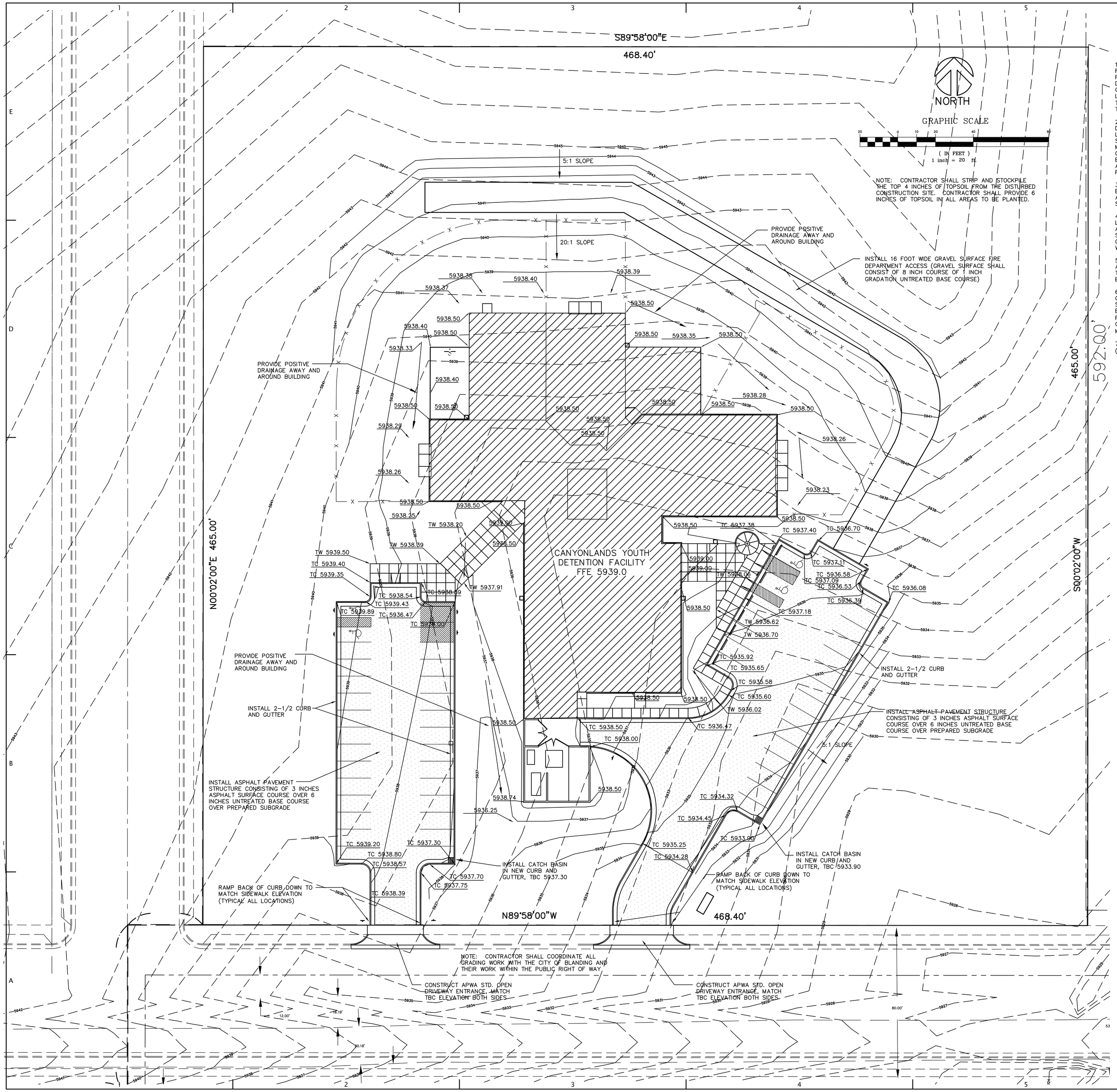

NOTE: CONTRACTOR SHALL STRIP AND STOCKPILE THE TOP 4 INCHES OF TOPSOIL FROM THE DISTURBED CONSTRUCTION SITE. CONTRACTOR SHALL PROVIDE 6 INCHES OF TOPSOIL IN ALL AREAS TO BE PLANTED.

NOTE: CONTRACTOR SHALL COORDINATE ALL GRADING WORK WITH THE CITY OF BLANDING AND THEIR WORK WITHIN THE PUBLIC RIGHT OF WAY.

NOTES

1. CONTRACTOR SHALL HAVE READ AND BE FAMILIAR WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL INVESTIGATION OF THE SITE, PREPARED BY APPLIED GEOTECHNICAL ENGINEERING CONSULTANTS AND DATED DECEMBER 11, 2001. THE SUBSURFACE MATERIALS ENCOUNTERED AT THE SITE CONSIST OF APPROXIMATELY 2 TO 3 INCHES OF TOPSOIL OVERLYING SILTY TO LEAN CLAY AND SILTY SAND. SANDSTONE BEDROCK WAS ENCOUNTERED BELOW THE SOIL AT DEPTHS RANGING FROM APPROXIMATELY 3 TO 10-1/2 FEET BELOW THE EXISTING GROUND SURFACE.

2. CONTRACTOR SHALL REMOVE ALL VEGETATION, TOPSOIL, AND OTHER DELETERIOUS MATERIALS FROM ALL AREAS WHICH WILL BE STRUCTURALLY LOADED OR BE WITHIN THE LIMITS OF PAVEMENT AREA. THE SUBGRADE SHOULD BE SCARIFIED TO A DEPTH OF APPROXIMATELY 8 INCHES, THE MOISTURE ADJUSTED TO WITHIN 2 PERCENT OF OPTIMUM AND THE SUBGRADE COMPACTED TO 90 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557. THE SUBGRADE SHOULD BE PROOF-ROLLED TO IDENTIFY SOFT AREAS. SOFT AREAS SHOULD BE REMOVED AND REPLACED WITH GRANULAR FILL.

3. ALL NON-ENGINEERED FILL, OLD FOUNDATIONS, FLOOR SLABS, BASEMENT WALLS, AND SIMILAR MATERIALS, MUST BE REMOVED FROM AN AREA EXTENDING OUT FIVE FEET FROM THE PERIMETER OF ALL PROPOSED STRUCTURES OR PAVEMENT AREAS.

4. SITE GRADING FILL MATERIAL SHALL BE PLACED IN MAXIMUM LOOSE LIFT THICKNESSES OF 10 INCHES, EACH LIFT SHALL THEN BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY BENEATH CONCRETE SLABS AND PAVEMENTS AS DETERMINED BY ASTM D1557. TO FACILITATE THE COMPACTION, THE FILL SHOULD BE COMPACTED AT A MOISTURE CONTENT WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT.

5. NO GRADE CHANGES WILL BE PERMITTED FROM THAT SHOWN AND APPROVED ON THIS PLAN WITHOUT RESUBMITTING THE PROPOSED CHANGES TO THE OWNER, HIS REPRESENTATIVE, AND TO THE TAYLORSVILLE CITY ENGINEERING DIVISION.

6. ASPHALT AND AGGREGATE BASE MATERIAL SHALL CONFORM WITH CRITERIA SPECIFIED IN SECTIONS 301 AND 402 OF THE STATE OF UTAH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1992 EDITION. ALL BASE MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY (ASTM D-1557). ASPHALT SURFACE COURSE SHALL BE COMPACTED TO A MINIMUM OF 94 PERCENT OF THE MARSHALL MAXIMUM DENSITY (50 BLOW).

7. REFER TO LANDSCAPE PLAN FOR ADDITIONAL SITE CONCRETE REQUIREMENTS (MOWSTRIPS, ETC.).

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REGISTERED PROFESSIONAL ENGINEER
GEORGE WILLIAM BUYS
No. 152806
STATE OF UTAH

UTAH DIVISION OF YOUTH CORRECTIONS
CANYONLANDS YOUTH CENTER

244 W. 1600 S. BLANDING, UT 84511

Mark	Date	Description

DFCM #	01025430
Project #	01365
CAD File	46249 BASE 30APR02
Drawn	
Checked	
Date	05/08/02

GRADING PLAN

BUSH & GUDGELL, INC.
Engineers – Planners – Surveyors
555 South 300 East, Salt Lake City, Utah 84111
(801) 364-1212 Fax (801) 364-1225
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