

# ENVIRONMENTAL RESOURCE PERMIT FOR 3RT SAND MINE

SECTION 35, TOWNSHIP 12 SOUTH, RANGE 17 EAST  
NORTHEAST 110TH AVENUE  
BRONSON, LEVY COUNTY, FLORIDA

## PROJECT INFORMATION

PERMITTEE: RYAN B. THOMAS, OWNER  
11151 NORTHEAST 35TH STREET  
BRONSON, FLORIDA 32621  
PHONE: (352) 258-9547

ENGINEER: DNM ENGINEERING & ASSOCIATES, INC.  
CONTACT: DOUGLAS A. VANDEURSEN, P.E.  
POST OFFICE BOX 42  
OCALA, FLORIDA 34478  
TELEPHONE: (352) 624-2068  
FAX: (352) 622-6643

GENERAL PURPOSE: TO MINE 400± ACRES OF AGRICULTURAL LAND FOR FINE SAND AND CLAYEY SAND.

## GENERAL NOTES:

1. THIS SET OF PLANS IS NOT TO BE USED FOR ANY PURPOSE UNLESS ALL SHEETS LISTED IN THE INDEX ARE INCLUDED IN THE SET, SECURELY BOUND AND EACH SHEET PROPERLY CERTIFIED.
2. ALL CONSTRUCTION COVERED BY THESE PLANS MUST CONFORM TO THE LATEST MATERIAL AND PROCEDURES REQUIREMENTS AND QUALITY CONTROL STANDARDS REQUIRED BY THE LEVY COUNTY "LAND DEVELOPMENT CODE," AS APPLICABLE.
3. ANY DEVIATION FROM THESE PLANS REQUIRES PRIOR WRITTEN APPROVAL FROM THE PROFESSIONAL ENGINEER OF RECORD AND, IF APPLICABLE, FROM THE PROPERTY OWNER.
4. THE OWNER/CONTRACTOR FOR THE PROJECT IS HEREBY REQUIRED, AS PART OF THE CONTRACT, TO REVIEW EACH SHEET OF THE SET AND STUDY THEIR CORRELATION PRIOR TO MINING ACTIVITIES. OWNER/CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND ON THESE PLANS.
5. OWNER/CONTRACTOR IS HEREBY REQUIRED TO IMPLEMENT SITE SAFETY AT ALL TIMES PER OSHA.
6. THE OWNER/CONTRACTOR IS HEREBY REQUIRED TO CONTACT ALL PERTINENT UTILITY COMPANIES, FIELD VERIFY THE LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UTILITIES PERTINENT TO THE PROJECT PRIOR TO STARTING CONSTRUCTION.
7. ALL SIGN AND MARKINGS MATERIAL SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SAFETY PRACTICES FOR STREET AND HIGHWAYS AND UTILITY OPERATIONS.
8. THIS PROJECT FALLS WITHIN THE JURISDICTION OF THE FOLLOWING REGULATORY / MUNICIPAL AGENCIES. CONSTRUCTION SHALL COMMENCE ONLY AFTER APPROVAL OF ALL APPLICABLE PERMITS.  
- SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SAND MINE)  
- FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (SAND MINE)
9. DNM ENGINEERING & ASSOCIATES, INC. AND ITS EMPLOYEES ARE NOT RESPONSIBLE FOR ON-SITE SAFETY DURING CONSTRUCTION.



## INDEX OF SHEETS

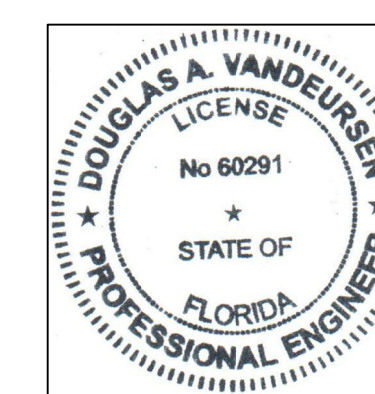
SHEET	DESCRIPTION
CVR	COVER SHEET
SUR	SURVEY
SM1	PROPERTY OWNERSHIP MAP
SM2	SITE PLAN
SM3	TOPOGRAPHIC MAP
SM4	CROSS SECTIONS
SM5	CROSS SECTIONS
SM6	WELL LOCATION MAP

**DNM ENGINEERING & ASSOCIATES, Inc.**

POST OFFICE BOX 42  
OCALA, FLORIDA 34478

(352) 624-2068  
FAX: (352) 622-6643  
CAN: 9724

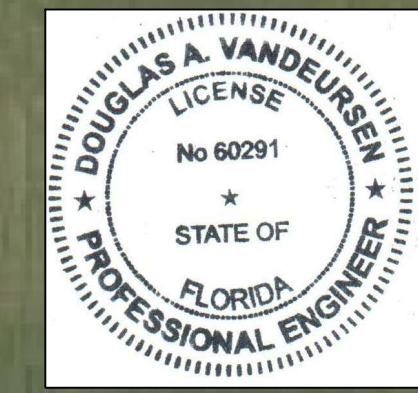
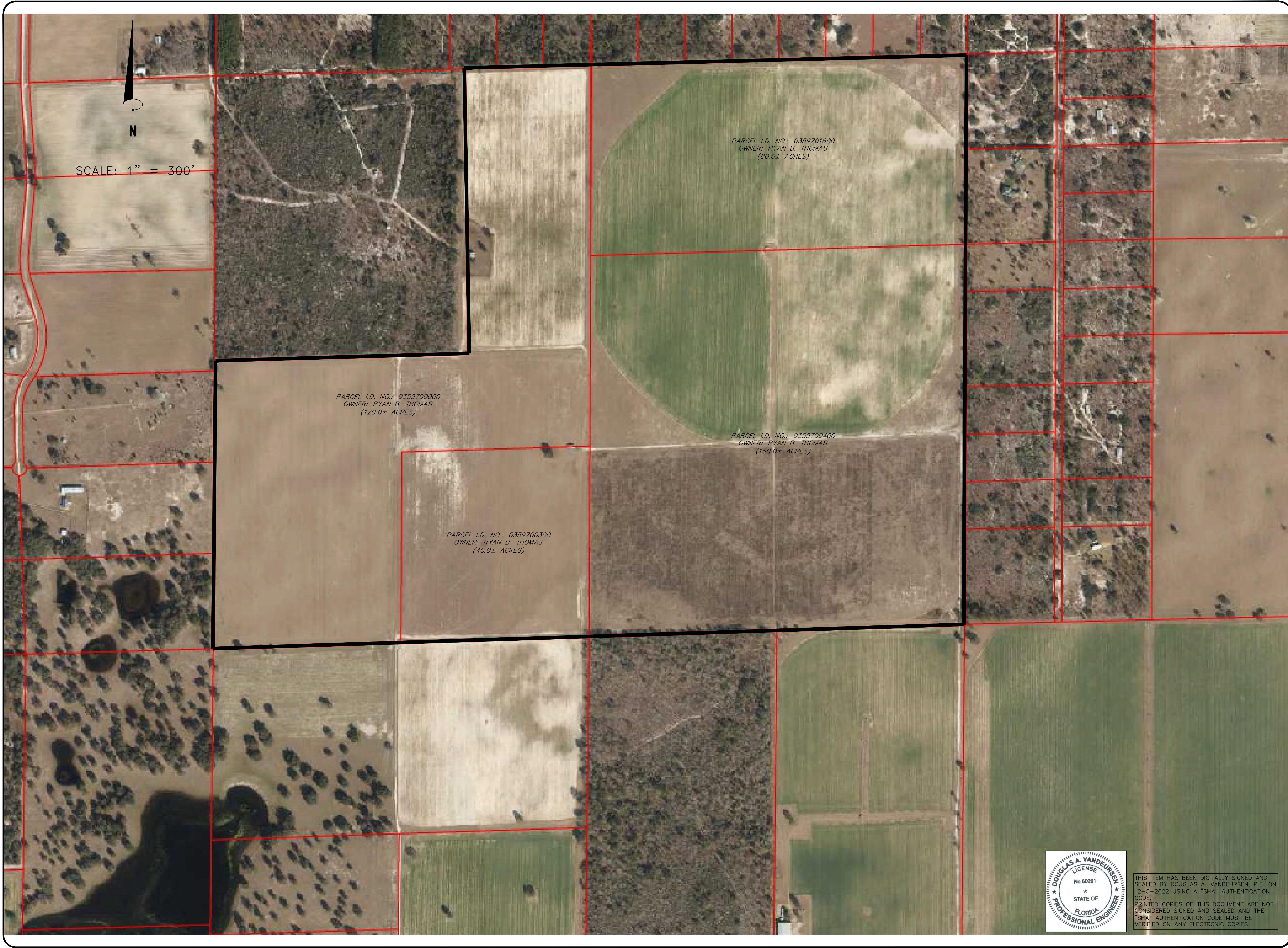
Digitally signed  
by DOUGLAS A.  
VANDEURSEN, P.E.  
Date: 2022.12.05  
13:00:40 -05'00'



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSEN, P.E. ON 12-5-2022 USING A "SHA" AUTHENTICATION CODE.  
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



**PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)**  
 For construction permits, the Permittee shall notify the District in writing when construction begins.



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSEN, P.E. ON 12-5-2022 USING A "SHA" AUTHENTICATION CODE.  
 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**DNM ENGINEERING & ASSOCIATES, INC.**  
 P.O. BOX 42  
 (352) 624-2068  
 OCALA, FLORIDA 34478  
 FAX (352) 622-6643  
 CAN: 9724

**PROPERTY OWNERSHIP MAP**  
 3RT SAND MINE  
 N.E. 110TH AVENUE  
 BRONSON, LEVY COUNTY, FLORIDA

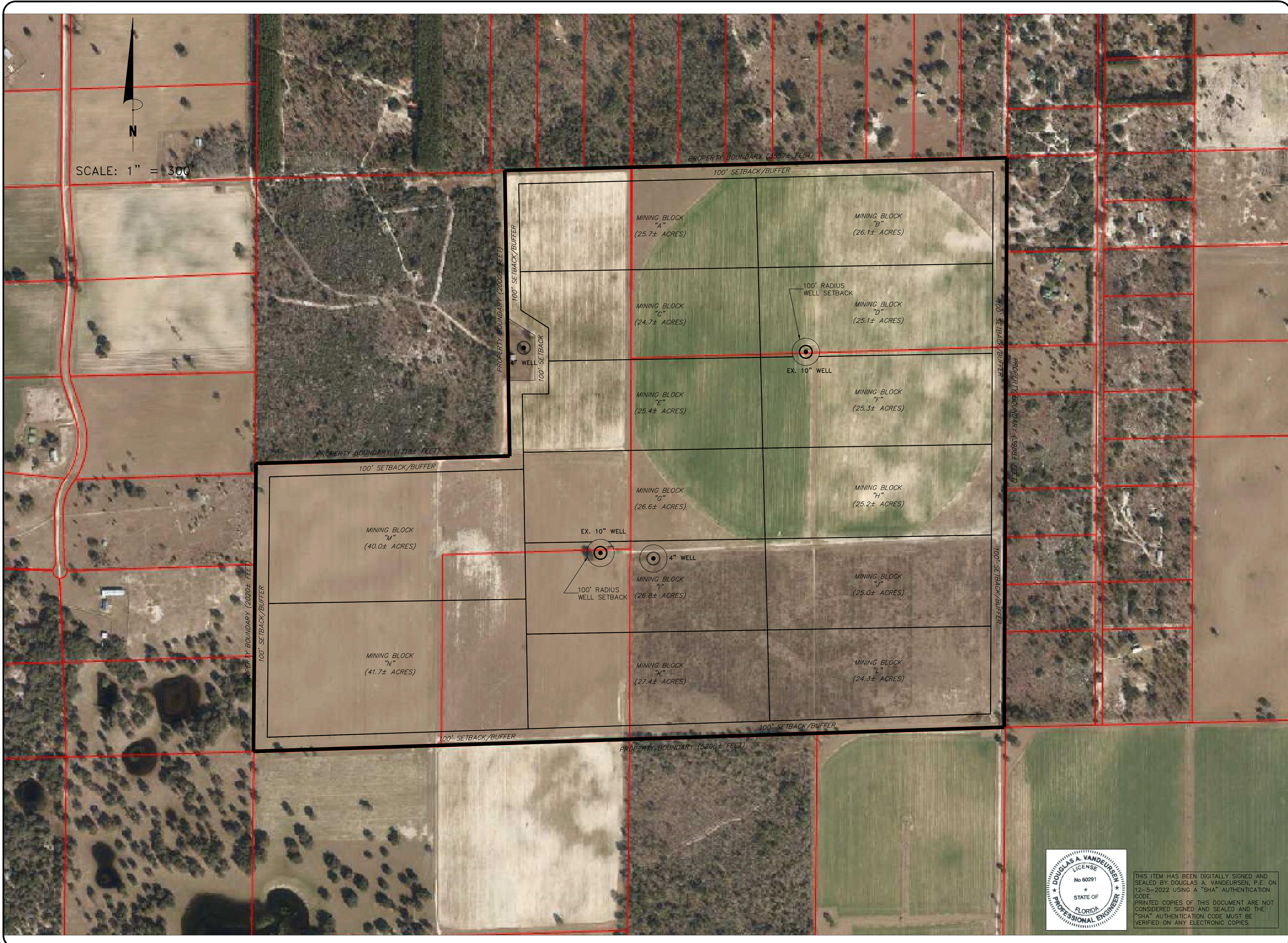
DRN	CHK	DATE	DESCRIPTION
DAV	DAV	13 SEP 22	ORIGINAL ISSUE

Project No. 22-084

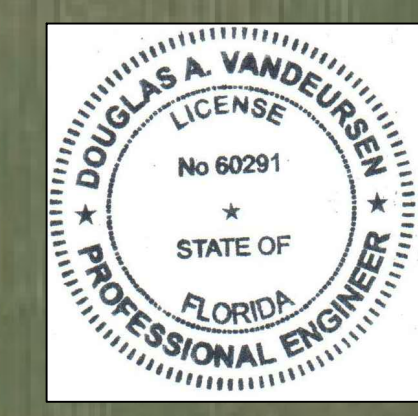
**SM1**

Sheet 3 Of 8

**PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)**  
 For construction permits, the Permittee shall notify the District in writing when construction begins.



SCALE: 1" = 300'



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSER, P.E. ON 12-5-2022 USING A "SHA" AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**DNM ENGINEERING & ASSOCIATES, INC.**  
 P.O. BOX 42  
 (352) 624-2068  
 OCALA, FLORIDA 34478  
 FAX (352) 622-6643  
 CAN: 9724

**SITE PLAN**  
**3RT SAND MINE**  
**N.E. 110TH AVENUE**  
**BRONSON, LEVY COUNTY, FLORIDA**

DRN	CHK	DATE	DESCRIPTION
DAV	DAV	13 SEP 22	ORIGINAL ISSUE

Project No. 22-084

**SM2**

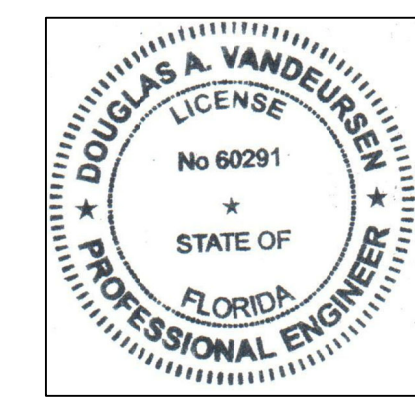
Sheet 4 Of 8

**PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)**  
 For construction permits, the Permittee shall notify the District in writing when construction begins.



SCALE: 1" = 200'

VERTICAL DATA IS BASED ON LEVY COUNTY VERTICAL CONTROL POINT "S 584", PUBLISHED ELEVATION = 105.26, NAVD-88.

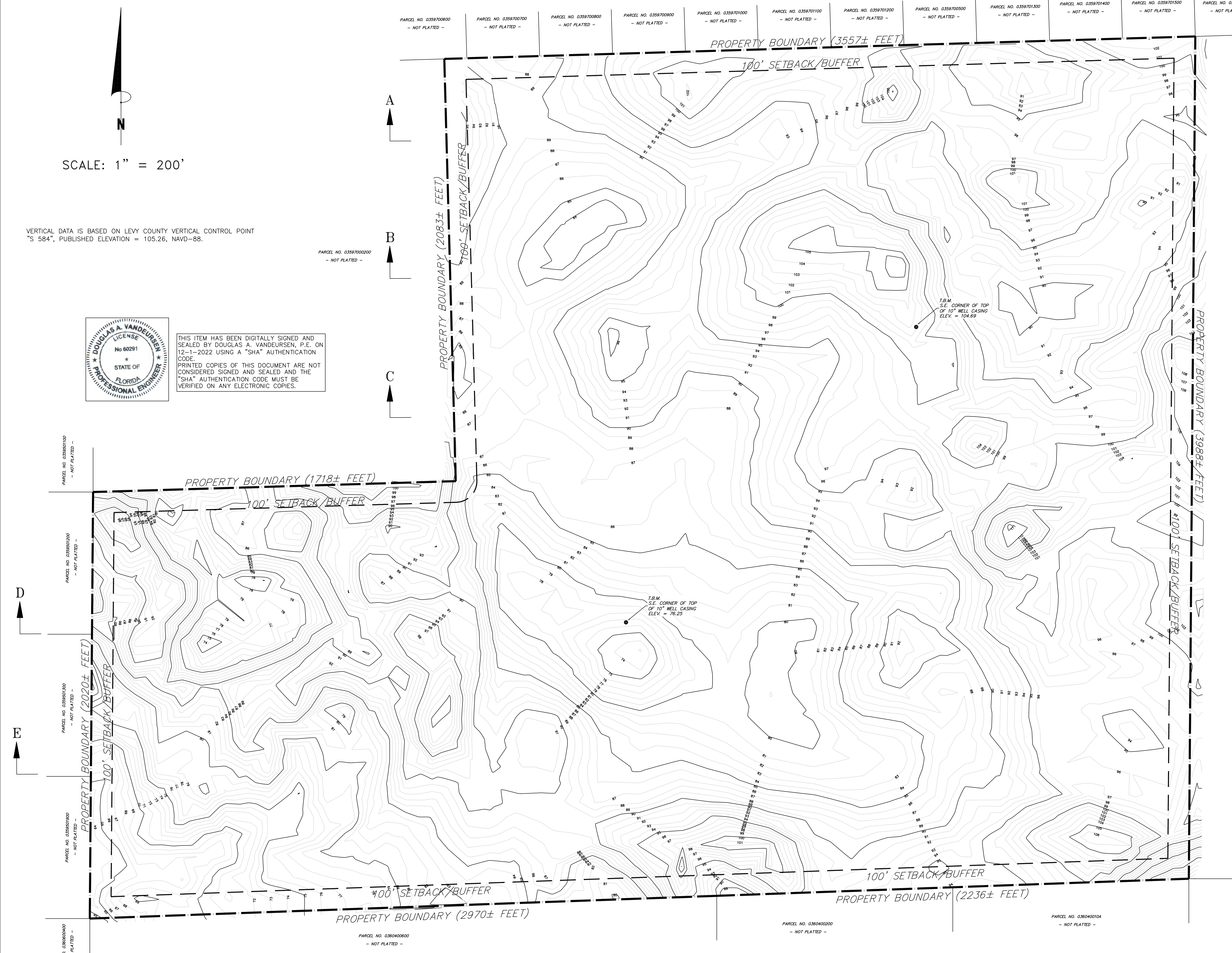


THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSEN, P.E. ON 12-1-2022 USING A "SHA" AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

PARCEL NO. 0359700200  
- NOT PLATTED -

A  
B  
C

A  
B  
C  
D  
E



**DNM ENGINEERING & ASSOCIATES, INC.**  
 OCALA, FLORIDA 34478  
 P.O. BOX 42  
 (352) 624-2068  
 FAX (352) 622-6643  
 CAN: 9724

**TOPOGRAPHY MAP**  
 3RT SAND MINE  
 N.E. 110TH AVENUE  
 BRONSON, LEVY COUNTY, FLORIDA

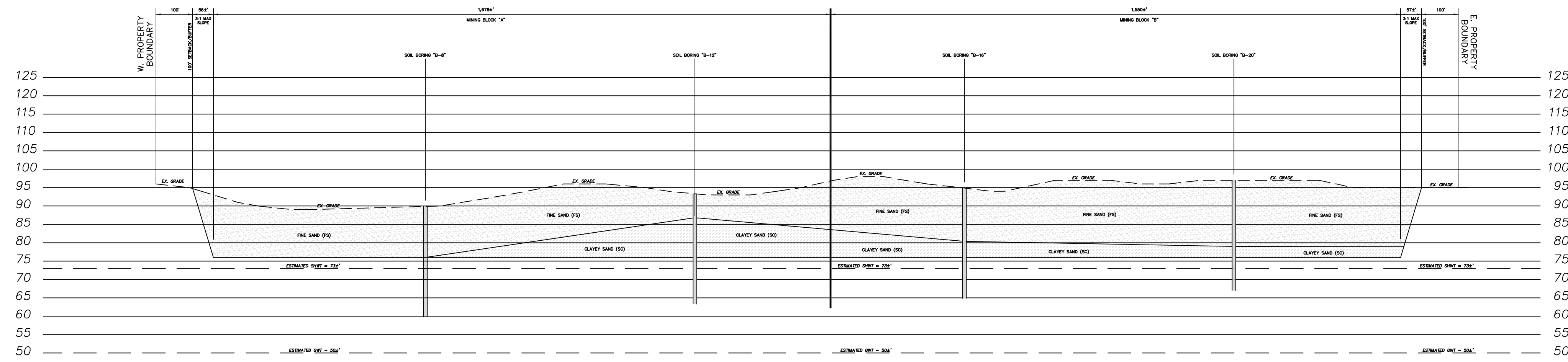
DRN	CHK	DATE	DESCRIPTION
DAV	DAV	13 SEP 22	ORIGINAL ISSUE
DAV	DAV	01 DEC 22	REVISED PER SWFWMD COMMENTS

Project No. 22-084

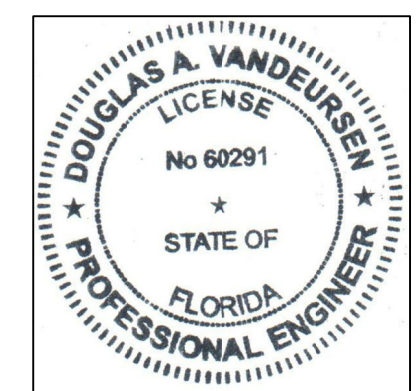
**SM3**

Sheet 5 Of 8

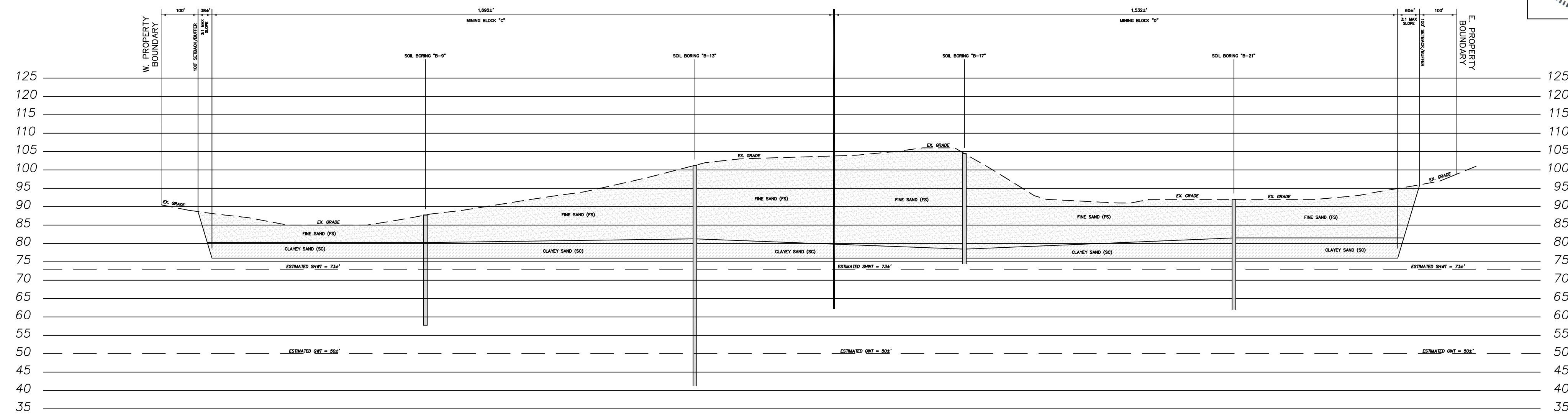
PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)  
 For construction permits, the Permittee shall notify the District  
 in writing when construction begins.



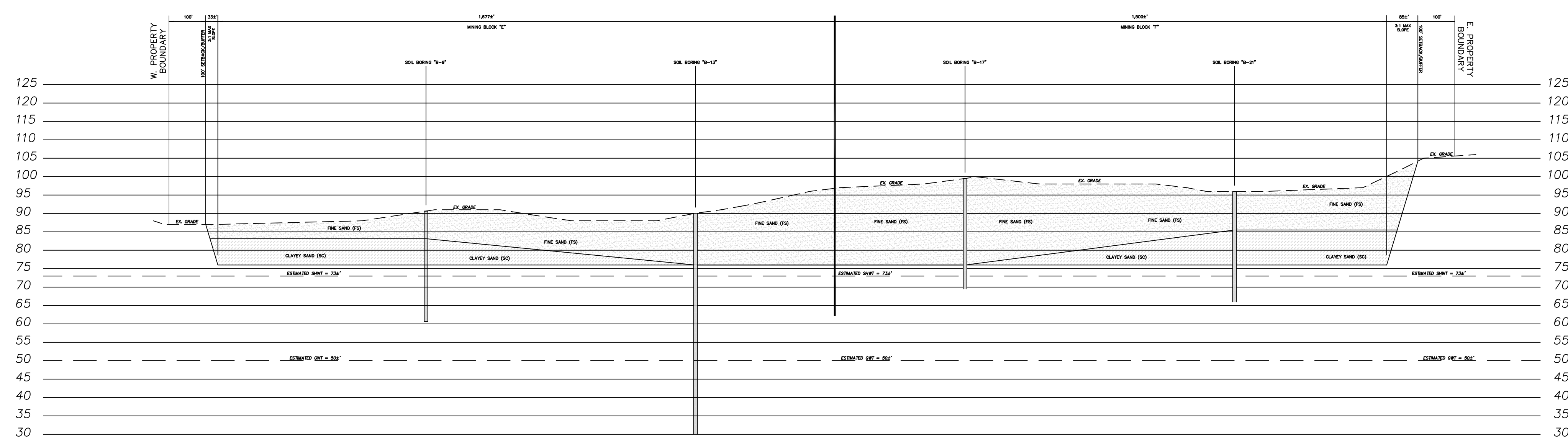
**CROSS SECTION "A - A"**  
 HORIZONTAL SCALE: 1" = 200 FEET  
 VERTICAL SCALE: 1" = 20 FEET



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSEM, P.E. ON 12-5-2022 USING A "SHA" AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



**CROSS SECTION "B - B"**  
 HORIZONTAL SCALE: 1" = 200 FEET  
 VERTICAL SCALE: 1" = 20 FEET

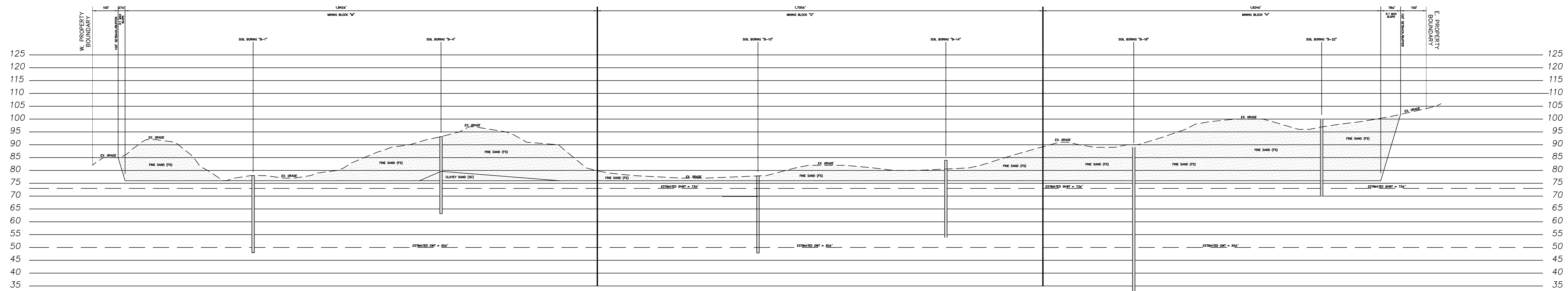


**CROSS SECTION "C - C"**  
 HORIZONTAL SCALE: 1" = 200 FEET  
 VERTICAL SCALE: 1" = 20 FEET

**DNM ENGINEERING & ASSOCIATES, INC.**  
 P.O. BOX 42  
 OCALA, FLORIDA 34478  
 (352) 624-2068  
 FAX (352) 622-6643  
 CAN: 9724

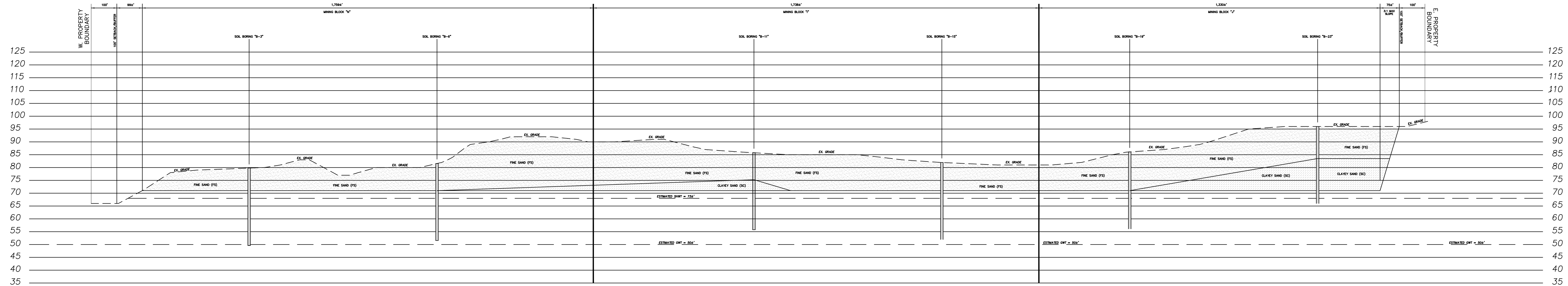
**CROSS SECTIONS**  
**3RT SAND MINE**  
**N.E. 110TH AVENUE**  
**BRONSON, LEVY COUNTY, FLORIDA**

DRN	CHK	DATE	DESCRIPTION
DAV	DAV	13 SEP 22	ORIGINAL ISSUE
DAV	DAV	05 DEC 22	REVISED PER SURVEY



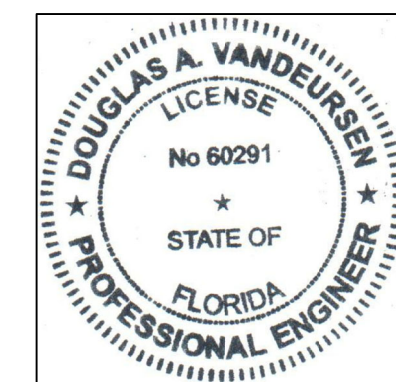
CROSS SECTION "D - D"

HORIZONTAL SCALE: 1" = 200 FEET  
 VERTICAL SCALE: 1" = 20 FEET



CROSS SECTION "E - E"

HORIZONTAL SCALE: 1" = 200 FEET  
 VERTICAL SCALE: 1" = 20 FEET



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSEM, P.E. ON 12-5-2022 USING A "SHA" AUTHENTICATION CODE.  
 PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

CROSS SECTIONS

3RT SAND MINE  
 N.E. 110TH AVENUE  
 BRONSON, LEVY COUNTY, FLORIDA

DNM ENGINEERING & ASSOCIATES, INC.

P.O. BOX 42  
 (352) 624-2068

OCALA, FLORIDA 34478  
 FAX (352) 622-6643  
 CAN: 9724

DRN	CHK	DATE	DESCRIPTION
DAV	DAV	13 SEP 22	ORIGINAL ISSUE
DAV	DAV	05 DEC 22	REVISED PER SURVEY

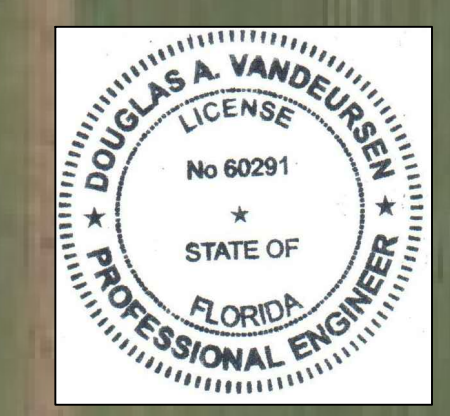
Project No. 22-084

SM5

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)  
 For construction permits, the Permittee shall notify the District  
 in writing when construction begins.



SCALE: 1" = 300'



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DOUGLAS A. VANDEURSEM, P.E. ON 12-5-2022 USING A "SHA" AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE "SHA" AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**DNM ENGINEERING & ASSOCIATES, INC.**  
 P.O. BOX 42  
 (352) 624-2068  
 OCALA, FLORIDA 34478  
 FAX (352) 622-6643  
 CAN: 9724

**WELL LOCATION MAP**  
 3RT SAND MINE  
 N.E. 110TH AVENUE  
 BRONSON, LEVY COUNTY, FLORIDA

DRN	CHK	DATE	DESCRIPTION
DAV	DAV	13 SEP 22	ORIGINAL ISSUE

Project No. 22-084

**SM6**

Sheet 8 Of 8