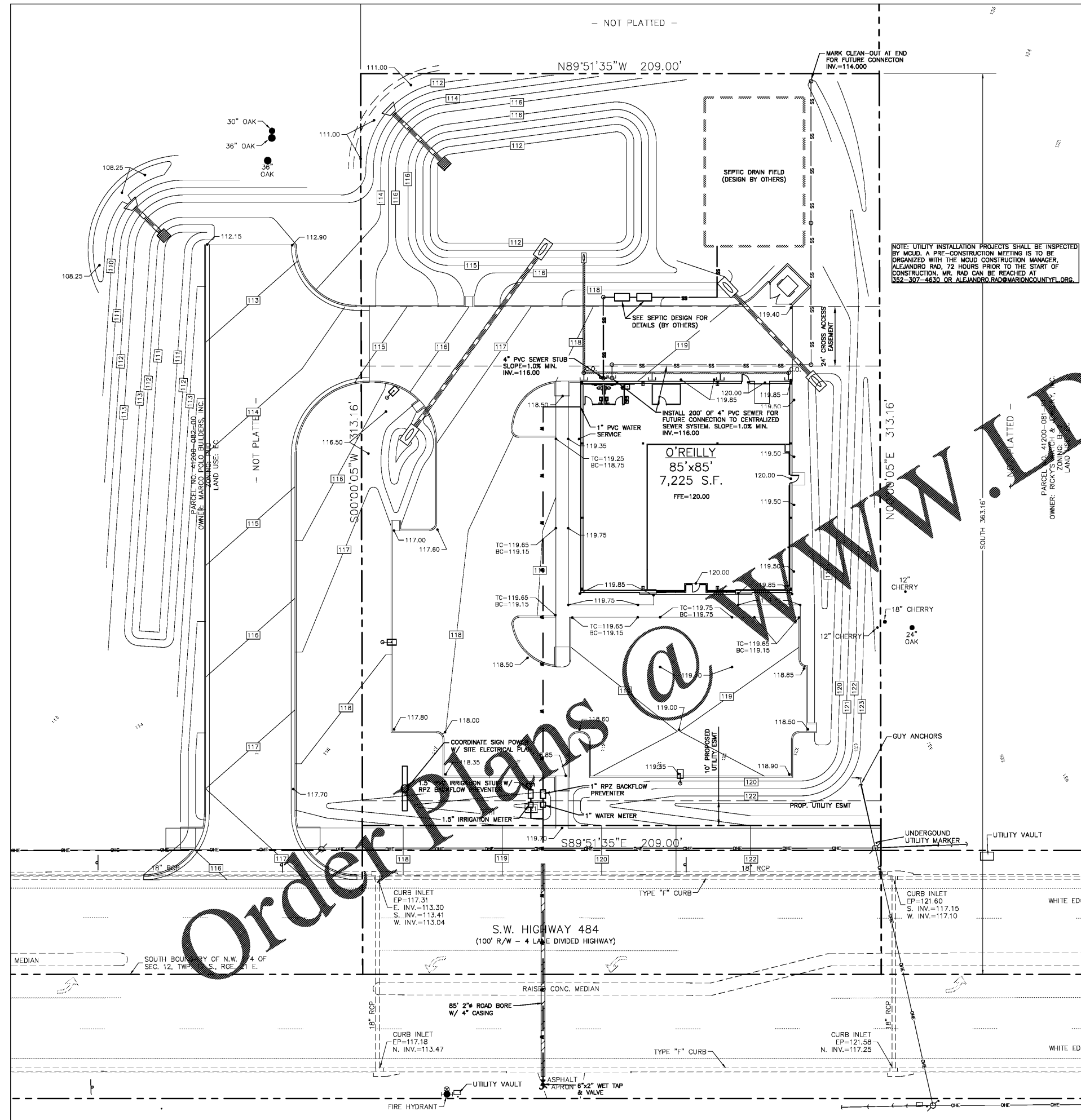


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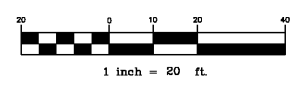
SITE UTILITY NOTES

1. THE SITE UTILITY PLAN IS FOR SANITARY SEWER AND WATER LINE CONSTRUCTION ONLY. DO NOT USE FOR GRADING OR STORM SEWER CONSTRUCTION.
  2. ALL PIPE LENGTHS ARE HORIZONTAL DISTANCES AND ARE APPROXIMATE.
  3. ALL DOMESTIC WATER AND SANITARY SEWER STUBS TO BE TERMINATED 5 FEET OUTSIDE OF THE BUILDING UNLESS OTHERWISE NOTED. THE END OF THESE SERVICE LINES SHALL BE TIGHTLY PLUGGED OR CAPPED AND MARKED UNTIL SUCH TIME AS CONNECTION IS MADE INSIDE BUILDING BY PLUMBING CONTRACTOR.
  4. SITE UTILITY CONTRACTOR SHALL PROVIDE ALL THE MATERIALS AND APPURTENANCES NECESSARY FOR THE COMPLETE INSTALLATION OF THE UTILITIES. ALL PIPE AND FITTINGS SHALL BE INSPECTED BY THE WATER DEPARTMENT INSPECTOR PRIOR TO BEING COVERED. THE INSPECTOR MUST ALSO BE PRESENT DURING PRESSURE TESTING AND DISINFECTION OF LATERALS AND HIS SIGNATURE OF APPROVAL IS REQUIRED.
  5. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS, AND/OR LOCAL STANDARDS IMPOSED BY LOCAL UTILITY, AND MARION COUNTY.
  6. THE SITE UTILITY CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE LOCAL UTILITY AUTHORITIES FOR CONNECTION TO THE EXISTING MAINS AND PAY ALL APPLICABLE FEES.
  7. ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 18" ABOVE TOP OF PIPE.
  8. CONTRACTOR SHALL ADJUST LOCATION OF PROPOSED WATER LINES AS REQUIRED TO AVOID CONFLICTS WITH STORM SEWER OR OTHER UTILITIES AT NO EXTRA COST.
  9. BASED ON THE CURRENT EDITION OF THE INTERNATIONAL PLUMBING CODE, CLEANOUTS ARE REQUIRED AT A MAXIMUM OF 100 FEET ON UTILITY LEAD-INS TO BUILDING. CONTRACTOR TO PROVIDE A CLEANOUT WITHIN 5 FEET OF BUILDING AND AT ALL BENDS.
  10. THE SITE UTILITY CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS ON THE SITE.
  11. ALL MATERIALS SHALL BE UL LISTED AND APPROVED BY THE LOCAL UTILITY COMPANY UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- THE EXISTING UTILITIES AND LOCATIONS SHOWN ON THE DRAWINGS ARE TAKEN FROM READILY AVAILABLE INFORMATION. THE ACTUAL LOCATIONS OF THE UTILITY FACILITIES MAY VARY SOMEWHAT FROM THE LOCATIONS SHOWN OR INDICATED ON THE DRAWINGS. THE SITE UTILITY CONTRACTOR SHALL CONTACT ALL AGENCIES WITH UTILITY FACILITIES IN THE VICINITY OF THE WORK AND SHALL LOCATE ALL UNDERGROUND FACILITIES BEFORE BEGINNING WORK. THE CONTRACTOR SHALL PROTECT ALL UTILITY FACILITIES AND REPAIR ANY DAMAGES RESULTING FROM THEIR WORK, IN CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS AND RELOCATE IF REQUIRED.
13. ALL PVC WATER LINES SHALL MEET AWWA C900 SPECIFICATIONS WITH GASKET JOINTS MEETING ASTM F477 AND ASTM D3139. PVC WATER LINES OVER 4" SHALL BE PRESSURE CLASS DR 25 (145 PSI). FIRE LINES TO BUILDINGS SHALL BE PRESSURE CLASS DR 18 (235 PSI). PVC WATER LINES 4" OR LESS SHALL BE SDR-21 OR SDR-26 MEETING ASTM D-2241. POLYETHYLENE (PE) PLASTIC PIPE OR TUBING MAY BE USED FOR 2" OR LESS SERVICE LINES. PE PIPE OR TUBING SHALL MEET AWWA C901 SPECIFICATIONS AND ASTM D2239 OR ASTM D2737.
  14. ALL SANITARY SEWER PIPE SHALL BE SDR 35 MEETING ASTM D3034 WITH GASKET TYPE JOINTS MEETING ASTM F477.
  15. UTILITY LEAD-INS TO BUILDING SHALL NOT BE INSTALLED UNTIL BUILDING PLANS ARE COMPLETED AND LOCATIONS ESTABLISHED ON THE ARCHITECTURAL PLUMBING PLANS. LEAD-INS MAY CHANGE 15' HORIZONTALLY AND 3' VERTICALLY PRIOR TO INSTALLATIONS AT NO ADDITIONAL COST TO THE OWNER. UTILITY CONTRACTOR SHALL REQUEST AND RECEIVE WRITTEN APPROVAL FROM PRIME CONTRACTOR PRIOR TO INSTALLATION OF LEAD-INS. LOCATION, SIZE, AND INVERT ELEVATIONS OF SANITARY SEWER SHALL BE COORDINATED WITH THE APPROVED PLUMBING PLANS FOR THE BUILDING.
  16. BUILDING PLUMBING CONTRACTOR SHALL PAY ALL COST FOR WATER METERS, METER BOXES, VALVES, ETC. TO PROVIDE A COMPLETE JOB PER LOCAL AUTHORITY REQUIREMENTS.
  17. THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES, ELBOWS, AND BENDS OF SUFFICIENT SIZE TO COMPLY WITH MINIMUM STANDARDS OF N.F.P.A. - EXISTING SOIL CONDITIONS.
  18. SHOULD LATENT SOIL CONDITIONS NECESSITATE, CONTRACTOR SHALL INSTALL SPECIAL SUPPORTS FOR PIPING AND/OR APPURTENANCES INCLUDING THE REMOVAL OF UNSUITABLE MATERIAL AND BACKFILLING WITH GRAVEL OR OTHER MATERIAL. CONTRACTOR SHALL PERFORM ANY SUCH WORK AS DIRECTED BY THE CIVIL ENGINEER AND/OR SOILS ENGINEER AT NO COST TO OWNER.
  19. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER UTILITY INSTALLATIONS NOT COVERED IN THESE PLANS (ELECTRIC, TELEPHONE, GAS, CABLE, ETC.) AND ALLOW FOR THEIR OPERATIONS AND CONSTRUCTION TO BE PREPARED.
  20. THE SITE UTILITY CONTRACTOR SHALL COORDINATE AND PAY FOR ALL SANITARY SEWER CONNECTIONS. SANITARY SEWER CONNECTION FINAL TIE-IN TO THE EXISTING MANHOLE(S) SHALL NOT BE MADE UNTIL COMPLETION OF THE PROPOSED SYSTEM AND ALL MANHOLES HAVE BEEN BROUGHT ABOVE GROUND TO INSURE SEDIMENT DOES NOT ENTER SYSTEM. LINES SHALL BE PROPERLY CLEANED, IF NEEDED.
  21. CONNECTIONS TO EXISTING WATER LINE MAY BE PERFORMED BY THE CONTRACTOR. THE SITE UTILITY CONTRACTOR SHALL VERIFY REQUIREMENTS AND PAY ALL COSTS.
  22. SITE UTILITY CONTRACTOR TO COORD. WITH IRRIGATION CONTRACTOR TO PROVIDE POWER IN CONDUIT TO IRRIGATION CONTROLLER PER MANUFACTURERS RECOMMENDATIONS. VERIFY EXACT LOCATION OF CONTROLLER W/ OWNER PRIOR TO INSTALLATION.
  23. SEE SHEET C-08 ADDITIONAL UTILITY DETAILS.



NOTE: UTILITY INSTALLATION PROJECTS SHALL BE INSPECTED BY MCUD. A PRE-CONSTRUCTION MEETING IS TO BE ORGANIZED WITH THE MCUD CONSTRUCTION MANAGER, ALEJANDRO RAD, 72 HOURS PRIOR TO THE START OF CONSTRUCTION. MR. RAD CAN BE REACHED AT 352-307-4630 OR ALEJANDRO.RAD@MARIONCOUNTYFL.ORG.

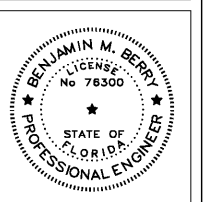
UTILITIES & GRADING LEGEND		
	EXISTING	PROPOSED
RIGHT-OF-WAY/PROPERTY LINE	---	---
WATER LINE	---	W
SANITARY SEWER / SEPTIC	---	SS
SANITARY SEWER MANHOLE	⊙	⊙
UTILITY POLE	⊙	⊙
UNDERGROUND POWER LINE	---	UGE
UNDERGROUND TELEPHONE/DATA LINE	---	UGT
OVERHEAD ELECTRIC LINE	---OHE---	
NATURAL GAS LINE	---	GAS
CLEANOUT	---	⊙
FIRE HYDRANT	⊙	⊙
WATER VALVE	⊙	⊙
INDEX CONTOURS	.....120.....	.....120.....
1' INTERVALS	.....121.....	.....121.....
SPOT ELEVATION	x120.50	x120.50
STORM SEWER	---	---
CATCH BASIN	⊙	⊙
LIGHT POLE (SEE SITE ELECTRICAL PLANS)	⊙	⊙



CIVIL ENGINEER:  
**BERRY ENGINEERS LLC**  
 355 KEITH ST NW, SUITE 109  
 CLEVELAND, TN 37312  
 TEL: (623) 790-5880  
 CERTIFICATE OF AUTHORIZATION #0838

DEVELOPER:  
 BELTERRA PARTNERS  
 728 SHADES CREEK PKWY  
 SUITE 130  
 BIRMINGHAM, AL 35209

PROJECT:  
**MAJOR SITE PLAN**  
**O'REILLY AUTO PARTS**  
 SW HWY 484  
 MARION COUNTY, FL



BENJAMIN M. BERRY, STATE OF FLORIDA  
 PROFESSIONAL ENGINEER, LICENSE NO. 76300  
 THIS ITEM HAS BEEN ELECTRONICALLY  
 SIGNED AND SEALED BY BENJAMIN M. BERRY,  
 PE ON DATE AND/OR TIME STAMP SHOWN  
 USING A DIGITAL SIGNATURE.  
 PRINTED COPIES OF THE DOCUMENT ARE NOT  
 CONSIDERED SIGNED AND SEALED AND THE  
 SIGNATURE MUST BE VERIFIED ON ANY  
 ELECTRONIC COPIES.

REVISIONS	
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3	
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5	

SHEET NAME:  
**SITE UTILITY PLAN**

DATE: 05/04/2020  
 DRAWN BY: BMB  
 CHECKED BY: CMB  
 PROJECT NO: 19078  
 SHEET NUMBER:  
**C-05**

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