

**UTILITY DISCLAIMER**

THE UNDERGROUND UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS AND/OR MAPS PREPARED BY OTHERS. THERE ARE NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHERMORE, THIS SURVEY DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEREFORE, RELIANCE UPON THE TYPE, SIZE AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT ANYONE WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN THREE (3) NOR MORE THAN TEN (10) WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT. TENNESSEE ONE CALL 811.



**EXISTING LEGEND**

- Utility Pole
- Utility Pole w/Lamp
- Fire Hydrant
- Sewer Manhole
- Storm Drain
- Overhead Utility Line
- Sanitary Sewer
- Water Line
- Iron Rod (Old)
- Iron Rod (New)

**Site Assessment Assurance Criteria:**

Quality Assurance Of Erosion Prevention And Sediment Controls Shall Be Done By Performing Site Assessment At The Construction Site. The Site Assessment Shall Be Conducted At Each Outfall Within A Month Of Construction Commencing. The Site Assessment Shall Be Performed By One Of The Following Individuals:

- A Licensed Professional Engineer or Landscape Architect
- A Certified Professional In Erosion And Sediment Control (CPESC), Or
- A Person That Successfully Completed The "Level II Design Principles For Erosion Prevention And Sediment Control For Construction Sites" Course.

Site Assessment Should Be Performed To Verify The Installation, Functionality And Performance Of The EPC Measures Described In The SWPPP, And Should Include A Review And Update (If Applicable) Of The SWPPP.

The Site Assessment Findings Shall Be Documented And The documentation Kept with The SWPPP At The Site. At A Minimum, The Documentation Shall Include Information Included In The Inspection Form Provided In Appendix C Of The General NPDES Permit.

**The Design Storm:**

As Specified In The General NPDES Permit: In Section 3.5.3.3 The Erosion Prevention And Sediment Control Measures Have Been Designed To Minimize Erosion And Maximize Sediment Removal Resulting From A 2-Year, 24-Hour Storm, And A Impaired Stream Must Be Designed For A 5 Year, 24 Hour Storm As Specified In The General Permit In Section 3.5.4.1.a.

**GENERAL NOTES:**

1. All Erosion Prevention And Sediment Control Work Shall Be Performed In Accordance With The Standard Specifications And Details Of The City Of LaVerne Engineering And Stormwater Department, And The Tennessee Department Of Environment And Conservation General NPDES Permit No. TNR 1000000 issued on May 23, 2011.
2. All Erosion Prevention And Sediment Control Measures Shall Be Removed Prior To As-Built Approvals.

**T.D.E.C. NOTES:**

**Construction Management Techniques:**

- a. Clearing And Grubbing Must Be Held To The Minimum Necessary For Grading And Equipment Operation.
- b. Construction Must Be Sequenced To Minimize The Exposure Time Of Cleared Surface Area.
- c. Construction Must Be Staged Or Phased For Large Projects. Areas Of One Phase Must Be Stabilized Before Another Phase Can Be Initiated. Stabilization Shall Be Accomplished By Temporarily Or Permanently Protecting The Disturbed Soil Surface From Rainfall Impacts And Run-Off.
- d. Erosion And Sediment Control Measures Must Be In Place And Functional Before Earth Moving Operations Begin, And Must Be Constructed And Maintained Throughout The Construction Period. Temporary Measures May Be Removed At The Beginning Of The Work Day, But Must Be Replaced At The End Of The Work Day.
- e. All Control Measures Shall Be Checked, And Repaired As Necessary, Weekly In Dry Periods And Within 24 Hours After Any Rainfall Of 0.5 Inches Within A 24 Hour Period. During Prolonged Rainfall, Daily Checking And Repairing Is Necessary. The Permittee Shall Maintain Records Of Checks And Repairs.
- f. A Specific Individual Shall Be Designated To Be Responsible For Erosion And Sediment Controls on each project site.
- g. As Specified In The NPDES General Permit In Section 3.5.3.1.e, Sediment Shall Be Removed From Sediment Traps, Silt Fence, Sediment Ponds, When Design Capacity Has Been Reduced By 50 Percent.
- h. As Specified In The NPDES General Permit In Section 3.5.8.2.a, Inspections Of The Outfall And EPC Measures Shall Be Performed At Least Twice Every Week And At Least 72 Hours Apart.

EROSION CONTROL LEGEND	
CODE	PRACTICE
CE	CONSTRUCTION EXIT
IP	WIRE MESH & GRAVEL INLET PROTECTION
OP	STORM PIPE OUTLET PROTECTION
PP	STORM PIPE INLET PROTECTION
SF	SILT FENCE
LOD	LIMITS OF DISTURBANCE
CD	EEL CHECK DAM

EROSION AND SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE REQUIREMENTS SET FORTH IN THE "TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK" AND THE CITY OF LAVERGNE, CURRENT EDITION.

OUTFALLS		
LOCATION	TYPE	ACRES
1	DITCH	0.83
2	PROPERTY CORNER	2.66
3	INLET	0.51

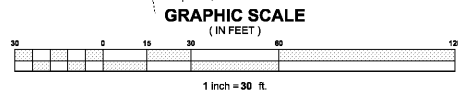
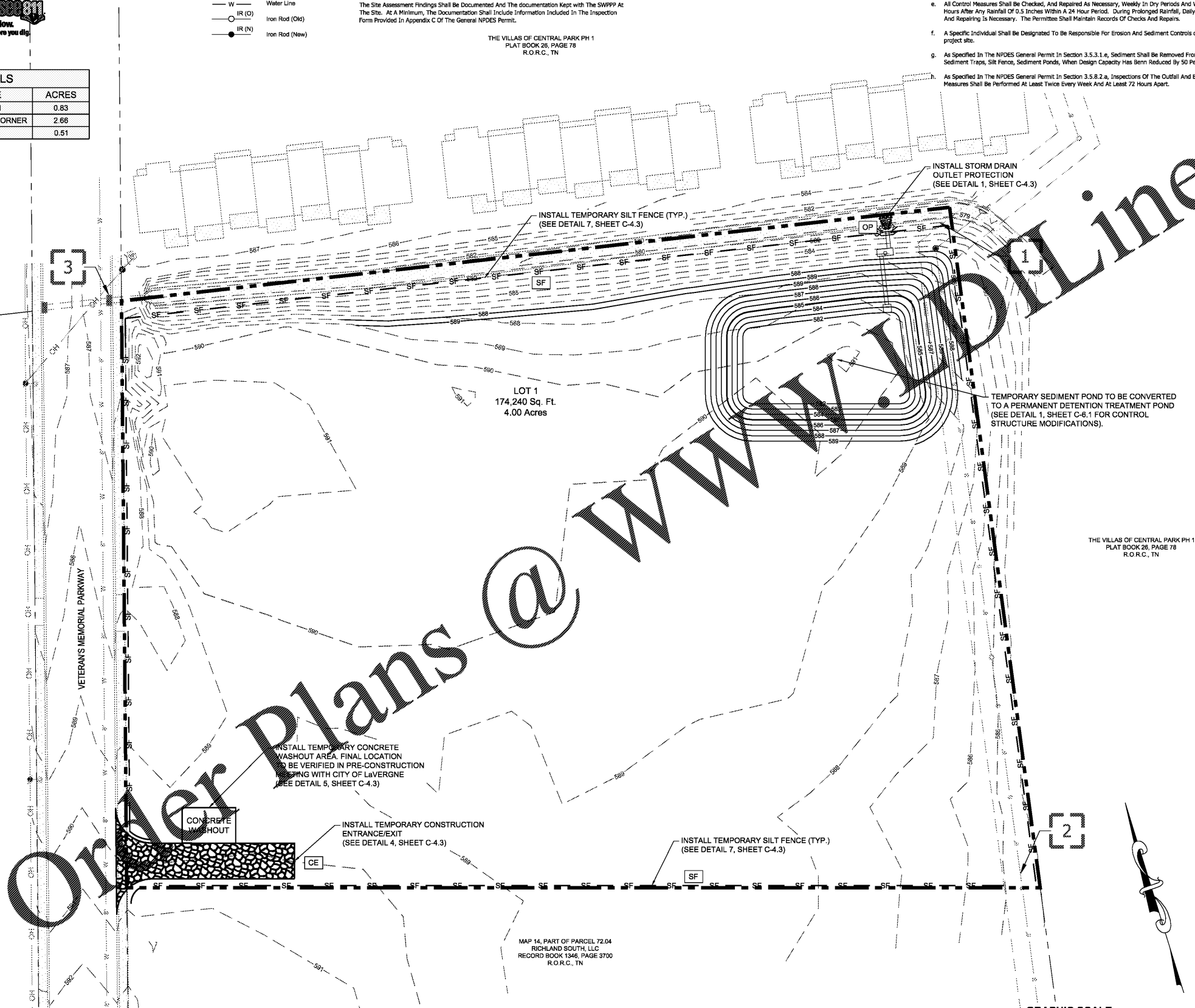
THE VILLAGES OF CENTRAL PARK PH 1  
PLAT BOOK 26, PAGE 78  
R.O.R.C., TN

LOT 1  
174,240 Sq. Ft.  
4.00 Acres

THE VILLAGES OF CENTRAL PARK PH 1  
PLAT BOOK 26, PAGE 78  
R.O.R.C., TN

MAP 14, PART OF PARCEL 72.04  
RICHLAND SOUTH, LLC  
RECORD BOOK 1346, PAGE 3700  
R.O.R.C., TN

MAP 14, PART OF PARCEL 72.04  
RICHLAND SOUTH, LLC  
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R.O.R.C., TN



**Vegetative Controls:**

- a. Pre-Construction Vegetation Existing Over Shall Not Be Destroyed, Removed Or Disturbed More Than 20% Prior To Grading Or Earth Moving.
- b. As Specified In The NPDES General Permit In Section 3.5.7 And 3.5.8.2.a, Vegetation, EPC And Other Protective Measures Are Repaired, Replaced, Or Modified Within 7 Days.
- c. Permanent Soil Stabilization With Perennial Vegetation Shall Be Applied As Soon As Practical After Final Grading.

**Structural Controls:**

- d. All Surface Water Flowing Toward The Construction Area Shall Be Diverted By Using Berms, (J) Channels, Or Sediment Traps, As Necessary.
- e. Erosion And Sediment Control Measures Shall Be Designed According To The Size And Slope (K) Of Disturbed Or Drainage Areas, To Detain Runoff And Trap Sediment.
- f. Discharges From Sediment Basins And Traps Must Be Through A Pipe Or Lined Channel So That The Discharge Does Not Cause Erosion.
- g. Muddy Water To Be Pumped From Excavation And Work Areas Must Be Held In Settling Basins (m) Or Treated By Filtration Prior To Its Discharge Into Surface Waters. Water Must Be Discharged Through A Pipe Or Lined Channel So That The Discharge Does Not Cause Erosion And Sedimentation.

**Discharge Quality:**

- h. There Shall Be No Distinctly Visible Floating Scum, Oil Or Other Matter Contained In The Stormwater Discharge.
- i. The Stormwater Discharge Must Not Cause An Objectionable Color Contrast In The Receiving Stream.
- j. The Stormwater Discharge Must Result In No Materials In Concentrations Sufficient To Be Hazardous Or Otherwise Detrimental To Humans, Livestock, Wildlife, Plant Life, Or Fish And Aquatic Life In The Receiving Stream.
- k. Reporting And Record Keeping Requirements.
- l. The Permittee Shall Maintain Records Of Checks And Repairs On Site Or At A Nearby Office.
- m. Records And Information Resulting From The Monitoring Activities Required By This Rule Shall Be Retained For A Minimum Of Three (3) Years, Or Longer If Requested By The Division Of Water Pollution Control.
- n. Knowingly Making Any False Statement On Any Report Required By This Rule May Result In (t) The Imposition Of Criminal Penalties As Provided For In Section 309 Of The Federal Water Pollution Control Act and In Section 69-3-115 Of The Tennessee Water Quality Control Act.

**CONTRACTOR MANAGEMENT PRACTICE NOTES:**

1. Contractor Shall Perform All Work Shown On Plans In Accordance With The Standard Specifications And Details Of The City Of LaVerne Engineering and Stormwater Department.
2. Contractor Shall Schedule Construction Activities In A Manner That Will Minimize The Exposure Of Disturbed Soils To Wind, Rain, Run-Off And Run-Off To Reduce The Discharge Of Pollutants To The Storm Drain System Or Watercourses As Defined In More Detail In CP-01.
3. Contractor Shall Perform Dewatering Operation By Using Sediment Controls To Prevent Or Reduce The Discharge Of Pollutants To Stormwater And Test The Groundwater For Pollutant Accumulation As Defined In More Detail In CP-02.
4. Contractor Shall Perform Paving Operation In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants From Paving Operation As Defined In More Detail In CP-03.
5. Contractor Shall Perform Structure Construction And Painting In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-04.
6. Contractor Shall Deliver, Store And Use Materials In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-05.
7. Contractor Shall Prevent And Control Construction Spills In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-06.
8. Contractor Shall Manage Solid Waste In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-07.
9. Contractor Shall Manage Hazardous Waste In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-08.
10. Contractor Shall Manage Contaminated Soil In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-09.
11. Contractor Shall Manage Concrete Waste In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-10.
12. Contractor shall manage sanitary and/or septic waste in a manner that will prevent or reduce the discharge of pollutants to stormwater as defined in more detail in CP-11.
13. Contractor Shall Manage Vehicle And Equipment Cleaning, Fueling And Maintenance In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-12, CP-13 And CP-14.
14. Contractor Shall Manage His Employees And Subcontractors In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-15.
15. Contractor Shall Manage Pesticides, Herbicides And Fertilizer Use In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-16.
16. Contractor Shall Use Dust Control Measures To Stabilize Soil From Wind And Stormwater Run-Off Erosion And Reduce Dust Generated By Construction Activities As Defined In More Detail In CP-17.
17. Contractor Shall Maintain Collection Facilities And Appurtenances On A Regular Basis To Remove Pollutants As Defined In More Detail In CP-18.
18. Contractor Shall Practice Preservation And Maintenance Of Existing Vegetation To Prevent Or Reduce Erosion Of Soil As Defined In More Detail In CP-19.
19. Contractor Shall Manage System Flushing In A Manner That Will Prevent Or Reduce The Discharge Of Pollutants To Stormwater As Defined In More Detail In CP-20.

**W&A**  
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**SWPPP - INITIAL EPC PLAN**  
**MIDSOUTH CARPENTERS' TRAINING TRUST**  
LA VERGNE, BULLOCK COUNTY, TENNESSEE  
OWNER AND DEVELOPER  
**MID-SOUTH CARPENTERS REGIONAL COUNCIL TRAINING TRUST**  
6136 ARWAYS BLVD.  
CHATTANOOGA, TN 37421  
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REVISIONS:  
06-22-20 Addressed City Workshop Review Comments  
07-01-20 Addressed City of La Verne Comments  
09-15-20 Addressed Comments from Architect  
10-21-20 Design Coordination Review

DATE: March 30th, 2020  
W&A NO.: 992-0119  
SHEET NUMBER:

**C-4.0**