

MONSTA WAREHOUSE

CES

Crews Engineering Services, LLC

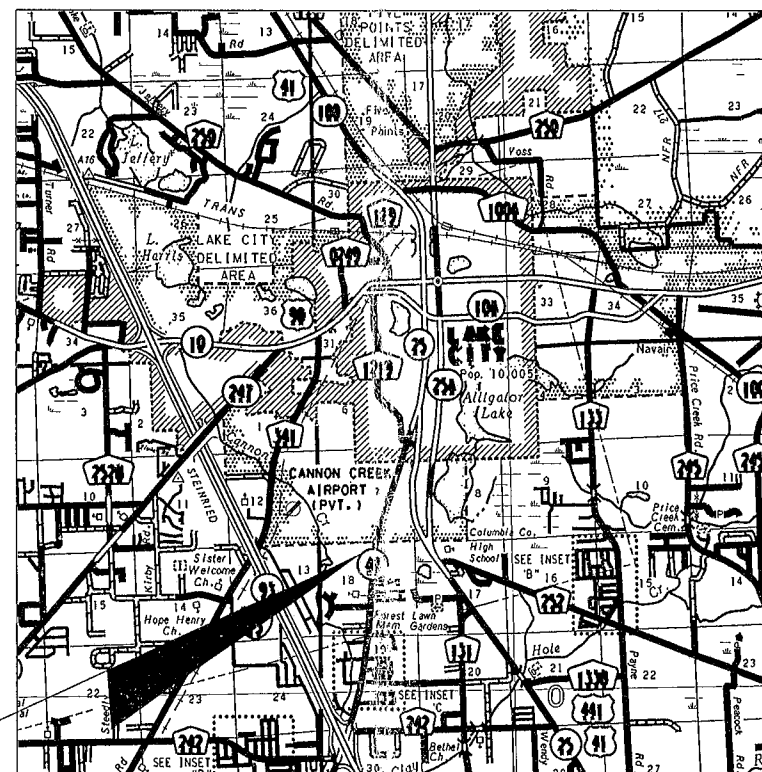
P.O. BOX 970
LAKE CITY, FL 32056
PHONE: 386.754.4085

www.crewsengineeringservices.com

CERTIFICATE OF AUTHORIZATION: NO. 28022

PROJECT LOCATION

SITE PLAN FOR:
TONY CURTIS & CHRIS CUADRAS
MONSTA CLOTHING
1445 SW MAIN BLVD SUITE 130
LAKE CITY, FL 32025
PHONE: 386-466-1001

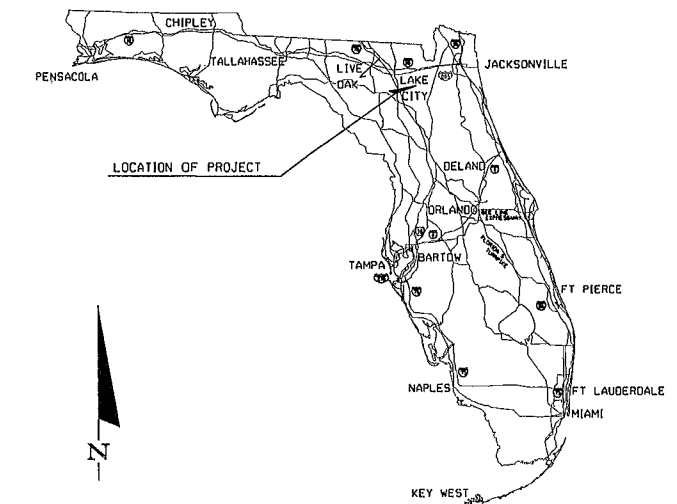


LOCATION MAP

SECTION 18, TOWNSHIP 4 SOUTH, RANGE 17
COLUMBIA COUNTY, FLORIDA

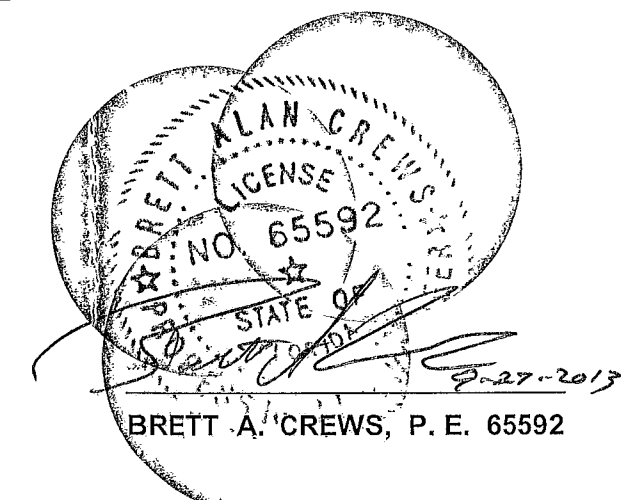
PARCEL # 18-4S-17-08467-021

CES PROJECT ID:
2013-015



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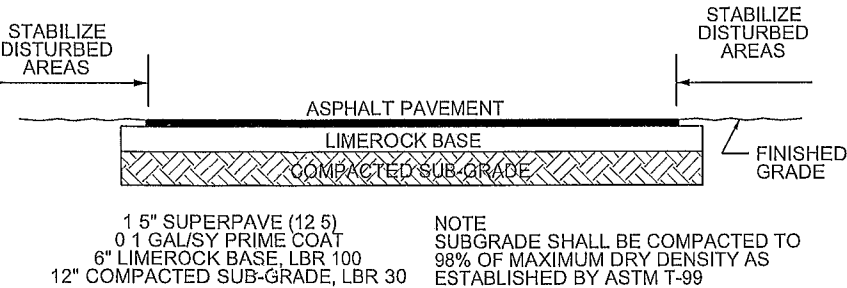


GENERAL NOTES

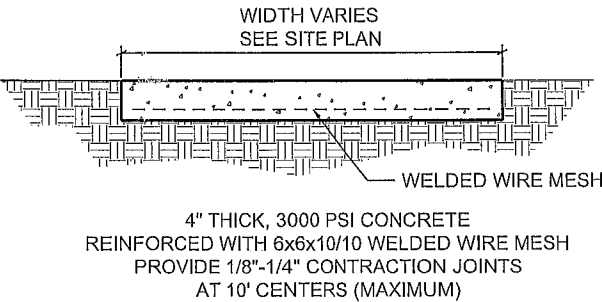
- 1 THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY & PRIOR TO PROCEEDING WITH THE WORK.
- 2 THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE AT ALL TIMES IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
- 3 ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
- 4 THE SURFACE WATER MANAGEMENT SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH SRWMD RULES AND REGULATIONS (CH 40B-4 F.A.C).
- 5 EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- 6 THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.
- 7 ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.
- 8 SITE CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT LIMITS.
- 9 ALL PROPOSED CONSTRUCTION SHALL CONFORM TO CURRENT FDOT DESIGN STANDARDS AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 10 ALL STORM PIPES SHALL HAVE A MINIMUM COVER OF 9" UNLESS OTHERWISE SHOWN IN THESE PLANS. LIMEROCK BACKFILL SHALL BE USED IF PIPE UNDER PAVEMENT HAS LESS THAN 12" COVER.
- 11 ALL SWALES, DEPRESSION AREAS AND RETENTION PONDS SHALL BE INSPECTED MONTHLY FOR SINKHOLE OCCURRENCE. SHOULD A SINKHOLE OCCUR, THE AREA SHOULD BE REPAIRED AS SOON AS POSSIBLE. IF A SOLUTION PIPE SINKHOLE FORMS WITHIN THE STORM WATER SYSTEM, THE SINKHOLE SHALL BE REPAIRED BY BACKFILLING WITH A LOW PERMEABILITY MATERIAL. A 2-FOOT CAP THAT EXTENDS 2 FEET BEYOND THE PERIMETER OF THE SINKHOLE SHALL BE CONSTRUCTED WITH CLAYEY SOILS. THE CLAYEY SOIL SHOULD HAVE AT LEAST 20% PASSING THE NUMBER 200 SIEVE, COMPACTED TO 95% OF STANDARD PROCTOR, AND COMPACTED IN A WET CONDITION WITH MOISTURE 2%-4% ABOVE OPTIMUM. THE CLAY SOIL CAP SHALL BE RE-GRADED TO PREVENT PONDING AND RE-VEGETATED.
- 12 ALL NEW TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE CURRENT FDOT DESIGN STANDARDS.
- 13 MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH CURRENT FDOT DESIGN STANDARDS. THE CONTRACTOR SHALL MEET ON SITE WITH FDOT FOR APPROVAL OF A MAINTENANCE OF TRAFFIC PLAN PRIOR TO BEGINNING WORK WITHIN FDOT RIGHT OF WAY.
- 14 CONTRACTOR SHALL CONTACT CITY OF LAKE CITY BUILDING AND ZONING DEPARTMENT TO PERFORM THE FOLLOWING SITE INSPECTIONS:
A) EROSION AND SEDIMENT CONTROL - ONCE IN PLACE PRIOR TO BEGINNING CONSTRUCTION
B) CLEARING AND GRUBBING - VISUAL INSPECTION
C) SITE COMPLIANCE - ONCE BUILDING FOUNDATION IS POURED AND IMPROVEMENTS ARE STAKED OUT
D) FINAL SITE COMPLIANCE - ONCE ALL IMPROVEMENTS ARE FINALIZED
- 15 CONTRACTOR SHALL CONTACT SRWMD AND ENGINEER OF RECORD 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
16. ANY UNSUITABLE MATERIAL (SPOTIC, CLAY, OTHER IMPERMEABLE SOILS) SHALL BE REMOVED FROM THE SURFACE WATER MANAGEMENT FACILITIES. THIS UNSUITABLE MATERIAL SHALL NOT BE USED AS FILL MATERIAL IN CONSTRUCTION OF THE BERMS. CONTRACTOR SHALL MEET WITH ENGINEER ON SITE PRIOR TO CONSTRUCTION OF SURFACE WATER MANAGEMENT FACILITY.

EROSION CONTROL NOTES

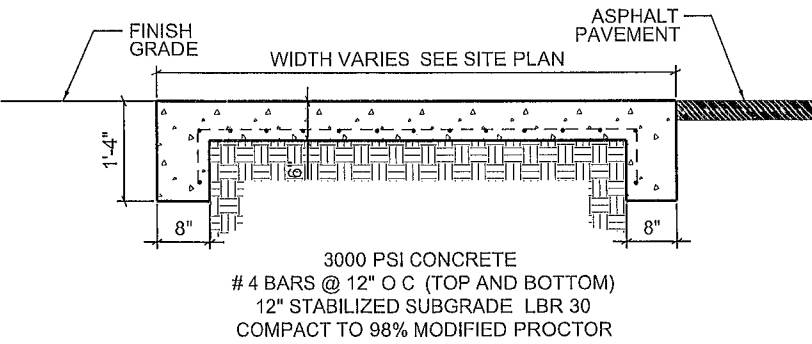
- 1 CONTRACTORS SHALL ADHERE TO THE STORM WATER POLLUTION PREVENTION PLAN, EROSION AND SEDIMENT CONTROL REGULATIONS AS SET BY SRWMD AND OTHER GOVERNING AUTHORITIES AND USE (AS A MINIMUM) THE MEASURES DESCRIBED IN THESE PLANS.
2. ALL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AND WATER MANAGEMENT FACILITIES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- 3 CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING ADDITIONAL MEASURES AS REQUIRED FOR PROPER EROSION AND SEDIMENT CONTROL. THE CONTRACTOR SHOULD USE BMP'S IN THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL TO IMPLEMENT A PLAN THAT WILL WORK AND MEET ACTUAL FIELD CONDITIONS.
- 4 SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- 5 ALL OPEN DRAINAGE SWALES SHALL BE GRASSFD IMMEDIATELY AS REQUIRED TO CONTROL EROSION.
- 6 SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS. SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE.
- 7 DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
- 8 ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY TO PREVENT EROSION. SLOPES GREATER THAN 1V 4H SHALL BE STABILIZED WITH SOD. STAPLE SOD SHALL BE USED ON SLOPES GREATER THAN 1V 2H. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK-GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS: FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
- 9 ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN THREE (3) DAYS.
- 10 LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS AND EXCESS DIRT REMOVED DAILY.
- 11 THIS PROJECT SHALL COMPLY WITH ALL APPLICABLE WATER QUALITY STANDARDS.
12. QUALIFIED PERSONNEL SHALL INSPECT THE STOCKPILE AREAS, SILT FENCE, CONSTRUCTION ENTRANCE, AND ALL DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS AFTER A STORM OF 0.5 INCHES OR GREATER. CORRECTIVE ACTIONS SHALL BE TAKEN IMMEDIATELY.
- 13 CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROLS DURING PROPOSED CONSTRUCTION.
- 14 SHOULD THIS SITE REQUIRE SEVERAL LOADS OF MATERIAL BE TRUCKED IN OR AWAY, THE CONTRACTOR SHALL INSTALL A "SOIL TRACKING PREVENTION DEVICE" AS FOUND IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEW MANUAL.



STANDARD DUTY ASPHALT PAVEMENT SECTION
NTS



TYPICAL CONCRETE SIDEWALK DETAIL
NTS



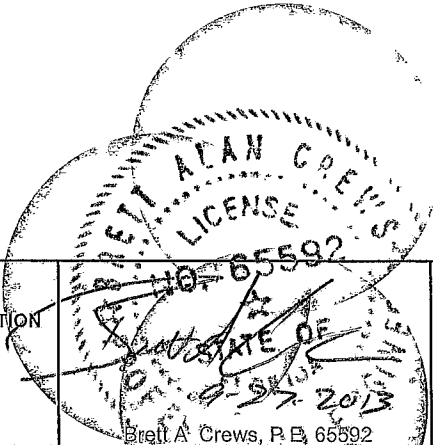
*** REMOVE ALL UNSUITABLE SOILS (MUCK OR CLAY)
TO 12" BELOW BOTTOM OF STABILIZED SUBGRADE

TYPICAL CONCRETE DUMPSTER / LOADING PAD DETAIL
NTS

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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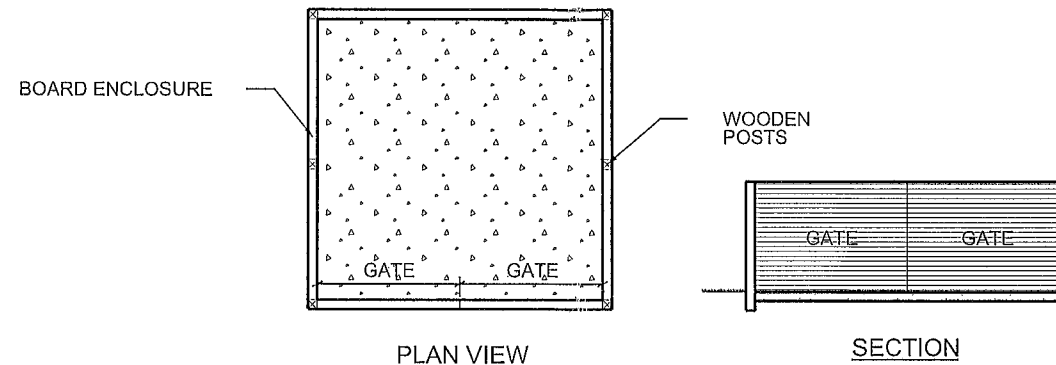
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**MONSTA
WAREHOUSE**
**GENERAL NOTES
AND DETAILS**

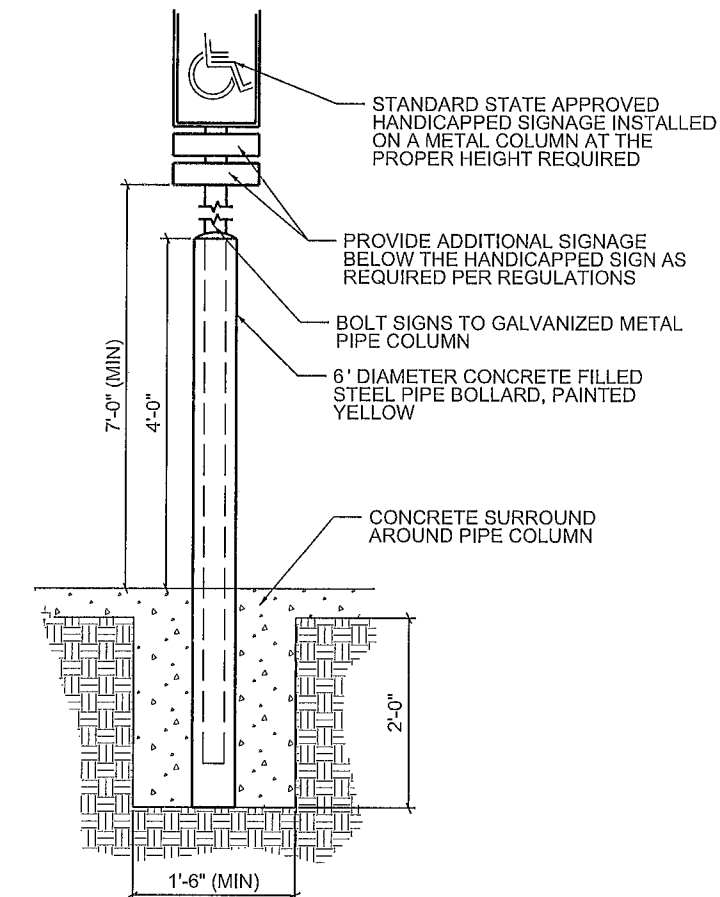
CES PROJECT NO
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DET1



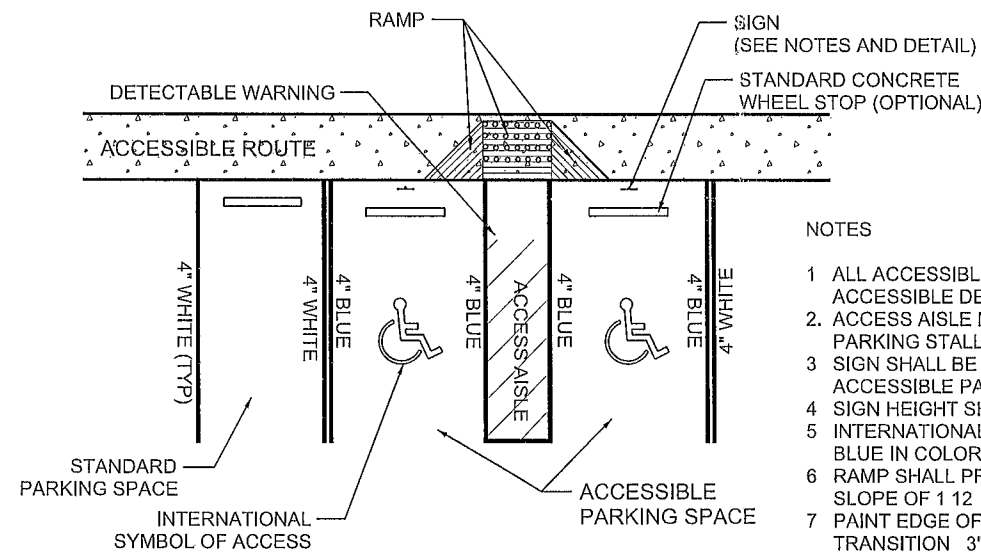
PROVIDE 1/8" - 1/4" CONTRACTION JOINTS
ON 10' CENTERS MAXIMUM

2500 PSI CONCRETE
WITH FIBER MESH

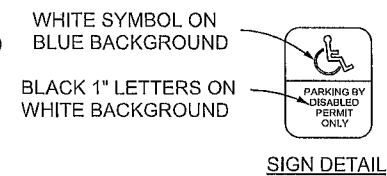
DUMPSTER PAD DETAIL
NTS



ACCESIBLE PARKING SIGN DETAIL
NTS



TYPICAL OFF-STREET PARKING DETAIL
NTS



NOTES

1. ALL ACCESSIBLE ROUTES SHALL MEET ADA STANDARDS FOR ACCESSIBLE DESIGN
2. ACCESS AISLE MAY BE PLACED ON RIGHT OR LEFT SIDE OF PARKING STALL.
3. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED ACCESSIBLE PARKING SPACES.
4. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN
5. INTERNATIONAL SYMBOL OF ACCESS SHALL BE 3'-6" HIGH AND BLUE IN COLOR
6. RAMP SHALL PROVIDE NON-SLIP FINISH AND HAVE A MAXIMUM SLOPE OF 1:12
7. PAINT EDGE OF SIDEWALK WITH CONTRASTING PAINT AT RAMP TRANSITION 3" WIDTH ON TOP AND ON FACE OF TRANSITION.
8. SEE SITE PLAN FOR ADDITIONAL PARKING SPACE DIMENSIONS

STRIPING LEGEND

YELLOW CURBING AND BOLLARDS - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY AND METAL SURFACES FREE OF HEAVY RUST 2 COATS SHERWIN WILLIAMS - KEM 4000 ACRYLIC ALKYD ENAMEL SAFETY YELLOW B55Y300
STRIPING - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY TOP COAT SHERWIN WILLIAMS - PRO MAR TRAFFIC MARKING PAINT WHITE TM5494
ACCESSIBLE STRIPING - PARKING LOT	SURFACES SHOULD BE CLEAN, DRY TOP COAT SHERWIN WILLIAMS - PRO MAR TRAFFIC MARKING PAINT "H C" BLUE

REVISIONS

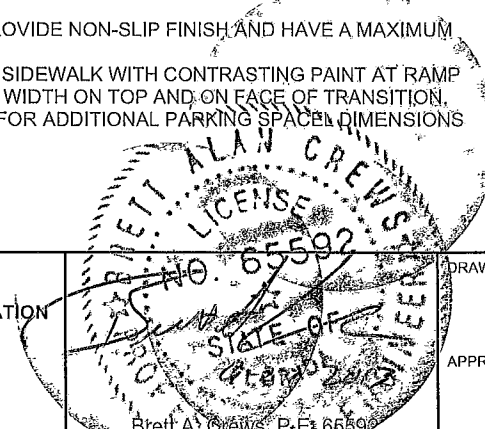
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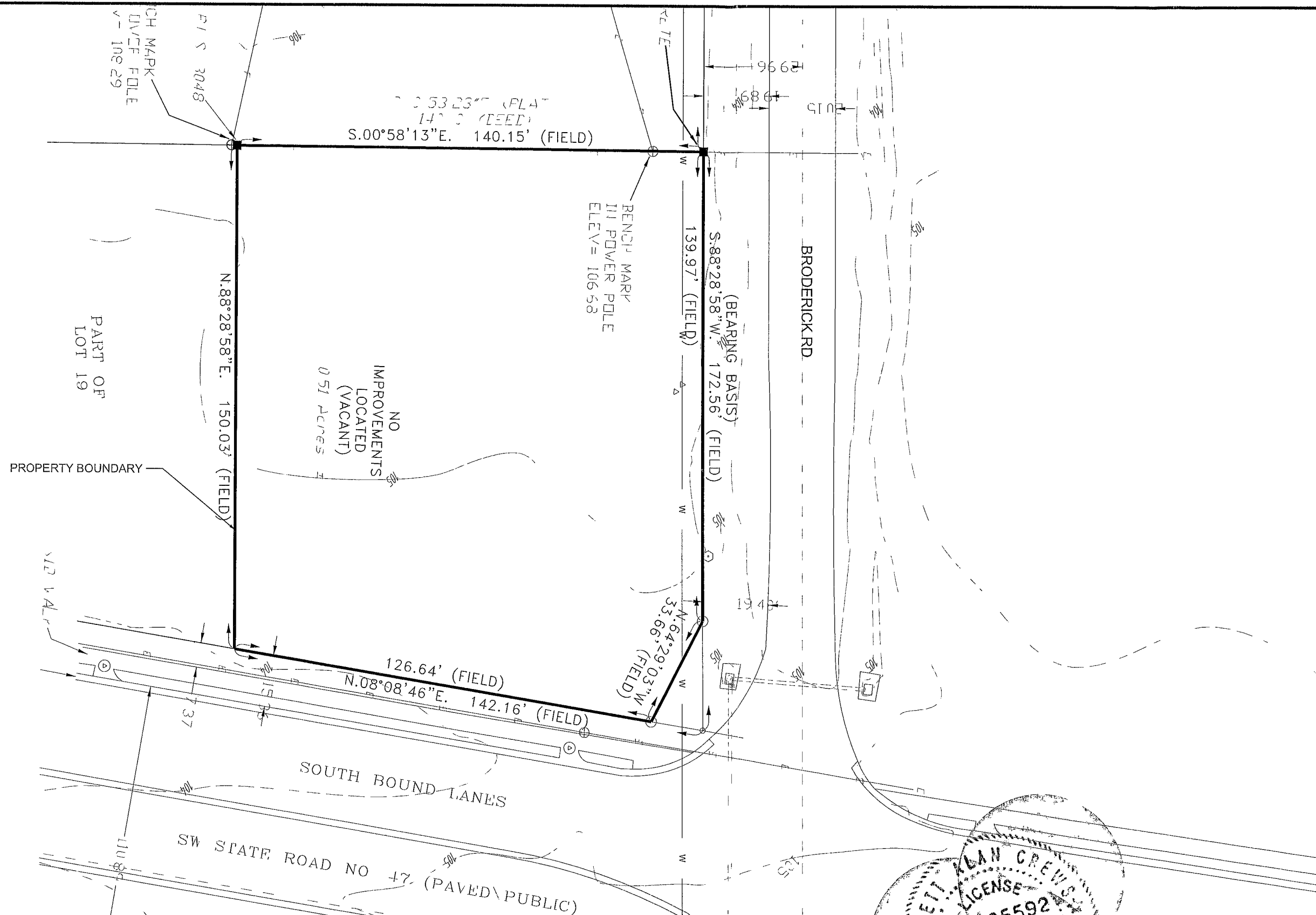
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AND DETAILS**

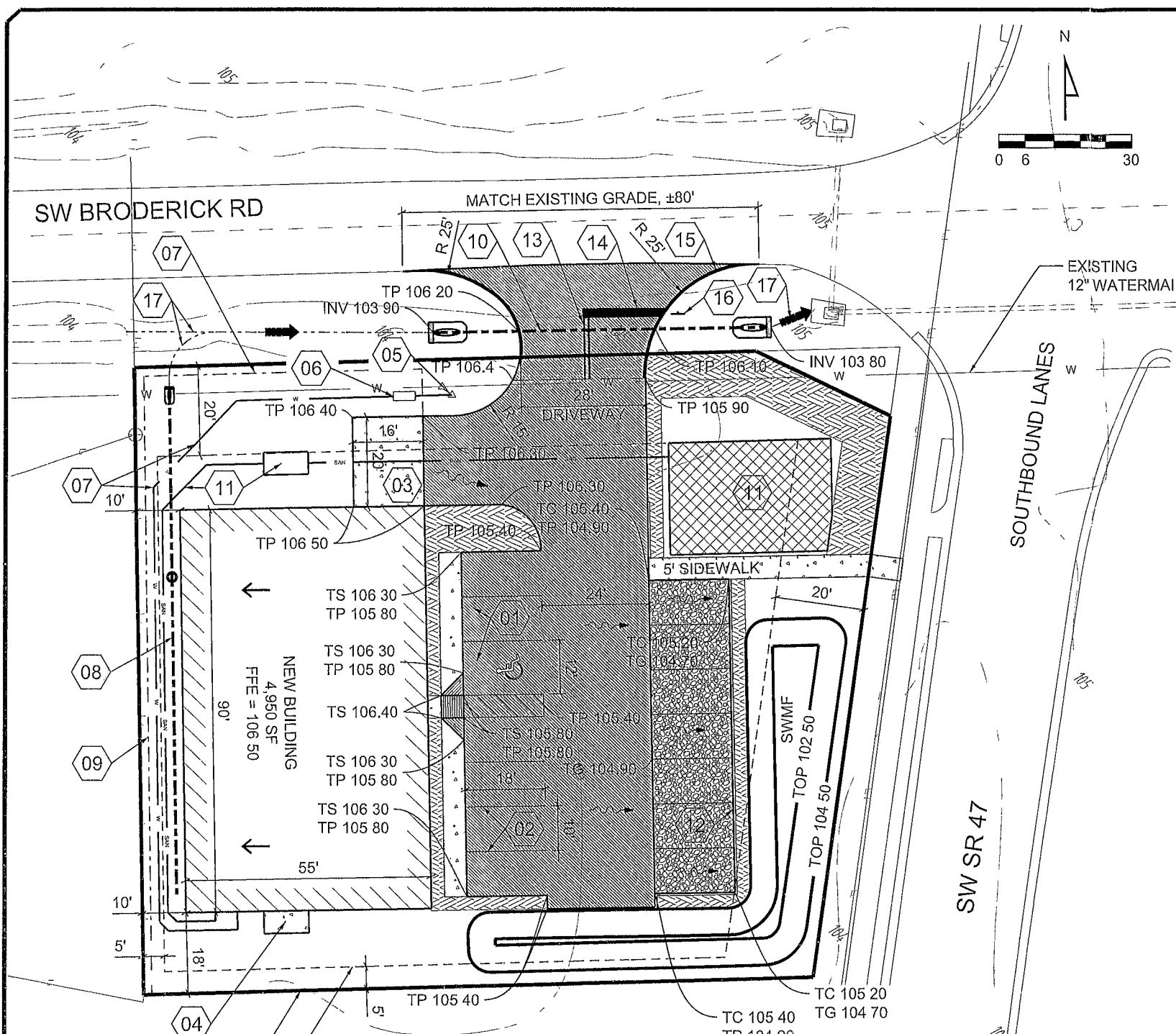
CES PROJECT NO

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SHEET

DET2

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GENERAL PROJECT INFORMATION
PARCEL # 18-4S-17-08467-021
FUTURE LAND USE COMMERCIAL
ZONING COMMERCIAL GENERAL

DEVELOPMENT DATA
TOTAL SITE AREA = 22,356 SF = 0.51 ACRES

PROPOSED CONDITIONS
IMPERVIOUS AREAS
BUILDING = 4,950 SF
ASPHALT PAVEMENT = 4,082 SF
CONCRETE PAVEMENT = 700 SF

TOTAL IMPERVIOUS AREA = 9,732 SF
(43% SITE AREA)

FAR = 4,950 SF / 22,355.86 SF = 0.22

MINIMUM BUILDING/YARD SETBACKS PER LDR
FRONT YARD = 20' REAR YARD = 10'
SIDE YARD = 5'

PARKING CALCULATIONS
1 SPACE PER 500 SF OF WAREHOUSE AREA 4,950 SF / 500
REQUIRED PARKING = 10 SPACES

AVAILABLE PARKING = 7 PAVED SPACES, 7 GRAVEL SPACES

ACCESSIBLE PARKING = 1 SPACE

BOUNDARY AND TOPOGRAPHICAL
THE BOUNDARY AND TOPOGRAPHICAL INFORMATION
SHOWN IN THESE PLANS IS BASED ON A SURVEY BY
BRITT SURVEYING

ELEVATION BASED ON NAVD88 DATUM

UTILITIES
WATER SERVICE TO BE PROVIDED BY CITY OF LAKE CITY

WASTEWATER SERVICE TO BE PROVIDED BY ON-SITE
SEPTIC SYSTEM, DESIGNED AND PERMITTED BY OTHERS

FIRE PROTECTION TO BE PROVIDED BY EXISTING FIRE
HYDRANT ±120 LF FROM NW PROPERTY BOUNDARY
ALONG SW BRODERICK RD

ELECTRIC SERVICE CONNECT TO EXISTING FACILITY
ALONG SW BRODERICK

NOTES

- 01 OFFSTREET PARKING
SEE DETAILS
- 02 PARKING STRIPING (TYP)
- 03 CONCRETE DUMPSTER PAD /
LOADING AREA, SEE DETAILS
TO BE SHEILDLED FROM STREET VIEW
- 04 AREA FOR HVAC UNITS
- 05 CONNECT TO EXISTING SERVICE
¾" WATER METER AND BACKFLOW PREVENTOR
TO SERVICE NEW BUILDING
- 06 ¾" WATER METER AND BACKFLOW PREVENTOR
TO SERVICE LANDSCAPE SYSTEM
- 07 ¾" WATER LINE, ±152 LF
TO SERVICE BUILDING
SEE BUILDING PLANS FOR CONTINUATION
- 08 8" HEADER PIPE, ±92 LF
CONNECT TO BUILDING DOWNSPOUTS
PLACE CLEANOUTS AS REQUIRED
- 09 INSTALL 6' HIGH WOOD PRIVACY FENCE
IN LIEU OF LANDSCAPED BUFFER
- 10 15" PIPE, ±75 LF
WITH CONCRETE MES
- 11 APPROX LOCATION 4" SANITARY SEWER, ±152 LF
SEE BUILDING PLANS FOR CONTINUATION
ON SITE SEPTIC SYSTEM
DESIGN AND PERMITTED BY OTHERS
- 12 6" CURB, ±108 LF
AROUND ALL GRAVEL PARKING AREAS
PROVIDE 6" WIDE OPENINGS ±10' O C
TO ENSURE POSITIVE DRAINAGE
- 13 6" DOUBLE YELLOW, ±29 LF
- 14 24" WHITE STOP BAR, ±40 LF
- 15 6" WHITE, ±82 LF (TOTAL BOTH SIDES)
- 16 R1-1 STOP SIGN (30"X30")
- 17 REGRADE ROADSIDE DITCH
TO ENSURE POSITIVE DRAINAGE
MAINTAIN 1V 4H MAX FRONT SLOPE

- LEGEND**
- TG 00 00 PROPOSED TOP OF GRAVEL ELEVATION
 - TP 00 00 PROPOSED TOP OF PAVEMENT ELEVATION
 - TS 00 00 PROPOSED TOP OF SIDEWALK ELEVATION
 - ~ SHEET FLOW
 - CHANNEL FLOW
 - ROOF FLOW

- LEGEND CONT.**
- DENOTES STANDARD DUTY ASPHALT PAVEMENT
WITH WHITE PARKING STRIPING, SEE DETAIL
 - DENOTES GRAVEL DRIVEWAY AND PARKING
MATERIAL SHALL MEET REQUIREMENTS FOR COARSE AGGREGATE
(SECTION 901-2.1 OR 901-2.2 OF THE FDOT STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION))
SIZE OF AGGREGATE SHALL BE THAT OF 57 STONE OR APPROVED EQUAL

- LEGEND CONT.**
- CONCRETE PAVEMENT
 - AREA TO BE LANDSCAPED WITH GRASS,
PLANTS, SHRUBS, TREES OR OTHER
LANDSCAPING MATERIAL

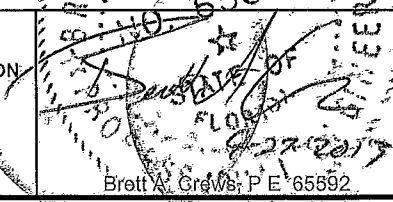
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Brett A. Crows, P.E. 65592

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SITEPLAN

CES PROJECT NO
2013-015

SHEET
SIT2

