

FRIENDSVILLE

REVISIONS ARCHITECTURAL SITE PLAN DESCRIPTION

DEBBIE BOYD BUILDING 836 NORTH UNION GROVE ROAD

TENNESSEE 37737

CUSTOMER INFORMATION

## **GRADING AND EROSION CONTROL NOTES**

- EROSION CONTROL MEASURES SHOWN ON THIS PLAN ARE A MINIMUM REQUIREMENT.
- 2 CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, MODIFYING AND ADDING EROSION CONTROL MEASURES DURING CONSTRUCTION TO KEEP SILT FROM EXISTING THIS SITE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL APPLICABLE PERMITS AND COMPLYING WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS RELATED TO SITE GRADING AND STORM WATER RUNOFF.
- EROSION CONTROL SHALL BE MAINTAINED UNTIL PAVING IS COMPLETED AND LAWNS HAVE BEEN ESTABLISHED. CONTRACTOR TO FIELD VERIFY ROAD GRADES PRIOR TO CONSTRUCTION.
- CONTRACTOR TO COORDINATE ALL NEW SITE GRADING WITH OWNER'S REP. ENGINEER PRIOR TO CONSTRUCTION IN ORDER TO ENSURE PROPER COHESION WITH OVERALL SITE DRAINAGE PLAN.

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- ADJUST SWALES AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE AWAY FROM THE FUTURE BUILDING FOUNDATIONS.
- SEED AND MULCH DISTURBED AREAS IMMED. AFTER CONSTRUCTION

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- APPLY TEMPORARY SEEDING WHENEVER GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND FINAL GRADING OF EXPOSED SURFACES IS TO BE COMPLETED WITHIN ONE YEAR. APPLY TEMPORARY SEEDING TO SOIL STOCKPILES.
- $\infty$ APPLY PERMANANT SEEDING WHENEVER GRADING OPERATIONS ARE COMPLETED AND ALL CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. APPLY PERMANENT SEEDING TO ALL NON-CONSTRUCTION AREAS, WHICH SHOW SIGNS OF EXCESSIVE EROSION. .
- 9 CONTRACTOR TO FIELD VERIFY VERY CRITICAL GRADES AT ENTRANCES PRIOR TO CONSTRUCTION.
- <u>10.</u> VERIFY EXACT SIZE DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- UNLESS OTHERWISE NOTED, ELEVATIONS SHOWN REPRESENT FINISHED GRADES. CONTRACTOR SHALL ADJUST FOR PAVEMENT SECTIONS, BUILDING FOUNDATIONS, ETC
- ADJUST CATCH BASIN TOPS AS NECESSARY TO MATCH FINAL GRADES.
- <u>13.</u> RIPRAP FOR SPILLWAYS SHALL BE 5" TO 12" DIAMETER WITH A MEAN DIAMETER OF
- 14. CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY; INCLUDING BUT NOT LIMITED TO COMPLIANCE WITH ALL APPLICABLE OSHA REGULATIONS.
- RETAINING WALL SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF KNOXVILLE POLICY 10-RETAINING WALLS, LATEST REVISION. COORDINATE WITH GEOTECHNICAL ENGINEER AND OWNER TO PROVIDE ALL REQUIRED SUBMITTALS AND CERTIFICATES TO THE CITY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIREMENTS OF POLICY 10 ARE MET IN A TIMELY MANNER.
- <u> 16.</u> PERMANENT LANDSCAPING SHALL COMPLY WITH ALL REQUIREMENTS TREE ORDINANCE. 유 THE KNOXVILLE

## GRADING SP П $\bigcirc$ **FICATIONS**

COMPLY WITH ALL REQUIREN RECOMMENDATIONS OF THE THESE ITEMS, COMPLY WITH MENTS OF THE PROJECT SPECIFICATIONS AND SUBSURFACE EXPLORATION REPORT. IN THE ABSENCE THE FOLLOWING AS A MINIMUM REQUIREMENT: 유

COORDINATE WITH LOCAL UTILITY COMPANIES TO ENSURE THAT UTILITY SERVICE IS NOT INTERRUPTED WITHOUT PRIOR AUTHORIZATION BY THE LOCAL UTILITY AND THE OWNER. COORDINATE WITH LOCAL UTILITY COMPANIES TO DEMOLISH AND/OR REMOVE ANY EXISTING UTILITIES WITHIN THE LIMITS OF CONSTRUCTION THAT ARE NO LONGER IN USE.

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- PROVIDE BORROW SOIL MATERIALS ACCEPTABLE TO THE OWNER WHEN SUFFICIENT SATISTACTORY SOIL MATERIALS ARE NOT AVAILABLE FROM EXCAVATIONS AND ONLY AFTER OBTAINING WRITTEN PERMISSION FROM THE OWNER.
- PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE ASSOCIATED WITH EARTHWORK OPERATIONS. PROTECT SUBGRADES AND FOUNDATION SOILS AGAINST FREEZING TEMPERATURES OR FROST. ANY DAMAGE PRIOR TO FINAL ACCEPTANCE BY THE OWNER SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PROVIDE TEMPORARY MI SUBGRADES AND SLOPE DUE TO WATER DAMAGE EASURES AS NECESSARY TO PREVENT DAMAGE TO S BY SURFACE OR GROUND WATER. ALL NECESSARY REPAIRS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

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- EXCAVATE TO THE INDICATED ELEVATIONS AND DIMENSIONS WITHIN A TOLERANCE OF PLUS OR MINUS 1 INCH.
- <u>6</u> NOTIFY THE OWNER WHEN EXCAVATIONS HAVE REACHED SUBGRADE. PROOF ROLL SUBGRADE WITH HEAVY PNEUMATIC-TIRED EQUIPMENT IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. REPLACE UNSATISFACTORY SOIL WITH COMPACTED BACKFILL AS DIRECTED. PRIOR TO BACKFILL, PROVIDE A LAYER OF TENSAR BX 1000 GEOGRID ON THE EXPOSED SUBGRADE, FOLLOWED BY A LAYER OF NO. 67 STONE AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- FILL SOILS SHALL BE PLACED IN LOOSE LIFTS NOT MORE THAN 8 INCHES THICK TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698). THE UPPER 24 INCHES OF FILL BENEATH PAVEMENTS AND UPPER 12 INCHES BENEATH GRADE SLABS SHOULD BE COMPACTED TO AT LEAST 100 PERCENT OF STANDARD PROCTOR MAXIMUM DRY DENSITY.
- FILL SOILS SHALL HAVE DENSITY OF NO LESS T A PLASTICITY INDEX OF LESS THAN 30 HAN 90 POUNDS PER CUBIC FOOT. AND A MAXIMUM DRY
- THE SOIL MOISTURE CO PERCENT OF THE OPTIN NTENT SHALL BE MAINTAINED WITHIN PLUS

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## SITE DRAINAGE NOTES

- CONTRACTOR TO FIELD CONSTRUCTION. VERIFY CRITICAL GRADES AT **ENTRAN**
- VERIFY EXACT SIZE, DEPTH AND LOCATION OF CONSTRUCTION. **ALL UNDERGRO** UND UTILITIES PRIOR TO
- INTERIOR WALL HDPE PIPE. PROVIDE #57 STONE BEDDING AND BA SUBGRADE OR 12" ABOVE PIPE IN GRASS AREAS. ALL PIPE AND FIT THE REQUIREMENTS OF AASHTO M252, TYPE S (4"-10") OR AASHTO (12"-48"). GASKET SHALL MEET THE REQUIREMENTS OF ASTM F477 SHALL BE IN ACCORDANCE WITH ASTM D2321. JOINTS SHALL BE SIN ON-RATED WATERTIGHT GASKETS SHALL BE COVERED WITH A RETAIL MANUFACTURER TO ENSURE THAT THE GASKET IS FREE FROM THE MANUFACTURER THE THAT THE GASKET IS FREE FROM THE MANUFACTURER THE
- UNLESS OTHERWISE NOTED, RCP SHALL BE CLASS III CONFOR BUTYL-MASTIC OR RUBBER GASKET JOINTS
- UNLESS OTHERWISE NOTED, CMP SHALL BE 14 GA. WITH BAND CONFORM TO ASTM A440 FOR PIPES 36" OR LESS IN DIAMETER
- CMP SHALL BE 12 GA FOR PIPES GREATER THAN 36" IN DIAMETI DETENTION SHALL BE ALUMINIZED STEEL TYPE 2, 12 GA. WITH CORRUGATIONS. JOINTS SHALL BE CONSTRUCTED WITH CONI MINIMUM OF 12" WIDE AND SHALL INCLUDE 12" WIDE BY 3/8" TH CELL CONTINUOUS FELT GASKETS.
- WHERE JUNCTION BOX IS INDICATED (JB) PROVIDE 24" SOLID MODEL 1040 BY EAST JORDAN IRON WORKS OR EQUAL.

FIELD VERIFY ALL STORM DRAINAGE HORIZONTAL AND VERTICAL INFORMATION AFTER SITE GRADING IS COMPLETE AND PRIOR TO FABRICATING STORM DRAINAGE STRUCTURES

THE CONTRACTOR IS SOLELY
RESPONSIBLE FOR ALL JOBSITE
SAFETY, INCLUDING BUT NOT LIMITED
TO COMPLIANCE WITH ALL APPLICABLE
OSHA REGULATIONS.

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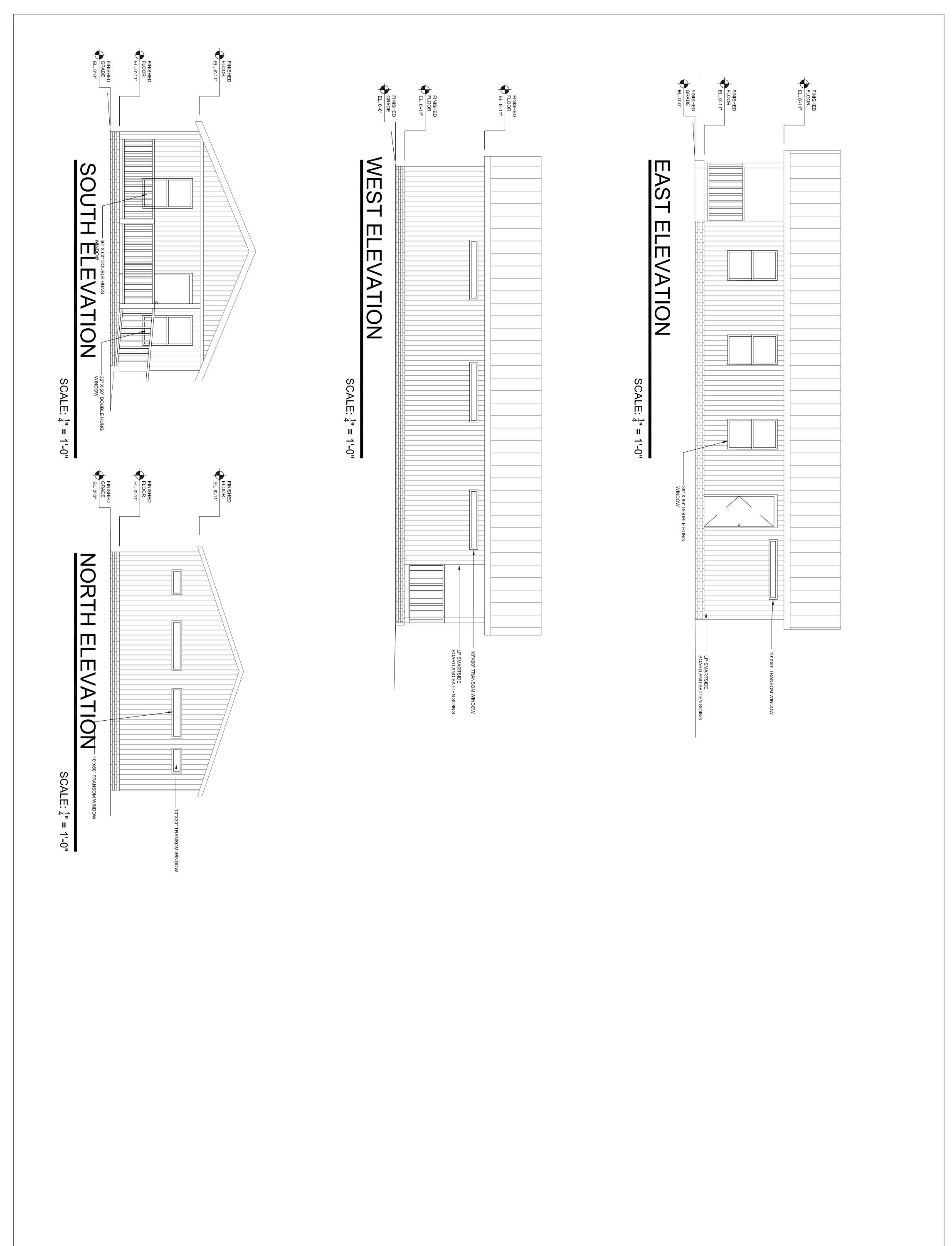
**REVISIONS** REV DESCRIPTION

ROSION CONTROL GRADING NOTES

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**TENNESSEE 37737** 

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