

SAN FELASCO TECH CITY PHASE 4 SITE PLAN

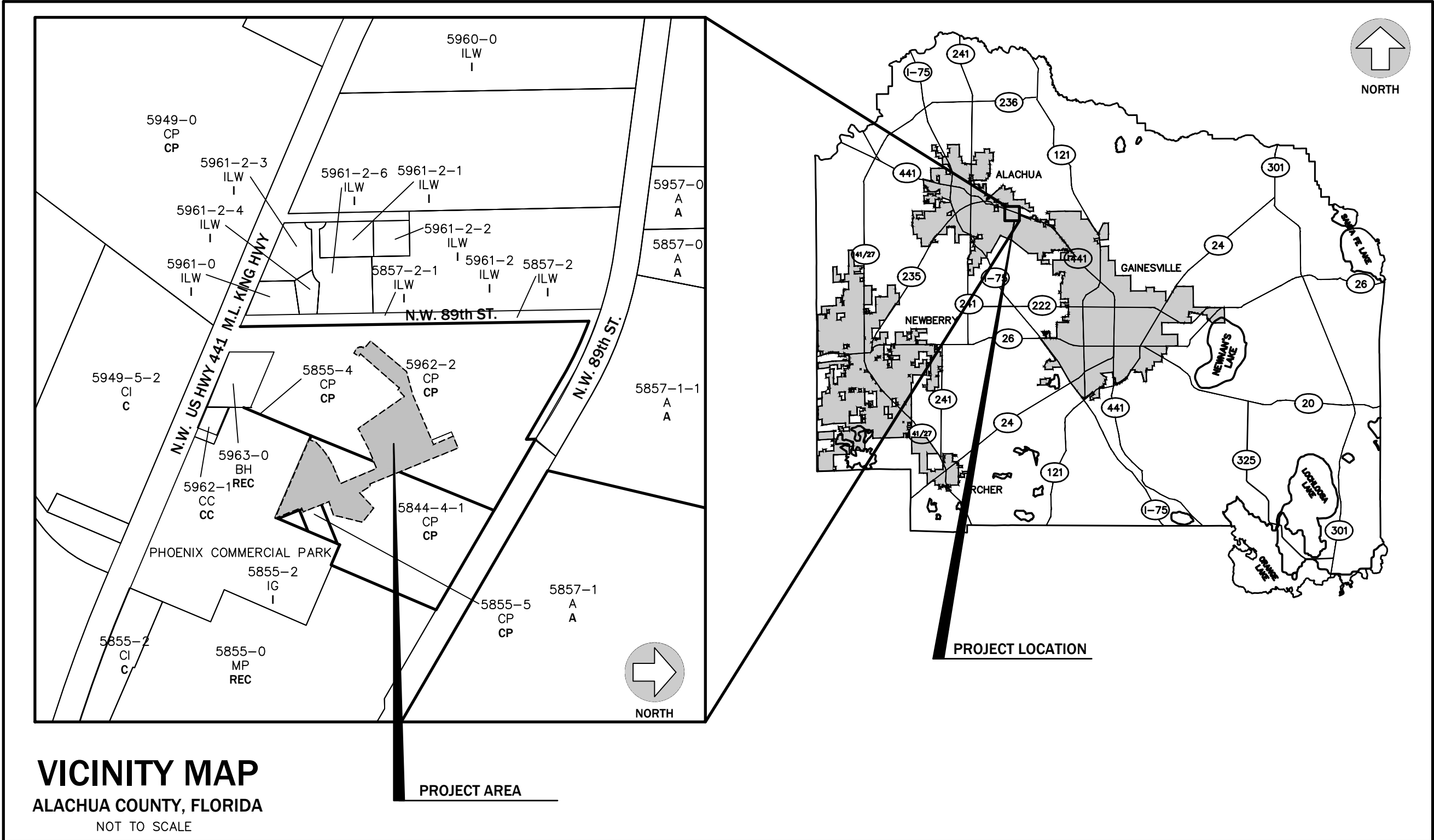
CITY OF ALACHUA, FLORIDA

DEVELOPMENT INFORMATION		
1.	PROJECT OWNER:	LASER INVESTMENT GROUP, LLC 3201 SW 42ND STR, SUITE 2 GAINESVILLE, FLORIDA 32608
2.	NAME OF PROJECT:	SAN FELASCO TECH CITY – PHASE 4 SITE PLAN
3.	PROJECT DESCRIPTION:	CONSTRUCTION OF 10 SINGLE RESIDENTIAL UNITS, 20 ATTACHED RESIDENTIAL UNITS, THREE (3) R&D BUILDINGS WITH A TOTAL OF 87,861 S.F., A PAVILION BUILDING AND A NEIGHBORHOOD RECREATION CENTER.
4.	PROJECT ADDRESS:	13900 TECH CITY CIRCLE
5.	TAX PARCEL NUMBER:	05962-002-000 (PORTION OF), 05844-004-001 (PORTION OF), AND 05855-005-000 (PORTION OF), 05962-002-001 (PORTION OF), 05962-002-002 (PORTION OF), 05962-002-003 (PORTION OF), 05844-004-002 (PORTION OF)
6.	SECTION/TOWNSHIP/RANGE:	SECTION 20, TOWNSHIP 08 SOUTH, RANGE 19 EAST
7.	ZONING:	CORPORATE PARK, IG
8.	FUTURE LAND USE DESIGNATION:	CORPORATE PARK, INDUSTRIAL
9.	A FLOOD PLAIN IS LOCATED WITHIN THE PARCEL, BUT NO IMPACT IS PROPOSED WITH THIS PHASE OF THE PROJECT.	
10.	IRRIGATION SYSTEM IS PROVIDED FOR LANDSCAPED AREAS	
11.	THE PROJECT SITE WILL MEET ALL NPDES CRITERIA DURING AND AFTER CONSTRUCTION.	
12.	WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED THAT SHELL BE INSTALLED, COMPLETED AND IN SERVICE PRIOR TO COMMENCING CONSTRUCTION WORK ON ANY STRUCTURE PER NFPA 1 SECTION 16.4.3.1.3.	

PHASE 4 PROJECT AREA IMPERVIOUS AREA CALCULATIONS			
	SF	AC	%
TOTAL PROJECT AREA	547,131	12.56	100%
BUILDING COVERAGE	104,747	2.40	19.1%
PAVEMENT/SIDEWALK AREA	214,980	4.94	39.3%
DWELLING UNIT AREA	12,150	0.28	2.2%
TOTAL IMPERVIOUS	331,877	7.62	60.7%
OPEN AREA	215,254	4.94	39.3%
FLOOR TO AREA RATIO	104,747 SF BUILDING AREA PER 547,131 SF PROJECT AREA = 0.19 FLOOR TO AREA RATIO		
TOTAL SITE IMPERVIOUS AREA AND DENSITY CALCULATIONS			
DESCRIPTION	SF	AC	%
TOTAL SITE AREA	3,601,461	82.68	100%
TOTAL BUILDING COVERAGE	288,637	6.63	8.0%
TOTAL PAVEMENT/SIDEWALK	631,311	14.49	17.5%
TOTAL IMPERVIOUS	919,948	21.12	25.5%
GROSS DEVELOPED AREA	2,324,560	53.36	64.5%
DENSITY	104 UNITS/53.36 AC = 1.94 UNIT/AC		

PHASE 4 BUILDING COVERAGE	
BUILDING E	30,635
BUILDING F	30,020
BUILDING I	27,758
PAVILLION	1,044
NEIGHBORHOOD RECREATION CENTER	3,140
TOTAL COMMERCIAL	92,597
STILT HOMES	4,670
MULTI-FAMILY	7,480
TOTAL RESIDENTIAL	12,150
TOTAL	104,747

PARKING CALCULATIONS							
USE	CODE MIN. (SPACES)	@ 125% (SPACES)	PROVIDED (SPACES)	HANDICAP REQUIRED	HANDICAP PROVIDED	BICYCLE REQUIRED	BICYCLE PROVIDED
PHASE 1	158	198	164	6	7	16	16
PHASE 2	174	218	174	6	7	18	20
PHASE 3 RESIDENTIAL	148	185	265	7	7	16	24
PHASE 3 RESTAURANT W/ DRIVE THRU	22	28					
PHASE 4 - NEIGHBORHOOD RECREATION CENTER**	42	53	455	9	13	37	58
PHASE 4 - CLUBHOUSE**	13	16					
PHASE 4 - RESIDENTIAL*	60	75					
PHASE 4 -COMMERCIAL (LIGHT MANUFACTURING)***	253	316					
PHASE 4 - TOTAL	368	460	1,058	28	34	87	118
TOTAL PERMITTED	870	1,087					
TOTAL PROPOSED			1,058	28	34	87	118
ON-STREET PARKING			31				
* RESIDENTIAL UNITS (SINGLE FAMILY ATTACHED AND DETACHED) 2 SPACES PER UNIT							
** NEIGHBORHOOD RECREATION CENTER - 1 SPACE PER 3 PERSONS DESIGN CAPACITY (CLUBHOUSE = 38 PERSONS , NEIGHBORHOOD RECREATION CENTER = 126 PERSONS)							
*** COMMERCIAL - 1 SPACE PER 350 SF LIGHT MANUFACTURING							
SAN FELASCO TECH CITY IS A MIXED USE CAMPUS IN CP ZONING							
PARKING IS FOR ALL USES AND IS MIXED THROUGHOUT							
ALL USES COMPLY WITH MIN/MAX CODE ESP. 6.1.4(3)(5) - RULE "125% RULE"							



VICINITY MAP
ALACHUA COUNTY, FLORIDA
NOT TO SCALE

LEGEND:

ZONING:
ILW
CJ
BH
CC
MP
CP
IG

— LIGHT AND WAREHOUSE INDUSTRIAL
— COMMERCIAL INTENSIVE
— BUSINESS HIGHWAY
— COMMUNITY COMMERCIAL DISTRICT
— INDUSTRIAL SERVICES AND MANUFACTURING
— CORPORATE PARK
— INDUSTRIAL GENERAL

FUTURE LAND USE:

C — COMMERCIAL
CC — COMMUNITY COMMERCIAL
I — INDUSTRIAL
REC — RURAL EMPLOYMENT CENTER
CP — CORPORATE PARK

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
C100	COVER SHEET
C110	LEGEND, SYMBOLS & GENERAL NOTES
C115	OVERALL ZONING EXHIBIT
C120	OVERALL DEVELOPMENT PLAN
C130	OVERALL TREE CLEARING, EROSION & SEDIMENTATION CONTROL PLAN
C140	DEMOLITION, TREE CLEARING AND EROSION CONTROL PLAN (1 OF 5)
C150	DEMOLITION, TREE CLEARING AND EROSION CONTROL PLAN (2 OF 5)
C160	DEMOLITION, TREE CLEARING AND EROSION CONTROL PLAN (3 OF 5)
C170	DEMOLITION, TREE CLEARING AND EROSION CONTROL PLAN (4 OF 5)
C180	DEMOLITION, TREE CLEARING AND EROSION CONTROL PLAN (5 OF 5)
C200	DIMENSION PLAN (1 OF 5)
C210	DIMENSION PLAN (2 OF 5)
C220	DIMENSION PLAN (3 OF 5)
C230	DIMENSION PLAN (4 OF 5)
C240	DIMENSION PLAN (5 OF 5)
C300	OVERALL PAVING, GRADING AND DRAINAGE PLAN
C310	PRE-DEVELOPMENT DRAINAGE MAP
C315	POST — DEVELOPMENT DRAINAGE MAP
C320	PAVING, GRADING AND DRAINAGE (1 OF 5)
C330	PAVING, GRADING AND DRAINAGE (2 OF 5)
C340	PAVING, GRADING AND DRAINAGE (3 OF 5)
C350	PAVING, GRADING AND DRAINAGE (4 OF 5)
C360	PAVING, GRADING AND DRAINAGE (5 OF 5)
C370	PAVING, GRADING DETAILS AND NOTES
C380	STORMWATER POLLUTION PREVENTION PLAN
C400	OVERALL UTILITY PLAN
C410	UTILITY PLAN (1 OF 5)
C420	UTILITY PLAN (2 OF 5)
C430	UTILITY PLAN (3 OF 5)
C440	UTILITY PLAN (4 OF 5)
C450	UTILITY PLAN (5 OF 5)
C460	UTILITY DETAILS
L SERIES	LANDSCAPE PLANS (BY OTHERS)
A SERIES	ARCHITECTURAL PLANS (BY OTHERS)
V SERIES	BOUNDARY AND TOPOGRAPHIC SURVEY
E SERIES	PHOTOMETRIC PLANS (BY OTHERS)

LEGAL DESCRIPTION

LEGAL DESCRIPTION: (PER OFFICIAL RECORDS BOOK 3842, PAGE 1386)

A PARCEL OF LAND LOCATED IN SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A FOUND IRON PIN MARKING THE SOUTHEAST CORNER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA; THENCE WEST A DISTANCE OF 1313.40 FEET TO A POINT; THENCE NORTH A DISTANCE OF 218.99 FEET TO A FOUND 3/4" IRON PIN MARKING A POINT ON THE NORTH RIGHT-OF-WAY LINE OF U. S. HIGHWAY NO. 441 (200 FOOT RIGHT-OF-WAY); THENCE ALONG SAID NORTH RIGHT-OF-WAY LINE, NORTH 72 DEG. 51 MIN. 49 SEC. WEST A DISTANCE OF 171.11 FEET TO A FOUND 5/8 INCH IRON PIN (FLORIDA D.O.T.) MARKING THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTHEAST, HAVING A DELTA OF 06 DEG. 52 MIN. 05 SEC. A RADIUS OF 11424.66 FEET AND A CHORD BEARING NORTH 69 DEG. 24 MIN. 13 SEC. WEST, 1368.62 FEET; THENCE ALONG THE ARC OF SAID CURVE A DISTANCE OF 1369.44 FEET TO A FOUND 6" X 8" CONCRETE MONUMENT (FLORIDA D.O.T.); THENCE NORTH 65 DEG. 59 MIN. 42 SEC. WEST A DISTANCE OF 1385.74 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524); THENCE DEPARTING SAID NORTH RIGHT-OF-WAY LINE, NORTH 22 DEG. 09 MIN. 10 SEC. EAST A DISTANCE OF 159.44 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524); THENCE NORTH 66 DEG. 13 MIN. 12 SEC. WEST A DISTANCE OF 228.98 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524); THENCE NORTH 01 DEG. 01 DEG. 53 MIN. 25 SEC. EAST A DISTANCE OF 169.02 FEET TO A FOUND 4" X 4" CONCRETE MONUMENT (PLS #940) MARKING THE POINT OF BEGINNING; THENCE NORTH 23 DEG. 50 MIN. 23 SEC. EAST A DISTANCE OF 2014.63 FEET TO A SET 5/8 INCH REBAR AND CAP (#3524) MARKING A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF SEABOARD COAST LINE RAILROAD(200 FOOT RIGHT-OF-WAY); THENCE ALONG SAID SOUTH RIGHT-OF-WAY LINE OF SEABOARD COAST LINE RAILROAD, NORTH 58 DEG. 44 MIN. 53 SEC. WEST A DISTANCE OF 624.24 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524); THENCE DEPARTING SAID SOUTH RIGHT-OF-WAY LINE, SOUTH 00 DEG. 37 MIN. 49 SEC. EAST A DISTANCE OF 70.65 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524); THENCE NORTH 58 DEG. 44 MIN. 53 SEC. WEST A DISTANCE OF 547.93 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524) MARKING THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHWEST, HAVING A DELTA OF 10 DEG. 00 MIN. 21 SEC.; A RADIUS OF 2712.51 FEET AND A CHORD BEARING NORTH 63 DEG. 45 MIN. 03 SEC. WEST, 473.11 FEET; THENCE ALONG THE ARC OF SAID CURVE A DISTANCE OF 473.71 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524); THENCE SOUTH 00 DEG. 08 MIN. 45 SEC. WEST A DISTANCE OF 2657.79 FEET TO A FOUND 5/8 INCH REBAR AND CAP (#3524) MARKING A POINT ON SAID NORTH RIGHT-OF-WAY LINE OF U. S. HIGHWAY NO. 441; THENCE ALONG SAID NORTH RIGHT-OF-WAY LINE, SOUTH 00 MIN. 09 SEC. EAST A DISTANCE OF 209.40 FEET TO A FOUND 4" X 4" CONCRETE MONUMENT; THENCE DEPARTING SAID NORTH RIGHT-OF-WAY LINE, NORTH 01 DEG. 07 MIN. 22 SEC. EAST A DISTANCE OF 340.98 FEET TO A FOUND 4" X 4" CONCRETE MONUMENT; THENCE SOUTH 65 DEG. 57 MIN. 03 SEC. EAST A DISTANCE OF 460.08 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH A PERPETUAL, NON-EXCLUSIVE AND UNRESTRICTED EASEMENT OVER, UNDER AND ACROSS THE FOLLOWING TWO PARCELS OF REAL PROPERTY.

EASEMENT PARCEL #1

COMMENCE AT THE HALF MILE CORNER ON THE NORTH LINE OF SECTION 19, TOWNSHIP 8 SOUTH, RANGE 19 EAST, AND RUN SOUTH 499.11 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF THE SEABOARD COASTLINE RAILROAD; THENCE RUN, SOUTH 81 DEG. 45' 10" EAST ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE 2797.03 FEET TO THE P.C. OF A CURVE CONCAVE TO THE SOUTHWEST AND HAVING A RADIUS AT 2764.93 FEET; THENCE RUN SOUTHEASTERLY ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE AN ARC DISTANCE OF 498.99 FEET TO A CONCRETE MONUMENT AT THE NORTHWEST CORNER OF GENERAL ELECTRIC CO. PROPERTY, SAID POINT BEING THE P.O.B.; THENCE CONTINUE SOUTHEASTERLY ALONG SAID RIGHT-OF-WAY AN ARC DISTANCE OF 31.68 FEET AND A CHORD BEARING AND DISTANCE OF SOUTH 7L DEG. 06' 52" EAST 31.68 FEET; THENCE RUN SOUTH 00 DEG. 08' 45" WEST PARALLEL WITH AND 30 FEET FROM THE WEST LINE OF SAID GENERAL ELECTRIC CO. PROPERTY, 2718.29 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE AT U.S. HIGHWAY NO. 441 (STATE ROAD NO. 25); THENCE RUN NORTH 66 DEG. 00' 06" WEST ALONG SAID RIGHT-OF-WAY LINE 32.8 FEET TO THE SOUTHWEST CORNER OF SAID PROPERTY, BEING A CONCRETE MONUMENT; THENCE RUN NORTH 00 DEG. 08' 45" EAST ALONG THE WEST LINE AT SAID PROPERTY 2718.11 FEET TO THE P.O.B., BEING AND LYING IN SECTION 30, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA.

EASEMENT PARCEL #1

COMMENCE AT THE HALF MILE CORNER ON THE NORTH LINE OR SECTION 19, TOWNSHIP 8 SOUTH, RANGE 19 EAST AND RUN SOUTH 499.11 FEET TO THE SOUTHERLY RIGHT-OF-WAY LINE OF THE SEABOARD COASTLINE RAILROAD; THENCE RUN SOUTH 81 DEG. 45' 18" EAST ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE 2797.03 FEET TO THE P.C. OF A CURVE CONCAVE TO THE SOUTHWEST AND HAVING A RADIUS OF 2764.93 FEET; THENCE RUN SOUTHEASTERLY ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE AN ARC DISTANCE OF 498.99 FEET TO A CONCRETE MONUMENT AT THE NORTHWEST CORNER OF GENERAL ELECTRIC CO. PROPERTY; THENCE CONTINUE SOUTHEASTERLY ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE AN ARC DISTANCE OF 31.68 FEET AND A CHORD BEARING AND DISTANCE OF SOUTH 71 DEG. 06' 52" EAST 31.68 FEET TO THE P.O.B.; THENCE CONTINUE SOUTHEASTERLY ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE AN ARC DISTANCE OF 582.25 FEET AND A CHORD BEARING AND DISTANCE OF SOUTH 64 DEG. 45' 10" EAST 581.11 FEET TO THE P.T. OF SAID CURVE; THENCE CONTINUE ALONG SAID RIGHT-OF-WAY LINE SOUTH 58 DEG. 43' 12" EAST 510.61 FEET; THENCE RUN SOUTH 00 DEG. 37' 54" EAST 70.68 FEET; THENCE RUN NORTH 58 DEG. 43' 12" WEST PARALLEL WITH AND 60 FEET FROM THE SOUTHERLY RIGHT-OF-WAY LINE OF SAID RAILROAD, 547.97 FEET TO THE P.C. OF A CURVE CONCAVE TO THE SOUTHWEST AND HAVING A RADIUS AT 2704.93 FEET; THENCE RUN NORTHWESTERLY ALONG SAID RIGHT-OF-WAY LINE AN ARC DISTANCE OF 464.91 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 63 DEG. 51' 21" WEST 484.26 FEET; THENCE RUN SOUTH 08 DEG. 08' 45" WEST PARALLEL WITH AND 90 FEET EAST OF THE WEST LINE OF SAID G. E. PROPERTY 2659.10 FEET TO THE NORTH RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 441 (STATE ROAD NO. 25); THENCE RUN NORTH 66 DEG. 00' 06" WEST ALONG SAID RIGHT-OF-WAY LINE 65.6 FEET; THENCE RUN NORTH 00 DEG. 08' 45" EAST 2718.2 FEET TO THE P.O.B. BEING AND LYING IN SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA.

TOGETHER WITH:

A PORTION OF PARCEL A AS RECORDED IN OFFICIAL RECORDS BOOK 3527, PAGE 1217 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA; THENCE WEST A DISTANCE OF 1313.40 FEET; THENCE NORTH A DISTANCE OF 218.99 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 441 (200 FOOT RIGHT-OF-WAY); THENCE NORTH 72' 51' 47" WEST ON SAID NORTH RIGHT-OF-WAY LINE A DISTANCE OF 171.11 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE NORTHEAST HAVING A DELTA OF 06' 52' 05", A RADIUS OF 11424.66 FEET AND A CHORD BEARING AND DISTANCE OF NORTH 69' 24' 13" WEST, 1368.62 FEET; THENCE NORTHWESTERLY ON THE ARC OF SAID CURVE A DISTANCE OF 1369.44 FEET; THENCE NORTH 66' 00' 17" WEST, A DISTANCE OF 58.98 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL A; THENCE ON THE BOUNDARY OF SAID PARCEL A THE FOLLOWING SEVEN (7) COURSES AND DISTANCES:

1. LEAVING SAID NORTH RIGHT-OF-WAY LINE, NORTH 23' 59' 25" EAST, A DISTANCE OF 664.68 FEET;
2. THENCE NORTH 66' 04' 35" WEST, A DISTANCE OF 265.85 FEET;
3. THENCE NORTH 24' 28' 46" EAST, A DISTANCE OF 680.88 FEET;
4. THENCE NORTH 65' 49' 12" WEST, A DISTANCE OF 500.01 FEET TO THE POINT OF BEGINNING OF THE FOLLOWING DESCRIBED PARCEL OF LAND;
5. THENCE NORTH 24' 11' 00" EAST, A DISTANCE OF 870.43 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF THE SEABOARD COAST LINE RAILROAD (200' RIGHT-OF-WAY);
6. THENCE NORTH 58' 45' 42" WEST, ON SAID SOUTH RIGHT-OF-WAY LINE, A DISTANCE OF 881.26 FEET;
7. THENCE SOUTH 23' 50' 23" WEST, A DISTANCE OF 1504.88 FEET;

THENCE LEAVING SAID BOUNDARY SOUTH 65' 30' 13" EAST, A DISTANCE OF 699.02 FEET; THENCE NORTH 24' 02' 31" EAST, A DISTANCE OF 530.00 FEET TO A POINT ON THE NORTHWESTERLY PROJECTION OF THE BOUNDARY OF SAID PARCEL A; THENCE SOUTH 65' 49' 12" EAST ON SAID NORTHWESTERLY PROJECTION, A DISTANCE OF 167.86 FEET TO THE POINT OF BEGINNING.

SAID LANDS LYING AND BEING IN THE CITY OF ALACHUA, ALACHUA COUNTY, FLORIDA AND CONTAINING AN AREA OF 26.98 ACRES MORE OR LESS.

TOGETHER WITH:

A PORTION OF TAX PARCEL 05855-004-000

A 20 FOOT WIDE STRIP OF LAND LOCATED IN SECTION 20, TOWNSHIP 8 SOUTH, RANGE 19 EAST, ALACHUA COUNTY, FLORIDA, BEING A PORTION OF PARCEL A AS RECORDED IN OFFICIAL RECORDS BOOK 3527, PAGE 1217 OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SAID PARCEL A, BEING ON THE NORTH RIGHT-OF-WAY LINE OF U.S. HIGHWAY 441; THENCE ON THE BOUNDARY OF SAID PARCEL A THE FOLLOWING FIVE (5)
1) NORTH 66 DEGREES 00 MINUTES 17 SECONDS WEST ON SAID RIGHT-OF-WAY LINE, A DISTANCE OF 1,251.02 FEET;
2) THENCE NORTH 22 DEGREES 09 MINUTES 10 SECONDS EAST, A DISTANCE OF 158.74 FEET;
3) THENCE NORTH 66 DEGREES 13 MINUTES 12 SECONDS WEST, A DISTANCE OF 305.43 FEET;
4) THENCE NORTH 01DEGREES33 MINUTES 25 SECONDS EAST, A DISTANCE OF 116.27 FEET TO THE POINT OF BEGINNING;
5) THENCE CONTINUE NORTH 01 DEGREES 33 MINUTES 25 SECONDS EAST, A DISTANCE OF 52.75 FEET TO A POINT ON THE WESTERLY LINE OF SAID PARCEL A;
THENCE NORTH 23 DEGREES 50 MINUTES 23 SECONDS EAST ON SAID WESTERLY LINE, A DISTANCE OF 509.75 FEET TO A POINT ON THE SOUTHERLYMOST SOUTH LINE OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 4637, PAGE 2216 OF SAID PUBLIC RECORDS; THENCE SOUTH 65 DEGREES 30 MINUTES 13 SECONDS EAST ON SAID SOUTH LINE, A DISTANCE OF 20.00 FEET; THENCE SOUTH 23 DEGREES 50 MINUTES 23 SECONDS WEST ON A LINE 20 FEET EAST OF AND PARALLEL WITH SAID WESTERLY LINE, A DISTANCE OF 558.33 FEET TO THE POINT OF BEGINNING. SAID PARCEL OF LAND CONTAINING AN AREA OF 0.25 ACRES MORE OR LESS.



EB 2389
720 S.W. 2nd Ave, South Tower, Suite 300
GAINESVILLE, FLORIDA 32601
TEL: (352) 373-3541
www.edafl.com mail@edafl.com

No.	Date	Comment

THE ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
CLAUDIA S. VEGA, P.E., ON THE DATE ADJACENT TO THE SEAL.
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SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Project No: 21-087

Project phase:

CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:

COVER SHEET

Designed:

CSV

Sheet No.:

Drawn:

MAB

Checked:

DJM

Date: 06/23/22

C100

EXISTING SYMBOLS & ABBREVIATIONS

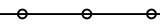
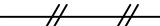
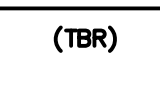
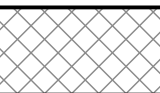

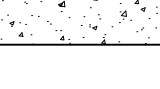



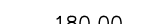

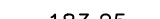
C	=	CENTERLINE
cnp	=	CORRUGATED METAL PIPE
conc	=	CONCRETE
cor	=	CORNER
D	=	DELTA (CENTRAL) ANGLE
R	=	RADIUS
A	=	ARC
T	=	TANGENT
CB	=	CHORD BEARING
CD	=	CHORD DISTANCE
db	=	DUCTILE IRON PIPE
ELEV	=	ELEVATION
ecmp	=	ELLIPTICAL CORRUGATED METAL PIPE
ercp	=	ELLIPTICAL REINFORCED CONCRETE PIPE
ENT	=	ENTRIFICATION
inv	=	INVERT
F.D.O.T.	=	FLORIDA DEPARTMENT OF TRANSPORTATION
F.F.	=	FINISHED FLOOR
M.E.S.	=	MITERED END SECTION
No.	=	NUMBER
O.R.	=	OFFICIAL RECORDS BOOK
P.G.S.	=	PAGES
PVC	=	POLY-VINYL CHLORIDE
RCP	=	REINFORCED CONCRETE PIPE
R/W	=	RIGHT OF WAY
SEC	=	SECTION
TRANS	=	ELECTRICAL TRANSFORMER PAD
w/	=	WITH
ANCH	=	GUY ANCHOR
O HO	=	WATER BLOW OFF
O CO	=	SANITARY CLEAN-OUT
■	=	FOUND CONCRETE MONUMENT (size, ID)
●	=	FOUND DRILL HOLE
○	=	FOUND IRON PIPE (size, ID)
●	=	FOUND NAIL & DISK (ID)
●	=	FOUND REBAR & CAP (size, ID)
●	=	FOUND SPOKE
GM	=	GAS METER
GV	=	GAS VALVE
GP	=	GUY POLE
EH	=	ELECTRICAL HANDHOLE
TH	=	FIRE HYDRANT
IRRIG VALV	=	IRRIGATION VALVE
LT PL	=	LIGHT POLE
MAIL BOX	=	MAIL BOX
MANHOLE	=	MANHOLE
MH	=	MANHOLE (C101, typ.)
STC	=	STORMWATER CLEAN-OUT (C400, typ.)
PP	=	POWER POLE
○	=	SET 5" REBAR & CAP (LB 2389)
□	=	SET CONCRETE MONUMENT (PRM LB 2389)
○	=	SET NAIL & DISC (PRM LB 2389)
●	=	SET SPIKE
●	=	SHRUB
○	=	SIGN
TEL	=	TELEPHONE RISER
TEL R	=	CABLE TELEVISION RISER
WM	=	WATER METER
WV	=	WATER VALVE
ELEV CONTOUR LINE	=	ELEVATION CONTOUR LINE
FENCE LINE	=	FENCE LINE
OVERHEAD GUY WIRE	=	OVERHEAD GUY WIRE
OVERHEAD POWER LINE	=	OVERHEAD POWER LINE
OVERHEAD TELEPHONE LINE	=	OVERHEAD TELEPHONE LINE
OVERHEAD TELEVISION LINE	=	OVERHEAD TELEVISION LINE
FIRE LINE	=	FIRE LINE
WASTEWATER (GRAVITY) MANHOLE LINE	=	WASTEWATER (GRAVITY) MANHOLE LINE
UNDERGROUND ELECTRIC LINE	=	UNDERGROUND ELECTRIC LINE
GAS LINE	=	UNDERGROUND GAS LINE
UNDERGROUND TELEPHONE LINE	=	UNDERGROUND TELEPHONE LINE
UNDERGROUND CABLE TELEVISION LINE	=	UNDERGROUND CABLE TELEVISION LINE
UNDERGROUND WATER LINE	=	UNDERGROUND WATER LINE
SPOT ELEVATION	=	SPOT ELEVATION

TREE LEGEND
































THE ONLY TREES LOCATED FOR THIS SURVEY WERE
HARDWOODS 8" AND GREATER AND PINES 12" AND
GREATER (DIAMETER MEASURED AT BREAST HEIGHT)

	SIZE/COMMON NAME
* ba010	= 10' BAY
* cb11	= 11' CHINBERRY
* cel11	= 11' CEDAR
* ch12	= 12' CHERRY
* ch110	= 10' CHINESE TALLOW
* hi11	= 11' HICKORY
* laa12	= 12' LAUREL OAK
* lo15	= 15' LIVE OAK
* ma12	= 12' MULBERRY
* ma18	= 18' MAGNOLIA
* pa18	= 18' PALM
* pi14	= 14' PINE
* po9	= 9' POST OAK
* sb11	= 11' SWEETGUM
* sg17	= 17' SUGARWATER
* su17	= 17' SUNKY OAK
* tree18	= 18' UNIDENTIFIED TREE
* wa14	= 14' WATER OAK

LEGEND

	TREE BARRICADE
	SILT FENCE
	EXISTING FEATURES TO BE REMOVED (TBR)
	LIMITS OF EXISTING ASPHALT PAVEMENT, CONCRETE AND/OR BUILDING TO BE REMOVED
	LIMITS OF CONCRETE PAVEMENT AND SIDEWALKS
	PEDESTRIAN WAYFINDING (SEE SHEET C2.10 FOR DETAILS)
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE REMOVED
	EXISTING SPOT ELEVATION
	PROPOSED SPOT ELEVATION
	PROPOSED CONTOUR ELEVATION
	EXISTING CONTOUR ELEVATION

PROPOSED UTILITY SYMBOLS

	WATER MAIN, PROPOSED
	WASTEWATER GRAVITY MAIN, PROPOSED
	PLUG END AND CAP
	BLOW-OFF ASSEMBLY
	GATE VALVE & BOX
	BUTTERFLY VALVE
	PLUG VALVE
	SWING CHECK VALVE
	BACK FLOW PREVENTER
	REDUCED PRESSURE ZONE BFP
	DOUBLE CHECK BFP
	DUAL CHECK VALVE
	AIR RELEASE VALVE
	REDUCER FITTING
	PRESSURE REGULATOR
	POST INDICATOR VALVE
	CLEAN OUT OR ROOF DRAIN LATERAL
	FITTING W/ THRUST BLOCK
	FIRE HYDRANT W/ THRUST BLOCK
	FIRE HYDRANT ASSEMBLY
	POTABLE WATER METER
	SINGLE SERVICE WATER METER
	DUAL SERVICE WATER METER
	GANG WATER METER ASSEMBLY
	ELECTRIC TRANSFORMER
	RECLAIMED WATER METER ASSEMBLY
	RECLAIMED WATER MAIN, PROPOSED
	PLUG END AND CAP
	BLOW-OFF ASSEMBLY
	GATE VALVE & BOX
	REDUCER FITTING

GENERAL NOTES

1. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE DIMENSIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES, AFFECTING THIS WORK, PRIOR TO CONSTRUCTION.
2. PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ANY EXISTING UTILITIES INCLUDING WATER, FUEL, ELECTRIC, CABLE TV, TELEPHONE LINES, AND ANY OTHER ABOVE GROUND OR BELOW GROUND AND/OR ADJACENT TO THE SITE. REMOVE OR CAP AS NECESSARY. CONTACT ENGINEER OF RECORD IMMEDIATELY WITH ANY DISCREPANCIES.
3. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS.
4. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES FOR THE RELOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK TO BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION, AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF THE WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THESE SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS IMPOSED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTION/REQUIREMENTS.
6. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ON ALL PRECAST AND MANUFACTURED ITEMS TO THE OWNER'S ENGINEER FOR REVIEW. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
7. SAFETY:
 - A. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL.
 - B. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE OSHA REGULATIONS.
 - C. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDOUS SITUATIONS.
 - D. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
 - E. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH CONSTRUCTION AND CONSTRUCTION OF ALL TRENCHES MEET THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
 - F. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.
8. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
9. CONTRACTOR IS REQUIRED TO SECURE A FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM" (NPDES) PERMIT BEFORE BEGINNING CONSTRUCTION.
10. A COMPLETE SET OF PERMITTED DRAWINGS AND SPECIFICATIONS MUST BE MAINTAINED ON SITE AT ALL TIMES THAT THE CONTRACTOR IS PERFORMING WORK. THESE DRAWINGS SHALL BE MADE AVAILABLE UPON REQUEST.
11. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED SINCE THE DISCOURDING OF EROSION AND SEDIMENTATION WILL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED. SILT BARRIERS WILL BE INSTALLED AS NECESSARY TO PREVENT EXCESSIVE SEDIMENTATION OF DOWNSTREAM AREAS.
12. CONTRACTOR SHALL PROVIDE CITY AS-BUILT PLANS (IF REQUIRED BY THE CITY AND/OR ANY OTHER AGENCY), SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER OR SURVEYOR AND A CERTIFIED PAPER COPY WITH ELECTRONIC COPY IN AUTOCAD FORMAT PRIOR TO FINAL ACCEPTANCE.
13. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES AND STORM SEWERS AND DOMESTIC WATER AND GAS DISTRIBUTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND PERSONNEL NECESSARY TO COMPLY WITH THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE IN DISAGREEMENT, THE MOST STRINGENT SHALL GOVERN.
14. UNLESS OTHERWISE NOTED, CONTRACTOR TO FOLLOW ALL CRITERIA SET FORTH BY THE CITY OF ALACHUA REQUIREMENTS FOR POTABLE WATER, RECLAIMED WATER, AND WASTEWATER.

DEMOLITION NOTES

1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE, UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, ETC., SHALL ALL BE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION / PRESERVATION OF EXISTING TREES, ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
4. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
5. CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH REMAINING ADJACENT UTILITIES AND/OR OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. CLOSURE OF THESE FACILITIES MAY REQUIRE A MAINTENANCE OF TRAFFIC PLAN PREPARED BY A REGISTERED PROFESSIONAL AT THE CONTRACTORS EXPENSE.
6. PROVIDE PROTECTION AS NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS SHOWN IN THE PLANS TO REMAIN.
7. LOCATE EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE WEAR, SUPPORT AND PROTECTION DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
8. CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR THE REMOVAL OF OFF-SITE REMOVAL OF ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITY SERVICES UNLESS DIRECTED TO OTHERWISE.

CONSTRUCTION NOTES

1. SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH THE U.S. DEPARTMENT OF TRANSPORTATION'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S ROADWAY AND TRAFFIC DESIGN STANDARDS/INDEXES 600 THROUGH 685 (LATEST EDITIONS).
2. SAFE PEDESTRIAN TRAFFIC IS TO BE MAINTAINED AT ALL TIMES.
3. ANY SIDEWALK WHICH BECOMES UNDERMINED MUST BE REMOVED AND REPLACED. SIDEWALKS ARE TO BE RECONSTRUCTED WITHIN THREE (3) DAYS AFTER REMOVAL. WHEN EXISTING SIDEWALK IS REMOVED, IT IS TO BE REMOVED TO THE NEAREST JOINT.
4. DISTURBED AREA WITHIN THE R-O-W MUST BE COMPACTED TO 98% OF MAXIMUM DENSITY AND SOODED.
5. STOCKPILING OF MATERIAL IS NOT ALLOWED ON ROADWAYS OR SIDEWALKS. ALL DIRT AND DEBRIS WILL BE REMOVED FROM JOB SITE DAILY. ROADS AND SIDEWALKS ARE TO BE SWEPT DAILY AS PART OF DAILY CLEANUP.
6. ANY PORTION OF ROADWAYS OR SIDEWALKS THAT SUSTAIN EXCESSIVE CONSTRUCTION RELATED DAMAGE, OR THE OPINION OF APPLICABLE AGENCIES, SHALL BE REPAIRED AT CONTRACTOR EXPENSE IN A MANNER SPECIFIED BY THAT PARTICULAR AGENCY.
7. CONSTRUCTION MUST BE PER THE APPROVED SITE PLAN OF THE DRC (OR EQUIVALENT). DEVIATIONS IN ROADWAY, UTILITY OR DRAINAGE CONSTRUCTION WILL REQUIRE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER OR THE DIRECTOR OF PUBLIC SERVICES (OR EQUIVALENT). ANY SIGNIFICANT CHANGES FROM THE DRC APPROVAL PLAN WILL REQUIRE THE OWNER/DIRECTOR TO SUBMIT A REVISED SITE PLAN FOR REVIEW THROUGH THE DRC AND MAY CAUSE PROJECT DELAYS.
8. OFF-SITE OR ROADWAY R-O-W CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CONDITIONS OF THE APPROVED R-O-W PERMIT(S). A COPY OF THE APPROVED R-O-W PERMIT MUST BE KEPT ON-SITE AND READILY AVAILABLE DURING ALL CONSTRUCTION ACTIVITIES WITHIN THE R-O-W.
9. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL.
10. ALL CONSTRUCTION, MATERIALS AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND STANDARDS.
11. CONTRACTOR IS RESPONSIBLE FOR CHECKING ACTUAL SITE CONDITIONS BEFORE STARTING CONSTRUCTION.
12. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE COMMENCING WORK.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR OR REGISTERED PROFESSIONAL ENGINEER TO FLORIDA DEPENDING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. ALL SURVEY COSTS SHALL BE THE CONTRACTORS RESPONSIBILITY. BOTH PAPER AND AUTOCAD FILES SHALL BE PROVIDED.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER AND FOR PROVIDING INFORMATION TO JURISDICTIONAL AGENCIES AS REQUIRED. BOTH PAPER AND AUTOCAD SHALL BE PROVIDED.

EROSION CONTROL NOTES

1. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THE EROSION CONTROL PLAN, THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS REFERENCED BY THE SWPPP, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
2. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL INSTALL A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
3. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS REQUIRED BY CONDITIONS. AN ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
4. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
5. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL ON SITE. THE USE OF OILS OR OTHER POLYMER BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
8. RUBBISH, TRASH, CARGAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER RUNOFF.
9. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN SHALL BE INITIATED AS SOON AS PRACTICABLE.
10. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED IN THESE AREAS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM DRAINS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
12. ON-SITE & OFF SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STORM WATER BARRIAGE LOCATIONS SHALL BE NOTED ON THE EROSION CONTROL PLAN BY THE CONTRACTOR AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STABILIZATION, SEDIMENT BASINS, ETC.) AS NEEDED FOR EACH STAGE OF SITE WORK / GRADING.
14. NO GRADING, CUTTING, OR FILLING SHALL COMMENCE UNTIL SUCH TIME AS APPROPRIATE EROSION AND SEDIMENTATION CONTROL DEVICES HAVE BEEN INSTALLED BETWEEN ALL DISTURBED AREAS AND WATER BODIES, WATERCOURSES OR WETLANDS AND ANY CONVEYANCES SUCH AS DRAINAGE DITCHES, STORM DRAINS, AND INLETS.
15. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRECEDING ANY DISTURBANCE OF THE LAND AND SHALL REMAIN FUNCTIONAL UNTIL THE CONTRIBUTING DISTURBED AREAS ARE STABILIZED. THE CONTRACTOR SHALL INSTALL ALL EROSION AND PREVENTION STRUCTURES SHOWN ON THE PLANS AT A MINIMUM IN FULL CONFORMANCE WITH ALL APPLICABLE WATER MANAGEMENT DISTRICT PERMITS AND REGULATIONS.
16. ALL CONTROL STRUCTURE AND OUTFALL CULVERT INSTALLATIONS SHALL BE PROTECTED WITH SEDIMENT BARRIERS AT A MINIMUM.
17. ALL DISTURBED AREAS (ABOVE NORMAL WATER LEVELS) UNLESS OTHERWISE NOTED HEREON SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS OF FINAL GRADING. UNLESS OTHERWISE NOTED, ALL SLOPES STEEPER THAN 4:1 SHALL BE SODED.

PAVING, GRADING, AND DRAINAGE NOTES

1. TRAFFIC CONTROL ON ALL FDOT, LOCAL AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (U.S. DOT/FHA) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
2. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODDED UNLESS INDICATED OTHERWISE ON THE LANDSCAPE PLAN.
3. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF THE PROJECT BY THE OWNER. ALL DRAINAGE STRUCTURES SHALL BE CLEARED OF DEBRIS AS REQUIRED DURING AND AT THE END OF CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE FLOWS.
4. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE DESIGN ENGINEER PRIOR TO ANY EXCAVATION.
5. THE CONTRACTOR MUST REVIEW AND MAINTAIN A COPY OF THE ENVIRONMENTAL RESOURCE PERMIT COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND PERMIT MODIFICATIONS IN GOOD CONDITION AT THE CONSTRUCTION SITE. THE COMPLETE PERMIT MUST BE AVAILABLE FOR REVIEW UPON REQUEST BY WATER MANAGEMENT DISTRICT REPRESENTATIVES.
6. THE CONTRACTOR SHALL ENSURE THAT ISLAND PLANTING AREAS AND OTHER PLANTING AREAS ARE NOT COMPACTED AND DO NOT CONTAIN ROAD BASE MATERIALS. THE CONTRACTOR SHALL ALSO EXCAVATE AND REMOVE ALL UNDERSEAL MATERIAL FROM ALL AREAS ON THE SITE TO BE PLANTED AND PROPERLY DISPOSED OF IN A LEGAL MANNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DE-WATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
8. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION IMPROVEMENTS TO FOLLOW.
9. SITE GRADING, PAVING AND DRAINAGE MATERIALS AND CONSTRUCTION SHALL CONFORM TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
10. IMMEDIATELY AT ONSET OF CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES RELATIVE TO COMPLETING THE PROJECT (INCLUDING WATER, SEWER, POWER, TELEPHONE, CABLE, AND TV) AND SHALL EVALUATE POTENTIAL CONFLICTS. ALL SUCH CONFLICTS SHALL BE REPORTED TO ENGINEER/OWNER IMMEDIATELY UPON DISCOVERY.
11. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD STAKE AND ROPE OFF CONSERVATION AREA LINES. OWNER RESERVES THE RIGHTS TO CHECK THE STAKING AND ROPING AND REQUIRE IT TO BE RELOCATED IF NECESSARY. IT SHALL REMAIN IN PLACE UNTIL ADJACENT CONSTRUCTION IS COMPLETE.
12. CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES WHICH ARE TO BE SAVED, WHETHER SHOWN IN THE PLANS OR DESIGNATED IN THE FIELD.
13. ALL SIGNAGE, PAVEMENT MARKING AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS AND FHWA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
14. REGULATORY SIGNS (STOP, ETC) SHALL BE PAID FOR BY THE CONTRACTOR AND IN PLACE PRIOR TO FINAL INSPECTION OF PAVING AND DRAINAGE IMPROVEMENTS.
15. BLUE REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED OPPOSITE FIRE HYDRANTS IN THE CENTER OF THE NEAREST TRAVELED LANE TO MARK THEIR LOCATIONS.
16. CONTRACTOR IS RESPONSIBLE FOR GRADING ALL PAVEMENTS TO DRAIN POSITIVELY. INTERSECTIONS SHALL BE TRANSITIONED TO PROVIDE SMOOTH DRIVING SURFACE WHILE MAINTAINING POSITIVE DRAINAGE. SHOULD AREAS OF POOR DRAINAGE BE OBSERVED, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PLACEMENT OF CURBS OR PAVEMENT COURSES, SO THAT RECOMMENDATIONS FOR CORRECTION MAY BE MADE.
17. PROPOSED AND EXISTING SIDEWALKS SHALL BE RAMPED FLUSH WITH PAVEMENT. RAMPS SHALL NOT EXCEED SLOPES OF 14 HORIZONTAL TO 1 VERTICAL.
18. FINISHED FLOOR ELEVATIONS ARE MINIMUM ELEVATIONS REQUIRED TO SATISFY DRAINAGE AND/OR 100-FLOODPLAIN REQUIREMENTS. PAD ELEVATIONS, IMMEDIATELY OUTSIDE OF BUILDING WALLS, SHALL BE NO MORE THAN 8 INCHES BELOW THE FINISHED FLOOR ELEVATIONS SHOWN.
19. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND DISPOSING ALL WASTE MATERIALS CONSISTENT WITH ALL RULES AND REGULATIONS APPLICABLE TO THE SPECIFIC MATERIAL FOUND. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS, ETC.) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE COMPACTED SOILS, AS DIRECTED BY THE OWNER, THE OWNERS ENGINEERS, OR OWNERS SOILS TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
20. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS.
21. PROPOSED SPOD ELEVATIONS REPRESENT FINISHED PAVEMENT, SIDEWALK, OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED.
22. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE LATEST EDITION OF FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL FDOT TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS.
23. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION.
24. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES.
25. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A REGISTERED LAND SURVEYOR. ALL SURVEY COSTS WILL BE CONTRACTORS RESPONSIBILITY.
26. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS.
27. IF WORK IS SUSPENDED OR DELAYED FOR 14 DAYS, THE CONTRACTOR SHALL TEMPORARILY STABILIZE THE DISTURBED AREAS AT NO ADDITIONAL COST TO THE OWNER.
28. STORM DRAINS SHALL BE REINFORCED CONCRETE PIPE, PER ASTM C-76 CLASS III, UNLESS OTHERWISE SPECIFIED. LIFTING HOLES ARE PROHIBITED.
29. ALL STORM STRUCTURES SHALL CONFORM WITH FDOT STANDARD INDEX DRAWINGS AND SPECIFICATIONS EXCEPT THAT DITCH BOTTOM INLETS IN PAVED AREAS SHALL HAVE TRAVERSABLE, TRAFFIC BEARING, GRATES SUPPORTED BY STEEL ANGLE SEATS OR SUPPORTED ON FOUR SIDES. GRATES SHALL BE CAST IRON UNLESS OTHERWISE SPECIFIED OR APPROVED.
30. ALL CONCRETE CURBS, SIDEWALKS, INLET TOPS, ETC. SHALL BE 3000 PSI MINIMUM, UNLESS OTHERWISE SPECIFIED.
31. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE SOILS REPORT. UPON COMPLETION OF WORK THE SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO THE OWNER AND OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
32. A QUALIFIED TESTING LABORATORY SHALL PERFORM ALL TESTING NECESSARY TO ASSURE COMPLIANCE OF THE IN-PLACE MATERIALS AS REQUIRED BY THESE PLANS, THE VARIOUS AGENCIES AND PERMIT CONDITIONS. SHOULD ANY RETESTING BE REQUIRED DUE TO THE FAILURE OF ANY TESTS TO MEET THE REQUIREMENTS, THE CONTRACTOR WILL BEAR ALL COSTS OF SAID RETESTING.
33. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
34. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE RE-INSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. THE CONTRACTOR MAY BE REQUIRED TO RE-CLEAN PIPES AND INLETS FOR THESE PURPOSES.



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<u>Claudia S. Vega, P.E.</u>	<u>51532</u>
Engineer	Certificate No.

Project No: 21-087

Project phase:

CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

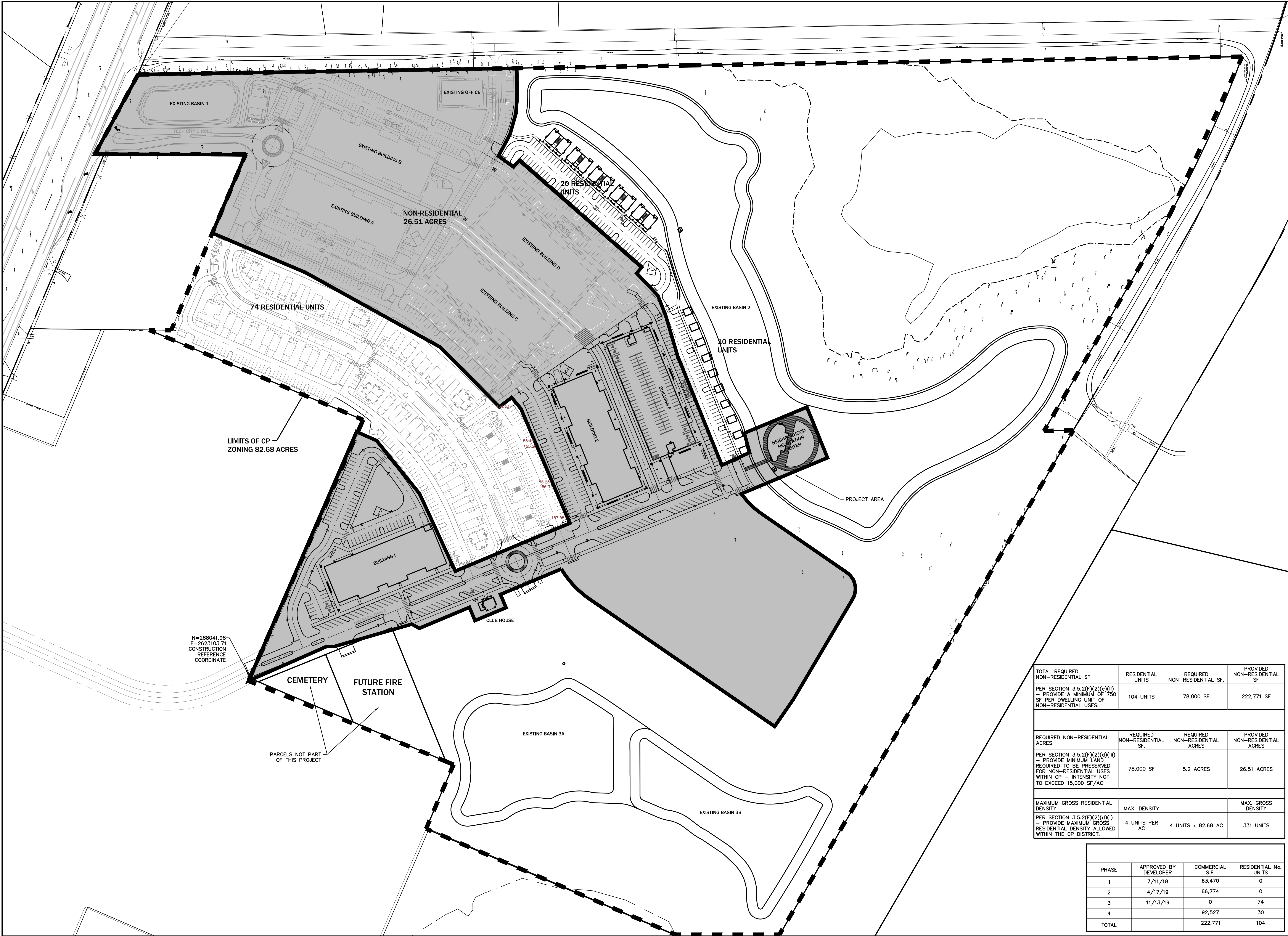
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LEGEND, SYMBOLS & GENERAL NOTES

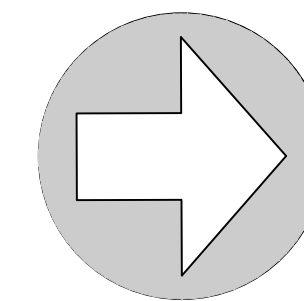
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Engineer Certificate No.

Project No: 21-087

Project phase: CONSTRUCTION PLANS

Project title:

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PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:

OVERALL ZONING EXHIBIT

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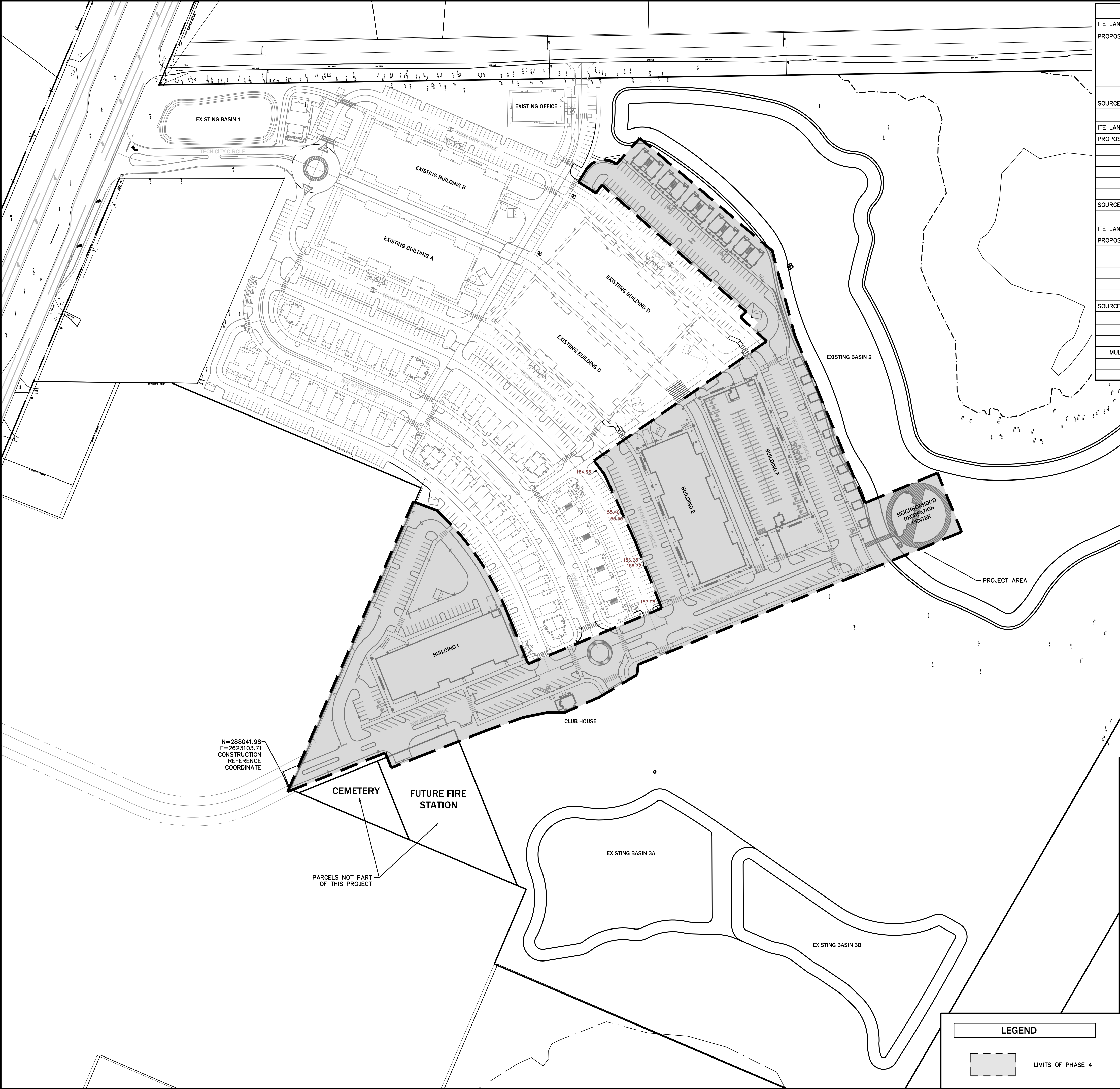
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C115

TOTAL REQUIRED NON-RESIDENTIAL SF	RESIDENTIAL UNITS	REQUIRED NON-RESIDENTIAL SF.	PROVIDED NON-RESIDENTIAL SF
PER SECTION 3.5.2(F)(2)(c)(ii) - PROVIDE A MINIMUM OF 750 SF PER DWELLING UNIT OF NON-RESIDENTIAL USES.	104 UNITS	78,000 SF	222,771 SF
REQUIRED NON-RESIDENTIAL ACRES	REQUIRED NON-RESIDENTIAL SF.	REQUIRED NON-RESIDENTIAL ACRES	PROVIDED NON-RESIDENTIAL ACRES
PER SECTION 3.5.2(F)(2)(d)(iii) - PROVIDE MINIMUM LAND REQUIRED TO BE PRESERVED FOR NON-RESIDENTIAL USES WITHIN CP - INTENSITY NOT TO EXCEED 15,000 SF/AC	78,000 SF	5.2 ACRES	26.51 ACRES
MAXIMUM GROSS RESIDENTIAL DENSITY	MAX. DENSITY		MAX. GROSS DENSITY
PER SECTION 3.5.2(F)(2)(d)(i) - PROVIDE MAXIMUM GROSS RESIDENTIAL DENSITY ALLOWED WITHIN THE CP DISTRICT.	4 UNITS PER AC	4 UNITS x 82.68 AC	331 UNITS

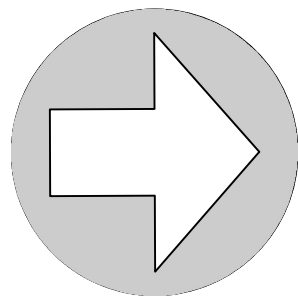
PHASE	APPROVED BY DEVELOPER	COMMERCIAL S.F.	RESIDENTIAL No. UNITS
1	7/11/18	63,470	0
2	4/17/19	66,774	0
3	11/13/19	0	74
4		92,527	30
TOTAL		222,771	104



TRIP GENERATION							
ITE LAND USE: 210 (SINGLE-FAMILY DETACHED HOUSING)							
PROPOSED: 10 DWELLING UNITS							
				TRIP DISTRIBUTION		PROJECTED TRIPS	
PERIOD	RATE	PER UNIT	TRIPS	ENTER	EXIT	IN	OUT
AM	0.70	10.00	7.00	26%	74%	1.82	5.18
PM	0.94	10.00	9.40	63%	37%	5.92	3.48
ADT	9.43	10.00	94.30	50%	50%	47.15	47.15
SOURCE: ITE TRIP GENERATION, 11TH EDITION, PAGES 218-236							
ITE LAND USE: 221 (MULTIFAMILY HOUSING [MID-RISE])							
PROPOSED: 5, 4 STORY BUILDINGS WITH 4 UNITS EACH							
				TRIP DISTRIBUTION		PROJECTED TRIPS	
PERIOD	RATE	PER UNIT	TRIPS	ENTER	EXIT	IN	OUT
AM	0.35	20.00	7.00	26%	74%	1.82	5.18
PM	0.39	20.00	7.80	60%	40%	4.68	3.12
ADT	4.54	20.00	90.80	50%	50%	45.40	45.40
SOURCE: ITE TRIP GENERATION, 11TH EDITION, PAGES 273-304							
ITE LAND USE: 770 (BUSINESS PARK)							
PROPOSED: 87,861 SQ FT COMMERCIAL SPACE							
				TRIP DISTRIBUTION		PROJECTED TRIPS	
PERIOD	RATE	PER UNIT	TRIPS	ENTER	EXIT	IN	OUT
AM	1.35	87.861	118.612	85%	15%	100.82	17.7919
PM	1.22	87.861	107.19	26%	74%	27.8695	79.3209
ADT	12.44	87.861	1092.99	50%	50%	546.495	546.495
SOURCE: ITE TRIP GENERATION, 11TH EDITION, PAGES 873-883							
	AM	PM	ADT				
SINGLE-FAMILY	7	9	94				
MULTIFAMILY (MID-RISE)	7	8	91				
COMMERCIAL	119	107	1093				
NET	133	124	1278				

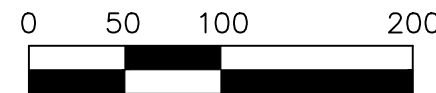


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Engineer Certificate No.

Project No: 21-087

Project phase:
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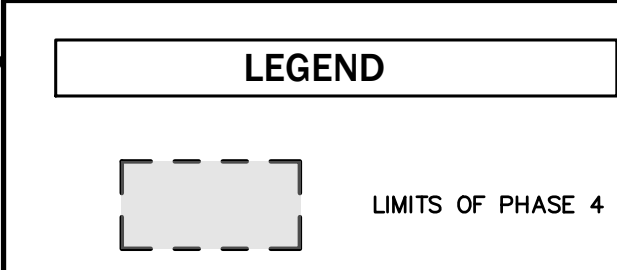
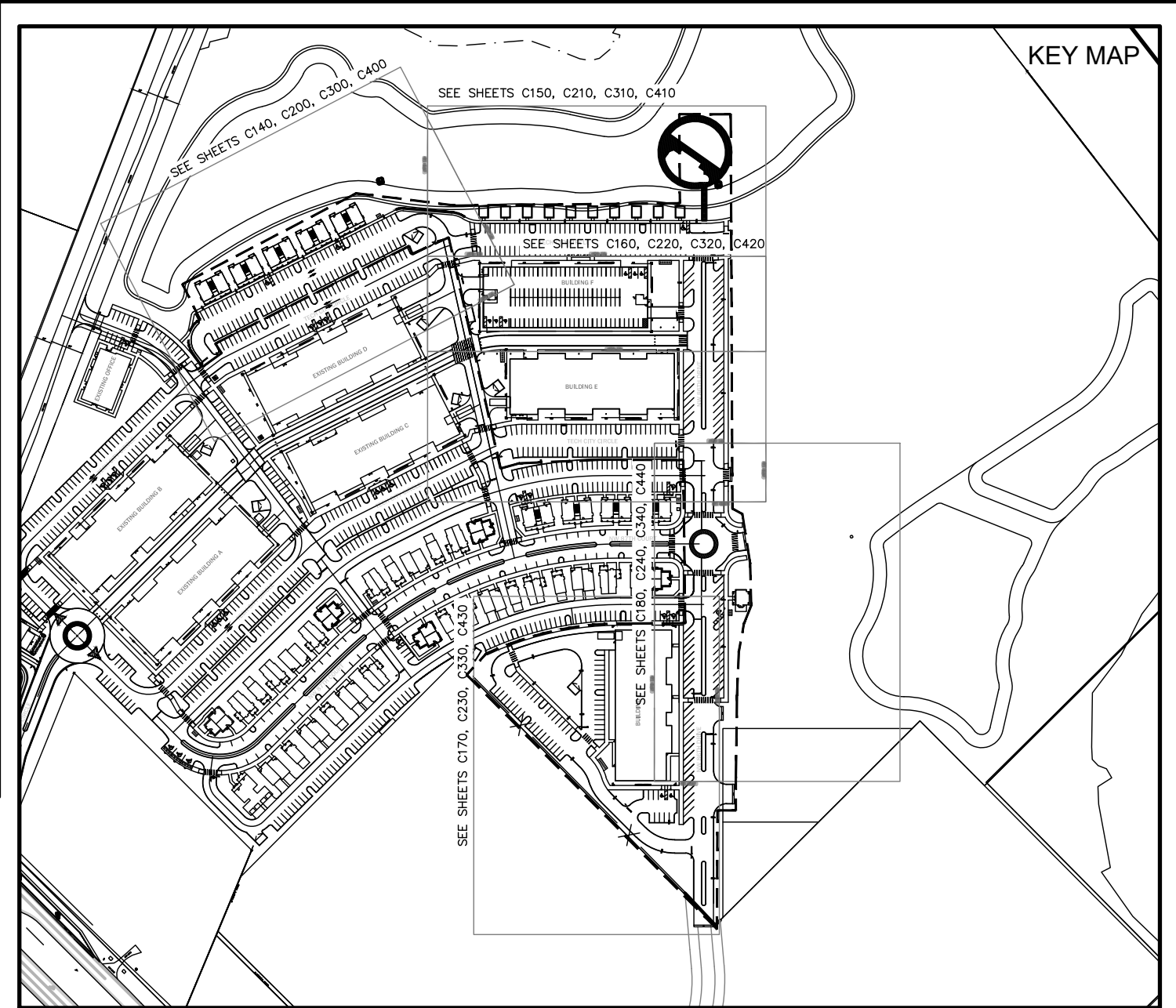
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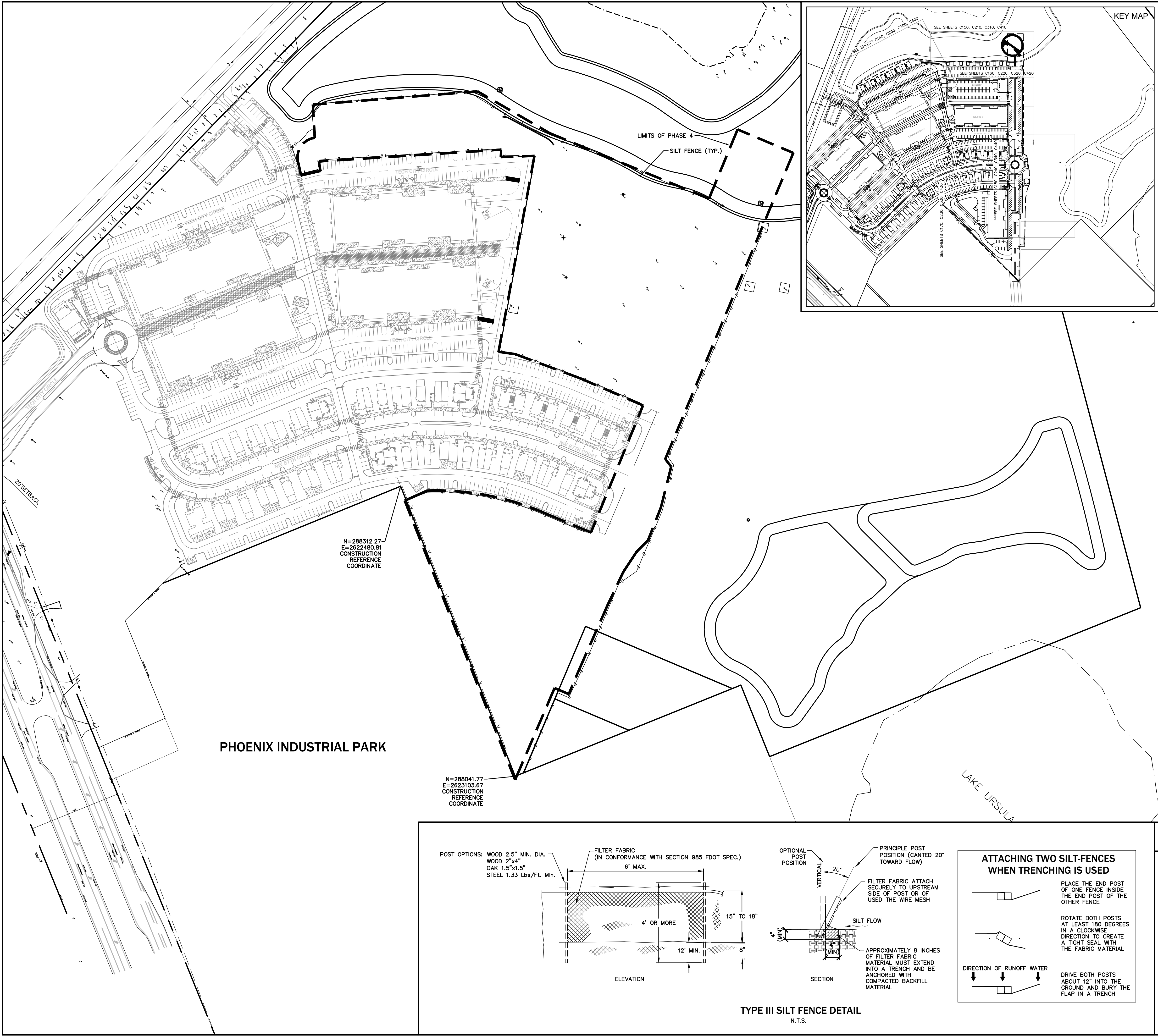
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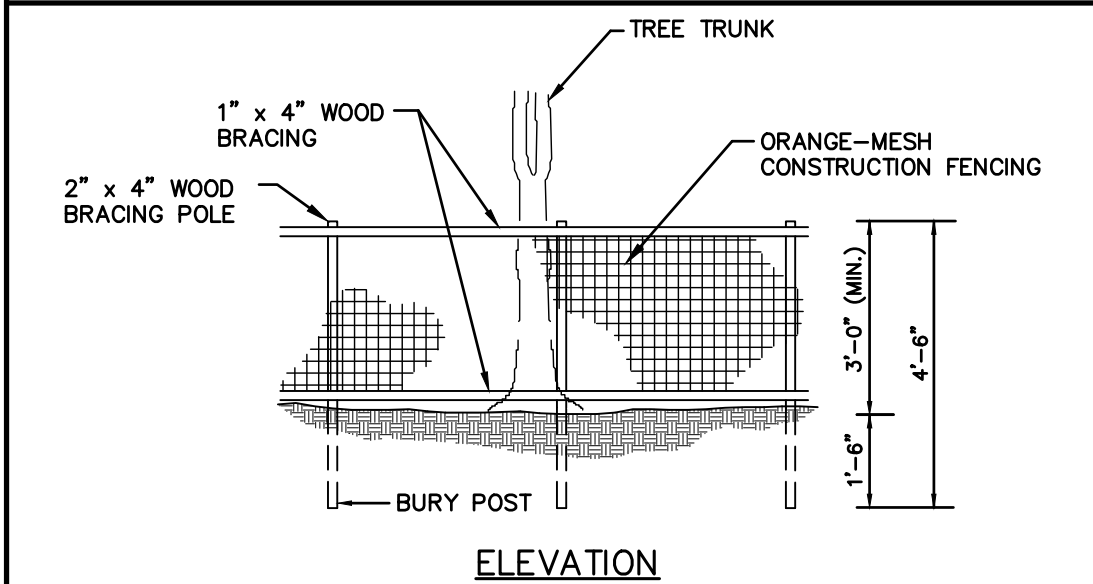
C120

Date: 06/23/22





- ### DEMOLITION NOTES
1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
 2. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
 3. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN FOR DEMOLITION / PRESERVATION OF EXISTING TREES. ALL TREES NOT SPECIFICALLY SHOWN TO BE PRESERVED OR RELOCATED SHALL BE REMOVED AS A PART OF THIS CONTRACT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
 4. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
 5. CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. CLOSURE OF THESE FACILITIES MAY REQUIRE A MAINTENANCE OF TRAFFIC PLAN PREPARED BY A REGISTERED PROFESSIONAL AT THE CONTRACTORS EXPENSE.
 6. PROVIDE PROTECTION AS NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS SHOWN IN THE PLANS TO REMAIN.
 7. LOCATE EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
 8. CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES FOR THE TERMINATION, CAPPING-OFF AND REMOVAL OF ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITY SERVICES UNLESS DIRECTED TO OTHERWISE.
 9. EROSION CONTROLS ARE TO BE INSTALLED AND INSPECTED PRIOR TO BEGINNING DEMOLITION WORK.
 10. IN AREAS WHERE PROPOSED CURBING IS TO BE PLACED, THE ASPHALT PAVEMENT SHALL BE REMOVED TO THE FACE OF CURB TO ALLOW PLACEMENT OF 6" STANDARD CONCRETE CURBING.
 11. IN AREAS OF PROPOSED LANDSCAPE AREA THE PAVEMENT, LIMEROCK BASE, AND 12" OF THE STABILIZED SUBGRADE SHALL BE REMOVED. COORDINATE WITH LANDSCAPE ARCHITECT TO DETERMINE IF ADDITIONAL REMOVAL IS REQUIRED TO MAKE AREA SUITABLE FOR LANDSCAPE PURPOSES. THE REMOVED LIMEROCK BASE SHALL NOT BE USED IN THE BASE FOR THE NEW PAVEMENT (PER FDOT SECTION 200), BUT THE REMOVED BASE CAN BE USED IN THE STABILIZATION OF SUBGRADE. SEE GRADING PLAN FOR BACKFILL REQUIREMENTS.
 12. ALL CONSTRUCTION DEBRIS, LIMEROCK, EXCESS OF BUILDER'S SAND, CONCRETE AND MORTAR DEBRIS, EXISTING WEEDS AND GRASSES, ALL FOREIGN MATERIALS IN THE PLANTING BED AND SOD AREAS SHALL BE REMOVED AND 36" OF CLEAN FILL OF PH 5.5 - 6.5 SHALL BE INSTALLED PRIOR TO ANY INSTALLATION OF PLANTS OR TREES.
 13. SEE DIMENSION PLAN FOR DIMENSIONING OF PROPOSED LANDSCAPE AREAS.
 14. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES TO REMAIN AS SHOWN IN THE UTILITY PLAN. ANY EXISTING UTILITIES TO BE REMOVED SHALL BE COORDINATED WITH THE ASSOCIATED UTILITY COMPANY, AND PERFORMED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
 15. SEE ELECTRICAL AND IRRIGATION PLANS FOR COORDINATION OF PAVEMENT CUTS FOR ASSOCIATED CONDUITS.



- ### NOTES:
1. TREE BARRICADES WILL BE BUILT BEFORE ANY SITE WORK IS UNDERTAKEN AND WILL REMAIN IN PLACE UNTIL THE LANDSCAPING IS PLANTED.
 2. EACH BARRICADE MUST BE AT LEAST 3 FEET TALL, WITH CORNER POSTS OF 2" x 4" WOOD INSERTED AT LEAST ONE AND A HALF (1-1/2) FEET DEEP. THE TWO ROWS OF SIDE SLATS MUST BE 1" x 4" AND BE MARKED WITH PLASTIC RIBBONS OR MESH FENCING FOR VISIBILITY.
 3. NO GRADING WITHIN FENCING. ANY ROOTS GREATER THAN 1" IN DIAMETER THAT ARE DAMAGED OR EXPOSED SHALL BE CLEANLY CUT AND COVERED OVER WITH SOIL.
 4. NO CONSTRUCTION MATERIALS OR EQUIPMENT SHALL BE PERMITTED WITHIN CONSTRUCTION FENCING OR BEYOND THE CONSTRUCTION LIMITS.
 5. THE AREA ENCLOSED MUST BE AT OR OUTSIDE THE DRIPLINE FOR ALL HERITAGE AND CHAMPION TREES AND ALL REGULATED PINE AND PALM TREES, OR EQUAL TO 2/3 OF THE DRIPLINE OF THE TREE CANOPY FOR ALL OTHER REGULATED SPECIES, OR AT THE TREE ROOT PLATE WHERE ALLOWED BY CONSTRUCTION LIMITS.

TREE BARRICADE FENCING DETAIL

N.T.S.

LEGEND

	SILAGE FENCE
	TREE BARRICADE
	EXISTING FEATURES TO BE REMOVED (TBR)
	LIMITS OF EXISTING ASPHALT PAVEMENT, CONCRETE AND/OR BUILDING TO BE REMOVED
	EXISTING TREE TO BE REMOVED
	LIMITS OF PHASE 4

TYPE III SILAGE FENCE DETAIL

N.T.S.

POST OPTIONS:

WOOD 2.5" MIN. DIA.
WOOD 2"x4"
OAK 1.5"x1.5"
STEEL 1.33 Lbs/Ft. Min.

FILTER FABRIC

(IN CONFORMANCE WITH SECTION 985 FDOT SPEC.)

6" MAX.

4' OR MORE

12' MIN.

15" TO 18"

8"

ELEVATION

SECTION

OPTIONAL POST POSITION

20°

PRINCIPLE POST POSITION (CANTED 20° TOWARD FLOW)

FILTER FABRIC ATTACH SECURELY TO UPSTREAM SIDE OF POST OR OF USED THE WIRE MESH

SILAGE FLOW

APPROXIMATELY 8 INCHES OF FILTER FABRIC MATERIAL MUST EXTEND INTO A TRENCH AND BE ANCHORED WITH COMPACTED BACKFILL MATERIAL

4" (MIN)

4"

SECTION

ATTACHING TWO SILAGE-FENCES WHEN TRENCHING IS USED

PLACE THE END POST OF ONE FENCE INSIDE THE END POST OF THE OTHER FENCE

ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL

DRIVE BOTH POSTS ABOUT 12" INTO THE GROUND AND BURY THE FLAP IN A TRENCH

DIRECTION OF RUNOFF WATER

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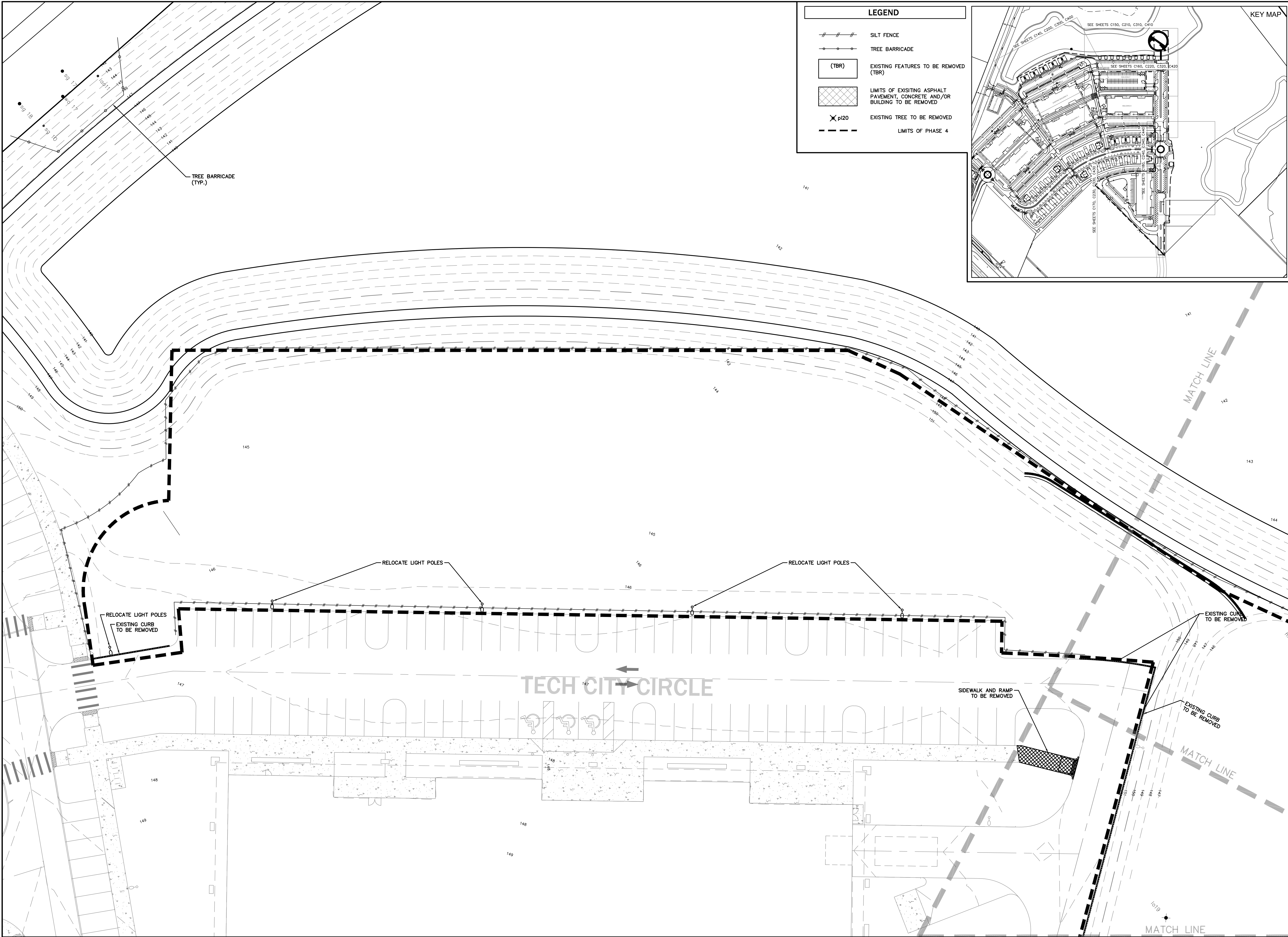
Project No: 21-087

Project phase: CONSTRUCTION PLANS

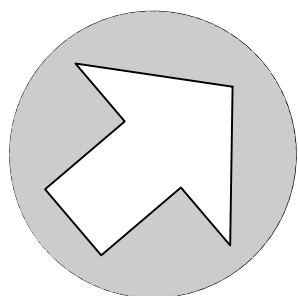
Project title: SAN FELASCO TECH CITY PHASE 4 SITE PLAN CITY OF ALACHUA, FLORIDA

Sheet title: OVERALL TREE CLEARING, EROSION & SEDIMENTATION CONTROL PLAN

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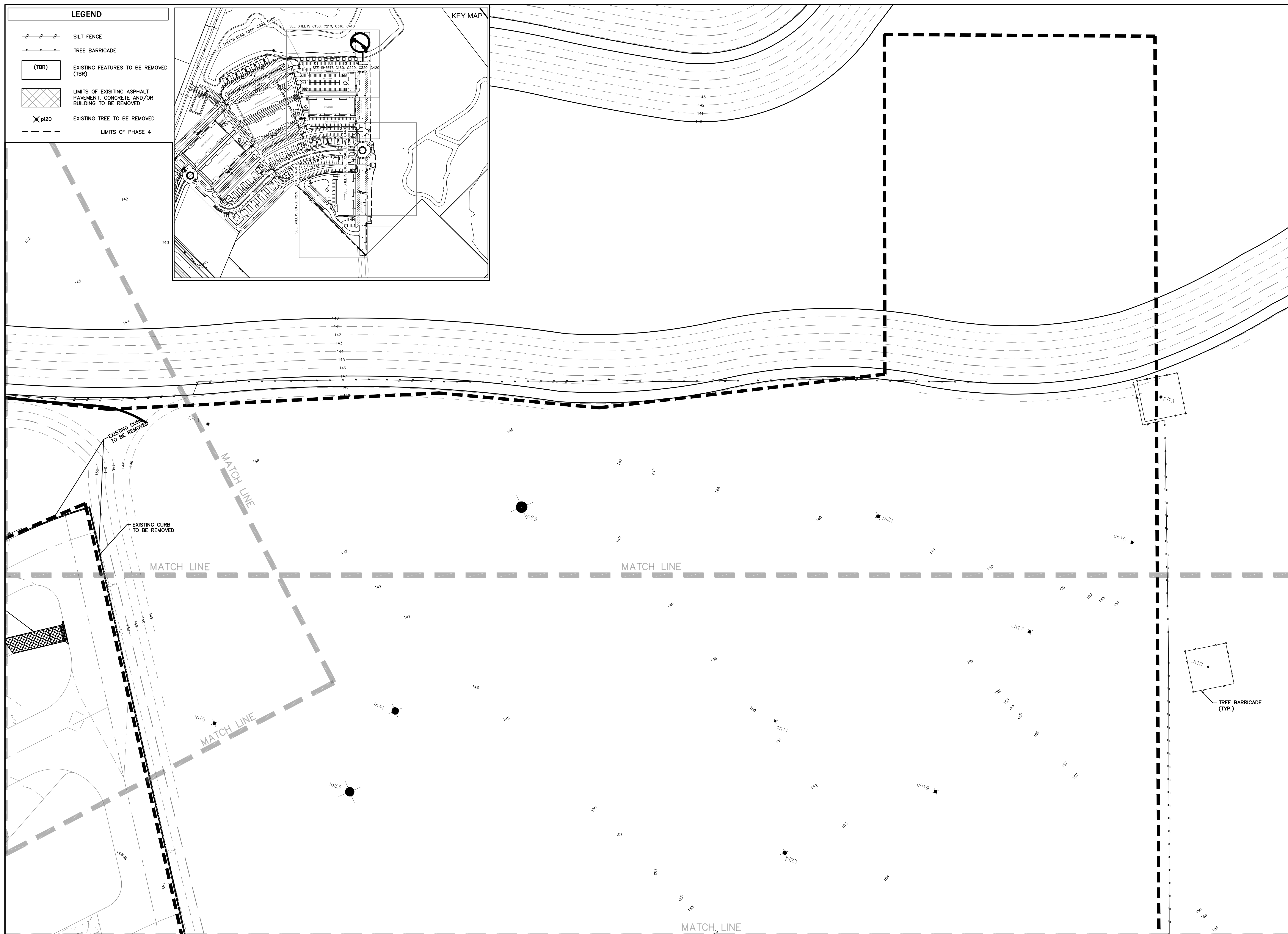
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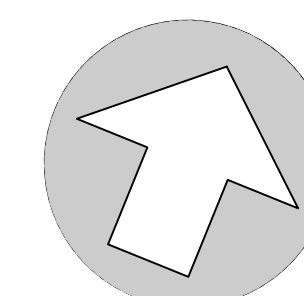
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PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:
DEMOLITION, TREE CLEARING
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(1 OF 5)

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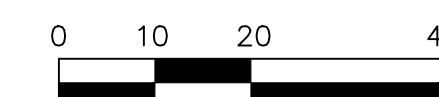


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Project No: 21-087

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CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
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Sheet title:
DEMOLITION, TREE CLEARING
AND EROSION CONTROL PLAN
(2 OF 5)

Designed: CSV

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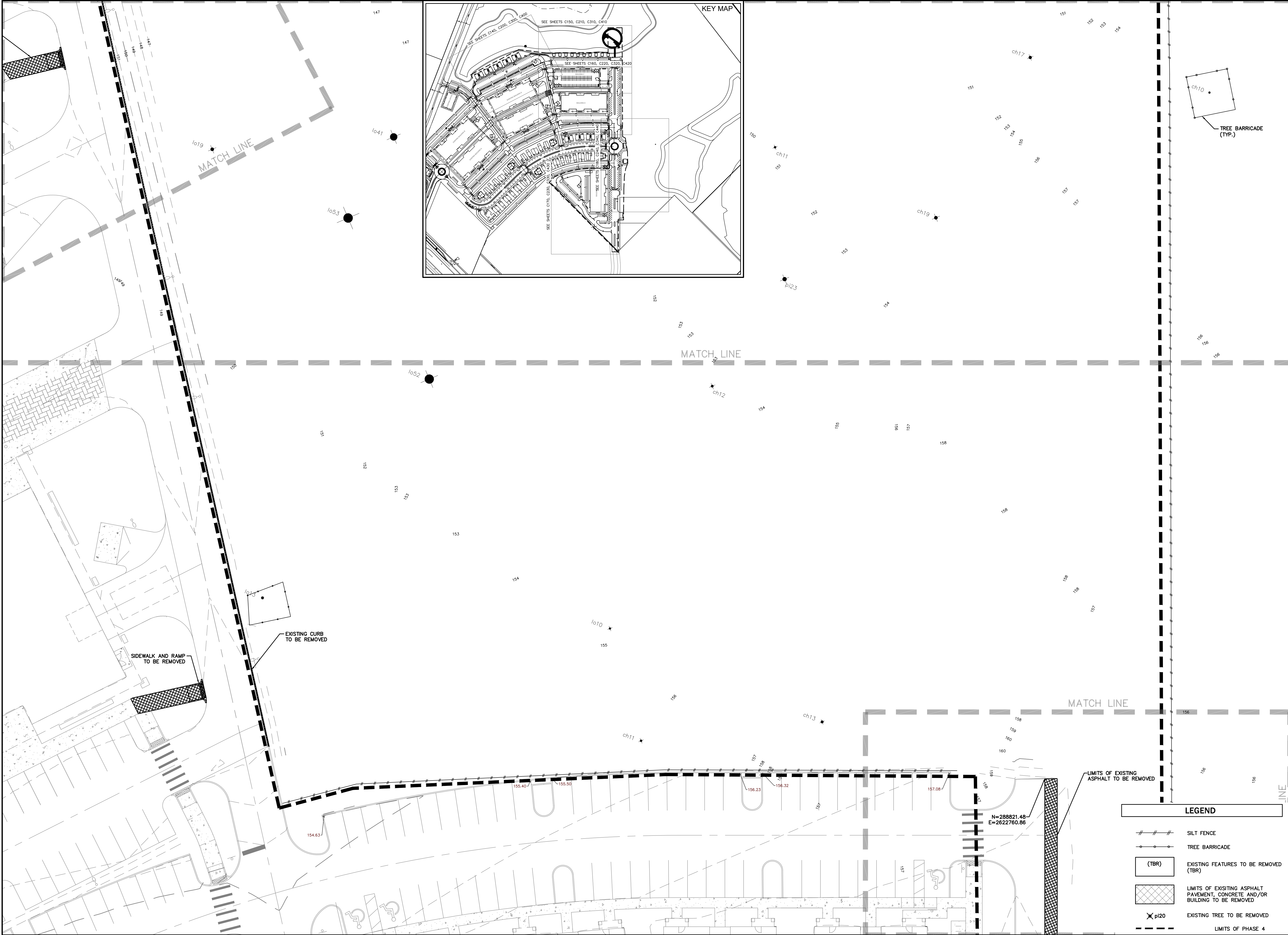
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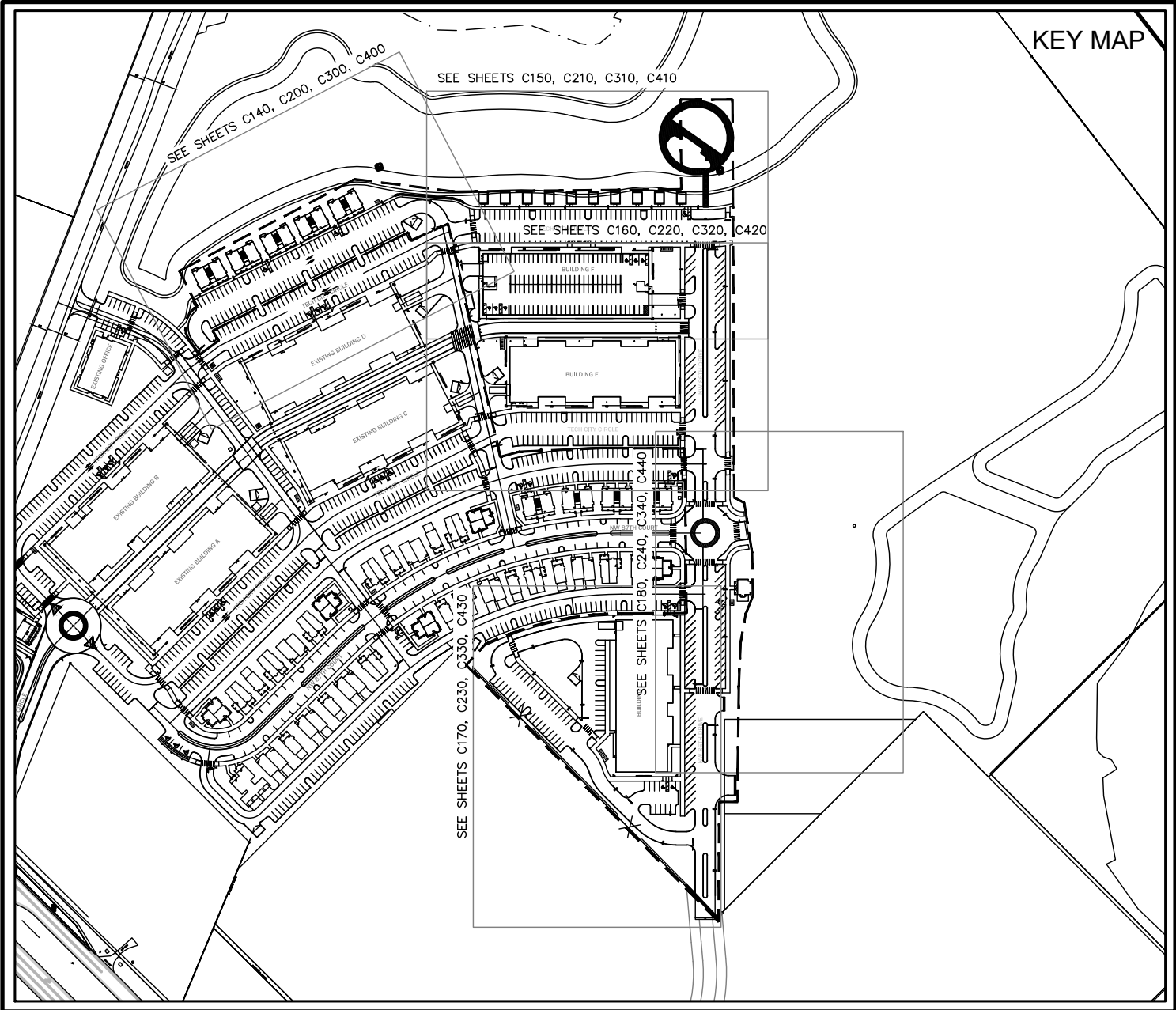
Project phase: CONSTRUCTION PLANS

Project title:

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PHASE 4 SITE PLAN
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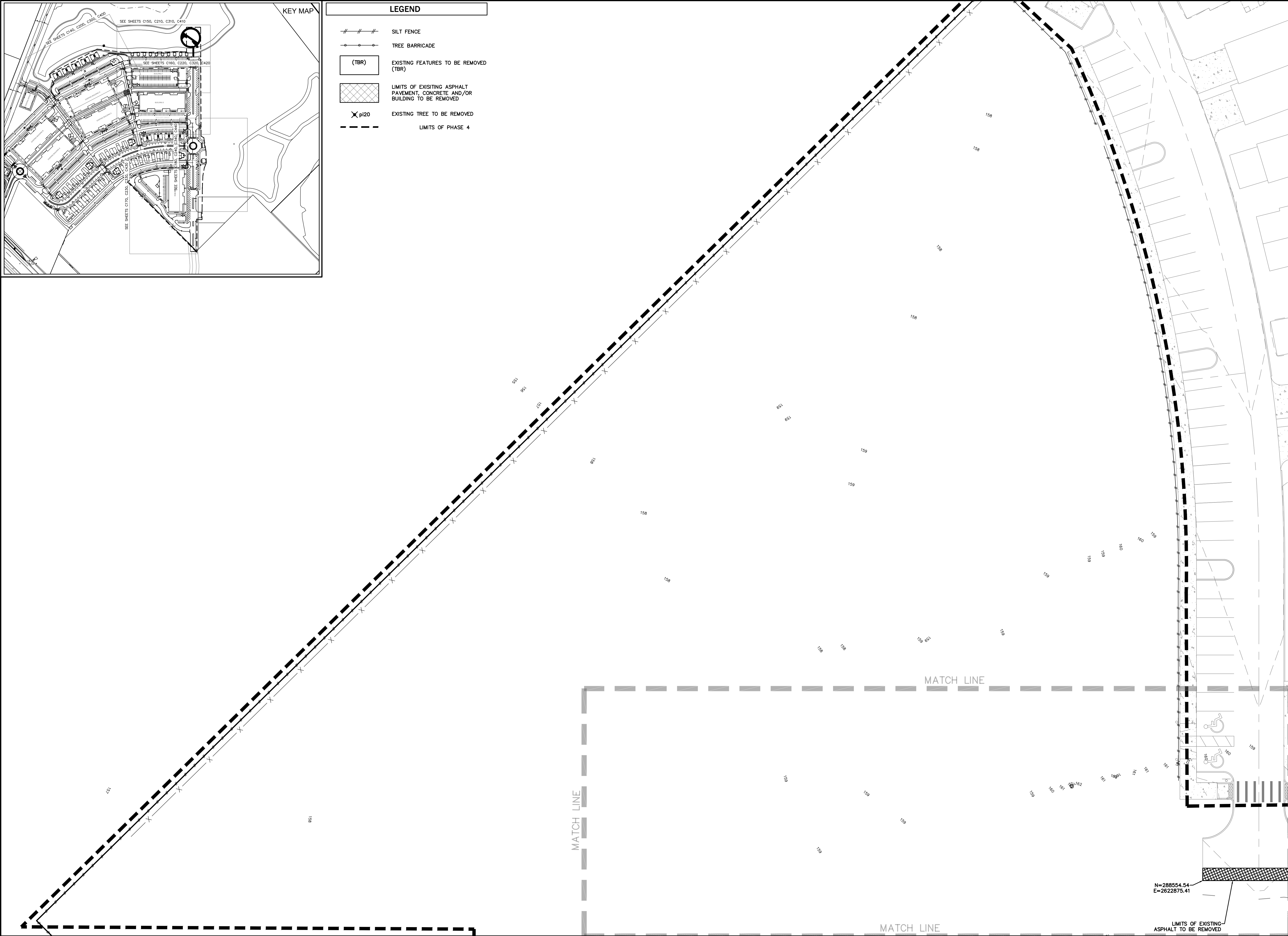
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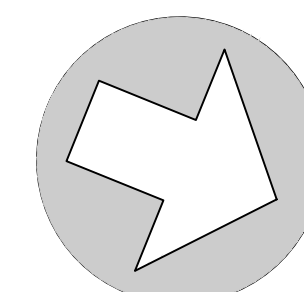


LEGEND

- /// SILT FENCE
- TREE BARRICADE
- (TBR) EXISTING FEATURES TO BE REMOVED (TBR)
- LIMITS OF EXISTING ASPHALT PAVEMENT, CONCRETE AND/OR BUILDING TO BE REMOVED
- ✕ p120 EXISTING TREE TO BE REMOVED
- LIMITS OF PHASE 4

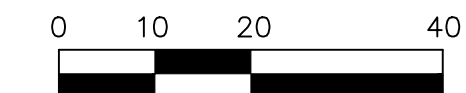


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Project phase: CONSTRUCTION PLANS

Project title:

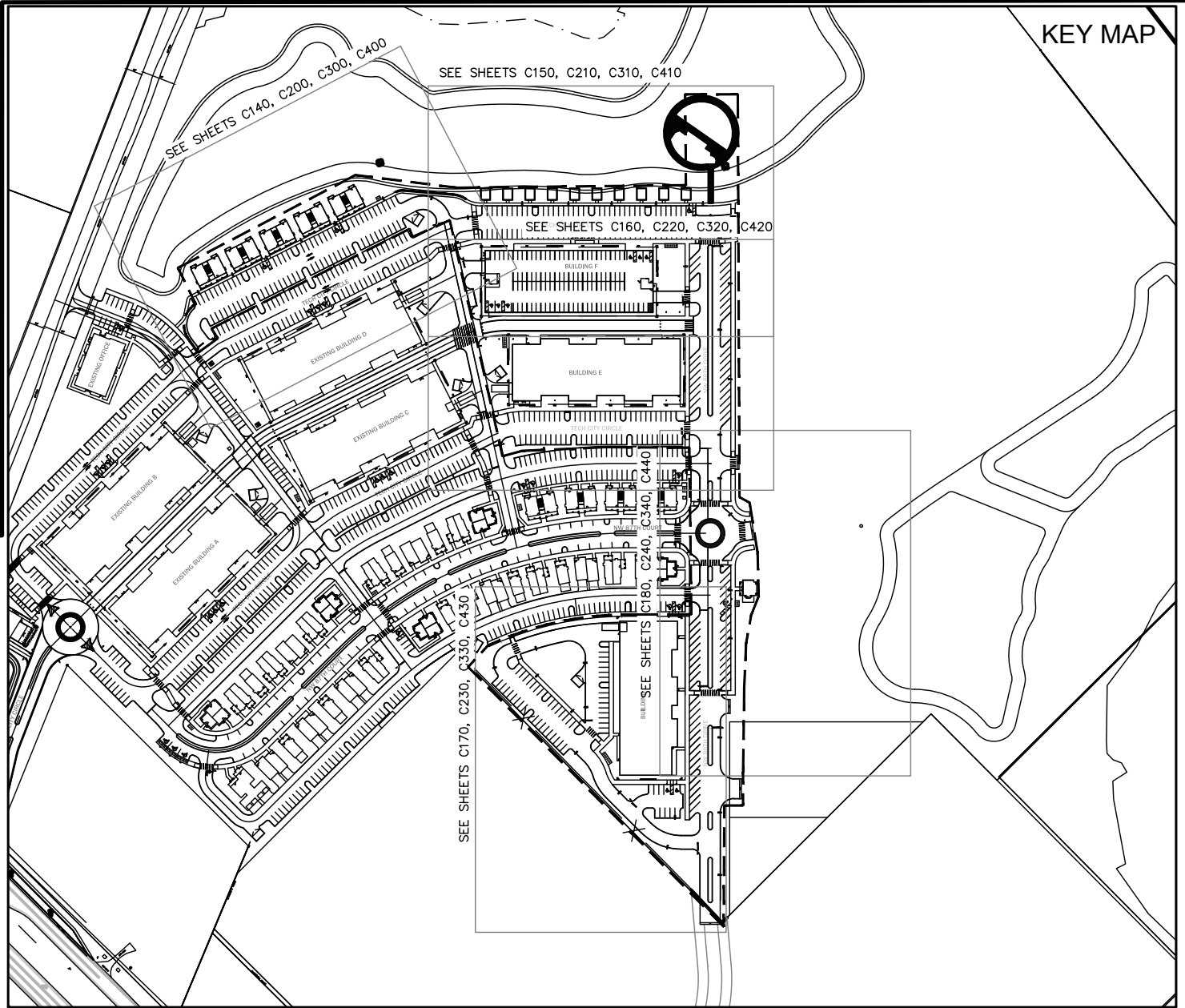
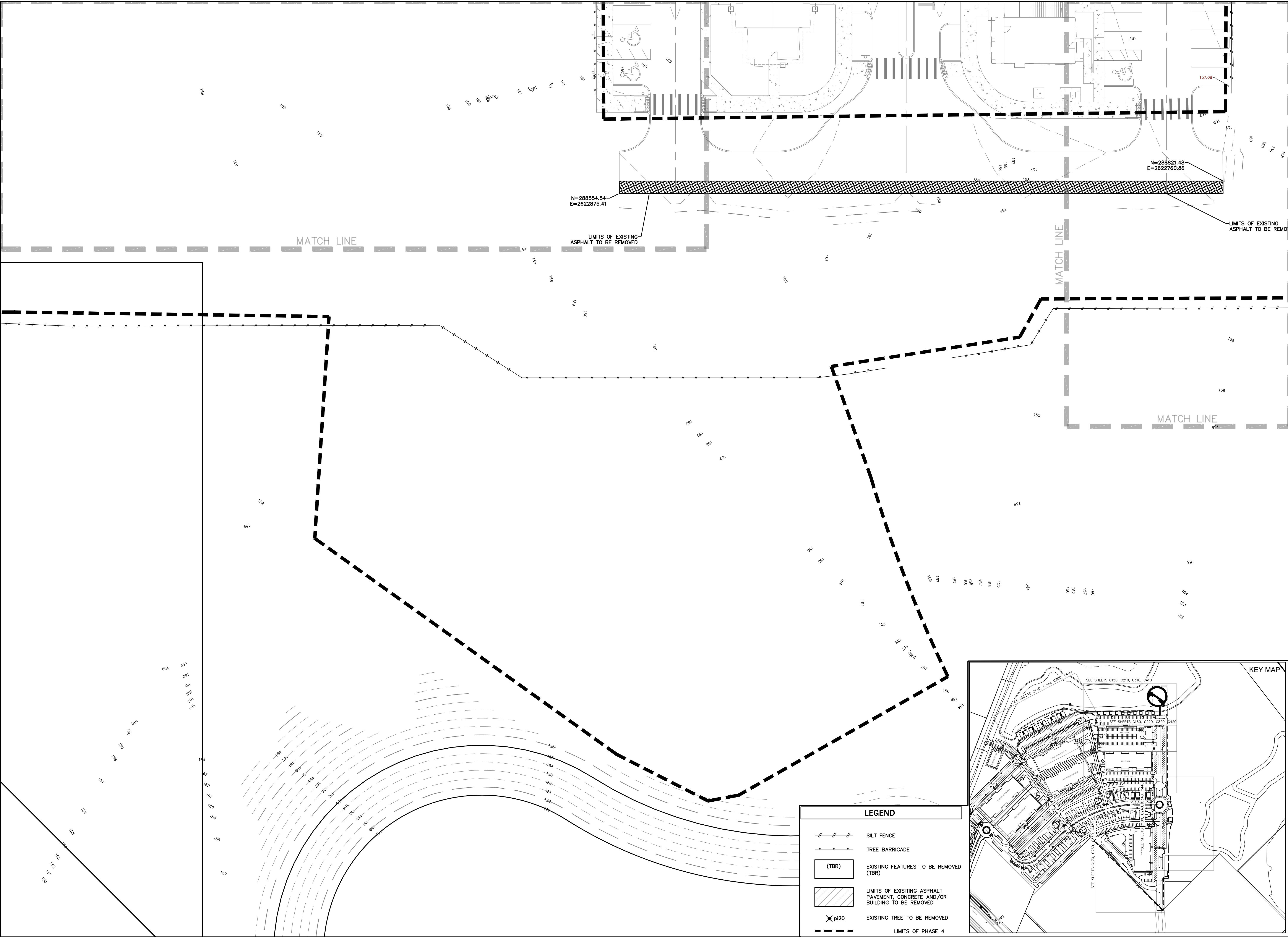
SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:
DEMOLITION, TREE CLEARING
AND EROSION CONTROL PLAN
(4 OF 5)

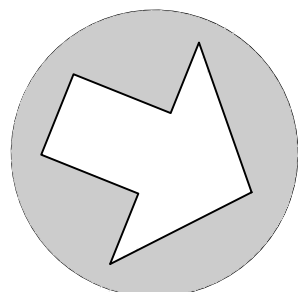
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Checked: DJM
Date: 06/23/22

C170

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Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Project No: 21-087

Project phase:
CONSTRUCTION PLANS

Project title:
**SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA**

Sheet title:
**DEMOLITION, TREE CLEARING
AND EROSION CONTROL PLAN
(5 OF 5)**

Designed: CSV

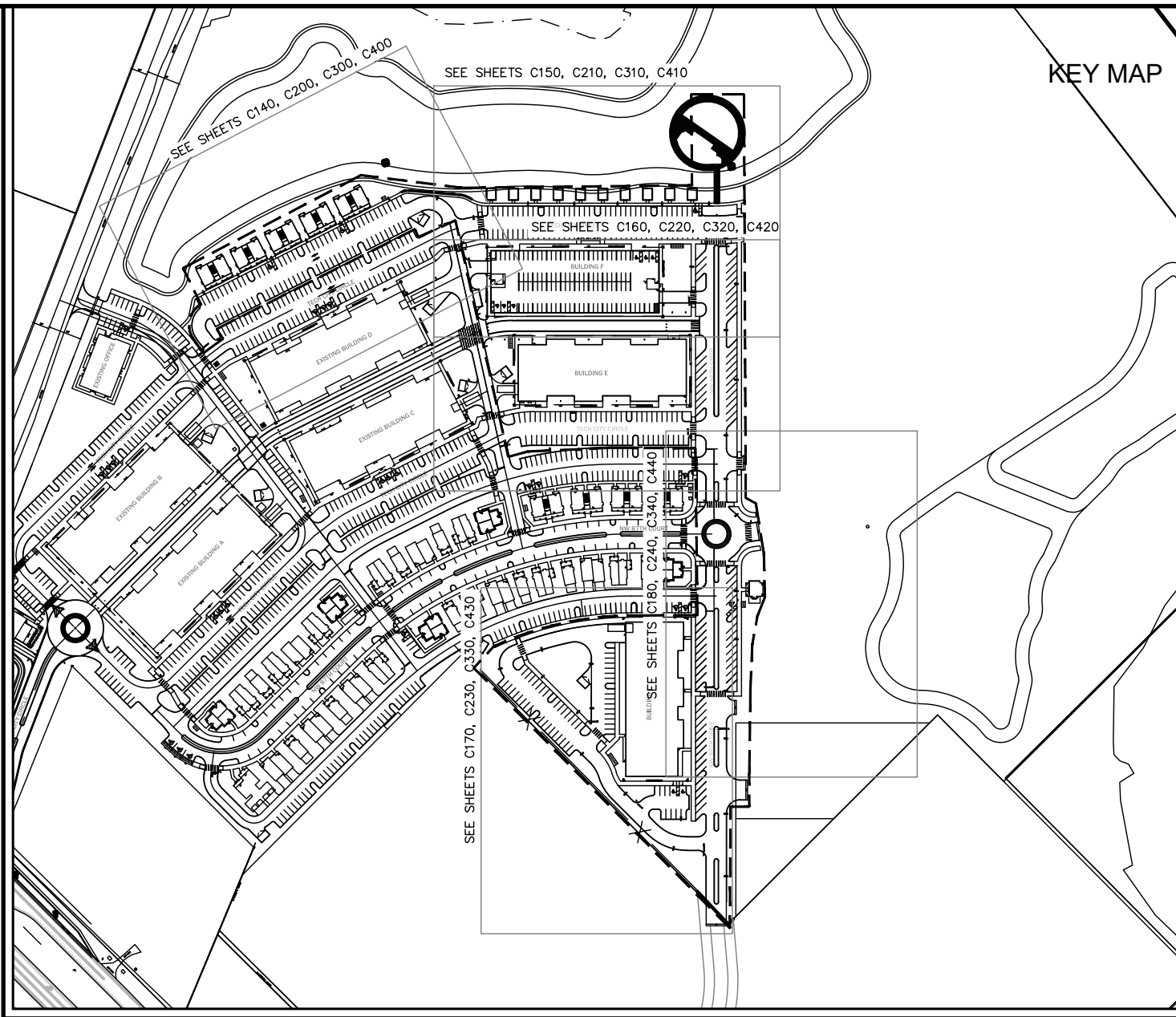
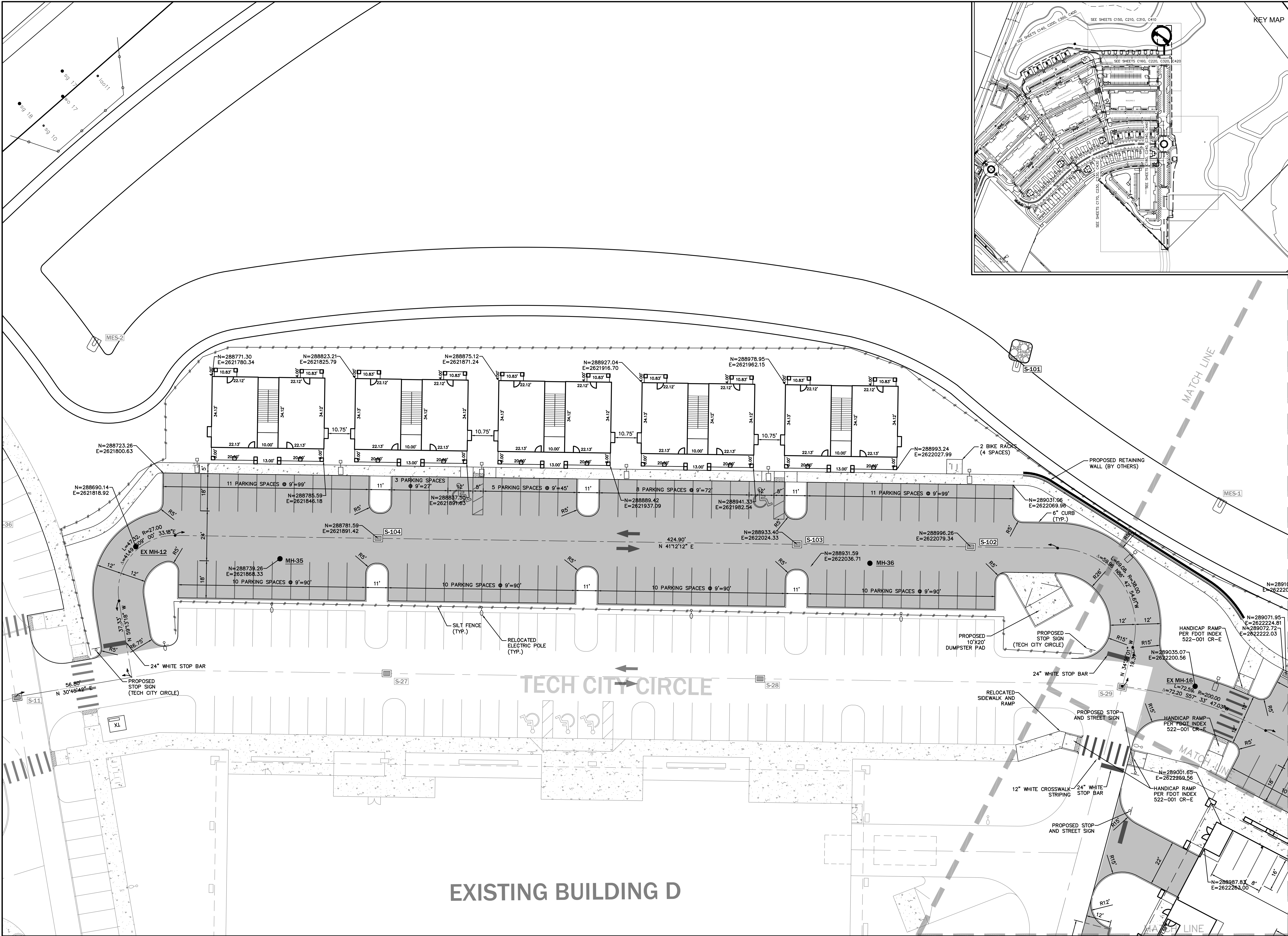
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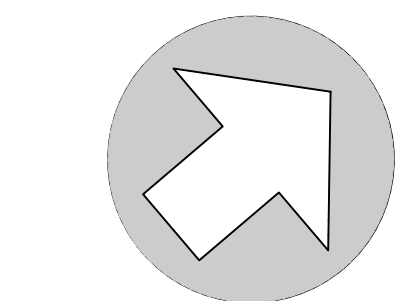
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Sheet No.:

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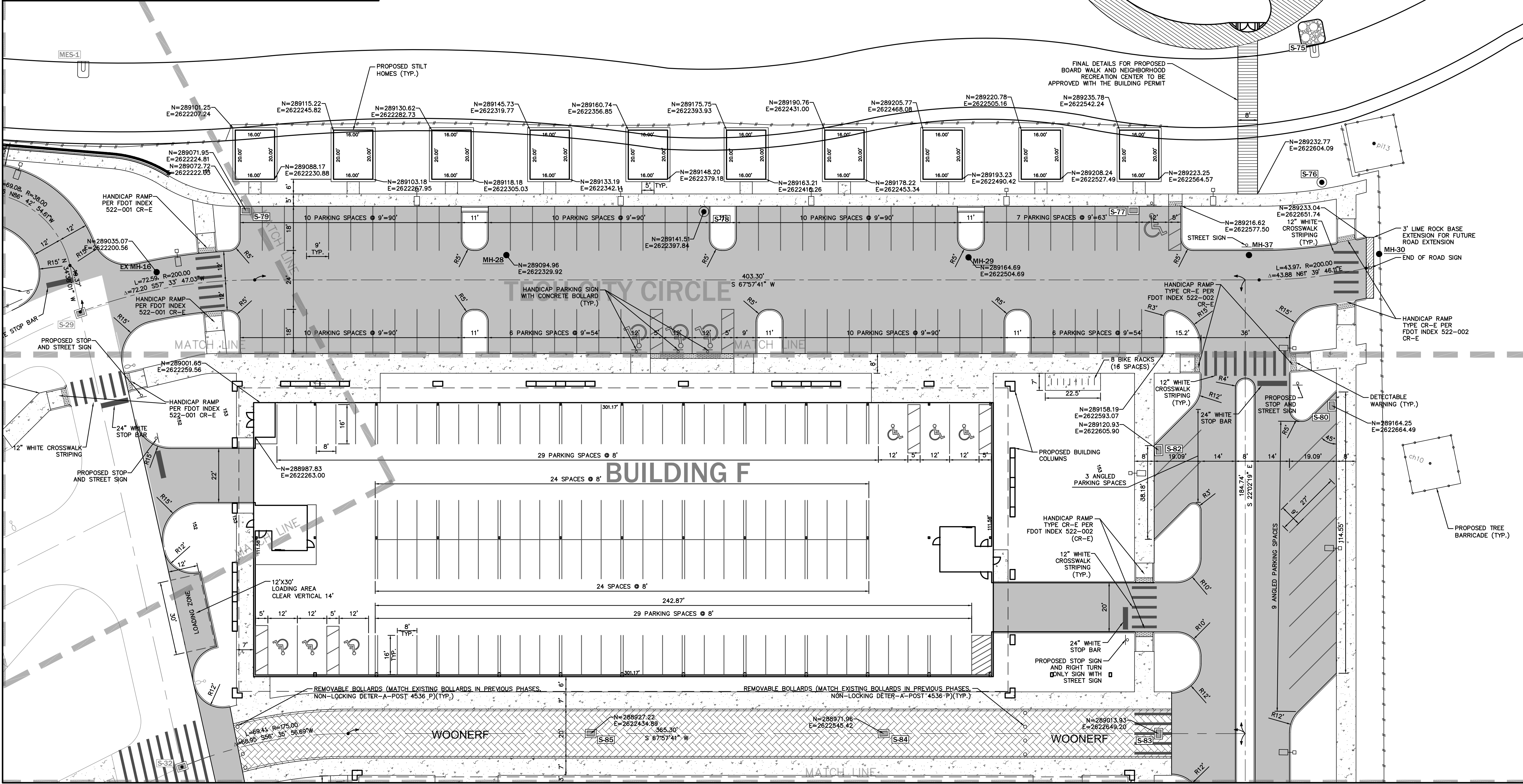
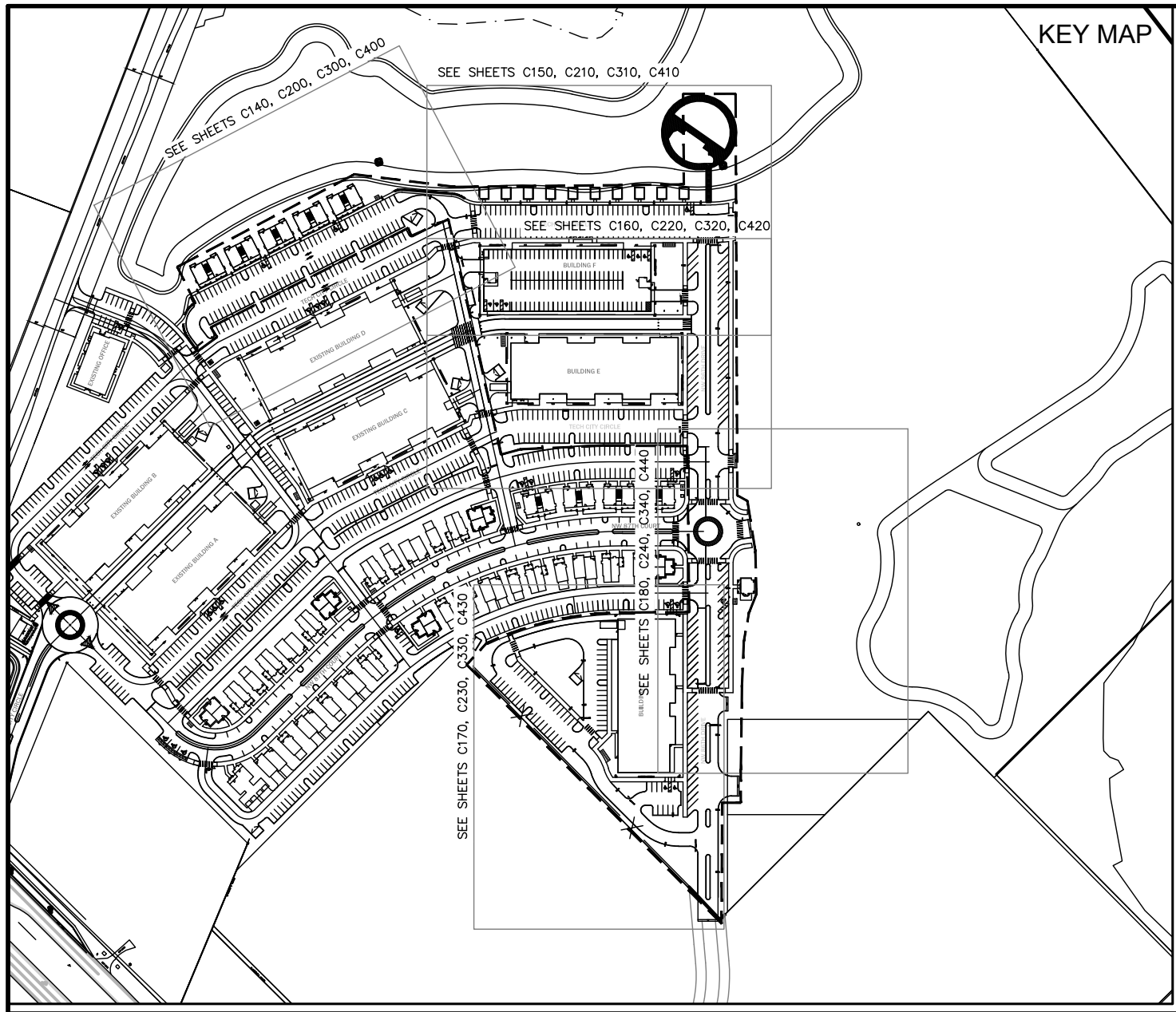
Project No: 21-087

Project phase: CONSTRUCTION PLANS
Project title:

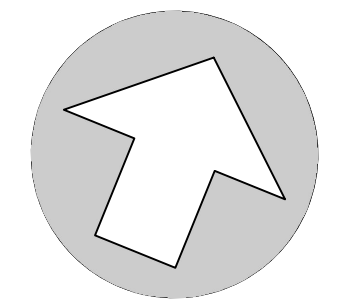
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PHASE 4 SITE PLAN
CITY OF ALACHUA,
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Sheet title:
DIMENSION PLAN (1 OF 5)

Designed: CSV	Sheet No:
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Date: 06/23/22	



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Engineer Certificate No.

Project No: 21-087

Project phase:
CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:

DIMENSION PLAN (2 OF 5)

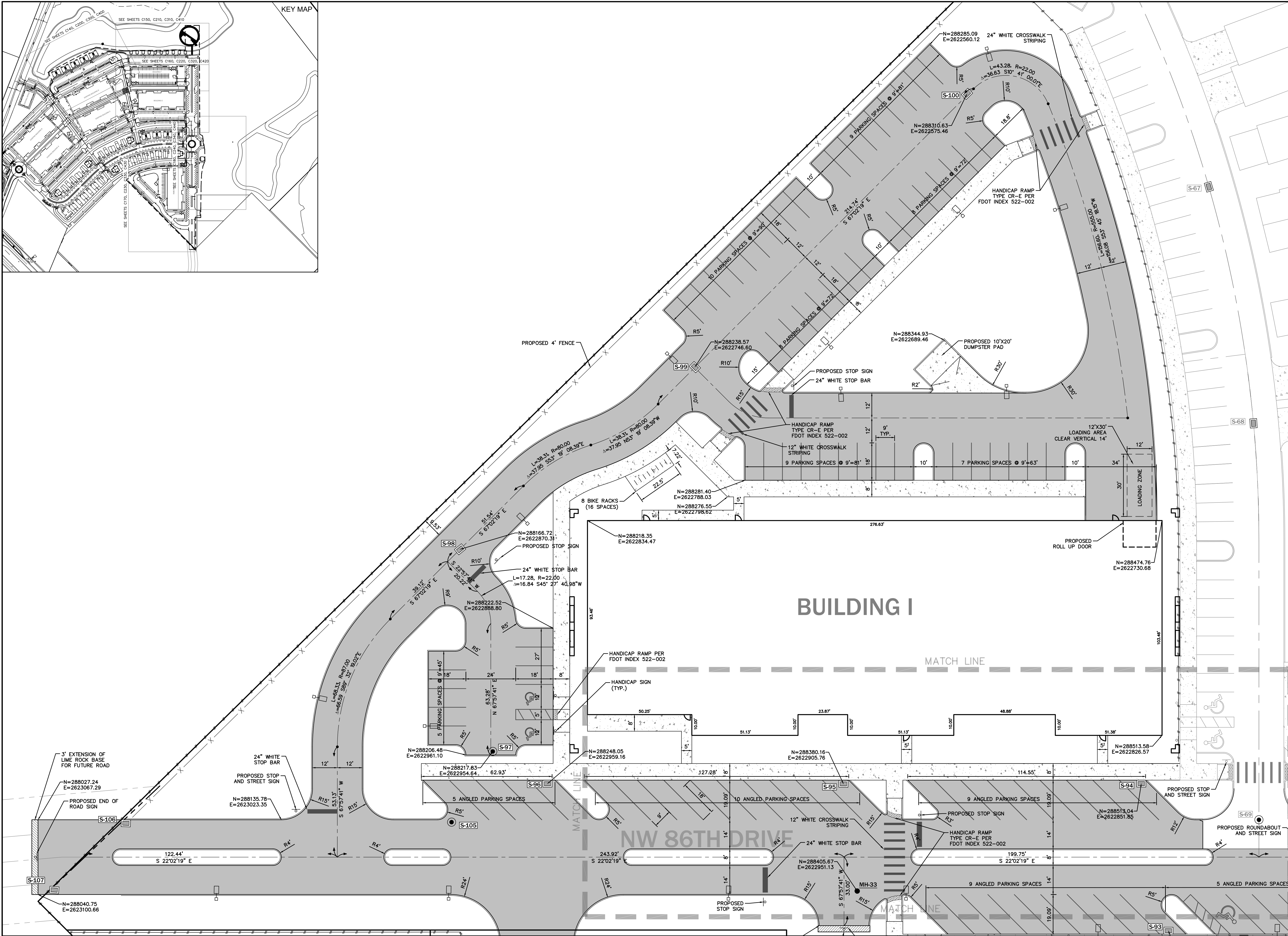
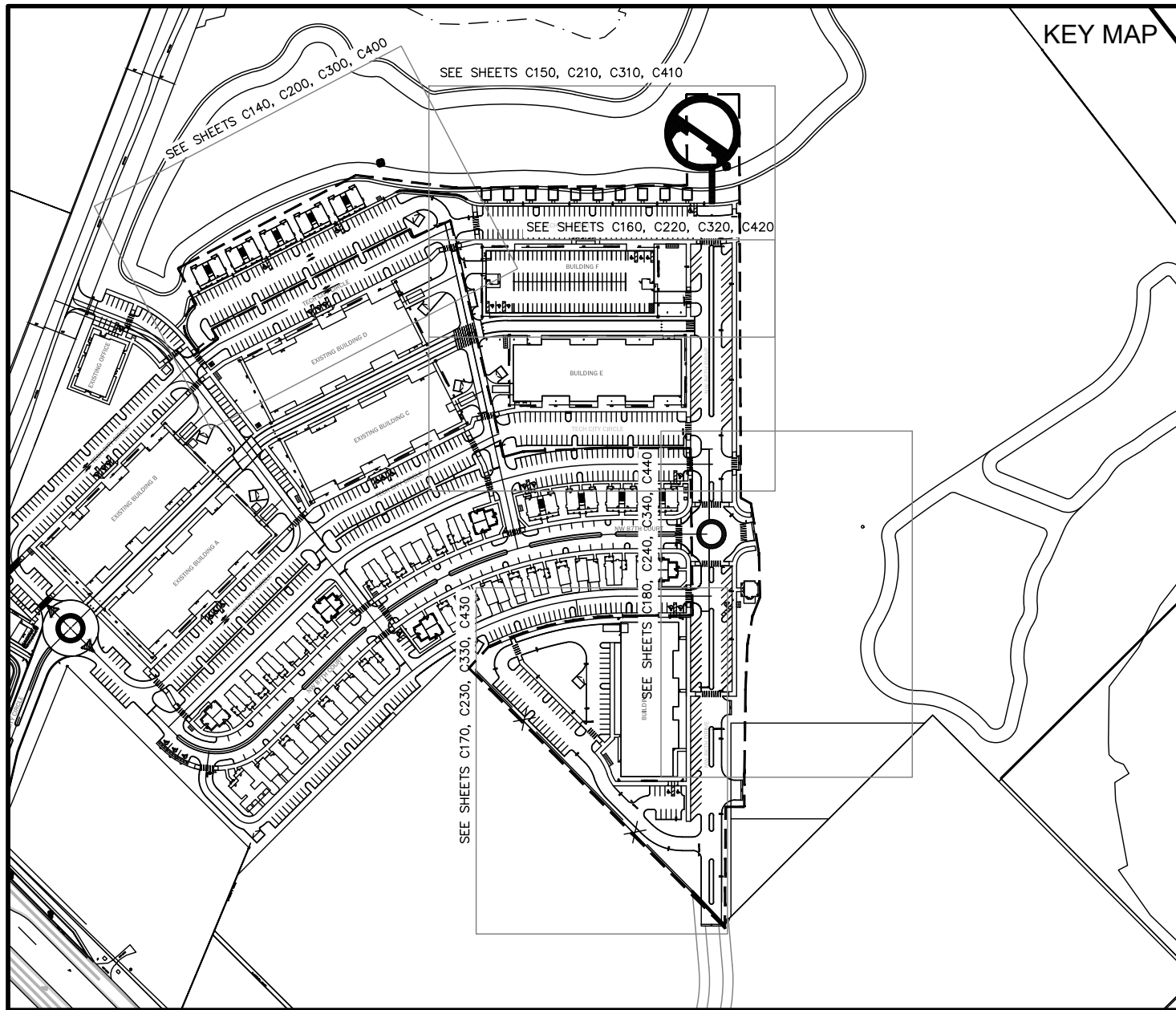
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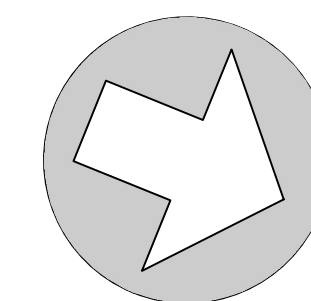
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Date: 06/23/22

C210



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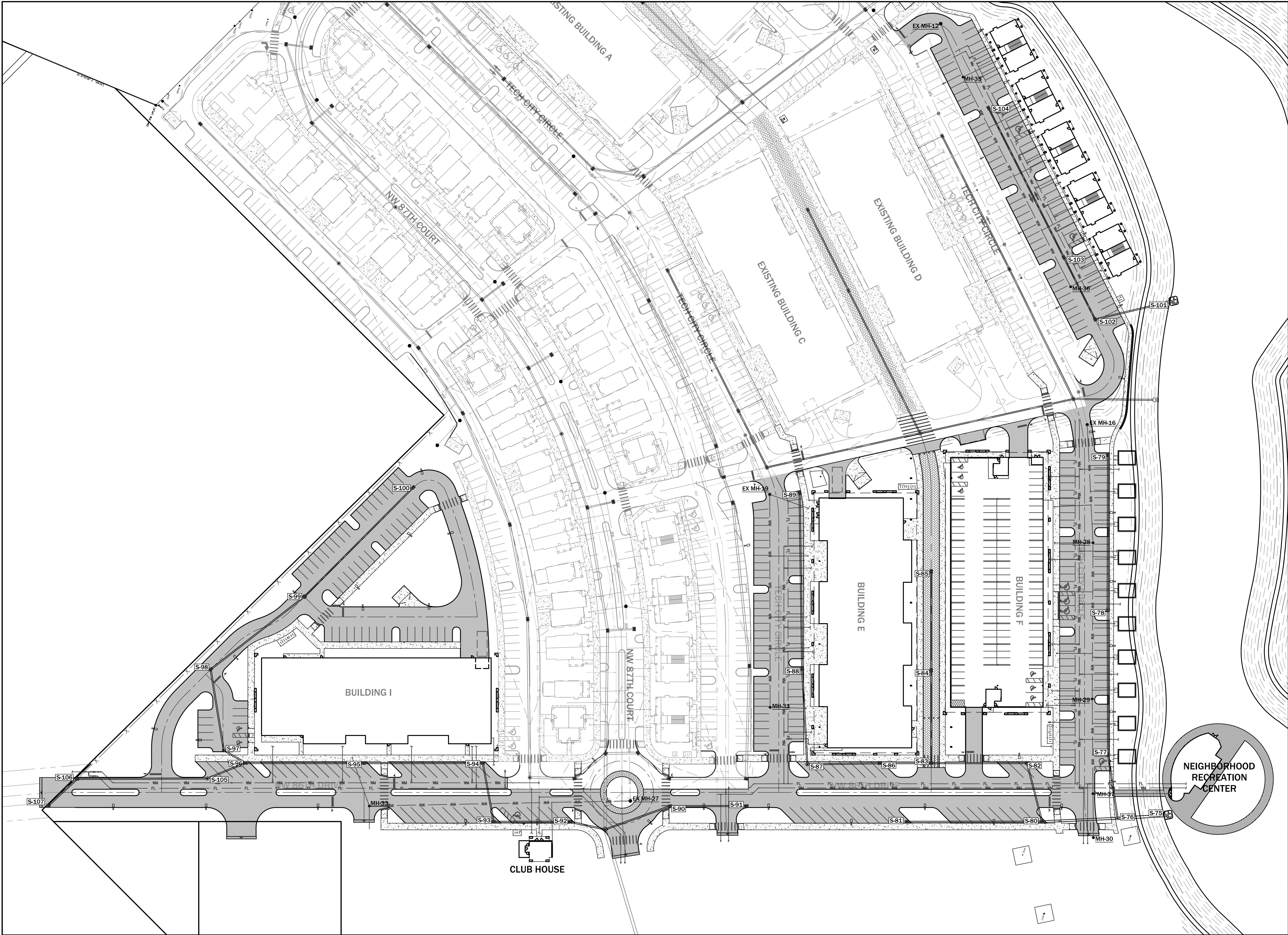
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Project phase: CONSTRUCTION PLANS

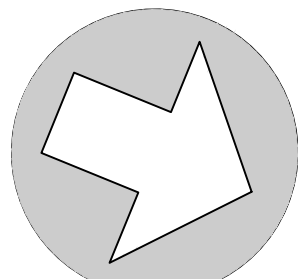
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PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title: DIMENSION PLAN (4 OF 5)
C230

Designed: CSV	Sheet No:
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Date: 06/23/22	



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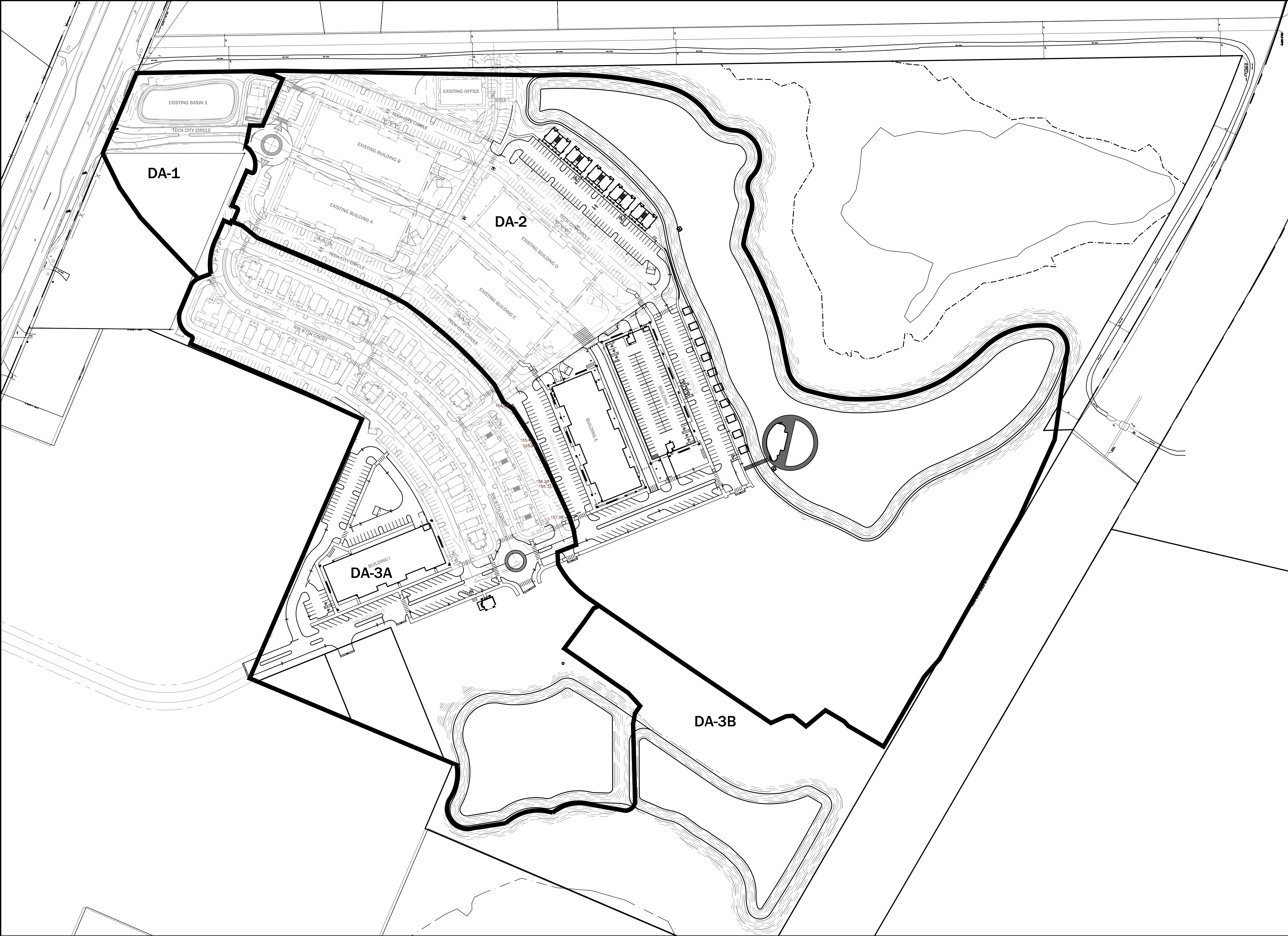
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Project phase:
CONSTRUCTION PLANS

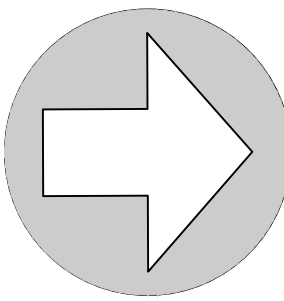
Project title:
SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
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Sheet title:
OVERALL PAVING, GRADING
AND DRAINAGE PLAN

Designed: CSV	Sheet No.:
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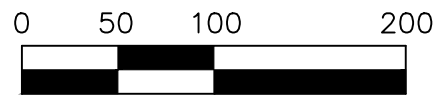


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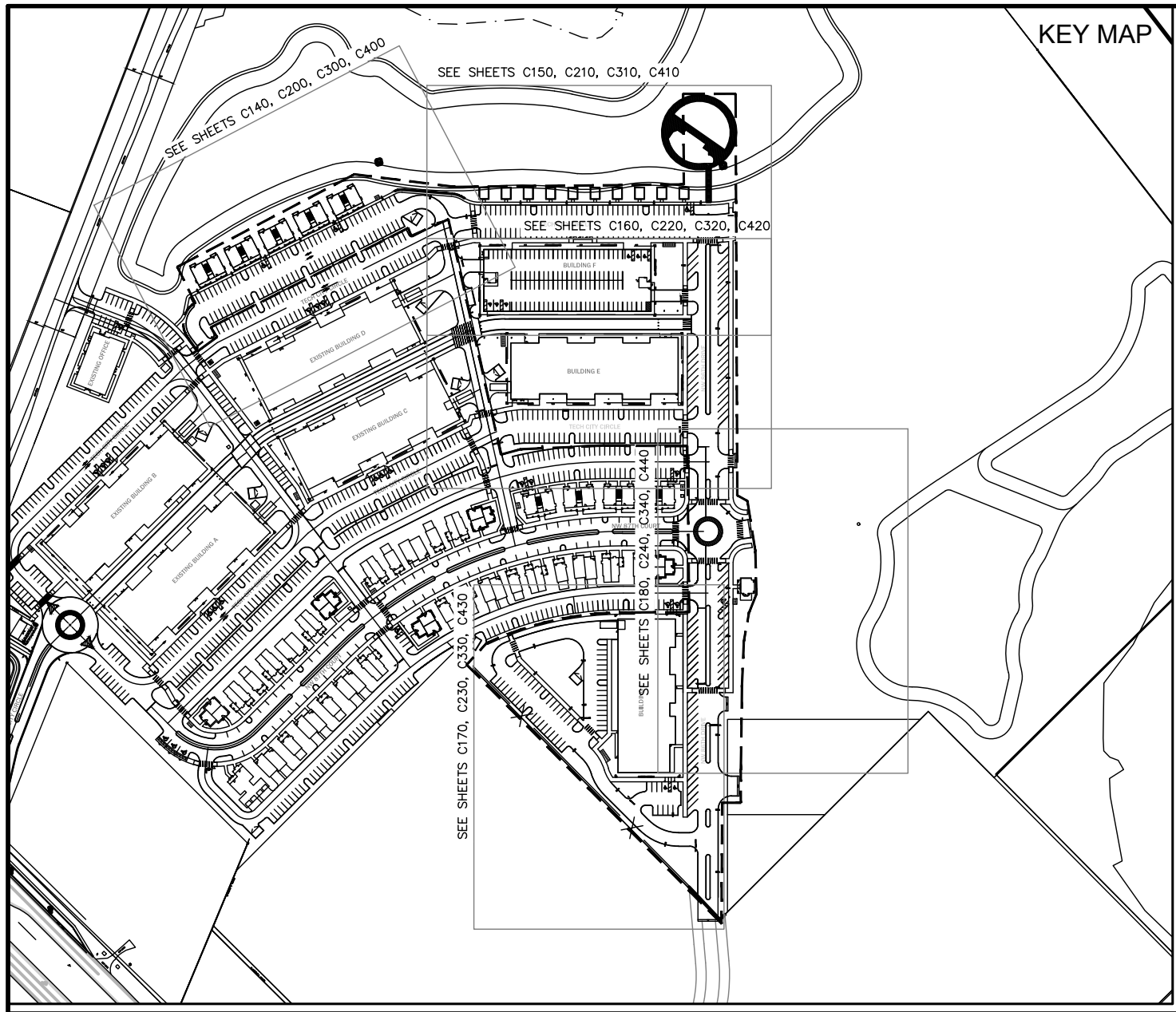
Project phase:
CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

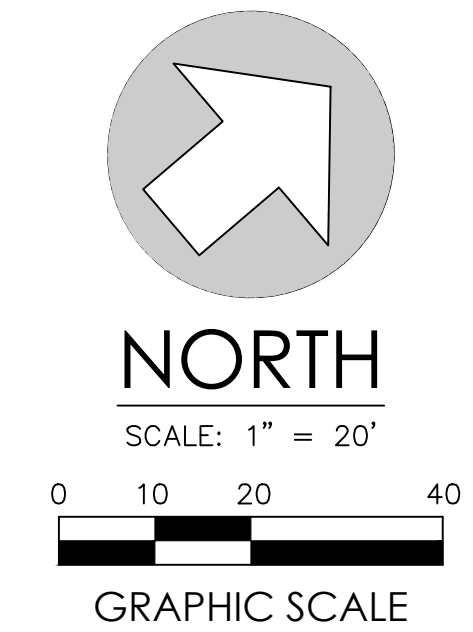
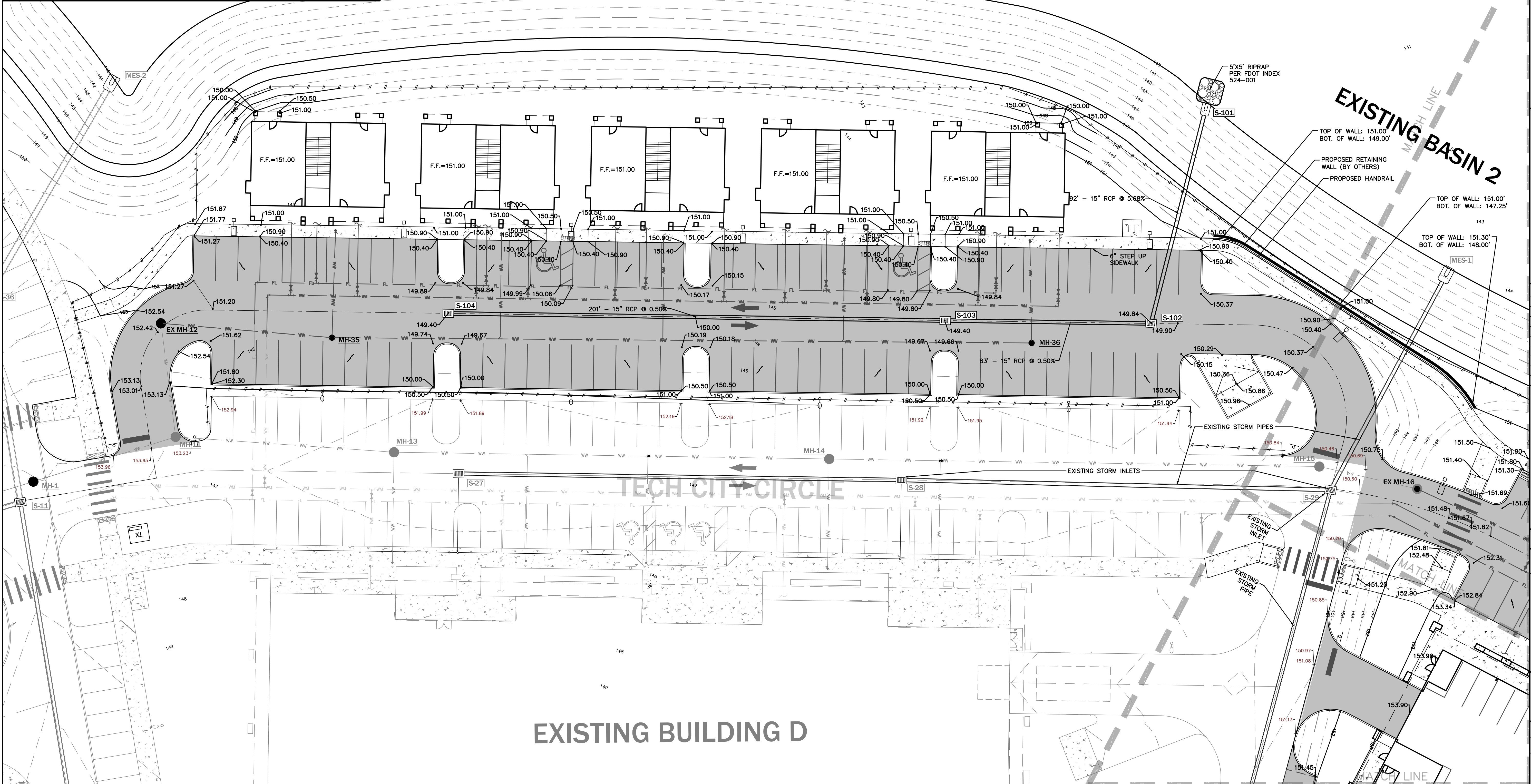
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POST - DEVELOPMENT
DRAINAGE MAP

Designed: CSV	Sheet No.:
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Checked: DJM	
Date: 06/23/22	



STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-102 TYPE-C INLET	TOP EL.=149.84 SW 15" INV.=145.23 NW 15" INV.=145.23	STANDARD 232
S-103 TYPE-C INLET	TOP EL.=149.40 SW 15" INV.=145.65 NE 15" INV.=145.65	STANDARD 232
S-104 TYPE-C INLET	TOP EL.=149.40 NE 15" INV.=146.66	STANDARD 232

MITERED END SECTION SCHEDULE		
MES	PIPE INVERT	FDOT INDEX
S-75	30" INV.=140.00	272
S-101	15" INV.=140.00	272



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Project No: 21-087

Project phase: CONSTRUCTION PLANS

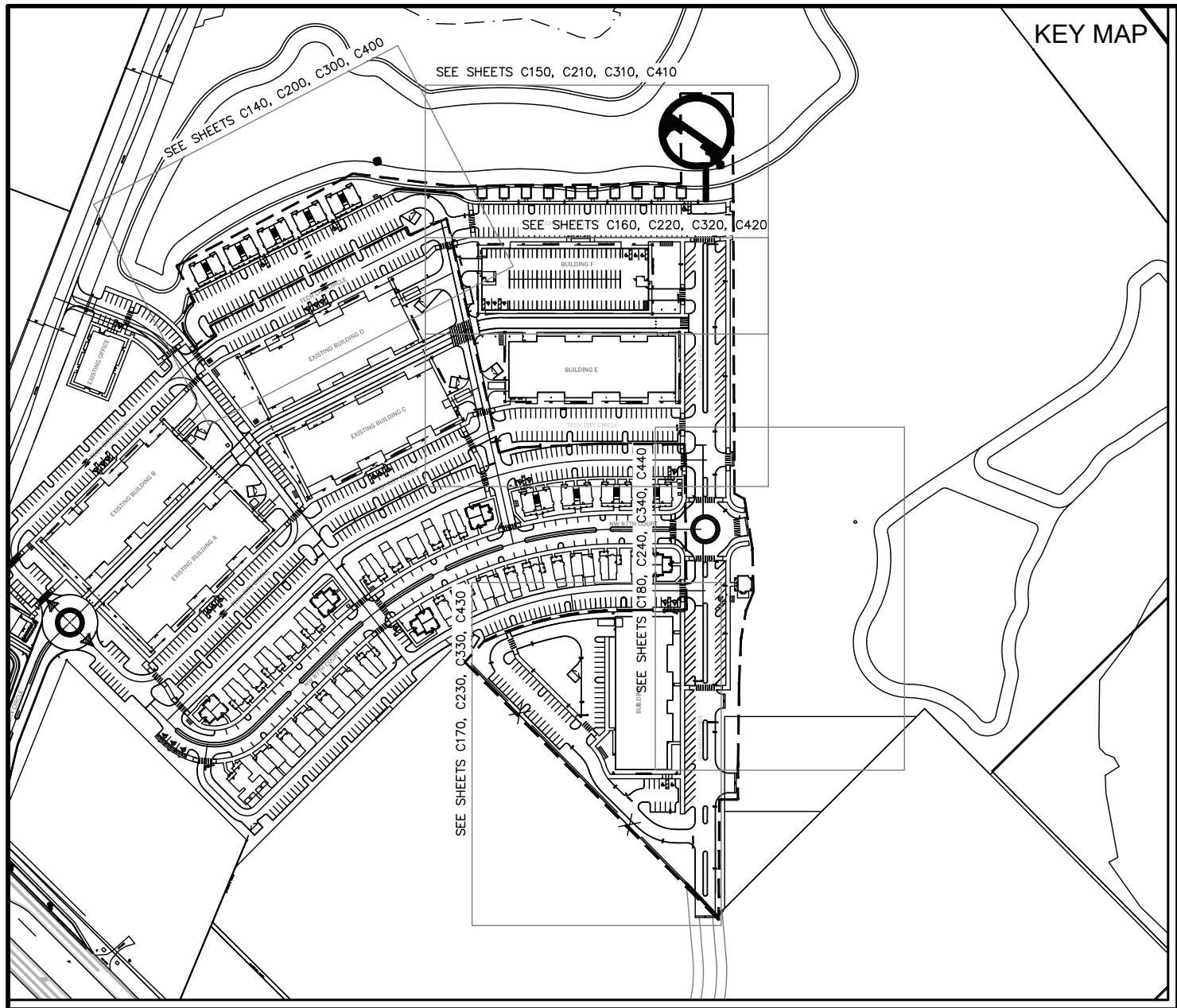
Project title:

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PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:
PAVING, GRADING AND
DRAINAGE (1 OF 5)

Designed: CSV	Sheet No.:
Drawn: MAB	C320
Checked: DJM	
Date: 06/23/22	

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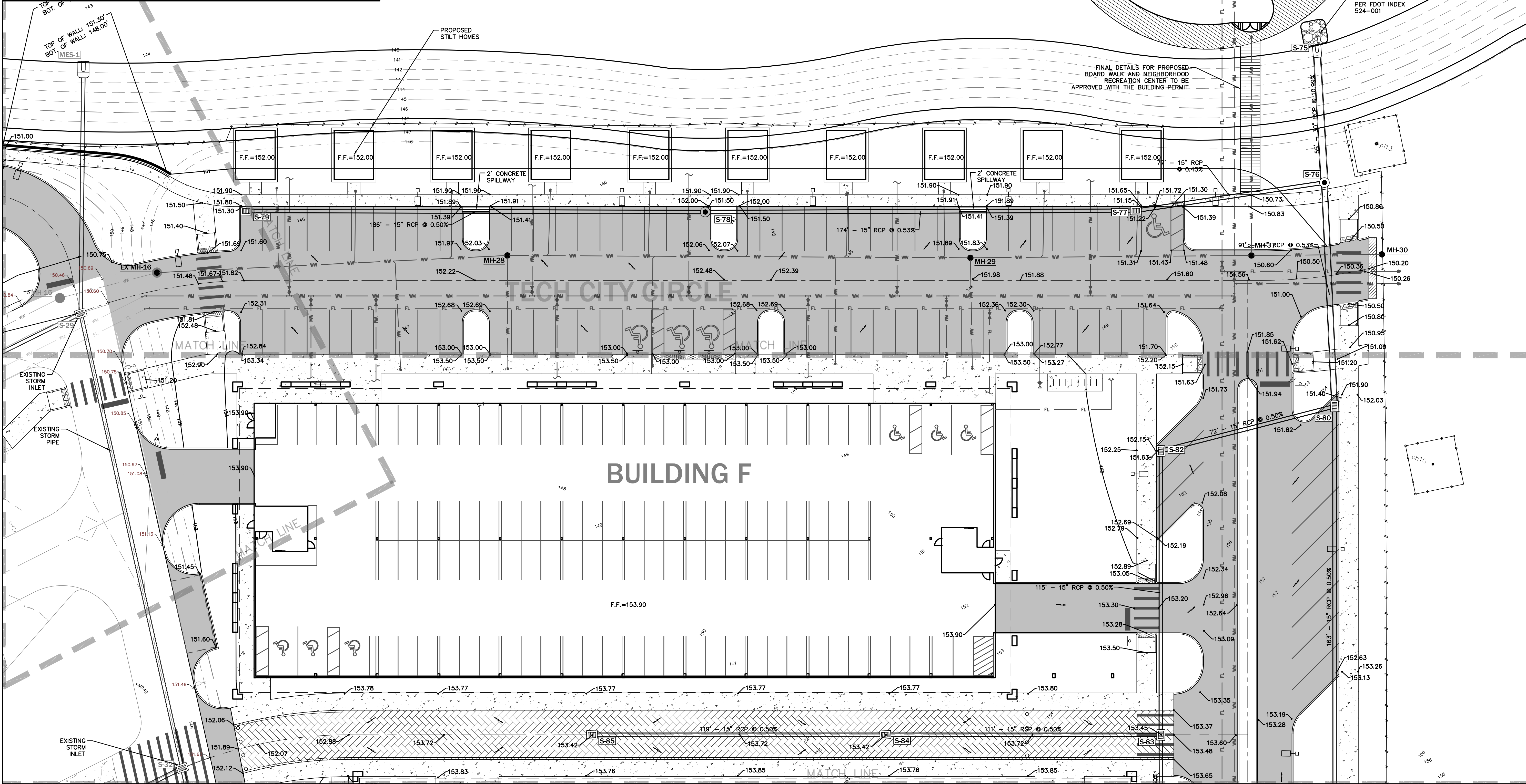


STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-76 STORM MANHOLE	TOP EL.=150.39 SW 15" INV.=146.35 NW 30" INV.=146.15 SE 24" INV.=146.15	STANDARD 200 & 201
S-77 TYPE-C INLET	TOP EL.=151.30 W 15" INV.=146.70 NE 15" INV.=146.70	STANDARD 232
S-78 STORM MANHOLE	TOP EL.=151.89 W 15" INV.=147.62 E 15" INV.=147.62	STANDARD 200 & 201
S-79 TYPE-C INLET	TOP EL.=151.30 E 15" INV.=148.55	STANDARD 232
S-80 TYPE-C INLET	TOP EL.=151.40 SW 15" INV.=146.64 NW 24" INV.=146.64 S 15" INV.=146.64	STANDARD 232
S-81 TYPE-C INLET	TOP EL.=152.98 N 15" INV.=147.45	STANDARD 232

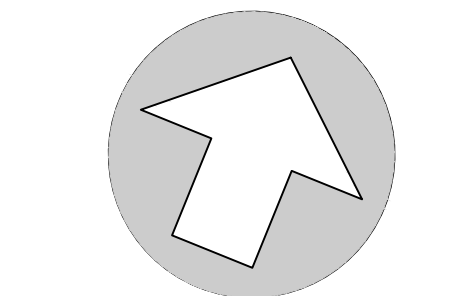
STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-82 TYPE-C INLET	TOP EL.=151.65 NE 15" INV.=147.00 S 15" INV.=147.00	STANDARD 232
S-83 TYPE-C INLET	TOP EL.=153.45 W 15" INV.=147.58 N 15" INV.=147.58 S 15" INV.=147.58	STANDARD 232
S-84 TYPE-C INLET	TOP EL.=153.42 W 15" INV.=148.14 E 15" INV.=148.14	STANDARD 232
S-85 TYPE-C INLET	TOP EL.=153.42 E 15" INV.=148.73	STANDARD 232

MITERED END SECTION SCHEDULE		
MES	PIPE INVERT	FDOT INDEX
S-75	30" INV.=140.00	272
S-101	15" INV.=140.00	272

EXISTING BASIN 2



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Project No: 21-087

Project phase:
CONSTRUCTION PLANS

Project title:

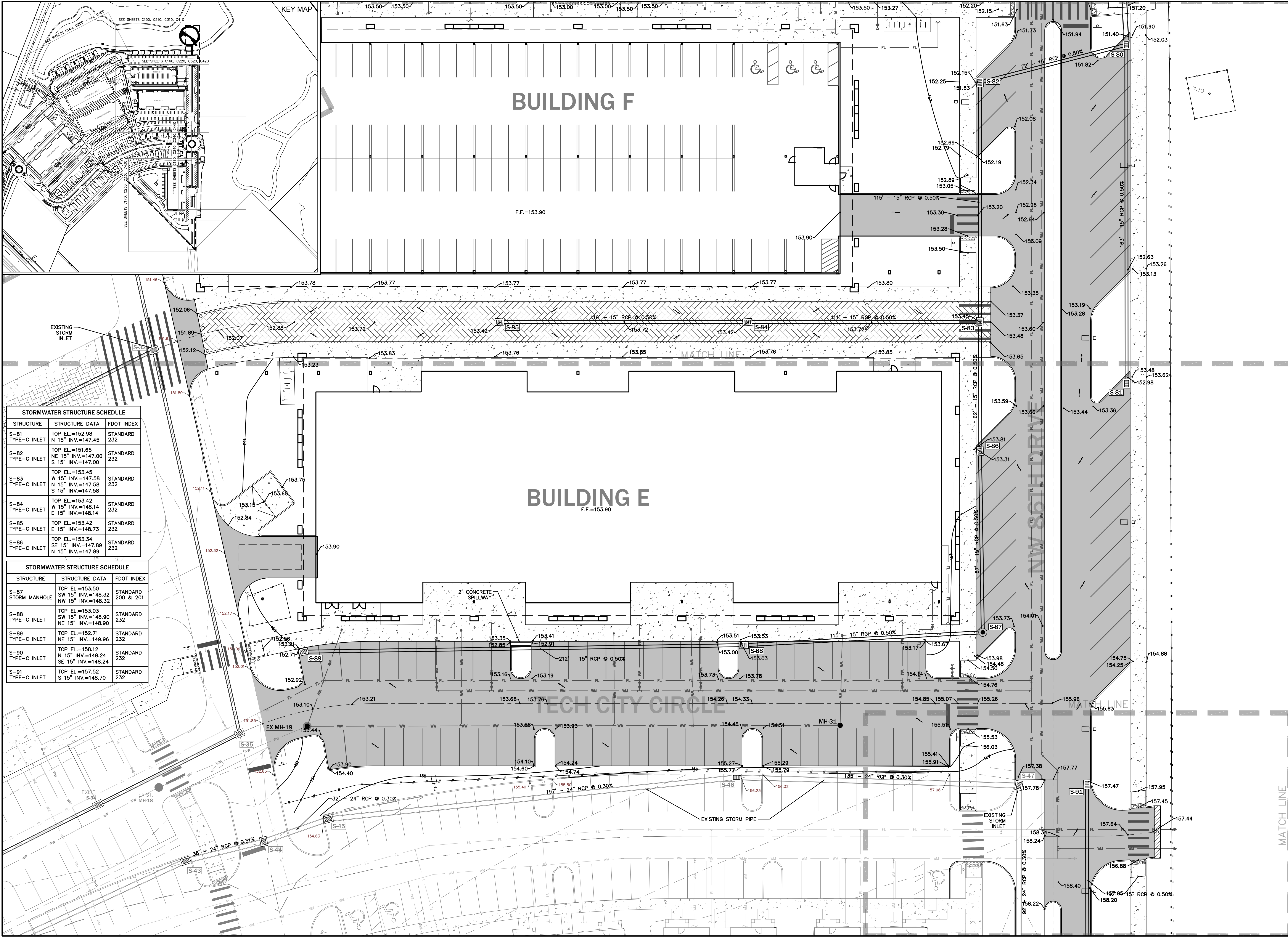
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CITY OF ALACHUA,
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Sheet title:
PAVING, GRADING AND
DRAINAGE (2 OF 5)

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Sheet No.:
C330

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STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-81 TYPE-C INLET	TOP EL.=152.98 N 15" INV.=147.45	STANDARD 232
S-82 TYPE-C INLET	TOP EL.=151.65 NE 15" INV.=147.00 S 15" INV.=147.00	STANDARD 232
S-83 TYPE-C INLET	TOP EL.=153.45 W 15" INV.=147.58 N 15" INV.=147.58 S 15" INV.=147.58	STANDARD 232
S-84 TYPE-C INLET	TOP EL.=153.42 W 15" INV.=148.14 E 15" INV.=148.14	STANDARD 232
S-85 TYPE-C INLET	TOP EL.=153.42 E 15" INV.=148.73	STANDARD 232
S-86 TYPE-C INLET	TOP EL.=153.34 SE 15" INV.=147.89 N 15" INV.=147.89	STANDARD 232

STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-87 STORM MANHOLE	TOP EL.=153.50 SW 15" INV.=148.32 NW 15" INV.=148.32	STANDARD 200 & 201
S-88 TYPE-C INLET	TOP EL.=153.03 SW 15" INV.=148.90 NE 15" INV.=148.90	STANDARD 232
S-89 TYPE-C INLET	TOP EL.=152.71 NE 15" INV.=149.96	STANDARD 232
S-90 TYPE-C INLET	TOP EL.=158.12 N 15" INV.=148.24 SE 15" INV.=148.24	STANDARD 232
S-91 TYPE-C INLET	TOP EL.=157.52 S 15" INV.=148.70	STANDARD 232

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Project No: 21-087

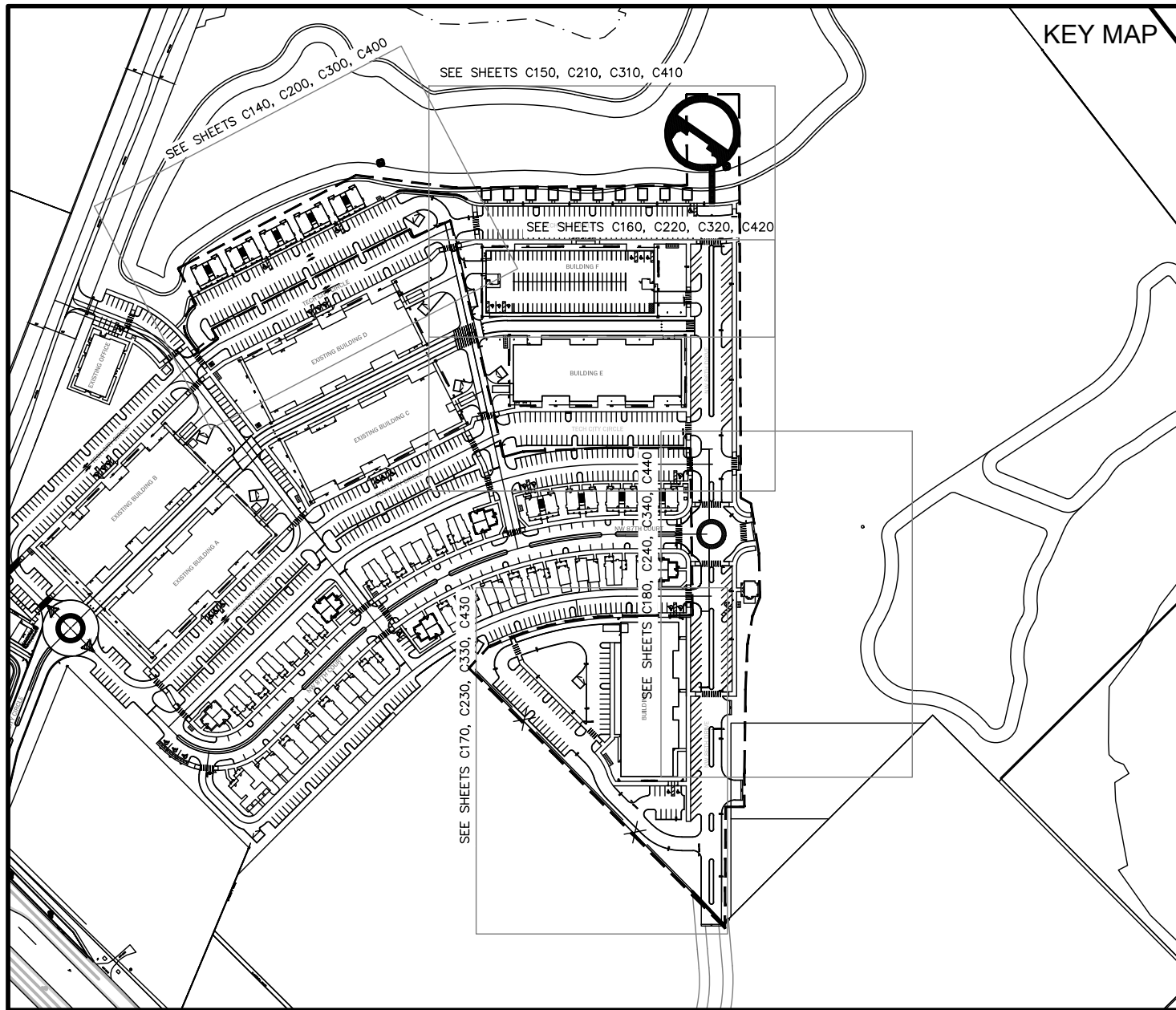
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Project title:

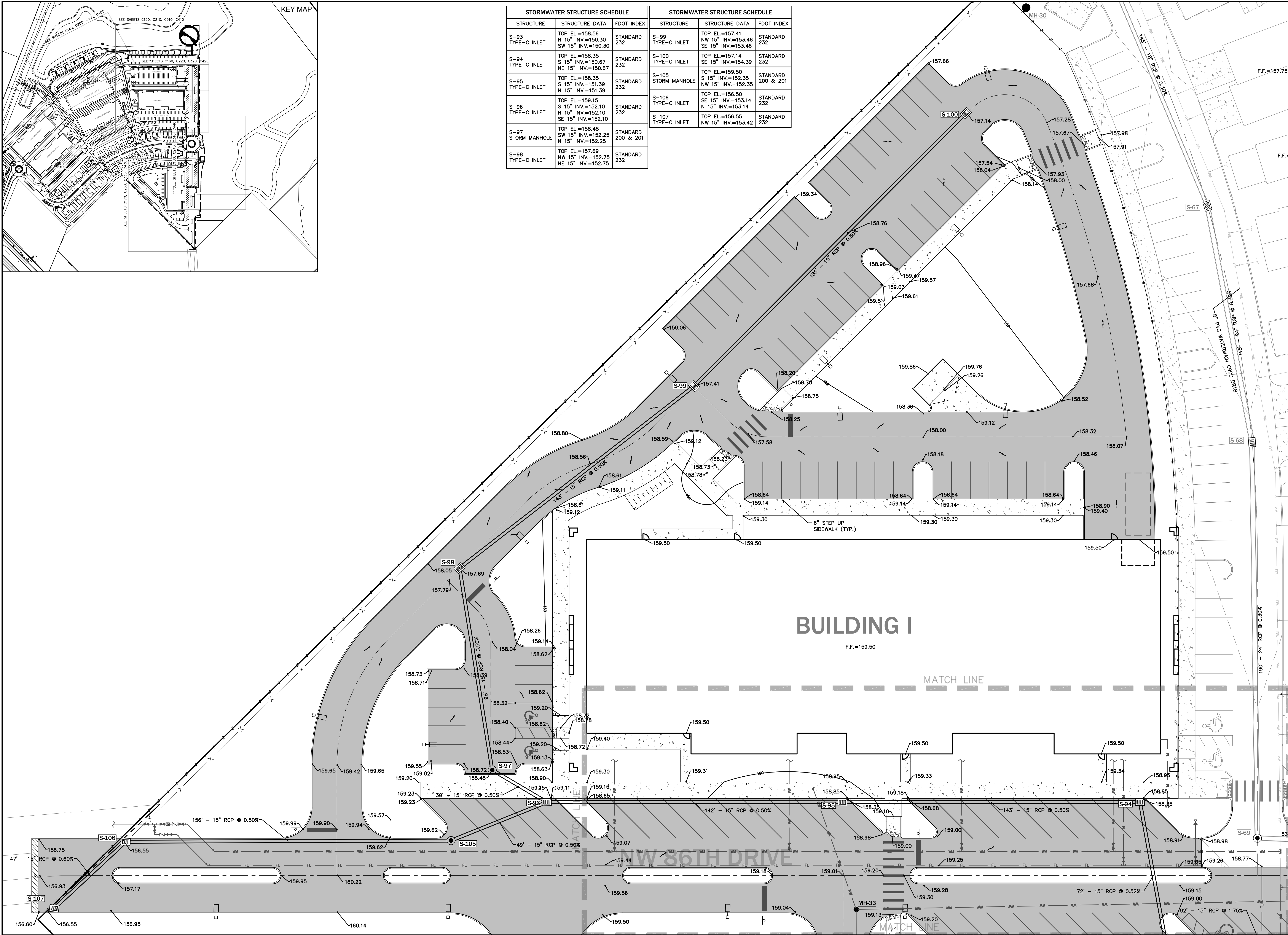
SAN FELASCO TECH CITY
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FLORIDA

Sheet title:
PAVING, GRADING AND
DRAINAGE (3 OF 5)

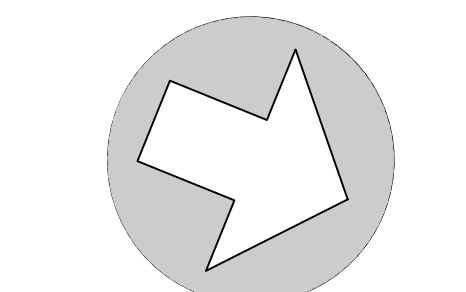
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C340



STORMWATER STRUCTURE SCHEDULE			STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX	STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-93 TYPE-C INLET	TOP EL.=158.56 N 15° INV.=150.30 SW 15° INV.=150.30	STANDARD 232	S-99 TYPE-C INLET	TOP EL.=157.41 NW 15° INV.=153.46 SE 15° INV.=153.46	STANDARD 232
S-94 TYPE-C INLET	TOP EL.=158.35 S 15° INV.=150.67 NE 15° INV.=150.67	STANDARD 232	S-100 TYPE-C INLET	TOP EL.=157.14 S 15° INV.=154.39	STANDARD 232
S-95 TYPE-C INLET	TOP EL.=158.35 S 15° INV.=151.39 N 15° INV.=151.39	STANDARD 232	S-105 STORM MANHOLE	TOP EL.=159.50 S 15° INV.=152.35 NW 15° INV.=152.35	STANDARD 200 & 201
S-96 TYPE-C INLET	TOP EL.=159.15 S 15° INV.=152.10 SE 15° INV.=152.10	STANDARD 232	S-106 TYPE-C INLET	TOP EL.=156.50 SE 15° INV.=153.14 N 15° INV.=153.14	STANDARD 232
S-97 STORM MANHOLE	TOP EL.=158.48 SW 15° INV.=152.25 N 15° INV.=152.25	STANDARD 200 & 201	S-107 TYPE-C INLET	TOP EL.=156.55 NW 15° INV.=153.42	STANDARD 232
S-98 TYPE-C INLET	TOP EL.=157.69 NW 15° INV.=152.75 NE 15° INV.=152.75	STANDARD 232			



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Engineer Certificate No.

Project No: 21-087

Project phase:

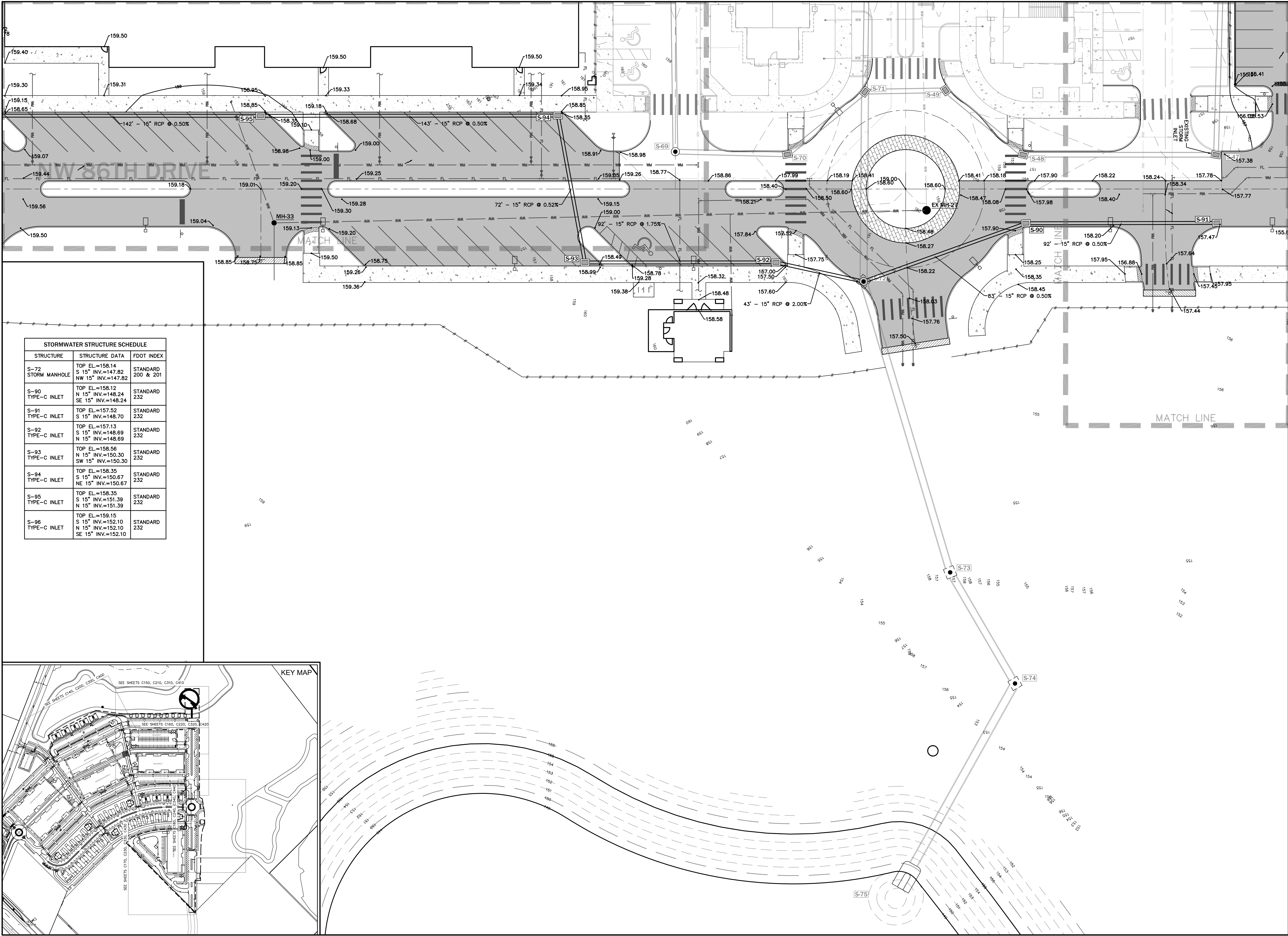
CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:
PAVING, GRADING AND
DRAINAGE (4 OF 5)

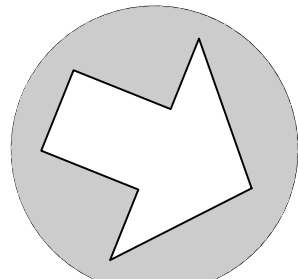
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Checked: DJM
Date: 06/23/22
C350



STORMWATER STRUCTURE SCHEDULE		
STRUCTURE	STRUCTURE DATA	FDOT INDEX
S-72 STORM MANHOLE	TOP EL.=158.14 S 15" INV.=147.82 NW 15" INV.=147.82	STANDARD 200 & 201
S-80 TYPE-C INLET	TOP EL.=158.12 N 15" INV.=148.24 SE 15" INV.=148.24	STANDARD 232
S-91 TYPE-C INLET	TOP EL.=157.52 S 15" INV.=148.70	STANDARD 232
S-92 TYPE-C INLET	TOP EL.=157.13 S 15" INV.=148.69 N 15" INV.=148.69	STANDARD 232
S-93 TYPE-C INLET	TOP EL.=158.56 N 15" INV.=150.30 SW 15" INV.=150.30	STANDARD 232
S-94 TYPE-C INLET	TOP EL.=158.35 S 15" INV.=150.67 NE 15" INV.=150.67	STANDARD 232
S-95 TYPE-C INLET	TOP EL.=158.35 S 15" INV.=151.39 N 15" INV.=151.39	STANDARD 232
S-96 TYPE-C INLET	TOP EL.=159.15 S 15" INV.=152.10 N 15" INV.=152.10 SE 15" INV.=152.10	STANDARD 232



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Engineer Certificate No.

Project No: 21-087

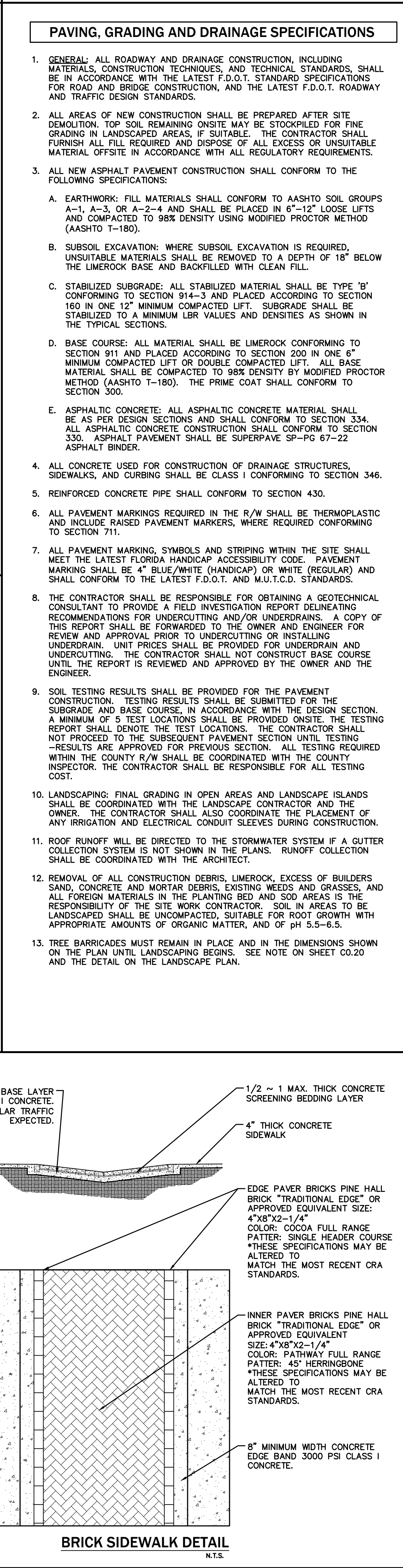
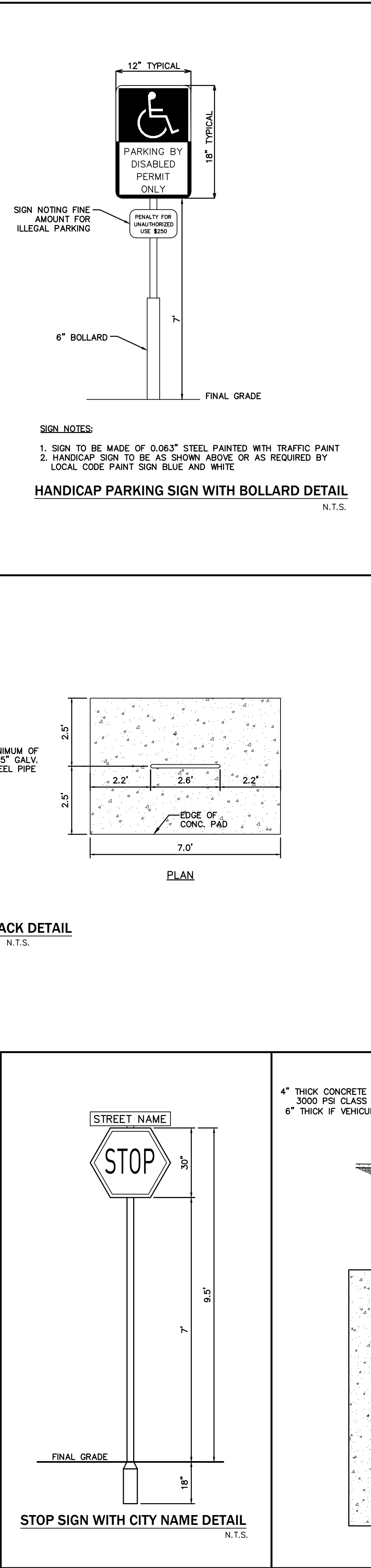
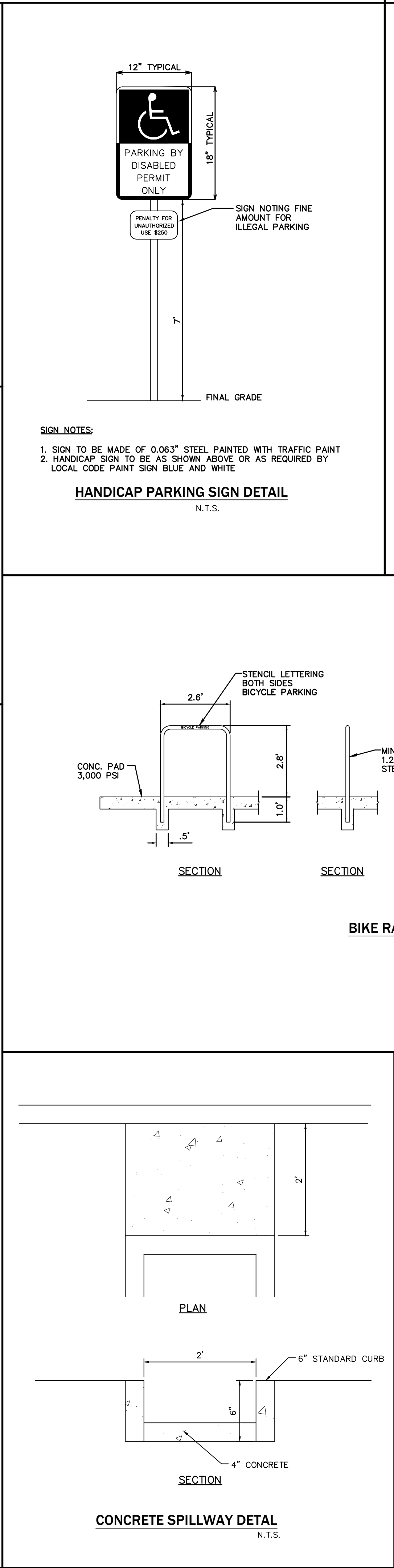
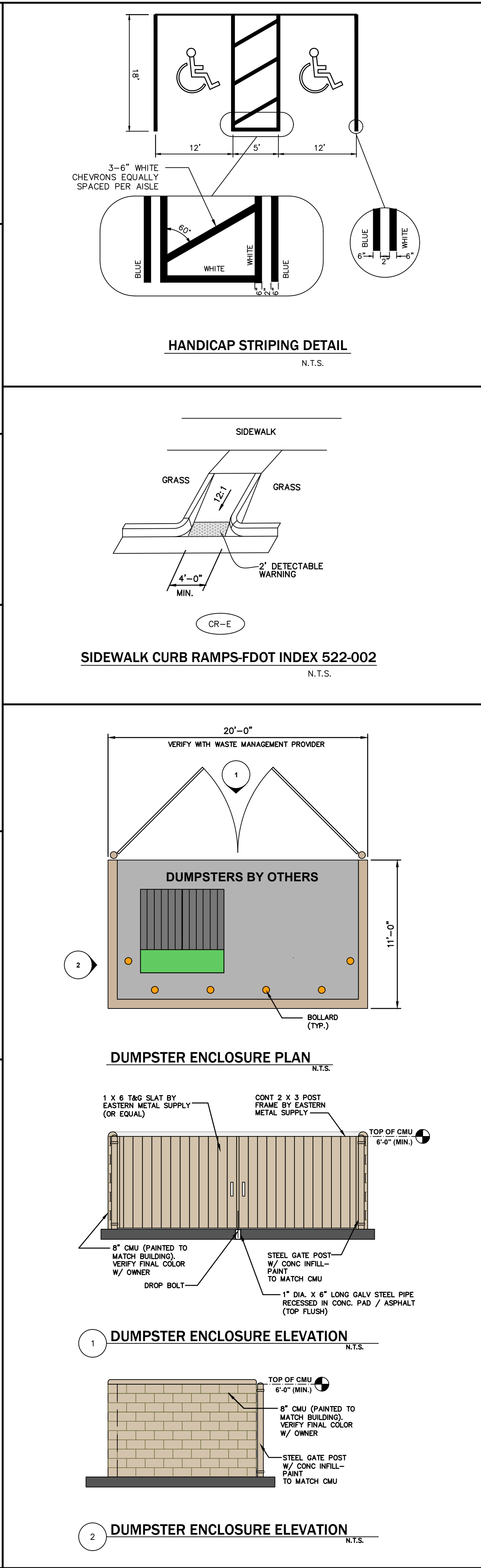
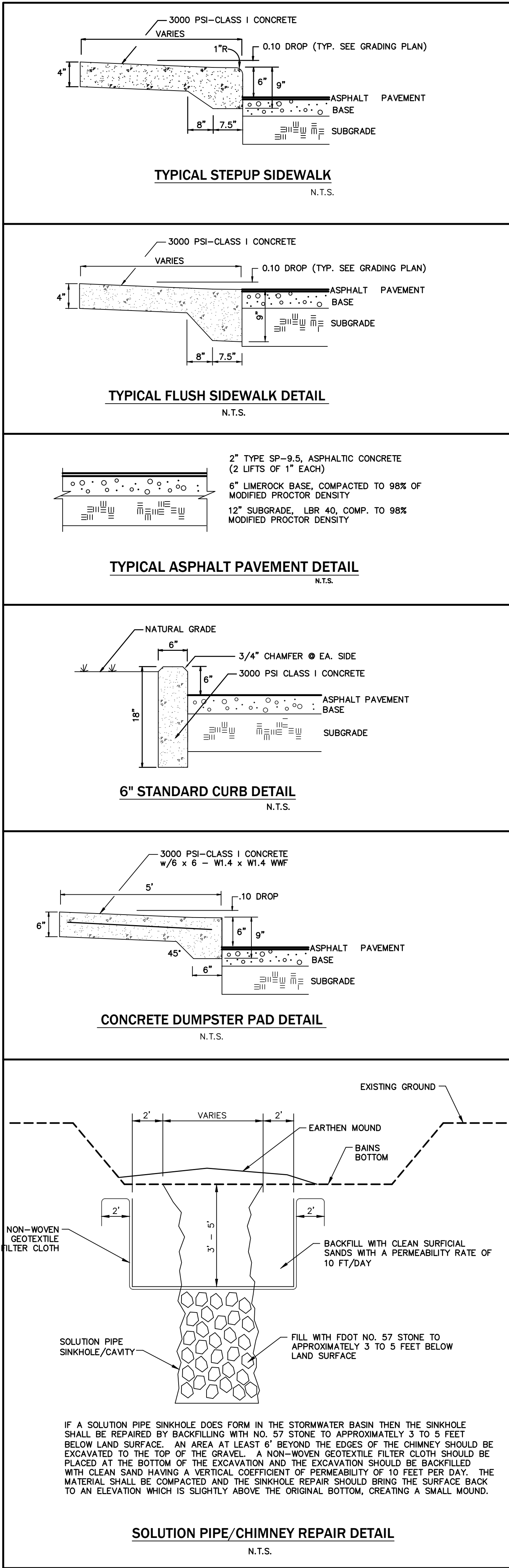
Project phase:
CONSTRUCTION PLANS


Project title:
SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:
PAVING, GRADING AND
DRAINAGE (5 OF 5)

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<div><p>EB 2389 720 S.W. 2nd Ave, South Tower, Suite 300 GAINESVILLE, FLORIDA 32601 TEL: (352) 373-3541 www.edafl.com mail@edafl.com</p></div>							
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<p>THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY CLAUDIA S. VEGA, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.</p> <p>Professional Engineer of Record:</p> <p>Claudia S. Vega, P.E. _____ 51532 Engineer Certificate No.</p> <p>Project No: 21-087</p> <p>Project phase: CONSTRUCTION PLANS</p> <p>Project title: SAN FELASCO TECH CITY PHASE 4 SITE PLAN CITY OF ALACHUA, FLORIDA</p> <p>Sheet title: PAVING, GRADING DETAILS AND NOTES</p> <table><tr><td>Designed: CSV</td><td rowspan="4">Sheet No.: C370</td></tr><tr><td>Drawn: MAB</td></tr><tr><td>Checked: DJM</td></tr><tr><td>Date: 06/23/22</td></tr></table>			Designed: CSV	Sheet No.: C370	Drawn: MAB	Checked: DJM	Date: 06/23/22
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THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MAY BE MODIFIED AND UPDATED DURING CONSTRUCTION AS A RESULT OF WEATHER, UNPREDICTABLE EVENTS AND SITE INSPECTIONS.

THIS DOCUMENT WAS PREPARED IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 62-621.300 (4) OF THE FLORIDA ADMINISTRATIVE CODE, WHICH PERTAINS TO THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE ADMINISTRATIVE CODE GRANTS THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) THE AUTHORITY TO REGULATE POINT SOURCE DISCHARGES OF STORM-WATER FROM CONSTRUCTION SITES. THIS DOCUMENT ESTABLISHES A STORMWATER POLLUTION PREVENTION PLAN FOR THE SITE AND IS ORGANIZED TO CORRESPOND TO PART V OF DEP DOCUMENT No. 62-621.300 (4) (A) FDEP FORM 62-261.300 (4) (B) IS TO BE SUBMITTED IN CONJUNCTION WITH THIS DOCUMENT.

I. PROJECT INFORMATION:

PROJECT: SAN FELASCO TECH CITY PHASE 4
COUNTY: ALACHUA, FLORIDA
SECTION/TOWNSHIP/RANGE: S 20 , T 08 SOUTH, R 19 EAST
COUNTY PARCEL NO.: 05962-002-000
LATITUDE AND LONGITUDE: 29°46'41.7"N, 82°26'23.2"W
STREET ADDRESS: 13000 BLOCK OF NW US HWY 441
PROJECT AREA: 12.56 Ac.
APPROXIMATE AREA TO BE DISTURBED BY CONSTRUCTION: 12.56 Ac.

II. SITE DESCRIPTION:

1. THE PROPOSED DEVELOPMENT WILL CONSIST OF THE CONSTRUCTION OF 10 SINGLE RESIDENTIAL UNITS, 40 ATTACHED RESIDENTIAL UNITS, THREE R&D AND AND STORAGE WAREHOUSE BUILDINGS, A PAVILION BUILDING AND PUBLIC BUILDING WITH AMENITIES.

THE PROPOSED DEVELOPMENT UTILIZES AN EXISTING MASTER STORMWATER SYSTEM.

2. THE SOIL CONDITIONS WERE INVESTIGATED AND SUMMARIZED IN THE SOILS REPORT PREPARED BY UNIVERSAL ENGINEERING SCIENCES. THE PROPOSED DRAINAGE PLAN WILL CONSIST OF (3) DRAINAGE AREAS. AREA (1): 3.00 ACRES OF RUNOFF WILL BE ATTENUATED BY BASIN No. 1 WHICH DISCHARGES INTO THE EXISTING STORMWATER SYSTEM ALONG THE RIGHT-OF-WAY OF US HWY 441. AREA (2) 16.40 ACRES OF RUNOFF WILL BE ATTENUATED BY BASIN No. 2 WHICH DISCHARGES INTO THE EXISTING WETLAND AT THE NORTHERN END OF THE PROJECT SITE. AREA (3): 23.58 ACRES OF RUNOFF WILL BE ATTENUATED BY BASIN No. 3 WHICH DISCHARGES INTO THE EXISTING WETLAND AT THE EASTERN END OF THE PROJECT SITE. AREA (4): 16.36 ACRES OF RUNOFF WILL SHEET FLOW INTO THE EXISTING WETLAND AS IN EXISTING CONDITIONS.

3. EXISTING AND FUTURE DRAINAGE PATTERNS ARE SHOWN ON THE DRAINAGE PLAN FOR PRE-DEVELOPMENT CONDITIONS AND POST-DEVELOPMENT CONDITIONS. OUTFALLS, AND STORMWATER BASINS ARE SHOWN IN THE DRAINAGE PLAN AND THE DETAIL PLAN.

4. SEQUENCE OF CONSTRUCTION:

- A. PRIOR TO CONSTRUCTION, SILT FENCING AND TREE PROTECTION BARRICADES SHALL BE INSTALLED AND ALL EXISTING DRAINAGE STRUCTURES SHALL BE PROTECTED IN ACCORDANCE WITH THE FDOT FLORIDA EROSION AND SEDIMENTATION CONTROL MANUAL.
- B. THE CONSTRUCTION ENTRANCE(S) WILL BE STABILIZED TO MINIMIZE THE CREATION OF DUST AND OFF SITE TRACKING OF SEDIMENTS.
- C. THE SITE SHALL BE CLEARED AND GRUBBED OF UNDESIRABLE VEGETATION.
- D. THE UNDERGROUND UTILITIES AND STORMWATER PIPING WILL BE INSTALLED AND CONNECTED TO EXISTING STRUCTURES.
- E. THE SITE WILL BE ROUGHLY GRADED. IF SUITABLE, THE EXCAVATED MATERIAL MAY BE USED AS FILL FOR ON-SITE GRADING. THE ROADWAYS SHALL BE GRADED. (THE BASIN AREA SHALL BE STABILIZED AS SPECIFIED IN THE PLANS.)
- F. ROADWAYS AND PARKING LOTS WILL BE COMPACTED AND A LIMEROCK BASE WILL BE ESTABLISHED FOLLOWED BY AN OVERLAY OF ASPHALTIC CONCRETE. BUILDINGS SHALL BE CONSTRUCTED.
- G. UPON SIGNIFICANT COMPLETION OF CONSTRUCTION, THE STORMWATER SYSTEM SHALL BE FLUSHED OUT TO REMOVE ACCUMULATED DEBRIS AND SEDIMENT.
- H. EXISTING STORMWATER BASINS WILL BE SCRAPED CLEAN OF ACCUMULATED SEDIMENT.
- I. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION AREA SHALL BE COMPLETELY GRASSED AND/OR LANDSCAPED. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS.

III. CONTROLS:

THE CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED DURING THE ENTIRE CONSTRUCTION OF THE PROJECT. IF SITE CONDITIONS ARE SUCH THAT ADDITIONAL CONTROL MEASURES ARE REQUIRED THAN WHAT IS SPECIFIED IN THE EROSION AND SEDIMENTATION CONTROL PLAN, THEN THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL BEST MANAGEMENT PRACTICES NECESSARY.

1. THE CONSTRUCTION ACCESS SHALL BE STABILIZED WITH GRAVEL AND TEMPORARY VEGETATION TO PREVENT SILT LEAVING THE SITE.
2. TREE BARRICADES SHALL BE IMPLEMENTED BEFORE CLEARING AND GRUBBING OF ANY OF THE WORK AREAS.
3. BEFORE CLEARING, SILT FENCES SHALL BE INSTALLED AROUND THE PERIMETER OF THE CONSTRUCTION AND AROUND THE WETLAND(S) AND/OR BASIN(S) AS SHOWN IN THE PLANS. ALL EXISTING STORM DRAINAGE SWALES AND INLETS SHALL BE PROTECTED PER THE FDOT FLORIDA EROSION AND SEDIMENTATION CONTROL MANUAL.
4. AFTER CLEARING BUT BEFORE EXCAVATION AND GRADING, TEMPORARY BERMS AND SWALES SHALL BE CONSTRUCTED AS REQUIRED TO DIVERT THE FLOW INTO THE CORRESPONDING STORMWATER BASIN.
5. THE BASIN (ALL BASIN) AREA(S) SHALL BE PROTECTED AS INDICATED ON THE PLANS.
6. THE STORMWATER BASIN(S) SHALL BE ROUGH GRADED TO WITHIN 6" OF THE DESIGNED BASIN BOTTOM. THE BASIN SIDE SLOPES SHALL BE STABILIZED AS SHOWN IN THE PLANS BY SEEDING, MULCHING AND/OR SODDING TO PREVENT EXCESSIVE EROSION.
7. DURING CONSTRUCTION OF PAVING AND BUILDINGS, EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED.
8. ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE SHALL BE COMPLETELY LANDSCAPED AND/OR GRASSED. FINAL STABILIZATION (INCLUDING SEEDING, MULCHING, SODDING OR RIPRAP) SHALL BE INSTALLED AS REQUIRED. GRASS SEEDING RATES AND MIXTURES SHALL BE PER FOOT INDEX 104. EVIDENCE OF GROWTH MUST BE PRESENT PRIOR TO REMOVAL OF SILT FENCING AND OTHER EROSION CONTROL APPLICATIONS AND PRIOR TO FINAL RELEASE.

IV. EROSION AND SEDIMENTATION CONTROLS:

STABILIZATION PRACTICES

1. ALL ENTRANCES TO THE SITE SHALL BE STABILIZED BEFORE CONSTRUCTION AND FURTHER DISTURBANCE BEGINS. GRAVEL PAD SHALL PROVIDE STABILIZATION AND MINIMIZE THE AMOUNT OF SEDIMENT LEAVING THE SITE. MAINTENANCE OF THE ENTRANCE SHALL INCLUDE SWEEPING OF THE AREA ADJACENT TO THE ENTRANCE. STONE AND GRAVEL MIGHT NEED TO BE PERIODICALLY ADDED TO MAINTAIN THE EFFECTIVENESS OF THE ENTRANCE(S).
2. TREE BARRICADES SHALL BE INSTALLED AROUND THE TREES AS SHOWN IN THE DETAIL PLAN TO PROTECT THE EXISTING VEGETATION.
3. MULCH SHALL BE PLACED IN THE AREAS REQUIRED TO PREVENT EROSION FROM STORMWATER RUNOFF AND THE AREAS SHOWN ON THE PLANS. MULCH SHALL BE ANCHORED TO RESIST WIND DISPLACEMENT AND SHALL BE INSPECTED AFTER EVERY RAINSTORM TO IDENTIFY AREAS WHERE MULCH HAS BEEN WASHED OUT OR LOOSENED. THESE AREAS SHALL HAVE MULCH COVER REPLACEMENT.
4. SEEDING SHALL BE STARTED AFTER GRADING HAS BEEN FINISHED ON THE AREAS SHOWN IN THE PLANS. SEEDED AREAS SHOULD BE INSPECTED FOR FAILURE TO ESTABLISH, AND NECESSARY REPAIRS AND RESEEDING SHOULD BE MADE AS SOON AS POSSIBLE. ADDITIONAL SEEDING AND MULCH MAY BE REQUIRED AS NECESSARY TO PREVENT EROSION DURING OR AFTER CONSTRUCTION HAS FINISHED.
5. SOD SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS. SOD SHALL BE PEGGED IF INSTALLED ON SLOPES GREATER THAN 3:1. SODDED AREAS SHALL BE MAINTAINED AND INSPECTED TO ENSURE SUCCESSFUL ESTABLISHMENT.

SEDIMENTATION PRACTICES

1. SILT FENCES SHALL BE INSTALLED IN THE AREAS SHOWN IN THE PLANS AND AS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL EVENT TO ENSURE THAT THERE ARE NO GAPS OR TEARS. IF GAPS OR TEARS ARE FOUND THE FABRIC SHOULD BE REPAIRED OR REPLACED. SEDIMENT REMOVAL SHALL BE PART OF THE REGULAR MAINTENANCE. SILT FENCES SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS FINISHED AND DISTURBED AREAS ARE PERMANENTLY STABILIZED.
2. DIVERSION SWALES, IF REQUIRED, SHALL BE CONSTRUCTED BEFORE MAJOR LAND DISTURBANCE OF THE RECEIVING BASIN. DIVERSION SWALES SHALL BE STABILIZED AFTER CONSTRUCTION TO MAINTAIN ITS EFFICIENCY.
3. INLETS SHOULD BE TEMPORARILY PROTECTED TO PREVENT SEDIMENT ENTERING THE INLET. BARRIERS WILL CATCH SOIL, DEBRIS AND SEDIMENT AT THE ENTRANCE OF THE INLET.
4. OUTFALL STRUCTURES SHALL HAVE SILT FENCES TO PREVENT SILT FROM ENTERING THE STORMWATER BASINS AND SHALL BE STABILIZED AS REQUIRED TO PREVENT EROSION FROM WASHOUTS.

V. STORMWATER MANAGEMENT:

1. THE PROPOSED PROJECT OBTAINED AN ENVIRONMENTAL RESOURCE PERMIT FROM SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) FOR THE CONSTRUCTION AND OPERATION OF A STORMWATER TREATMENT SYSTEM AND CONTROLS. THE PROPOSED SYSTEM (AS SHOWN ON THE PLANS) INCLUDED THE USE OF THE BEST MANAGEMENT PRACTICES (BMP) CONSISTENT WITH THE APPLICABLE REQUIREMENTS OF RULE 40C-42 OF THE DISTRICT. THE OWNER AND/OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER TREATMENT SYSTEM AND CONTROLS UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETED AND FINAL STABILIZATION HAS BEEN ACCOMPLISHED. HOWEVER, THE OWNER AND/OR AN ENTITY SIMILAR TO A HOMEOWNERS ASSOCIATION SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER SYSTEM IN PERPETUITY, IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENVIRONMENTAL RESOURCE PERMIT.
2. TO TREAT AND CONTROL THE STORMWATER PRODUCED BY THE PROPOSED DEVELOPMENT, THE PROJECT REQUIRES THE INSTALLATION AND CONSTRUCTION OF THE FOLLOWING BMP'S: 2 DRY RETENTION BASINS WITH ALL GRADING ASSOCIATED WITH THE CONSTRUCTION. THE BASIN SYSTEM HAS BEEN DESIGNED TO CONTAIN AND ATTENUATE THE STORMS AND DISCHARGE AT PRE-DEVELOPMENT CONDITIONS, WHILE PROVIDING TREATMENT TO THE RUNOFF AS REQUIRED BY THE DISTRICT AND STATE RULES USING THE GUIDELINES CONTAINED IN THE SRWMD HANDBOOK.
3. THE PROPOSED DEVELOPMENT UTILIZES AN EXISTING MASTER STORMWATER SYSTEM WHICH CONSISTS OF 3 DRAINAGE AREAS. AREA 1 HAS A DRY RETENTION BASIN THAT DISCHARGES TO THE EXISTING STORMWATER SYSTEM ALONG THE RIGHT-OF-WAY OF US HWY 441. AREA 2 HAS A DRY RETENTION BASIN THAT DISCHARGES TO THE EXISTING WETLAND. AREA 3 HAS A DRY RETENTION BASIN THAT DISCHARGES TO THE EXISTING WETLAND.

VI. CONTROLS FOR OTHER POTENTIAL POLLUTANTS:

1. WASTE DISPOSAL: NO SOLID MATERIALS, INCLUDING CONSTRUCTION MATERIALS, SHALL BE DISCHARGED TO SURFACE WATERS AND ARE NOT AUTHORIZED UNDER THE ISSUED ENVIRONMENTAL RESOURCE PERMIT.
2. THE USE OF GRAVEL AND CONTINUING SWEEPING ACTIVITIES AT THE ENTRANCE OF THE SITE WILL CONTROL THE TRACKING OF SEDIMENT AND DUST LEAVING THE SITE.
3. THE PROPOSED DEVELOPMENT WILL PROVIDE WATER AND SEWER SYSTEM BY CONNECTING INTO THE CENTRAL MUNICIPAL SYSTEM OF THE CITY OF ALACHUA.
4. ANY APPLICATION OF FERTILIZERS AND PESTICIDES NECESSARY TO ESTABLISH AND MAINTENANCE OF VEGETATION DURING CONSTRUCTION AND THROUGH PERPETUITY MAINTENANCE SHALL FOLLOW THE MANUFACTURERS RECOMMENDATIONS AND THE APPLICABLE RULES OF THE STATE OF FLORIDA.
5. ANY TOXIC MATERIALS REQUIRED DURING CONSTRUCTION SHALL BE PROPERLY STORED, DISPOSED OF AND CONTRACTOR AND/OR OWNER SHALL PROVIDE THE APPROPRIATE PERMITS FROM THE LOCAL OR STATE AGENCIES.

VII. APPROVED STATE OR LOCAL PLANS:

1. ALL THE SEDIMENT AND EROSION CONTROLS THAT ARE LISTED IN THE SITE PLAN AS APPROVED BY THE SRWMD ARE INCLUDED IN THIS STORMWATER POLLUTION PREVENTION PLAN (SEE ITEM III AND IV).
2. THIS STORMWATER POLLUTION PREVENTION PLAN SHALL BE AMENDED IF REQUIRED BY ANY LOCAL OR STATE AGENCY OR AS REQUIRED BY UNFORESEEABLE CONDITIONS AND THE OWNER SHALL SUBMIT A RE-CERTIFICATION TO THE NPDES STATE OFFICE THAT THE PLAN HAS BEEN AMENDED TO ADDRESS THOSE CHANGES.

VIII. MAINTENANCE:

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE, INSPECTION SCHEDULE, AND REPAIRS OUTLINED IN THIS PLAN. MAINTENANCE SHALL CONTINUE THROUGHOUT THE PROJECT UNTIL WORK IS COMPLETE. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE.

IN ADDITION TO THE ITEMS MENTIONED IN THE PREVIOUS SECTIONS, THE CONTRACTOR SHALL INITIATE ANY REPAIRS WITHIN 24 HOURS OF BEING REPORTED. IN THE EVENT THAT THE BASINS DO NOT PERFORM PROPERLY OR IF A SINKHOLE DEVELOPS, THE PROJECT ENGINEER SHALL BE NOTIFIED TO ASSIST IN COORDINATING REMEDIAL ACTION.

1. MAINTENANCE WOULD BE DIVIDED IN ROUTINE MAINTENANCE AND REPAIR MAINTENANCE. ALL STORMWATER BMP'S SHOULD BE INSPECTED FOR CONTINUED EFFECTIVENESS AND STRUCTURAL INTEGRITY ON A REGULAR BASIS. THE SYSTEMS SHOULD BE CHECKED AFTER EACH STORM EVENT IN ADDITION TO REGULARLY SCHEDULED INSPECTIONS.
2. ROUTINE MAINTENANCE REQUIREMENTS SHOULD BE INCLUDED IN THE INSPECTOR CHECKLIST TO AID THE INSPECTOR IN DETERMINING WHETHER A BMP'S MAINTENANCE IS ADEQUATE OR NEEDS A REVISION. INSPECTORS SHALL KEEP RECORD OF MAINTENANCE, ROUTINE OR REPAIR, TO PROVIDE EVIDENCE OF AN EFFICIENT INSPECTION AND MAINTENANCE.
3. SIDE ENTRANCES: MAINTENANCE SHALL INCLUDE REPLACEMENT OF GRAVEL AND CLEANING THE SOIL THAT IS TRACKED OFFSITE FOR PROPER DISPOSAL.
4. TREE BARRICADES: MAINTENANCE SHALL INCLUDE INSPECTION OF MESH AND POSTS AND REPAIR OR REPLACEMENT OF DAMAGED VEGETATION.
5. SILT FENCES: MAINTENANCE SHALL INCLUDE SEDIMENT REMOVAL AND INSPECTION TO ENSURE PROPER ANCHORING AND THAT NO TEARING OR GAPS HAVE OCCURRED. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF SILT FENCE.
6. DIVERSION SWALES: MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY RAINFALL EVENT AND ONCE EVERY TWO WEEKS BEFORE FINAL STABILIZATION. THEY SHOULD BE CLEARED OF SEDIMENT AND MAINTAIN VEGETATIVE COVER.
7. TEMPORARY BERMS: MAINTENANCE SHALL INCLUDE REMOVAL OF DEBRIS, TRASH SEDIMENT AND LEAVES. SIDES OF THE BERM SHALL BE INSPECTED FOR EROSION AFTER EACH STORM EVENT.
8. MULCHING: ROUTINE MAINTENANCE SHALL INCLUDE REPLACEMENT PERIODICALLY.
9. SEEDING: ROUTINE MAINTENANCE SHALL INCLUDE RESEEDING OF AREAS THAT FAILED TO ESTABLISH.
10. SODDING: ROUTINE MAINTENANCE SHALL INCLUDE WATERING AND MOWING. REPLACEMENT OF GRASS MAY BE NECESSARY IF COVER IS NOT FULLY ESTABLISHED.
11. INLETS: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT AND MIGHT INCLUDE REMOVAL OF ACCUMULATED SEDIMENT.
12. OUTFALL STRUCTURES: ROUTINE MAINTENANCE SHALL INCLUDE INSPECTION AFTER EVERY STORM EVENT TO ASSURE NO EROSION OR SCOUR HAS OCCURRED.
13. DRY RETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.
14. WET DETENTION BASINS: ROUTINE MAINTENANCE SHALL INCLUDE MONITORING FOR SEDIMENT ACCUMULATION, CLEAN AND REMOVE DEBRIS FROM INLETS AND OUTLETS, MOW SIDE SLOPES AND INSPECT FOR DAMAGE OF BERMS AND REPAIR UNDERCUT OR ERODED AREAS AS NECESSARY.

IX. INSPECTIONS:

1. THE OWNER AND /OR CONTRACTOR SHALL PROVIDE QUALIFIED PERSONNEL TO INSPECT ALL POINTS OF POTENTIAL DISCHARGE FROM THE PROJECT SITE FOR DISTURBED AREAS, THE EROSION AND SEDIMENTATION CONTROLS AND BMP'S AS LISTED IN THIS PLAN. THE INSPECTION SHALL BE PERFORMED DURING CONSTRUCTION AND BEFORE FINAL STABILIZATION, ONCE EVERY SEVEN-CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS GREATER THAN 0.50 INCHES. AFTER FINAL STABILIZATION AND BEFORE FINISH OF CONSTRUCTION THE INSPECTION SHALL BE CONDUCTED ONCE EVERY MONTH.
2. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE AT THE SITE TO MONITOR AND DOCUMENT RAINFALL EVENTS IN EXCESS OF 0.50 INCHES.
3. ALL DISTURBED AREAS AND AREAS USED FOR MATERIALS STORAGE SHALL BE INSPECTED FOR POLLUTANTS ENTERING THE STORMWATER SYSTEM. THE STORMWATER MANAGEMENT SYSTEM AND EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO ENSURE THEY ARE OPERATING CORRECTLY. LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
4. REPAIR OR MAINTENANCE NEEDED TO ASSURE PROPER OPERATION OF THE STORMWATER POLLUTION PREVENTION PLAN SHALL BE DONE IN A TIMELY MANNER BUT NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
5. A REPORT SHALL BE KEPT OF EACH INSPECTION FOR THREE YEARS AFTER FINAL STABILIZATION AND SHALL INCLUDE THE DATES OF EACH INSPECTION, THE SCOPE OF THE INSPECTION, MAJOR OBSERVATIONS, ANY REPAIR AND/OR MAINTENANCE REQUIRED AND ANY INCIDENT OF NON-COMPLIANCE. IF THE REPORT DOES NOT CONTAIN ANY INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY HAS BEEN IN COMPLIANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN AND THE NPDES PERMIT. THE REPORT SHALL INCLUDE THE NAME AND QUALIFICATIONS OF THE INSPECTOR AND SHALL BE SIGNED IN ACCORDANCE TO FDEP RULE 62-621.300, PART VII.C. A COPY OF THE CONSTRUCTION INSPECTION FORM IS INCLUDED ON THIS STORMWATER POLLUTION PREVENTION PLAN SHEET. A COPY SHALL BE RETAINED AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION.

X. NON-STORMWATER DISCHARGES:

1. THE FOLLOWING NON-STORMWATER DISCHARGES MIGHT BE COMBINED WITH STORMWATER AND WOULD BE AUTHORIZED AS PART OF THIS PERMIT: FIRE HYDRANT FLOUSHING, CONTROL OF DUST, POTABLE WATER FLUSHING AND IRRIGATION DRAINAGE. BECAUSE OF THE NATURE OF THESE DISCHARGES, THE EROSION, STABILIZATION AND TREATMENT SYSTEMS TO BE IMPLEMENTED, AS PART OF THIS PLAN WOULD BE APPROPRIATE TO PREVENT AND TREAT ANY POLLUTION RELATED TO THESE NON-STORMWATER DISCHARGES.
2. DISCHARGES FROM DEWATERING ACTIVITIES ASSOCIATED WITH SITE CONSTRUCTION ARE NOT AUTHORIZED AND REQUIRED CONSTRUCTION OF TEMPORARY SEDIMENTATION BASINS AND USE OF APPROPRIATE FLOCCULATING AGENTS TO ENHANCE PARTICLE SEGREGATION AND SPEED UP SETTLING OF PARTICLES.

XI. CONTRACTORS:

1. ALL CONTRACTORS AND/OR SUBCONTRACTORS RESPONSIBLE FOR IMPLEMENTING THE PLAN SHALL SIGN THE CERTIFICATION STATEMENT BEFORE STARTING CONSTRUCTION ACTIVITIES OF THE PROJECT. THE CERTIFICATION MUST INCLUDE THE NAME AND TITLE OF THE PERSON PROVIDING THE SIGNATURE, THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE CONTRACTING FIRM, THE ADDRESS OF THE SITE AND THE DATE THE CERTIFICATION IS MADE. THE OWNER SHALL KEEP THESE CERTIFICATIONS AS PART OF THIS POLLUTION PLAN. MULTIPLE COPIES OF THE CERTIFICATION STATEMENT MAY BE NECESSARY DEPENDING UPON THE NUMBER OF SUBCONTRACTORS ASSOCIATED WITH THE PROJECT.

STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORT FORM

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

PROJECT NAME: **SAN FELASCO TECH CITY PHASE 4** FDEP NPDES STORMWATER IDENTIFICATION NO.: FLR10
SITE PLAN

OWNER: _____ CONTRACTOR: _____

CONSTRUCTION MANAGER: _____

Date of Inspection	Location	Rain data	Type of control (see below)	Date installed / modified	Current Condition (see below)	Observations or Corrective Action / Other Remarks	Inspected By

CONDITION CODE: G = Good M = Marginal, needs maintenance or replacement soon O = Other
C = Needs to be cleaned P = Poor, needs immediate maintenance or replacement

CONTROL TYPE CODES

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth dikes	11. Vegetative buffer strip	20. Gabion	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housekeeping
5. Sediment Trap	14. Construction entrance stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Perimeter ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Curb and gutter	25. Hay Bales	34. Other
8. Pipe slope drain	17. Paved road surface	26. Geotextile	
9. Level spreaders	18. Rock outlet protection	27. Rip-rap	

INSPECTOR INFORMATION:

Name _____ Qualification _____ Date _____

The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non compliance identified above.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

CERTIFICATION STATEMENT

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

CONTRACTING FIRM: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE: _____

FAX: _____

PROJECT NAME: SAN FELASCO TECH CITY PHASE 4 SITE PLAN

PROJECT ADDRESS: _____

PROJECT ADDRESS: _____

CITY, STATE, ZIP CODE: _____, FLORIDA

NAME: _____ SIGNATURE: _____

DATE: _____



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Professional Engineer of Record:

Claudia S. Vega, P.E. 51532
Engineer Certificate No.

Project No: 21-087

Project phase:

CONSTRUCTION PLANS

Project title:

SAN FELASCO TECH CITY
PHASE 4 SITE PLAN
CITY OF ALACHUA,
FLORIDA

Sheet title:

STORMWATER POLLUTION
PREVENTION PLAN

Designed: CSV Sheet No.:

Drawn: MAB

Checked: DJM

Date: 06/23/22

C380