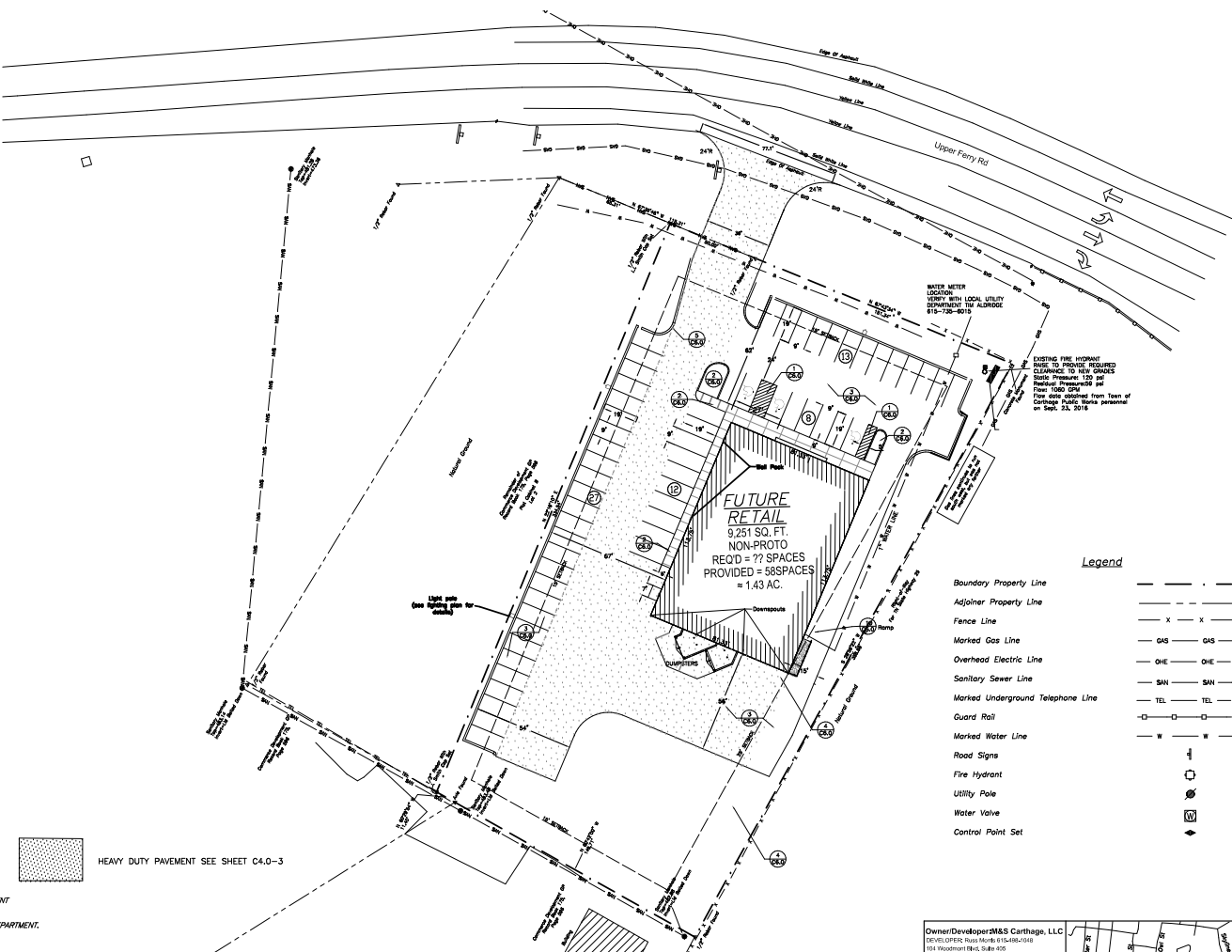


- GENERAL CONSTRUCTION NOTES**
- PROPERTY LINES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. GRADING, CLEARING AND THE ERECTION OR REMOVAL OF FENCES ALONG PROPERTY LINES SHALL BE FULLY COORDINATED WITH ADJACENT PROPERTY OWNERS BEFORE BEGINNING CONSTRUCTION.
 - VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE CITY CONSTRUCTION INSPECTION OFFICE & ENGINEER OF ANY VARIATIONS PRIOR TO COMMENCEMENT OF WORK.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
 - THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES PRIOR TO INITIATING CONSTRUCTION. SEE SPECIFIC NOTES, DRAWINGS, & DETAILS FOR MEASURES REQUIRED.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION.
 - ANY EXISTING ASPHALT PAVEMENT, PRIVACY FENCES AND WALLS, CONCRETE CURBS, OR SIDEWALKS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ANY TRENCH STABILIZATION REQUIRED BY OSHA CONSTRUCTION STANDARD FOR EXCAVATIONS, 29 CFR PART 1926, SUBPART F.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION RELATED SURVEYING, INCLUDING ALL LAYOUT AND GRADE STAKING. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR GEOTECHNICAL TESTING.
 - THE CONTRACTOR SHALL NOTIFY THE CITY OF CARTHAGE, TN A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
 - ALL FILL SOILS SHALL BE COMPACTED TO A MINIMUM OF 95% PROCTOR DENSITY (ASTM D-98) WITHIN 3% OF OPTIMUM MOISTURE CONTENT IN LIFTS NOT TO EXCEED EIGHT (8) INCHES OF COMPACTED THICKNESS.
 - ALL NEWLY CUT OR FILLED AREAS, LACKING ADEQUATE VEGETATION, SHALL BE SEEDED, MULCHED WITHIN 14 DAYS OF COMPLETION AND OR COVERED AS REQUIRED TO EFFECTIVE CONTROL SOIL EROSION.
 - THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND NOT NECESSARILY ALL OF SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES IN WRITING WITHIN 14 DAYS OF THE BOUNDARIES OF THE PROJECT PRIOR TO THE INITIATION OF ANY CONSTRUCTION ON THE PROJECT OR IN THE STREETS BORDERING THE PROJECT. THE CONTRACTOR SHALL BE ASSUMING FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION PERMITS, WHETHER SHOWN ON THE CONSTRUCTION PLANS OR NOT DURING WORK ON THE PROJECT. FOR SITE LOCATION OF EXISTING UTILITIES CALL KY ONE CALL AT 811.
 - ALL GRADING WORK SHALL BE PERFORMED IN SUCH A MANNER THAT ADJACENT PROPERTIES ARE NOT DAMAGED OR ADVERSELY AFFECTED.
 - EXISTING SITE CONDITIONS AND TOPOGRAPHY SHOWN ON THIS PLAN ARE TAKEN FROM A FIELD RUN TOPOGRAPHIC SURVEY BY U. SMITH INC.

- GENERAL UTILITY NOTES**
- EXISTING UTILITY LINES SHOWN ARE APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LINE LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.
 - THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
 - THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES, PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.
 - THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO LOCATION AND SCHEDULING OF TIE-INS/CONNECTIONS TO THEIR FACILITIES.
 - ALL UNDERGROUND UTILITIES (WATER, SEWER, STORM SEWER, ELECTRICAL CONDUIT, IRRIGATION SLEEVES AND ANY OTHER MISCELLANEOUS), SHALL BE IN-PLACE PRIOR TO THE PLACEMENT OF BASE COURSE MATERIAL.
 - LOCATION OF SITE UTILITIES SHALL BE VERIFIED WITH PROPER UTILITY COMPANY PROVIDING SERVICE.
 - UTILITY CONTRACTOR WILL BE RESPONSIBLE FOR ALL TAP AND TIE ON FEES REQUIRED, AS WELL AS COST OF UNDERGROUND SERVICE CONNECTIONS TO THE LOTS.
 - THE CONTRACTOR SHALL PROVIDE A SUITABLE OFFICE NEAR THE SITE FOR HIS USE AND AT WHICH COPIES OF THE SPECIFICATIONS AND DRAWINGS SHALL BE KEPT. THE CONTRACTOR SHALL ALSO DESIGNATE TO THE OWNER A PERSON TO BE NOTIFIED IN CASE OF EMERGENCIES OTHER THAN DURING WORKING HOURS AND ON HOLIDAYS AND WEEKENDS.
 - STREETS SHALL BE GRADED TO SUBGRADE BEFORE WATER LINES AND SANITARY SEWERS ARE INSTALLED.
 - THE OWNER/DEVELOPER FOR BUDGET PURPOSES, SHOULD CHECK WITH THE CARTHAGE, TN UTILITY DEPARTMENT FOR CONNECTION FEES WHICH MAY BE SUBSTANTIAL.
 - CONTRACTORS FOR WATER AND SEWER WORK MUST BE APPROVED BY THE CITY OF CARTHAGE, TN UTILITY DEPARTMENT.
 - IN TENNESSEE IT IS A REQUIREMENT PER THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOW UTILITY OWNERS, NO LESS THAN THREE (3) WORKING DAYS PRIOR TO THEIR INTENDED EXCAVATION. A LIST OF THESE UTILITY OWNERS MAY BE OBTAINED FROM THE COUNTY REGISTER OF DEEDS. THOSE UTILITY OWNERS WHO PARTICIPATE IN THE TENNESSEE ONE CALL SYSTEM CAN BE NOTIFIED TOLL FREE AT 811.



Legend

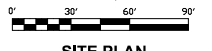
Boundary Property Line	---
Adjoiner Property Line	- - - - -
Fence Line	- X - X -
Marked Gas Line	- GAS - GAS -
Overhead Electric Line	- OHE - OHE -
Sanitary Sewer Line	- SAN - SAN -
Marked Underground Telephone Line	- TEL - TEL -
Guard Rail	- - - - -
Marked Water Line	- W - W -
Road Signs	(Symbol)
Fire Hydrant	(Symbol)
Utility Pole	(Symbol)
Water Valve	(Symbol)
Control Point Set	(Symbol)

HEAVY DUTY PAVEMENT SEE SHEET C4.0-3

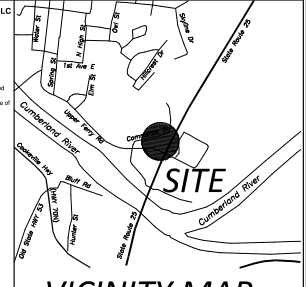
Site lighting Note: site lighting shown on this plan is for reference only. See lighting plan for fixture type. Locations shown are for reference only. Actual installed locations should be closely coordinated with General Contractor and actual onsite conditions. The engineer bears no responsibility arising from placement of the site lights based on this site plan.

Backflow Preventer Note: Backflow prevention device will be located in the employee area adjacent to the mop sink. See P101

THE SITE AS SHOWN ON THESE CONSTRUCTION DRAWINGS IS INTENDED TO ACHIEVE SPECIFIC ENGINEERING DESIGN CRITERIA AND OBJECTIVES. IT IS THE SOLE RESPONSIBILITY OF THE OWNER/DEVELOPER TO ENSURE THAT THE CONSTRUCTION OF THE SITE SHOWN ON THESE CONSTRUCTION DRAWINGS IS IN TOTAL ACCORDANCE WITH THE DESIGN AS NOTED, DESCRIBED, AND ILLUSTRATED. THE ENGINEER ASSUMES NO RESPONSIBILITY IN THE ASSURANCE THAT THE SITE IS CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS.



SITE PLAN
SCALE 1"=30'



VICINITY MAP

Owner/Developer: M&S Carthage, LLC
DEVELOPER: Russ Mays 615-646-0518
165 Woodmont Blvd, Suite 405
Nashville, TN 37203

Land Data:
2018-04-04
Area: 1.43 Ac. +/-

Floodplain Note:
As per FEMA Flood Map 1514-01-01, Zone AE, base flood elevations considered per FEMA map. The map number is 1514010101. Issued on 08/11/2010. Flood zone B1 is defined from the 100-year flood map.

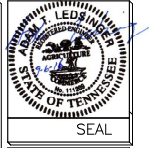
Total Floor Area:
Proposed Total 9,250 SF

Yard Requirements:
Front 20'
Rear 10'
Side 10'

Deed References:
Book 16, Page 586
Map 54, Parcel 502.04
Map 54, Parcel 502.04

Intended Uses:
Retail

Parking Requirements:
300/500 sq ft/spot
Req'd: 58/67 Spaces
Provided: 58 Spaces (2 Handicap)



PROJECT
9,250 SQ. FT. RETAIL BUILDING
942 UPPER FERRY RD., CARTHAGE, TN

REVISION DATES

SEPT. 29, 2016
OCT. 12, 2016
SEPT. 2, 2016

DATE
SEPT. 2, 2016

SHEET
C-1.0 of 7

JOB No.

GRADING AND DRAINAGE NOTES

1. THE SITE WORK CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDERGROUND UTILITIES (WATER, SANITARY, SEWER, STORM SEWER, ELECTRICAL, SLODOUT, IRRIGATION SLEEVES, AND ANY OTHER MISCELLANEOUS UNDERGROUND UTILITIES, DEVICES, OR STRUCTURES), SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL.
2. THE CONTRACTOR SHALL CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE SMOOTH FIT AND CONTIGUOUS GRADE.
3. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES AND ALL UTILITIES PRIOR TO CONSTRUCTION.
4. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATION.
5. ANY GRADED OR DISTURBED AREAS SHALL HAVE 4 INCHES OF TOPSOIL, SEED, MULCH, FERTILIZER AND WATER APPLIED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. THE RESTORATION SHALL CLOSELY FOLLOW CONSTRUCTION.
6. THE EXISTING SOIL MATERIAL HEREON MAY BE DISTURBED BY CUTTING OR FILLING OPERATIONS PERFORMED DURING OR BEFORE DEVELOPMENT. THEREFORE, THE BUILDER OR DEVELOPER OF ANY PROPOSED STRUCTURE SHALL INVESTIGATE THE CURRENT CONDITIONS AND CONSULT WITH A GEOTECHNICAL EXPERT OR OTHER QUALIFIED PERSON AS HE DEEMS APPROPRIATE TO ASSURE HIMSELF THAT THE DESIGN OF THE PROPOSED FOUNDATION IS ADEQUATE.
7. A PORTION OF THIS SITE LIES WITHIN ZONE AE, IN THE 100 YR FLOODPLAIN, PER FEMA MAP FROM MAP NUMBER AT/18000000, BEARING A MAX EFFECTIVE DATE: SEPT. 29, 2010.
8. A SEPARATE R.O.W. PERMIT ISSUED BY THE CITY OF CARTHAGE AND TDOT WILL BE REQUIRED FOR EXCAVATION AND CONSTRUCTION IN THE PUBLIC R.O.W.
9. HANDICAP PARKING SPACES AND ACCESSIBLE ROUTES SHALL BE CONSTRUCTED AND SLOPED IN ACCORDANCE WITH ALL PROVISIONS OF THE ADA.
10. IN TENNESSEE IT IS A REQUIREMENT FOR THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UTILITY OWNERS, NO LESS THAN THREE AND NO MORE THAN TEN WORKING DAYS PRIOR TO THEIR INTENDED EXCAVATION. A LIST OF THESE UTILITY OWNERS MAY BE OBTAINED FROM THE COUNTY REGISTER OF DEEDS. THOSE UTILITY OWNERS WHO PARTICIPATE IN THE TENNESSEE ONE CALL SYSTEM CAN BE NOTIFIED TOLL FREE AT 811.

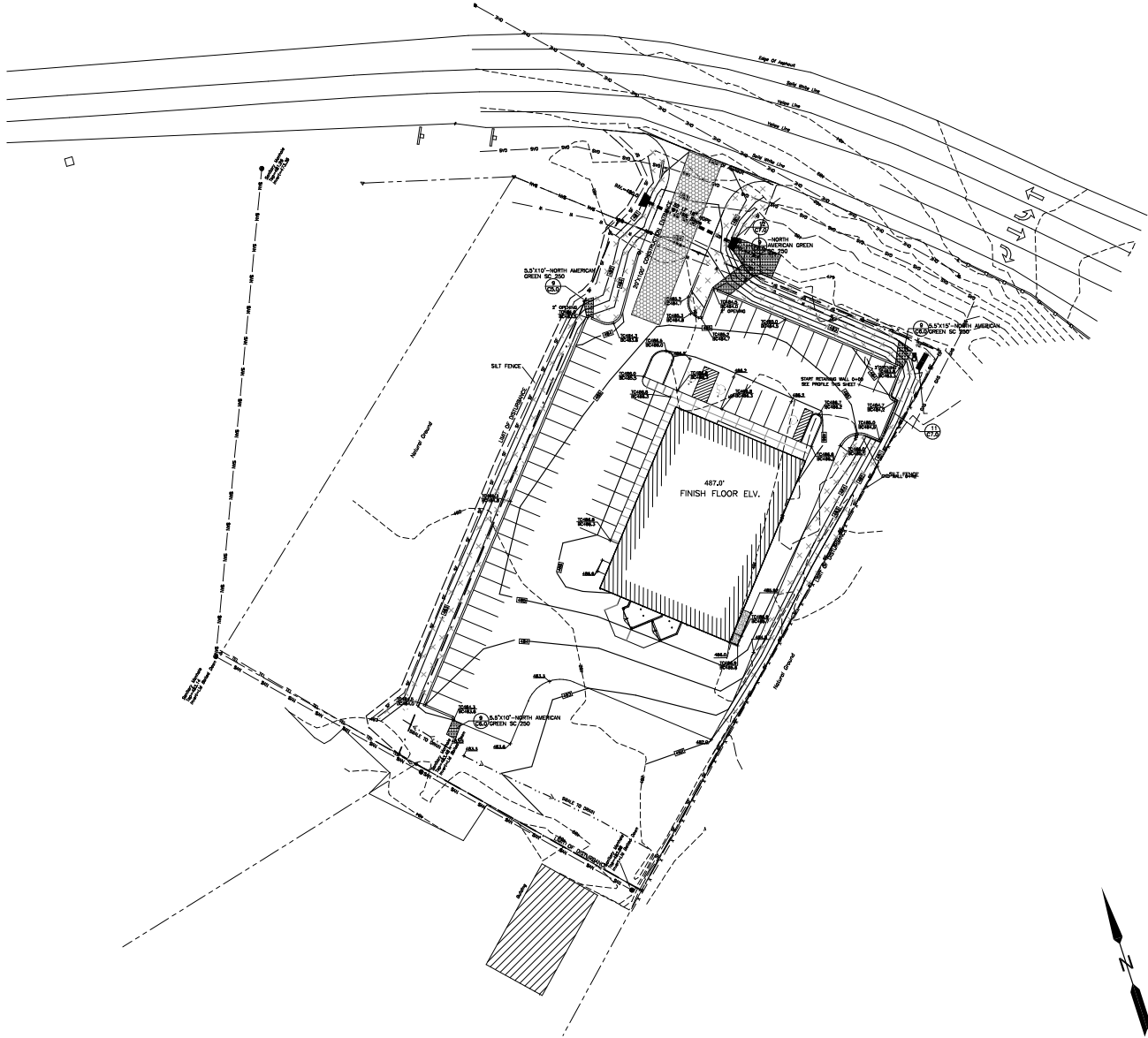
GENERAL EROSION CONTROL NOTES

1. ALL NEWLY CUT OR FILL AREAS LACKING ADEQUATE VEGETATION SHALL BE FERTILIZED, MULCHED, AND SEEDED, AND /OR SODDEN TO EFFECTIVELY CONTROL SOIL EROSION.
2. A SPECIFIC INDIVIDUAL SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
3. A COPY OF THE EROSION CONTROL PLAN MUST BE AVAILABLE ON SITE FOR THE DWPC INSPECTOR ON REQUEST. SEE SUGGESTED LOCATION ON PLAN.
4. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE ANY EARTH MOVING OPERATION BEGINS, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REPLACED AT THE END OF THE WORK DAY, OR PRIOR TO RAINFALL EVENTS.
5. ALL CONTROL MEASURES SHALL BE CHECKED TWICE WEEKLY NO GREATER THAN 72 HOURS APART AND SHALL MAINTAIN 50% OF ITS DESIGN CAPACITY AT ALL TIMES.
6. ALL EXCAVATING AND CLEARING SHALL BE COORDINATED TO PREVENT ANY SURFACE FROM REMAINING UNCOVERED FOR MORE THAN 15 DAYS, GRAVEL SHALL NOT BE CONSIDERED AS COVER.
7. ALL STRUCTURES AND PRACTICES SHALL BE BUILT OR PERFORMED AS PER THE TDEC EROSION AND SEDIMENT CONTROL HANDBOOK.
8. ALL AREAS USED TO TEMPORARILY STORE TOPSOIL, OR OTHER ERODABLE MATERIAL SHALL BE PROTECTED FROM EROSION ACCORDING TO THE DETAIL ON THIS PLAN. IF THESE AREAS ARE TO REMAIN IN PLACE FOR LONGER THAN 15 DAYS THEY SHOULD BE SEEDDED AND MULCHED TO ESTABLISH GOOD GROUND COVER.
9. ALL DITCHES ON THE PROJECT SHOULD BE STABILIZED WITH SEED AND MULCH OR EROSION CONTROL MATTING AS SOON AS FINAL GRADING OPERATIONS HAVE CEASED.

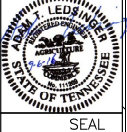
EROSION CONTROL NOTES

1. THE SITE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SUITABLE EROSION AND SEDIMENT CONTROL DEVICES ON-SITE DURING CONSTRUCTION AS REQUIRED TO PREVENT SILT FROM LEAVING SITE. SILT WILL NOT BE ALLOWED BEYOND CONSTRUCTION LIMITS.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING EXCESS SILT FROM SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AT THE COMPLETION OF CONSTRUCTION.
3. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING OUT ALL STORM DRAINAGE STRUCTURES, INCLUDING FLUMES, PIPES, ETC., PRIOR TO COMPLETION OF THIS PROJECT.
4. EROSION CONTROL SHALL BE PROVIDED FOR ALL CUT AND FILL OPERATIONS WITHIN THE LIMITS OF THE CONSTRUCTION SITE, THROUGHOUT THE CONSTRUCTION PERIOD TO PROVIDE THE SITE WITH THE MAXIMUM PROTECTION FROM EROSION AT ALL TIMES.
5. EROSION CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO ANY GRADING ON-SITE AND ARE TO BE MAINTAINED IN PLACE UNTIL STABILIZATION OF ERODABLE SOILS HAS BEEN ACCOMPLISHED.

THE SITE AS SHOWN ON THESE CONSTRUCTION DRAWINGS IS INTENDED TO ACHIEVE SPECIFIC ENGINEERING DESIGN CRITERIA AND OBJECTIVES. IT IS THE SOLE RESPONSIBILITY OF THE OWNER/DEVELOPER TO ENSURE THAT THE CONSTRUCTION OF THE SITE SHOWN ON THESE CONSTRUCTION DRAWINGS IS IN TOTAL ACCORDANCE WITH THE DESIGN AS NOTED, DESCRIBED, AND ILLUSTRATED. THE ENGINEER ASSUMES NO RESPONSIBILITY IN THE ASSURANCE THAT THE SITE IS CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS.



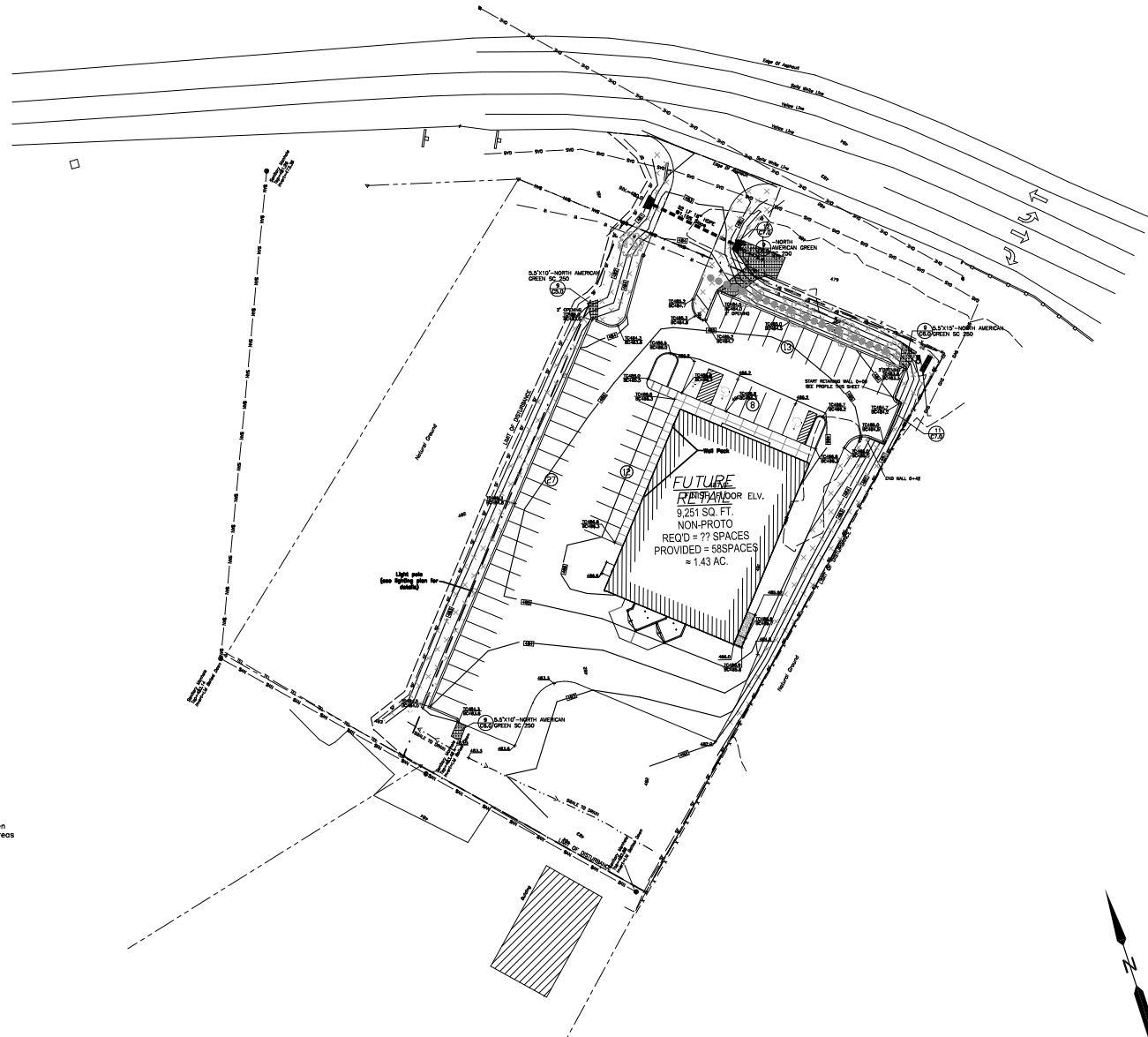
GRADING AND DRAINAGE PLAN
SCALE 1"=30'




MBCIVIL
ENGINEERING, LLC
P.O. BOX 601 789 TIMBER RIDGE DR. LEANING ROCK, TN 37087
615.271.6158 mbcivil@mbcivil.com

PROJECT
GRADING AND EROSION CONTROL
9,250 SQ. FT. RETAIL BUILDING
942 UPPER FERRY RD., CARTHAGE, TN

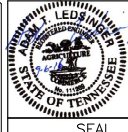
REVISION DATES	SEPT. 29, 2016
DATE	OCT. 12, 2016
SHEET	SEPT. 1, 2016
SHEET	C-3.0 OF 7
DRAWN BY	




 Areas to be stabilized with seed and North American Green S150 or equivalent matting or Sod. Remaining project areas to be stabilized with Seed and mulch.

THE SITE AS SHOWN ON THESE CONSTRUCTION DRAWINGS IS INTENDED TO ACHIEVE SPECIFIC ENGINEERING DESIGN CRITERIA AND OBJECTIVES. IT IS THE SOLE RESPONSIBILITY OF THE OWNER/DEVELOPER TO ENSURE THAT THE CONSTRUCTION OF THE SITE SHOWN ON THESE CONSTRUCTION DRAWINGS IS IN TOTAL ACCORDANCE WITH THE DESIGN AS NOTED, DESCRIBED, AND ILLUSTRATED. THE ENGINEER ASSUMES NO RESPONSIBILITY IN THE ASSURANCE THAT THE SITE IS CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS.

FINAL STABILIZATION PLAN
 SCALE 1"=30'

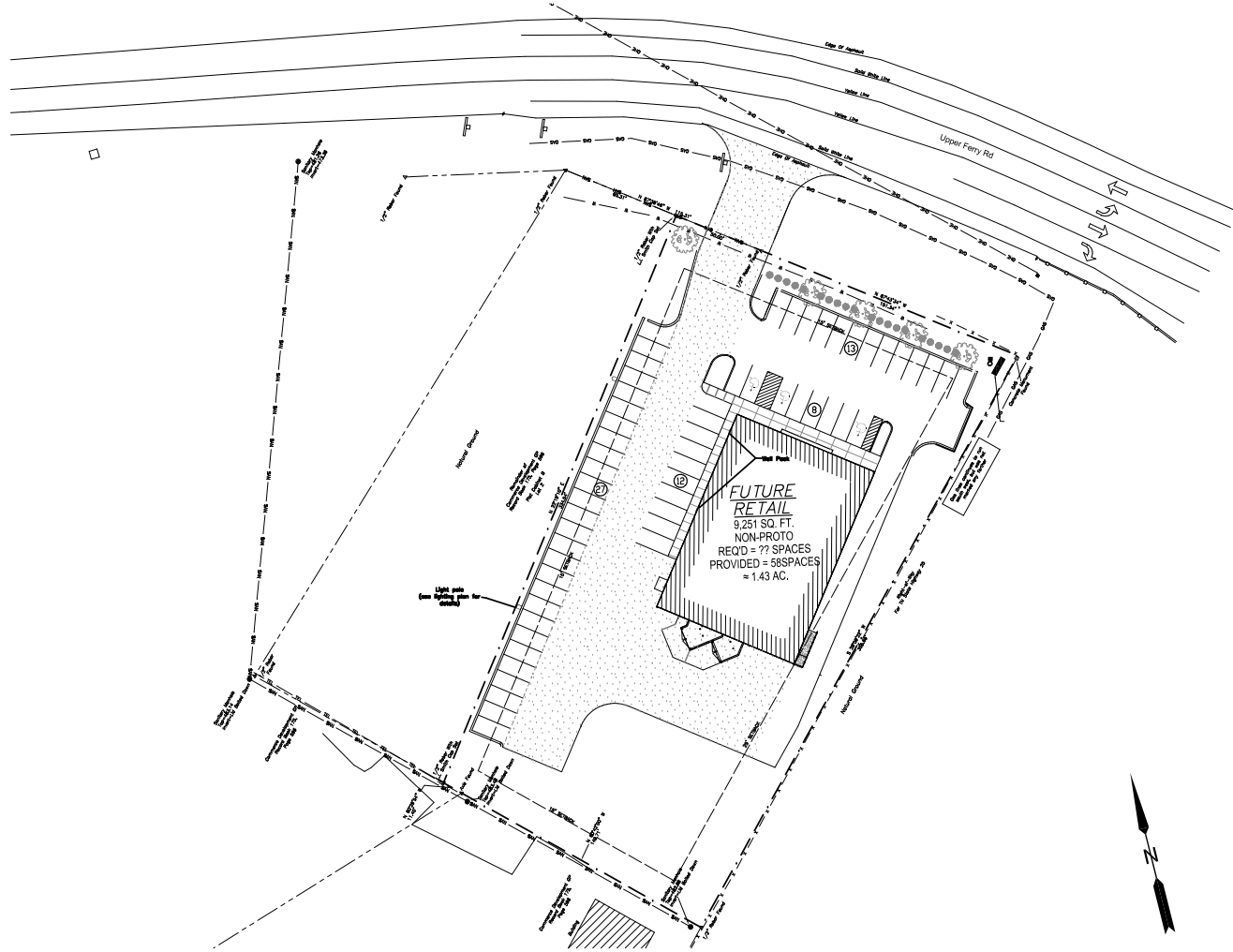


FINAL STABILIZATION PLAN
9,250 SQ. FT. RETAIL BUILDING
 942 UPPER FERRY RD., CARTHAGE, TN

PROJECT	REVISION DATES
	SEPT. 29, 2016
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	7
DRAWN BY	

Symbol	Common Name	Botanical Name	Spacing	Size	Quantity
	Leyland Cypress	Cupressus x leylandii	30' o.c.	3 gal.	5
	Dwarf Yaupon Holly	Ilex vomitoria 'Nana'	5' o.c.	1 gal.	20

Planting note: Contractor may substitute an equivalent ornamental tree.



THE SITE AS SHOWN ON THESE CONSTRUCTION DRAWINGS IS INTENDED TO ACHIEVE SPECIFIC ENGINEERING DESIGN CRITERIA AND OBJECTIVES. IT IS THE SOLE RESPONSIBILITY OF THE OWNER/DEVELOPER TO ENSURE THAT THE CONSTRUCTION OF THE SITE SHOWN ON THESE CONSTRUCTION DRAWINGS IS IN TOTAL ACCORDANCE WITH THE DESIGN AS NOTED, DESCRIBED, AND ILLUSTRATED. THE ENGINEER ASSUMES NO RESPONSIBILITY IN THE ASSURANCE THAT THE SITE IS CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS.

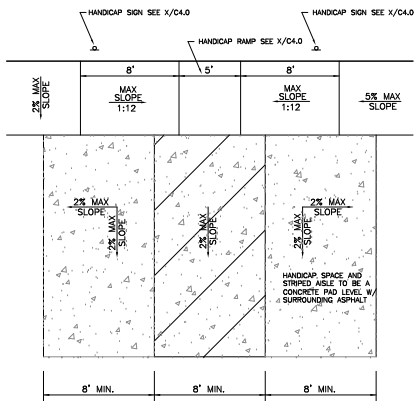
Landscaping Planting Plan
SCALE 1"=30'



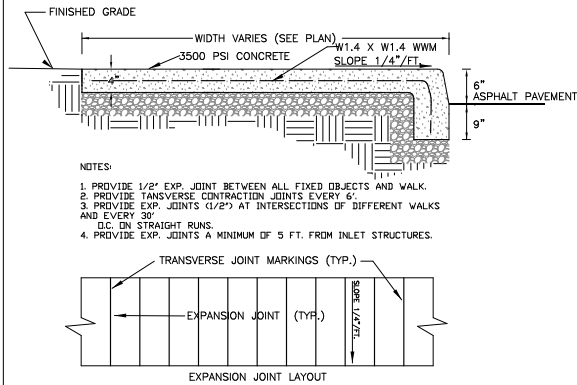
FINAL STABILIZATION PLAN
9,250 SQ. FT. RETAIL BUILDING
942 UPPER FERRY RD. CARTHAGE, TN

PROJECT	
REVISION DATES	
DATE	OCT. 12, 2016
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JOB NO.	7

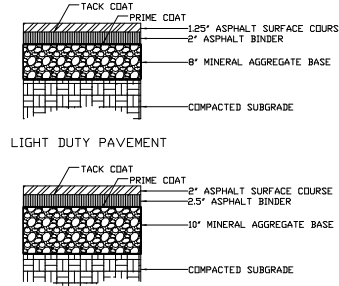
Cupressus x leylandii



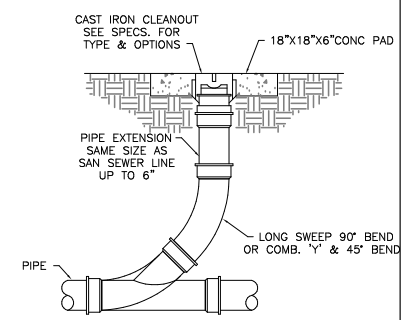
1 HANDICAP PARKING SPACE DETAIL
N.T.S.



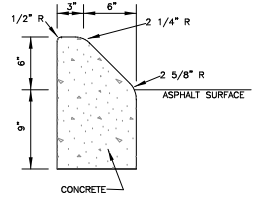
2 CONCRETE SIDEWALK WITH TURNDOWN CURB
N.T.S.



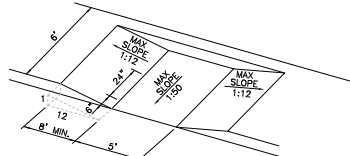
3 TYPICAL PAVEMENT SECTIONS
N.T.S.



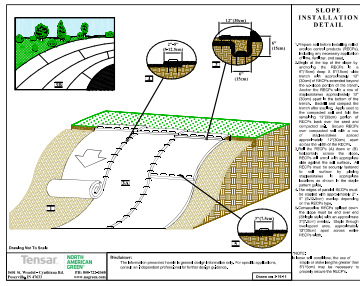
4 EXTERIOR CLEANOUT DETAIL
N.T.S.



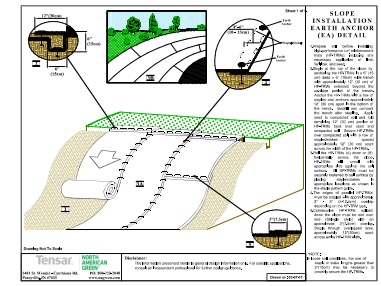
5 6" MOUNTABLE DETACHED CURB DETAIL
N.T.S.



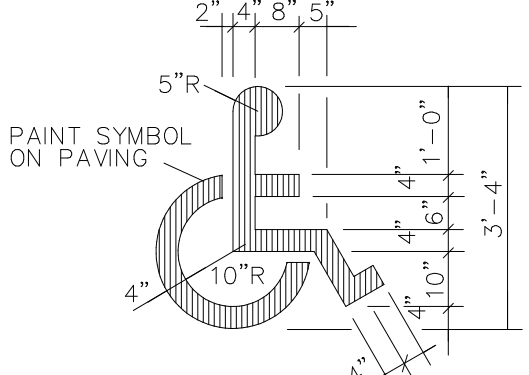
6 HANDICAP RAMP DETAIL
N.T.S.



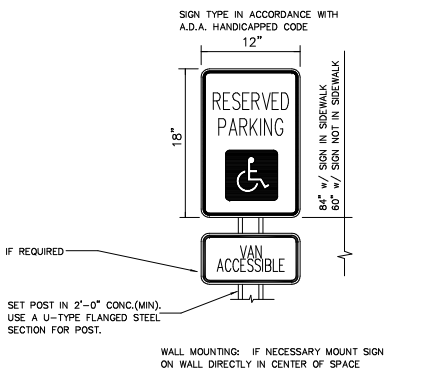
9 SLOPE INSTALLATION DETAIL
N.T.S.



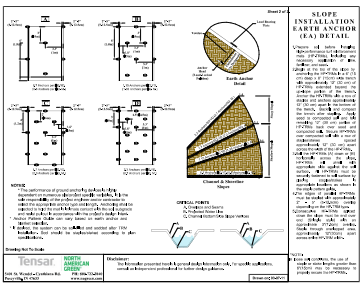
9 EARTH ANCHOR INSTALLATION DETAIL
N.T.S.



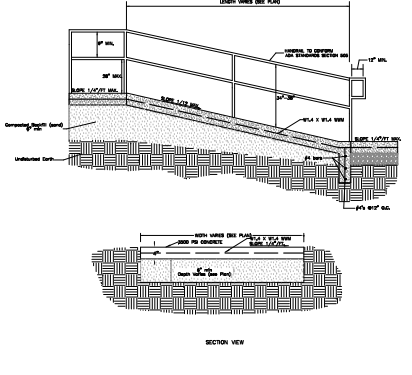
7 HANDICAP PARKING SYMBOL
N.T.S.



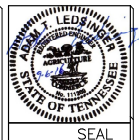
8 HANDICAP SIGN DETAIL
N.T.S.



9 EARTH ANCHOR INSTALLATION DETAIL
N.T.S.



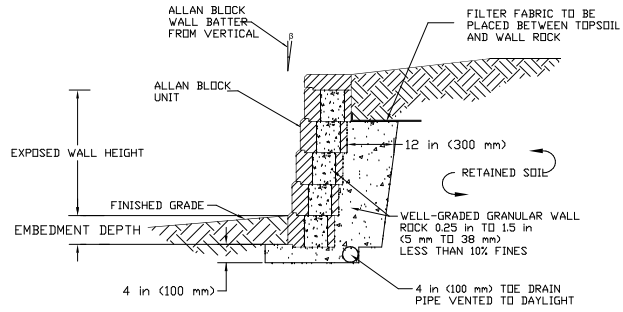
10 CONCRETE RAMP
N.T.S.



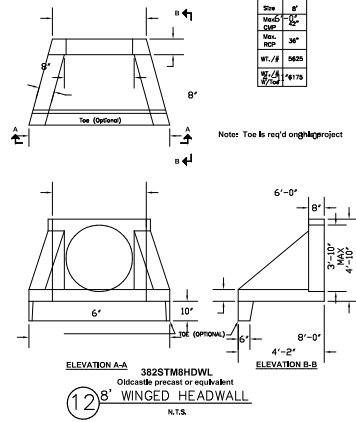
MBO CIVIL
ENGINEERING, L.L.C.
P.O. BOX 601 750 TRAVEL RIDGE DR. LEADWATER, TN 38457
VOICE: 731-451-6466

CIVIL DETAILS
9,250 SQ. FT. RETAIL BUILDING
942 UPPER FERRY RD. CARTHAGE, TN

PROJECT
REVISION DATES
SEPT. 29, 2016
DATE
OCT. 12, 2016
SEPT. 2, 2016
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APP. NO.

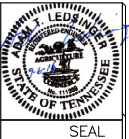


11 Typical Gravity Wall
N.T.S.



12 8' WINGED HEADWALL
N.T.S.

DETAILS 2
NO SCALE



CIVIL DETAILS 2
9,250 SQ. FT. RETAIL BUILDING
942 UPPER FERRY RD. CARTHAGE, TN

PROJECT	
REVISION DATES	
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