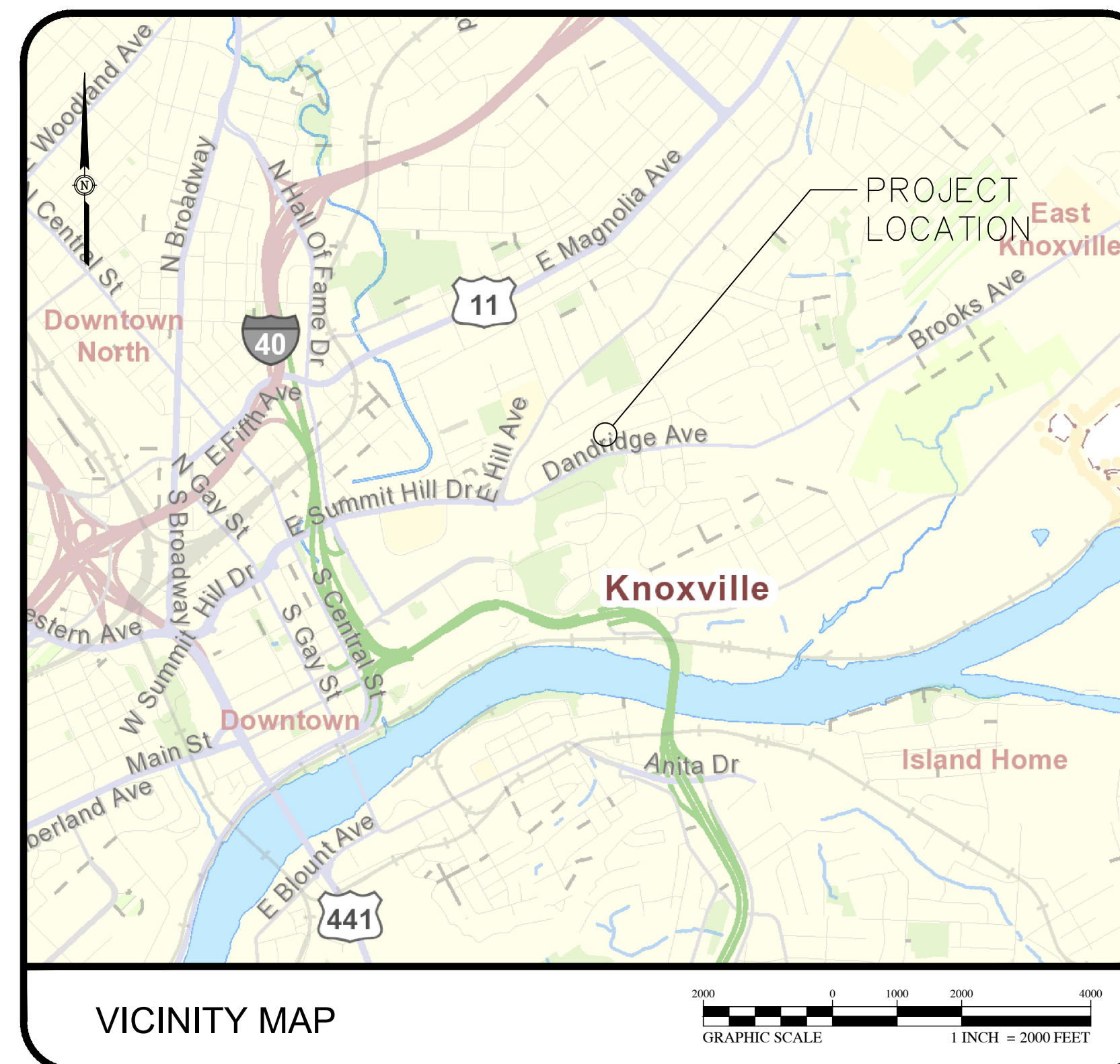


PARKING ADDITION FOR MT. CALVARY BAPTIST CHURCH

KNOX COUNTY, TENNESSEE

PROJECT INFORMATION:

1. PROPERTY OWNER:
MT. CALVARY BAPTIST CHURCH
PROJECT CONTACT: SHEILA WALTON
PROJECT CONTACT PH:865-850-1820
PROJECT LOCATION:
1807 DANDRIDGE AVE
1914 SAXTON AVE
KNOXVILLE, TN 37915
2. CITY BLOCK #: 12084
3. CLT #: 095BL058, 038
4. TOTAL SITE PROPERTY ACREAGE: 4 AC
5. TOTAL DISTURBED AREA: 30,000 SF
6. TOTAL ADDED IMPERVIOUS AREA: 14,200 SF
7. TOTAL EXISTING PARKING:133
TOTAL PROPOSED PARKING:164
8. TOTAL ACCESSIBLE PARKING: 9
VAN ACCESSIBLE PARKING: 2
9. NAVD83



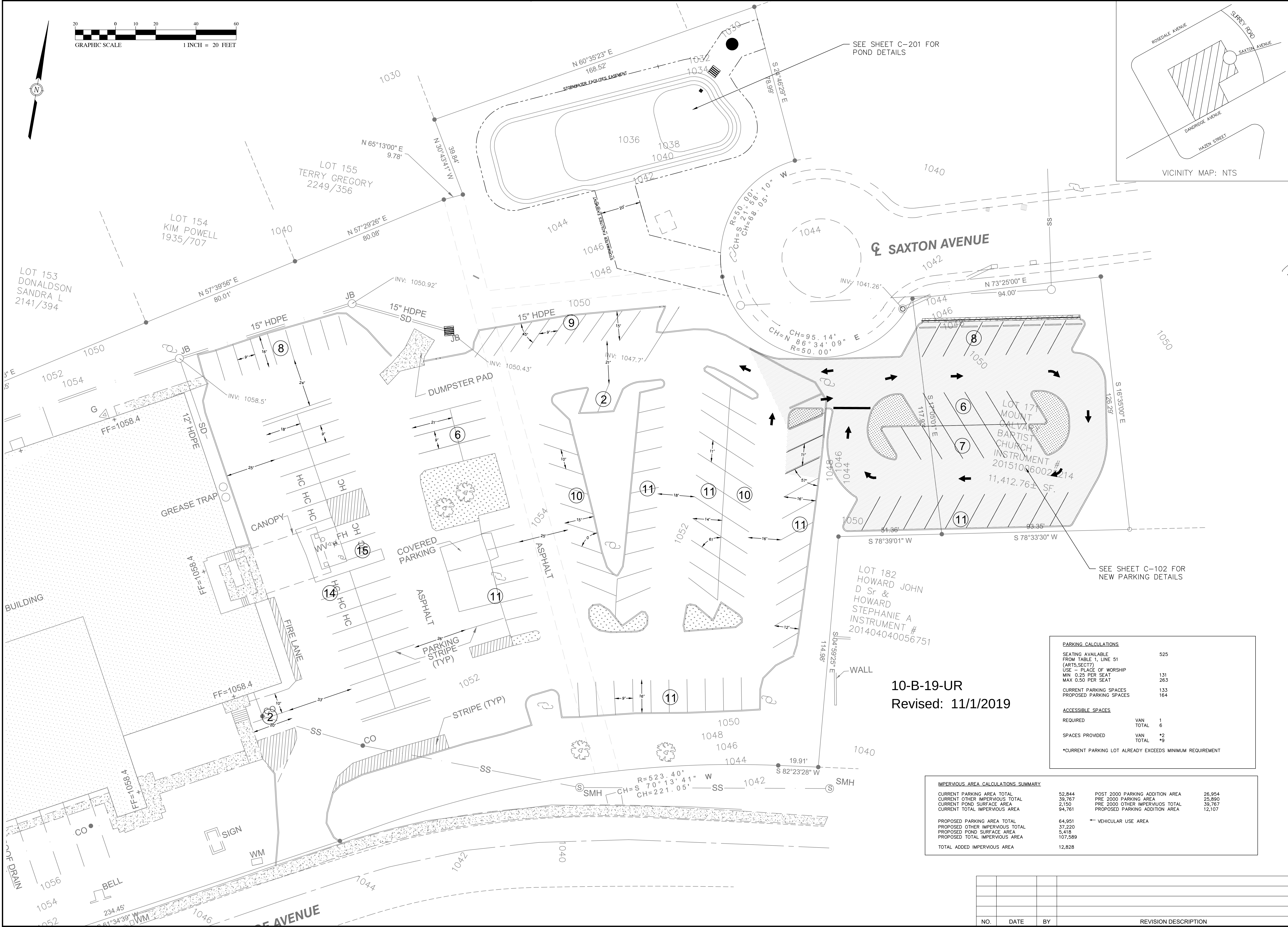
SCHEDULE OF DRAWINGS

- G-001 COVER SHEET
- G-002NOTES
- CD-101EXISTING CONDITIONS & DEMO
- C-101 LAYOUT PLAN
- C-102 NEW PARKING LAYOUT PLAN
- C-201 GRADING AND DRAINAGE PLAN
- C-301 EROSION AND SEDIMENT CONTROL PLAN
- C-401 LANDSCAPING PLAN
- C-501 DETAILS
- C-502 DETAILS

FILE#:
10-B-19-UR

Revised: 11/1/2019

L:\Knoxville\Projects\201717.06522.Mt. Calvary Baptist Church\Drawings\Design\Drawings\17.06522 - BaseRev.dwg 9/24/2019 11:57 AM BOONE HILLENBRAND

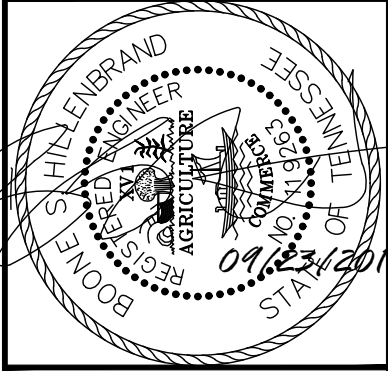


10-B-19-UR
Revised: 11/1/2019

PARKING CALCULATIONS		
SEATING AVAILABLE FROM TABLE 1, LINE 51 (ART5,SECT7)	525	
USE - PLACE OF WORSHIP		
MIN 0.25 PER SEAT	131	
MAX 0.50 PER SEAT	263	
CURRENT PARKING SPACES	133	
PROPOSED PARKING SPACES	164	
ACCESSIBLE SPACES		
REQUIRED		
VAN	1	
TOTAL	6	
SPACES PROVIDED		
VAN	*2	
TOTAL	*9	
*CURRENT PARKING LOT ALREADY EXCEEDS MINIMUM REQUIREMENT		

IMPERVIOUS AREA CALCULATIONS SUMMARY			
CURRENT PARKING AREA TOTAL	52,844	POST 2000 PARKING ADDITION AREA	26,954
CURRENT OTHER IMPERVIOUS TOTAL	39,767	PRE 2000 PARKING AREA	25,890
CURRENT POND SURFACE AREA	2,150	PRE 2000 OTHER IMPERVIOUS TOTAL	39,767
CURRENT TOTAL IMPERVIOUS AREA	94,761	PROPOSED PARKING ADDITION AREA	12,107
PROPOSED PARKING AREA TOTAL	64,951	VEHICULAR USE AREA	
PROPOSED OTHER IMPERVIOUS TOTAL	37,220		
PROPOSED POND SURFACE AREA	5,415		
PROPOSED TOTAL IMPERVIOUS AREA	107,589		
TOTAL ADDED IMPERVIOUS AREA	12,828		

NO.	DATE	BY	REVISION DESCRIPTION



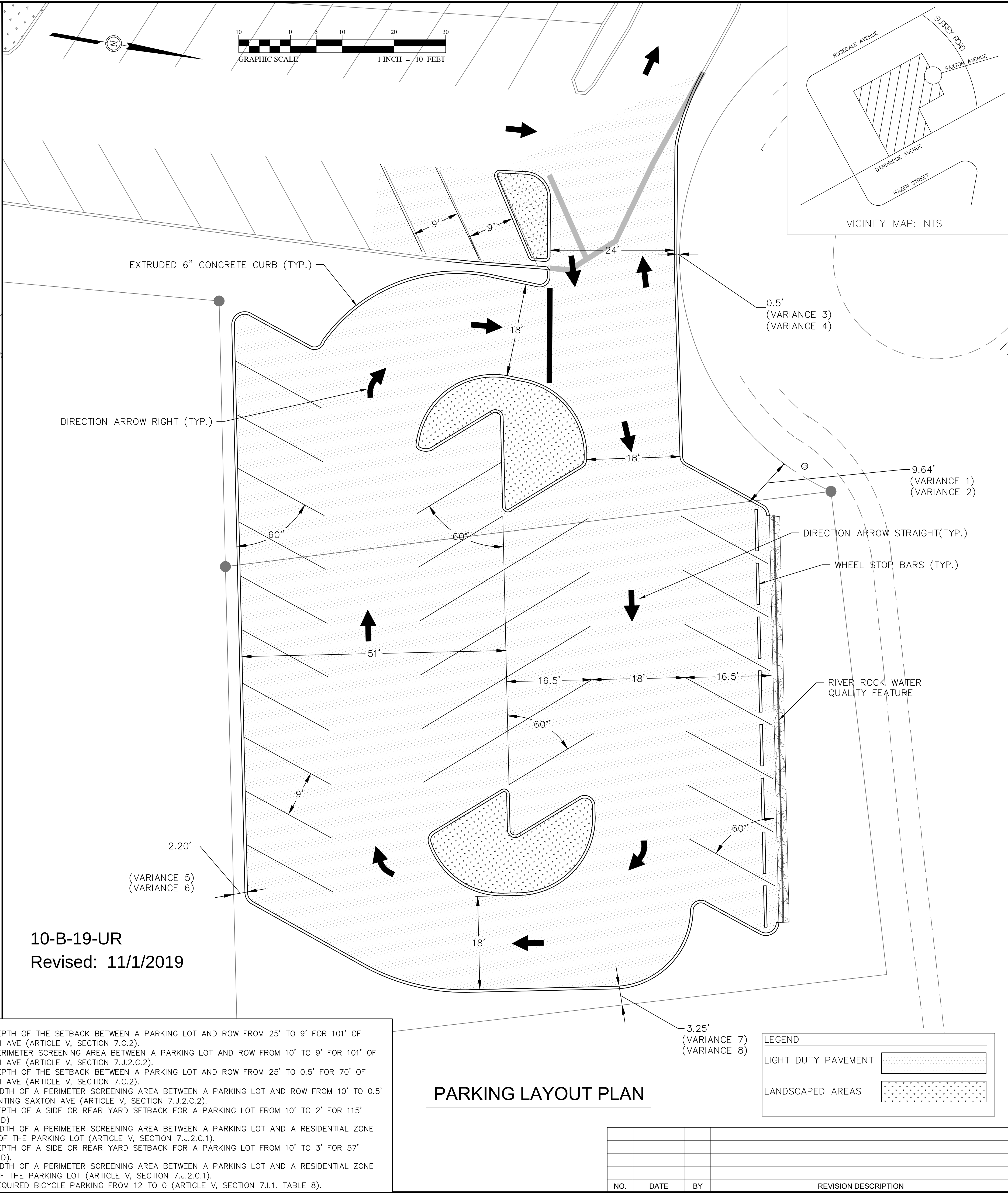
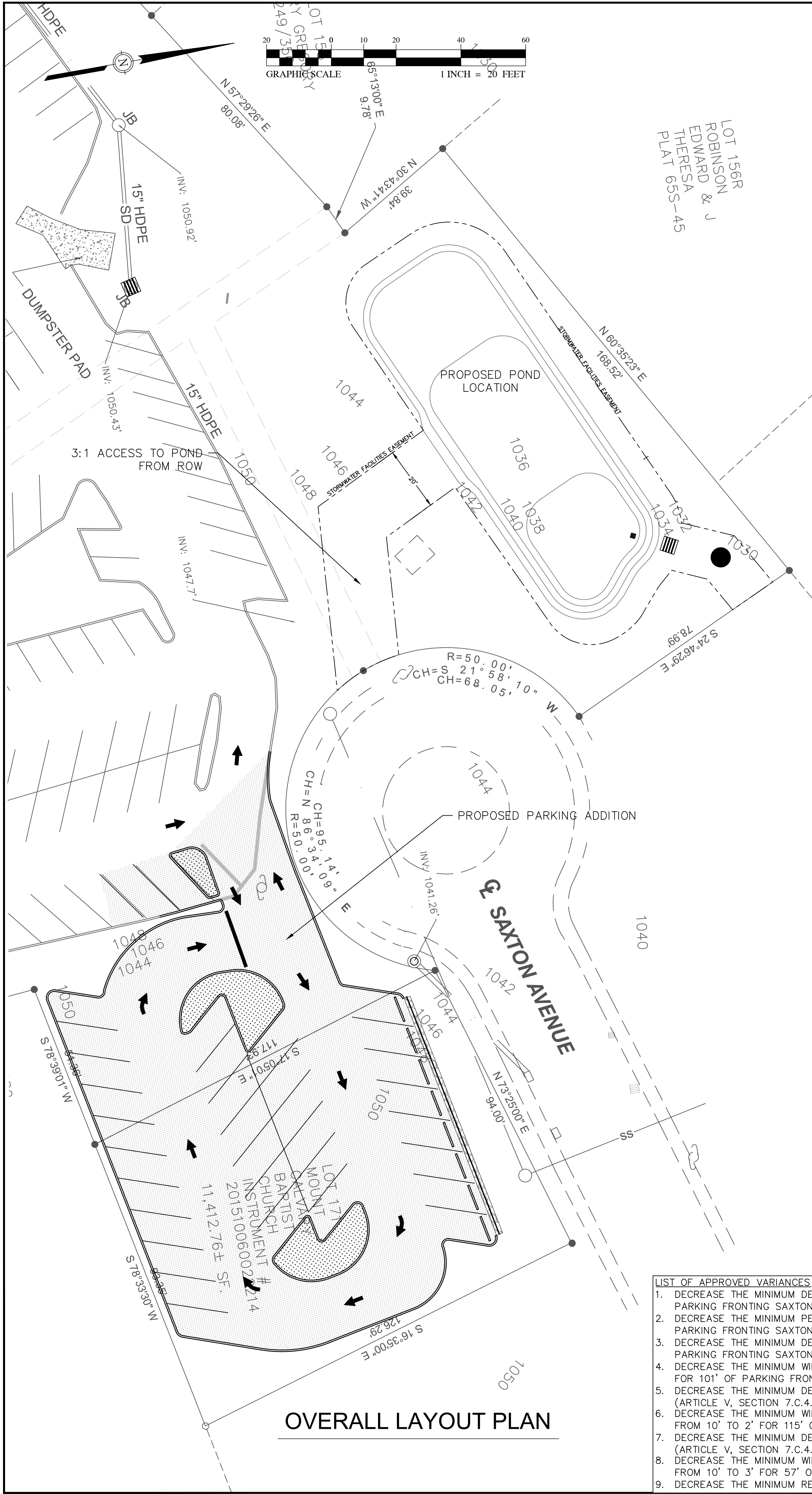
PARKING ADDITION FOR
MT. CALVARY BAPTIST CHURCH
CITY OF KNOXVILLE
KNOX COUNTY, TENNESSEE

JOB NO.: 17.06522
DATE: MARCH 2019
DESIGNED BY: BH
CADD BY: BH
CONST. REVIEW:
17.06522 - BaseRev.dwg

LAYOUT PLAN

SHEET
C-101

L:\Knoxville\Projects\201717.06522.Mt. Calvary Baptist Church\Drawings\Design\Drawings\17.06522 - BaseRev.dwg 9/24/2019 11:57 AM BOONE HILLENBRAND



McGill

ASOCIATES

ENGINEERING-PLANNING-FINANCE

2240 SUTHERLAND AVENUE, SUITE 2 KNOXVILLE, TN 37919 PH. (865) 540-0801

SEAL

09/23/2019

STAMP

PARKING ADDITION FOR

MT. CALVARY BAPTIST CHURCH

CITY OF KNOXVILLE

KNOX COUNTY, TENNESSEE

JOB NO.: 17.06522

DATE: MARCH 2019

DESIGNED BY: BH

CADD BY: BH

CONST. REVIEW:

17.06522 - BaseRev.dwg

NEW PARKING

LAYOUT PLAN

SHEET

C-102



- PROPOSED JB2
RIM: 1022.3
INV IN: 1019.9

TRASH RACK
18"x18" x18" REBAR CAGE
FILLED WITH RIP-RAP (2"
TO 3" STONE) PLACED AT
INLET OF PIPE. CAGE
SHALL BE BOLTED TO PIPE
WITH MEANS TO OPEN
CAGE FOR MAINTENANCE
REBAR TO BE SPACED AT
2" O.C.

TOB: 1033' -

POND BERM AND
EMERGENCY SPILLWAY

1032.5' —————

OUT
TRASH RACK



OUTLET STRUCTURE WEIR

GRATE: US FOUNDRY 6259

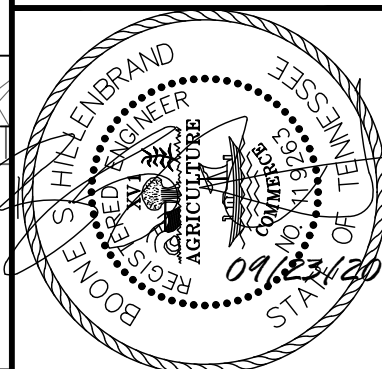


OUTLET STRUCTURE

10-B-19-UR
Revised: 11/1/2019

- APPROXIMATE SURVEY
BOUNDARY

NO.	DATE	BY	REVISION DESCRIPTION



PARKING ADDITION FOR

PARKING ADDITION FOR
MT. CALVARY BAPTIST CHURCH

KNOX COUNTY, TENNESSEE

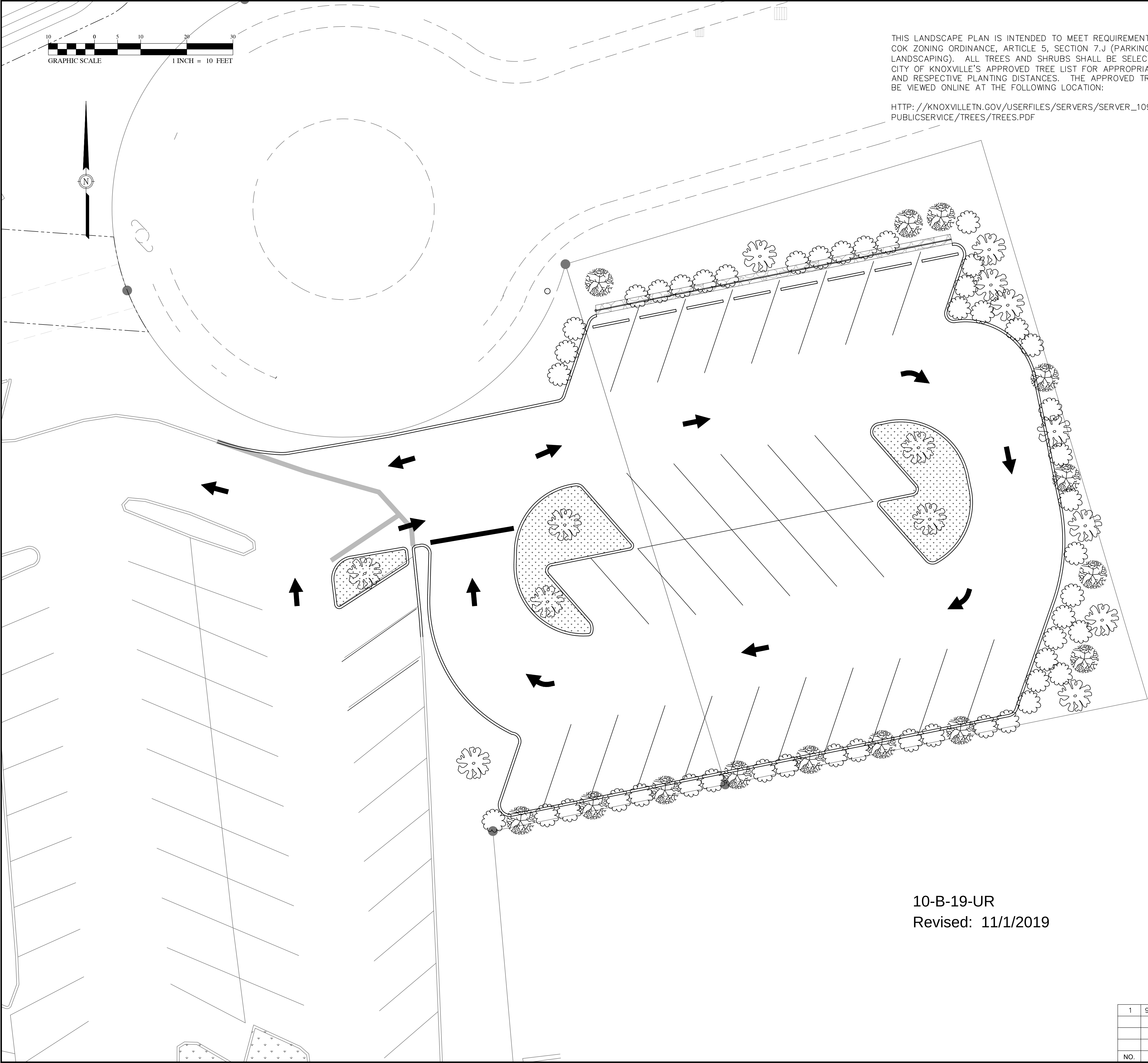
JOB NO.: 17.06522
 DATE: MARCH, 2019
 DESIGNED BY: BH
 CADD BY: BH
 DESIGN REVIEW: _____
 CONST. REVIEW: _____
 17.06522 - BaseRev.dwg

GRADING AND DRAINAGE PLAN

SHEET

C-201

L:\Knoxville\Projects\201717.06522 - Mt. Calvary Baptist Church\Drawings\Design\Drawings\17.06522 - BaseRev.dwg 9/24/2019 11:57 AM BOONE HILLENBRAND



THIS LANDSCAPE PLAN IS INTENDED TO MEET REQUIREMENTS SET BY COK ZONING ORDINANCE, ARTICLE 5, SECTION 7.J (PARKING LOT LANDSCAPING). ALL TREES AND SHRUBS SHALL BE SELECTED FROM THE CITY OF KNOXVILLE'S APPROVED TREE LIST FOR APPROPRIATE SPECIES AND RESPECTIVE PLANTING DISTANCES. THE APPROVED TREE LIST CAN BE VIEWED ONLINE AT THE FOLLOWING LOCATION:

HTTP: //KNOXVILLE.TN.GOV/USERFILES/SERVERS/SERVER_109478/FILE/PUBLICSERVICE/TREES/TREES.PDF

- PROJECT INFORMATION:
1. PROPERTY OWNER: MT. CALVARY BAPTIST CHURCH
PROJECT CONTACT: SHEILA WALTON
PROJECT CONTACT PH: 865-850-1820
 2. CITY BLOCK #: 12084
 3. CLT #: 095BL058, 038
 4. TOTAL SITE PROPERTY ACREAGE: 4 AC
 5. TOTAL DISTURBED AREA: 30,000 SF
 6. TOTAL ADDED IMPERVIOUS AREA: 14,200 SF
 7. TOTAL EXISTING PARKING: 133
TOTAL PROPOSED PARKING: 164
 8. TOTAL ACCESSIBLE PARKING: 9
VAN ACCESSIBLE PARKING: 2
 9. NAVD83

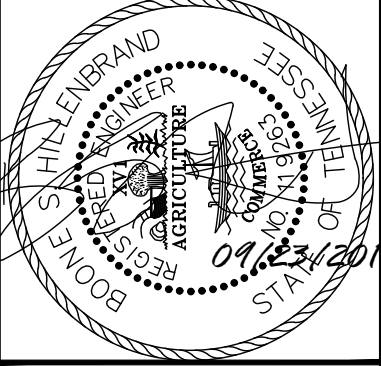
PLEASE NOTE: EXISTING STORM STRUCTURES SHALL NOT BE DEMO'D, ABANDONED, OR REMOVED UNTIL PROPOSED POND IS INSTALLED, STABILIZED, AND OPERATIONAL. EXISTING STORM SYSTEM MUST REMAIN OPERATIONAL UNTIL NEW FACILITIES ARE PROVIDED TO MANAGE STORMWATER RUNOFF.

- EVERGREEN TREE:
- DECIDUOUS TREE:
- SHRUB:

PLEASE NOTE: LANDSCAPING WILL COMPLY WITH ALL ASPECTS OF THE KNOXVILLE TREE PROTECTION ORDINANCE.

LANDSCAPING NOTES			
PERIMETER SCREENING CALCULATIONS:			
ALONG ROW (130')			
EVERG. OR DECID. TREES:	3 X 1.3 =	4	
SHRUBS (50% EVERGREEN):	10 X 1.3 =	14	
ALONG RESIDENTIAL ZONES (230')			
EVERGREEN TREES:	4 X 2.3 =	9	
DECIDUOUS TREES:	3 X 2.3 =	7	
SHRUBS (50% EVERGREEN):	14 X 2.3 =	33	
TOTAL TREE COUNT:			
EVERGREEN:	14	INCLUDES 5 TERMINAL ISLAND TREES	
DECIDUOUS:	14		
SHRUB:	47		

1	9/23/18	BH	REVISIONS TO LANDSCAPING PLAN PER COK ZONING COMMENTS
NO.	DATE	BY	REVISION DESCRIPTION



PARKING ADDITION FOR
MT. CALVARY BAPTIST CHURCH
CITY OF KNOXVILLE
KNOX COUNTY, TENNESSEE

JOB NO.: 17.06522
DATE: MARCH 2019
DESIGNED BY: BH
CADD BY: BH
DESIGN REVIEW: _____
CONST. REVIEW: _____
17.06522 - BaseRev.dwg

LANDSCAPE PLAN

SHEET
C-401