

SIDEWALKS #1 - CENTRAL TO RICHARDSON

SUMMERVILLE, SC

GENERAL NOTES:

- ALL CONTRACTORS/SUBCONTRACTORS/PERSONS THAT WILL BE ENGAGED IS LAND DISTURBING ACTIVITIES SHALL COMPLY WITH ALL EROSION CONTROL AND STORMWATER POLLUTION PREVENTION REQUIREMENTS CONTAINED THROUGHOUT THE DRAWINGS, SPECIFICATIONS AND PERMITS. ALL SUCH PERSONS SHALL REFER TO THE ON-SITE SWPPP FOR THE MOST CURRENT INFORMATION.
- CONTRACTOR IS RESPONSIBLE FOR ALL WORK SHOWN, UNLESS SPECIFICALLY INDICATED OTHERWISE.
- CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF THE PROJECT.
- TOPOGRAPHIC, UTILITY, AND BOUNDARY INFORMATION BY D. SCOTT WILSON LAND SURVEYING, INC. THE SURVEY HAS NOT BEEN VERIFIED BY CYPRESS ENGINEERING.
- ALL ELEVATIONS REFER TO FEET ABOVE SEA LEVEL, NAVD 88. HORIZONTAL DATUM REFERENCES SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM, INTERNATIONAL FEET, NAD 83.
- ALL PROJECT STAKEOUT AND ANY REQUIRED AS-BUILT DRAWINGS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR TO BE PAID FOR BY THE CONTRACTOR. FOR STAKEOUT, DO NOT RELY SOLELY ON THE PHYSICAL SCALE AS SHOWN IN DRAWINGS. REFER TO THE GIVEN DIMENSIONS, SYMBOL LEGEND, KEYNOTES, AND REFERENCED DETAILS FOR CORRECT STAKEOUT.
- THE EXISTING UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK. IF UTILITIES OTHER THAN THOSE SHOWN HEREON ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND TAKE APPROPRIATE MEASURES TO PROTECT THE LINE(S) AND ENSURE CONTINUED SERVICE. DAMAGE CAUSED TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL TREE PROTECTION BARRICADES AND REQUIRED EROSION CONTROL BMP'S PRIOR TO BEGINNING EARTHWORK OPERATIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF UNSUITABLE MATERIAL IS DISCOVERED PRIOR TO BEGINNING ANY REMOVAL OPERATION.
- CONTRACTOR SHALL GRADE ALL AREAS TO DRAIN FOR POSITIVE FLOW PRIOR TO FINAL APPROVAL.
- THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP APPROVED ANY AND ALL SHOP DRAWINGS AND SUBMITTALS PRIOR TO SUBMITTING TO THE ENGINEER FOR REVIEW.
- IN PERFORMING CONSTRUCTION OBSERVATION VISITS TO THE JOB SITE, THE ENGINEER SHALL HAVE NO CONTROL OVER NOR RESPONSIBILITY FOR THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK.
- THE CONTRACTOR'S MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES IN PERFORMING THE WORK IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR, WHO IS ALSO RESPONSIBLE FOR COMPLYING WITH ALL HEALTH AND SAFETY PRECAUTIONS AS REQUIRED BY ANY REGULATORY AGENCY.
- SWALES, PIPES, INLETS AND OTHER STORMWATER MANAGEMENT FACILITIES SHALL BE MAINTAINED IN DESIGN CONDITION AND KEPT FREE OF FILL AND OBSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS FROM THE TOWN RELATIVE TO THE CONSTRUCTION PROPOSED ON THIS PLAN.
- CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, PROPERTY CORNERS, AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL, AND OSHA REGULATIONS WHEN OPERATING EQUIPMENT AROUND UTILITIES AND ESPECIALLY EXISTING OVERHEAD POWER LINES.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURE IN ACCORDANCE WITH THE MUTCD, "WORK ZONE SAFETY GUIDELINES FOR THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION, MUNICIPALITIES, COUNTIES, UTILITIES, AND CONTRACTORS", SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND APPLICABLE SCDOT TRAFFIC ENGINEERING STANDARD DRAWINGS AS REQUIRED BY LOCAL AGENCIES WHEN WORKING IN AND/OR ALONG STREETS, ROADS, HIGHWAYS, ETC. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH LOCAL AND/OR STATE AGENCIES REGARDING THE NEED, EXTENT, AND LIMITATIONS ASSOCIATED WITH INSTALLING AND MAINTAINING TRAFFIC CONTROL MEASURES. SEE TRAFFIC CONTROL NOTES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, TRENCH BARRICADING AND COVERING, SHEETING AND SHORING AS NECESSARY.

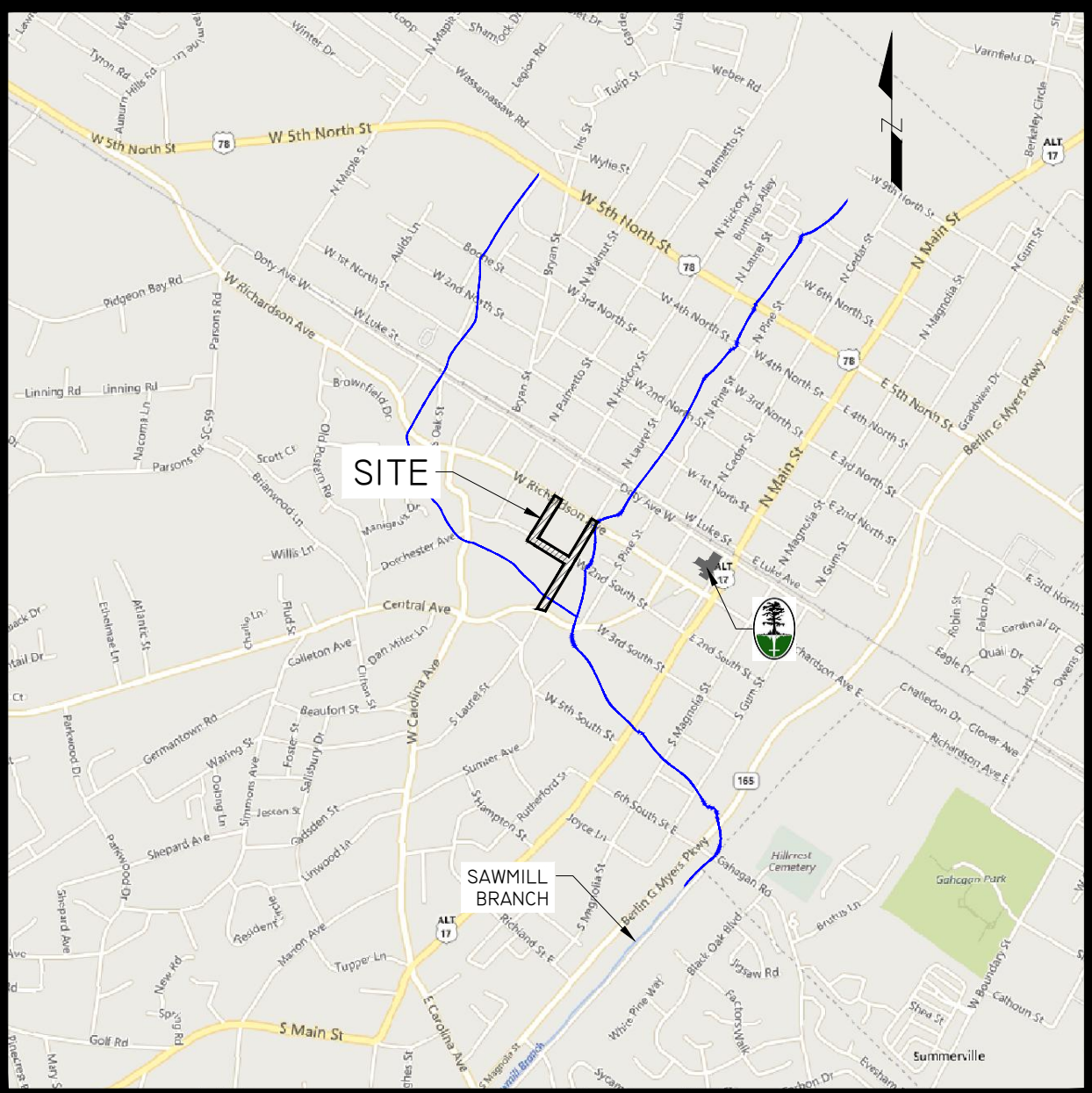
CIVIL ABBREVIATIONS:

B BOTTOM
BFP BACKFLOW PREVENTER
BM BENCHMARK
BMP EROSION CONTROL BEST MANAGEMENT PRACTICE
CB CATCH BASIN
CI CURB INLET
CIP CAST IRON PIPE
CGP NPDES CONSTRUCTION GENERAL PERMIT SCR 100000
CL CENTERLINE
CY CUBIC YARDS
CMP CORRUGATED METAL PIPE
CO CLEANOUT
DIA DIAMETER
DIP DUCTILE IRON PIPE
DS DOWNSPOUT
EXST EXISTING
FDC FIRE DEPARTMENT CONNECTION
FES FLARED END SECTION
FFE FINISHED FLOOR ELEVATION
FG FINISHED GRADE
FH FIRE HYDRANT
FM FORCE MAIN
FW FIRE WATER SERVICE
GABC GRADED AGGREGATE BASE COURSE
HCI HOODED CURB INLET
HDPE HIGH DENSITY POLYETHYLENE
IAW IN ACCORDANCE WITH
INV / IE INVERT ELEVATION
JB JUNCTION BOX
LF LINEAR FEET
LI LAWN INLET
LP LIGHT POLE
MAX MAXIMUM
MH MANHOLE
MIN MINIMUM

CIVIL ABBREVIATIONS (CONT.):

NOI NOTICE OF INTENT
NOT NOTICE OF TERMINATION
NTS NOT TO SCALE
OC ON CENTER
PC POINT OF CURVATURE
PIV POST INDICATOR VALVE
PP POWER POLE
PT POINT OF TANGENT
PVC POLYVINYL CHLORIDE
R RADIUS
RCO ROOF DRAINAGE CLEANOUT
RCP REINFORCED CONCRETE PIPE
RD ROOF DRAIN
S SEWER
SCDHEC SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
SF SQUARE FEET
SDMH STORM DRAINAGE MANHOLE
SS SANITARY SEWER SERVICE
SSMH SANITARY SEWER MANHOLE
STA STATION
TBM TEMPORARY BENCHMARK
T TOP
TYP TYPICAL
VCP VITRIFIED CLAY PIPE
W WATER
W/ WITH
WS WATER SERVICE
WV WATER VALVE
YI YARD INLET

PROJECT INFORMATION	
PROJECT NAME	Sidewalks #1 - Central to Richardson
PROPERTY ADDRESS	S. Hickory St., S. Laurel St., & W. 2nd South St.
PARCEL AREA	0.8 ac
DISTURBED AREA	0.8 ac
MUNICIPALITY	Town of Summerville
STREETS	
South Hickory Street	SCDOT
South Laurel Street	SCDOT
West 2nd South Street	SCDOT
FEMA FLOOD ZONE	Flood Zone X & AE (EL. 53), Panel # 45035C 0343E, Dated 7/18/2017
WETLANDS ON-SITE	No
WETLANDS IMPACTS	No
PROJECT TEAM	
Owner	Town of Summerville - (Russ Cornette - 843-851-4226)
Civil Engineering	Cypress Engineering - (Will Rogan, PE - 843-225-5151 ext. 100)



VICINITY MAP
SCALE: 1" = 2000'

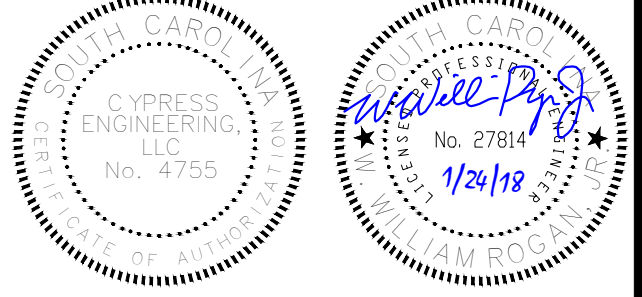


DATE:	1/24/2018	CYP PROJ #:	17032
DRAWN:	JCT	CLIENT:	TOWN OF SUMMERVILLE
DESIGNED:	JCT	CLIENT JOB #:	.
CHECKED:	WWR		

SIDEWALKS #1 - CENTRAL TO RICHARDSON

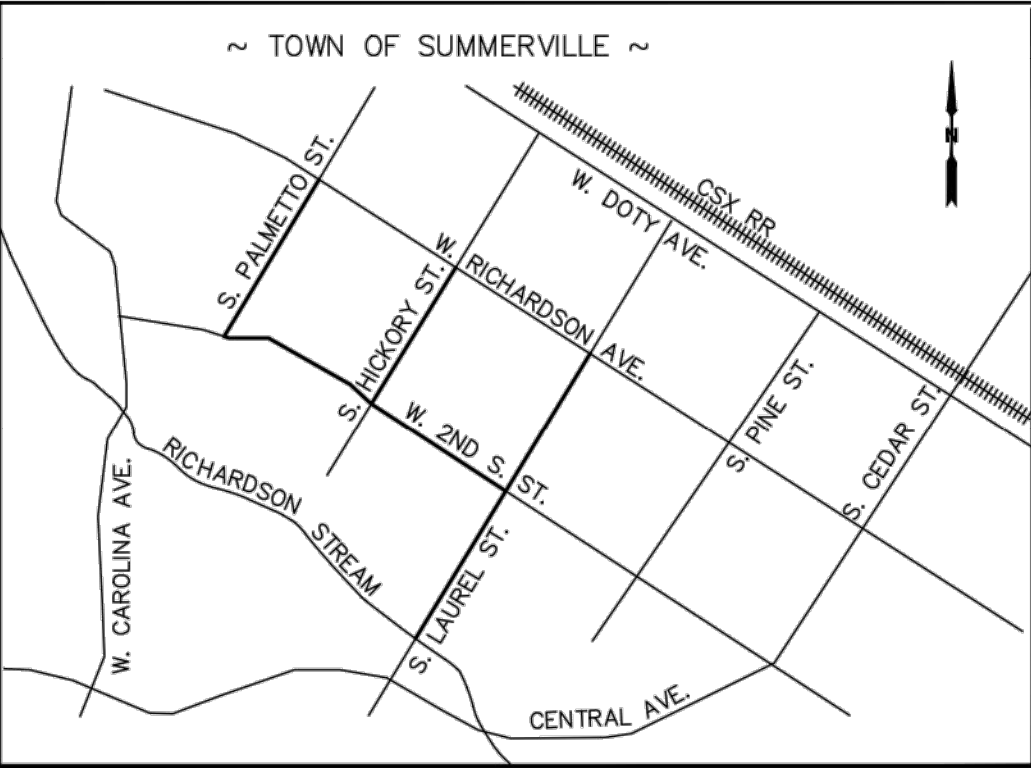
SUMMERVILLE, SC

REV #	DESCRIPTION	DATE
	CONST. DOCS ISSUE DATE	1/24/18



COVER SHEET

C0.01



LOCATION MAP

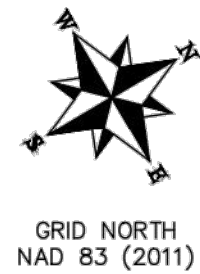
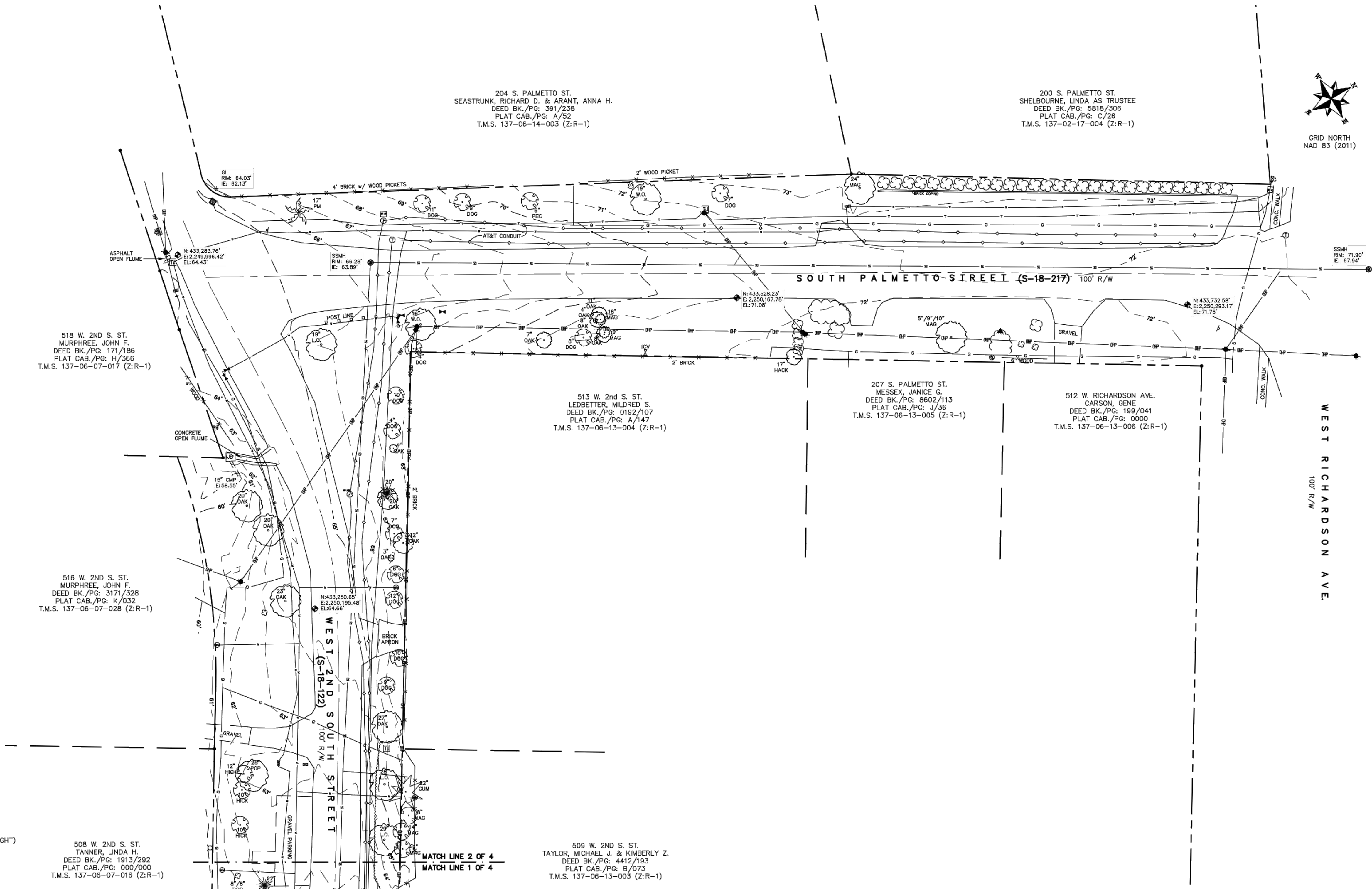
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- 6) HORIZONTAL DATUM: NAD83 (2011). VERTICAL DATUM: NAVD88 (GEOID 2012). CONTOUR INTERVAL IS ONE FOOT.

LEGEND

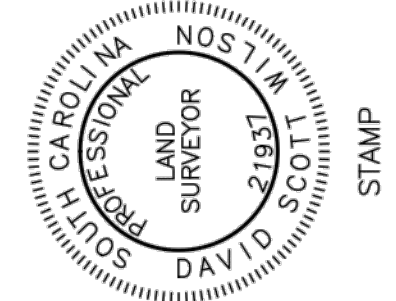
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	BOUNDARY
	RIGHT OF WAY
	CENTERLINE
	COMMS - CATV
	COMMS PHONE
	COMMS DUCT BANK / FO
	COMMS FIBER OPTIC
	GAS
	OVERHEAD CABLE
	WATER
	SANITARY SEWER
	TOP DITCH
	BUSH or TREE LINE
	FENCE LINE
	MONUMENT FOUND
	CONCRETE MONUMENT
	UTILITY POLE
	GUY ANCHOR
	LIGHT POLE
	GROUND LIGHT
	MAIL BOX
	SIGN
	SEWER MANHOLE
	SEWER CLEAN-OUT
	VALVE
	VALVE
	HYDRANT
	WATER METER
	IRRIGATION HEAD
	JUNCTION PEDESTAL
	TELEPHONE MANHOLE
	GRATE INLET
	TREE, PINE
	TREE, DBH (DIA. AT BREAST HEIGHT)
	BUSH
	TEMPORARY BENCHMARK (N&W)
Tree abbreviations:	
MAG	MAGNOLIA
HICK	HICKORY
DOG	DOGWOOD
W.O.	WATER OAK
L.O.	LIVE OAK
PM	PALMETTO
PEC	PECAN
POP	POPLAR
HACK	HACKBERRY



GRID NORTH
NAD 83 (2011)

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE STANDARDS AND PRACTICES SET FORTH IN THE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS AS SPECIFIED THEREIN.



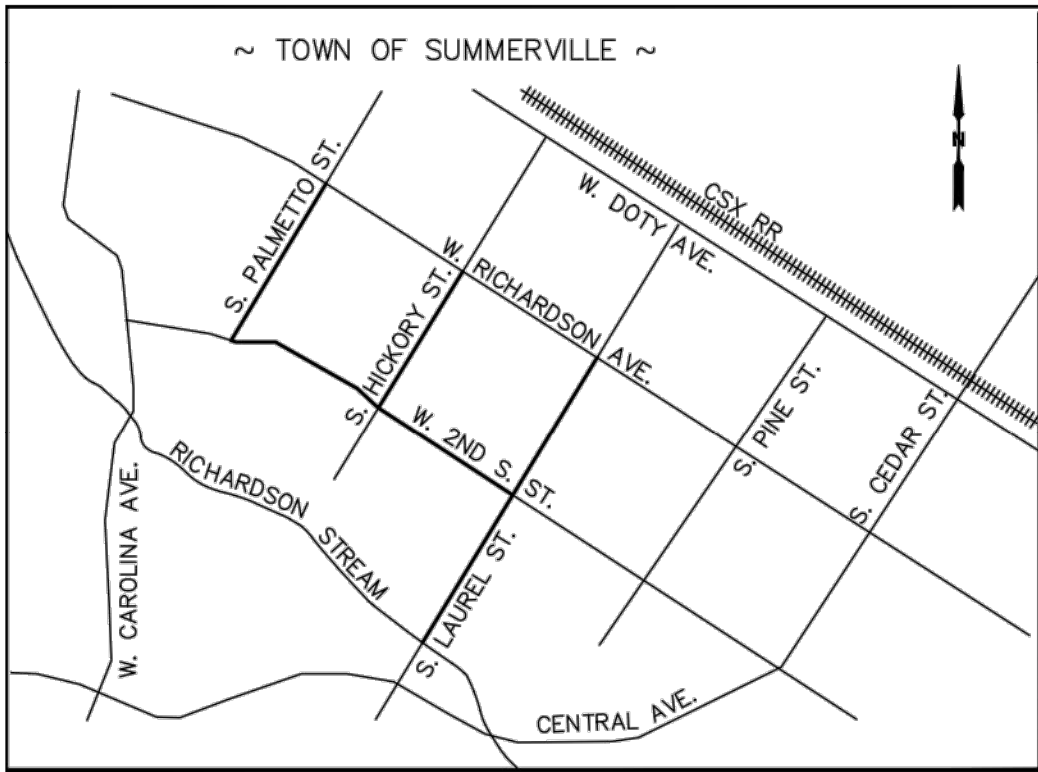
ROUTE SURVEY OF PORTIONS OF
S. PALMETTO ST., S. HICKORY ST., S. LAUREL ST.,
AND W. 2ND SOUTH ST.
for THE TOWN OF SUMMERVILLE
IN THE TOWN OF SUMMERVILLE
DORCHESTER COUNTY, SOUTH CAROLINA
MAY 26, 2017

D. Scott Wilson Land Surveying, LLC
310 South Main Street
Summerville, SC 29483
(843) 708-8065
dswscpls@aol.com

PROJECT: 17025	
F.B./PG. 07 / 24	
REVISION:	

SHEET 1 of 4

C0.02



LOCATION MAP

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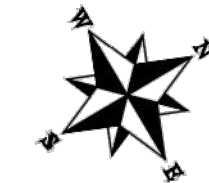
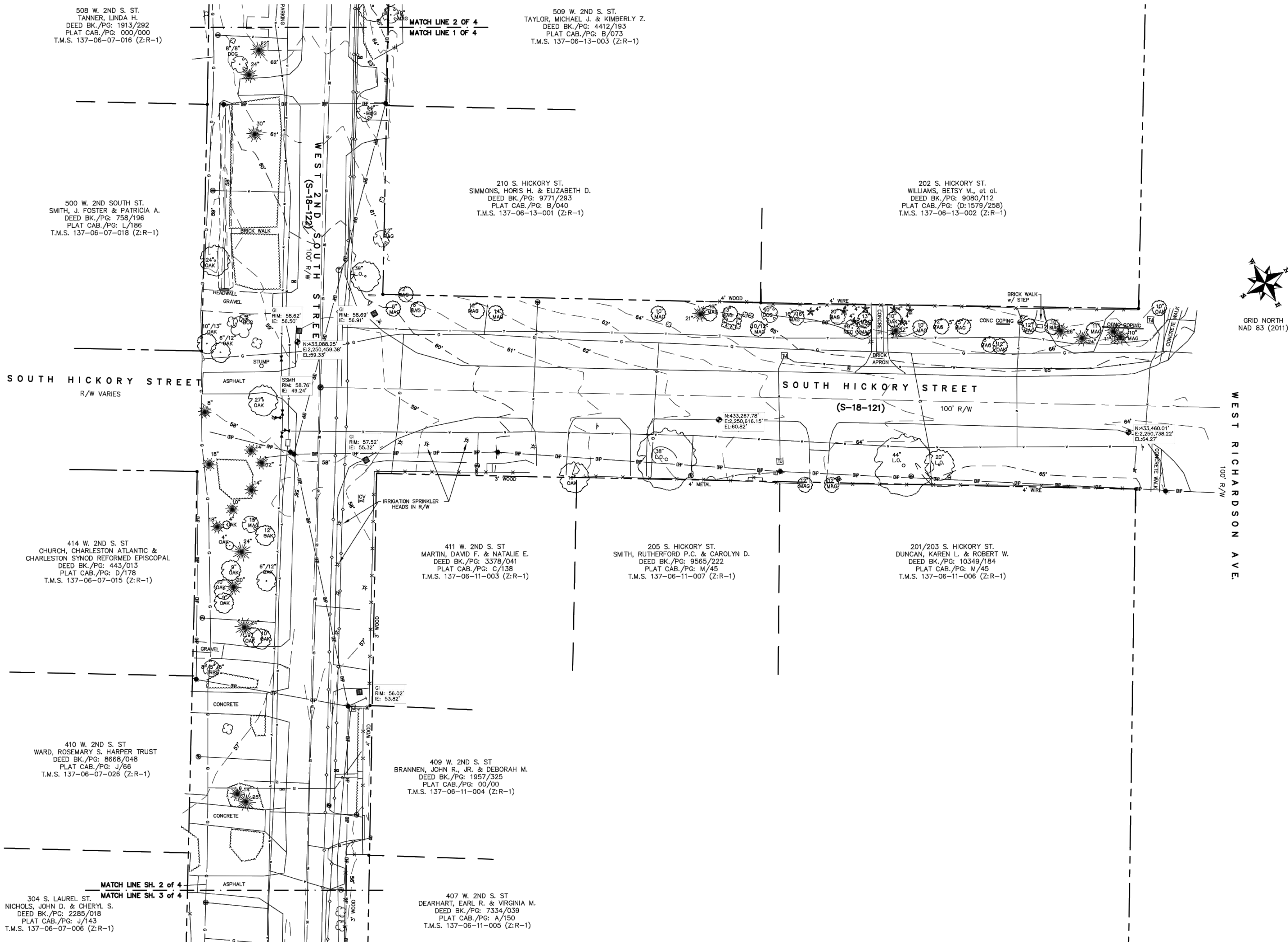
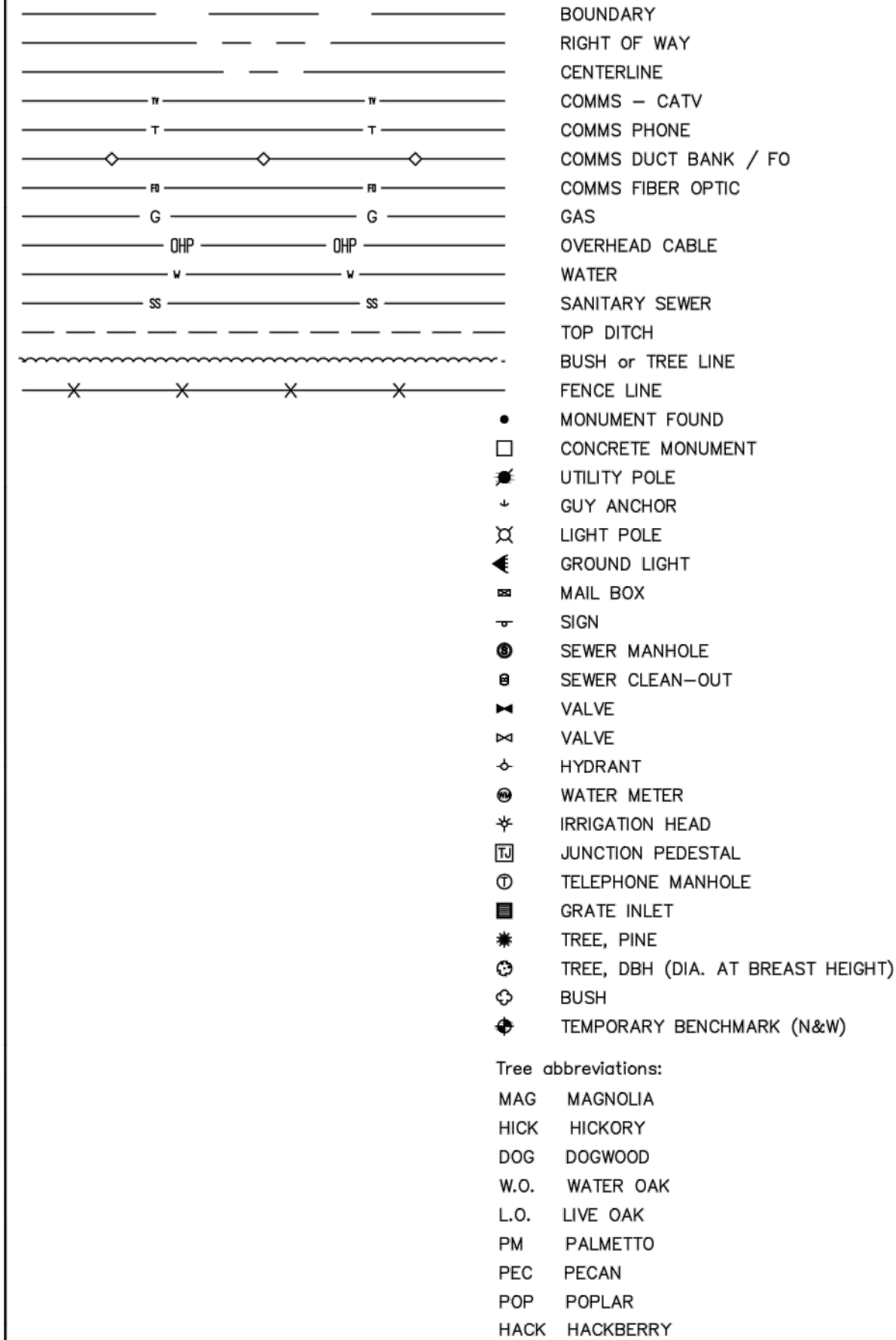
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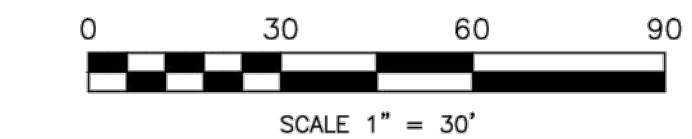
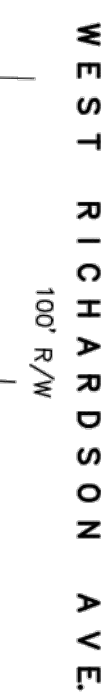
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LEGEND

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NAD 83 (2011)



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AND W. 2ND SOUTH ST.
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SHEET 2 of 4

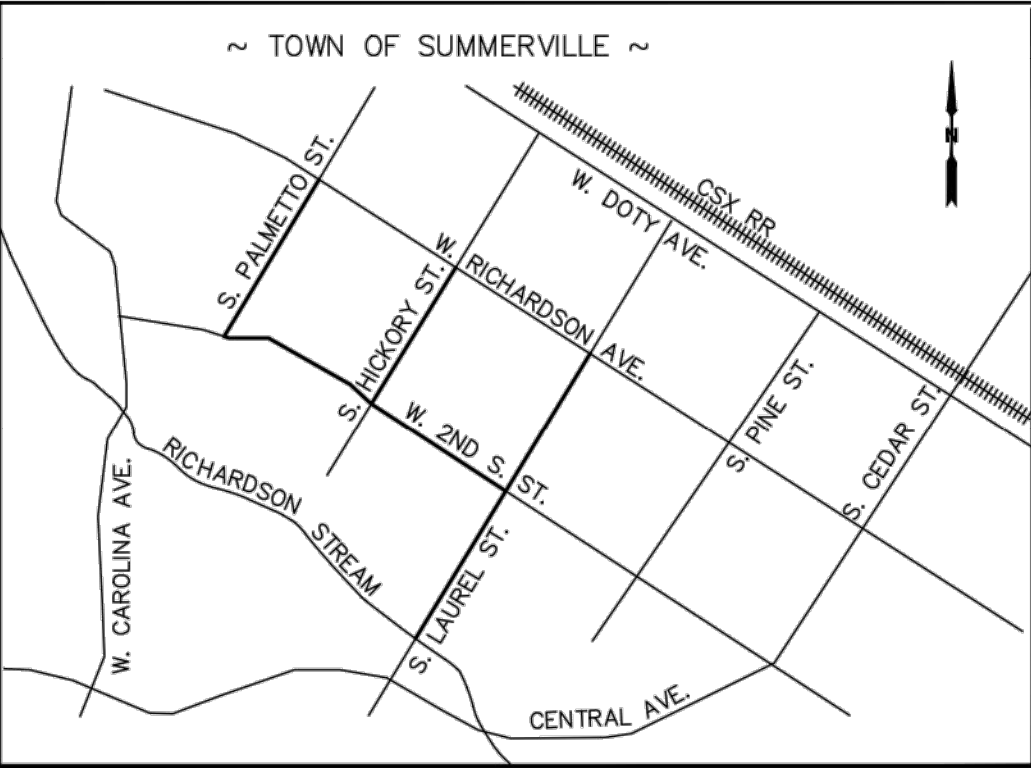
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NOT VALID UNLESS
SIGNED IN RED INK

Robert Weber
5-26-2017

SCPLS #21937
EMBOSSED SEAL



LOCATION MAP

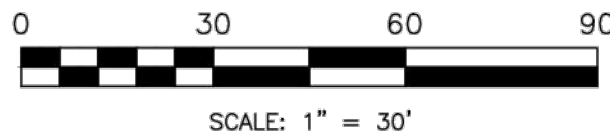
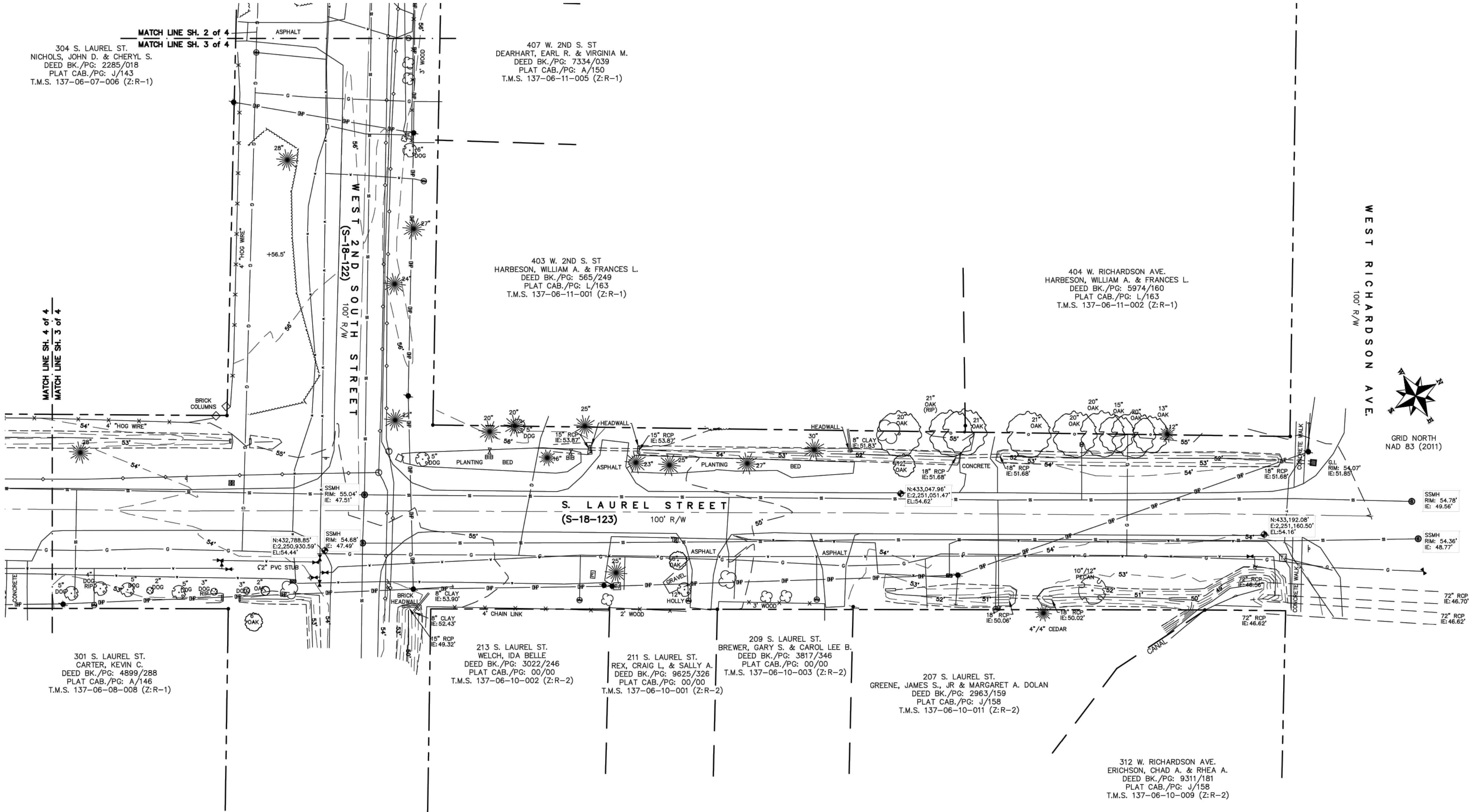
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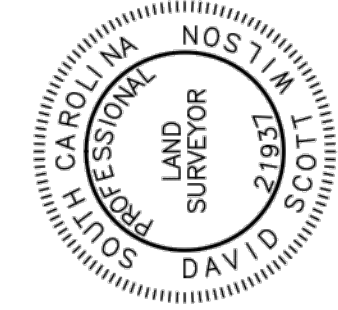
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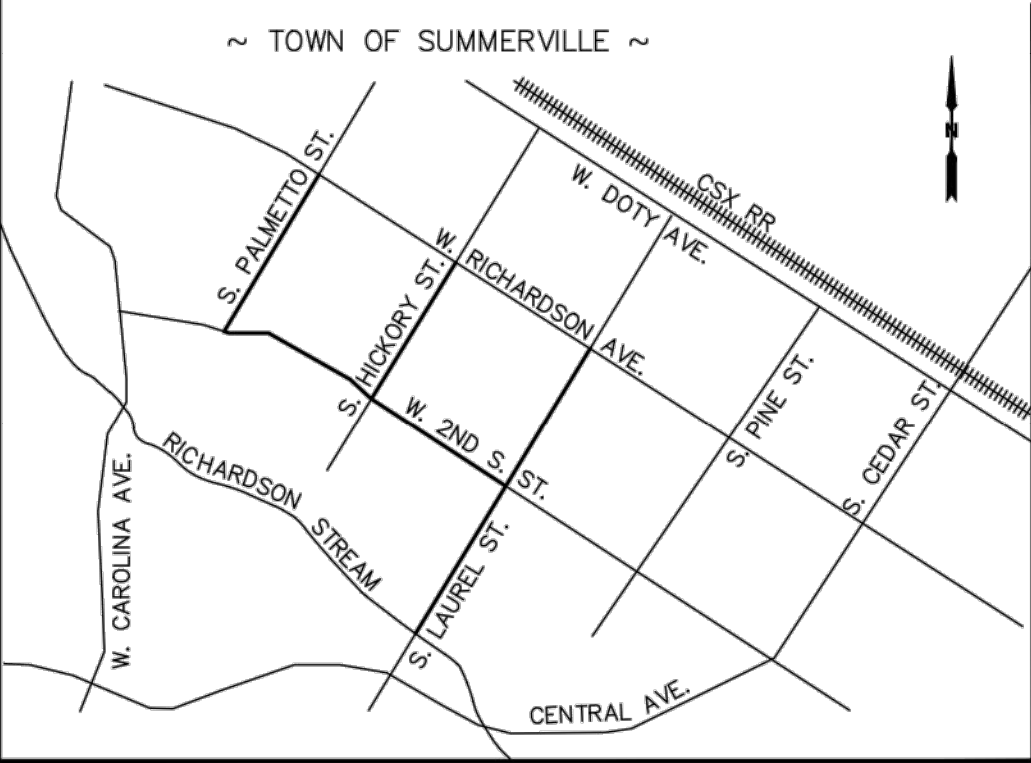
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SHEET 3 of 4

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EMBOSSSED SEAL



LOCATION MAP

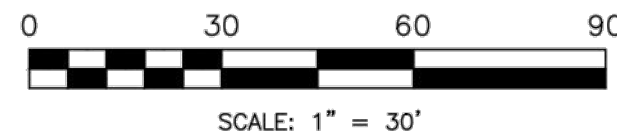
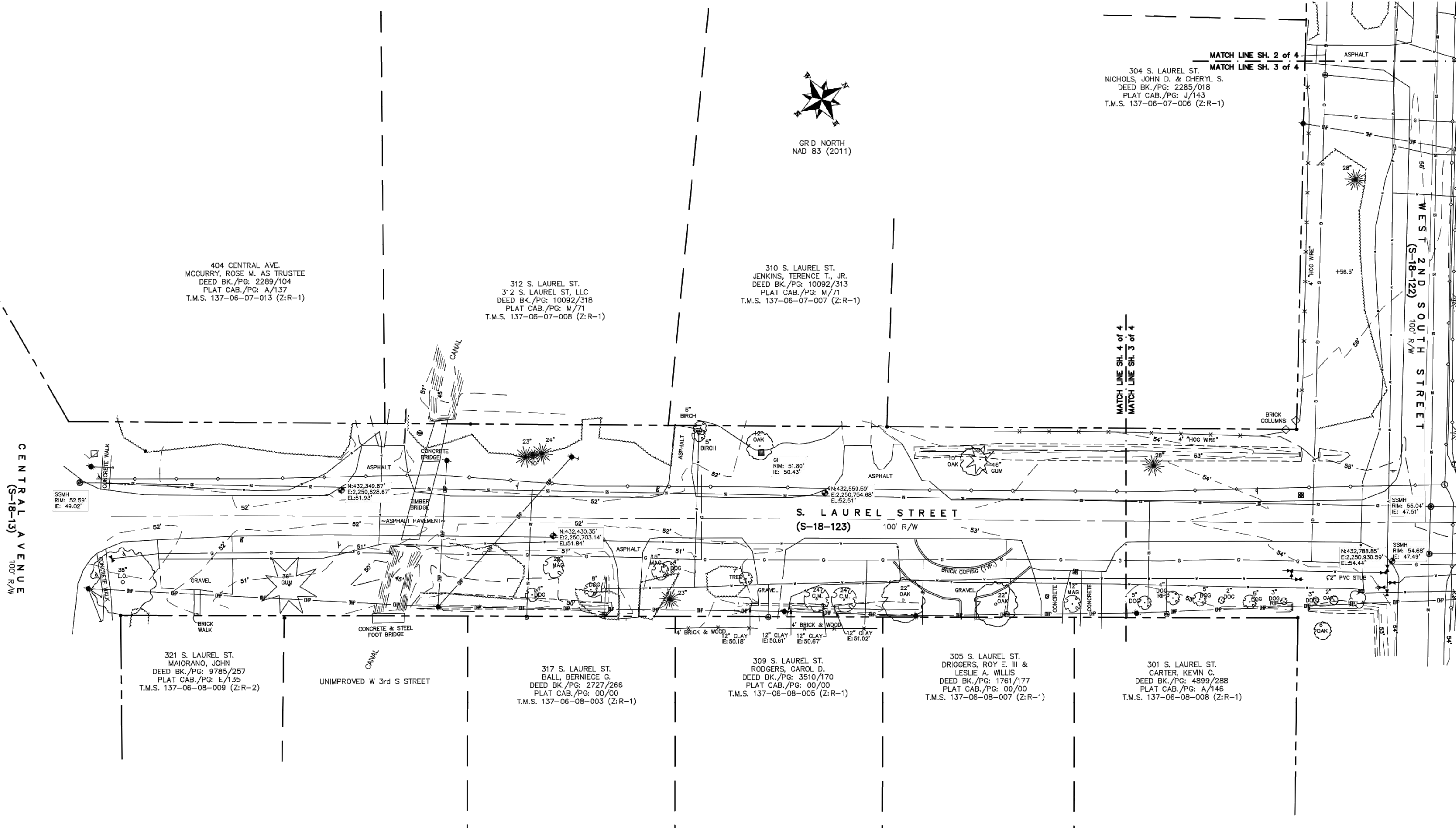
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LEGEND

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- | | |
|--|-----------------------------------|
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| | COMMS DUCT BANK / FO |
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| | GAS |
| | OVERHEAD CABLE |
| | WATER |
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| | FENCE LINE |
| | MONUMENT FOUND |
| | CONCRETE MONUMENT |
| | UTILITY POLE |
| | GUY ANCHOR |
| | LIGHT POLE |
| | GROUND LIGHT |
| | MAIL BOX |
| | SIGN |
| | SEWER MANHOLE |
| | SEWER CLEAN-OUT |
| | VALVE |
| | VALVE |
| | HYDRANT |
| | WATER METER |
| | IRRIGATION HEAD |
| | JUNCTION PEDESTAL |
| | TELEPHONE MANHOLE |
| | GRATE INLET |
| | TREE, PINE |
| | TREE, DBH (DIA. AT BREAST HEIGHT) |
| | BUSH |
| | TEMPORARY BENCHMARK (N&W) |
- Tree abbreviations:
- | | |
|------|-----------|
| MAG | MAGNOLIA |
| HICK | HICKORY |
| DOG | DOGWOOD |
| W.O. | WATER OAK |
| L.O. | LIVE OAK |
| PM | PALMETTO |
| PEC | PECAN |
| POP | POPLAR |
| HACK | HACKBERRY |



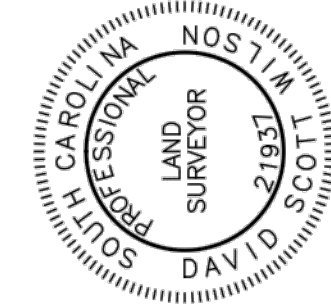
ROUTE SURVEY OF PORTIONS OF
S. PALMETTO ST., S. HICKORY ST., S. LAUREL ST.,
AND W. 2ND SOUTH ST.
for THE TOWN OF SUMMERVILLE
IN THE TOWN OF SUMMERVILLE
DORCHESTER COUNTY, SOUTH CAROLINA
MAY 26, 2017

D. Scott Wilson Land Surveying, LLC
310 South Main Street
Summerville, SC 29483
(843) 708-8065
dswscpls@aol.com

PROJECT: 17025
F.B./PG. 07 / 24
REVISION:

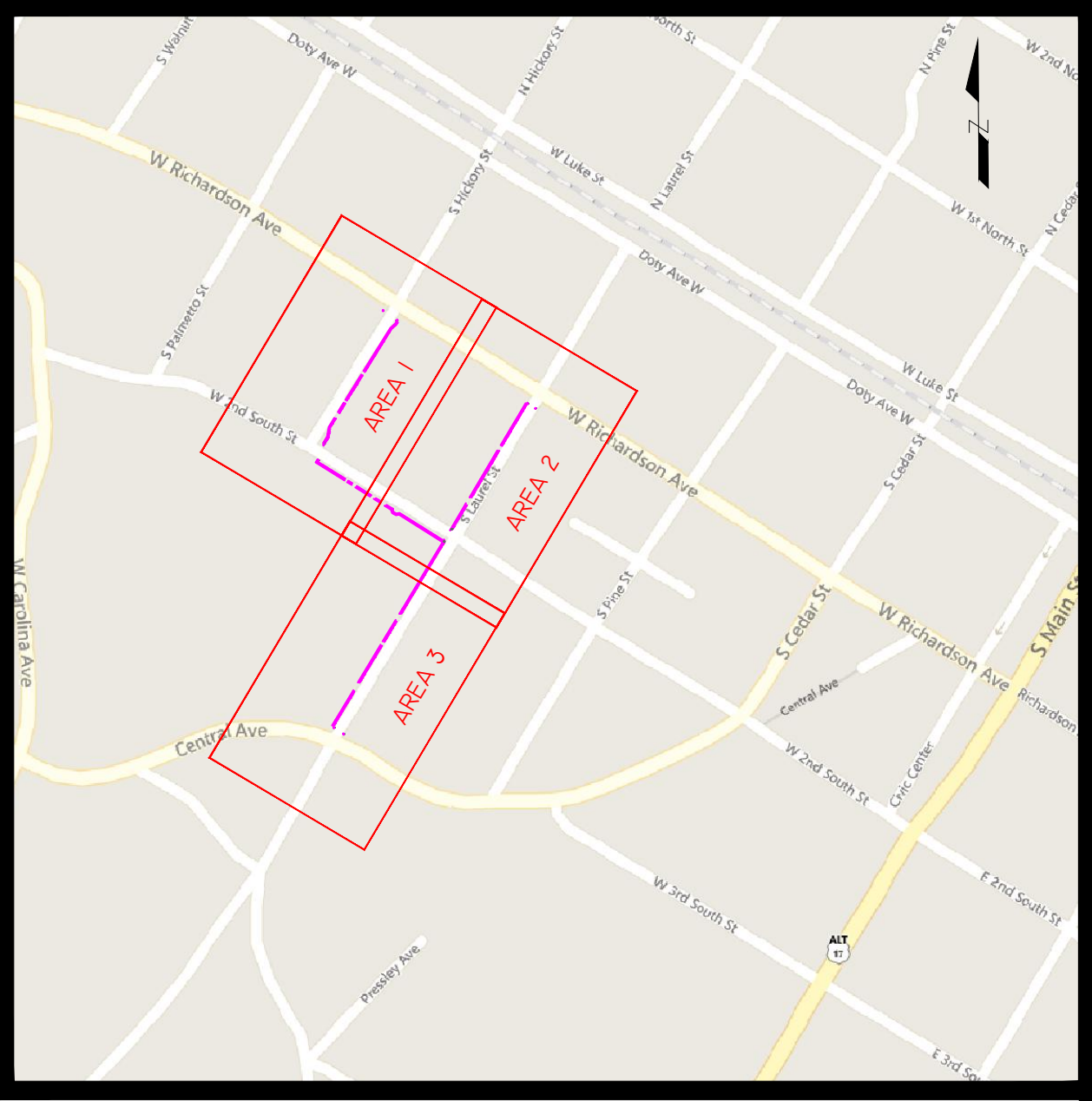
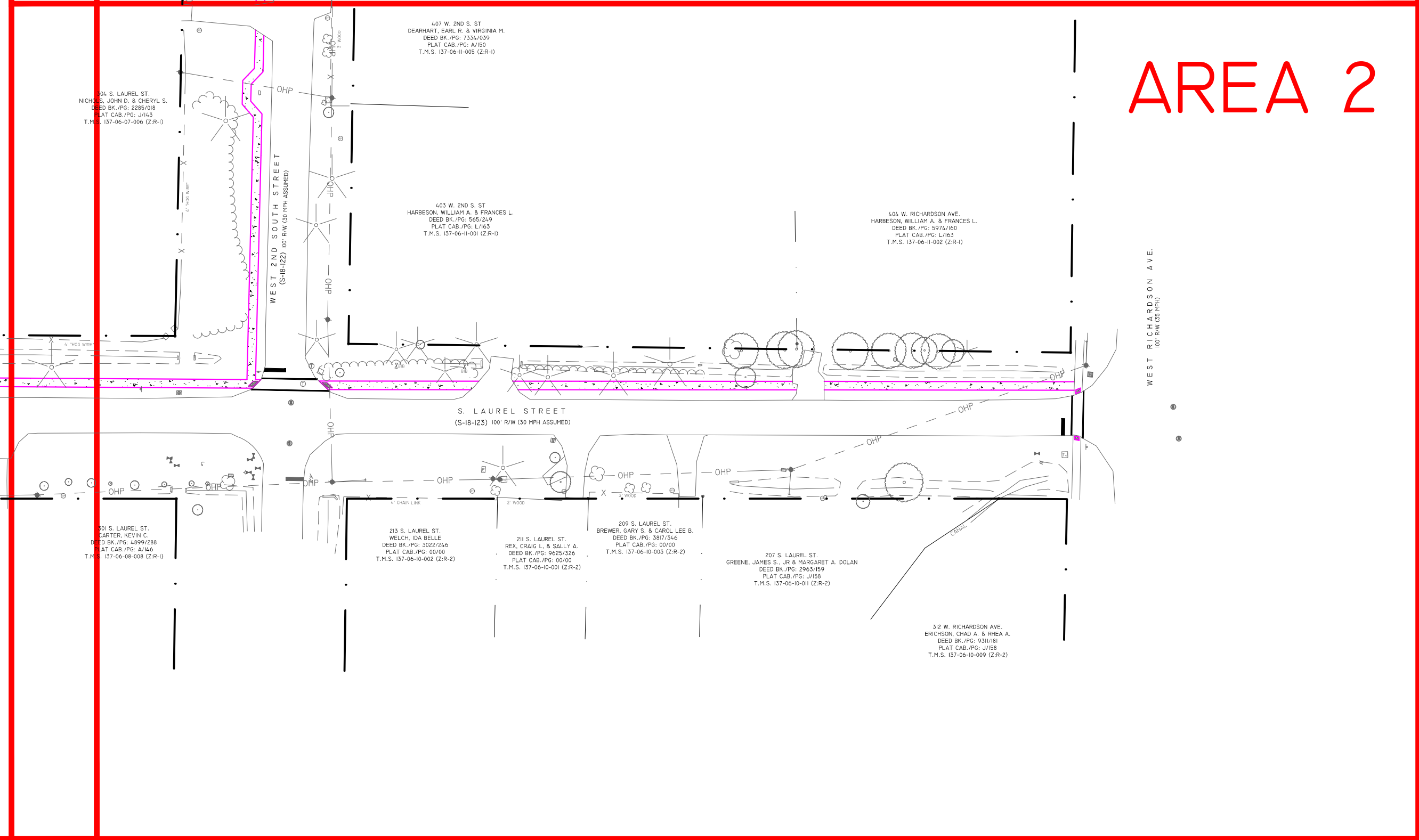
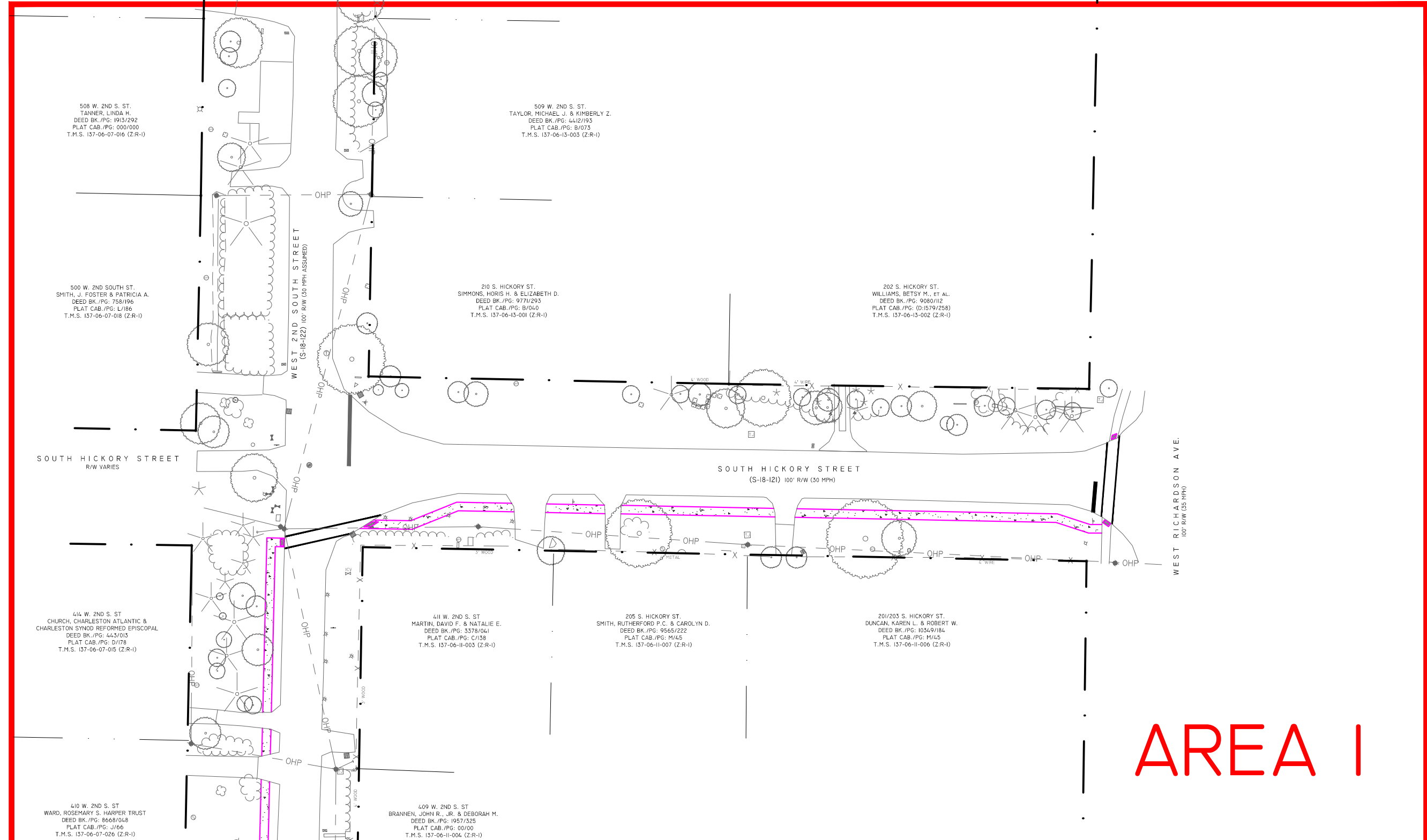
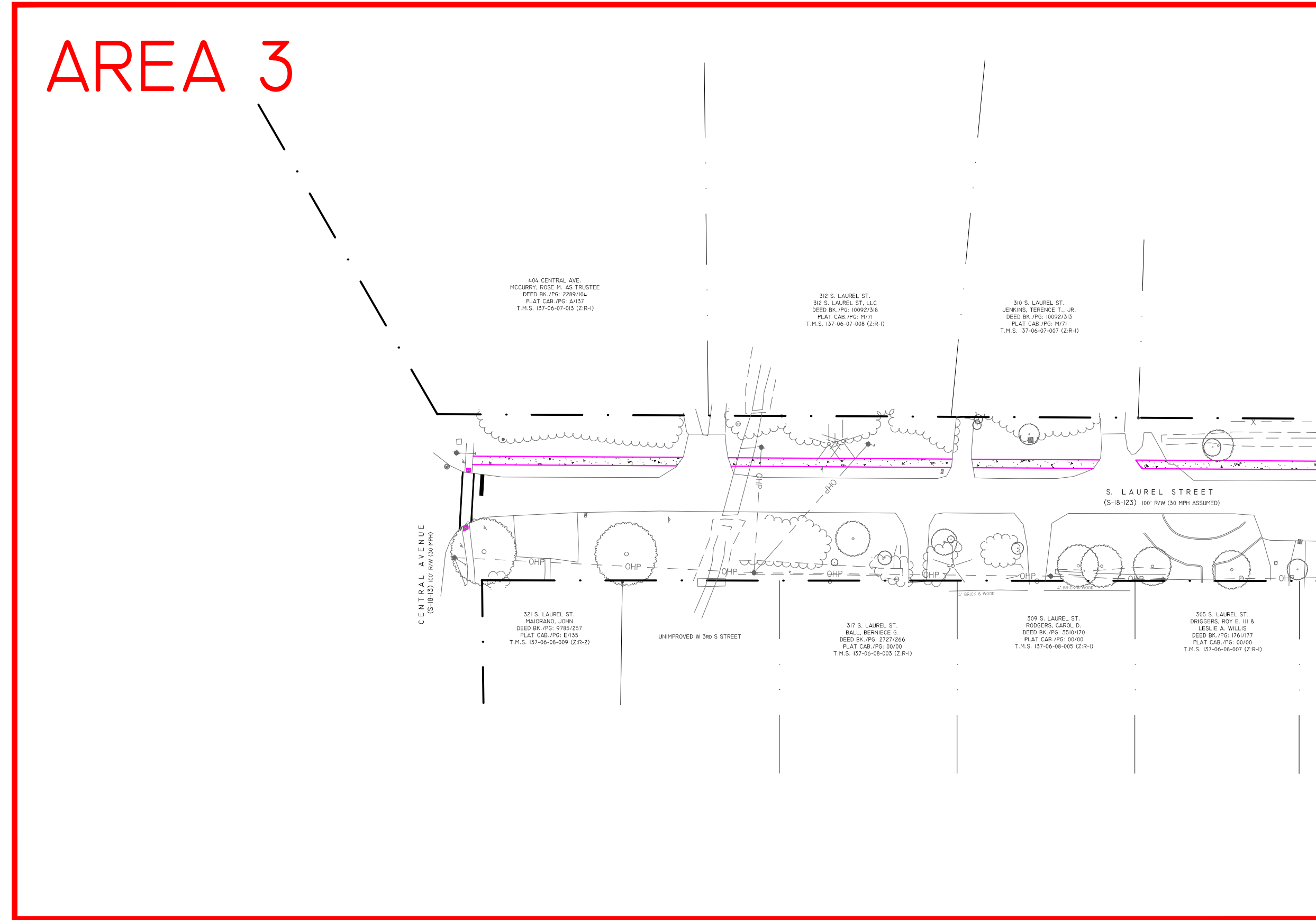
SHEET 4 of 4

I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREIN WAS MADE IN ACCORDANCE WITH THE STANDARDS AND PRACTICES SET FORTH IN THE MANUAL FOR SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS AS SPECIFIED THEREIN.



NOT VALID UNLESS
SIGNED IN RED INK
5-26-2017
SCPLS #21937
EMBOSSED SEAL

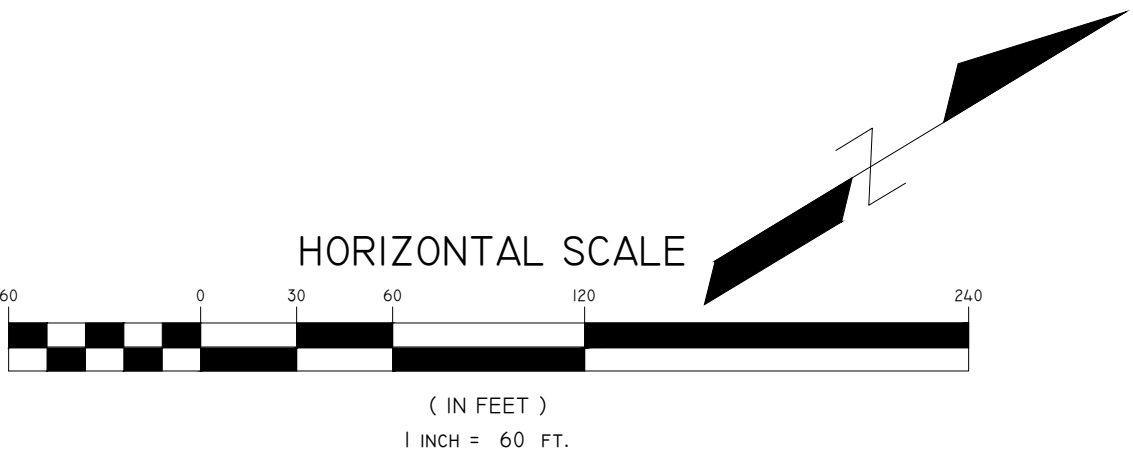
AREA 3



VICINITY MAP
SCALE: 1" = 500'

AREA 1

AREA 2



CYPRESS ENGINEERING
100 SOUTH MAIN STREET
SUITE L
SUMMERVILLE, SC 29483
PHONE: 843-225-5151
WWW.CYPRESSENG.COM

DATE:	1/24/2018	CYP PROJ #:	17032
DRAWN:	JCT	CLIENT:	TOWN OF SUMMERVILLE
DESIGNED:	JCT	CLIENT JOB #:	.
CHECKED:	WWR		

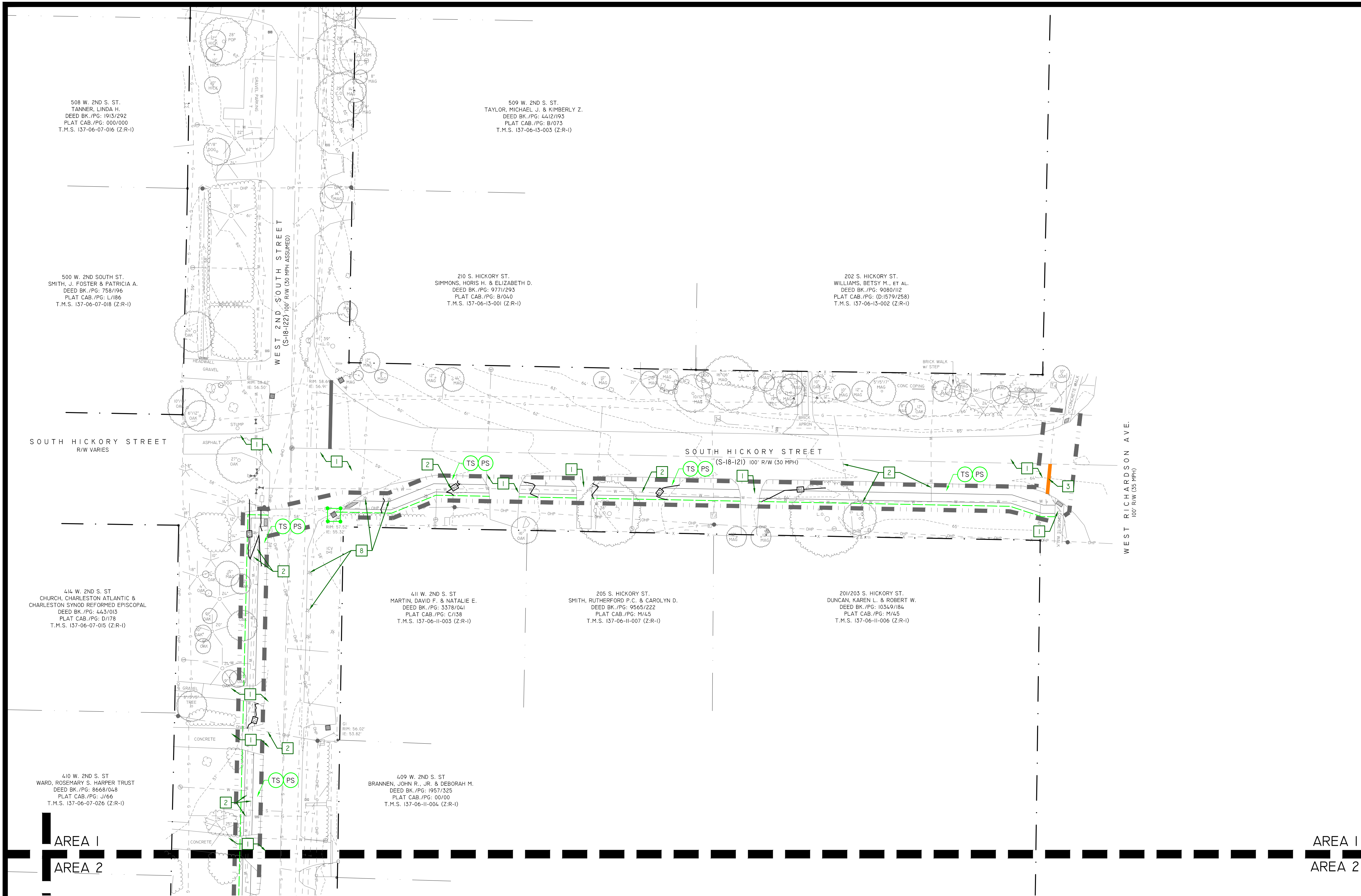
SIDEWALKS #1 -
CENTRAL TO RICHARDSON
SUMMERVILLE, SC

REV #	DESCRIPTION	DATE
1	CONST. DOCS ISSUE DATE	1/24/18

OVERALL SITE PLAN

C0.06

CONTRACTOR SHALL CALL 811 FOR LOCATION OF ALL EXISTING UTILITIES AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF UTILITIES CONFLICT WITH PROPOSED WORK.



GENERAL NOTES:

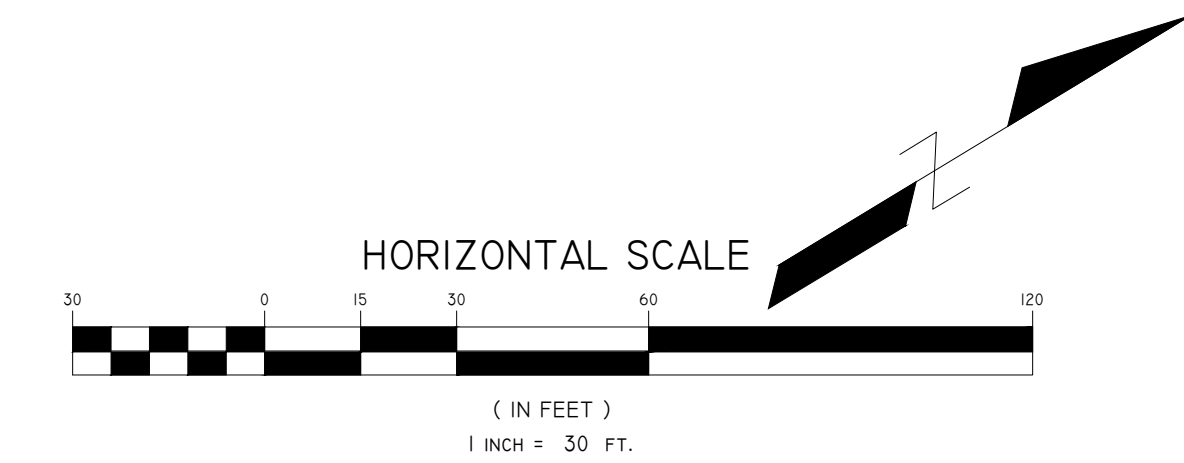
- SEE SHEET C0.01 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
- SEE SHEET C1.01 FOR EXISTING SITE LEGEND.

KEYNOTES:

- PROTECT EXISTING PAVEMENT TO REMAIN.
- PROTECT EXISTING UTILITIES TO REMAIN.
- REMOVE EXISTING STRIPING AND STRIPE IAW SITE PLAN.
- REMOVE EXISTING SIGN IN ITS ENTIRETY. REFER TO SITE PLAN FOR NEW SIGNAGE REQUIREMENTS.
- SELECTIVELY PRUNE EXISTING VEGETATION AS REQUIRED TO INSTALL SIDEWALK AS SHOWN IN ACCORDANCE WITH SCDOT'S REQUIREMENT TO HAVE 5' LANDSCAPED STRIP BETWEEN EDGE OF ROADWAY AND SIDEWALK. PROTECT EXISTING VEGETATION TO THE MAXIMUM EXTENT POSSIBLE. COORDINATE ALL PRUNING WITH TOWN OF SUMMERVILLE ENGINEERING DEPARTMENT (BONNIE MILEY - 843-851-4235).
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- PROTECT EXISTING IRRIGATION SPRINKLER HEADS. CONTRACTOR TO WORK CAREFULLY TO AVOID DAMAGE AND RELOCATE IF THERE IS A CONFLICT. CONTRACTOR IS RESPONSIBLE TO REPLACE IF BROKEN.

EROSION CONTROL LEGEND

- TS TEMPORARY SEEDING - INSTALL IAW DETAIL SHEET C1.20.
- PS PERMANENT SEEDING - INSTALL IAW DETAIL SHEET C1.20.
- SILT FENCE - INSTALL IAW DETAIL SHEET C1.20.
- SILTSACK INLET PROTECTION - INSTALL IAW DETAIL SHEET C1.20.



DATE:	1/24/2018	CYP PROJ #:	17032
DRAWN:	JCT	CLIENT:	TOWN OF SUMMERVILLE
DESIGNED:	JCT	CLIENT JOB #:	
CHECKED:	WWR		

SIDEWALKS #1 -
CENTRAL TO RICHARDSON
SUMMERVILLE, SC

REV #	DESCRIPTION	DATE
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DEMOLITION & EROSION
CONTROL PLAN - AREA I

C1.01

EXISTING SITE LEGEND	
--- P ---	PROPERTY LINE
--- R ---	RIGHT-OF-WAY LINE
--- A ---	ADJACENT PROPERTY LINE
--- E ---	EASEMENT
--- S ---	SETBACK
--- B ---	BUFFER
--- W ---	WETLAND
--- W ---	WATER LINE W/ VALVE
--- S ---	SANITARY SEWER PIPE
--- FM ---	FORCE MAIN
--- SS ---	SANITARY SEWER SERVICE
--- WS ---	WATER SERVICE
--- SD ---	STORM DRAIN
--- F ---	FENCE
--- OHP ---	POWER LINE (OVERHEAD)
--- P ---	POWER LINE (UNDERGROUND)
--- T ---	TELE LINE (UNDERGROUND)
--- G ---	GAS LINE
--- E ---	EXISTING TREE
--- PP ---	POWER POLE
--- SSMH ---	SANITARY MANHOLE
--- CO ---	SEWER CLEANOUT
--- CB ---	CATCH BASIN
--- FH ---	FIRE HYDRANT
--- E ---	ELECTRICAL BOX
--- 24 ---	CONTOUR
--- X ---	TREE TO BE DEMOLISHED
--- I ---	ITEMS TO BE DEMOLISHED
--- L ---	LIMITS OF CONSTRUCTION

SWPPP PREPARER CERTIFICATION STATEMENT

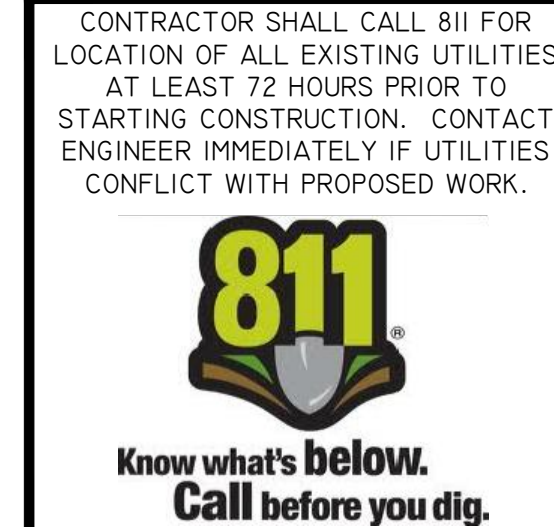
"I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14, OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCRI00000."

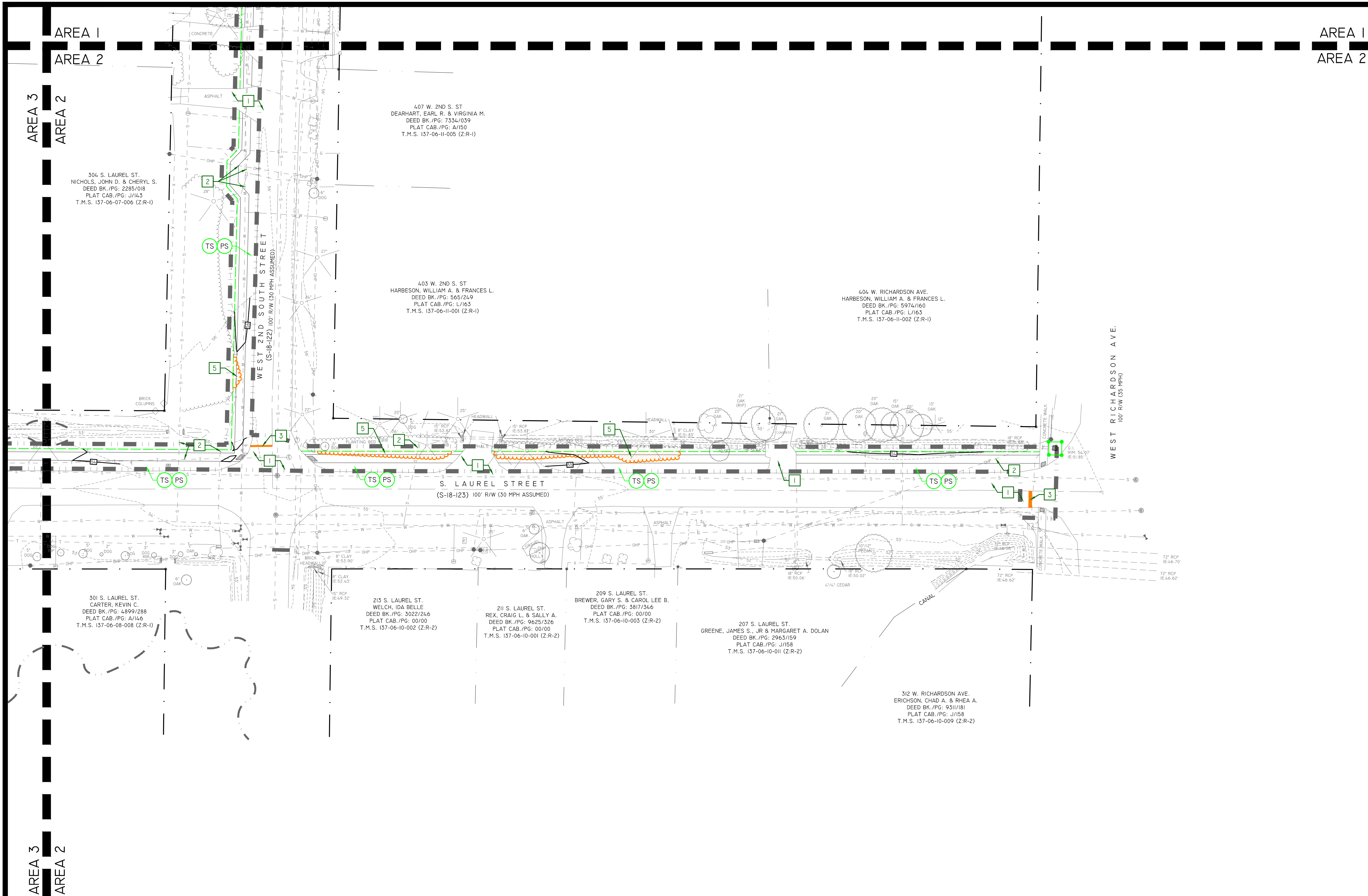
W. WILLIAM ROGAN, JR, PE
SC PE #27814

SWPPP PREPARER NAME

SIGNATURE, DATE & SEAL

- SWPPP SEQUENCE OF CONSTRUCTION NOTES:
- PRIOR TO ANY LAND DISTURBANCE ACTIVITY, CONDUCT A SWPPP PRE-CONSTRUCTION CONFERENCE. CONTRACTOR TO NOTIFY TOWN OF SUMMERVILLE AT LEAST 72 HOURS PRIOR TO SWPPP PRE-CONSTRUCTION CONFERENCE.
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 - INSTALL INLET PROTECTION ON STRUCTURES AS SHOWN.
 - IMPLEMENT & MAINTAIN EROSION CONTROL BMP'S AS INDICATED ON THE PLANS THROUGHOUT CONSTRUCTION.
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 - ONCE ENGINEER CONFIRMS THAT FINAL STABILIZATION HAS BEEN ACHIEVED, CONTACT TOWN OF SUMMERVILLE TO REQUEST FINAL INSPECTION.
 - ONCE TOWN OF SUMMERVILLE CONFIRMS FINAL STABILIZATION, SUBMIT NOTICE OF TERMINATION TO SCDHEC IAW SWPPP REQUIREMENTS.





AREA 1
AREA 2

GENERAL NOTES:

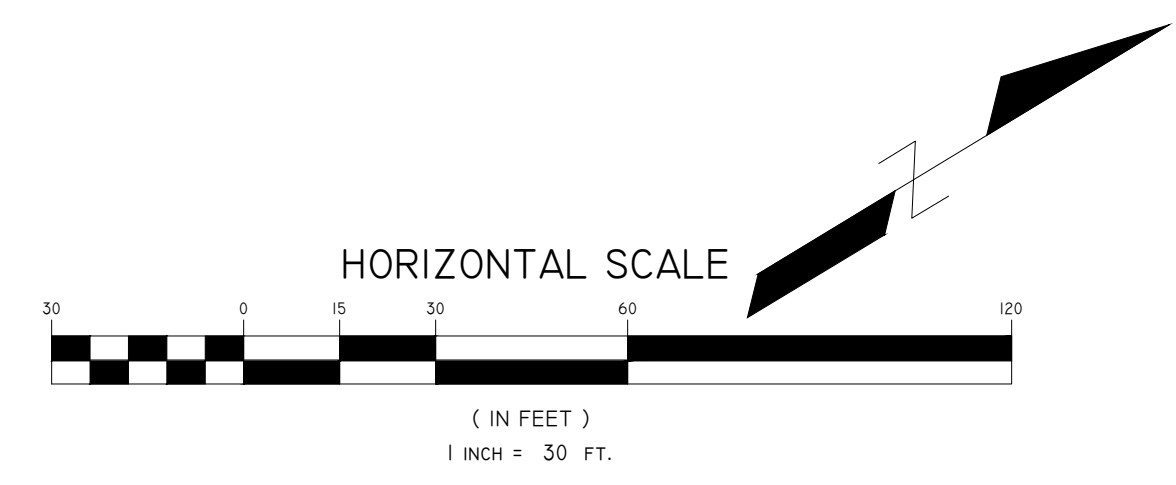
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2. SEE SHEET C1.01 FOR EXISTING SITE LEGEND.

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EXISTING SITE LEGEND

---	PROPERTY LINE	---	OHP	POWER LINE (OVERHEAD)	---	24	CONTOUR
---	RIGHT-OF-WAY LINE	---	P	POWER LINE (UNDERGROUND)	---	X	TREE TO BE DEMOLISHED
---	ADJACENT PROPERTY LINE	---	T	TELE LINE (UNDERGROUND)	---	*	ITEMS TO BE DEMOLISHED
---	EASEMENT	---	G	GAS LINE	---	---	LIMITS OF CONSTRUCTION
---	SETBACK	---	PP	EXISTING TREE	---	---	
---	BUFFER	---	SSMH	POWER POLE	---	---	
---	WETLAND	---	CO	SANITARY MANHOLE	---	---	
---	WATER LINE W/ VALVE	---	CB	SEWER CLEANOUT	---	---	
---	SANITARY SEWER PIPE	---	FH	CATCH BASIN	---	---	
---	FORCE MAIN	---	E	FIRE HYDRANT	---	---	
---	SANITARY SEWER SERVICE	---	---	ELECTRICAL BOX	---	---	
---	WATER SERVICE	---	---		---	---	
---	STORM DRAIN	---	---		---	---	
---	FENCE	---	---		---	---	

SWPPP PREPARER CERTIFICATION STATEMENT

"I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14, OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000."

W. WILLIAM ROGAN, JR, PE
SC PE #27814

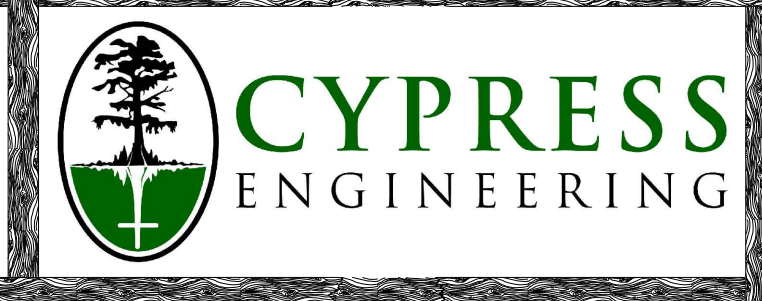
SWPPP PREPARER NAME



SIGNATURE, DATE & SEAL

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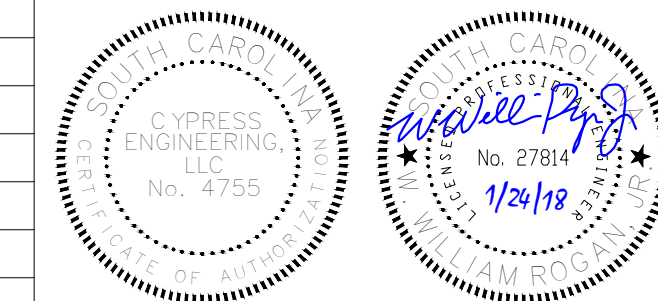
CYPRESS
ENGINEERING

CYPRESS ENGINEERING
100 SOUTH MAIN STREET
SUITE L
SUMMERVILLE, SC 29483
PHONE: 843-225-5151
WWW.CYPRESSENG.COM

DATE:	1/24/2018	CYP PROJ #:	17032
DRAWN:	JCT	CLIENT:	TOWN OF SUMMERVILLE
DESIGNED:	JCT	CLIENT JOB #:	.
CHECKED:	WWR		


SIDEWALKS #1 -
CENTRAL TO RICHARDSON
SUMMERVILLE, SC

REV #	DESCRIPTION	DATE
CONST.	DOCS ISSUE DATE	1/24/18



DEMOLITION & EROSION
CONTROL PLAN - AREA 2

C1.02



811
Know what's below.
Call before you dig.

CONTRACTOR SHALL CALL 811 FOR LOCATION OF ALL EXISTING UTILITIES AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF UTILITIES CONFLICT WITH PROPOSED WORK.



GENERAL NOTES:

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- SEE SHEET C1.01 FOR EXISTING SITE LEGEND.

KEYNOTES:

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EROSION CONTROL LEGEND

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SILT FENCE	SILT FENCE - INSTALL IAW DETAIL SHEET C1.20.
SILTSACK INLET PROTECTION	SILTSACK INLET PROTECTION - INSTALL IAW DETAIL SHEET C1.20.

HORIZONTAL SCALE

(IN FEET)
1 INCH = 30 FT.

CYPRESS ENGINEERING
100 SOUTH MAIN STREET
SUITE L
SUMMERVILLE, SC 29483
PHONE: 843-225-5151
WWW.CYPRESSENG.COM

DATE:	1/24/2018	CYP PROJ #:	17032
DRAWN:	JCT	CLIENT:	TOWN OF SUMMERVILLE
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**DEMOLITION & EROSION
CONTROL PLAN - AREA 3**

C1.03

EXISTING SITE LEGEND

---	PROPERTY LINE	---	OHP	POWER LINE (OVERHEAD)	---	24	CONTOUR
---	RIGHT-OF-WAY LINE	---	P	POWER LINE (UNDERGROUND)	---	X	TREE TO BE DEMOLISHED
---	ADJACENT PROPERTY LINE	---	T	TELE LINE (UNDERGROUND)	---	*	ITEMS TO BE DEMOLISHED
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---	SANITARY SEWER SERVICE	---	E	ELECTRICAL BOX	---		
---	WATER SERVICE	---			---		
---	STORM DRAIN	---			---		
---	FENCE	---			---		

SWPPP PREPARER CERTIFICATION STATEMENT

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W. WILLIAM ROGAN, JR, PE
SC PE #27814

SWPPP PREPARER NAME

SIGNATURE, DATE & SEAL

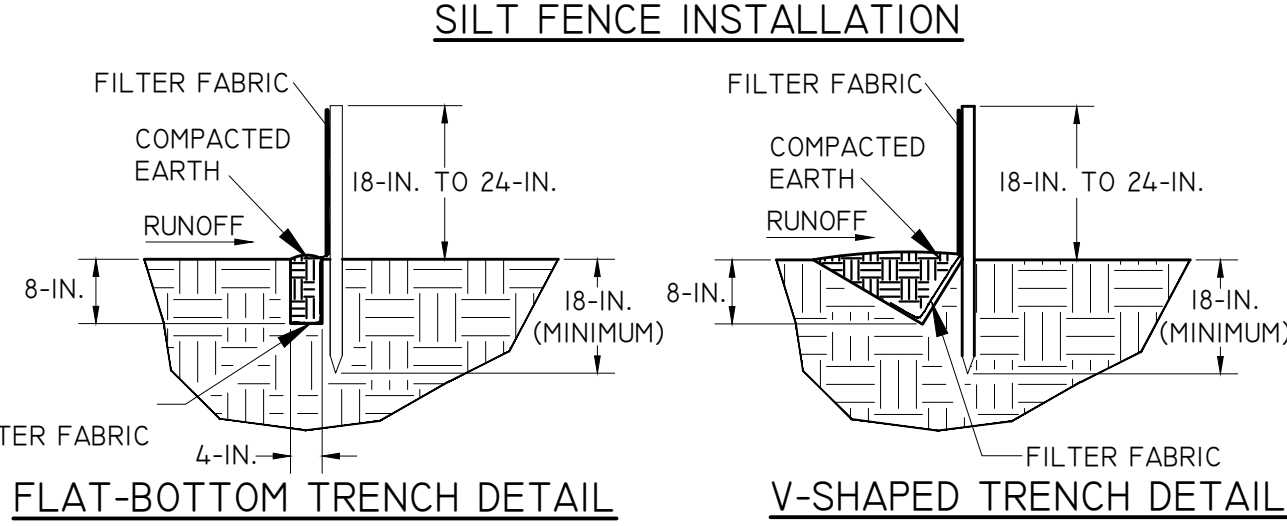
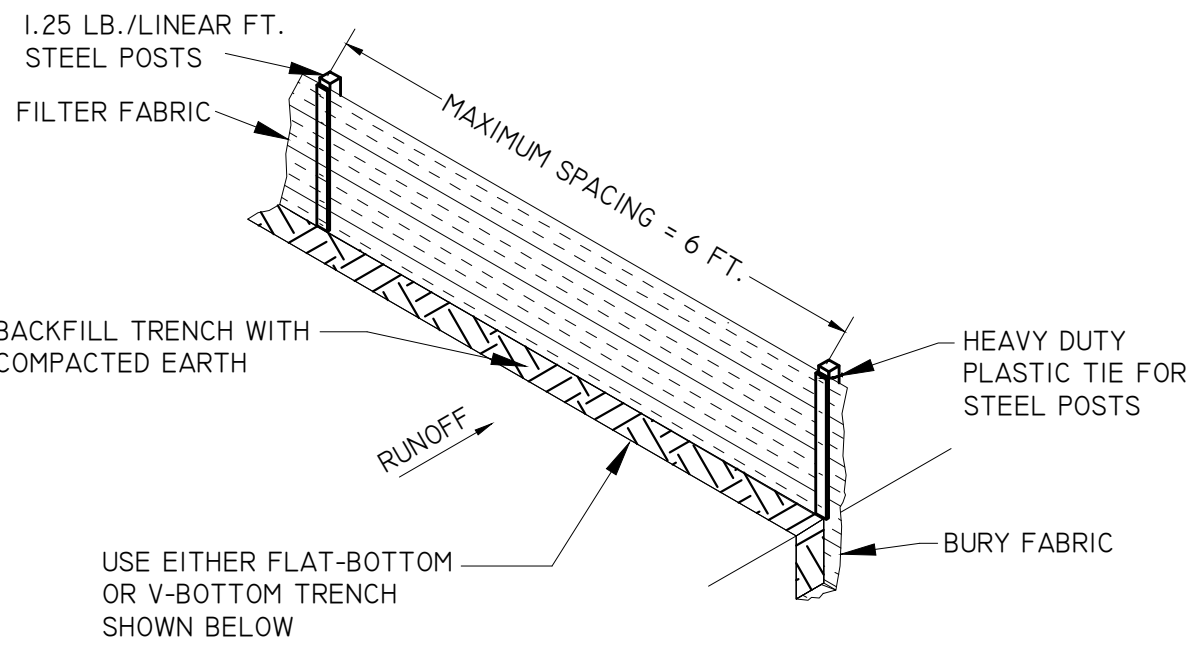
1/24/18

SWPPP SEQUENCE OF CONSTRUCTION NOTES:

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- ONCE TOWN OF SUMMERVILLE CONFIRMS FINAL STABILIZATION, SUBMIT NOTICE OF TERMINATION TO SCDHEC IAW SWPPP REQUIREMENTS.

INSTALLATION:

- EXCAVATE A TRENCH APPROXIMATELY 6-INCHES WIDE AND 6-INCHES DEEP WHEN PLACING FABRIC BY HAND. PLACE 12-INCHES OF GEOTEXTILE FABRIC INTO THE 6-INCH DEEP TRENCH, EXTENDING THE REMAINING 6-INCHES TOWARDS THE UPSLOPE SIDE OF THE TRENCH. BACKFILL THE TRENCH WITH SOIL OR GRAVEL AND COMPACT. BURY 12-INCHES OF FABRIC INTO THE GROUND WHEN PNEUMATICALLY INSTALLING SILT FENCE WITH A SLICING METHOD.
- PURCHASE FABRIC IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, WRAPPED THE FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 6-INCH MINIMUM OVERLAP.
- INSTALL POSTS TO A MINIMUM DEPTH OF 24-INCHES. INSTALL POSTS A MINIMUM OF 1- TO 2- INCHES ABOVE THE FABRIC, WITH NO MORE THAN 3-FEET OF THE POST ABOVE THE GROUND. SPACE POSTS TO MAXIMUM 6-FEET CENTERS.
- ATTACH FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED AND PLACED IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN ALL CASES, TIES SHOULD BE AFFIXED IN NO LESS THAN 4 PLACES.
- INSTALL THE FABRIC A MINIMUM OF 24-INCHES ABOVE THE GROUND. WHEN NECESSARY, THE HEIGHT OF THE FENCE ABOVE GROUND MAY BE GREATER THAN 24-INCHES. IN TIDAL AREAS, EXTRA SILT FENCE HEIGHT MAY BE REQUIRED. THE POST HEIGHT WILL BE TWICE THE EXPOSED POST HEIGHT. POST SPACING WILL REMAIN THE SAME AND EXTRA HEIGHT



SCDHEC SILT FENCE
NOT TO SCALE

FABRIC WILL BE 4-, 5-, OR 6-FEET TALL.

- LOCATE SILT FENCE CHECKS EVERY 100 FEET MAXIMUM AND AT LOW POINTS. INSTALL THE FENCE PERPENDICULAR TO THE DIRECTION OF FLOW AND PLACE THE FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.

INSPECTION AND MAINTENANCE:

- INSPECT EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCHES OR MORE OF PRECIPITATION. CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED BY FENCE OVERTOPPING.
- IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY.
- REMOVE SEDIMENT ACCUMULATED ALONG THE FENCE WHEN IT REACHES ONE THIRD (1/3) THE HEIGHT OF THE FENCE, ESPECIALLY IF HEAVY RAINS ARE EXPECTED.
- REMOVE TRAPPED SEDIMENT FROM THE SITE OR STABILIZE IT ON SITE.
- REMOVE SILT FENCE WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BEST MANAGEMENT PRACTICES (BMPs) ARE NO LONGER NEEDED.
- PERMANENTLY STABILIZE DISTURBED AREAS RESULTING FROM FENCE REMOVAL.

SEEDING PREPARATION:

- TILL AREA TO BE SEEDED TO A DEPTH OF 4".
- APPLY LIME AT 50 POUNDS PER 1,000 SQUARE FEET, OR 1 TON PER ACRE.
- APPLY 16-16-16 FERTILIZER AT A RATE OF 850 POUNDS PER ACRE OR 20 POUNDS PER 1,000 SQUARE FEET. THE FERTILIZER SHALL BE EITHER SLOW TIME RELEASE OR APPLIED IN TWO APPLICATIONS, HALF AT TIME OF PLANTING AND THE SECOND HALF AFTER PERMANENT SEED GERMINATES.
- THE LIME AND FERTILIZER SHALL BE WORKED INTO THE TOP 2 TO 4 INCHES OF SOIL PRIOR TO SEEDING.

TEMPORARY SEEDING:

- COOL SEASON (PLANTED BETWEEN SEPTEMBER 1ST & MARCH 15TH)
56 POUNDS PER ACRE RYE, GRAIN OR
50 POUNDS PER ACRE RYEGRASS
- WARM SEASON (PLANTED BETWEEN MARCH 15TH & AUGUST 31ST)
40 POUNDS PER ACRE BROWN TOP MILLET

PERMANENT SEEDING (UNLESS SHOWN ON LA PLANS):

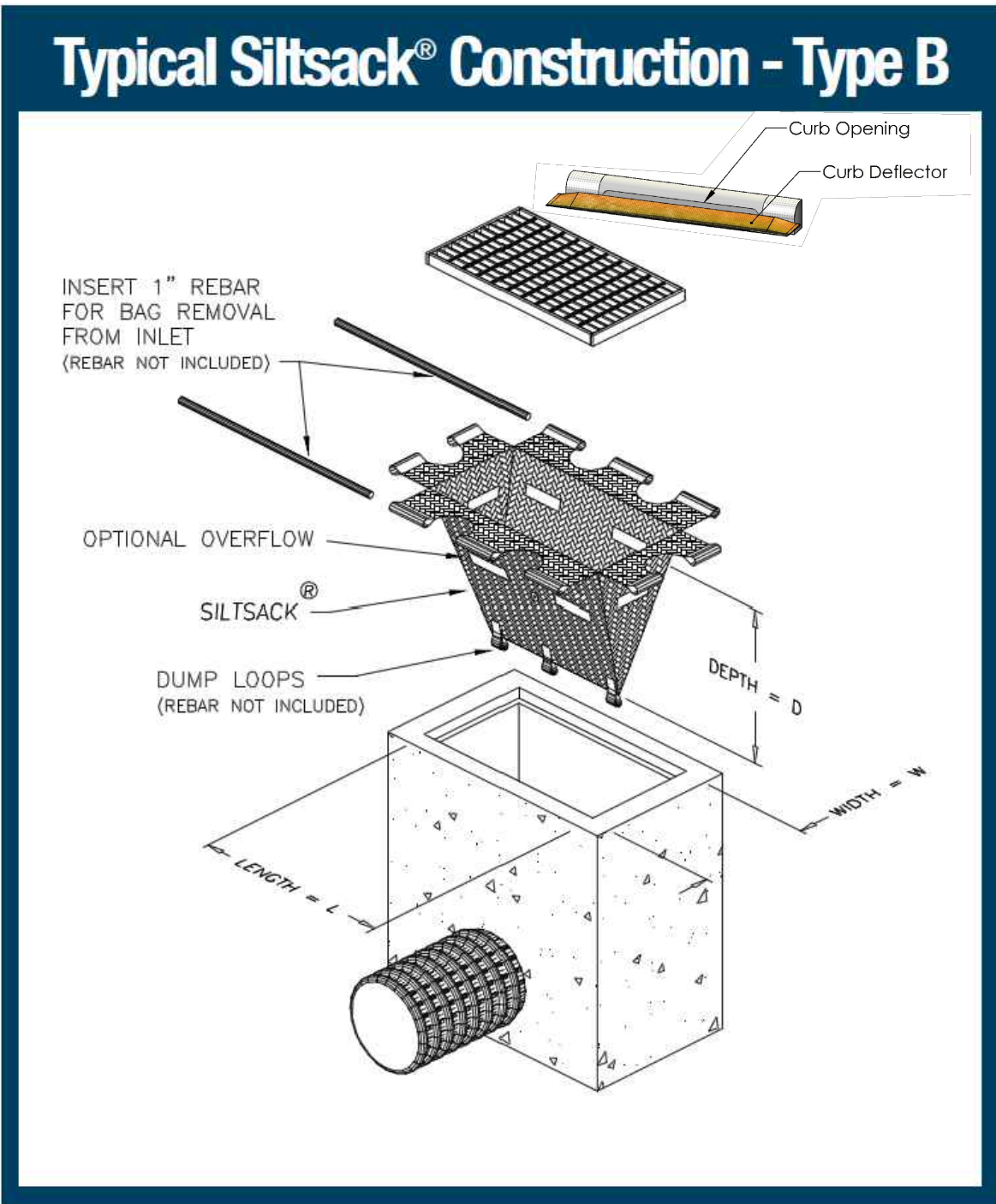
- COOL SEASON (PLANTED BETWEEN SEPTEMBER 1ST & MARCH 31ST)
30 POUNDS PER ACRE COMMON BERMUDAGRASS (UNHULLED = HULL PRESENT)
- WARM SEASON (PLANTED BETWEEN APRIL 1ST & AUGUST 31ST)
25 POUNDS PER ACRE COMMON BERMUDAGRASS (HULLED = HULL ABSENT)

APPLICATION

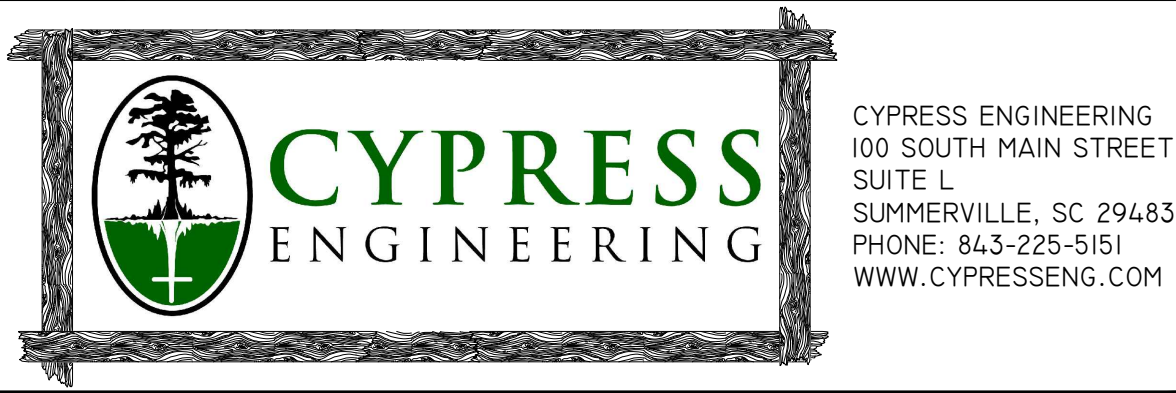
STRAW MULCH: 4,000 POUNDS PER ACRE. THE GROUND SHOULD BE COMPLETELY COVERED WITH NO BARE SPOT LARGER THAN A QUARTER, THEN TACKED WITH EMULSIFIED ASPHALT. EMULSIFIED ASPHALT SHALL BE APPLIED AT A RATE HEAVY ENOUGH THAT THE ENTIRE AREA APPEARS BLACK IN COLOR.



SEEDING NOTES
NOT TO SCALE



SILTSACK INLET PROTECTION
NOT TO SCALE



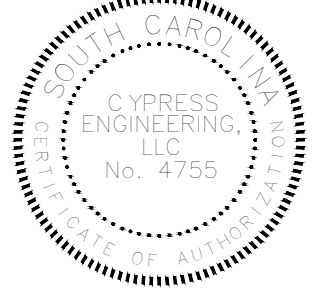
CYPRESS ENGINEERING
100 SOUTH MAIN STREET
SUITE L
SUMMERVILLE, SC 29483
PHONE: 843-225-5151
WWW.CYPRESSENG.COM

DATE:	1/24/2018	CYP PROJ #:	17032
DRAWN:	JCT	CLIENT:	TOWN OF SUMMERVILLE
DESIGNED:	JCT	CLIENT JOB #:	.
CHECKED:	WWR		

SIDEWALKS #1 -
CENTRAL TO RICHARDSON
SUMMERVILLE, SC

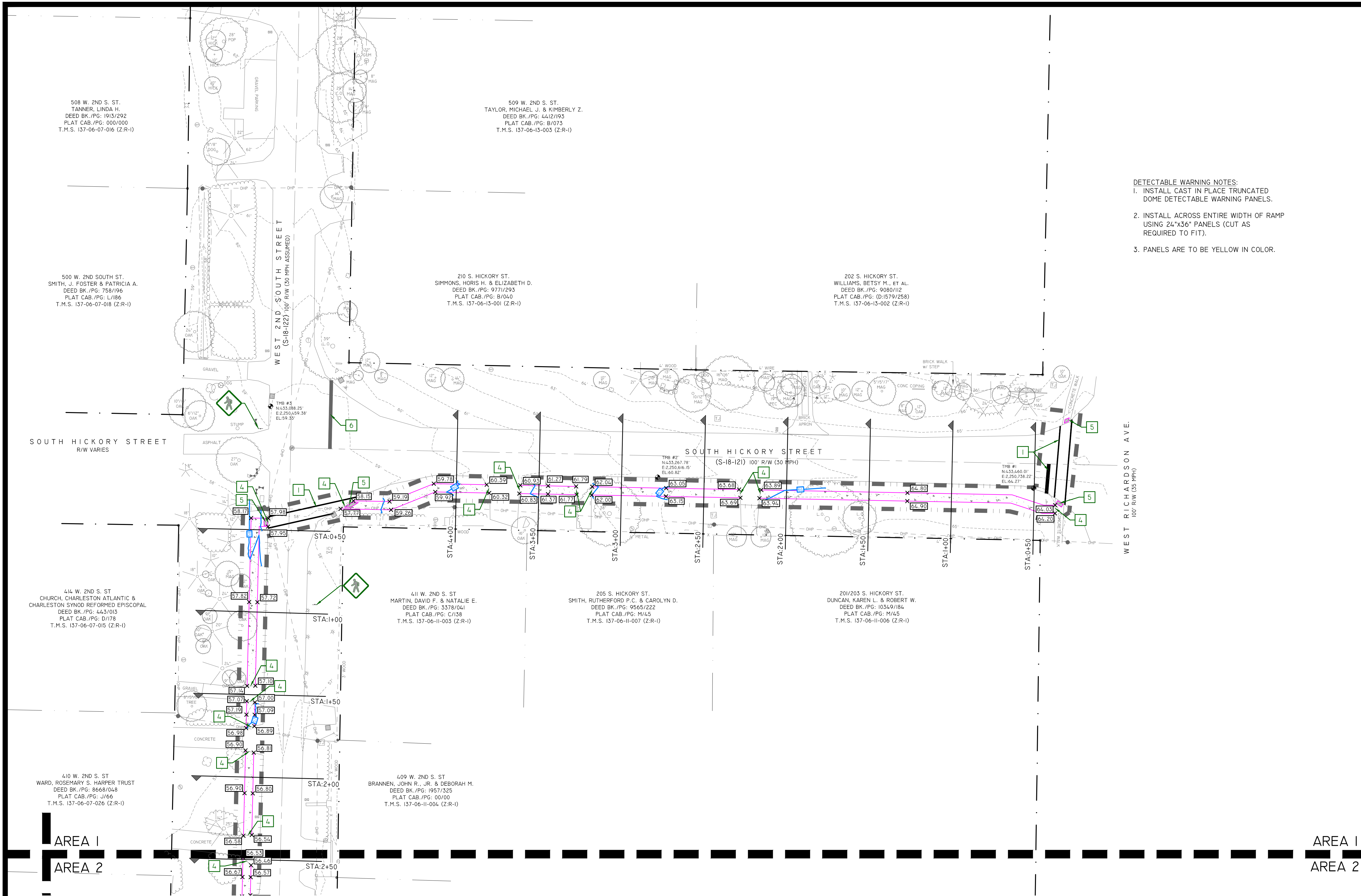
REV #	DESCRIPTION	DATE
CONST.	DOCS	ISSUE DATE

1/24/18



SWPPP DETAILS

CI.20

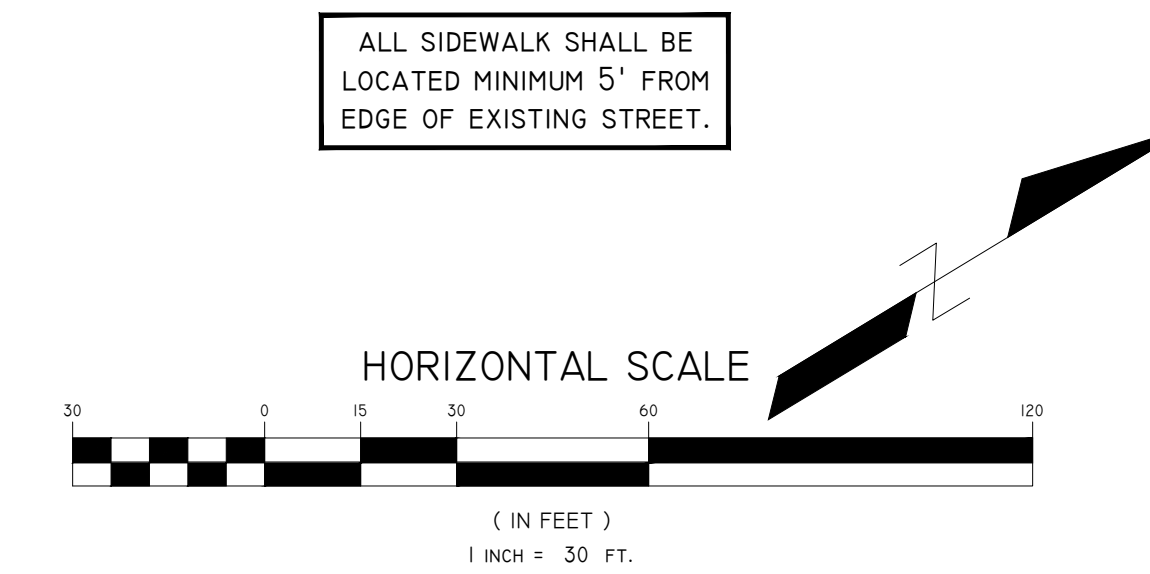


DETECTABLE WARNING NOTES:
1. INSTALL CAST IN PLACE TRUNCATED DOME DETECTABLE WARNING PANELS.
2. INSTALL ACROSS ENTIRE WIDTH OF RAMP USING 24"x36" PANELS (CUT AS REQUIRED TO FIT).
3. PANELS ARE TO BE YELLOW IN COLOR.

- GENERAL NOTES:**
- SEE SHEET C0.01 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
 - SEE SHEET C1.01 FOR EXISTING SITE LEGEND.
- KEYNOTES:**
- INSTALL NEW STRIPING. STRIPING TO BE THERMOPLASTIC, TRAFFIC WHITE.
 - RELOCATE EXISTING SIGN AS NECESSARY FOR NEW CONSTRUCTION.
 - INSTALL NEW SIDEWALK ON TOP OF EXISTING CONCRETE/TIMBER BRIDGE. NO EXCAVATION SHALL OCCUR IN BRIDGE AREA.
 - TIE NEW SIDEWALK INTO EXISTING PAVEMENT. SAWCUT AS NECESSARY TO PROVIDE SMOOTH EDGE.
 - INSTALL DETECTABLE WARNING PANELS IAW NOTES ON SHEET C5.01 AND DETAIL SHEET C5.20.
 - RESTRIPE EXISTING STRIPING. STRIPING TO BE THERMOPLASTIC TRAFFIC WHITE.

- SITE LEGEND**
- CONCRETE SIDEWALK - INSTALL IAW DETAIL SHEET C5.10.
 - CROSSWALK (THERMOPLASTIC) - INSTALL IAW DETAILS SHEET C5.10.
 - STOP BAR (THERMOPLASTIC) - INSTALL IAW DETAIL SHEET C5.10.
 - NEW TRAFFIC SIGN - INSTALL PER PLAN AND IAW DETAILS SHEET C5.10.
 - LIMITS OF CONSTRUCTION

- DRAINAGE LEGEND**
- NEW FINISHED GRADE SPOT ELEVATION
 - NEW FINISHED CONTOUR
 - EXISTING GRADE CONTOUR



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SIDEWALKS #1 -
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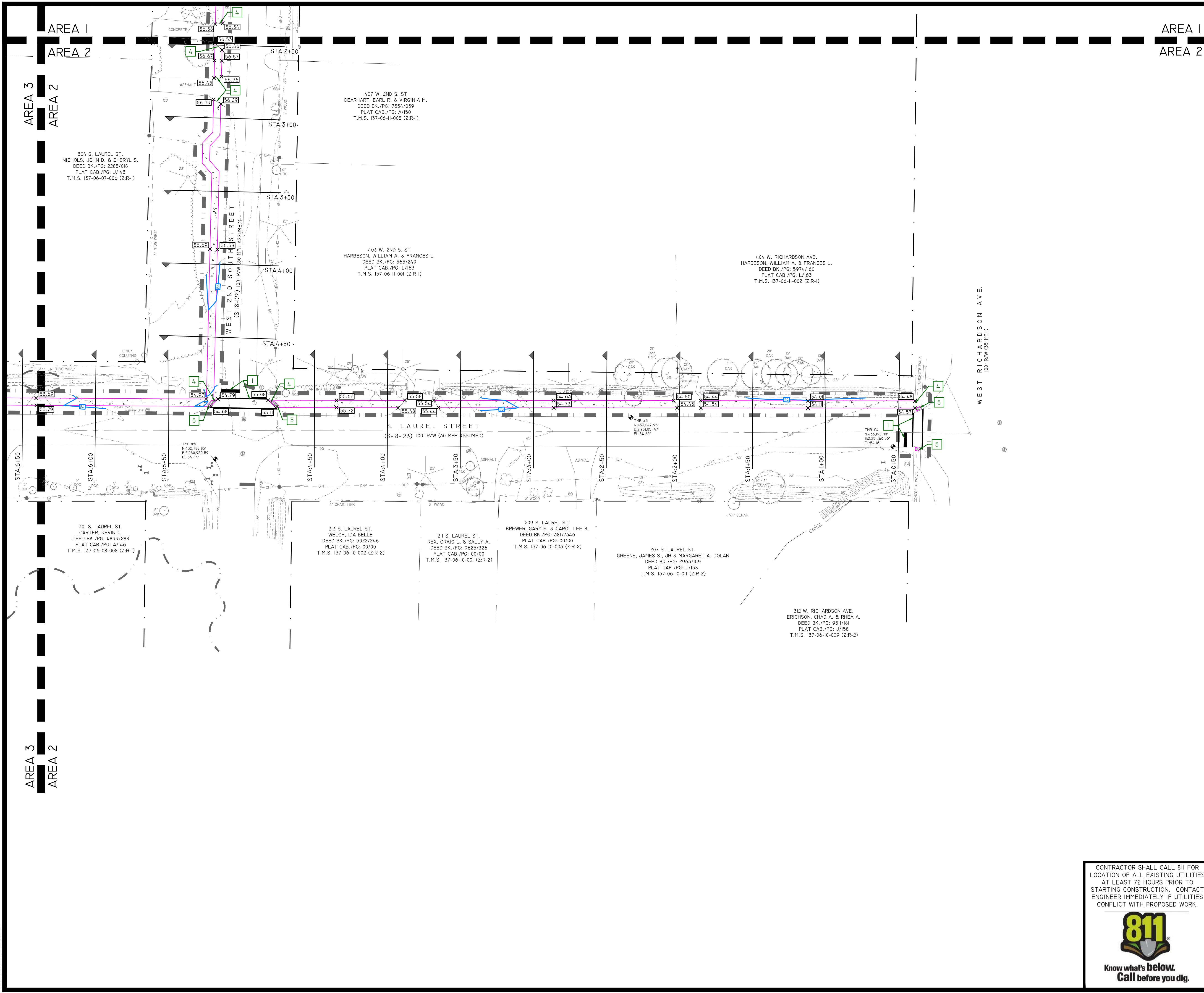
REV #	DESCRIPTION	DATE
CONST.	DOCS ISSUE DATE	1/24/18

SITE & DRAINAGE
PLAN - AREA I

C5.01

CONTRACTOR SHALL CALL 811 FOR LOCATION OF ALL EXISTING UTILITIES AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF UTILITIES CONFLICT WITH PROPOSED WORK.

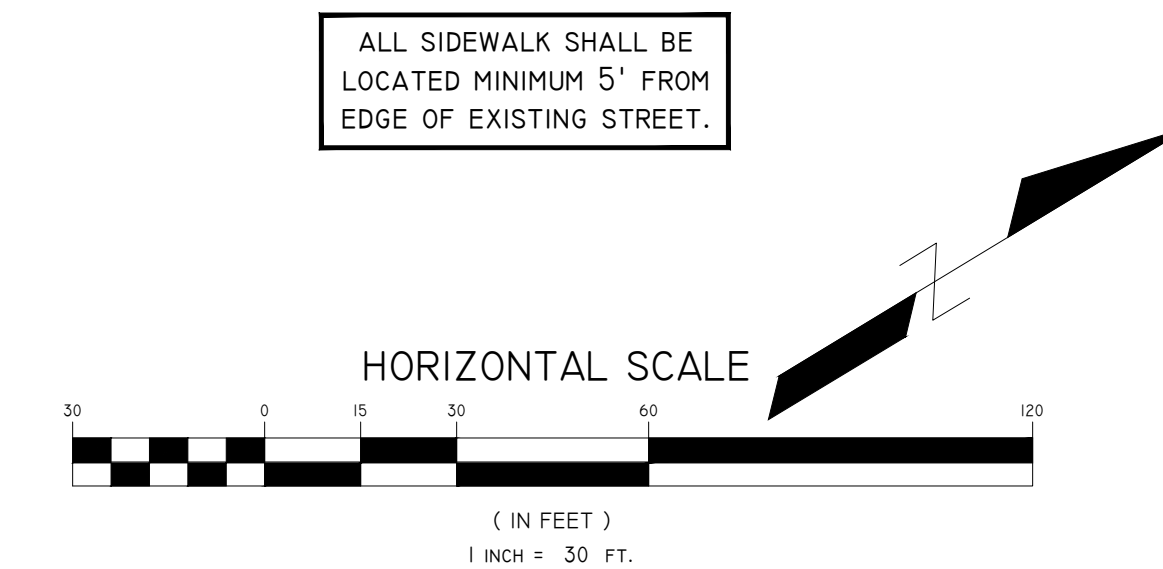
811
Know what's below.
Call before you dig.



- GENERAL NOTES:**
- SEE SHEET C0.01 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
 - SEE SHEET C1.01 FOR EXISTING SITE LEGEND.
- KEYNOTES:**
- INSTALL NEW STRIPING. STRIPING TO BE THERMOPLASTIC, TRAFFIC WHITE.
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- SITE LEGEND**
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 - CROSSWALK (THERMOPLASTIC) - INSTALL IAW DETAILS SHEET C5.10.
 - STOP BAR (THERMOPLASTIC) - INSTALL IAW DETAIL SHEET C5.10.
 - NEW TRAFFIC SIGN - INSTALL PER PLAN AND IAW DETAILS SHEET C5.10.
 - LIMITS OF CONSTRUCTION

- DRAINAGE LEGEND**
- NEW FINISHED GRADE SPOT ELEVATION
 - NEW FINISHED CONTOUR
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SIDEWALKS #1 -
CENTRAL TO RICHARDSON
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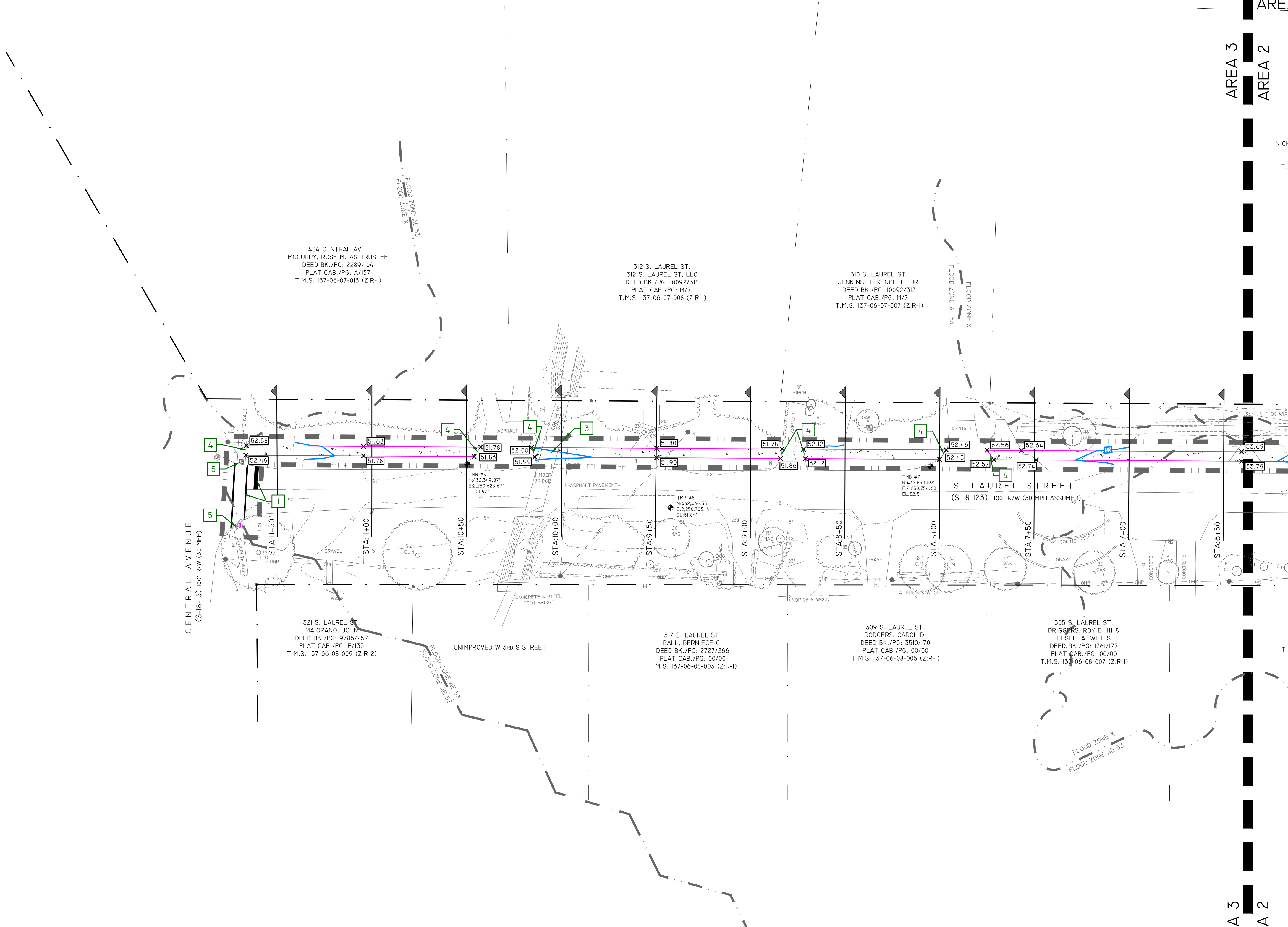
REV #	DESCRIPTION	DATE
CONST.	DOCS ISSUE DATE	1/24/18

SITE & DRAINAGE
PLAN - AREA 2

C5.02

CONTRACTOR SHALL CALL 811 FOR LOCATION OF ALL EXISTING UTILITIES AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. CONTACT ENGINEER IMMEDIATELY IF UTILITIES CONFLICT WITH PROPOSED WORK.

811
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Call before you dig.



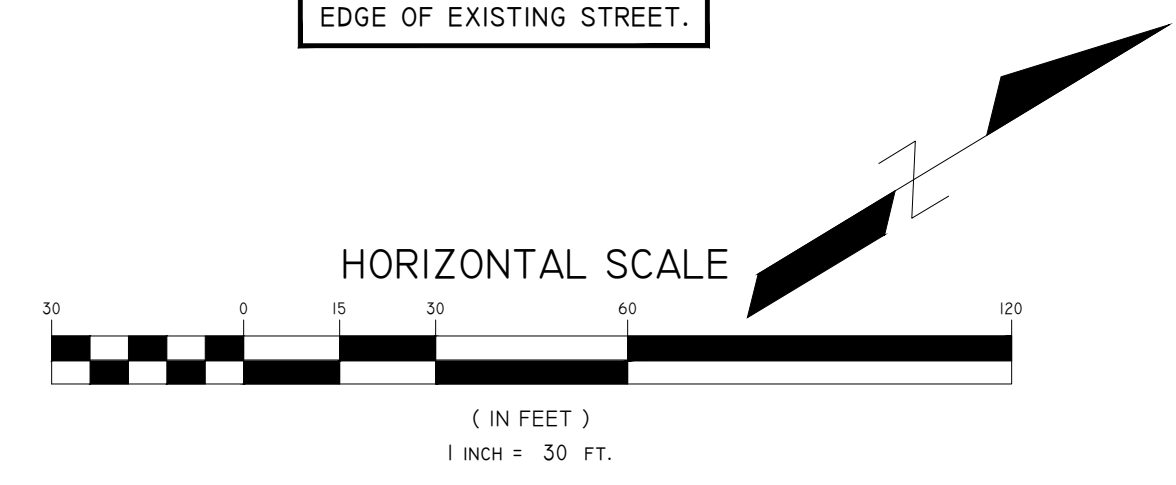
- GENERAL NOTES:**
- SEE SHEET C0.01 FOR CIVIL ABBREVIATIONS AND GENERAL NOTES.
 - SEE SHEET C1.01 FOR EXISTING SITE LEGEND.

- KEYNOTES:**
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- SITE LEGEND**
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 - NEW TRAFFIC SIGN - INSTALL PER PLAN AND IAW DETAILS SHEET C5.10.
 - LIMITS OF CONSTRUCTION

- DRAINAGE LEGEND**
- NEW FINISHED GRADE SPOT ELEVATION
 - NEW FINISHED CONTOUR
 - EXISTING GRADE CONTOUR

ALL SIDEWALK SHALL BE LOCATED MINIMUM 5' FROM EDGE OF EXISTING STREET.



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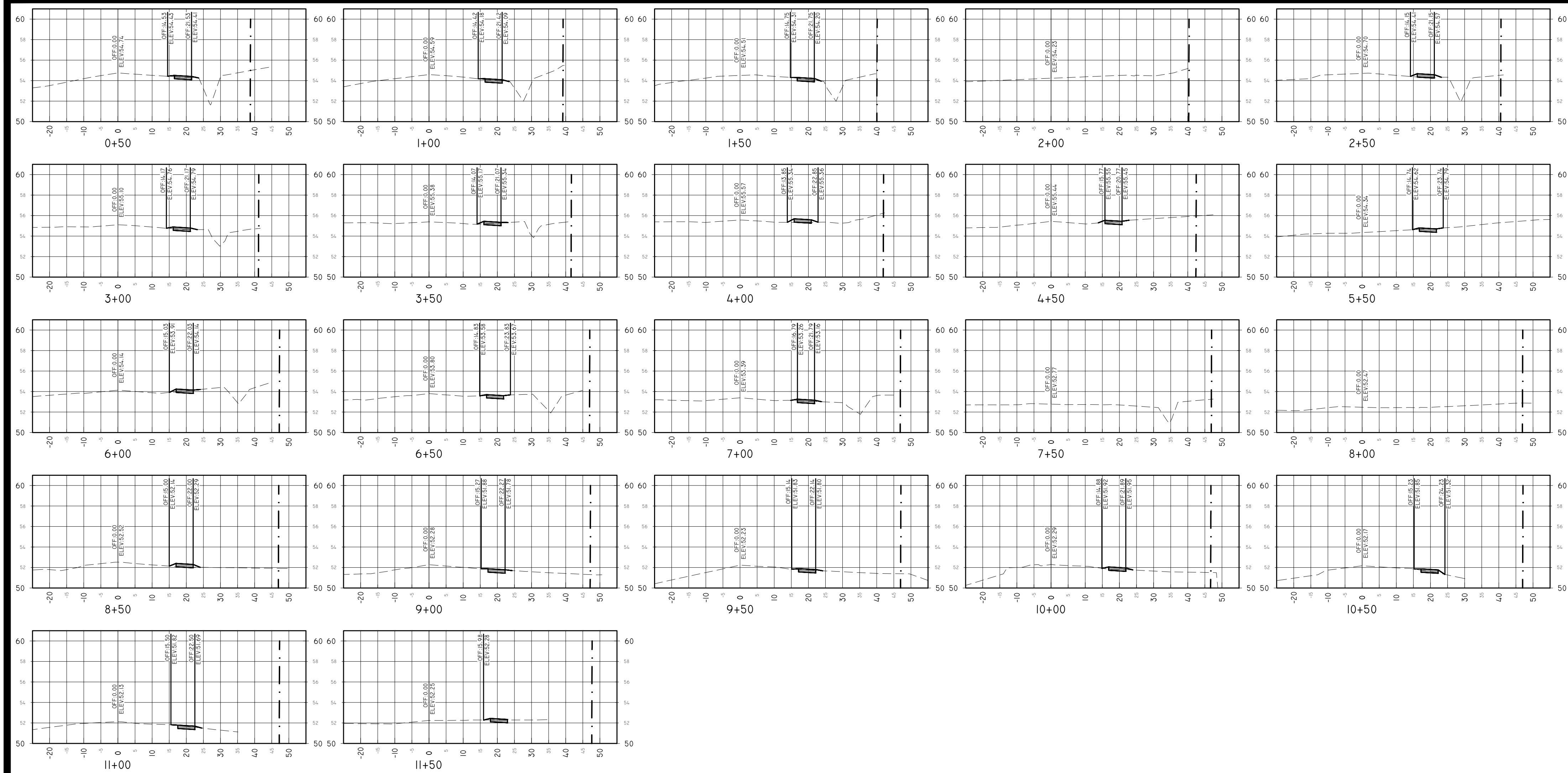
SIDEWALKS #1 -
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REV #	DESCRIPTION	DATE
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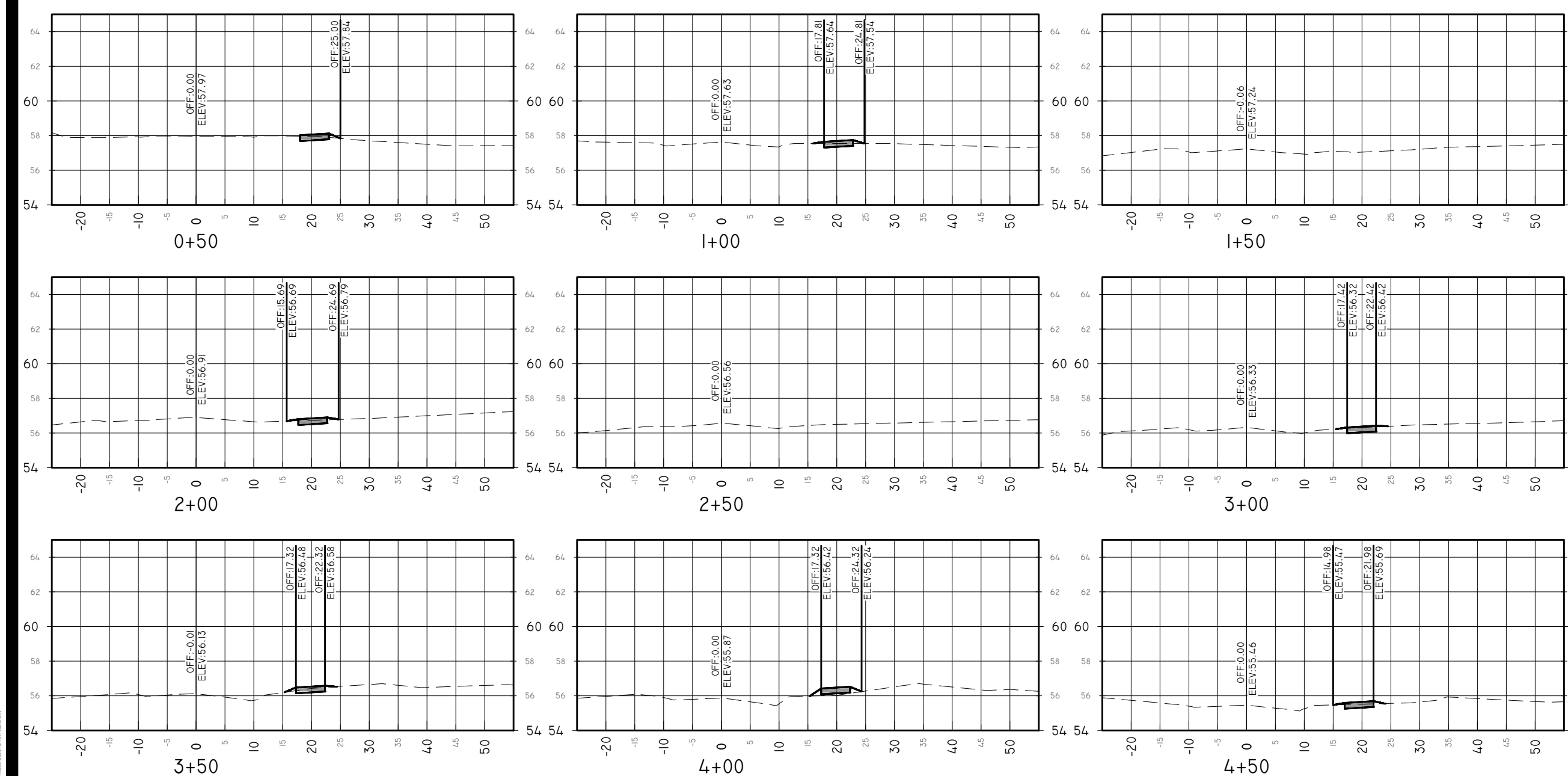
SITE & DRAINAGE
PLAN - AREA 3

C5.03

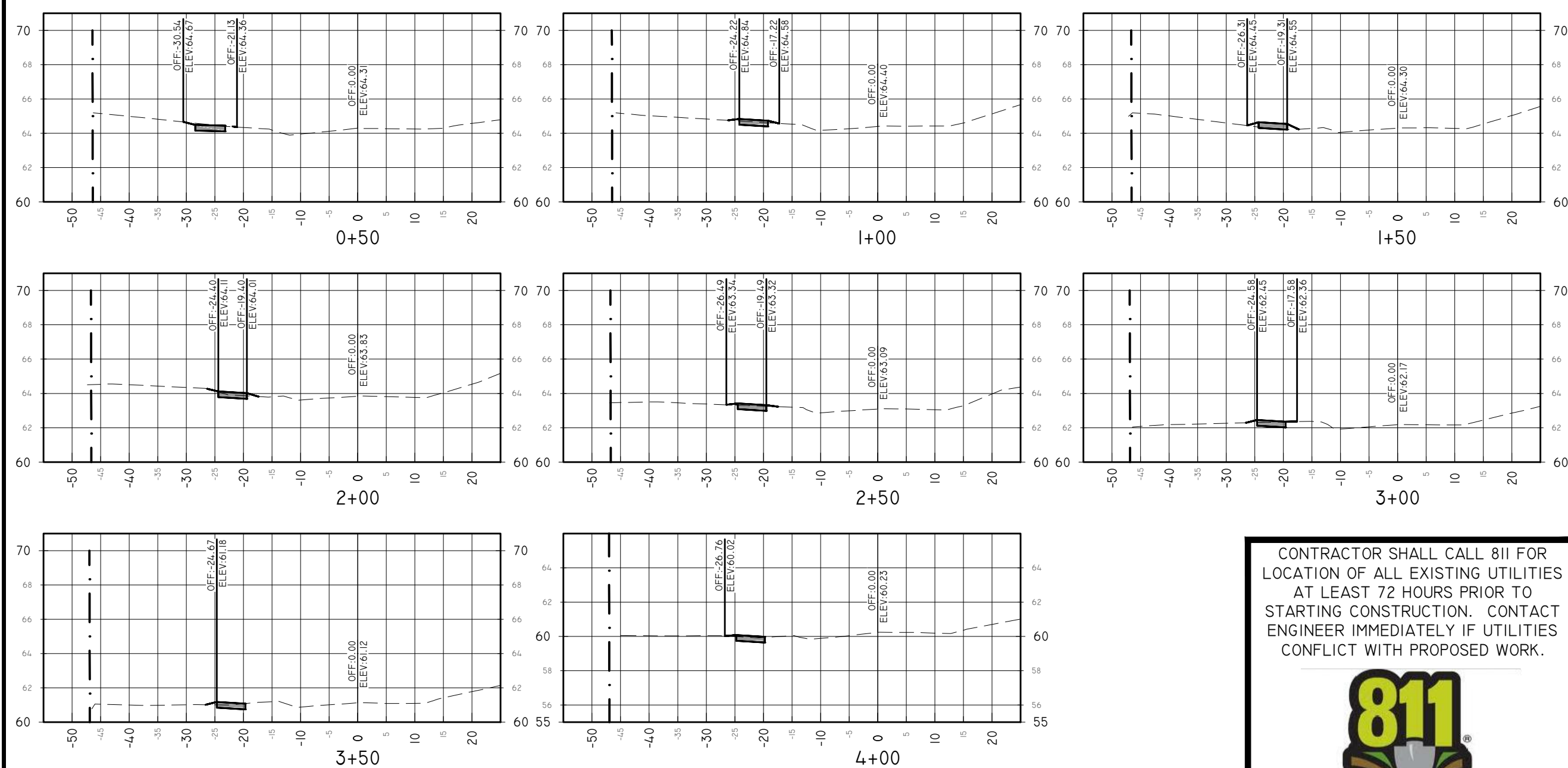
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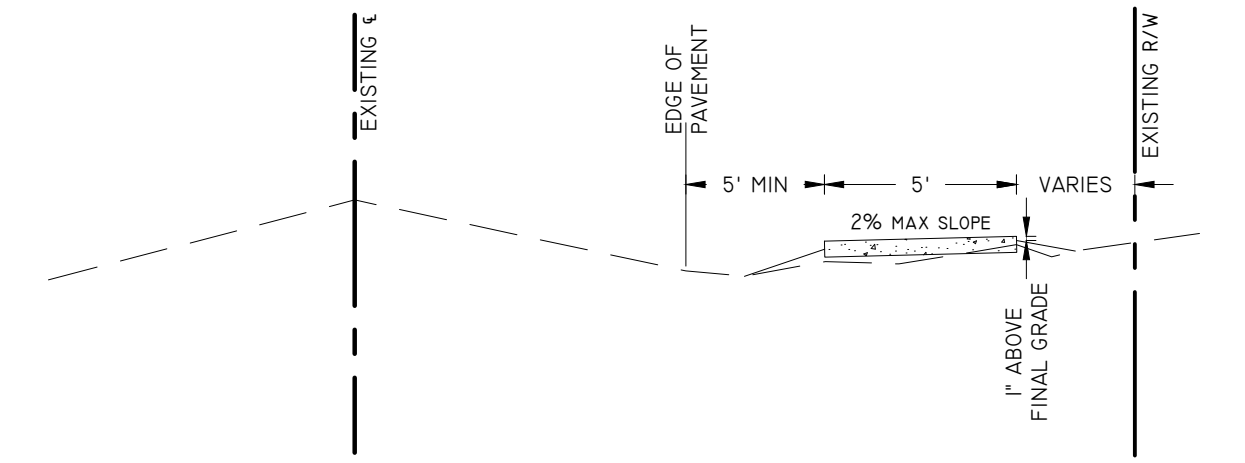
SOUTH LAUREL STREET



WEST 2ND SOUTH STREET



SOUTH HICKORY STREET



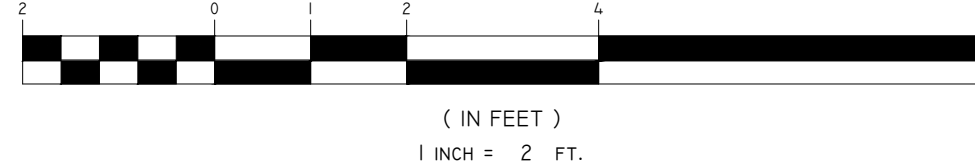
TYPICAL SIDEWALK SECTION
NTS

SIDEWALK CROSS SLOPE
TO BE 2% UNLESS
OTHERWISE NOTED.

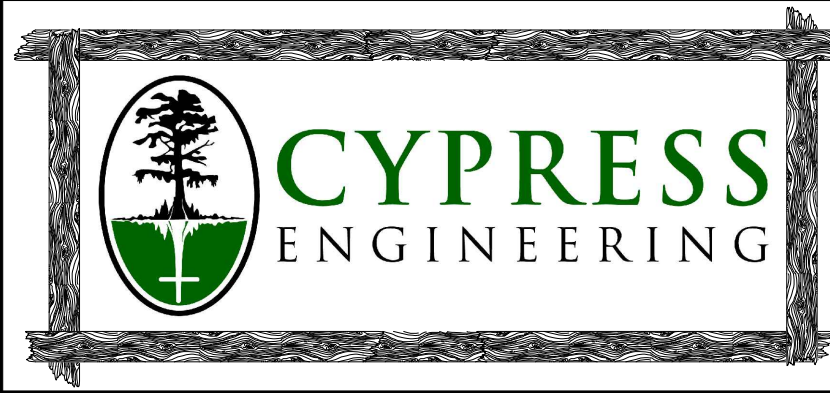
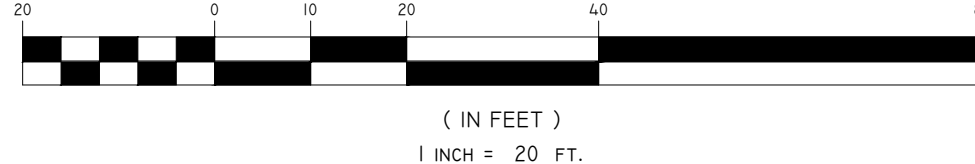
PROFILE LEGEND

- PROPOSED GRADE
- EXISTING GRADE
- EXISTING R/W

VERTICAL SCALE



HORIZONTAL SCALE

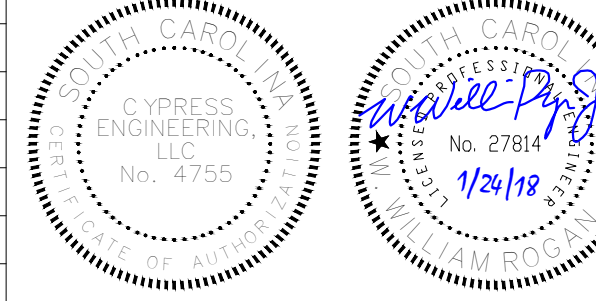


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811
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CROSS SECTIONS

C5.10

[illegible]