

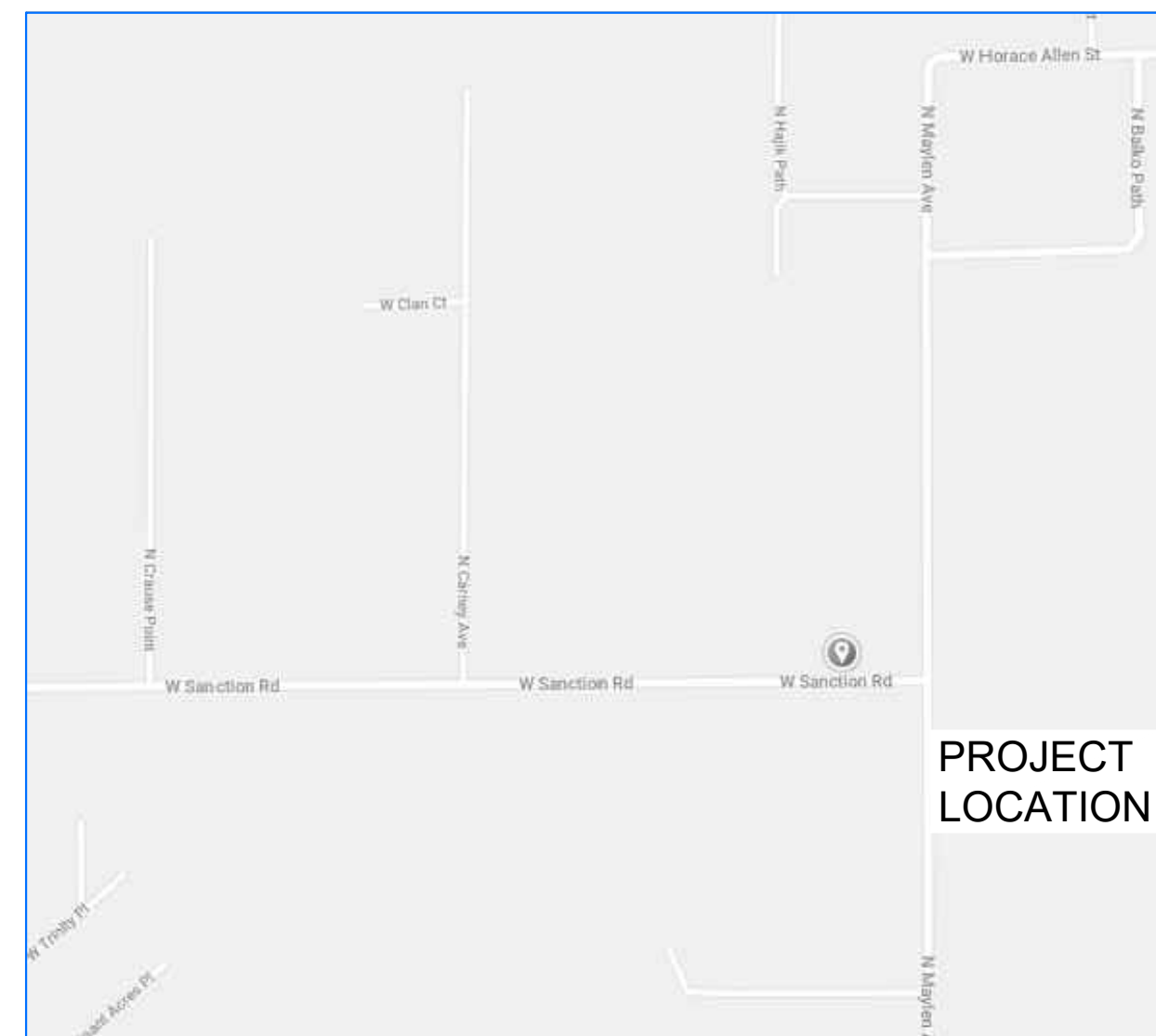
SITE CONSTRUCTION PLANS FOR
BACHSCHMIDT SAND MINE
LECANTO, FLORIDA
CITRUS COUNTY
KEY ID #: 2620889

SHEET INDEX		
#		DESCRIPTION
1	OF 4	COVER SHEET
2	OF 4	SITE PLAN
3	OF 4	POND GEOMETRY PLAN
4	OF 4	DETAILS AND EXHIBITS

LEGAL DESCRIPTION

SW1/4 OF SE1/4 SEC 29-18-18 - LESS & EXCEPT THE
FOL: BEG AT THE INTERSECTION OF THE W LINE OF
SW1/4 OF SE1/4 SEC 29-18-18, AND THE N R/W LINE OF
CO RD DESCR IN OR BK

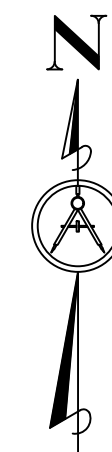
SECTION: 29, TOWNSHIP 18S, RANGE 18E



VICINITY MAP



AERIAL MAP




OWNER/DEVELOPER:

WILLIAM J BACHSCHMIDT
P.O. BOX 1396 INGLIS, FL
34449 PHONE (352)
796-6319 FAX (352)
799-9203

SURVEYOR:

ALL INFORMATION WAS FURNISHED BY SWFWMD
GIS WATERSHED DATA



PROCIVIL 360

CIVIL ENGINEERING/RESIDENTIAL &
COMMERCIAL SITE DEVELOPMENT /
PLANNING & ZONING / PERMITTING /
CONSTRUCTION SERVICES

2 SOUTH MAIN STREET, BROOKSVILLE, FL, 34601
PHONE - (352) 593-4255
WWW.PROCIVIL360.COM

SHA-1 AUTHENTICATION CODE

THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY KENNETH D.
RAVENCRAFT, P.E. ON _____ USING
A SHA-1 AUTHENTICATION CODE.

PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND
SEALED AND THE SHA-1 AUTHENTICATION
CODE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

KENNETH D. RAVENCRAFT, PE
D 5 11 00007

P.E.# 60227

PM/DRAWN BY:
AKG

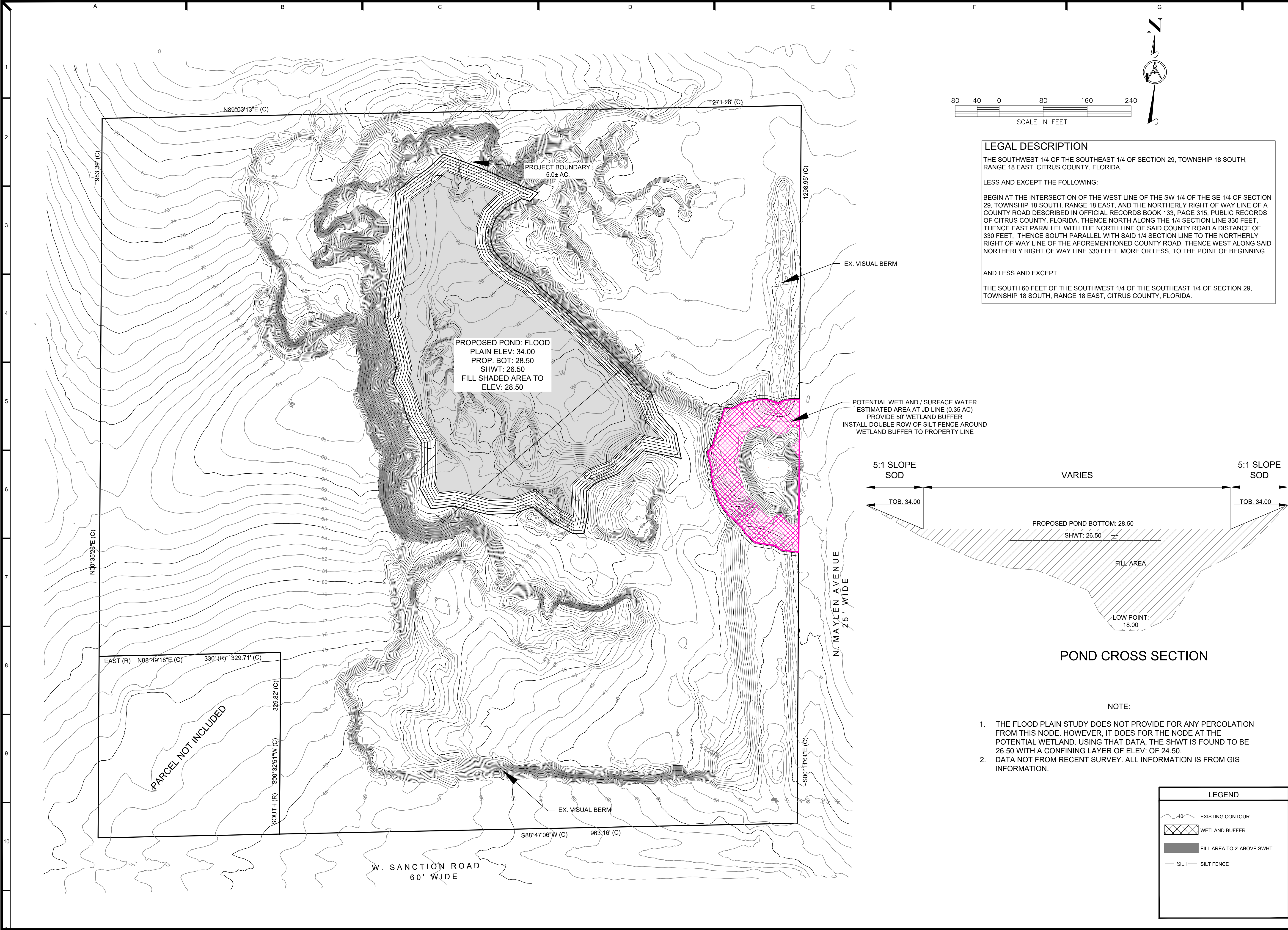
SCALE: NOTED	DATE: 9/13/18
-----------------	------------------

WP:	29
ANGE:	10

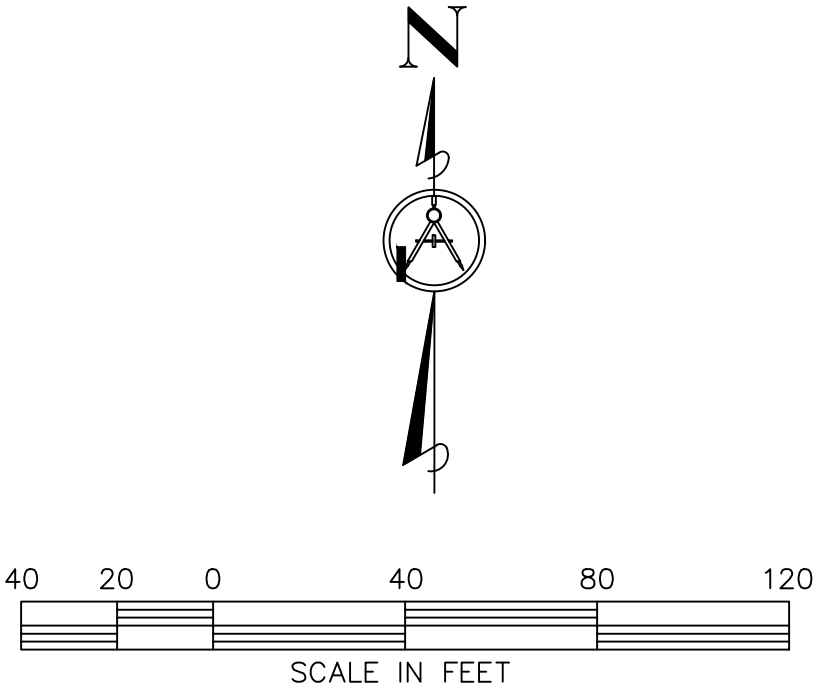
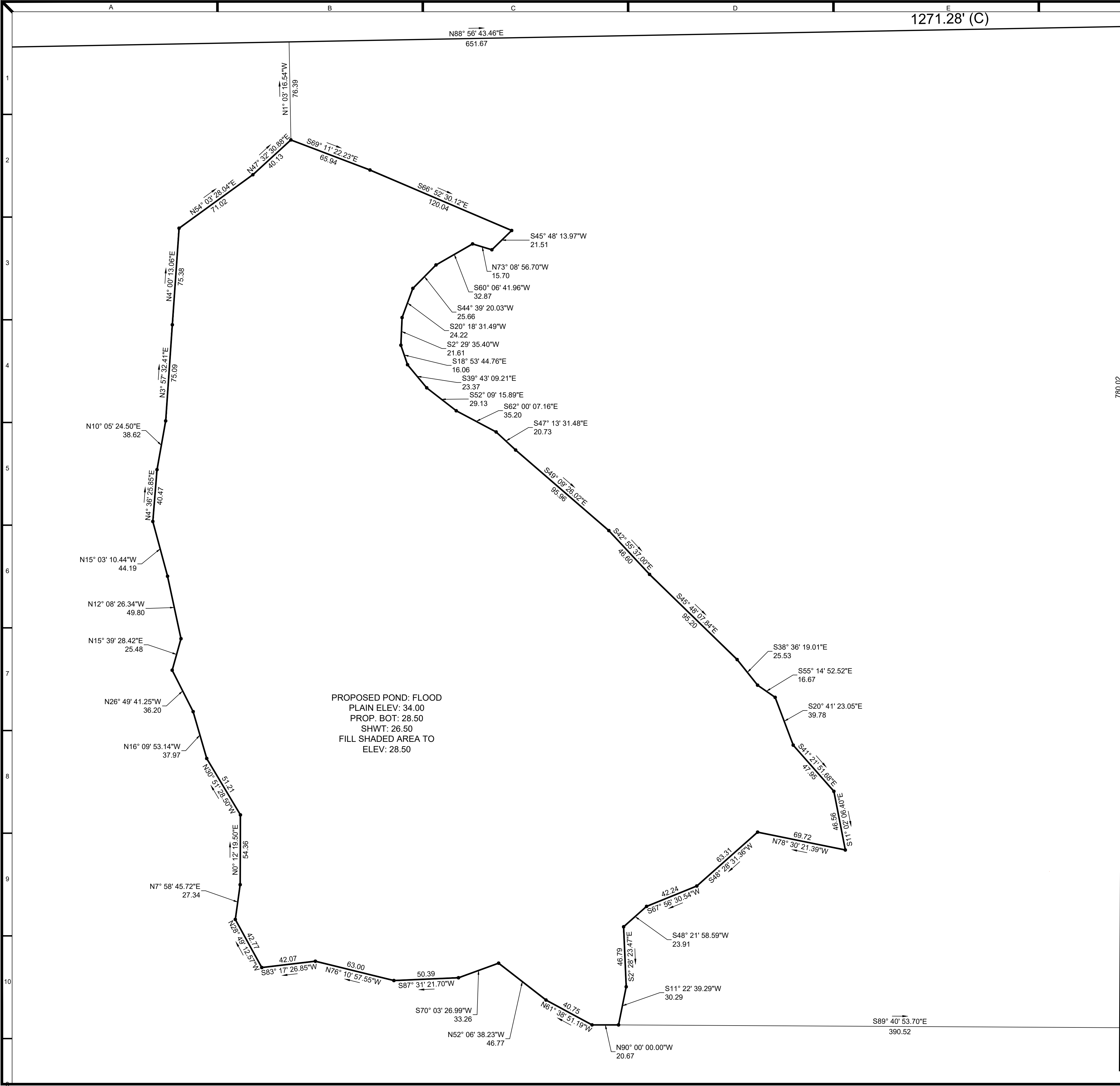
SHEET NO.

1 OF 4

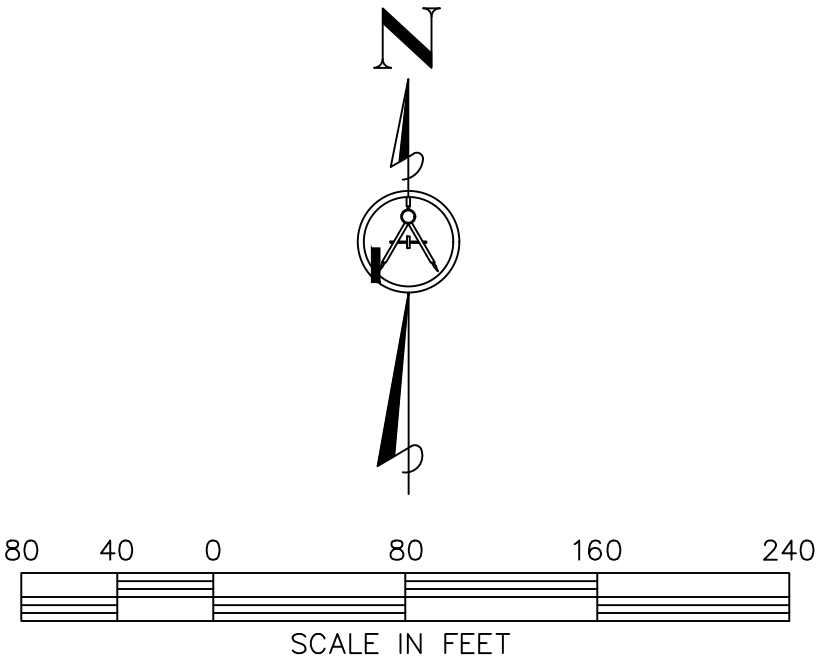
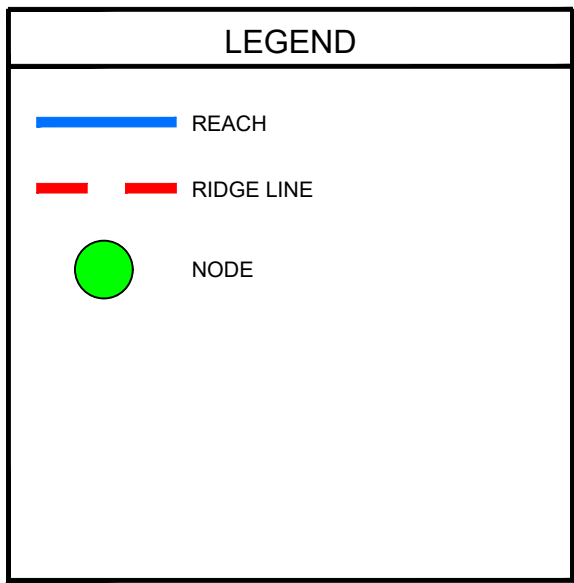
User Name: Frank	Plot Date: Sep 14, 2018 - 9:28am	Drawing Name: C:\Users\Frank\AppData\Local\Temp\AspPublish_2078\160450TE.dwg
------------------	----------------------------------	--



BACHSCHMIDT SAND MINE CITRUS COUNTY		SITE PLAN	
PRO-CIVIL-360		CIVIL ENGINEERING/RESIDENTIAL & COMMERCIAL SITE DEVELOPMENT / PLANNING & ZONING / PERMITTING / CONSTRUCTION SERVICES	
12 SOUTH MAIN STREET, BROOKSVILLE, FL 34601 PHONE - (352) 593-4255 WWW.PROCIVIL360.COM		KENNETH D. RAVENCRIFT, PE P.E.# 00227 EXAMINED AND APPROVED DATE: 9/13/18	
SHEET NO. 2		OF 4	



PMDRAWN BY: AKG		SCALE: NOTED	DATE: 9/13/18	SEC: 29	TWP: 29	RANGE: 18E	JOB NUMBER: 18045
SHEET NO. 3 OF 4							
BACHSCHMIDT SAND MINE CITRUS COUNTY							
POND GEOMETRY PLAN							
PRO-CIVIL-360 CIVIL ENGINEERING/RESIDENTIAL & COMMERCIAL SITE DEVELOPMENT / PLANNING & ZONING / PERMITTING / CONSTRUCTION SERVICES							
12 SOUTH MAIN STREET, BROOKSVILLE, FL 34601 PHONE - (352) 593-4255 WWW.PROCIVIL360.COM							
SHA-1 AUTHENTICATION CODE = _____ THIS ITEM HAS BEEN ELECTRONICALLY SIGNED BY KENNETH D. RAVENCRAFT, PE, P.E. USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.							
KENNETH D. RAVENCRAFT, PE P.E. # 00227 EXAMINED AND APPROVED DATE:							
User Name: P:\m... Print Date: Sep 14, 2018 - 9:32am Drawing Name: C:\Users\Yvonne\AppData\Local\Temp\AutoCAD_2018\180405.dwg							



ALL DATA FROM FLOODPLAIN STUDY:

**Peer Review of Floodplain Results for the
Crystal River Watershed**

Prepared for:
Southwest Florida Water Management District
2379 Broad Street
Brooksville, Florida 34604-6899

Prepared by:
MACTEC
404 SW 140th Terrace
Newberry, Florida 32669

Tiffany G. Davies, PE
Senior Engineer

Charles A. Stroschein, PE
Principal Engineer

MACTEC Project No.: 6063-08-0138
July 2010

ATTACHING TWO SILT FENCES

PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE.

ROTATE BOTH POSTS AT LEAST 180 DEGREES IN A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL.

DIRECTION OF RUNOFF WATERS

DRIVE BOTH POSTS ABOUT 10 INCHES INTO THE GROUND AND BURY FLAP.

APPROXIMATELY 8 INCHES OF FILTER FABRIC MATERIAL MUST EXTEND INTO A TRENCH, WITH SILT FENCE BURIED 4 INCHES EACH WAY.

10 INCHES (MIN)

WOOD OR STEEL POST

RUNOFF

NOTES:

FOR ADDITIONAL INFORMATION AND DETAILS, SEE FOOT INDEX NO. 102.

UNLESS SPECIFIED, HAY BARRIERS MAY BE USED IN LIEU OF SILT FENCES. ADDITIONAL POSTS AND RAILS MAY BE NECESSARY TO SECURE AND SUPPORT BARRIERS.

ADDITIONAL FENCE LENGTHS MAY BE REQUIRED BY THE COUNTY ENGINEER OR BY REGULATORY AGENCIES.

TYPE-III NORMALLY USED, WHERE REQUIRED.

TYPE-IV USED WHERE LARGE SEDIMENT LOADS ANTICIPATED, SEE FOOT INDEX 102.

DO NOT DEPLOY IN A MANNER SO THAT SILT FENCES WILL ACT AS A DAM. ACROSS PERMANENT FLOWING WATERCOURSES, SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS ARE TO BE USED AT PERMANENT BODIES OF WATER.

SILT FENCE INSTALLATION DETAIL

SPACING OF POSTS TO BE 6-10 FEET APART

2' MIN

FOR ADDITIONAL STRENGTH FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 3-INCH (MAX) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS

BACKFILLED TRENCH

25' WIDE

CONSTRUCTION NOTES:

HERNANDO COUNTY & SWFWMD REQUIRE THE SUBMISSION OF AS-BUILTS WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION. FOR FINAL PERMIT APPROVAL (TRANSFER TO OPERATION), THIS AS-BUILT INFORMATION MUST BE CERTIFIED BY THE ENGINEER OF RECORD, TO ENSURE SUBSTANTIAL COMPLIANCE WITH THE PRINTED PLANS. TO ASSIST WITH THIS PROCESS, THE ENGINEER WILL NEED TO MAKE PERIODIC VISITS TO THE SITE. THESE VISITS SHALL BE MADE AS FOLLOWS:

- AFTER DRAINAGE STRUCTURES HAVE BEEN PLACED AND PRIOR TO BACKFILLING.
- AFTER LIMESTONE HAS BEEN PLACED AND COMPACTED FOR FINAL PAVING.
- AFTER FINAL GRADE PRIOR TO SOIL PLACEMENT.
- UPON COMPLETION OF THE SITE AND SUBMISSION OF AN AS-BUILT SURVEY SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.

TO ASSIST US WITH THE TIMING OF THESE INSPECTIONS, PLEASE CONTACT CIVIL TECH CONSULTING SERVICES, LLC (352) 786-8319, 24 HOURS IN ADVANCE OF THE INSPECTION.

FDEP / NPDES CONSTRUCTION NOTES:

- PROPOSED SITE DEVELOPMENT OF BACHSCHMIDT SAND PIT
- THE SITE SHALL BE PREPARED AS FOLLOWS:
 - DIRECTION OF SILT PREVENTION MEASURES
 - CLEARING & GRUBBING
 - EXCAVATION & UTILITY INSTALLATION
 - ROUGH GRADING
 - SUB-BASE & BASE PREPARATION, ASPHALT & CONCRETE CONSTRUCTION
 - FINAL GRADING
 - SEEDING, SEEDING & MULCHING & FINAL PLANTING
- SEE SITE NOTES, ON SITE PLAN FOR TOTAL SITE AREA
- THE SOILS WHICH EXIST ON THE SITE ARE "H" TYPE SOILS (CANDLER) ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE. SOILS CONSERVATION SERVICES.
- THE CONTRACTOR SHALL ERECT ALL EROSION CONTROL MEASURES AS INDICATED ON THE DRAINAGE PLAN, OR OTHER PLANS WITHIN THE CONSTRUCTION PLAN, INCLUDING BUT NOT LIMITED TO SILT FENCE, HAY BARRIERS AND TURBIDITY BARRIERS. ALL TURBIDITY BARRIERS SHALL BE MAINTAINED AND INSPECTED DURING CONSTRUCTION BY A QUALIFIED INSPECTOR. UPON ESTABLISHMENT OF AT A MINIMUM OF 70% OF FINAL GROUND COVER, ALL TURBIDITY BARRIERS SHALL BE PROPERLY REMOVED BY THE CONTRACTOR.
- FINAL GROUND COVER PLACEMENT SHALL BEGIN PROMPTLY UPON COMPLETION OF FINAL GRADING, NO LATER THAN 7 DAYS AFTER COMPLETION OF FINAL GRADING TO MINIMIZE THE IMPACT OF OFF-SITE RUNOFF. THAN 7 DAYS AFTER COMPLETION OF FINAL GRADING TO MINIMIZE THE IMPACT OF OFF-SITE RUNOFF.
- BASINS SHALL HAVE ALL DISTURBED AREAS DIVERTED TO DRAIN TO THEM. THE MINIMUM SIZE OF THIS SEDIMENT IN AREAS OF 10 ACRES OR GREATER, SEDIMENTATION BASINS ARE REQUIRED. THE SEDIMENTATION BASIN OR DETENTION BASIN SHALL BE 3,000 CUBIC FEET PER ACRE. THE CONTRACTOR SHALL DESIGN SUCH SEDIMENTATION BASINS AND CONTROLS BASED ON HIS CONSTRUCTION METHODS, OR SHALL RETAIN A REGISTERED ENGINEER AS NECESSARY TO COMPLETE THE DESIGN.
- SHOULD FINAL RETENTION AREAS PROPOSED FOR USE AS FINAL DRAINAGE RETENTION AREAS, BE USED FOR TEMPORARY SEDIMENTATION BASINS, CARE SHALL BE GIVEN TO REMOVE ALL SEDIMENTATION PRIOR TO COMPLETION OF CONSTRUCTION.
- CONSTRUCTION DEBRIS SHALL BE PROPERLY CONTROLLED TO LOCAL GOVERNMENT ORDINANCES AND LAWS, AND SILT NOR DEBRIS FROM CONSTRUCTION DEBRIS SHALL BE DISCHARGED FROM THE SITE.
- ALL DISTURBED AREAS SHALL BE SPRINKLED AS NECESSARY TO MINIMIZE THE TRANSMISSION OF DUST, VIA WIND OR RAIN.
- ALL FERTILIZERS, HERBICIDES AND PESTICIDES SHALL BE APPLIED PER MANUFACTURERS RECOMMENDATION, AND RUNOFF OF SUCH SHALL NOT DISCHARGE OFF-SITE. SHOULD THESE DISCHARGES OCCUR, THEY SHALL BE REPORTED TO THE LOCAL GOVERNMENT AGENCY RESPONSIBLE FOR HAZARDOUS MATERIAL CLEAN UP.
- THE SITE SHALL BE INSPECTED BY A QUALIFIED INSPECTOR AT LEAST ONCE EVERY SEVEN DAYS, OR WITHIN 24 HOURS AFTER 1/2" OF RAINFALL, AT THESE LOCATIONS: STORAGE AREAS, DISCHARGE AREAS OF THE SITE, SURFACE WATER, DISTURBED AREAS, AREAS EQUIPMENT ENTERS AND EXITS THE SITE AND STRUCTURAL AREAS.
- BASED ON THIS WEEKLY OR RAINFALL INSPECTION, REPAIRS TO ALL EROSION CONTROL AND GRADING AREAS SHALL OCCUR WITHIN 7 DAYS.
- REPORTS SUMMARIZING THE INSPECTIONS AND WHOM THEY HAVE BEEN COMPLETED BY, ALONG WITH RECORDS OF THESE INSPECTIONS AND REPORTS SHALL BE KEPT ON-SITE AND SHALL INCLUDE RAINFALL DATA. THESE RECORDS UPON COMPLETION OF THE JOB SHALL BE MAINTAINED WITH JOB RECORDS.
- ANY STORM WATER MAINTENANCE PLANS PREPARED BY OR FOR THE CONTRACTOR DURING CONSTRUCTION SHALL CLEARLY BE MARKED WITH THE CONTRACTOR AND SUBCONTRACTORS NAME AND ADDRESS.
- THE CONTRACTOR SHALL SIGN A CERTIFICATION STATEMENT, BEFORE CONDUCTING ANY ACTIVITIES ON THE SITE, IN ACCORDANCE WITH SECTION 403.0885, FLORIDA STATUTES. THESE STATEMENTS ARE AVAILABLE, AT PROCVIL360 352-993-4255.

C'SWMP PLAN SIGNATURE

CONTRACTOR

DATE:

NOTE:
1. DATA NOT FROM RECENT SURVEY. ALL INFORMATION IS FROM GIS INFORMATION.

**BACHSCHMIDT SAND MINE
CITRUS COUNTY**

PROCVIL360
CIVIL ENGINEERING/RESIDENTIAL &
COMMERCIAL SITE DEVELOPMENT /
PLANNING & ZONING / PERMITTING /
CONSTRUCTION SERVICES

12 SOUTH MAIN STREET, BROOKSVILLE, FL. 34601
PHONE - (352) 993-4255
WWW.PROCVIL360.COM

SHA-1 AUTHENTICATION CODE

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY KENNETH D. RAVENCRAFT, P.E. ON A SHA-1 AUTHENTICATION CODE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KENNETH D. RAVENCRAFT, PE
P.E. # 60227

EXAMINED AND APPROVED
DATE

PM/DRAWN BY: AVG
SCALE: NOTED
DATE: 9/13/18
SEC: 20
TWP: 20
RANGE: 18E
JOB NUMBER: 18045

SHEET NO.
3 OF 4