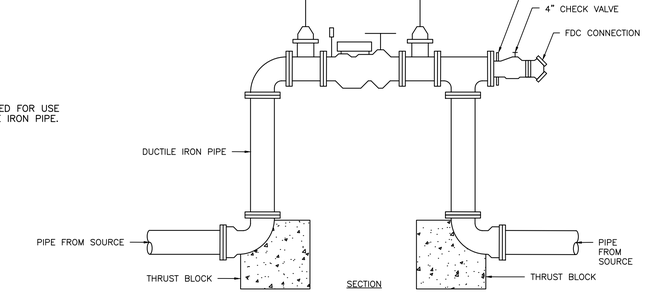
SECTION A-A



EBAA IRON
2106
PRESSURE RATINGS
WHEN USED WITH
DUCTILE IRON PIPE: 350 psi
STEEL PIPE: 350 psi
C900 PVC PIPE:
100 psi for DR25
150 psi for DR18
200 psi for DR14
IPS PVC PIPE:
160 psi for SDR26
200 psi for SDR21
250 psi for SDR17

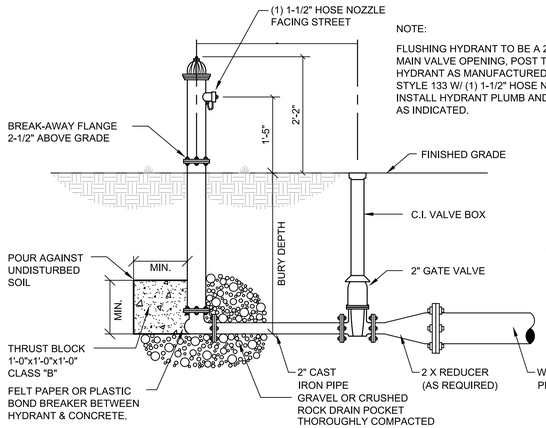
THE SERIES 2106 IS UL LISTED FOR USE ON BOTH STEEL AND DUCTILE IRON PIPE.

NOTE:
RESTRAINED FLANGE ADAPTER TO BE EBBA IRON SERIES 2100 MEGAFLANGE OR APPROVED EQUAL.



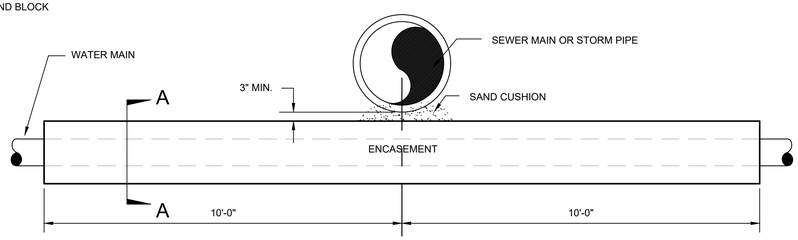
BACKFLOW PREVENTER & FDC

NOT TO SCALE



FLUSHING HYDRANT DETAIL

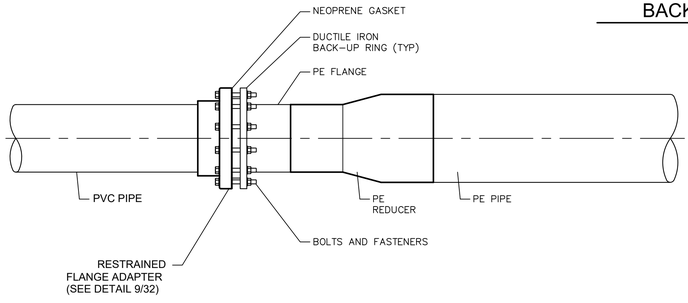
SCALE : 3/4" = 1'-0"



NOTE: FOR POTABLE WATER LINE CROSSING, 1-1/2" DIAMETER AND LARGER, WATER MAIN SHALL BE LOCATED ABOVE OR BELOW ENCASEMENT AS SHOWN ON PLANS OR AS DETERMINED IN THE FIELD. USE ENCASEMENT WHERE VERTICAL CLEARANCE BETWEEN WATER MAIN AND SEWER IS LESS THAN 18".

ENCASEMENT AT WATER LINE DETAIL

SCALE: 1/2" = 1'-0"



PE TO PVC FLANGE CONNECTION DETAIL

NOT TO SCALE
(SEE UTILITY PLANS FOR SIZES OF PIPES AND FITTINGS)

GENERAL NOTES :

1. The contractor shall be responsible for obtaining bacteriological examina-tions on all new water mains (as required by and to the satisfaction of) the Department of Health and Rehabilitative Services. These requirements necessitate a satisfactory sample at each sample location for two consec-utive days. If the examination is by persons other than the local health department, then the contractor shall be responsible for delivering the lab-oratory reports to the engineer for submittal to the State Department of Environmental Protection (D.E.P.).

2. Installation of water mains and services shall comply with all governing authorities.

3. The contractor shall verify all field dimensions and report any discrepancies prior to commencing work.

4. All pipes shall be P.V.C. unless otherwise noted or required. All mains to be marked with No. 14 insulated copper tracer wire to facilitate their locations.

5. The contractor shall provide a minimum of 36" of cover over water mains within paved and unpaved areas.

REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

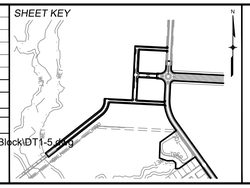
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COMPUTER FILE MANAGEMENT

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CTB FILE: MATCH.CTB
PLOT DATE: March 17, 2026 4:20:53 PM

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SHEET KEY



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Ruckel Properties, Inc. REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

Matrix Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

SEAL

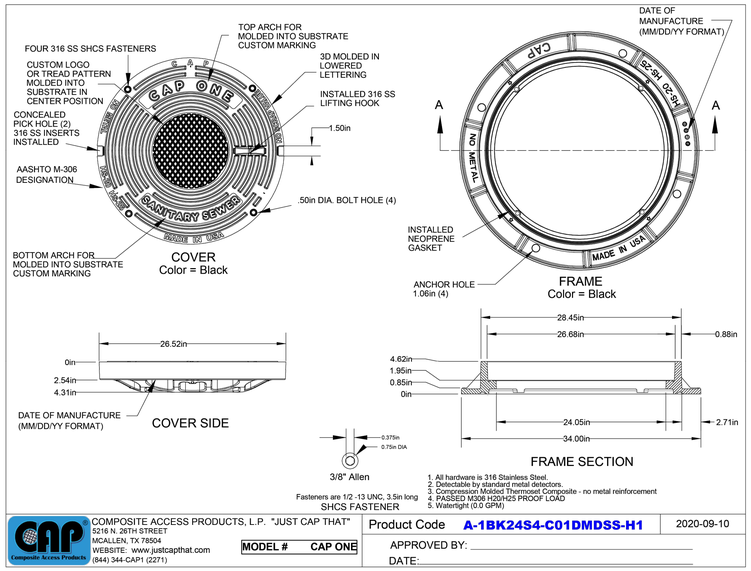
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

WATER DETAILS

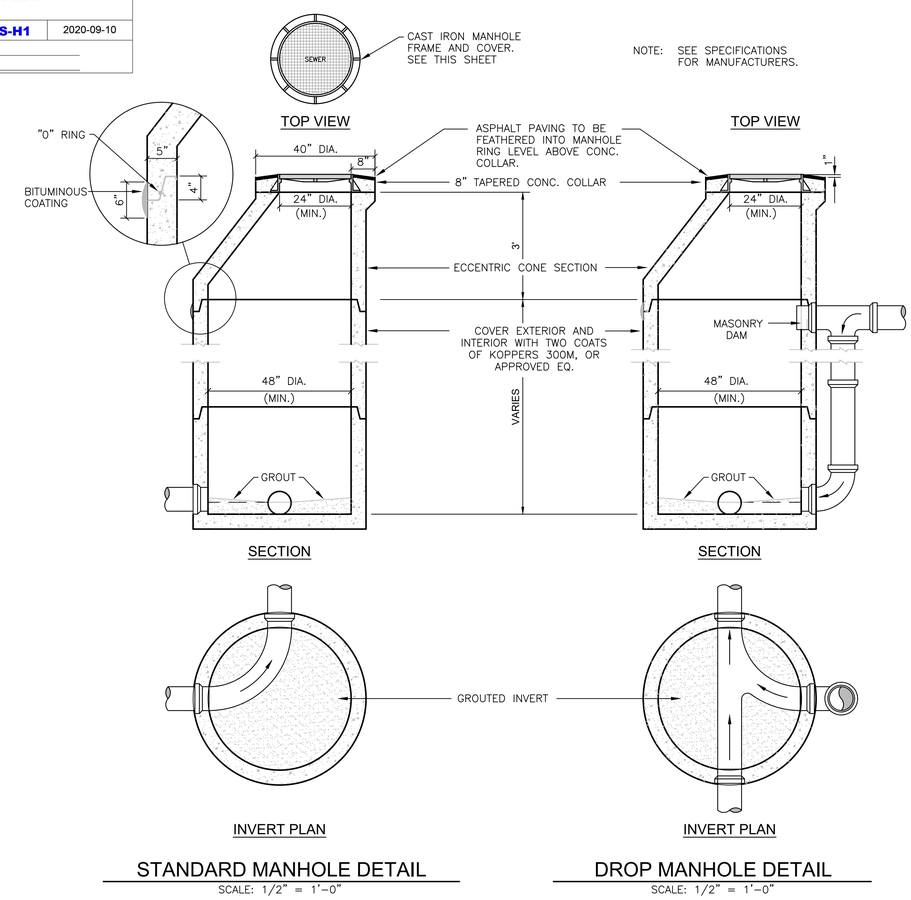
DESIGNED BY:	JK	SCALE		DATE ISSUED:	MAR 2026
DRAWN BY:	EG	HORIZ.	N/A	SHEET	38 OF 57
CHECKED BY:	MJ	VERT.	N/A	DRAWING No.	DT06



COMPOSITE ACCESS PRODUCTS, L.P. "JUST CAP THAT" 5216 N. 26TH STREET MCALLEN, TX 78504 WEBSITE: www.justcapthat.com (844) 344-CAP1 (2271)	Product Code **A-1BK24S4-C01DMDSS-H1**	2020-09-10
MODEL # **CAP ONE**	APPROVED BY: _____ DATE: _____	

GENERAL NOTES :

1. ALL CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I. UNLESS OTHERWISE NOTED.
2. PROVIDE MANHOLE STEPS FOR MANHOLES WITH DEPTHS GREATER THAN 42 INCHES.
3. GROUT ALL PIPE ENTRIES AND MANHOLE INVERTS.
4. INVERT GROUTING TO BE UNIFORM AND SMOOTH - SLOPED TO CENTER-LINE OF PIPE.



NOTE: SEE SPECIFICATIONS FOR MANUFACTURERS.

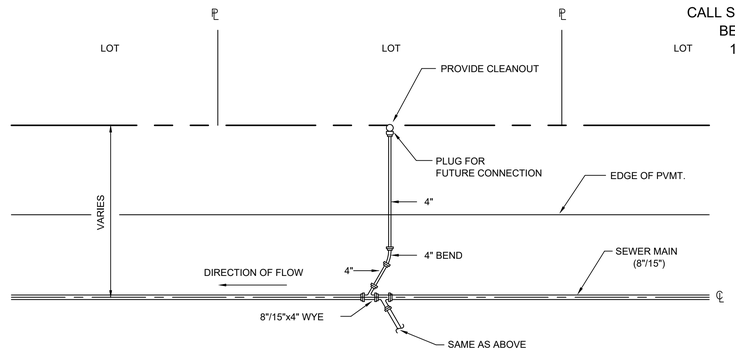
STANDARD MANHOLE DETAIL

SCALE: 1/2" = 1'-0"

DROP MANHOLE DETAIL

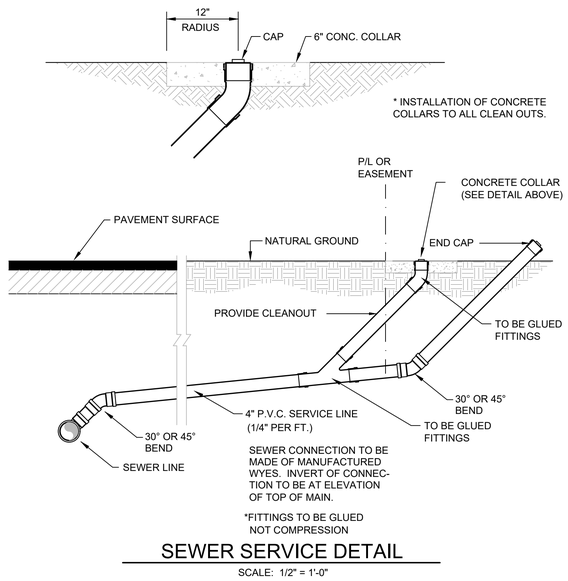
SCALE: 1/2" = 1'-0"

NOTE: SEE SPECIFICATIONS FOR MANUFACTURERS



SINGLE SANITARY SEWER SERVICE CONNECTION PLAN

SCALE: 1" = 10'



SEWER SERVICE DETAIL

SCALE: 1/2" = 1'-0"

UTILITY SEPARATION REQUIREMENT:

NO OTHER UTILITY SHALL HAVE ANYTHING INSTALLED WITHIN A SEPARATION ZONE AROUND A CITY UTILITY MAIN OR SERVICE LINE. THIS SEPARATION ZONE IS DESCRIBED AS A BOX WITH THE BOTTOM BEING 12 INCHES BELOW THE OUTSIDE OF THE CITY UTILITY, THE SIDES BEING VERTICAL AND LOCATED A DISTANCE FROM THE CENTERLINE OF THE UTILITY PIPE EQUAL TO HALF THE OUTSIDE DIAMETER OF THE CITY UTILITY PIPE PLUS 26 INCHES, AND THE TOP BEING 12 INCHES ABOVE THE FINISH GRADE OF THE GROUND SURFACE OVER THE UTILITY PIPE. THE ITEMS PROHIBITED IN THIS ZONE INCLUDE (BUT ARE NOT LIMITED TO) PIPE, CONDUIT, WIRE, CABLE, PAD-MOUNTED ELECTRIC TRANSFORMERS (INCLUDING PADS), UTILITY POLES, SERVICE PEDESTALS, SPLICE BOXES, PULL BOXES OR SIMILAR BOXES OR PEDESTALS.

IT IS THE RESPONSIBILITY OF THE UTILITY CONTRACTOR/DEVELOPER TO MOVE ANY UTILITY SERVICES, STRUCTURES OR STUB OUTS THAT CONFLICT WITH DRIVEWAYS OR SIDEWALKS, AND/OR DOES NOT ADHERE TO THE SEPARATION REQUIREMENT AS STATED.

CALL SUNSHINE 48 HOURS
BEFORE YOU DIG
1-800-432-4770
DIG SAFELY

REFERENCE DRAWINGS

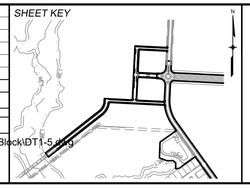
No.	DATE	DESCRIPTION	BY

REVISIONS

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SHEET KEY



PREPARED FOR:
Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:
Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SANITARY SEWER DETAILS

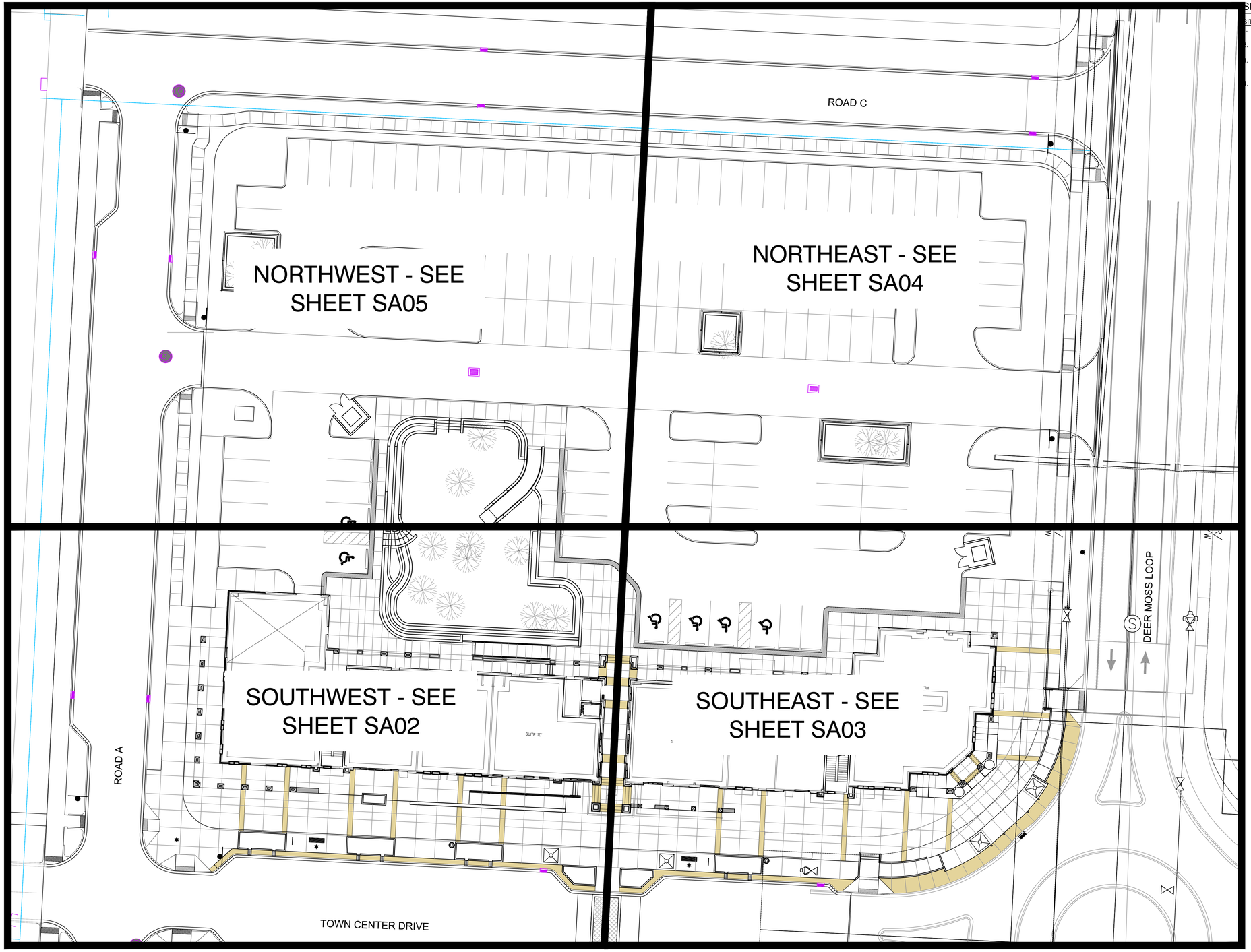
DESIGNED BY:	JK	SCALE		DATE ISSUED: MAR 2026	DRAWING No.
DRAWN BY:	EG	HORIZ.	N/A		
CHECKED BY:	MJ	VERT.	N/A	SHEET 39 OF 57	DT07

SITE AMENITY NOTES

SITE FURNISHINGS:

1. REF. SITE AMENITY PLANS AND DETAILS FOR SITE FURNITURE QUANTITIES, DESCRIPTIONS, AND DETAILS.
2. LOCATE ALL FURNITURE ON SITE FOR REVIEW BY THE PROJECT MANAGER PRIOR TO INSTALLATION.
3. ALL SITE FURNISHINGS SHALL BE SET PLUMB AND LEVEL AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
4. PRIOR TO COMPLETION OF PROJECT, CLEAN ALL SITE FURNISHINGS TO REMOVE ANY DUST, DIRT, OR DEBRIS. PROVIDE A CLEAN FACTORY FINISH AT TIME OF SUBSTANTIAL COMPLETION.

CALL SUNSHINE 48 HOURS
BEFORE YOU DIG
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DIG SAFELY



N

20 0 20 40
SCALE IN FEET
ORIGINAL SCALE

REFERENCE DRAWINGS

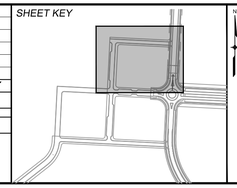
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Phone: 850-678-2223

PREPARED BY:

Matrix
Excellence by Design

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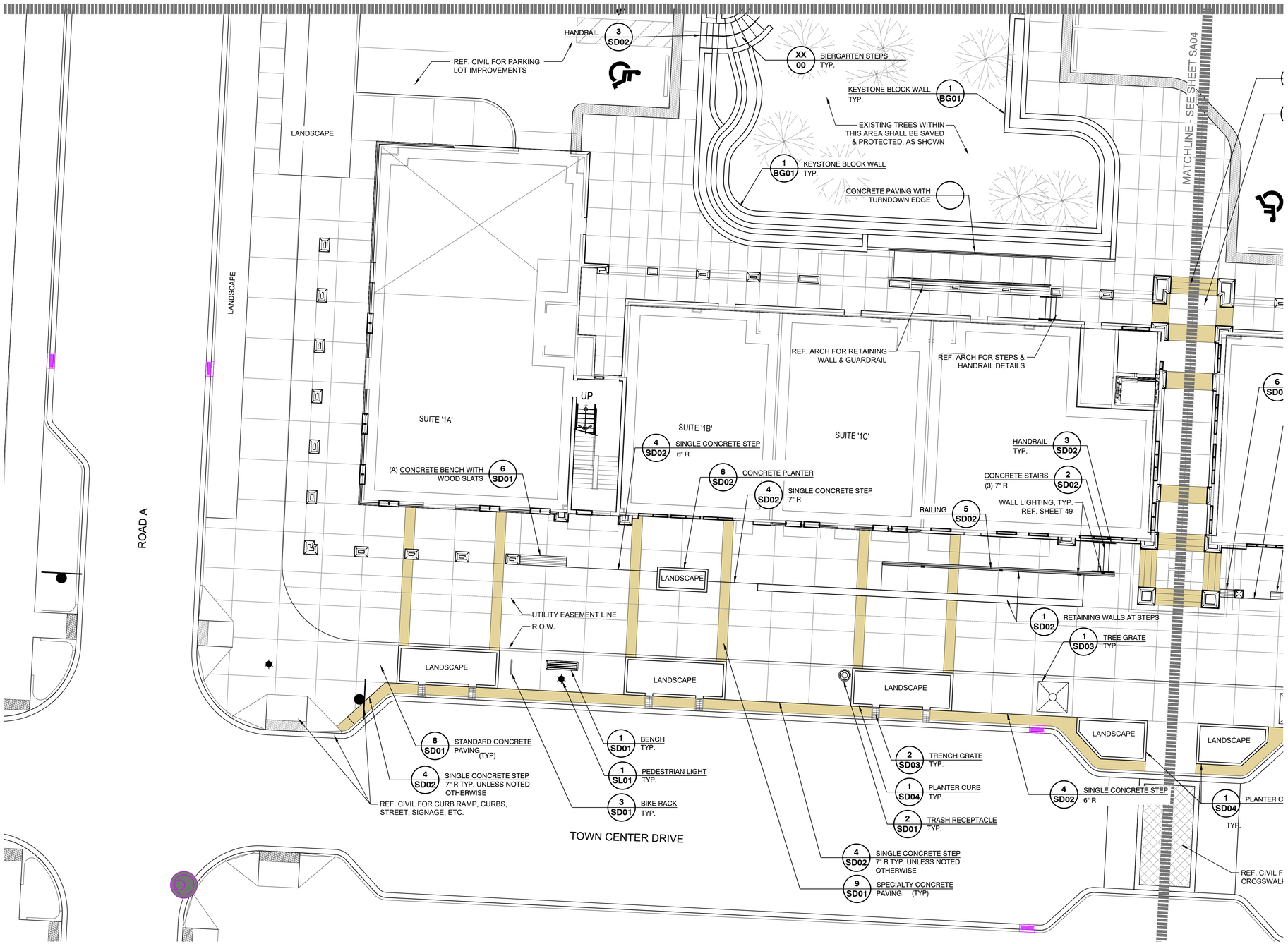
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

OVERALL SITE AMENITY PLAN

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	40 OF 57	SA01
CHECKED BY:	TK	VERT.			

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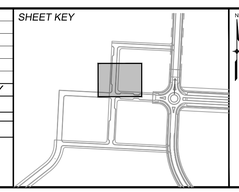
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Phone: 850-678-2223

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PROJECT No. 22.765.009

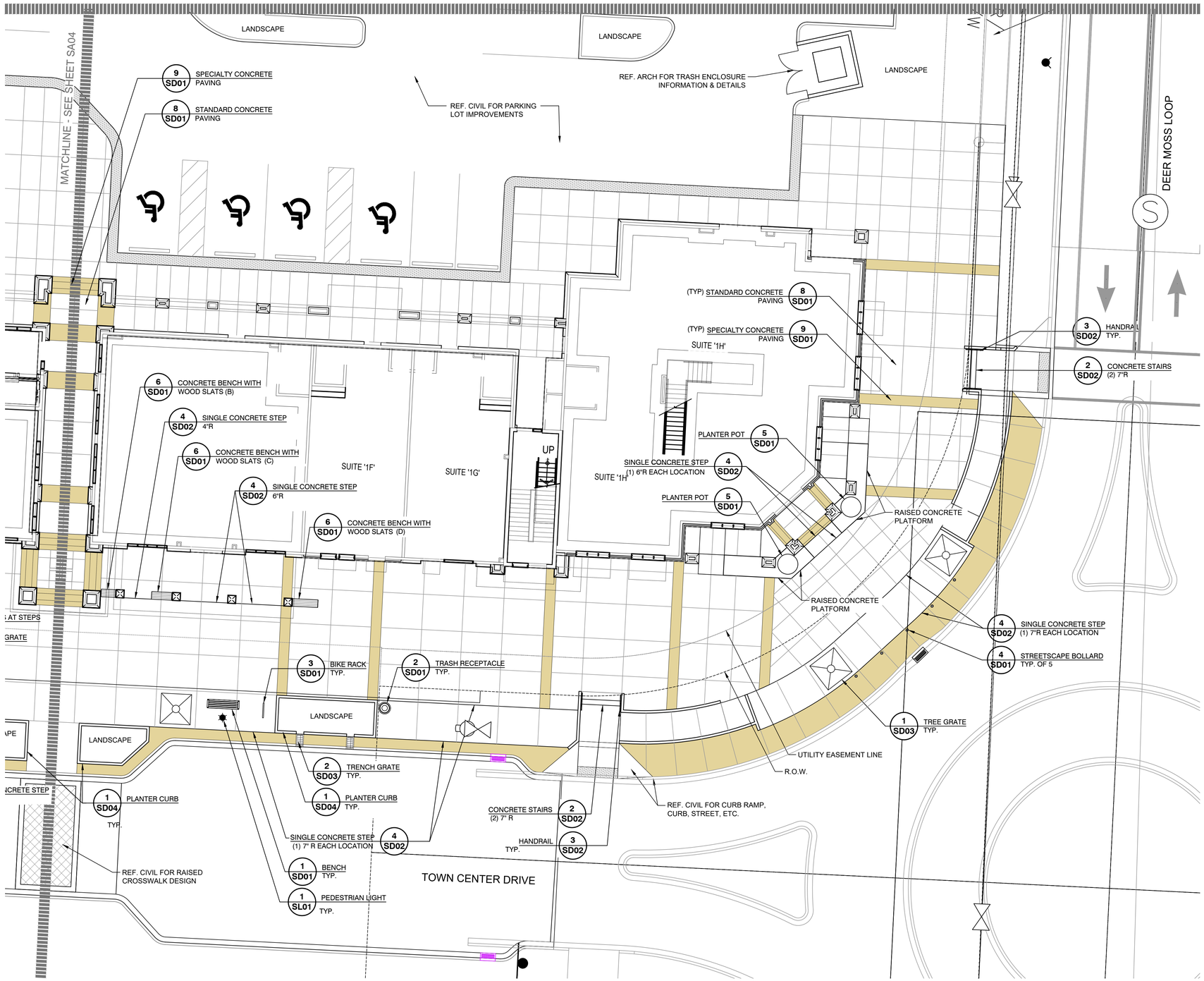
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY PLAN - SOUTHWEST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	41 OF 57	SA02
CHECKED BY:	TK	VERT.			

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ORIGINAL SCALE

REFERENCE DRAWINGS

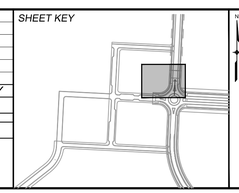
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Niceville, FL 32578
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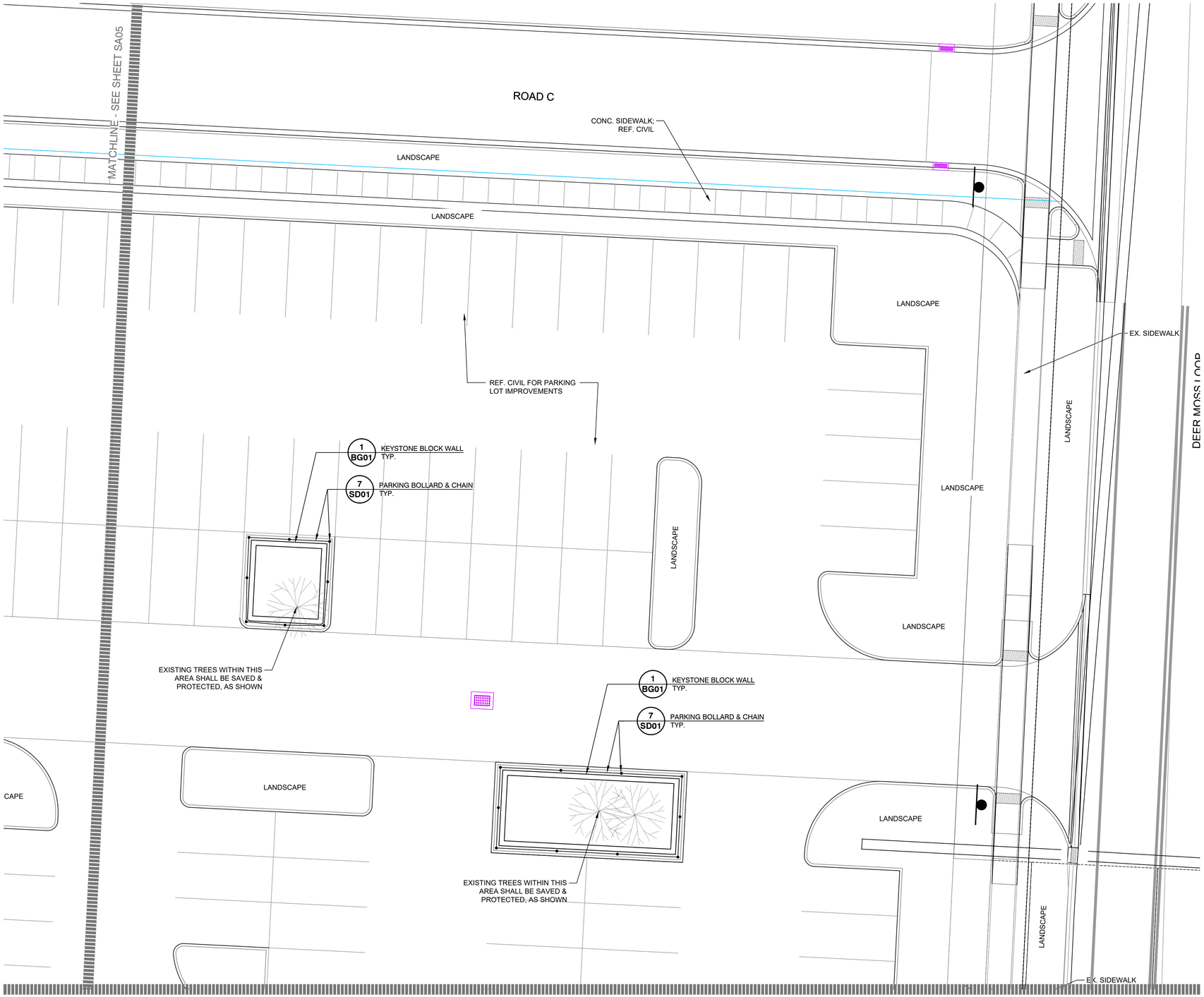
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY PLAN - SOUTHEAST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	42 OF 57	SA03
CHECKED BY:	TK	VERT.			

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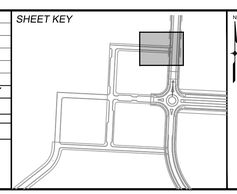
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CTB FILE: Matrix.ctb
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PREPARED FOR:

Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT

1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

Matrix
Excellence by Design

320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

SEAL

FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY PLAN - NORTHEAST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	43 OF 57	SA04
CHECKED BY:	TK	VERT.			

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ROAD C

CONC. SIDEWALK; REF. CIVIL

LANDSCAPE

LANDSCAPE

LANDSCAPE

MATCHLINE - SEE SHEET SA05

1 BG01 KEYSTONE BLOCK WALL TYP.

7 SD01 PARKING BOLLARD & CHAIN TYP.

LANDSCAPE

CONC. SIDEWALK; REF. CIVIL

ROAD A

EXISTING TREES WITHIN THIS AREA SHALL BE SAVED & PROTECTED, AS SHOWN

LANDSCAPE

1 BG01 KEYSTONE BLOCK WALL TYP.

7 SD01 PARKING BOLLARD & CHAIN TYP.

EXISTING TREES WITHIN THIS AREA SHALL BE SAVED & PROTECTED, AS SHOWN

LANDSCAPE

REF. CIVIL FOR PARKING LOT IMPROVEMENTS

REF. ARCH FOR TRASH ENCLOSURE INFORMATION & DETAILS

XX 00 BIERGARTEN STEPS TYP.

3 SD02 HANDRAIL

LANDSCAPE

POTENTIAL TRANSFORMER LOCATION

LANDSCAPE

LANDSCAPE

1 BG01 KEYSTONE BLOCK WALL TYP.

HANDRAIL 3 SD02

EXISTING TREES WITHIN THIS AREA SHALL BE SAVED & PROTECTED, AS SHOWN

MATCHLINE - SEE SHEET SA02

N

10 0 10 20

SCALE IN FEET
ORIGINAL SCALE

REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

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RPI Ruckel Properties, Inc. REAL ESTATE & DEVELOPMENT

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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY PLAN - NORTHWEST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	44 OF 57	SA05
CHECKED BY:	TK	VERT.			

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DIG SAFELY

NOTES:
1. THOMAS STEELE: 1-800-448-7931, www.thomas-steele.com
2. WALDEN CIRCLE ARM BENCH, WDFC-6-ERB-P
3. 6 FT LENGTH, FLAT
4. SEAT MATERIAL: EMBOSSED RECYCLED PLASTIC BIRCHWOOD
5. METAL FINISH: POWDER-COATED E-STEELE, COLOR: PLATINUM
6. INSTALL PER MANUFACTURER'S SPECIFICATIONS
7. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION



1 BENCH
NTS MD-DM-01

NOTES:
1. THOMAS STEELE: 1-800-448-7931, www.thomas-steele.com
2. LANGDON TRASH RECEPTACLE, LATR-32-ERB-P
3. FLAT LID, LID-F-P
4. 32 GALLON
5. MATERIAL: EMBOSSED RECYCLED PLASTIC BIRCHWOOD
6. METAL FINISH: POWDER-COATED E-STEELE, COLOR: PLATINUM
7. INSTALL PER MANUFACTURER'S SPECIFICATIONS
8. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION



2 TRASH RECEPTACLE
NTS MD-DM-02

NOTES:
1. THOMAS STEELE: 1-800-448-7931, www.thomas-steele.com
2. ORION™ BIKE RACK, ORN-2-SF-P
3. SURFACE MOUNTED
4. METAL FINISH: POWDER-COATED E-STEELE, COLOR: PLATINUM
5. INSTALL PER MANUFACTURER'S SPECIFICATIONS
6. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION



3 BIKE RACK
NTS MD-DM-03

NOTES:
1. TOURNESOL SITEWORKS: 1-800-542-2282, www.tournesol.com
2. B-4 BOLLARD, #B-42200-40-4206
   - SPHERE TOP, 6" DIA, SCHEDULE 40, TWO REVEALS, SURFACE MOUNT, 42" HT
3. COLOR: BLACK
4. INSTALL PER MANUFACTURER'S SPECIFICATIONS
5. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION

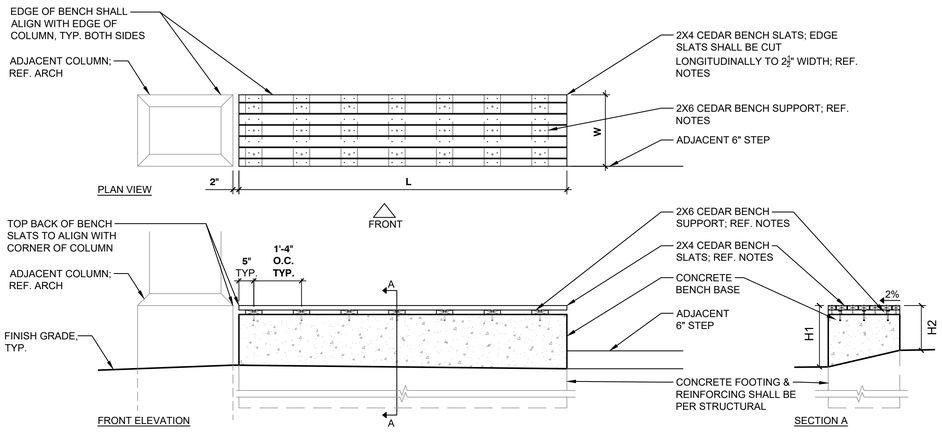


4 STREETSCAPE BOLLARD
NTS MD-DM-06

NOTES:
1. TOURNESOL SITEWORKS: 1-800-542-2282, www.tournesol.com
2. ZENA LOW BOWL GFRC, #ZCS-4818
   - 48" DIA, 18" HT, WITH DRAINAGE HOLES
3. COLOR SHALL COORDINATE WITH BUILDING AND SHALL BE SELECTED BY LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT
4. REF. LANDSCAPE PLAN FOR PLANTS IN POT, SHEET LS04.
5. SOIL IN PLANTER POTS SHALL BE HIGH QUALITY, WELL-DRAINING POTTING SOIL MIX.
6. PLANTER POTS SHALL HAVE 2" DEPTH SHRUB BED MULCH. REF. NOTES, SHEET LS02.
7. INSTALL PER MANUFACTURER'S SPECIFICATIONS
8. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION



5 PLANTER POT
NTS MD-DM-07



6 CONCRETE BENCH WITH WOOD SLATS
1/2" = 1'-0" MD-DM-16

NOTES:
1. FOR BENCH A, TOP BACK OF BENCH SLATS SHALL ALIGN WITH CORNER OF ADJACENT COLUMN, AS SHOWN. DIMENSIONS ARE SHOWN IN CHART BELOW.
2. FOR BENCH B, TOP BACK OF BENCH SLATS SHALL BE AT ELEVATION 64.25 WITH DIMENSIONS AS SHOWN IN CHART BELOW.
3. BENCHES SHALL ALIGN FRONT AND BACK WITH EDGES OF ADJACENT COLUMN.
4. PROVIDE 2% SLOPE TO DRAIN ACROSS TOP OF CONCRETE BENCH BASE AND TOP OF BENCH SLATS.
5. CEDAR BENCH SUPPORTS (2X6) SHALL BE ATTACHED TO CONCRETE BENCH BASE WITH 3⅜"L CARRIAGE BOLTS CAST INTO CONCRETE AND COUNTERSUNK. 3 PER SUPPORT.
6. CEDAR BENCH SLATS (2X4) SHALL BE ATTACHED TO CEDAR BENCH SUPPORTS WITH MIN. 2½"L SCREWS, COUNTERSUNK AND FILLED TO MATCH BENCH. 2 PER SLAT AT EACH SUPPORT.
7. PROVIDE ¼" GAP BETWEEN SLATS.
8. CONCRETE BENCH BASE SHALL HAVE REINFORCING, PER STRUCTURAL.
9. CONCRETE FOOTING AND REINFORCING SHALL BE PER STRUCTURAL.
10. ALL EXPOSED EDGES OF WOOD MEMBERS SHALL BE SANDED SMOOTH.
11. FINISH OF WOOD MEMBERS SHALL BE BENJAMIN MOORE ARBORCOAT; COLOR TO BE SELECTED BY OWNER PRIOR TO CONSTRUCTION.
12. APPLY CONCRETE SEALER TO CONCRETE BENCH BASE PRIOR TO INSTALLING WOOD BENCH SUPPORTS.
13. CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
14. REF. CHART BELOW FOR VALUES OF 'W', 'L', 'H1' AND 'H2' FOR BENCHES A AND B, AS IDENTIFIED ON PLAN. THE HEIGHTS (H1 & H2) SHOWN BELOW ARE DEPENDENT ON ADJACENT FINISH GRADE AND MAY ADJUST AS NECESSARY TO MAINTAIN A CONSISTENT TOP ELEVATION.

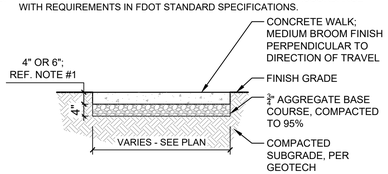
	BENCH A	BENCH B	BENCH C	BENCH D
W	2'-0"	1'-6"	1'-6"	1'-6"
L	9'-2"	2'-10"	4'-0"	5'-0"
TOP ELEV	66.18	64.25	64.25	64.25
H1	VARIES 1'-8" TO 1'-9 3/16"	VARIES 1'-6 3/4" TO 1'-8"	VARIES 1'-9 1/4" TO 1'-10 5/16"	VARIES 1'-6 3/4" TO 1'-9 1/2"
H2	VARIES 1'-2 3/4" TO 1'-3 3/8"	VARIES 1'-5" TO 1'-6 1/4"	VARIES 1'-4 1/4" TO 1'-5"	VARIES 1'-6 3/8" TO 1'-5"

NOTES:
1. CROWD CONTROL WAREHOUSE: 1-877-885-1600, www.crowdcontrolwarehouse.com
2. NEWPORT DIAMETER BOLLARD WITH 2 CHAIN LOOPS, #CCW-32-021-00142, OR EQ.
   - 6" DIA, 3' HT, DIRECT BURY MOUNT
3. COLOR: BLACK
4. INSTALL PER MANUFACTURER'S SPECIFICATIONS
5. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION
6. PROVIDE HEAVY DUTY CHAIN BETWEEN BOLLARDS AS SHOWN ON PLAN. COLOR: BLACK

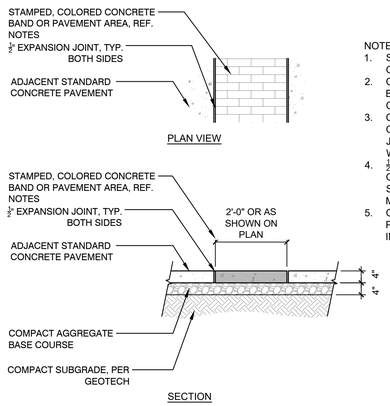


7 PARKING BOLLARD & CHAIN
NTS MD-DM-22

NOTES:
1. DEPTH OF CONCRETE SHALL BE AS PER FDOT CONCRETE SIDEWALK DETAIL 522-001; 4" DEPTH EXCEPT AT DRIVEWAYS AND SIDEWALKS LOCATED WITHIN CURB RETURNS (6" DEPTH)
2. PROVIDE EXPANSION JOINTS PER FDOT CONCRETE SIDEWALK DETAIL 522-001, OR AS DIRECTED BY THE PROJECT ENGINEER.
3. PROVIDE TOOLED CONTROL JOINTS, 1/3 DEPTH OF CONCRETE, AS SHOWN ON PLANS. TO LIMIT SIDEWALK CRACKING, ADJUST LAYOUT OF SCORE JOINTS AS NEEDED TO ALIGN WITH CORNERS OF PLANTERS, SPECIALTY PAVING, DRIVEWAYS, RAMPS, FOOTINGS, COLUMNS, CENTER POINT OF POSTS, ETC.
4. CONTRACTOR SHALL SUBMIT JOINT LOCATION PLAN FOR APPROVAL PRIOR TO CONSTRUCTION. ALL JOINTS OF ANY TYPE SHALL BE INCLUDED ON THIS PLAN.
5. CONCRETE SIDEWALK PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS IN FDOT STANDARD SPECIFICATIONS.



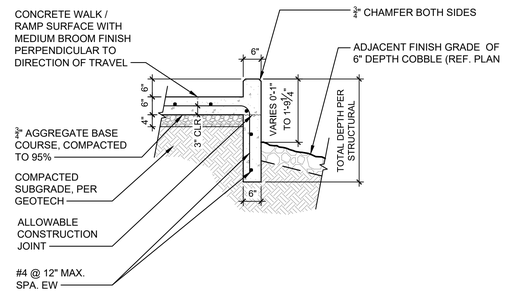
8 STANDARD CONCRETE PAVING
NTS MD-DM-08



NOTES:
1. STAMP DESIGN SHALL BE BRICK, RUNNING BOND PARALLEL TO FACE OF BUILDING.
2. COLOR OF CONCRETE PAVING SHALL BE COORDINATED WITH BUILDING DESIGN AND SHALL BE SELECTED BY OWNER PRIOR TO CONSTRUCTION.
3. CONTROL JOINTS SHALL BE PLACED 8' O.C., TO A DEPTH OF ONE-QUARTER OF THE SLAB THICKNESS. CONTRACTOR SHALL HIDE JOINTS BY INTEGRATING THEM INTO THE PATTERN LINES WHEREVER POSSIBLE.
4. ½" EXPANSION JOINTS WITH CAULK SHALL BE INSTALLED BOTH SIDES OF BAND BETWEEN ADJACENT STANDARD CONCRETE PAVING AND STAMPED CONCRETE BAND, OR WHERE SPECIALTY CONCRETE MEETS ANY VERTICAL ELEMENT OR STANDARD CONCRETE PAVING.
5. CONTRACTOR SHALL SUBMIT JOINT LOCATION PLAN FOR APPROVAL PRIOR TO CONSTRUCTION. ALL JOINTS OF ANY TYPE SHALL BE INCLUDED ON THIS PLAN.

9 SPECIALTY CONCRETE PAVING
1/2" = 1'-0" MD-DM-17

NOTES:
1. PROVIDE EXPANSION JOINTS PER FDOT CONCRETE SIDEWALK DETAIL 522-001, OR AS DIRECTED BY THE PROJECT ENGINEER.
2. PROVIDE TOOLED CONTROL JOINTS, 1/3 DEPTH OF CONCRETE, AS SHOWN ON PLANS. TO LIMIT SIDEWALK CRACKING, ADJUST LAYOUT OF SCORE JOINTS AS NEEDED TO ALIGN WITH CORNERS OF PLANTERS, SPECIALTY PAVING, DRIVEWAYS, RAMPS, FOOTINGS, COLUMNS, CENTER POINT OF POSTS, ETC.
3. CONTRACTOR SHALL SUBMIT JOINT LOCATION PLAN FOR APPROVAL PRIOR TO CONSTRUCTION. ALL JOINTS OF ANY TYPE SHALL BE INCLUDED ON THIS PLAN.
4. CONCRETE SIDEWALK PAVING SHALL BE CONSTRUCTED IN ACCORDANCE WITH REQUIREMENTS IN FDOT STANDARD SPECIFICATIONS.



10 CONCRETE PAVING WITH TURNDOWN EDGE
1/2" = 1'-0" MD-DM-35

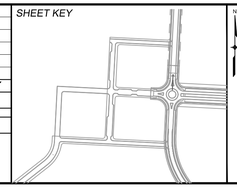
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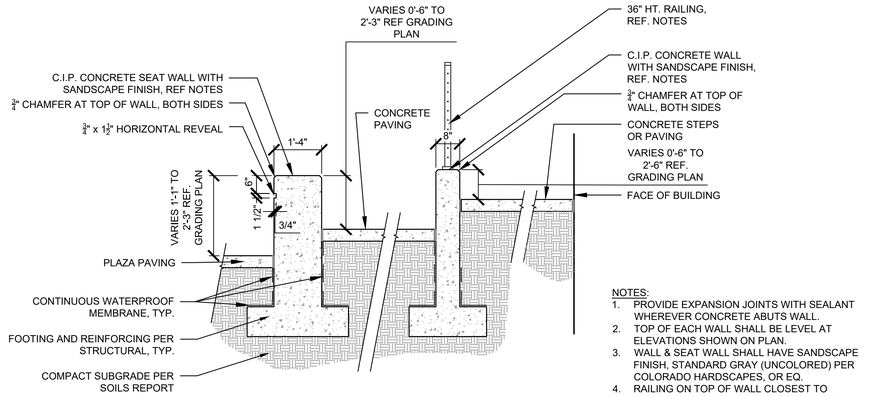
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY DETAILS 1

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	45 OF 57	SD01
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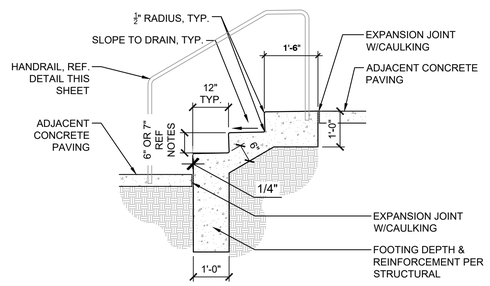


NOTES:
1. PROVIDE EXPANSION JOINTS WITH SEALANT WHEREVER CONCRETE ABUTS WALL.
2. TOP OF EACH WALL SHALL BE LEVEL AT ELEVATIONS SHOWN ON PLAN.
3. WALL & SEAT WALL SHALL HAVE SANDSCAPE FINISH, STANDARD GRAY (UNCOLORED) PER COLORADO HARDSCAPES, OR EQ.
4. RAILING ON TOP OF WALL CLOSEST TO BUILDING SHALL BE 36" HT. VIEWRAIL PER DETAIL 5., THIS SHEET

1 RETAINING WALLS AT STEPS

1/2" = 1'-0" MD-DM-20

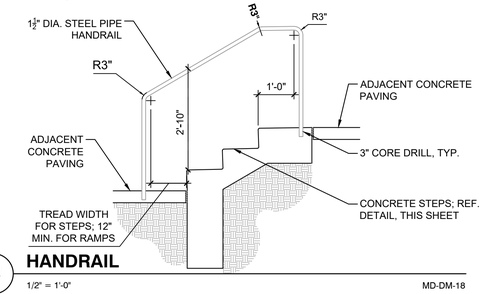
NOTES:
1. CONCRETE STEPS SHALL HAVE RISERS OF EITHER 6" OR 7"; REF. SITE AMENITY PLANS FOR LOCATION OF EACH.
2. CONCRETE STEPS SHALL HAVE EITHER 2 OR 3 RISERS; REF. SITE AMENITY PLANS FOR LOCATION OF EACH.
3. CONTRACTOR TO FIELD VERIFY FINISH GRADE ELEVATIONS ADJACENT TO STEPS AND ADJUST IF NECESSARY, UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
4. REINFORCEMENT SHALL BE PER STRUCTURAL.
5. FOOTING DESIGN SHALL BE PER STRUCTURAL.



2 CONCRETE STAIRS

1/2" = 1'-0" MD-DM-19

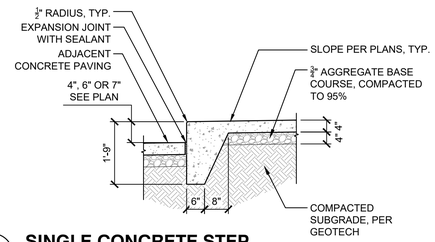
NOTES:
1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.
2. PIPE FINISH SHALL BE PER OWNER OR ARCHITECT.
3. HANDRAIL SURFACE SHALL BE SMOOTH AND FREE OF SHARP, ABRASIVE, OR COMPLEX ELEMENTS, WITH ROUNDED EDGES.
4. PROVIDE 1½" GAP BETWEEN HANDRAIL AND ANY VERTICAL SURFACE (BUILDING, RETAINING WALL, ETC.)
5. WHERE A SINGLE STEP (ONE RISER) IS LOCATED, NO HANDRAIL IS NEEDED.
6. WHERE STEPS WITH TWO RISERS OR MORE THAN THREE RISERS ARE LOCATED, HANDRAIL SHALL BE SHORTER OR LONGER AS NEEDED, MAINTAINING REQUIRED DISTANCES AT TOP AND BOTTOM OF STEPS.
7. PROVIDE HANDRAIL ON BOTH SIDES OF STEPS OR RAMPS, AS SHOWN ON PLAN, WITH THE EXCEPTION OF THE KEYSTONE STEPS IN THE BIERGARTEN AREA. STEPS IN BIERGARTEN AREA SHALL HAVE ONE HANDRAIL LOCATED AT CENTERLINE OF STEPS.
8. WHERE HANDRAIL IS LOCATED ON RAMPS:
   - PROVIDE EXTENSIONS AS SHOWN BELOW AT TOP AND BOTTOM OF RAMP.
   - PROVIDE 1½" VERTICAL POSTS EQUALLY SPACED, 6' O.C. MAX.



3 HANDRAIL

1/2" = 1'-0" MD-DM-18

NOTES:
1. MEDIUM BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAVEL, TO MATCH ADJACENT CONCRETE WALK.
2. PROVIDE EXPANSION JOINTS AND TOOLED CONTROL JOINTS PER STANDARD CONCRETE PAVING DETAIL.
3. CONTRACTOR TO FIELD VERIFY FINISH GRADE ELEVATIONS ADJACENT TO STEPS AND ADJUST IF NECESSARY, UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
4. REINFORCEMENT SHALL BE PER STRUCTURAL.



4 SINGLE CONCRETE STEP

1/2" = 1'-0" MD-DM-26

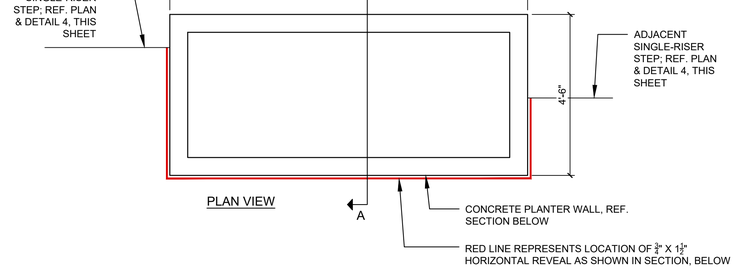


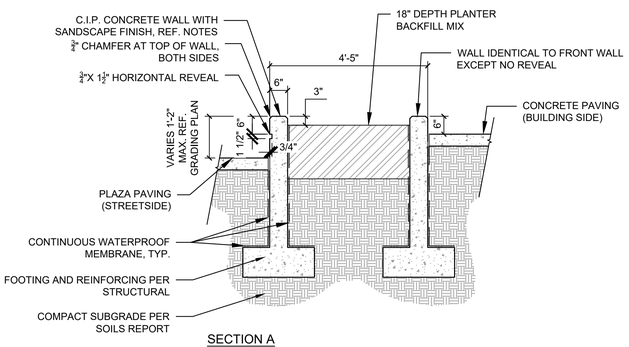
RAILING SHALL BE:
- 36" HT SIGNATURE ROD RAILING FROM VIEWRAIL, OR EQ
  VIEWRAIL.COM
  GOSHEN, IN
  866-261-8013
- COLOR: PLATINUM POWDERCOAT TO MATCH BIKE RACKS (CUSTOM COLOR) OR POLISHED SILVER (STANDARD COLOR)
- SURFACE MOUNT
- 304 STAINLESS STEEL
- STANDARD QUICK SLIDE EXTERIOR HANDRAIL
- HORIZONTAL RODS SHALL BE ¼" STAINLESS STEEL RODS

5 RAILING

NTS MD-DM-34

NOTES:
1. PROVIDE EXPANSION JOINTS WITH SEALANT WHEREVER CONCRETE ABUTS WALL.
2. TOP OF ALL WALLS SHALL BE LEVEL AT ELEVATION SHOWN ON PLAN.
3. PROVIDE ¾" X 1½" REVEAL 6" BELOW TOP OF WALL IN LOCATIONS SHOWN ON PLAN VIEW. ALL WALLS TO HAVE ¾" CHAMFER BOTH SIDES AT TOP, AS SHOWN.
4. CONCRETE PLANTER SHALL HAVE SANDSCAPE FINISH, STANDARD GRAY (UNCOLORED) PER COLORADO HARDSCAPES, OR EQ.





SECTION A

6 CONCRETE PLANTER

1/2" = 1'-0" MD-DM-21

REFERENCE DRAWINGS

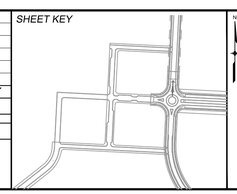
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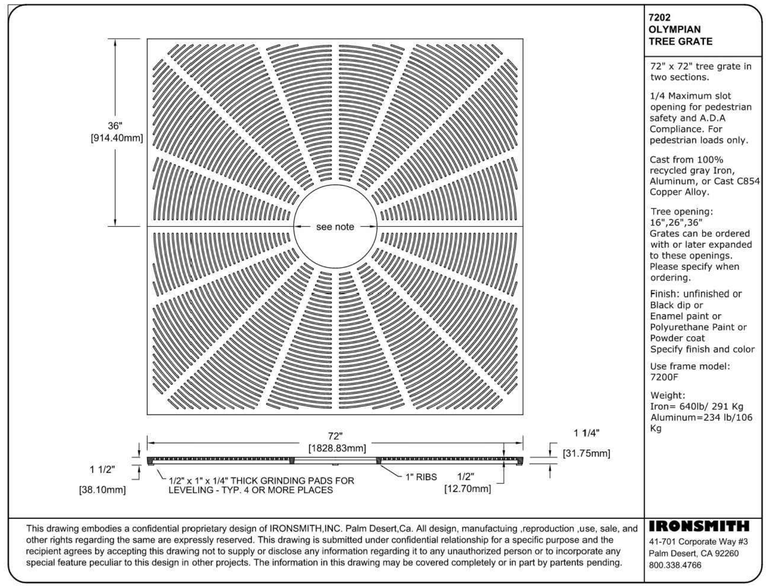
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY DETAILS 2

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No
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CHECKED BY:	TK	VERT.			

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7202
OLYMPIAN
TREE GRATE

72" x 72" tree grate in two sections.

1/4 Maximum slot opening for pedestrian safety and A.D.A Compliance. For pedestrian loads only.

Cast from 100% recycled gray Iron, Aluminum, or Cast C854 Copper Alloy.

Tree opening:
16",26",36"
Grates can be ordered with or later expanded to these openings. Please specify when ordering.

Finish: unfinished or
Black dip or
Enamel paint or
Polyurethane Paint or
Powder coat
Specify finish and color

Use frame model:
7200F

Weight:
Iron= 640lb/ 291 Kg
Aluminum=234 lb/106 Kg

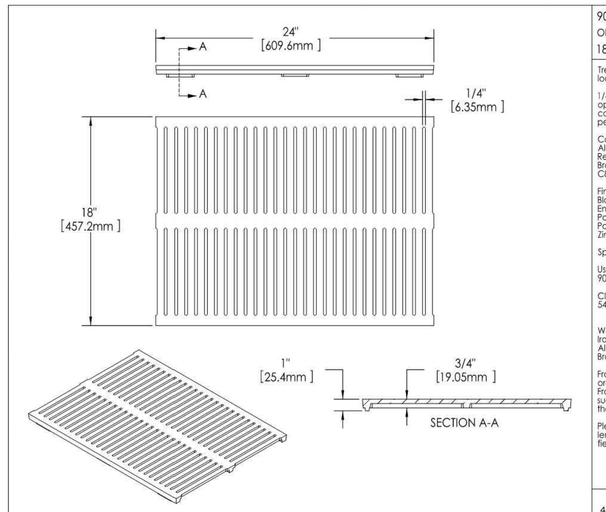
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IRONSMITH
41-701 Corporate Way #3
Palm Desert, CA 92260
800.338.4766

NOTES:
1. FINISH: TBD
2. TREE OPENING SIZE: TBD
3. INSTALL PER MANUFACTURER'S SPECIFICATIONS

1 TREE GRATE

NTS MD-DM-04



9045-18
OLYMPIAN
18" Trench Grate

Trench Grate for Pedestrian loads only.

1/4" maximum slot opening for A.D.A. compliance and pedestrian safety.

Cast from Gray Iron, or Aluminum from 100% Recycled Materials. Or Brass alloy C854 yellow brass

Finish: Unfinished, or Black Dip, or Enamel Paint, or Polyurethane Paint, or Powder Coat. Zinc undercoat available.

Specify finish and color.

Use Frame Model: 9000F-18-X

Clear opening: 54 sq.in. /Ln.Ft.

Weight per Ln/Ft
Iron: 20lb./ 12.6 Kg.
Aluminum: 10 lb./ 4.4 Kg.
Brass: 24 Lb. 15 Kg.

Frames (sold seperately) are ordered by the Linear Foot. Frames are made in sections such that no length is greater than 7ft. or shorter than 24".

Please specify if multiple run lengths are required to avoid field modification.

DO NOT SCALE DRAWING

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IRONSMITH
41-701 Corporate Way #3
Palm Desert, CA 92260
(800) 338-4766
(760) 776-5080 Fax

NOTES:
1. FINISH: TBD (TO MATCH TREE GRATE)
2. INSTALL PER MANUFACTURER'S SPECIFICATIONS

2 TRENCH GRATE

NTS MD-DM-05

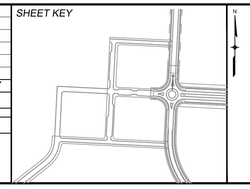
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COMPUTER FILE MANAGEMENT
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REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:
Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

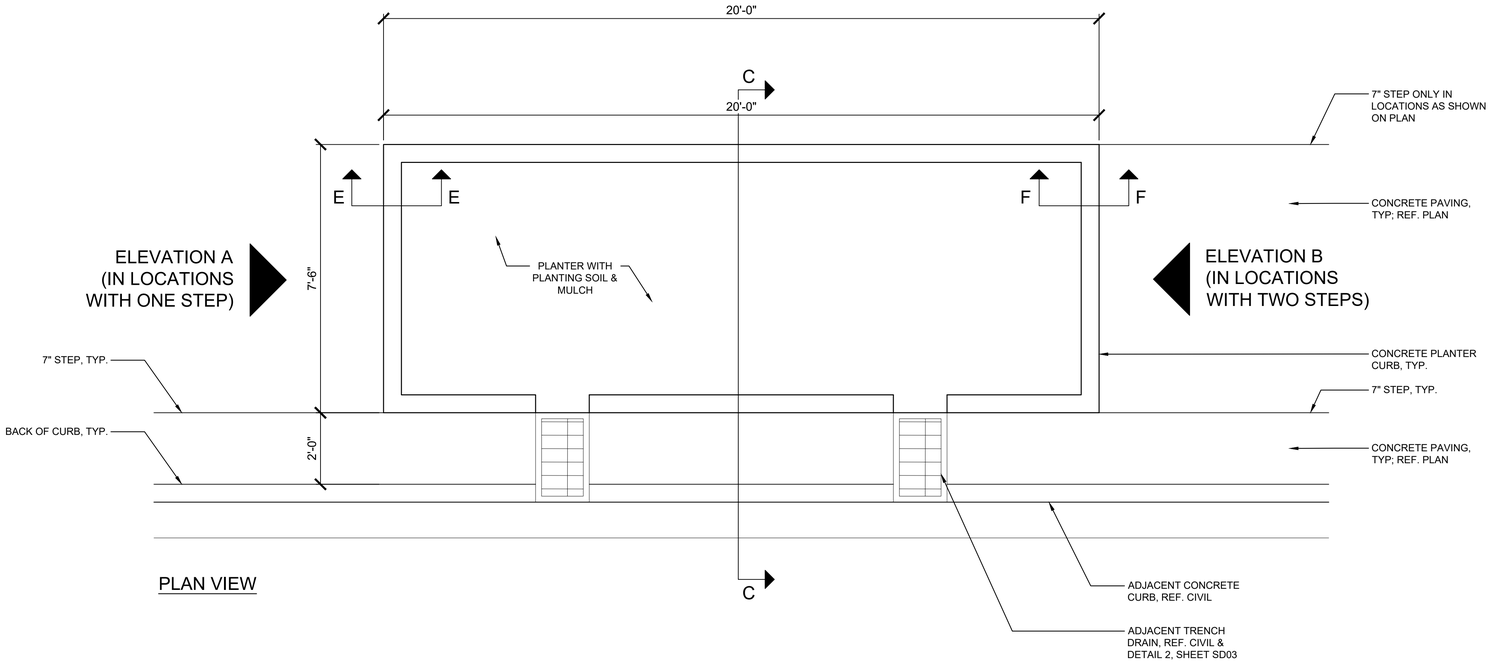
CONSTRUCTION DOCUMENTS

SITE AMENITY DETAILS 3

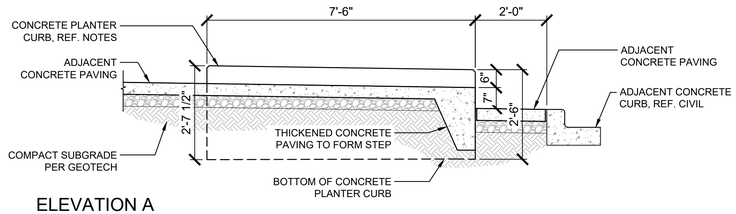
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DRAWN BY:	TF	HORIZ.		SHEET 47 OF 57	SD03
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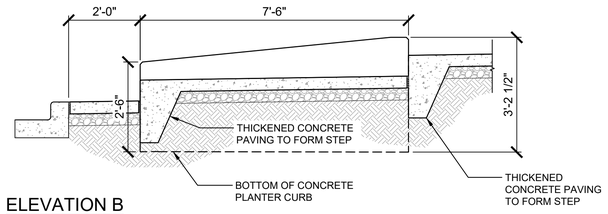
NOTES:
1. TOP OF MULCH SHALL BE 1" BELOW CHASE DRAIN FLOWLINE AT CURB OPENINGS ADJACENT TO CURB
2. BACK OF PLANTER (BUILDING SIDE) SHALL SLOPE WITH THE ADJACENT CONCRETE PAVING, WITH TOP OF CURB 6" ABOVE TOP OF CONCRETE.
3. REF. STRUCTURAL FOR REQUIRED REINFORCEMENT IN PLANTER CURB.
4. PROVIDE $\frac{3}{4}$" CHAMFER BOTH SIDES AT TOP OF CURB, AS SHOWN.
5. PROVIDE WATERPROOFING TO MINIMIZE EFFLORESCENCE, ALL EXPOSED SURFACES



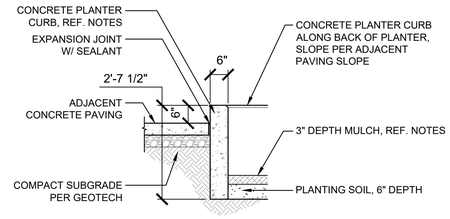
PLAN VIEW



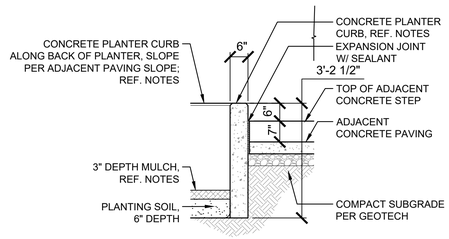
ELEVATION A
(TYPICAL IN LOCATIONS WITH ONE STEP)



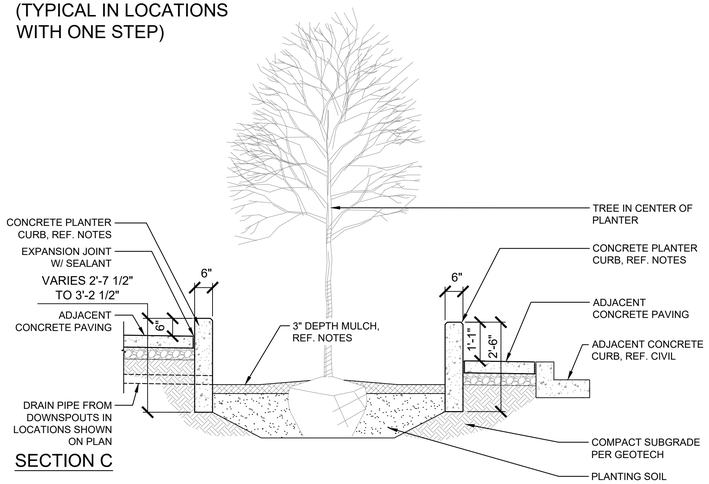
ELEVATION B
(TYPICAL IN LOCATIONS WITH TWO STEPS)



SECTION E



SECTION F



SECTION C

1 PLANTER CURB

1/2" = 1'-0"

MD-DM-25

REFERENCE DRAWINGS

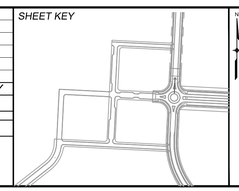
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East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

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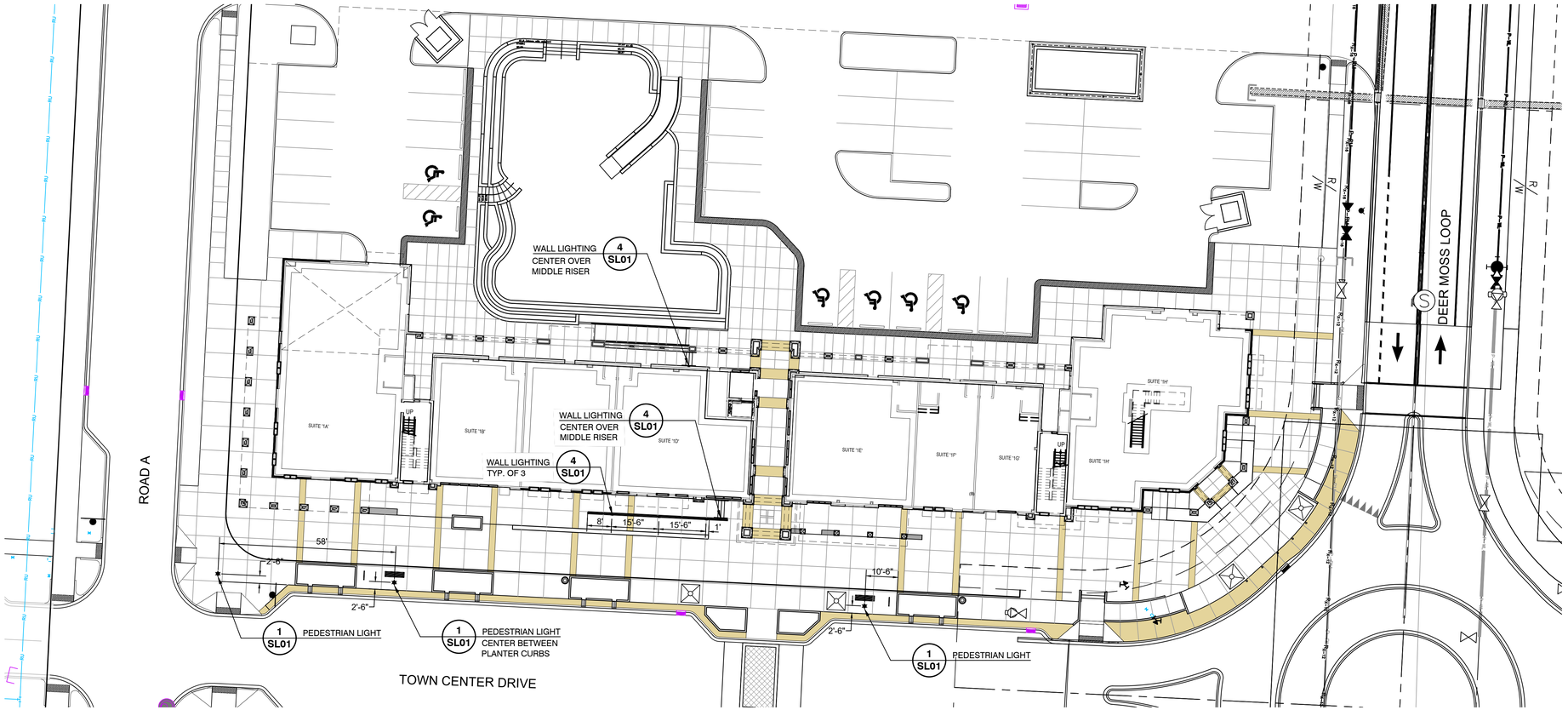
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

SITE AMENITY DETAILS 4

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CHECKED BY:	TK	VERT.			



PLAN VIEW

LIGHTING LEGEND

- \- WALL LIGHT, REF. DETAIL, THIS SHEET
- ✱ PEDESTRIAN LIGHT, REF. DETAIL, THIS SHEET

N

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SCALE IN FEET
ORIGINAL SCALE

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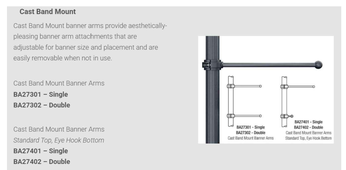
NOTES:
1. PEDESTRIAN LIGHTING SHALL BE AS SHOWN BELOW AS PROVIDED BY FLORIDA POWER AND LIGHT.
2. POST SHALL BE 21' HT. FOR 15'-6" FIXTURE MOUNTING HEIGHT.
3. FIXTURE SHALL BE BLACK.
4. PROVIDE BANNER MOUNTING ARMS, DOUBLE, WITH BOTTOM BRACKET MINIMUM 8' ABOVE FINISH GRADE. REF. DETAIL 2, THIS SHEET.
5. INSTALL PER MANUFACTURER'S SPECIFICATIONS
6. OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION





1 PEDESTRIAN LIGHT
NTS MD–DM–13

NOTES:
1. PEDESTRIAN LIGHT POLES SHALL HAVE BANNER MOUNTING ARMS AS SHOWN BELOW, AS PROVIDED BY HAPCO POLE PRODUCTS, OR EQUAL.
2. COLOR: BLACK.
3. BOTTOM BRACKET SHALL BE MIN. 8' ABOVE FINISH GRADE. COORDINATE WITH OWNER FOR FINAL HEIGHT.
4. COORDINATE WITH OWNER FOR SIZE AND TYPE.
5. INSTALL PER MANUFACTURER'S SPECIFICATIONS



2 LIGHT POLE BANNER ARMS
NTS MD–DM–14

NOTES:
1. FESTIVAL LIGHTING SHALL BE TIVOLI LITESPHERE 2.0 OR EQ.
   - LED 3000K
   - CLEAR GLOBE
   - BLACK WIRE
2. FESTIVAL LIGHTING SHALL NOT BE INSTALLED UNTIL BUILDING ON SOUTH SIDE OF STREET IS COMPLETE.
3. CONTRACTOR SHALL COORDINATE WITH ARCHITECT FOR ATTACHMENT LOCATIONS.
4. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
5. LIGHT STRING SHALL BE SUPPORTED BY A GUY WIRE AND BE NO LOWER THAN ALLOWED BY ORDINANCE, AND IN NO CASE LOWER THAN 18' ABOVE GRADE.



3 FESTIVAL LIGHTING
NTS MD–DM–15

NOTES:
1. WALL LIGHTING SHALL BE ACORN LIGHTING MODEL #9608, BLACK. COORDINATE WITH OWNER / LIGHTING DESIGNER FOR SPECIFICATIONS INCLUDING LUMENS, WATTS, AND COLOR TEMP.
2. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. INSTALL IN LOCATIONS AS SHOWN ON PLAN; OWNER'S REPRESENTATIVE SHALL APPROVE LOCATION PRIOR TO INSTALLATION.

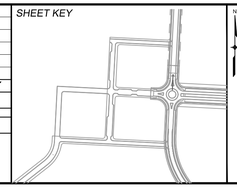


4 WALL LIGHTING
NTS MD–DM–27

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REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

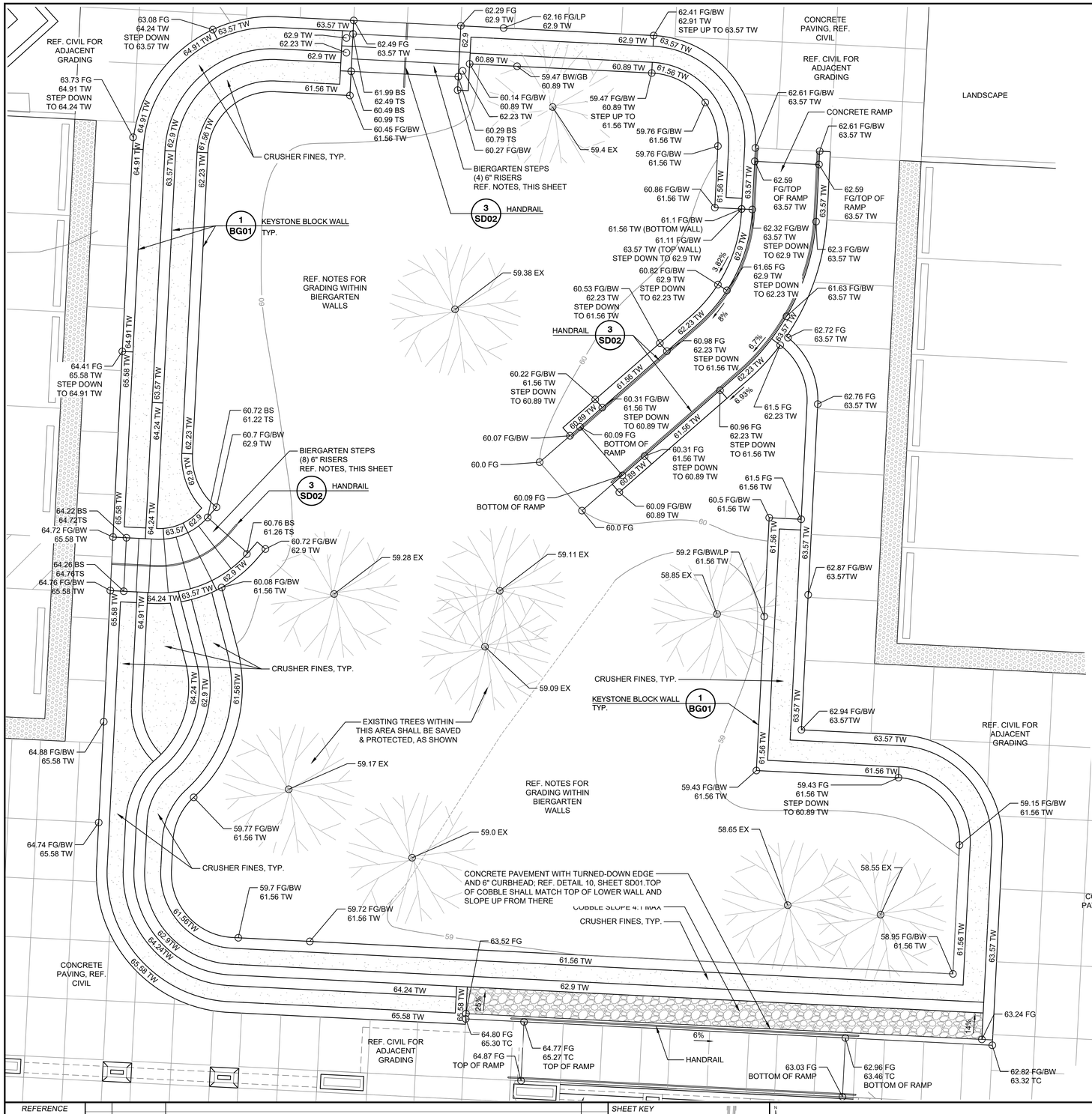
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Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK
CONSTRUCTION DOCUMENTS
SITE LIGHTING PLAN & DETAILS

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	49 OF 57	SL01
CHECKED BY:	TK	VERT.			

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LEGEND

CRUSHER FINES, REF. NOTES

RIVER COBBLE, REF. NOTES

SPOT ELEVATION LEGEND

BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
FG	FINISH GRADE
FG/BW	BOTTOM OF WALL AT FINISH GRADE
GB	GRADE BREAK
TS	TOP OF STEP
TW	TOP OF WALL

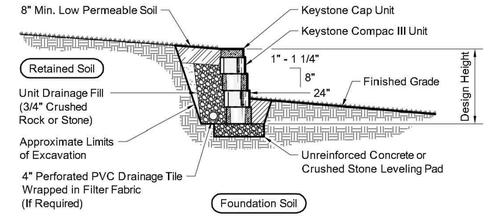
BIERGARTEN NOTES

1. RETAINING WALL BLOCKS SHALL BE KEYSTONE COMPAC III, STRAIGHT SPLIT, AS SHOWN IN DETAIL BELOW. COLOR SHALL COORDINATE WITH ARCHITECTURE AND SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PROCUREMENT OR CONSTRUCTION.
2. RETAINING WALLS SHALL BE CONSTRUCTED PER MANUFACTURER'S DETAILS AND SPECIFICATIONS.
3. CONTRACTOR SHALL HAVE WALLS ENGINEERED BY KEYSTONE PRIOR TO CONSTRUCTION. ANY REVISIONS TO THE LAYOUT SHOWN SHALL BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
4. ALL WALLS SHALL BE GRAVITY WALLS UNLESS REINFORCING IS REQUIRED PER ENGINEER.
5. EXISTING TREES SHOWN ON PLAN SHALL BE SAVED & PROTECTED. DURING CONSTRUCTION, CONTRACTOR SHALL PROVIDE PROTECTION FOR EXISTING TREES AND THEIR ROOT ZONES TO THE GREATEST EXTENT POSSIBLE.
6. GRADING INSIDE BIERGARTEN WALLS SHALL BE LIMITED TO THE MINIMUM REQUIRED IN ORDER TO INSTALL WALLS AND PROVIDE A SMOOTH TRANSITION BACK TO EXISTING GRADE, WHILE PROTECTING TREES AND THEIR ROOT ZONES.
7. WHERE THERE IS HORIZONTAL SPACE BETWEEN STEPPED WALLS, THAT AREA SHALL BE FILLED WITH CRUSHER FINES (3" DEPTH), AS SHOWN ON PLAN. PROVIDE SLOPE TO DRAIN.
8. BIERGARTEN STEPS SHALL BE CONCRETE STEPS PER STRUCTURAL.
9. COBBLE SLOPE SHALL HAVE 6" DEPTH 3"-6" RIVER COBBLE OVER WEED BARRIER FABRIC.

Series III

Height	Width	Depth	Weight
8"	18"	12"	71-76 lbs
203mm	457mm	305mm	32-34 kg

UNIT COLOR, DIMENSIONS, WEIGHT & AVAILABILITY VARIES BY MANUFACTURER.



Typical Gravity Wall Section
Compac III Unit - 1" Setback

1 KEYSTONE BLOCK WALL
1/2" = 1'-0" MD-DM-23

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1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

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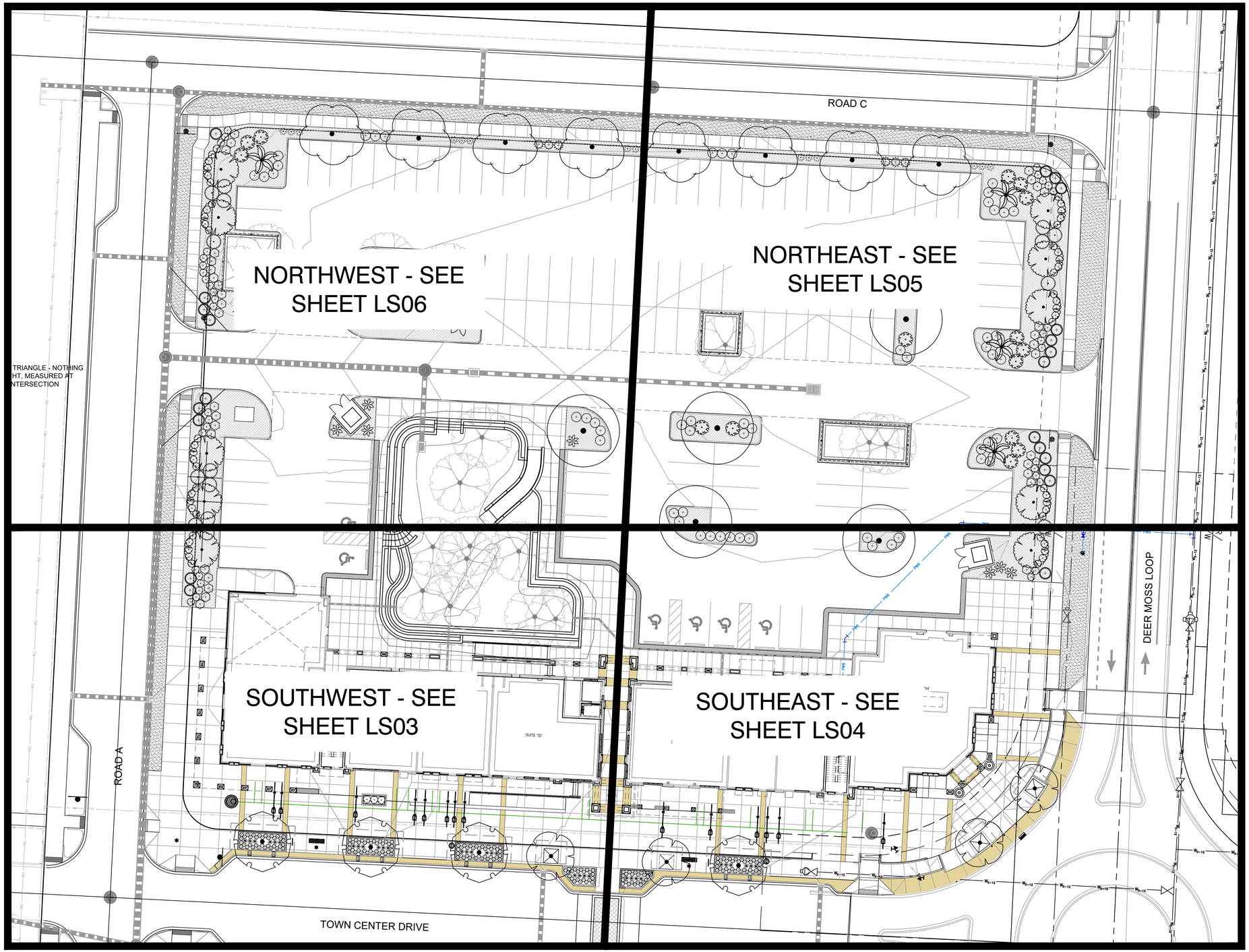
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

BIERGARTEN ENLARGEMENT

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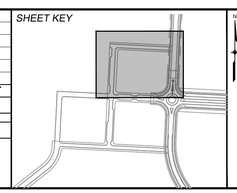
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DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

OVERALL LANDSCAPE PLAN

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	51 OF 57	LS01
CHECKED BY:	TK	VERT.			

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	PLANT SIZE
DECIDUOUS TREES				
	AF	8	ACER RUBRUM 'FLORIDA FLAME' FLORIDA FLAME RED MAPLE	2.5" CAL.
	UA	4	ULMUS ALATA WINGED ELM	2.5" CAL.
	UF	5	ULMUS AMERICANA FLORIDANA FLORIDA ELM	2.5" CAL.
ORNAMENTAL TREES				
	CE	4	CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK	1.5" CAL.
	CV	10	CHIONANTHUS VIRGINICUS WHITE FRINGETREE	2.5" CAL.
EVERGREEN TREES				
	CS	3	CHAMAEROPS HUMILIS CERIFERA 'SILVER SELECT' SILVER MEDITERRANEAN FAN PALM	#15 CONT
	SP	4	SABAL PALMETTO CABBAGE PALMETTO	8` HT.
DECIDUOUS SHRUBS				
	HYQ	16	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA	#5 CONT.
EVERGREEN SHRUBS				
	AGK	15	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' KALEIDOSCOPE GLOSSY ABELIA	#5 CONT.
	AGP	22	ABELIA X GRANDIFLORA 'PROSTRATA' PROSTRATE GLOSSY ABELIA	#5 CONT.
	AGS	32	AECHMEA GAMOSEPALA MATCHSTICK BROMELIAD	#1 CONT.
	BWG	2	BUXUS MICROPHYLLA JAPONICA 'WINTER GEM' WINTER GEM JAPANESE BOXWOOD PYRAMIDAL SHAPE	#5 CONT.
	IVC	6	ILEX VOMITORIA 'CONDEAUX' BORDEAUX® YAUPON HOLLY	#5 CONT.
	RAJ	33	RHODODENDRON X 'ROBLEU' AUTUMN JEWEL® ENCORE® AZALEA	#5 CONT.
	RAM	91	RHODODENDRON X 'ROBLEZD' AUTUMN MAJESTY® ENCORE® AZALEA	#5 CONT.
	RAT	55	RHODODENDRON X 'CONLEP' AUTUMN TWIST® ENCORE® AZALEA	#5 CONT.
	SRP	14	SERENOA REPENS SAW PALMETTO	#5 CONT.
ORNAMENTAL GRASSES				
	OPJ	180	OPHIOPOGON JAPONICUS MONDO GRASS	#1 CONT.
	PAH	15	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN FOUNTAIN GRASS	#5 CONT.
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
SHRUB AREAS				
	LBR	26	LANTANA CAMARA 'UF-1013A-2A' BLOOMIFY™ RED LANTANA	1 GAL.

GROUNDCOVER SCHEDULE

	ZOYSIA TURF SOD PALISADES ZOYSIA TURF - REF NOTES	5,449 SF
	SHRUB BED MULCH MELALEUCA MULCH, 3" DEPTH NOTE: QUANTITY SHOWN DOES NOT INCLUDE MULCH TO BE INSTALLED INSIDE THE PLANTER CURBS, CONCRETE PLANTERS, OR PLANTER POTS.	11,652 SF

LANDSCAPE NOTES

GENERAL:

1. ALL PLANTING BEDS SHALL HAVE 3" DEPTH SHRUB BED MULCH. PLANTER POTS (CONTAINERS) SHALL HAVE 2" DEPTH SHRUB BED MULCH. MULCH SHALL BE MELALEUCA MULCH, FLORIMULCH OR EQ. MULCH SHALL BE FREE FROM WEEDS, CHEMICALS, AND/OR DELETERIOUS MATERIALS, THERE SHALL BE NO WEED BARRIER FABRIC IN PLANTING BEDS.
2. ALL LANDSCAPE AREAS AND PLANT MATERIAL SHALL BE WATERED BY AN AUTOMATIC IRRIGATION SYSTEM. DRIP IRRIGATION IS TO BE PROVIDED TO SHRUB AREAS; TURF AREA HEADS ARE TO BE INSTALLED SO AS TO PROVIDE HEAD TO HEAD COVERAGE.
3. TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND LANDSCAPING.
4. IF IT IS DETERMINED THAT SOME TREES MAY BE RELOCATED AND A TREE SPADE IS USED, IT IS REQUIRED THAT HOLES DUG WITH THE SPADE BE SCRAPED DOWN AND SCORED WITH A SHOVEL TO REMOVE THE 'GLAZE' THAT IS PRODUCED ON THE SOIL SURFACE. THIS WILL PREVENT AN INTERFACE THAT WILL IMPEDE PROPER ROOT DEVELOPMENT
5. NO PLANT MATERIAL SHALL BE PLANTED WITHIN TEN FEET OF ANY EXISTING OR PROPOSED ELECTRICAL SWITCHGEARS, TRANSFORMERS OR OTHER ELECTRICAL UTILITY EQUIPMENT. PLANT MATERIAL MAY BE FIELD ADJUSTED TO PROVIDE THE 10 FOOT CLEARANCE AND ACCESSIBILITY REQUIRED BY THE UTILITY'S OWNER/OPERATOR.
6. NO PLANT MATERIAL SHALL BE PLANTED WITHIN TEN FEET OF ANY EXISTING OR PROPOSED WATER LINES OR STORM OR SANITARY SEWER IMPROVEMENTS. CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE OF ANY LOCATIONS WHERE THERE ARE UTILITY LINES IN CONFLICT WITH PLANTING LOCATIONS TO DETERMINE A REASONABLE ALTERNATIVE.
7. GRADING SHALL BE SMOOTH FLOWING WITH POSITIVE DRAINAGE AWAY FROM BUILDING. THE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT TO CLARIFY ANY PROBLEMS THAT MAY ARISE REGARDING DRAINAGE. REF. GRADING PLANS, SHEETS 18-26 FOR PROPOSED GRADING.
8. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IN PLAN VS FIELD CONDITIONS IMMEDIATELY TO THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WITH THE PORTION OF WORK IN QUESTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR SEEDING ANY SEEDED AREAS DISTURBED DURING CONSTRUCTION.
10. MAINTAIN A MINIMUM OF THREE FOOT CLEARANCE AROUND FIRE HYDRANTS, FIRE DEPARTMENT CONNECTIONS OR OTHER FIRE SERVICE EQUIPMENT. NO TREE OR SHRUBS WILL BE ALLOWED WITHIN THIS AREA.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT LANDSCAPE, PUBLIC AND PRIVATE PROPERTY THAT IS DAMAGED BY THE CONTRACTOR FOR THEIR SUBCONTRACTORS DURING INSTALLATION OR DURING THE SPECIFIED MAINTENANCE PERIOD.
12. CALL FOR UTILITY LOCATES PRIOR TO ANY EXCAVATION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE, INCLUDING SIDEWALKS, CURBS AND GUTTERS.
14. THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN ON-SITE, A REDLINED AS-BUILT COPY OF THE APPROVED LANDSCAPE AND IRRIGATION PLANS AND SUBMIT TO THE OWNER AND LANDSCAPE ARCHITECT A COPY OF THE REDLINED AS-BUILT SET FOLLOWING CONSTRUCTION COMPLETION. ALL MODIFICATIONS TO SITE, LANDSCAPE, IRRIGATION, ETC. SHALL BE RECORDED ON THE AS-BUILT PLANS.

SOIL SAMPLING & TESTING:

15. CONTRACTOR SHALL PROVIDE SOIL SAMPLING AND TESTING IN ORDER TO DETERMINE APPROPRIATE SOIL AMENDMENTS FOR SOIL PREPARATION. AFTER COMPLETION OF TESTING, CONTRACTOR SHALL SUBMIT TEST RESULTS AND RECOMMENDATIONS FOR APPROVAL BY PROJECT MANAGER.
    A. SOIL SAMPLING REQUIREMENTS:
        I. HAVE SAMPLES TAKEN AND LABELED BY THE CONTRACTOR IN THE PRESENCE OF THE PROJECT MANAGER AND UNDER THE DIRECTION OF THE TESTING AGENCY.
        II. MINIMUM OF FIVE (5) SAMPLES SHALL BE COLLECTED RANDOMLY THROUGHOUT THE AREAS THAT WILL RECEIVE SIMILAR SOIL PREPARATION INCLUDING TURF AREAS, TREE WELLS, AND RAISED PLANTERS. PROVIDE A SITE PLAN OF THE SAMPLING LOCATIONS TO THE PROJECT MANAGER FOR APPROVAL, PRIOR TO SAMPLING.
        III. COLLECT COMPOSITE SAMPLES TO A DEPTH OF SIX INCHES (6") AND COMBINE IN A CLEAN PLASTIC CONTAINER.
        IV. MIX SAMPLES TOGETHER THOROUGHLY, REMOVING PLANT DEBRIS AND BREAKING UP CLODS.
        V. LABEL EACH SAMPLE WITH THE DATE, LOCATION KEYED TO A SITE PLAN OR OTHER LOCATION SYSTEM, VISIBLE SOIL CONDITION, AND SAMPLING DEPTH.
    B. TESTING REQUIREMENTS:
        I. SOIL TEXTURE: SOIL-PARTICLE, SIZE-DISTRIBUTION ANALYSIS BY THE FOLLOWING METHODS ACCORDING TO SSSA'S "METHODS OF SOIL ANALYSIS - PART 1 - PHYSICAL AND MINERALOGICAL METHODS":
            a. SIEVING METHOD: REPORT SAND-GRADATION PERCENTAGES FOR VERY COARSE, COASE, MEDIUM, FINE, AND VERY FINE SAND; AND FRAGMENT-GRADATION (GRAVEL) PERCENTAGES FOR FINE, MEDIUM, AND COARSE FRAGMENTS; ACCORDING TO USDA SAND AND FRAGMENT SIZES.
            b. HYDROMETER METHOD: REPORT PERCENTAGES OF SAND, SILT, AND CLAY.
        II. FERTILITY TESTING: SOIL--FERTILITY ANALYSIS SHALL INCLUDE THE FOLLOWING:
            a. PERCENTAGE OF ORGANIC MATTER
            b. CEC, CALCIUM PERCENT OF CEC, AND MAGNESIUM PERCENT OF CEC
            c. SOIL REACTION (ACIDITY/ALKALINITY PH VALUE)
            d. BUFFERED ACIDITY OR ALKALINITY
            e. LIME ESTIMATE
            f. SOIL TEXTURE ESTIMATE
            g. NITROGEN PPM
            h. PHOSPHOROUS PPM
            i. POTASSIUM PPM
            j. MANGANESE PPM
            k. ZINC PPM
            l. IRON PPM
            m. BORON PPM
            n. COPPER PPM
            o. SODIUM PPM
            p. SODIUM ABSORPTION RATIO (SAR)
            q. SOLUBLE-SALTS PPM
            r. PRESENCE AND QUANTITIES OF PROBLEM MATERIALS INCLUDING SALTS AND METALS CITED IN THE STANDARD PROTOCOL. IF SUCH PROBLEM MATERIALS ARE PRESENT, PROVIDE ADDITIONAL RECOMMENDATIONS FOR CORRECTIVE ACTION.
            s. OTHER DELETERIOUS MATERIALS, INCLUDING THEIR CHARACTERISTICS AND CONTENT OF EACH.
        III. RECOMMENDATIONS: BASED ON THE TEST RESULTS, PROVIDE RECOMMENDATIONS FOR SOIL TREATMENTS, AMENDMENTS, AND CONDITIONS TO BE INCORPORATED TO PRODUCE A SOIL SUITABLE FOR HEALTHY VIABLE PLANT GROWTH FOR THE SPECIES INDICATED IN THE CONTRACT DRAWINGS. INCLUDE, AT A MINIMUM, RECOMMENDATIONS FOR NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZATION, AND FOR MICRONUTRIENTS.
            a. FERTILIZERS AND SOIL AMENDMENT RATES: STATE RECOMMENDATIONS IN WEIGHT PER ONE THOUSAND (1,000) SQ. FT. FOR SIX INCH (6") DEPTH OF SOIL.
            b. SOIL REACTION: STATE THE RECOMMENDED LIMING RATES FOR RAISING PH OR SULFUR FOR LOWERING PH ACCORDING TO THE BUFFERED ACIDITY OR BUFFERED ALKALINITY IN WEIGHT PER ONE THOUSAND (1,000) SQ. FT. FOR SIX INCH (6") DEPTH OF SOIL.

TOPSOIL:

18. IMPORTED TOPSOIL SHALL BE A LOAM OR SANDY LOAM CONFORMING TO ASTM D 5268. AT LEAST TEN (10)DAYS PRIOR TO TOPSOIL DELIVERY, NOTIFY THE PROJECT MANAGER OF THE SOURCE (S) FROM WHICH TOPSOIL IS TO BE FURNISHED. TOPSOIL SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE A NATURAL, FRIABLE SOIL REPRESENTATIVE OF PRODUCTIVE SOILS AND SHALL BEET THE FOLLOWING CONDITIONS.
    A. IT SHALL BE OBTAINED FROM THE TOP SIX-INCHES (6") OF WELL DRAINED AREAS.
    B. FERTILE, FRIABLE, LOAMY SOIL, REASONABLE FREE FROM SUBSOIL, REFUSE, ROOTS, HEAVY OR STIFF CLAY, STONES LARGER THAN ONE-INCH (1"), COARSE SAND, NOXIOUS SEEDS, STICKS, BRUSH, LITTER, AND OTHER DLETERIOUS SUBSTANCES; SUITABLE FOR THE GERMINATION OF SEEDS AND THE SUPPORT OF VEGETATIVE GROWTH.
    C. THE pH VALUE SHALL BE BETWEEN 6.5 AND 8.5.
    D. SOIL TEXTURE:
        SAND: 30% TO 50%
        SILT: 30% TO 50%
        CLAY: 5% TO 30%
    E. ADDITIVES: AS DETERMINED BY SOIL FERTILITY TESTS.
    F. PERCENT ORGANIC CONTENT: TURF GRASS AREAS SHALL BE 3% TO 5% MAXIMUM AFTER AMENDING OR CONDITIONING.
    G. SOLUBLE SALTS: ELECTRIC CONDUCTIVITY (EC) SHALL BE LESS THAN TWO (2.0) MMHOS/CM FOR TURFGRASS AREAS, DRYLAND AREAS, AND PLANTING BEDS.

SOIL PREPARATION:

19. SOIL AMENDMENTS FOR TURF AREAS:
    A. CLASS I COMPOST MATERIAL SHALL CONSIST OF AGED ORGANIC MATTER, FREE OF WEED OR OTHER NOXIOUS PLANT SEEDS, LUMPS, STONES, OR OTHER FOREIGN CONTAMINANTS HARMFUL TO PLANT LIFE, AND HAVING THE FOLLOWING CHARACTERISTICS BASED ON A NUTRIENT TEST PERFORMED NO LONGER THAN 3 MONTHS PRIOR TO ITS INCORPORATION INTO THE PROJECT:.
        - ORGANIC MATTER: 25% MAXIMUM
        - SALT CONTENT: 5.0 MMHOS/CM MAXIMUM
        - pH: 7.5 MAXIMUM
        - CARBON TO NITROGEN RATIO SHALL BE LESS THAN 20:1
    B. MOUNTAIN PEAT, ASPEN HUMUS, GYPSUM AND SAND WILL NOT BE ACCEPTED.
20. IN GENERAL, TURF AND PLANTING AREAS SHALL RECEIVE SOIL AMENDMENTS UNLESS OTHERWISE NOTED OR SPECIFIED BY THE PROJECT MANAGER. FOR THE PURPOSE OF BIDDING, THE CONTRACTOR SHALL ASSUME ALL AREAS TO RECEIVE SOIL AMENDMENTS WILL BE AT 4 CUBIC YARDS PER 1,000 SQ. FT. ONCE SOILS TESTS HAVE BEEN RECEIVED AND DETERMINATION IS MADE ON THE PROPER AMOUNT TO BE ADDED TO THE SITE-SPECIFIC SOILS THE RATE TO BE APPLIES MAY BE ADJUSTED PER THE PRICE BASED ON THE SCHEDULE OF VALUES FOR SOIL AMENDMENTS.
21. WEED SEED ERADICATION: PERFORM PESTICIDE TREATMENT OVER THE ENTIRE AREA TO BE PLANTED DURING THE GROWING SEASON. ALLOW ENOUGH TIME TO SUCCESSFULLY COMPLETE THE ENTIRE PESTICIDE TREATMENT PROCESS (GERMINATE / TERMINATE) BEFORE PROCEEDING WITH PLANTING.
22. AREAS OF COMPACTED TOPSOIL: AREAS WITHIN THE WORK LIMITS OR AS DEFINED ON THE CONTRACT DRAWINGS OR BY THE PROJECT MANAGER THAT HAVE VEGETATOIN THAT IS SPARSE, STUNTED, ANEMIC, WEEDY OR WAS USED AS CONSTRUCTION STAGING, A PARKING AREA, AND/OR SUBJECTED TO HEAVY USE WILL REQUIRE RIPPING TO PREPARE THE SOIL FOR PLANTING. SCARIFY COMPACTED SOIL TO AN 8" MINIMUM DEPTH TO LOOSEN TOPSOIL.
23. AREAS THAT HAVE BEEN DISTURBED FOR CONSTRUCTION IMPLEMENTATION ACTIVITIES SHALL HAVE THE VEGETATION REMOVED, SOIL PREPARED PER THE SPECIFICATIONS, AND SOIL RECOMPACTED TO MEET THE COMPACTION REQUIREMENTS FOR THE SPECIFIED AREA.
24. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED AND APPROVED BY THE PROJECT MANAGER.
25. AFTER APPLYING SOIL AMENDMENTS, THOROUGHLY TILL AREA TO DEPTH OF 6" MINIMUM BY PLOWING, ROTOTILLING, HARROWING, OR DISKING UNTIL THE SOIL IS WELL PULVERIZED AND THOROUGHLY MIXED. SOIL CONDITIONERS AND FERTILIZER SHALL BE APPLIED TOPICALLY ONCE FINAL GRADE HAS BEEN ESTABLISHED AND JUST PRIOR TO SODDING OR SEEDING.
26. TAKE SOIL SAMPLES, IN SIMILAR LOCATIONS TO PRE-CONSTRUCTION TESTING, AND TEST AMENDED SOIL TO ENSURE THE FINAL PRODUCT MEETS THE LABORATORY RECOMMENDATIONS PRIOR TO PLANTING.

SOIL PREPARATION PROTECTION AND REPAIR:

27. PROVIDE AND INSTALL BARRIERS AS REQUIRED AND AS DIRECTED BY THE PROJECT MANAGER TO PROTECT EXISTING AND/OR COMPLETED AREAS AGAINST DAMAGE FROM PEDESTRIAN AND VEHICULAR TRAFFIC UNTIL ACCEPTANCE BY THE OWNER.
28. PROTECT AREAS OF IN-PLACE SOIL FROM ADDITIONAL COMPACTION, DISTURBANCE, AND CONTAMINATION. PROHIBIT THE FOLLOWING PRACTICES WITHIN THESE AREAS EXCEPT AS REQUIRED TO PERFORM PLANTING OPERATIONS:
    E. STORAGE OF CONSTRUCTION MATERIALS, DEBRIS, OR EXCAVATED MATERIAL.
    F. PARKING VEHICLES OR EQUIPMENT
    G. VEHICLE TRAFFIC
    H. FOOT TRAFFIC
    I. ERECTION OF SHEDS OR STRUCTURES
    J. IMPOUNDMENT OF WATER
    K. EXCAVATION OR OTHER DIGGING UNLESS OTHERWISE INDICATED
29. IF PREPARED SOIL OR SUBGRADE IS DISTURBED OR CONTAMINATED PRIOR TO PLANTING, THE CONTRACTOR SHALL RESTORE OR REPLACE THE PLANTING SOIL AS DIRECTED BY THE PROJECT MANAGER AT NO COST TO THE OWNER.

FINE GRADING IN ALL LANDSCAPE AREAS:

30. COMPLETE FINE GRADING FOR ALL AREAS PRIOR TO SEEDING OR PLANTING. ALLOW FOR NATURAL SETTLEMENT.
31. FOR GROUND SURFACE AREA SURROUNDING BUILDINGS TO BE LANDSCAPED, MAINTAIN REQUIRED POSITIVE DRAINAGE AWAY FROM BUILDINGS.
32. ESTABLISH FINISH GRADES AS FOLLOWS:
33. LAWN, SEEDED, AND UNPAVED AREAS: FINISH AREAS TO WITHIN NOT MORE THAN +/- FIVE ONE-HUNDREDTHS (0.05') OF A FOOT ABOVE OR BELOW REQUIRED ELEVATIONS.
34. FINISH GRADE SHALL BE BELOW EDGE OF PAVEMENT PRIOR TO SODDING, SEEDING OR PLANTING.
35. SODDED AREAS: ALLOW ONE AND ON-HALF INCHES ($1\frac{1}{2}$") FOR SOD.
36. SEEDING AREAS: ALLOW ONE INCH (1") FOR SEED.
37. PLANTING BEDS: ALLOW FOUR INCHES (3") FOR MULCH.
38. COMPACTION OF SURFACE GRADE PRIOR TO LANDSCAPE INSTALLATION: FIRM, BUT NOT HARD, EIGHTY-FIVE PERCENT (85%) STANDARD PROCTOR DENSITY WITHIN TWO PERCENT (2%) OPTIMUM MOISTURE.
39. TURFGRASS LAWN AREAS: PRIOR TO ACCEPTANCE OF GRADES, HAND RAKE TO SMOOTH, EVEN SURFACE, FREE OF DEBRIS, CLODS, ROCKS AND ORGANIC MATTER GREATER THAN ONE INCH (1").
40. RESTORE PLANTING AREAS TO SPECIFIED CONDITION IF ERODED OR OTHERWISE DISTURBED AFTER FINE GRADING AND PRIOR TO PLANTING.

SODDING:

41. TURF SHALL BE PALISADES ZOYSIA, AS SUPPLIED BY WOERNER LANDSCAPE (833-963-763), OR EQ.
42. SOD SHALL BE INSTALLED BY A QUALIFIED LANDSCAPE INSTALLER WHOSE WORK HAS RESULTED IN SUCCESSFUL TURF ESTABLISHMENT. MINIMUM 5 YEARS EXPERIENCE IN TURF INSTALLATION.
43. SOD PRODUCER SHALL BE A COMPANY SPECIALIZING IN SOD PRODUCTION AND HARVESTING WITH A MINIMUM OF 5 YEARS EXPERIENCE, AND CERTIFIED BY THE STATE OF FLORIDA DEPARTMENT OF AGRICULTURE.
44. ESTABLISHMENT OF THE SODDED AREAS ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE PER THE FOLLOWING REQUIREMENTS:
    A. GENERAL: THE ESTABLISHMENT PERIOD SHALL BEGIN IMMEDIATELY AFTER EACH AREA IS SODDED AND CONTINUE FOR 60 DAYS OR AS DETERMINED BY THE PROJECT MANAGER. DURING THIS TIME, THE CONTRACTOR IS RESPONSIBLE FOR WATERING, MOWING, SPRAYING, WEEDING, FERTILIZING AND ALL RELATED WORK AS NECESSARY TO ENSURE THAT SODDED AREAS ARE IN A VIGOROUS GROWING CONDITION. PROVIDE ALL SUPERVISION, LABOR, MATERIAL AND EQUIPMENT TO DEVELOP AND MAINTAIN SODDED AREAS FROM TIME OF INSTALLATION.
    B. MOWING AND TRIMMING: WHEN TURFGRASSES REACH $3\frac{1}{2}$" IN HEIGHT, BEGIN WEEKLY MOWING PROGRAM TO MAINTAIN TURF AT $2\frac{1}{2}$" TO 3" HEIGHT. DO NOT REMOVE MORE THAN $\frac{1}{3}$ THE HEIGHT OF THE GRASS BLADE IN A SINGLE MOWING. DO NOT MOW WHEN GRASS IS WET. ALL CLIPPINGS FROM ADJACENT PAVED AREAS MOWED TURF AREAS SHALL BE REMOVED TO THE SATISFACTION OF THE PROJECT MANAGER.
    C. FERTILIZING: WITHIN 30 DAYS OF SODDING AND EVERY 60 DAYS THEREAFTER UNTIL ACCEPTANCE, APPLY SPECIFIED FERTILIZER TO MAINTAIN OPTIMAL TURF VIGOR OR PER THE DIRECTION OF THE PROJECT MANAGER.
    D. WEED CONTROL: CONTROL ANNUAL WEEDS BY MOWING. DO NOT USE PESTICIDES UNLESS APPROVED BY THE PROJECT MANAGER AND OWNER.
    E. INSECT AND DISEASE CONTROL: AS NEEDED, APPLY INSECTICIDE AND FUNGICIDE APPROVED BY THE PROJECT MANAGER AND OWNER.
45. SUBSTANTIAL COMPLETION OF SOD AREAS SHALL BE GRANTED WHEN THE SOD HAS BEEN APPLIED AND STABILIZED OR PER THE DIRECTION OF THE PROJECT MANAGER.
46. FINAL ACCEPTANCE WILL BE DEFINED AS A HEALTHY UNIFORM TURF OVER THE ENTIRE SODDED AREA THAT DOES NOT CONTAIN ANY STRESSED OR BARE SPOTS GREATER THAN ONE (1) SQ. FT.
    A. SIXTY (60) DAYS AFTER SODDING, PRIOR TO FINAL ACCEPTANCE, THE SODDED AREAS SHALL BE REVIEWED BY THE PROJECT MANAGER AND THE CONTRACTOR. ANY AREAS AS DETERMINED BY THE PROJECT MANAGER WHERE THE SOD HAS FAILED TO ESTABLISH SHALL BE RE-SODDED.
    B. THE PROJECT MANAGER SHALL BE SATISFIED WITH ESTABLISHMENT. THE SODDED AREAS SHALL HAVE A FULL STAND OF GRASS, IN A VIGOROUS GROWING CONDITION, THOROUGHLY ROOTED TO THE SOIL WITH ABSENCE OF VISIBLE JOINTS.

TREES, PLANTS & GROUNDCOVERS:

47. DO NOT PROCEED WITH LANDSCAPE WORK UNTIL WEED GROWTH HAS BEEN CONTROLLED AND ELIMINATED, PER "SOIL PREPARATION", THIS SHEET.
48. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES.
49. FURNISH AND INSTALL NURSERY-GROWN TREES AND SHRUBS CONFORMING TO THE REQUIREMENTS OF ANSI-Z-60 AND ANSI A300, PART 6, WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPLANTING OR ROOT PRUNING. PROVIDE WELL SHAPED, SYMMETRICAL, FULLY BRANCHED, HEALTHY, AND VIGOROUS STOCK FREE OF DISEASE, INSECTS, EGGS, LARVAE, GIRDLING, AND DEFECTS SUCH AS SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT.
50. CONTRCTOR MAY REQUEST PLANT MATERIAL SUBSTITUTIONS, SUBJECT TO CITY APPROVAL. OVERALL PLANT QUANTITIES AND SIZING SHALL REMAIN AS INDICATED ON THE PLANT SCHEDULE. THE CONTRACTOR SHALL VERIFY THAT ANY SUBSTITUTED PLANT SPECIES ARE ACCEPTABLE TO THE LOCAL MUNICIPALITY OR GOVERNING JURISDICTIONS.
51. PLANT SPECIES AND LOCATION SHOULD FOLLOW APPROVED PLAN. IF SITE CONDITIONS OR PLANT AVAILABILITY REQUIRE CHANGES TO THE PLAN, THEN THE APPLICANT MUST GET APPROVAL FROM THE CITY OF CRESTVIEW.
52. ALL DECIDUOUS TREES OF ONE SPECIES USED IN FORMAL ROWS OR GROUPINGS SHALL EXHIBIT CULTURAL UNIFORMITY, I.E. "MATCHED" IN HEIGHT, CROWN WIDTH AND SHAPE, HEIGHT TO FIRST BRANCH, AND TRUNK TAPER. FOR THIS REASON, IT IS DESIRED THAT THESE TREES BE PRODUCED BY A SINGLE GROWER.
53. ALL CONTAINER GROWN NURSERY STOCK SHALL BE HEALTHY, VIGOROUS, WELL ROOTED, AND ESTABLISHED IN THE CONTAINER IN WHICH 9IT IS GROWING. CONTAINER GROWN NURSERY STOCK SHALL HAVE A WELL ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM BALL WHEN THE CONTAINER IS REMOVED, BUT SHALL NOT HAVE GIRDLED OR KINKED ROOTS AND/ORROOT GROWTH ENCIRCLING THE INSIDE OF THE CONTAINER.
54. UNLESS OTHERWISE DIRECTED BY THE PROJECT MANAGER, THE PLANT PIT BACKFILL MATERIAL SHALL CONSIST OF THE FOLLOWING, THOROUGHLY MIXED:
    A. SOIL ORIGINALLY EXCAVATED FROM THE PIT: TWO-THIRDS (2/3) PROPORTION OF TOTAL MIX.
    B. SOIL AMENDMENT AS SPECIFIED UNDER "SOIL PREPARATION", THIS SHEET
    C. IF IMPORTED TOPSOIL IS REQUIRED, IT SHALL MEET THE REQUIREMENTS SPECIFIED UNDER "TOPSOIL", THIS SHEET.
55. EXCAVATE PLANTING HOLES WITH SLOPING SIDES. DO NOT DISTURB SOIL AT BOTTOM OF PLANTING HOLES. SCARIFY OR ROUGHEN SIDES OF TREE PIT BY HAND TO ELIMINATE ANY GLAZING. MAKE EXCAVATIONS AT LEAST THREE TIMES AS WIDE AS THE ROOT BALL DIAMETER AND LESS (THREE TO FIVE INCHES) THAN THE DISTANCE FROM THE TOP MOST ROOT IN THE ROOT BALL AND THE BOTTOM OF THE ROOT BALL. THE PLANTING AREA SHALL BE LOOSENED AND AERATED AT LEAST THREE TO FIVE TIMES THE DIAMETER OF THE ROOT BALL.
56. TREES SHALL BE PLANTED WITH THE TOP-MOST ROOT IN THE ROOT BALL 3" TO 6" HIGHER THAN THE FINISHED LANDSCAPE GRADE. THIS INCLUDES TREES THAT ARE SET ON SLOPES. SET ROOT BALL ON UNDISTURBED SOIL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE ROOT BALL WITH SOIL.
57. CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE PLACING TREE IN HOLE, CUT OFF REMAINDER OF BASKET AFTER TREE IS SET IN HOLE, REMOVE BASKET COMPLETELY. REMOVE ALL NYLON TIES, TWINE, ROPE AND BURLAP AS POSSIBLE. REMOVE UNNECESSARY PACKING MATERIAL.
58. PLACE BACKFILL AROUND BALL IN LAYERS. WHEN PIT IS APPROXIMATELY ONE-HALF BACKFILLED, WATER THOROUGHLY AND ALLOW TO ABSORB INTO SOIL TO ELIMINATE VOIDS AND AIR POCKETS PRIOR TO PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE IS ABSORBED. WATER AGAIN AFTER PLACING FINAL LAYER OF BACKFILL.
59. FORM SOIL INTO A 3" TO 5" TALL WATERING RING (SAUCER) AROUND PLANTING AREA. APPLY 4" DEPTH OF ROCK MULCH INSIDE WATERING RING.
60. STAKING AND GUYING OF TREES IS OPTIONAL IN MOST PLANTING SITUATIONS. IN AREAS OF EXTREME WINDS, OR ON STEEP SLOPES, STAKING MAY BE NECESSARY TO STABILIZE TREES. CONTRACTOR SHALL VERIFY WITH LANDSCAPE ARCHITECT, PROJECT MANAGER, AND/OR OWNER WHETHER STAKING IS NECESSARY. STAKING AND GUYING MUST BE REMOVED WITHIN 1 YEAR OR LESS OF PLANTING DATE.
61. ALL PLANT MATERIAL SHALL CARRY A WARRANTY FOR A PERIOD OF NOT LESS THAN 1 YEAR AFTER ACCEPTANCE OF THE PROJECT BY THE OWNER. WARRANTY SHALL BE A ONE-TIME REPLACEMENT THAT INCLUDES PLANT MATERIAL AND LABOR COSTS.

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REFERENCE DRAWINGS

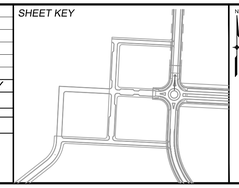
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SHEET KEY



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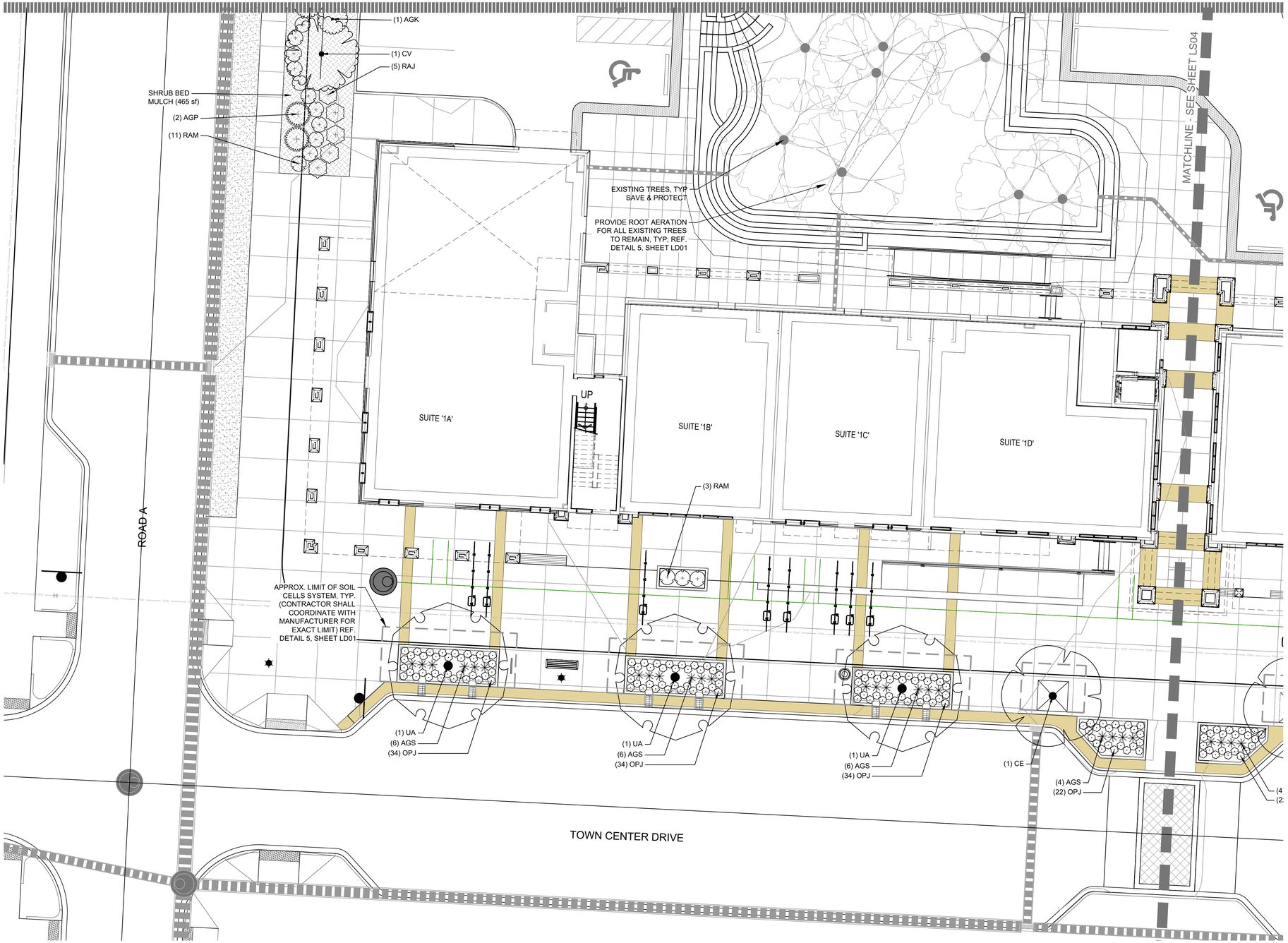
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

PLANTING SCHEDULE & NOTES

DESIGNED BY:	TK	SCALE	
DRAWN BY:	TF	HORIZ.	
CHECKED BY:	TK	VERT.	
DATE ISSUED:	MAR 2026	DRAWING No.	LS02
SHEET	52 OF 57		



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
DECIDUOUS TREES		
	AF	ACER RUBRUM 'FLORIDA FLAME' FLORIDA FLAME RED MAPLE
	UA	ULMUS ALATA WINGED ELM
	UF	ULMUS AMERICANA FLORIDANA FLORIDA ELM
ORNAMENTAL TREES		
	CE	CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
	CV	CHIONANTHUS VIRGINICUS WHITE FRINGETREE
EVERGREEN TREES		
	CS	CHAMAEROPS HUMILIS CERIFERA 'SILVER SELECT' SILVER MEDITERRANEAN FAN PALM
	SP	SABAL PALMETTO CABBAGE PALMETTO
DECIDUOUS SHRUBS		
	HYQ	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA
EVERGREEN SHRUBS		
	AGK	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' KALEIDOSCOPE GLOSSY ABELIA
	AGP	ABELIA X GRANDIFLORA 'PROSTRATA' PROSTRATE GLOSSY ABELIA
	AGS	AECHMEA GAMOSEPALA MATCHSTICK BROMELIAD
	BWG	BUXUS MICROPHYLLA JAPONICA 'WINTER GEM' WINTER GEM JAPANESE BOXWOOD PYRAMIDAL SHAPE
	IVC	ILEX VOMITORIA 'CONDEAUX' BORDEAUX® YAUPON HOLLY
	RAJ	RHODODENDRON X 'ROBLEU' AUTUMN JEWEL® ENCORE® AZALEA
	RAM	RHODODENDRON X 'ROBLEZD' AUTUMN MAJESTY® ENCORE® AZALEA
	RAT	RHODODENDRON X 'CONLEP' AUTUMN TWIST® ENCORE® AZALEA
	SRP	SERENOA REPENS SAW PALMETTO
ORNAMENTAL GRASSES		
	OPJ	OPHIOPOGON JAPONICUS MONDO GRASS
	PAH	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN FOUNTAIN GRASS
SHRUB AREAS		
	LBR	LANTANA CAMARA 'UF-1013A-2A' BLOOMIFY™ RED LANTANA

CONCEPT PLANT SCHEDULE

ZOYSIA TURF SOD
PALISADES ZOYSIA TURF - REF NOTES

SHRUB BED MULCH
MELALEUCA MULCH, 3" DEPTH

CALL SUNSHINE 48 HOURS BEFORE YOU DIG
1-800-432-4770
DIG SAFELY

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

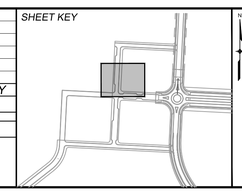
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CTB FILE: Matrix.ctb
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SHEET KEY



PREPARED FOR:
Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT
1003C John Sims Parkway
East Palm Plaza
Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:
Matrix
Excellence by Design
320 Bayshore Drive, Suite B
Niceville, FL 32578
Phone: 850-279-4298
www.matrixdesigngroup.com

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FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

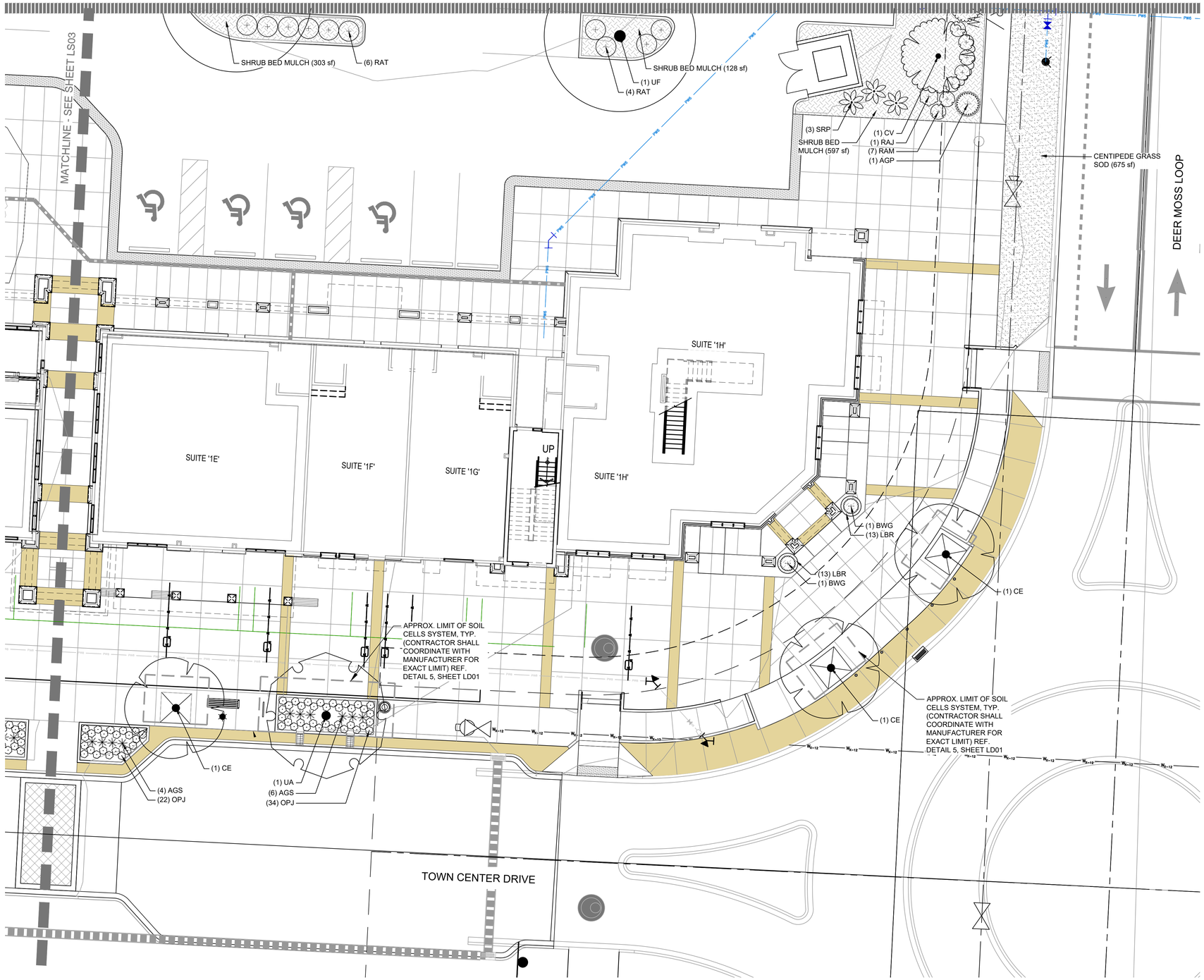
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

LANDSCAPE PLAN - SOUTHWEST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	53 OF 57	LS03
CHECKED BY:	TK	VERT.			

MATCHLINE - SEE SHEET LS05



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
DECIDUOUS TREES		
	AF	ACER RUBRUM 'FLORIDA FLAME' FLORIDA FLAME RED MAPLE
	UA	ULMUS ALATA WINGED ELM
	UF	ULMUS AMERICANA FLORIDANA FLORIDA ELM
ORNAMENTAL TREES		
	CE	CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
	CV	CHIONANTHUS VIRGINICUS WHITE FRINGETREE
EVERGREEN TREES		
	CS	CHAMAEROPS HUMILIS CERIFERA 'SILVER SELECT' SILVER MEDITERRANEAN FAN PALM
	SP	SABAL PALMETTO CABBAGE PALMETTO
DECIDUOUS SHRUBS		
	HYQ	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA
EVERGREEN SHRUBS		
	AGK	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' KALEIDOSCOPE GLOSSY ABELIA
	AGP	ABELIA X GRANDIFLORA 'PROSTRATA' PROSTRATE GLOSSY ABELIA
	AGS	AECHMEA GAMOSEPALA MATCHSTICK BROMELIAD
	BWG	BUXUS MICROPHYLLA JAPONICA 'WINTER GEM' WINTER GEM JAPANESE BOXWOOD PYRAMIDAL SHAPE
	IVC	ILEX VOMITORIA 'CONDEAUX' BORDEAUX® YAUPON HOLLY
	RAJ	RHODODENDRON X 'ROBLEU' AUTUMN JEWEL® ENCORE® AZALEA
	RAM	RHODODENDRON X 'ROBLEZD' AUTUMN MAJESTY® ENCORE® AZALEA
	RAT	RHODODENDRON X 'CONLEP' AUTUMN TWIST® ENCORE® AZALEA
	SRP	SERENOA REPENS SAW PALMETTO
ORNAMENTAL GRASSES		
	OPJ	OPHIOPOGON JAPONICUS MONDO GRASS
	PAH	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN FOUNTAIN GRASS
SHRUB AREAS		
	LBR	LANTANA CAMARA 'UF-1013A-2A' BLOOMIFY™ RED LANTANA

CONCEPT PLANT SCHEDULE

ZOYSIA TURF SOD
PALISADES ZOYSIA TURF - REF NOTES

SHRUB BED MULCH
MELALEUCA MULCH, 3" DEPTH

N

10 0 10 20
SCALE IN FEET
ORIGINAL SCALE

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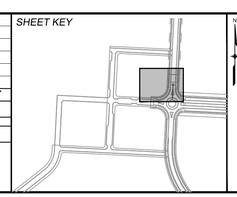
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REAL ESTATE & DEVELOPMENT
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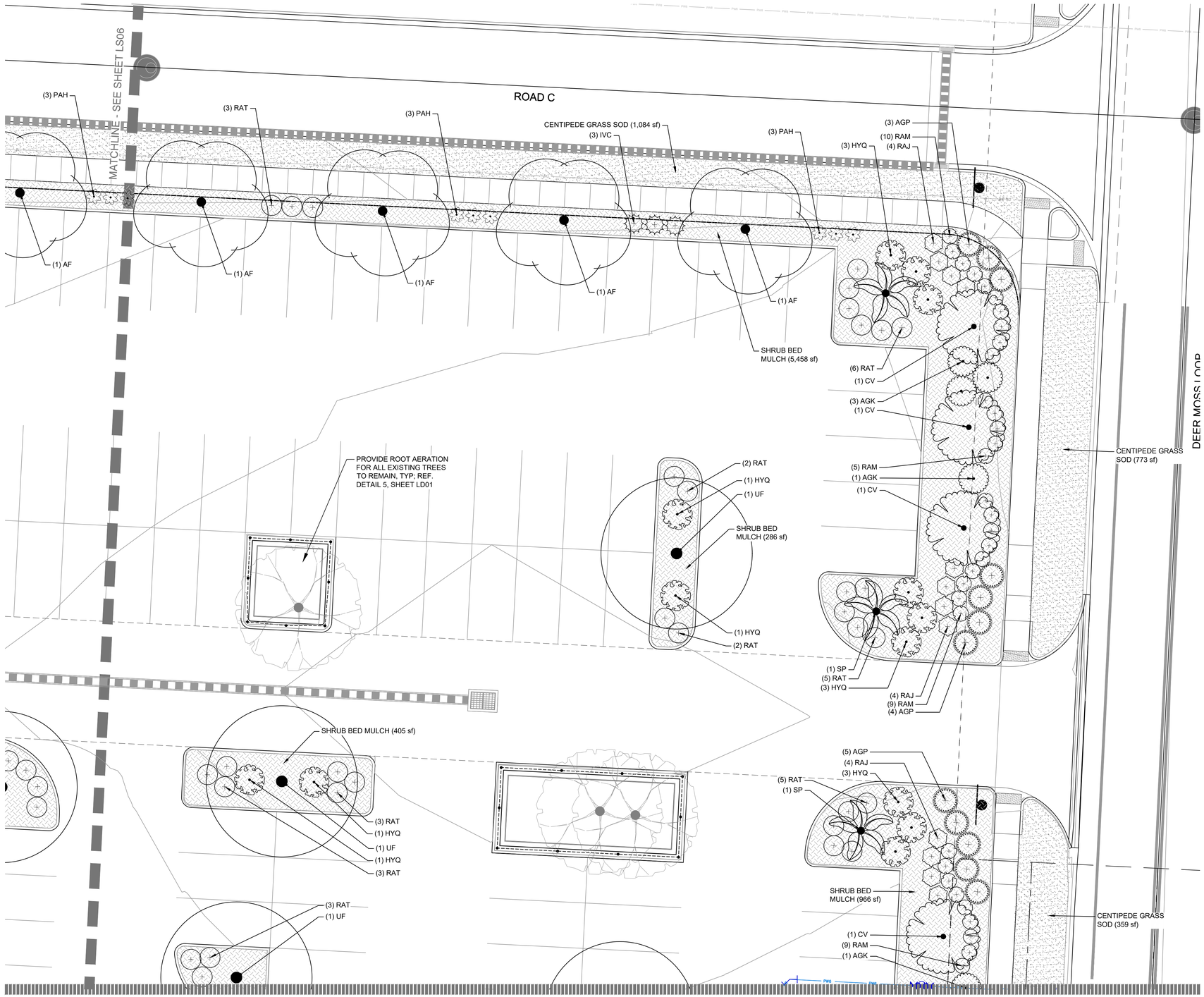
DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

LANDSCAPE PLAN - SOUTHEAST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.			
CHECKED BY:	TK	VERT.	SHEET	54 OF 57	LS04

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PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
DECIDUOUS TREES		
	AF	ACER RUBRUM 'FLORIDA FLAME' FLORIDA FLAME RED MAPLE
	UA	ULMUS ALATA WINGED ELM
	UF	ULMUS AMERICANA FLORIDANA FLORIDA ELM
ORNAMENTAL TREES		
	CE	CERCIS CANADENSIS EASTERN REDBUD MULTI-TRUNK
	CV	CHIONANTHUS VIRGINICUS WHITE FRINGETREE
EVERGREEN TREES		
	CS	CHAMAEROPS HUMILIS CERIFERA 'SILVER SELECT' SILVER MEDITERRANEAN FAN PALM
	SP	SABAL PALMETTO CABBAGE PALMETTO
DECIDUOUS SHRUBS		
	HYQ	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA
EVERGREEN SHRUBS		
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	BWG	BUXUS MICROPHYLLA JAPONICA 'WINTER GEM' WINTER GEM JAPANESE BOXWOOD PYRAMIDAL SHAPE
	IVC	ILEX VOMITORIA 'CONDEAUX' BORDEAUX® YAUPON HOLLY
	RAJ	RHODODENDRON X 'ROBLEU' AUTUMN JEWEL® ENCORE® AZALEA
	RAM	RHODODENDRON X 'ROBLEZD' AUTUMN MAJESTY® ENCORE® AZALEA
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	PAH	PENNISETUM ALOPECUROIDES 'HAMELN' HAMELN FOUNTAIN GRASS
SHRUB AREAS		
	LBR	LANTANA CAMARA 'UF-1013A-2A' BLOOMIFY™ RED LANTANA

CONCEPT PLANT SCHEDULE

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PALISADES ZOYSIA TURF - REF NOTES

SHRUB BED MULCH
MELALEUCA MULCH, 3" DEPTH

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SCALE IN FEET
ORIGINAL SCALE

REFERENCE DRAWINGS

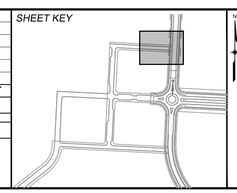
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Niceville, FL 32578
Phone: 850-678-2223

PREPARED BY:

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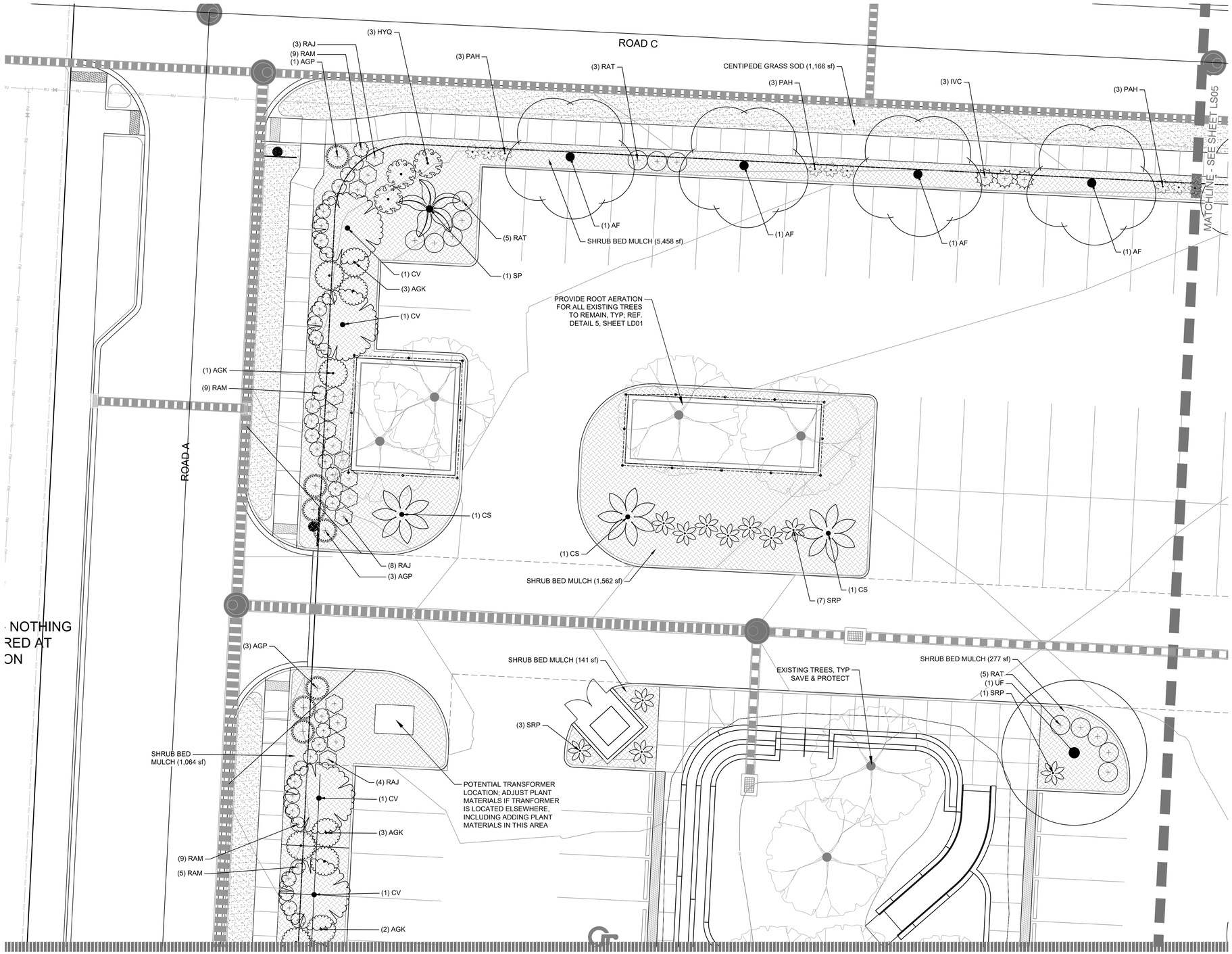
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

CONSTRUCTION DOCUMENTS

LANDSCAPE PLAN - NORTHEAST

DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.			LS05
CHECKED BY:	TK	VERT.	SHEET	55 OF 57	



PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME
DECIDUOUS TREES		
	AF	ACER RUBRUM 'FLORIDA FLAME' FLORIDA FLAME RED MAPLE
	UA	ULMUS ALATA WINGED ELM
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ORNAMENTAL GRASSES		
	OPJ	OPHIOPOGON JAPONICUS MONDO GRASS
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SHRUB AREAS		
	LBR	LANTANA CAMARA 'UF-1013A-2A' BLOOMIFY™ RED LANTANA

CONCEPT PLANT SCHEDULE

ZOYSIA TURF SOD
PALISADES ZOYSIA TURF - REF NOTES

SHRUB BED MULCH
MELALEUCA MULCH, 3" DEPTH

CALL SUNSHINE 48 HOURS
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1-800-432-4770
DIG SAFELY

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SCALE IN FEET
ORIGINAL SCALE

REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

REVISIONS

COMPUTER FILE MANAGEMENT

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Ruckel Properties, Inc.
REAL ESTATE & DEVELOPMENT
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PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK

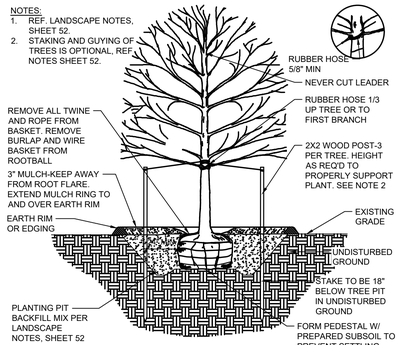
CONSTRUCTION DOCUMENTS

LANDSCAPE PLAN - NORTHWEST

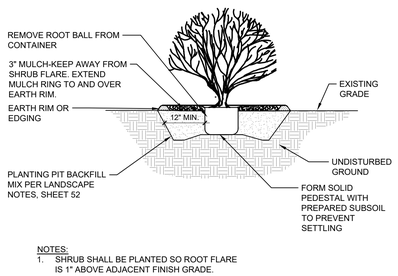
DESIGNED BY:	TK	SCALE	DATE ISSUED:	MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET	56 OF 57	LS06
CHECKED BY:	TK	VERT.			

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NOTES:
1. REF. LANDSCAPE NOTES, SHEET 52.
2. STAKING AND GUYING OF TREES IS OPTIONAL, REF. NOTES SHEET 52.

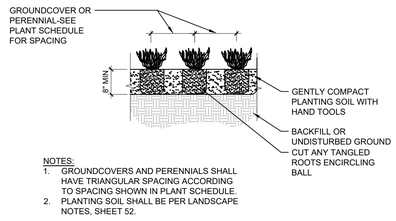


1 DECIDUOUS TREE PLANTING
NTS MD-DM-29



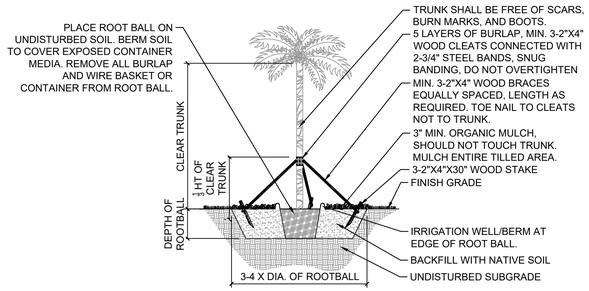
NOTES:
1. SHRUB SHALL BE PLANTED SO ROOT FLARE IS 1" ABOVE ADJACENT FINISH GRADE.

2 SHRUB PLANTING
NTS MD-DM-28



NOTES:
1. GROUNDCOVERS AND PERENNIALS SHALL HAVE TRIANGULAR SPACING ACCORDING TO SPACING SHOWN IN PLANT SCHEDULE.
2. PLANTING SOIL SHALL BE PER LANDSCAPE NOTES, SHEET 52.

3 PERENNIAL / GRASS PLANTING
NTS MD-DM-30



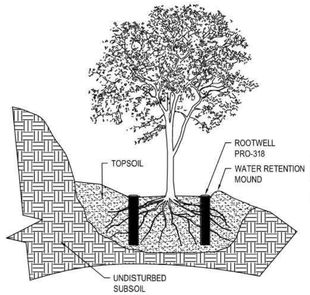
4 PALM TREE PLANTING
NTS MD-DM-31

ROOTWELL™

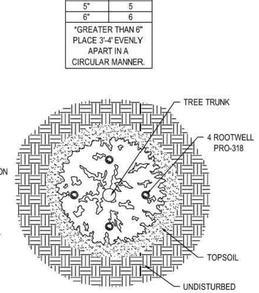
ROOTWELL PRODUCTS INC.
2550 TELEGRAPH RD SUITE 110
BLOOMFIELD HILLS, MI 48302
PHONE: (248) 761-3805
www.rootwell.com

CALIPER	QUANTITY
2"	2-3
3"	3
4"	4
5"	5
6"	6

*GREATER THAN 6" PLACE 3'-4' EVENLY APART IN A CIRCULAR MANNER.



SECTION VIEW



PLAN VIEW

MANUFACTURER NOTES:
1. EXISTING TREES REQUIRE THE ROOTWELL TO BE PLACED APPROXIMATELY 2.5' TO 4' FROM THE TRUNK, OR ON LARGE TREES AS CLOSE AS POSSIBLE. TREE ROOTS ARE NOT AT THE DRIP LINE, BUT ARE MUCH CLOSER TO THE TRUNK WHEN TREES ARE IN STRESS, IN DECLINE, OR IN COMPACTED SOILS.
2. USE THE QUANTITY GUIDE ABOVE AND EVENLY SPACE THE ROOTWELLS APART. ON LARGER TREES LOCATE THE ROOTWELLS IN A CIRCULAR MANNER AROUND THE TREE APPROXIMATELY 3-4' APART. PLACE THE CAP'S TOP LIP/FLANGE SO IT IS FLUSH ON THE GROUND TO ALLOW FOR MOWING CLEARANCE.

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5203-003

EXISTING TREE / HILLSIDE APPLICATION
EXISITING TREE: HILLSIDE APPLICATION

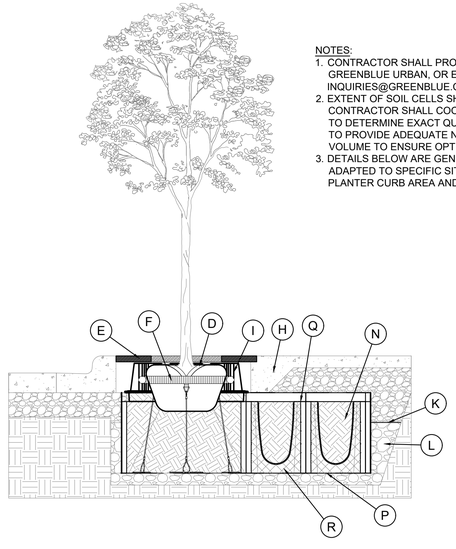
5203-003 REVISION DATE 20/12/2017

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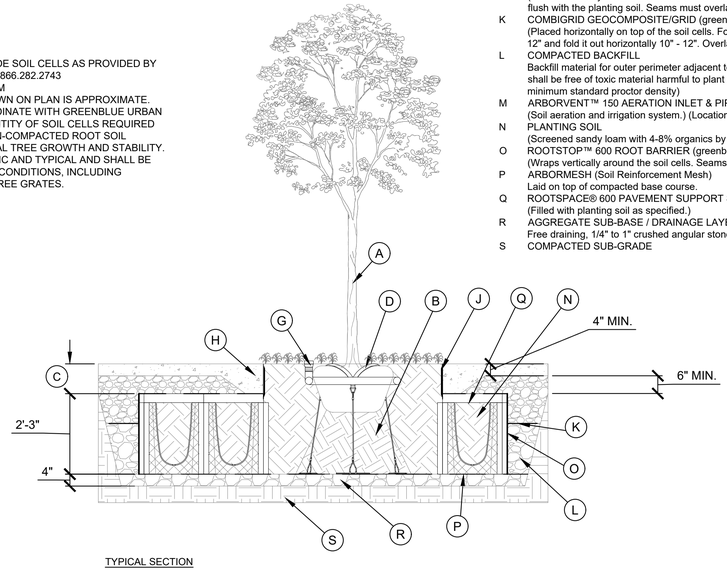
NOTES:
1. PROVIDE ROOTWELL PRO-318 SYSTEM FOR ALL EXISTING TREES IN PARKING LOT WITH WALLS SHOWN AROUND THEM, PER DETAIL ABOVE (HILLSIDE IN DETAIL WOULD BE A KEYSTONE WALL ON OUR SITE)
2. NOTE INCREASED NUMBER OF ROOTWELLS REQUIRED FOR LARGE CALIPER TREES.

5 ROOT AERATION SYSTEM
NTS MD-DM-32

NOTES:
1. CONTRACTOR SHALL PROVIDE SOIL CELLS AS PROVIDED BY GREENBLUE URBAN, OR EQ. 866.282.2743 INQUIRIES@GREENBLUE.COM
2. EXTENT OF SOIL CELLS SHOWN ON PLAN IS APPROXIMATE. CONTRACTOR SHALL COORDINATE WITH GREENBLUE URBAN TO DETERMINE EXACT QUANTITY OF SOIL CELLS REQUIRED TO PROVIDE ADEQUATE NON-COMPACTED ROOT SOIL VOLUME TO ENSURE OPTIMAL TREE GROWTH AND STABILITY.
3. DETAILS BELOW ARE GENERIC AND TYPICAL AND SHALL BE ADAPTED TO SPECIFIC SITE CONDITIONS, INCLUDING PLANTER CURB AREA AND TREE GRATES.



SECTION AT TREE GRATE



TYPICAL SECTION

6 SOIL CELLS SYSTEM
1/2" = 1'-0" MD-DM-33

○ ROOTSPACE ARBOR SYSTEM KEYED NOTES

A TREE
(See details for species and proper planting depth.)
B COMPACTED SOIL BASE TO SUPPORT ROOTBALL, OR AS SPECIFIED.
C SURFACE & COMPACTED AGGREGATE PAVEMENT BASE
(Design per specifications. Thicken edge at treepit opening. Compact to 95% minimum standard proctor density.)
D ARBORGUY™ ANCHORPLATE ROOTBALL ANCHORING SYSTEM (greenblue.com/anchorplate)
E TREE GRATE AND GUARD, IF SPECIFIED
(refer to additional specifications)
F ROOTRAIN™ HYDROGRILLE INLET & PIPE (greenblue.com/rootrain-hydrogrille)
(Rootball irrigation and aeration system.)
G ROOTRAIN™ CIVIC INLET & PIPE (greenblue.com/rootrain-civic)
(Rootball irrigation and aeration system.)
H CONCRETE HAUNCH TO SUPPORT TREE GRATE (If specified)
I ROOTDIRECTOR™ 1000 MODULAR ROOT MANAGEMENT SYSTEM (greenblue.com/rootdirector)
(Installed on top of the RootSpace® System. Cut the Geocomposite fabric and lap it up the outside of the RootDirector™.)
J REROOT™ 300 ROOT BARRIER (greenblue.com/reroot)
(Placed vertically around the inside of the treepit opening with the ribs facing the tree. Top of barrier must be flush with the planting soil. Seams must overlap 6" - 8" and be sealed with joining tape.)
K COMBIGRID GEOCOMPOSITE/GRID (greenblue.com)
(Placed horizontally on top of the soil cells. Fold the geocomposite/grid down the outer edge of RootSpace 10" - 12" and fold it out horizontally 10" - 12". Overlap seams 10" - 12") (Option - Soil geogrid)
L COMPACTED BACKFILL
Backfill material for outer perimeter adjacent to soil cells shall be free of organic material, trash and other debris, shall be free of toxic material harmful to plant growth. (Compactable fill or as specified.) (Compact to 95% minimum standard proctor density)
M ARBORVENT™ 150 AERATION INLET & PIPE (greenblue.com/arborvent)
(Soil aeration and irrigation system.) (Location as per plans.) Cast-in-place support collar if required.
N PLANTING SOIL
(Screened sandy loam with 4-8% organics by volume. See Planting Soil Specification.) (Foot compaction only.)
O ROOTSTOP™ 600 ROOT BARRIER (greenblue.com/rootstop)
(Wraps vertically around the soil cells. Seams must overlap 10" - 12" and be sealed with joining tape.)
P ARBORMESH (Soil Reinforcement Mesh)
Laid on top of compacted base course.
Q ROOTSPACE® 600 PAVEMENT SUPPORT SYSTEM / 1-LAYER (greenblue.com/rootspace)
(Filled with planting soil as specified.)
R AGGREGATE SUB-BASE / DRAINAGE LAYER
Free draining, 1/4" to 1" crushed angular stone. Compact to minimum of 95% standard proctor density.
S COMPACTED SUB-GRADE

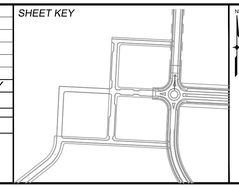
REFERENCE DRAWINGS

No.	DATE	DESCRIPTION	BY

REVISIONS

COMPUTER FILE MANAGEMENT
FILE NAME: R:\22.765.009 (Deer Moss Creek Town Center)\500 CADD\504 Plan Sets\Construction Plans\DMC-Ph2 N_Block\LD01.dwg
CTB FILE: Matrix.ctb
PLOT DATE: March 17, 2026 4:25:58 PM
THIS DRAWING IS CURRENT AS OF PLOT DATE AND MAY BE SUBJECT TO CHANGE.

SHEET KEY



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SEAL
FOR AND ON BEHALF OF MATRIX DESIGN GROUP, INC.
PROJECT No. 22.765.009

DEER MOSS CREEK - TOWN CENTER PH 2 - N. BLOCK
CONSTRUCTION DOCUMENTS
PLANTING DETAILS

DESIGNED BY:	TK	SCALE	DATE ISSUED: MAR 2026	DRAWING No.
DRAWN BY:	TF	HORIZ.	SHEET 57 OF 57	LD01
CHECKED BY:	TK	VERT.		