

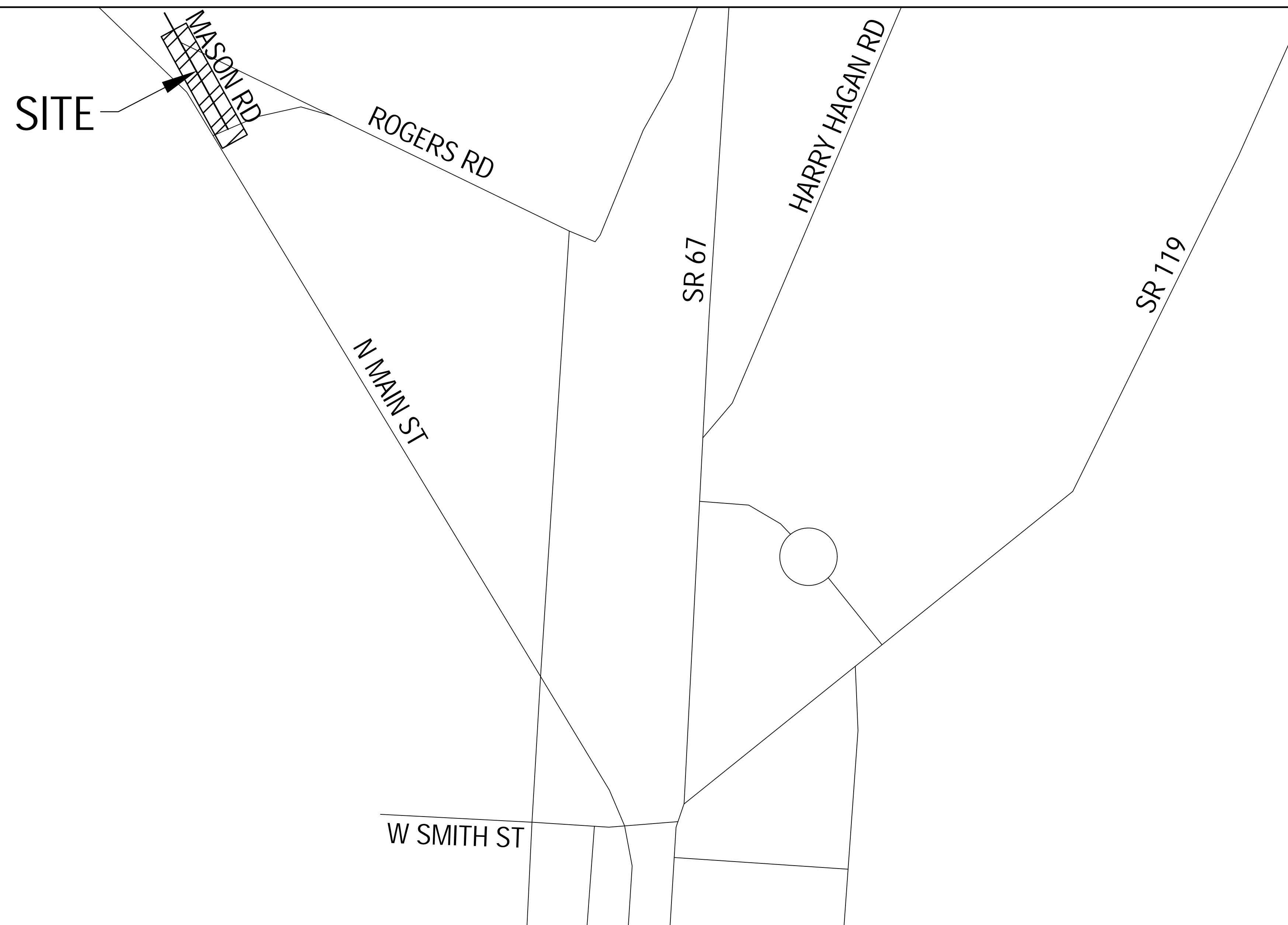
MASON ROAD IMPROVEMENTS FOR CITY OF PEMBROKE BRYAN COUNTY, GEORGIA DATE: May 2, 2023

SHEET INDEX:
DESCRIPTION

1. EXISTING CONDITIONS PLAN
2. DEMOLITION PLAN
3. SITE PLAN
4. GRADING PLAN
5. EROSION CONTROL PLAN

SHEET

- SHEET C100
SHEET C200
SHEET C300
SHEET C400
SHEET C500



DRAWING LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER		
UNDERGROUND WATER LINE		
FORCE MAIN		
STORM DRAINAGE PIPE		
UNDERGROUND TELEPHONE LINE		
UNDERGROUND TELEPHONE CONDUIT		
UNDERGROUND GAS LINE		
DITCH CENTERLINE		
SPOT ELEVATION		
TOP OF CURB ELEVATION		
FIRE HYDRANT		
SEWER MANHOLE		
WATER VALVE		
TELEPHONE MANHOLE		
LIGHT POLE		
SIGN		
WATER METER		
BENCHMARK		
CONCRETE MONUMENT FOUND		
GUY POLE		
IRON PIN FOUND		
IRON PIN SET		
TELEPHONE PEDESTAL		
POWER POLE		
HANDICAP SPACE		
SEDIMENT BASIN MARKER W/NOTCH		



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

Owner: CITY OF PEMBROKE PO BOX 130 PEMBROKE, GA 31321 TEL: (912) 653-4413 EMAIL: INFO@PEMBROKEGA.NET	GPS COORDINATES OF CO: N32.1514761 W-81.6304978 DATUM: NAVD88
24 HOUR CONTACT: MARCUS SACK - M.E. SACK ENGINEERING 515 NORTH MAIN STREET P.O. BOX 649 HINESVILLE, GA 31313 TEL: (912) 368-5212 EMAIL: MARCUS@MESACK.COM	DESIGN PROFESSIONAL: DATE: May 23, 2023

80

515 NORTH MAIN STREET
 P.O. BOX 649
 HINESVILLE, GA 31313
 TEL: (912) 368-5212

 10375 FORD AVENUE
 UNIT A-2
 RICHMOND HILL, GA 31324

- GENERAL NOTES**
1. ALL EXISTING UTILITIES SHOWN ARE LOCATED FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL FIELD LOCATION AND PROTECTION OF EXISTING UTILITIES. OVERHEAD LINES ARE NOT SHOWN FOR CLARITY.
 2. ALL DISTURBED AREAS TO BE REVEGETATED IMMEDIATELY AFTER CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
 3. ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY PROPERTY CORNERS, RIGHT OF WAY MONUMENTS, SIGNS OR OTHER STRUCTURES DISTURBED DURING CONSTRUCTION.
 5. ALL TRAFFIC AND SIGNAGE CONTROL SHALL BE IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, MUTCD, CURRENT EDITION.

JOB NO. 2023-12 PRJ		
REVISION NO.	DATE	DESCRIPTION

COVER SHEET

PLOT DATE: May 23, 2023

GENERAL NOTES:

1. STREET INSTALLATION TO BE IN ACCORDANCE WITH THE CITY OF PEMBROKE STANDARD SPECIFICATIONS
2. BOUNDARY SURVEY SUPPLIED BY PETER DURAND REGISTERED LAND SURVEYOR NO. 3213.
3. THIS PROJECT IS IN ZONE "X" ACCORDING TO THE FEMA FLOOD MAP COMMUNITY-PANEL NUMBER 130290045D, DATED 5/5/2014.
4. ALL STREETS ARE PUBLIC IN NATURE.

REVISIONS:

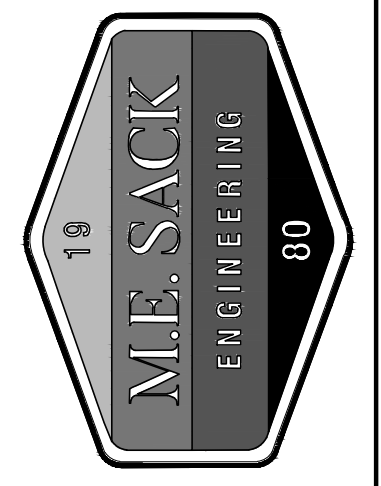
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DATE: 5/23/2023



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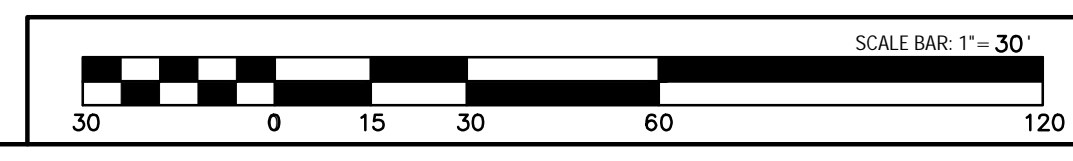
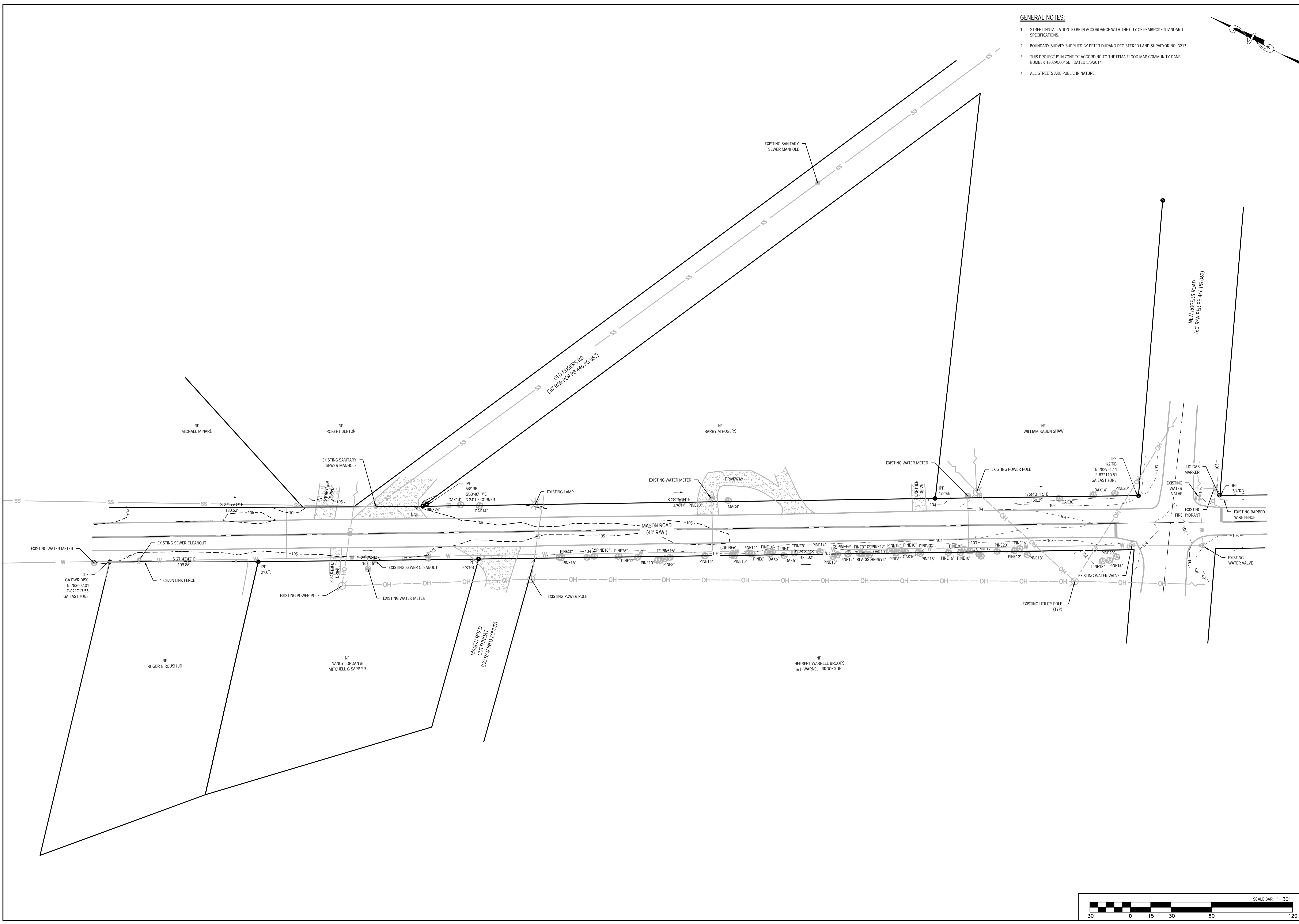
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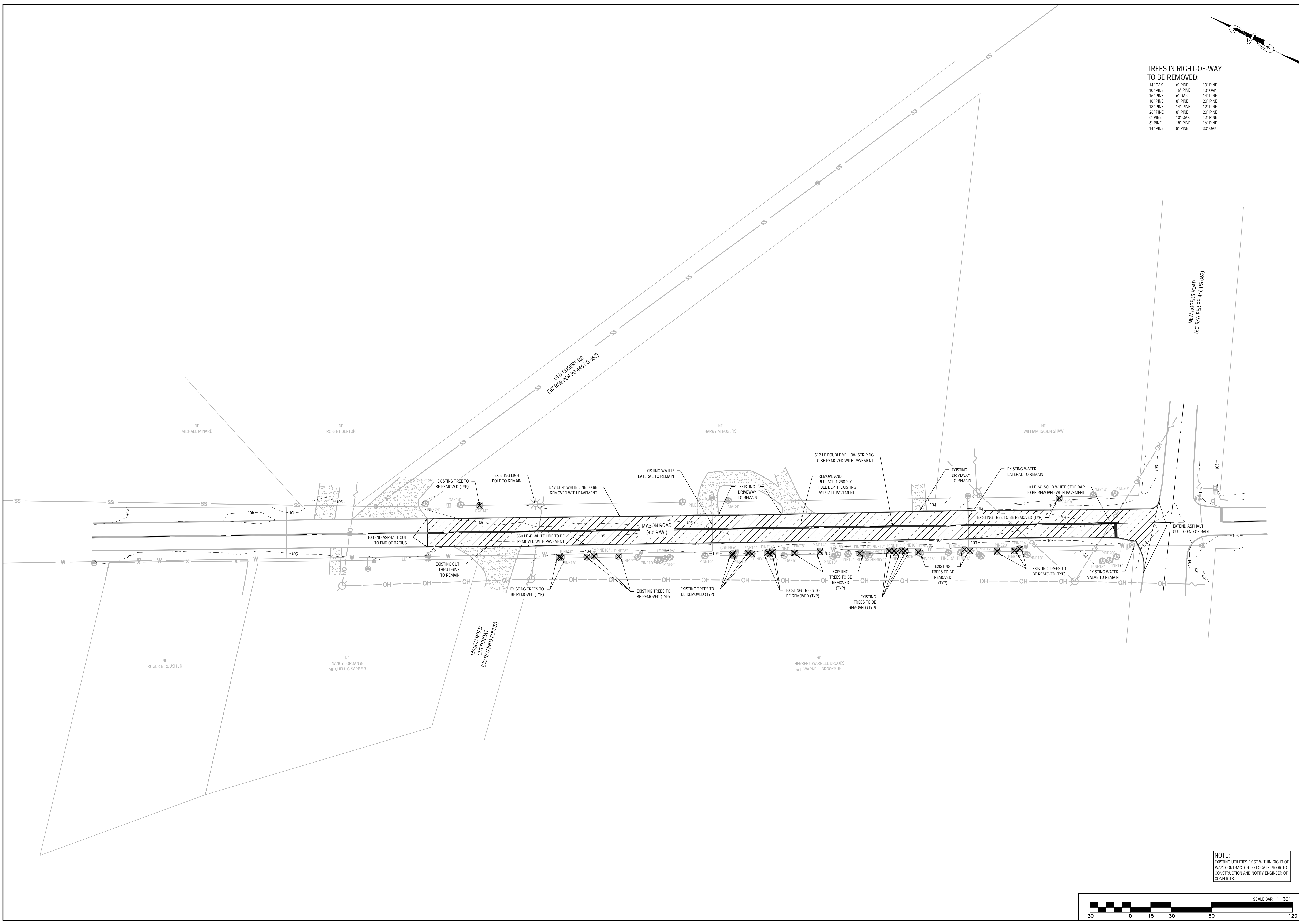
MASON ROAD IMPROVEMENTS

EXISTING CONDITIONS PLAN

C100

FILE NO: 2023-12
 PLOT DATE: May 23, 2023





TREES IN RIGHT-OF-WAY TO BE REMOVED:

14" OAK	6" PINE	10" PINE
10" PINE	14" PINE	10" OAK
16" PINE	6" OAK	14" PINE
18" PINE	8" PINE	20" PINE
18" PINE	14" PINE	12" PINE
26" PINE	8" PINE	20" PINE
6" PINE	10" OAK	12" PINE
6" PINE	18" PINE	16" PINE
14" PINE	8" PINE	30" OAK

REVISIONS:

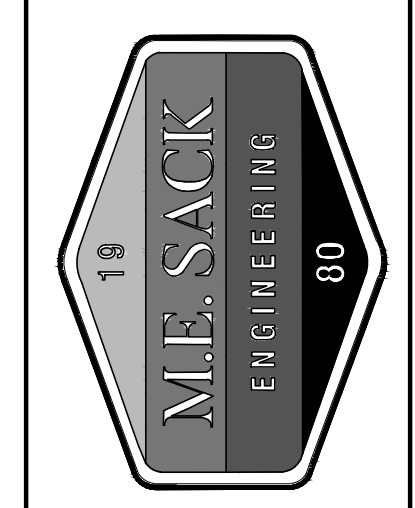
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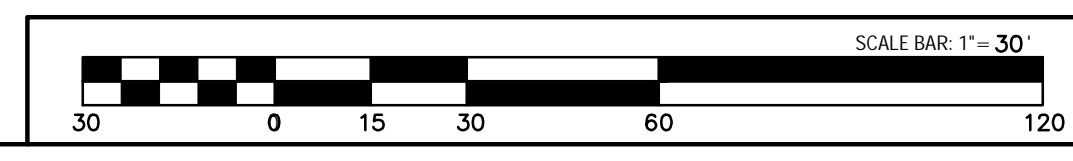
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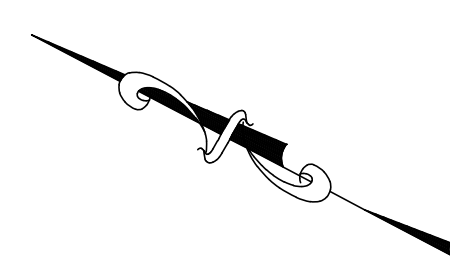
DEMOLITION PLAN

C200

FILE NO: 2023-12
 PLOT DATE: May 23, 2023

NOTE:
 EXISTING UTILITIES EXIST WITHIN RIGHT OF WAY. CONTRACTOR TO LOCATE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF CONFLICTS.

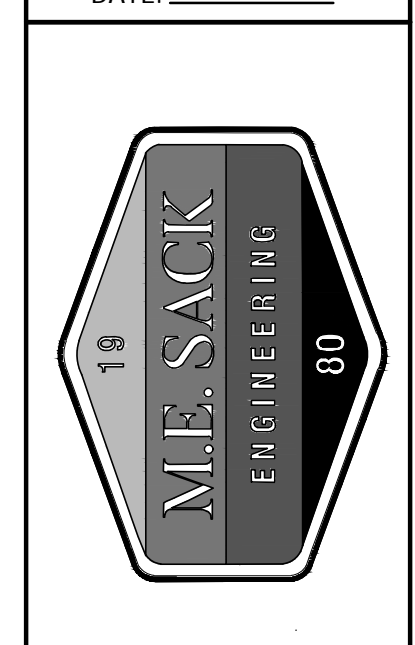




QUANTITY ESTIMATES:
 DOUBLE YELLOW STRIPING: 510 LF
 4" SOLID WHITE STRIPING: 1,095 LF
 24" STOP BAR: 11 LF
 ROADWAY FULL-DEPTH REPLACEMENT: 1,280 SY
 SHOULDER SCRAPING AND REMOVAL: 1,022 SY
 *QUANTITIES ARE ESTIMATES ONLY. LUMP SUM ITEMS IN BID DOCUMENTS SHALL BE INCLUSIVE OF ON-SITE CONDITIONS.

NO.	DESCRIPTION	DATE

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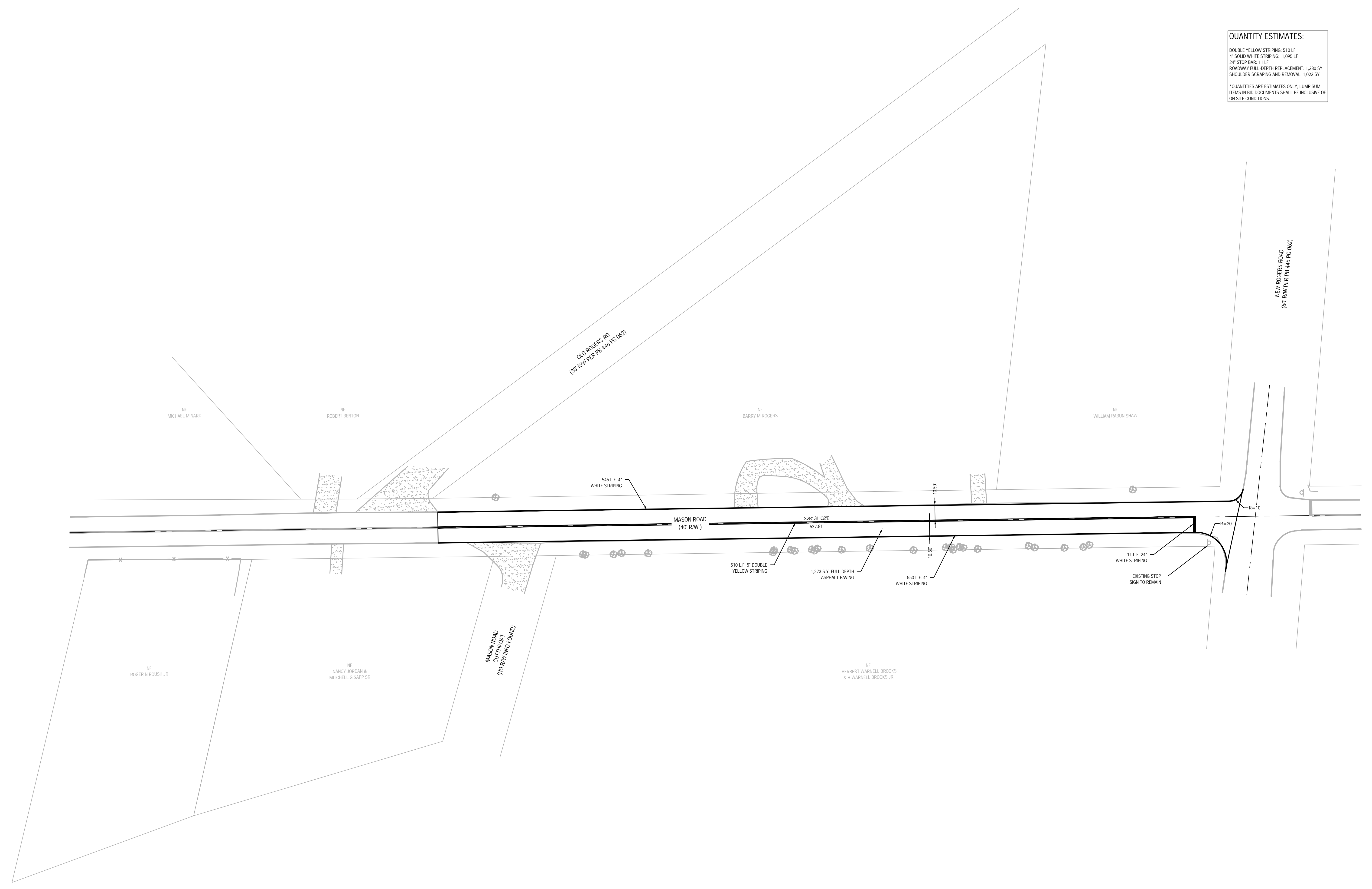
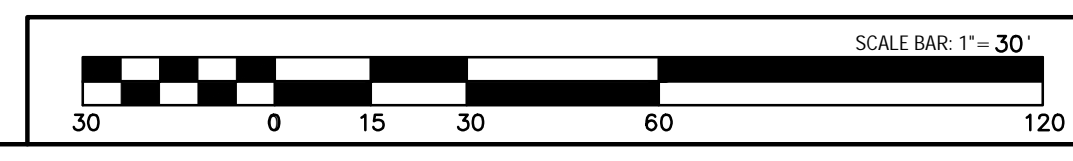
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MASON ROAD IMPROVEMENTS

SITE PLAN

C300

FILE NO: 2023-12
 PLOT DATE: May 23, 2023



MF MICHAEL MINARD

MF ROBERT BENTON

MF BARRY M. ROGERS

MF WILLIAM RABLIN SHAW

MF ROGER N. ROUSH JR.

MF NANCY JORDAN & MITCHELL G. SAPP SR.

MF HERBERT WARNELL BROOKS & H. WARNELL BROOKS JR.

MASON ROAD CUTTHROAT (NO R/W INFO FOUND)

OLD ROGERS RD (200' R/W PER PB #46 PG 062)

NEW ROGERS ROAD (60' R/W PER PB #46 PG 062)

545 L.F. 4" WHITE STRIPING

MASON ROAD (40' R/W)

510 L.F. 5" DOUBLE YELLOW STRIPING

1,273 S.Y. FULL DEPTH ASPHALT PAVING

550 L.F. 4" WHITE STRIPING

11 L.F. 24" WHITE STRIPING

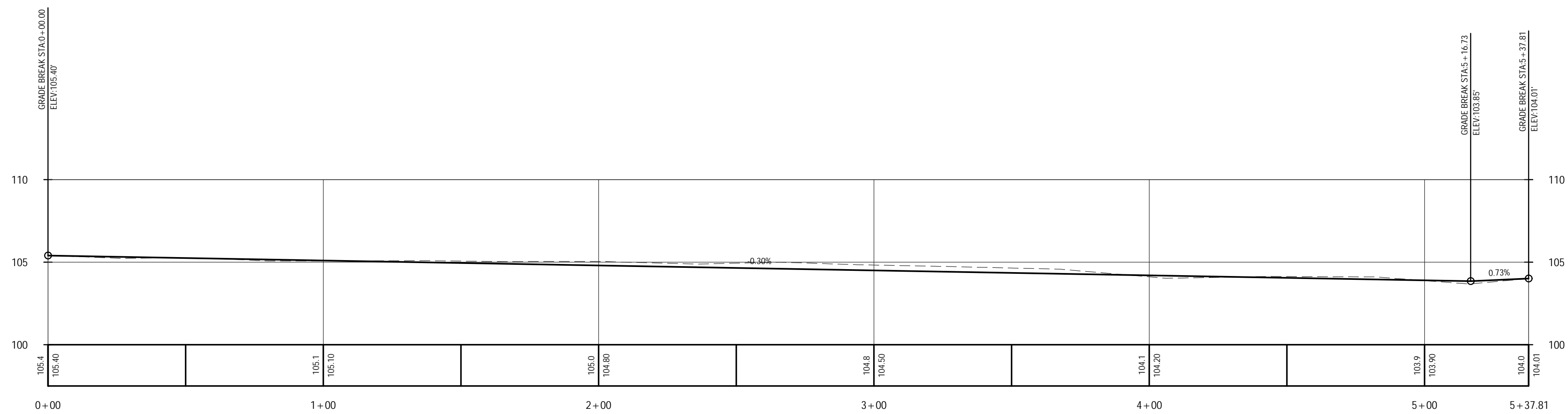
EXISTING STOP SIGN TO REMAIN

528' 3" O2'E
537.81'

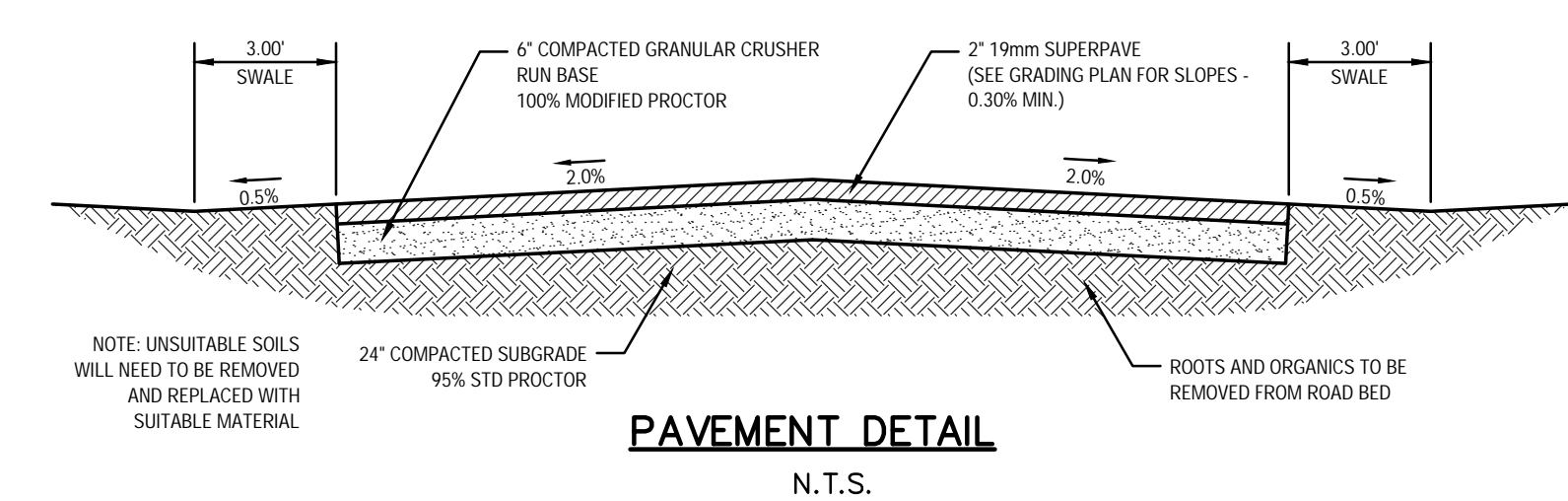
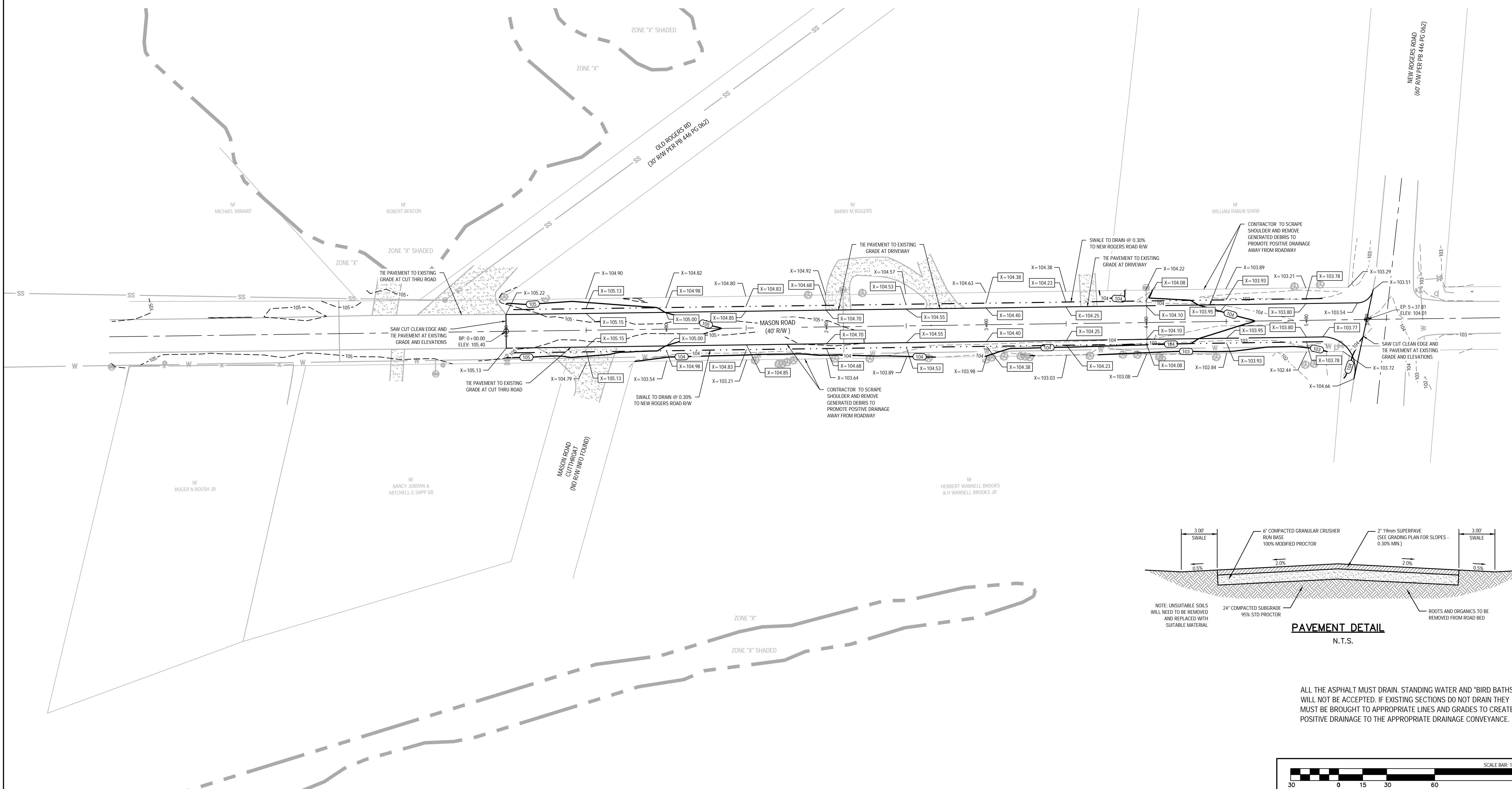
10.50'

R=10

R=20

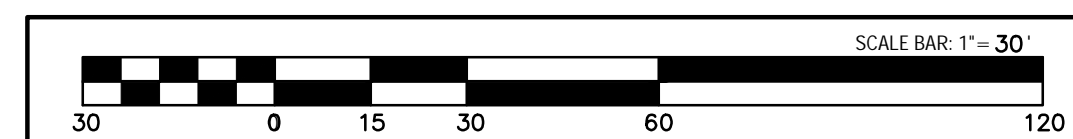


MASON RD REPLACEMENT PROFILE
 VERT. SCALE: 1"=2'
 HORIZ SCALE: 1"=10'



PAVEMENT DETAIL
 N.T.S.

ALL THE ASPHALT MUST DRAIN. STANDING WATER AND "BIRD BATHS" WILL NOT BE ACCEPTED. IF EXISTING SECTIONS DO NOT DRAIN THEY MUST BE BROUGHT TO APPROPRIATE LINES AND GRADES TO CREATE POSITIVE DRAINAGE TO THE APPROPRIATE DRAINAGE CONVEYANCE.



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GEORGIA REGISTERED PROFESSIONAL ENGINEER
 No. 38559
 M.E. SACK
 DATE: 5/23/2023

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MASON ROAD IMPROVEMENTS

GRADING PLAN

C400

FILE NO: 2023-12
 PLOT DATE: May 23, 2023

CONSTRUCTION ACTIVITY DESCRIPTION

SINGLE PHASE - CONSISTS OF INSTALLING CONSTRUCTION EXIT, PERIMETER BMPs, DUST CONTROL, DEMOLITION OF EXISTING ROAD, CLEARING, GRUBBING, GRADING, AND INSTALLATION OF NEW ROAD.

SILT STORAGE CALCULATION SITE

ESTIMATED EROSION = 0.50 X 67 C.Y. = 34 C.Y. STORAGE CAPACITY REQUIRED.

AVAILABLE STORAGE IN SILT FENCE = 67 C.Y.

TOTAL AVAILABLE SEDIMENT STORAGE = 67 C.Y.

EXISTING CONDITIONS

THE EXISTING SITE CONSISTS OF AN EXISTING ROAD AND LIGHT UNDERBRUSH. THE MAJORITY OF THE SITE SLOPES GENTLY TOWARD THE INTERSECTION OF MASON ROAD AND ROGERS ROAD EXT TO THE SOUTH.

SITE INFORMATION

TOTAL SITE AREA = 0.50 AC.
TOTAL DISTURBED AREA = 0.50 AC.

SOIL LEGEND

Se STILSON LOAMY SAND

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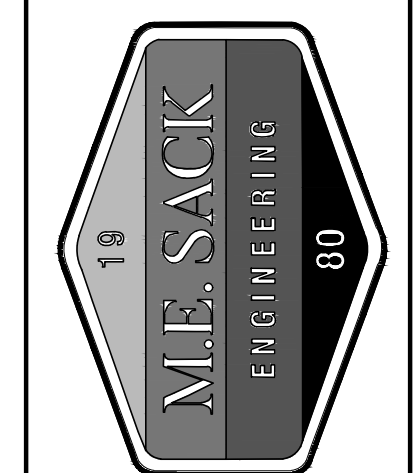
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MASON ROAD IMPROVEMENTS

EROSION CONTROL PLAN

C500

FILE NO: 2023-12

PLOT DATE: May 23, 2023

