



**GRADING & DRAINAGE NOTES.**

1. ALL PAVED AREAS SHALL BE SMOOTH BENEATH PROVIDING A MINIMUM SLOPE OF 1/4" PER FOOT TO THE CURB OR DRAINAGE POINT.
2. PROVIDE CURB REINFORCEMENT IN AREAS INDICATED ON THE PLANS.
3. ALL CURBS SHALL BE CONSTRUCTED TO THE FINISH GRADE SURFACE BY QUALIFIED PERSONNEL. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ANY DEVIATION FROM THE FINISH GRADE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. SEE EXISTING CONDITIONS FOR BENCHMARK INFORMATION.

ALL EXISTING AREAS NOT TO BE PAVED, SLOPED OR OTHERWISE TREATED SHALL REMAIN IN PLACE, UNLESS OTHERWISE NOTED.

**CONCRETE FINISHES**

MINIMUM COMPACTION 90%

MINIMUM FINISH 50%

SUBGRADE FILL BELOW PAVED AREAS 90%

TRENCH BACKFILL 90%

TRUCK BEDS, DRIVEWAYS AND SAND BEAMWAY BACKFILL 90%

BELOW LOAM AND SEED AREAS 90%

\*ALL PERCENTAGES OF COMPACTION SHALL BE OF THE MAXIMUM DRY DENSITY AT THE OPTIMUM MOISTURE CONTENT AS DETERMINED AND CONTROLLED IN ACCORDANCE WITH ASTM D 1557. UNLESS OTHERWISE NOTED.

5. PROVIDE STABILIZATION OR SEPARATION GEOTEXTILE FABRIC OVER UNSTABLE SOILS AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
6. ALL ROOF DRAIN PIPES SHALL CONFORM WITH THE PROJECT SPECIFICATIONS AND SHALL BE INSTALLED TO THE EXTERIOR SURFACE OF THE ROOF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL ROOF DRAINS.
7. CATCH BASINS SHALL BE INSTALLED IN THE SPRING AND FALL OF EACH YEAR. ANY 12" SHALL BE CLEANED, DISPOSED OF ACCUMULATED SEDIMENT SHALL BE IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.
8. SITE PREPARATION SHALL BE COMPLETED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT PREPARED BY S.W. COLE ENGINEERING INC. IN DECEMBER 2002.

**PAD PREPARATION NOTE.**

ALL UNSTABLE MATERIALS, INCLUDING TRENCHES, AND THE UNDERLYING SURFACE SHOULD BE REMOVED TO A MINIMUM OF 2 FEET BELOW THE FINISH GRADE AND REPLACED WITH STABLE MATERIAL. THE REMOVED MATERIAL SHALL BE STOCKPILED OR REMOVED FROM THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL PAD AREAS.

ALL BUILDING PAD AREAS SHALL BE DENSELY REINFORCED PRIOR TO PLACING OTHER WORK. REFER TO CONTRACT SPECIFICATIONS AND FOUNDATION AND FLOOR SLABS SHALL BE COMPLETED IN ACCORDANCE WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT PREPARED BY S.W. COLE ENGINEERING INC. IN DECEMBER 2002.

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DRAWN: JIM SCALE: 1"=20'  
DESIGNED: JIM SCALE: 1"=20'  
FILE NAME: 20057  
SHEET: C-4

PROJECT: SENIOR HOUSING FACILITY & HEALTH CENTER  
SHEET TITLE: GRADING, DRAINAGE & EROSION CONTROL PLAN  
CLIENT: VOLUNTEERS OF AMERICA

REVISIONS

REV	DATE	DESCRIPTION
1	02/11/04	RELEASED FOR CONSTRUCTION
2	02/11/04	ISSUED FOR PLANNING AUTHORITY
3	02/24/04	ISSUED FOR PLANNING AUTHORITY
4	02/24/04	ISSUED FOR PLANNING AUTHORITY
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