

CONSTRUCTION PLANS for HILLSBOROUGH COUNTY SHERIFF'S OFFICE TRAINING FACILITY GUN RANGE SAFETY IMPROVEMENTS FEBRUARY 2014

Prepared By

**JBM & R
ENGINEERING, INC.**

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C.A.N. # 7457

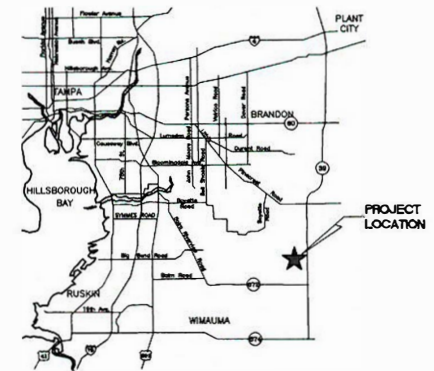
Ralph Remmert, P.E.
Florida Registration No. 39610



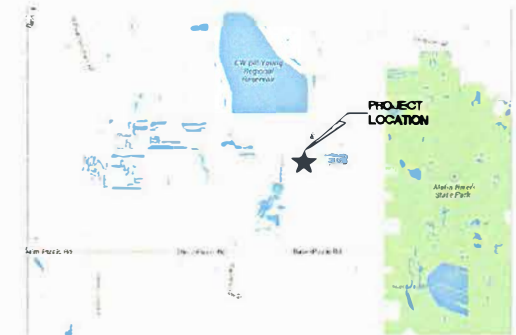
FLORIDA STATE MAP
NOT TO SCALE

DRAWING INDEX

DWG. NO.	TITLE
C-1	COVER SHEET
C-2	OVERALL SITE PLAN
C-3	BERM GRADING & DRAINAGE PLAN
C-4	BORROW PILE PLAN & CROSS-SECTIONS



SITE VICINITY MAP
NOT TO SCALE

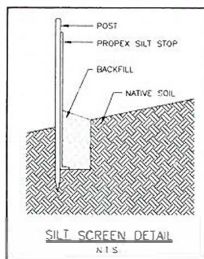


SITE LOCATION MAP
NOT TO SCALE



	4	02/17/14	Issued for Bid	RR	RR
	3	02/14/14	Per County Comments	RR	RR
	2	01/09/14	Submitted to HC	RR	RR
	1	08/09/13	Submitted to CPC	RR	RR
	0	01/11/13	Issued for Review	RR	RR
REVISIONS DRAWINGS					
NO.	DATE	REVISION	BY	CHK	APP
Full Title			P.O. BOX 2566 Valrico, FL 33595 Tel: 813.586.4543 (C) 813.741.2189 (D) 813.653.0901 (Fax)		
Full Description			DESIGN: CTR		
Scale: 1" = 10' - 0"			C-2		
Notes: 1. All dimensions shall be as shown on the drawings. 2. All dimensions shall be as shown on the drawings. 3. All dimensions shall be as shown on the drawings. 4. All dimensions shall be as shown on the drawings. 5. All dimensions shall be as shown on the drawings. 6. All dimensions shall be as shown on the drawings. 7. All dimensions shall be as shown on the drawings. 8. All dimensions shall be as shown on the drawings. 9. All dimensions shall be as shown on the drawings. 10. All dimensions shall be as shown on the drawings. 11. All dimensions shall be as shown on the drawings. 12. All dimensions shall be as shown on the drawings. 13. All dimensions shall be as shown on the drawings. 14. All dimensions shall be as shown on the drawings. 15. All dimensions shall be as shown on the drawings. 16. All dimensions shall be as shown on the drawings. 17. All dimensions shall be as shown on the drawings. 18. All dimensions shall be as shown on the drawings. 19. 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NOTE: TREE LOCATIONS ARE APPROXIMATE
CONTRACTOR TO FIELD VERIFY PRIOR TO
REMOVAL. NO TREES OUTSIDE OF
CONSTRUCTION AREA SHALL BE REMOVED.



EROSION CONTROL
SEQUENCE NOTES:

1. PRIOR TO GENERAL SITE FILL OPERATION, INSTALL SILT FENCE AS INDICATED ON PLAN.
2. CONTRACTOR SHALL INSPECT AFTER EVERY RAINFALL EVENT GREATER THAN 0.25", OR AT LEAST WEEKLY AND, AS NECESSARY, REPAIR ANY DAMAGE TO EROSION AND SEDIMENTATION CONTROL DEVICES.
3. UPON COMPLETION OF CONSTRUCTION AND FINAL ACCEPTANCE, CONTRACTOR SHALL REMOVE ALL EROSION AND SEDIMENTATION CONTROL DEVICES.

BENCHMARK INFORMATION:

ELEVATIONS SHOWN HEREON ARE BASED ON MILLSBOROUGH COUNTY BENCHMARK VC-226 WITH A REPORTED ELEVATION OF 106.59 FEET (NAVD 1988), AND VC-227 WITH A REPORTED ELEVATION OF 97.81 FEET (NAVD 1988) AND VR-B WITH A REPORTED ELEVATION OF 102.12 FEET (NAVD 1988) AND PC-A WITH A REPORTED ELEVATION OF 106.17 FEET (NAVD 1988).

VERTICAL DATUM CONVERSION NOTE:

THE VERTICAL DATUM UTILIZED FOR THIS PROJECT IS NAVD 1988,
US SURVEY FEET. NAVD 1988 + 0.96 FEET = 1929. CONVERSION
DONE WITH VERTCON PROGRAM. CONTRACTOR TO VERIFY.

FLOOD ZONE INFORMATION:

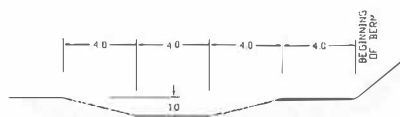
SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE "X"
ACCORDING TO FLOOD INSURANCE RATE MAP COMMUNITY
PANEL NO. 12057C0545H BEARING AN EFFECTIVE DATE OF
AUGUST 28, 2008.

SITE DATA

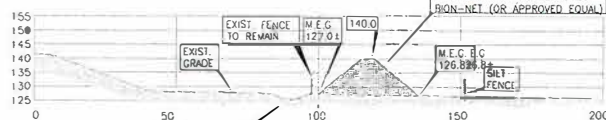
FOLIO #'s 088548.5000
SEC/1WP/RGE: 13/31/21
TOTAL LAND AREA: 320 ACRES
PROJECT AREA: 1.5 ACRES
FLOOD ZONES: "X" Panel No. 12057C0545H
EXISTING ZONING: AR
EXISTING USE: TRAINING FACILITY
PROPOSED USE: TRAINING FACILITY
PARKING REQUIRED: NO ADDITIONAL

LEGEND

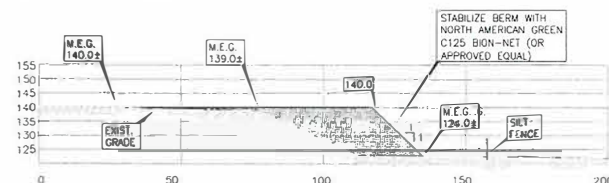
-  PROPOSED EARTHEN BERM
-  PROPOSED RE-ROUTED DIRT ROAD



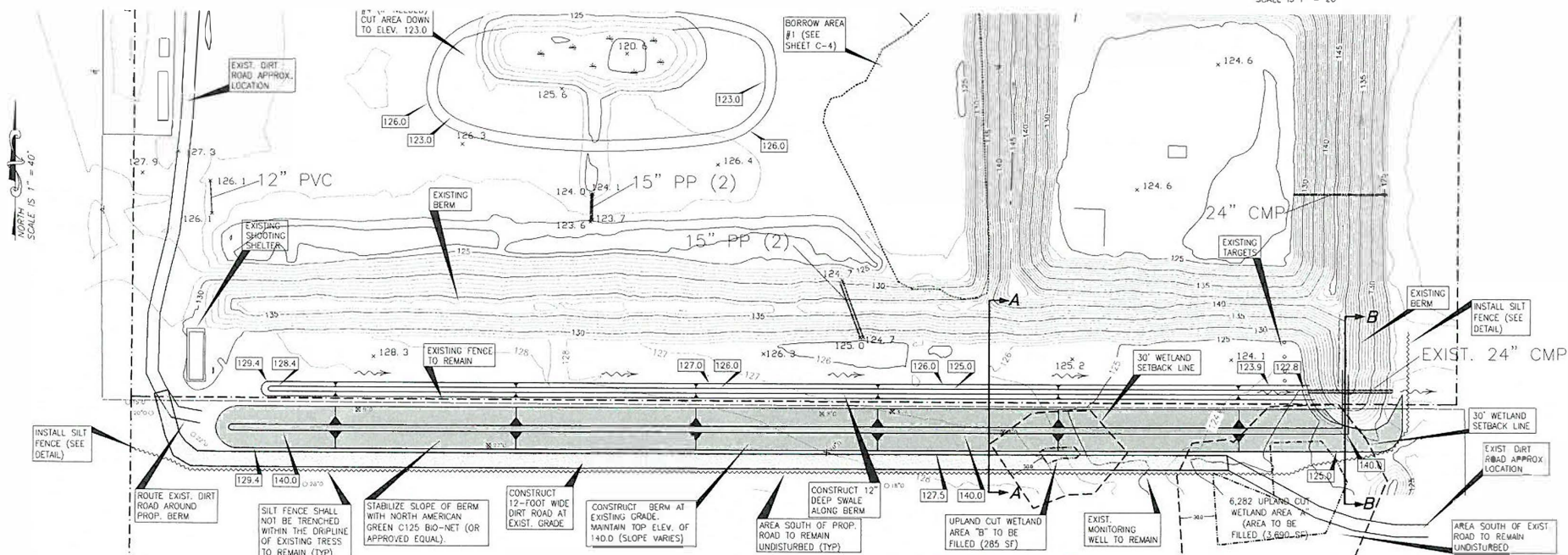
TYPICAL SWALE DETAIL
N.I.S.



SECTION A-A
SCALE IS 1" = 20'



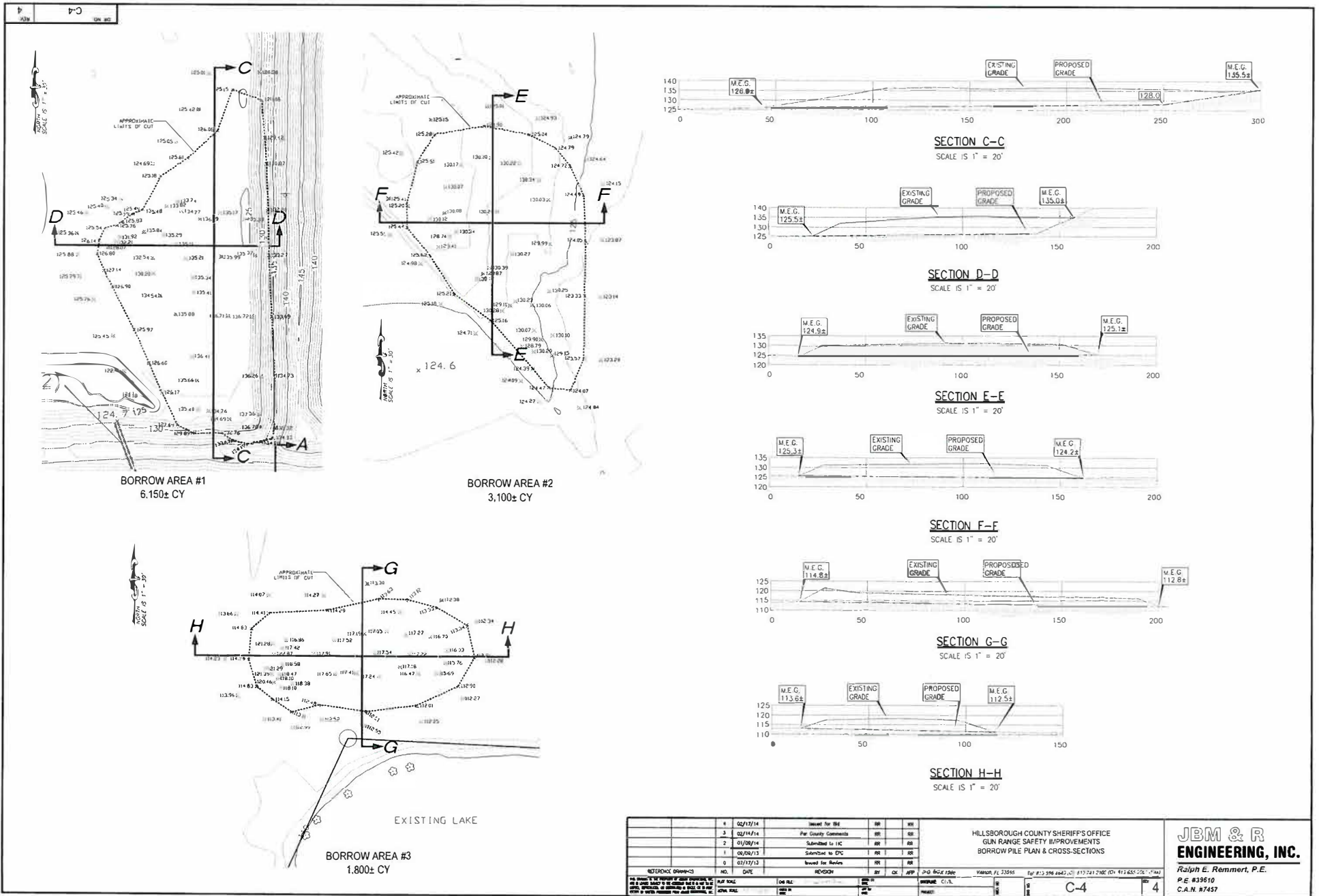
SECTION B-B
SCALE IS 1" = 20'

[illegible]

HILLSBOROUGH COUNTY SHERIFF'S OFFICE
GUN RANGE SAFETY IMPROVEMENTS
BERM GRADING & DRAINAGE PLAN

**JBM & R
ENGINEERING, INC.**

Ralph E. Remmert, P.E.
P.E. #39610
C.A.N. #7457



1	02/17/14	Issued for B&E	BB	BB
2	02/18/14	Per County Comments	BB	BB
3	01/09/14	Submitted to IAC	BB	BB
4	02/06/15	Submitted to CPC	BB	BB
5	02/17/13	Issued for Review	BB	BB

NO.	DATE	REVISION	BY	CHK	APP	CHK	APP	DATE
1	02/17/14	Issue for B&E	BB	BB	BB	BB	BB	02/17/14

HILLSBOROUGH COUNTY SHERIFF'S OFFICE
GUN RANGE SAFETY IMPROVEMENTS
BORROW PILE PLAN & CROSS-SECTIONS

C-4

JBM & R ENGINEERING, INC.
Ralph E. Remmert, P.E.
P.E. #39610
C.A.N. #7457