Ш Z RAL NOTES

. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES PRIOR TO OMMENCEMENT OF WORK. THE CONTRACTOR SHALL CONTACT [TENNESSEE CONE CALL] AT LEAST 72 HOURS RIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE MANUAL OF ACCIDENT EVENTION AND CONSTRUCTION, ISSUED BY AGC OF AMERICA AND THE SAFETY AND HEALTH REGULATIONS CONSTRUCTION ISSUED BY THE U.S. DEPARTMENT OF LABOR.

4.THE CONTRACTOR SHALL REPAIR AND DAMAGE TO EXISTING FEATURES (I.E. PAVING, UTILITIES, DRAINAGE, ETC.) WHICH ARE TO REMAIN AT NO ADDITIONAL COST TO THE OWNER. 3. COORDINATES ON THIS PLAN (IF PROVIDED) ARE BASED ON THE EXISTING CONTROL POINTS. COORDINATES (IF PROVIDED) ARE TO FACE OF BUILDING, EDGE OF PAVING, AND FACE OF CURB AS SHOWN.

5.THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NECESSARY TO PROVIDE A SMOOTH VERTICAL AND HORIZONTAL TRANSITION BETWEEN EXISTING AND PROPOSED PAVEMENTS. 6.ALL SITE CONCRETE SHALL BE CLASS A 3500 PSI CONCRETE UNLESS OTHERWISE STATED ON THE PLANS.

8.CONCRETE WALKS, PAVING, AND CURBS AS APPLICABLE SHALL HAVE A MEDIUM BROOM FINISH UNLESS OTHERWISE SPECIFIED ON THE PLANS. 7. ALL SITE CONSTRUCTION, MATERIALS, AND FEATURES (I.E. CURBS, WALKS, PAVING, CONCRETE, STORM DRAINAGE, SEEDING, SODDING, EARTHWORK, ETC.) SHALL BE IN ACCORDANCE WITH THE LOCAL CITY OR COUNTY PLANNING, CODES, AND ENGINEERING DEPARTMENT REQUIREMENTS & PROCEDURES.

10.THE CONTRACTOR SHALL FIELD VERIFY DIMENSIONS BEFORE ORDERING MATERIALS. ANY DISCREPANCIES SHALL BE RESOLVED BEFORE COMMENCING WITH WORK. 9.THE CONTRACTOR SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS AND RECEIVE APPROVALS/PERMITS WHERE NECESSARY PRIOR TO CONSTRUCTION.

11.THESE PLANS AND SPECIFICATIONS ARE SUBJECT TO MODIFICATION DURING CONSTRUCTION WHEN CONDITIONS DEVELOP THAT WERE NOT APPARENT DURING THE DESIGN AND PREPARATION OF THESE PLANS. ALL MODIFICATIONS MUST BE APPROVED BY LOCAL JURISDICTION PRIOR TO CONSTRUCTION AND/OR IMPLEMENTATION.

12. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER WHO PREPARED THE PLANS OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATION TO THESE PLANS OR OF ANY FIELD CONFLICTS.

13. IN THE EVENT OF ANY DISCREPANCY BETWEEN ANY DRAWING AND THE FIGURES WRITTEN THEREON, THE FIGURES SHALL BE TAKEN AS CORRECT.

14. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER OR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.

15. CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMITS PRIOR TO COMMENCING CONSTRUCTION INVOLVING RIGHT-OF-WAYS, AND FOR THE CONSTRUCTION, MODIFICATION, OR CONNECTION TO FACILITIES. ALL WORKMANSHIP EQUIPMENT AND MATERIALS SHALL CONFORM TO LOCAL JURISDICTION STANDARDS AND SPECIFICATIONS. 16. TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH LOCAL JURISDICTION AND THE CURRENT ADDITION OF THE MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES)..

17. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG MEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.

. ALL PROPOSED SIGNAGE SHOWN ON THIS PLAN ARE FOR LOCATION PURPOSES ONLY. CONTRACTOR SHALL JORDINATE WITH THE OWNER, SIGN MANUFACTURER, DOT AND LOCAL AUTHORITY FOR EXACT LOCATION, ZE, HEIGHT AND FOUNDATION DESIGN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS

19. DEMOLITION/SITE CLEARING: SEE DEMOLITION PLAN (IF REQUIRED) AND GEOTECHNICAL REPORT FOR EXTENT OF SITE DEMOLITION. THIS WORK SHALL INCLUDE REMOVAL OF ALL EXISTING PAVEMENTS, CURBS (U.O.N.),LIGHT POLES (INCLUDING FOOTINGS) VEGETATION (INCLUDING STUMPS), UTILITIES (NOT OTHERWISE REUSED), ETC. AS REQUIRED FOR NEW CONSTRUCTION.

20. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OR ENGINEER IF ANY DISCREPANCIES EXIST, PRIOR TO PROCEEDING WITH CONSTRUCTION, FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

21. ANY CONCRETE MONUMENTS OR PROPERTY CORNERS DISTURBED OR REMOVED SHALL BE REPLACED BY A TENNESSEE REGISTERED LAND SURVEYOR, AT THE CONTRACTORS EXPENSE.

DE ITION NO

1. THE EXISTING CONDITIONS INDICATED ON THE DR PROVIDED BY THE SURVEYOR TO THE ENGINEER FC GUARANTEE OR IN ANY WAY WARRANTY THE ACCUP CONDITIONS, INCLUDING BUT NOT LIMITED TO EXIST INCLUSION OF ALL EXISTING UTILITIES THAT COULD THE OWNER AND CONTRACTOR SHALL BE SOLEY RELOCATION & DEPTH OF ANY/ALL EXISTING UTILITIES COMMENCING WITH ANY CONSTRUCTION ACTIVITIES. DRAWINGS WERE OBTAINED FROM A TOPOGRAPHIC MAP FOR USE IN IT'S DESIGN. THE ENGINEER DOES NOT URACY OR COMPLETENESS OF THE INDICATED EXISTING STING ELEVATIONS, THE LOCATION, DEPTH, AND/OR LD BE PRESENT ON OR AROUND THE INDICATED PROPERTY.

RESPONSIBLE FOR FIELD VERIFYING THE PRESENCE, EXACT PRIOR TO PRICING, ORDERING MATERIALS, AND

2. THE CONTRACTOR TO OBTAIN ALL NECESSARY CONSTRUCTION ACTIVITIES. CONTRACTOR TO PR 3.CONTRACTOR TO CONTACT TENNESSEE ONE CALOCATING EXISTING BURIED UTILITIES PRIOR TO C LICENSES AND PERMITS PRIOR TO COMMENCING WITH OVIDE ALL ASSOCIATED FEES AND COSTS. ALL & ALL UTILITY OWNERS TO AID IN IDENTIFYING & COMMENCING WITH ANY CONSTRUCTION ACTIVITIES

4.CONTRACTOR TO VERIFY THE PROJECT LIMITS EXTRAS WILL BE ALLOWED DUE TO ANY IRREGULTHIS SITE. AND FIELD CONDITIONS PRIOR TO BIDDING THIS PROJECT. NO AR SURFACE CONDITIONS THAT MAY BE ENCOUNTERED ON

5.ANY EXISTING PAVEMENT, SIDEWALKS, DRAINAC STRUCTURES THAT ARE TO REMAIN, SHALL BE RE ORIGINAL CONDITION AT NO EXPENSE TO THE OWI 3E STRUCTURES, UTILITIES, OR OTHER EXISTING STORED TO A CONDITION EQUAL TO OR BETTER THAN THEIR NER.

6. WHEN REQUIRED, SAW-CUT ASPHALT PAVING (PAVEMENT TO REMAIN AND PAVEMENT TO BE RE

8.UNLESS PRIOR AUTHORIZATION HAS BEEN OBTADEMOLITION DEBRIS SHALL BE REMOVED FROM T 7.THE BURNING OF CONSTRUCTION DEBRIS OR T RASH ON THE OWNER'S PROPERTY IS STRICTLY FORBIDDEN OR COUNTY CODES DEPARTMENT. VINED FROM THE CITY OR COUNTY CODES DEPARTMENT, ALL HE SITE AND DISPOSED OF IN A LANDFILL LICENSED BY THE DEMOLITION DEBRIS.

9.COORDINATE REMOVAL/ADJUSTMENT OF ANY EXISTING MANHOLES, CATCH BASINS, METERS, VALVE BOXES, UTILITY LINES, OR OTHER STRUCTURES WITH THE LAYOUT, GRADING & UTILITY PLANS. THE CONTRACTOR SHALL COORDINATE ANY/ALL UTILITY REMOVAL OR ADJUSTMENTS WITH THE APPROPRIATE UTILITY OWNER(S). UCTION SHALL BE CLEARLY MARKED AND FLAGGED IN THE RUCTION ACTIVITIES. TREES THAT ARE TO REMAIN WITHIN VELY PROTECTED.

UTILITY NOTES

1. ALL UTILITY CONSTRUCTION SHALL BE IN ACCOLEWISBURG WATER & WASTEWATER & AL OTHER 2. THE CONTRACTOR IS RESPONSIBLE FOR REIMB OF INSPECTION (IF REQ'D.). RDANCE WITH SPECIFICATIONS AND STANDARD DETAILS OF PERTINENT UTILITY OWNERS.

3. AFTER COMPLETION OF THE SANITARY SEWER, THE LINES PRIOR TO FINAL ACCEPTANCE (IF REQ'D.). / 4. THE LOCATIONS SHOWN FOR ALL EXISTING UTIING VERIFY THE EXACT LOCATIONS IN THE FIELD PRICE , THE DEVELOPER IS RESPONSIBLE FOR THE TELEVISING OF 'D.). THE VIDEOTAPING MUST BE COORDINATED WITH THE ALL COSTS WILL BE BORNE BY THE DEVELOPER. ITIES ARE APPROXIMATE; THE CONTRACTOR SHALL OR TO THE COMMENCEMENT OF CONSTRUCTION

5. THESE PLANS, PREPARED BY FERLISI CIVIL DES PERTAINING TO THE SAFETY OF THE CONTRACTO THE PERFORMANCE OF THE WORK. THE AFIXED S

ENGINEER HEREON DOES NOT EXTEND TO ANY SUINCORPORATED INTO THESE PLANS. THE CONTRA SAFETY SYSTEMS WHICH MAY BE REQUIRED BY TOUCH AND AND/OR ANY LOCAL REGULATIONS. IGN, DO NOT EXTEND TO OR INCLUDE ANY SYSTEMS
R OR IT'S EMPLOYEES, AGENTS OR REPRESENTATIVES IN
EAL OF FERLISI CIVIL DESIGN'S REGISTERED PROFESSIONAL
ICH SAFETY SYSTEMS THAT MAY NOW OR HEREAFTER BE
ACTOR SHALL PREPARED OR OBTAIN THE APPROPRIATE
THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

6. THE CONTRACTOR SHALL NOTIFY UNDERGROUND UTILTY OWNERS NO LESS THAN THREE (3) NOR MORE THAN TEN (10) WORK DAYS PRIOR TO THE START OF EXCAVATION WORK TO AVOID HAZARD OR DAMAGE TO EXISTING FACILITIES.

7. ALL CONNECTIONS TO EXISTING MANHOLES SHALL BE BY CORING AND RESILIENT CONNECTOR, OR AS OITHERWISE SPECIFIED IN THE CURRENT LEWISBURG WATER & WASTE WATER STANDARD SPECIFICATIONS.

8. SEWER SERVICE - THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION, ELEVATION AND CONDITION OF EXISTING SEWER FOR RE-USE. THE EXISTING SEWER SERVICE SHALL BE INSPECTED WITH THE UTILITY COMPANY AND OWNER'S REPRESENTATIVES TO ENSURE THERE WILL BE NO UNRESTRICTED FLOW IN THE EXISTING INVERT ELEVATION AT THE CONNECTION POINT TO ASCERTAIN THERE IS SUFFICIENT FALL FOR MINIMUM GRADE IN THE PROPOSED CONNECTION.

9. THE SANITARY SEWER LINE SHALL BE PVC-SDR & WASTEWATER. 21, OR AS OTHERWISE APPROVED BY LEWISBURG WATER

(I.E.; MANHOLES, SERVICE TAPS, CLEANOUTS, VALVI LEWISBURG WATER & WASTE WATER. THE AS-BUILT END OF THE SERVICE LINES TO PROPERTY CORNER SEWER CENTERLINE TO END OF SERVICE LINE, THE 10. DURING CONSTRUCTION OF WATER AND/OR SE A DIMENSIONED MARKED-UP SET OF AS-BUILT PLADEPTH, INVERT ELEVATION(S) OF ALL NEWLY CON SHALL REFLECT ALL ALIGNMENT AND GRADE CENTERLINE, OR PROPERTY LINE, RIGHT OF V VES, HYDRANTS, FITTINGS, ETC.) FOR DELIVERANCE TO
ILT MARKED-UP PLANS SHALL INCLUDE DIMENSIONS TO THE
ERS AND LINES AND/OR STATION AND OFFSETS FROM SEWER
HE DEPTH TO THE TOP OF THE END OF THE SERVICE LINE, AND ISTRUCTED SEWER AND WATER APPURTENANCES

RADING NOTE

REPORT PREPARED BY OTHERS

1. STRIP ALL TOPSOILS, VEGETATION, SOFT, LOOSE OR OTHERWISE UNSUITABLE MATERIAL FROM THE SITE. THIS SHALL INCLUDE REMOVAL OF ANY TREES AND ASSOCIATED ROOT SYSTEM. ANY EXISTING FILL THAT IS POORLY COMPACTED SHALL ALSO BE REMOVED.

2. AFTER STRIPPING AND PRIOR TO PLACEMENT OF FILL, THE EXPOSED SUBGRADE SHALL BE PROOF DETECT ANY SOFT OR UNSTABLE AREAS. PROFILING SHALL BE PERFORMED IN THE PRESENCE OF A GEOTECHNICAL ENGINEER REPRESENTATIVE. ANY SOFT OR UNSTABLE AREAS SHALL BE UNDERCUT REPLACED WITH SELECT FILL MATERIAL AS APPROVED BY THE GEOTECHNICAL ENGINEER.

3. SITE GRADES AROUND THE PAVEMENT AREAS SHALL BE GRADED DURING CONSTRUCTION TO PREVENT PONDING. ANY SURFACE WATER ACCUMULATION IN THE PAVEMENT AREAS SHALL BE REMOVED IMMEDIATELY TO AVOID DISTURBANCE OF THE SUBGRADE SOILS.

REPRESENTATIVE SAMPLES OF FILL MATERIALS SHALL BE TESTED AND APPROVED BY THE NGINEER PRIOR TO PLACEMENT. FILL MATERIALS SHALL BE FREE OF ORGANIC MATTER AND

FILL MATERIALS SHALL MEET THE FOLLOWING CRITERIA

MAXIMUM LOOSE LIFT THICKNESS -8 INCHES OR LESS COMPACTION - 98 PERCENT OF MODIFIED PROCTOR (ASTM COMPACTION TESTING: [OR AS REQUIRED BY GEOTECHNIC, LARGE AREAS - 1 TEST/2500SF/1 FT FILL LIFT CONFINED AREAS - 2 TEST/20 CY MAX. PARTICLE SIZE - 3 INCHES OR LESS
ORGANIC CONTENT - CLEAN - FREE OF ORGANICS

6. FILL PLACEMENT AND COMPACTION OPERATIONS SHALL BE OBSERVED AND DOCUMENTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.

7. ALL EXCAVATIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST OSHA GUIDELINES AS MANDATED IN CURRENT FEDERAL, STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE IN PROVIDING SAFE WORKING CONDITIONS IN CONNECTION WITH ANY EXCAVATION WORK.

8. IF AT ANYTIME DURING EARTHWORK OPERATIONS, THE CONTRACTOR ENCOUNTERS UNUSUAL SOIL CONDITIONS THAT ARE DIFFERENT THAN THOSE INDICATED IN THE GEOTECH REPORT, THE CONTRACTOR SHALL NOTIFY THE OWNER OR ITS REPRESENTATIVE IN WRITING WITHIN 24 HOURS. NEGOTIATION SHALL THEN BE INITIATED BETWEEN OWNER AND CONTRACTOR TO ARRIVE AT A CHANGE IN CONTRACT PRICE FOR ADDITIONAL WORK. IF ADDITIONAL WORK IS NOT COVERED BY A CONTRACT UNIT PRICE, THE WORK SHALL BE PAID AT TIME AND MATERIAL BASIS.

10. DO NOT DISTURB VEGETATION OR REMOVE TREES EXCEPT WHEN NECESSARY FOR GRADING PURPOSES. CONTRACTOR SHALL INSTALL ADEQUATE TREE PROTECTION MEASURES SUCH AS PLASTIC FENCING WITH METAL FENCE POSTS, PRIOR TO ANY GRADING ACTIVITIES, TO EXCLUDE CONSTRUCTION ACTIVITIES IN PROXIMITY OF SPECIMEN TREES. REFER TO LANDSCAPE PLANS FOR TREE PROTECTION NOTES. CONTRACTOR TO ENSURE POSITIVE DRAINAGE IS PROVIDED ALONG AND AWAY FROM ALL PROPERTY LINES.

11. STRIP TOPSOIL FROM ALL CUT AND FILL AREAS, STOCKPILE AND DISTRIBUTE OVER GRADED AREAS WHERE INDICATED ON PLANS ONLY TO A DEPTH OF 6" MIN.

13. CLEAN SILT BARRIERS WHEN THEY ARE APPROXIMATELY 50% FILLED WITH SEDIMENT OR AS DIRECTED OWNER'S REPRESENTATIVE. 12 CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS INDICATED ON PLANS.

14. REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY CITY OF LEWISBURG, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

16. REPLACEMENT OF AND/OR LOCATION OF EROSION CONTROL DEVICES AND/OR ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DETERMINED BY THE CITY OF LEWISBURG STORMWATER MANAGER/INSPECTOR. 15. TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE INSTALLED BEFORE CONSTRUCTION BEGINS AND REMAIN IN PLACE AND FUNCTIONAL UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY THE CITY OF LEWISBURG.

17. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE MANUAL OF ACCIDENT PREVENTION AND CONSTRUCTION, ISSUED AGC OF AMERICA, INCORPORATED AND THE SAFETY AND HEALTH REGULATIONS OF CONSTRUCTION ISSUED BY THE U.S. DEPARTMENT OF LABOR.

18. CONTRACTOR SHALL LEAVE GRADED AREAS IN A FREE, DRAINING CONDITION

19. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO COMPACT FILL SUFFICIENTLY AROUND AND OVER ALL PIPES, STRUCTURES, VALVE STEMS, ETC., INSIDE THE PROPOSED PAVED AREAS TO AVOID SETTLEMENT. ANY SETTLEMENT DURING THE WARRANTY PERIOD SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

21. MAXIMUM CUT OR FILL SLOPES SHALL BE 3 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE NOTED ON PLANS. 20. ALL STORMWATER DRAINAGE PIPE MATERIAL(S) SHALL BE AS NOTED ON THE PLANS.

23. ALL CONSTRUCTION OPERATIONS DEALING WITH EARTHWORK AND FOUNDATIONS SHALL BE OBSERVED BY QUALIFIED GEOTECHNICAL ENGINEERING PERSONNEL. 22. CONSTRUCTION ACCESS ROUTE TO AND FROM SITE SHALL BE BASED WITH STONE AS SHOWN ON THE DETAIL SHEET. THE CONTRACTOR SHALL KEEP PUBLIC ROADWAYS CLEANED OF TRACKED MUD AND DIRT. CLEAN DAILY AS REQUIRED.

24. A GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS PROJECT. A COPY MAY BE OBTAINED FROM THE OWNERS REPRESENTATIVE. IN PREPARING THIS GRADING PLAN, STANTEC CONSULTING IS NOT GUARANTEEING OR MAKING ANY DETERMINATION OF THE SUITABILITY OF THE GEOTECHNICAL CONDITIONS FOR THE WORK INDICATED. DETERMINATION OF THE GEOTECHNICAL CONDITIONS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

25. POSITIVE DRAINAGE SHALL BE ESTABLISHED AS THE FIRST ORDER OF WORK AND SHALL BE MAINTAINED AT ALL TIMES DURING AND AFTER CONSTRUCTION. SOIL SOFTENED BY PERCHED WATER IN FOUNDATION AND PAVEMENT AREAS MUST BE UNDERCUT AND REPLACED WITH COMPACTED FILL MATERIALS. GROUNDWATER INFILTRATION INTO EXCAVATIONS SHOULD BE EXPECTED, AND THE WATER SHALL BE REMOVED USING GRAVITY DRAINAGE OR SUMP-PUMP TECHNIQUES. GROUNDWATER LEVELS SHALL BE VERIFIED JUST PRIOR TO CONSTRUCTION.

28. IF ANY SINKHOLES OR VOID AREAS ARE DISCOVERED DRUING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH WORK. 27. IN NO CASE SHALL SLOPE HEIGHT, SLOPE INCLINATION, OR EXCAVATION DEPTH, INCLUDING UTILITY TRENCH CONSTRUCTION, EXCEED THOSE SPECIFIED IN LOCAL, STATE, AND FEDERAL REGULATIONS, SPECIFICALLY THE CURRENT OSHA HEALTH AND SAFETY STANDARDS FOR EXCAVATIONS (29 CFR PART 1926) SHALL BE FOLLOWED. 26. IF ANY SPRINGS ARE EXPOSED DURING CONSTRUCTION, PERMANENT FRENCH DRAINS MAY BE REQUIRED. DRAINS SHALL BE SPECIFIED AND LOCATED DURING CONSTRUCTION.

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29.THE EXISTING CONDITIONS INDICATED ON THE PLANS WERE OBTAINED FROM A TOPOGRAPHIC MAP/SURVEY PROVIDED BY THE OWNER, AND/OR HIS SURVEYOR TO THE ENGINEER FOR USE IN PERFORMING THE SITE DESK THE ENGINEER DOES NOT GUARANTEE OR IN ANY WAY WARRANTY THE ACCURACY OR COMPLETENESS OF THE INDICATED EXISTING TOPOGRAPHIC INFORMATION SHOWN HEREIN, INCLUDING THE EXISTENCE, LOCATION & DE OF ALL EXISTING UTILITIES WITHIN AND AROUND THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLEY RESPONSIBLE FOR FIELD VERIFYING THE PRESENCE, EXACT LOCATION & DEPTH OF ANY/ALL EXISTING UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONTACT TENNESSEE ONE-CALL (800) 351-1111 / (615) 366-1967 A MINIMUM OF 24 HOURS PRIOR TO COMMENCING WITH CONSTRUCTION ACTIVITIES.

31.THE CONTRACTOR MUST INSTALL ALL REQUIRED EROSION CONTROL MEASURES PRIOR TO COMMENCING WITH CONSTRUCTION ACTIVITIES. STRIP TOPSOIL, STOCK PILE ON-SITE, AND INSTALL SILTATION CONTROL MEASURES (SILT FENCING) AROUND ALL SOIL STOCK PILES. 30.THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL & STATE STORMWATER ORDINANCES & REGULATIONS FOR GRADING AND EROSION/SEDMENT CONTROL FOR THE MEASURES SHOWN OR STATED ON THESE PLANS.

RADING NOTES:

32.NO SLOPES TO EXCEED (3:1). AT A MINIMUM, ALL DISTURBED AREAS SHALL RECEIVE 6" MINIMUM TOPSOIL AND BE SEEDED WITH A TALL TURF TYPE FESCUE. ALL DISTURBED AREAS MUST BE STABILIZED WITH JUTE OR SIMILAR TYPE EROSION CONTROL FABRIC UNLESS OTHERWQISE INDICATED ON THE PLANS.

THE CONTRACTOR SHALL PROTECT ALL TREES AND EXISTING GRASSED AREAS NOT WITHIN THE LIMITS NEW CONSTRUCTION FROM DAMAGE BY EQUIPMENT, CONSTRUCTION ACTIVITIES AND THE NTRACTOR'S PERSONNEL. THE CONTRACTOR SHALL NOT DISTURB AND LARGER AREA(S) THAN IS QUIRED TO PERFORM THE CURRENT CONSTRUCTION TASK(S) AND SHALL STABILIZE ALL DISTURBED SAS SOON AS POSSIBLE FOLLOWING COMPLETION OF THE CURRENT CONSTRUCTION ACTIVITY. HE CONTRACTOR SHALL INSTALL AND MAINTAIN SEDIMENTATION/EROSION CONTROL DEVICES AS ICATED ON THE ACCOMPANYING STORM WATER POLLUTION PREVENTION PLAN (SWPPP). IF A SWPPP I REQUIRED OR PROVIDED, THE CONTRACTOR SHALL PROVIDE ALL/ANY NECESSARY IMMENTATION/EROSION CONTROL DEVICES/MEASURES AS REQUIRED TO PREVENT AND SEDIMENT OF LEAVING THE LIMITS OF CONSTRUCTION. NO CONSTRUCTION ACTIVITIES SHALL COMMENCE UNTIL EQUATE SEDIMENTATION/EROSION CONTROL MEASURES ARE IN PLACE AND PROPERLY INSTALLED.

35.UPON COMPLETION OF THE REQUIRED WORK, THE CONTRACTOR SHALL DISTRIBUTE A MIN. 6" TOPSOIL TO PROPOSED GRASSED AND LANDSCAPED AREAS, FINE GRADE AND PROMPTLY STABILIZE ALL DISTURBED AREAS. THE CONTRACTOR SHALL REFER TO SITE LANDSCAPING PLANS ANS SPECIFICATIONS (IF PROVIDED WITHIN THESE PLANS) TO DETERMINE THE LOCATION AND TYPE OF PERMANENT GROUND COVER. AT A MINIMUM, SEED AND MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS AS SOON AS FEASIBLY POSSIBLE.

EXCAVATION & METHOD OF STABILIZATION OF EXPOSED ROCK FACES SHALL BE SUBJECT TO THE RECTION AND RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER (OR A QUALIFIED STRUCTURAL GINEER).

ROSION/SILTATION CONTROL NOTES

ON AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED TO RETAIN SEDIMENT ON SITE

2. ALL CONTROL MEASURES MUST BE PROPERLY SELECTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICE. IF PERIODIC INSPECTIONS INDICATES INAPPROPRIATE OR INCORRECTLY INSTALLED, THE CONTRACTOR SHALL REPLACE OR MODIFY THE CONTROL FOR ON SITE SITUATIONS.

3. STOCKPILED TOPSOIL SHALL BE SURROUNDED BY EARTH BERMS AND/OR STRAW BALE SEDIMENT BARRIERS.

5. SEDIMENT SHALL BE REMOVED FROM SILT FENCES AND OTHER SEDIMENT CONTROL DEVICES AS NECESSARY, AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50%. 4. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFFSITE ACCUMULATIONS SHALL BE IMMEDIATELY REMOVED TO MINIMIZE OFFSITE IMPACTS AND POSE A SAFETY HAZARD TO THE PUBLIC.

6. LITTER AND CONSTRUCTION DEBRIS SHALL BE PICKED UP PRIOR TO ANTICIPATED STORM EVENT (AS FORECASTED BY LOCAL WEATHER REPORTS). AFTER USE, SILT FENCES SHALL BE REMOVED OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM WATER DISCHARGES.

 $8.\ CLEARING$ AND GRUBBING MUST BE HELD TO THE MINIMUM NECESSARY FOR GRADING AND EQUIPMENT OPERATION. 7. PRE-CONSTRUCTION VEGETATIVE COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 20 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.

10. 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. ONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS

11. ALL LAND ON OR OFF SITE WHICH IS DISTURBED BY THE CONTRACTOR AND WHICH IS NOT BUILT UPON OR SURFACED SHALL BE ADEQUATELY STABILIZED TO CONTROL EROSION & SEDIMENTATION.

12. ALL MEASURES ARE TO BE INSPECTED DAILY BY THE SITE SUPERINTENDENT. ANY DAMAGED STRUCTURAL MEASURES SHALL BE REPAIRED BY THE CLOSE OF THE FOLLOWING DAY. SEDIMENT CONTROLS WILL BE REMOVED AFTER AREAS ABOVE THEM HAVE BEEN STABILIZED. INSPECTION OF ALL CONTROL MEASURES AND DISTURBED AREAS MUST BE PERFORMED BY A TDEC LEVEL INSPECTOR TWICE PER WEEK, AT LEAST 72 HOURS APART, AND BEFORE ANTICIPATED STORM ENTS (OR SERIES OF STORM EVENTS SUCH AS INTERMITTENT EVENTS OVER ONE OR MORE DAYS) AND 24 DURS AFTER THE END OF A STORM EVENT 0.5 INCHES OR GREATER. INSPECTIONS MUST BE DOCUMENTED ID BE IN FULL ACCORDANCE WITH THE MINIMUM CRITERIA SET FORTH BY ALL LOCAL & STATE STORM WATER SOLUTIONS, TDEC AND THE CURRENT TENNESSEE GENERAL PERMIT REQUIREMENTS.. REFER TO THE ORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR MORE DETAILS.

14. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION ENTRANCE PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES. THE LOCATION OF THE ENTRANCE MAY BE ADJUSTED Y THE CONTRACTOR TO FACILITATE GRADING OPERATIONS. ALL CONSTRUCTION TRAFFIC ENTERING & EXITING THE SITE FROM A PAVED ROADWAY MUST UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL REMAIN IN PLACE UNTIL THE ROAD/PAVEMENT BASE ROCK COURSE IS IN PLACE.

15.THE CONTRACTOR SHALL IMPLEMENT HOUSEKEEPING PRACTICES AS FOLLOWS; A. CONCRETE WASTE:

PROVIDE A DESIGNATED AREA FOR A TEMPORARY PIT TO BE USED FOR CONCRETE TRUCK WASH-OUT. DISPOSE OF HARDENED CONCRETE OFFSITE. AT NO TIME SHALL A CONCRETE TRUCK DUMP IT'S WASTE AND CLEAN IT'S TRUCK INTO THE CITY OR PROJECT SITE'S STORM DRAINAGE SYSTEM(S). INSPECT PIT AREA DAILY TO CONTROL RUNOFF AND WEEKLY FOR REMOVAL OF HARDENED CONCRETE.

3. PAINT AND PAINTING SUPPLIES:

PROVIDE INSTRUCTION TO EMPLOYEES AND SUBCONTRACTORS REGARDING REDUCTION OF POLLUNTANT MATERIAL STORAGE USE AND CLEAN UP. INSPECT SITE WEEKLY FOR EVIDENCE OF IMPROPER DISPOSAL.

HE CONTRACTOR SHALL PLACE APPROPRIATE EROSION CONTROL MEASURES AROUND ALL NEW AINAGE STRUCTURE OPENINGS (I.E., PIPE INVERTS, CATCH BASIN GRATES, OUTLET CONTROL RUCTURES, ETC.) DURING THEIR CONSTRUCTION & PRIOR TO THE STRUCTURE(S) RECEIVING ANY STORM TER INFLOW. PREVENT SILTATION FROM ENTERING THE STRUCTURE AND ASSOCIATED DRAINAGE PIPING

STABILIZATION MEASURES MUST BE INITIATED WITHIN SEVEN (7) DAYS ON PORTIONS OF THE SITE WHERE INSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND WITHIN FIFTEEN (15) DAYS TER GRADING OF ANY OTHER EARTHWORK. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION (USE NATIVE HERBACEOUS AND WOODY PLANTS WHERE PRACTICAL) OR OTHER PERMANTLY STABLE, IN-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS IT'S PRACTICAL. ABILIZATION PRACTICES MAY INCLUDE TEMPORARY AND/OR PERMANENT SEEDING, MULCHING, OTEXTILES, SOD STABILIZATION AND OTHER APPROPRIATE MEASURES.

Checked By:

DPF

Date:

12/9/21

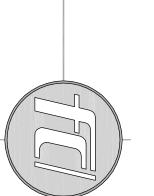
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Designed By:

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18.THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT MAY ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF, OR AT THE DIRECTION OF THE AUTHORITY OVERSEEING TDEC EROSION CONTROL INSPECTIONS AND DOCUMENTATION. STRUCTURAL PRACTICES TO DIVERT FLOWS FROM AREAS OF LAND DISTURBANCE, STORE AND/OR CONTAIN FLOWS, OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE MUST BE IMPLEMENTED AS PRACTICALLY PERMITTED. SUCH PRACTICES MAY INCLUDE SILT FENCES, EARTHEN DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, CHECK DAMS, EROSION CONTROL EELS/STRAW WATTLES, SURFACE DRAINS, PIPE SLOPE DRAINS, STORM DRAIN INLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS AND GABIONS.

19.INSPECTION OF ALL CONTROL MEASURES AND DISTURBED AREAS MUST BE PERFORMED BY A TDEC LEVEL ONE CERTIFIED INSPECTOR TWICE PER WEEK, AT LEAST 72 HOURS APART, AND PRIOR TO ANTICIPATED STORM EVENTS (OR SERIES OF STORM EVENTS SUCH AS INTERMITTENT RAINFALL OF OVER ONE OR MORE DAYS) AND 24 HOURS AFTER THE END OF OF A STORM EVENT 0.5 INCHES OR GREATER. INSPECTIONS MUST BE DOCUMENTED AND BE IN FULL ACCORDANCE WITH THE MINIMUM CRITERIA SET FORTH BY ALL LOCAL & STATE STORM WATER RESOLUTIONS. TDEC AND THE CURRENT TENNESSEE GENERAL PERMIT REQUIREMENTS.



Consulting & P.O. Box 5 Cornersville, TN 37047

Permit-Seal:

BARICUL HAMILLING OF TENNESSEE

Client/Project:

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1207 Yell Road 3rd Civil District Lewisburg, Marshall County, TN Townhome Development King's Landing

Revisions: Date:

Project No.:

Title AS NOTED

CONSTRUCTION NOTES

