DATE: 1/15/2021 6:06:13 PM
THIS LINE SHOULD MEASURE ONE HALF INCH ON A HALF SCALE PRINT.
FILE: R:\Projects\1942 Higgins Boca West CD\CAD\Plans\1942-C4.3-PAVING GRADING & DRAINAGE PLAN.dwg Friday, January 15, 2021 4:44:37 PM

MATCH LINE - See Sheet C4-4

REMOVE EXISTING 9 LF - 12" TRENCH DRAIN

REMOVE EXISTING 14 LF - 3" PVC

REMOVE EXISTING YARD DRAIN
GRATE ELEV. = 18.01
(S) INV. ELEV. = 14.31
(W) INV. ELEV. = 14.31
(NE) INV. ELEV. = 17.01

EXISTING ROUND INLET
GRATE ELEV. = 18.19
(S) INV. ELEV. = 14.06
(NE) INV. ELEV. = 13.32
(NW) INV. ELEV. = 14.04

CONSTRUCT 47 LF - 18" RCP @ 0.43% SLOPE

REMOVE EXISTING YARD DRAIN
GRATE ELEV. = 17.95
(E) INV. ELEV. = 15.03

REMOVE EXISTING 74 LF - 12" PVC

REMOVE EXISTING 40 LF - 10" PVC

TRENCH DRAIN (TYP.)

REMOVE EXISTING YARD DRAIN
GRATE ELEV. = 18.08
(E) INV. ELEV. = 14.88

REMOVE EXISTING 70 LF - 10" HDPE

REMOVE EXISTING TYPE C INLET
GRATE ELEV. = 17.44
(E) INV. ELEV. = 13.64
(N) INV. ELEV. = 13.89
(W) INV. ELEV. = 13.99

SEE DETAIL "A" (THIS SHEET) FOR GRADING THIS AREA

EXISTING 134 LF - 15" HDPE

CONSTRUCT 50 LF - 15" RCP @ 0.50% SLOPE

EXISTING 60 LF - 15" RCP

CONSTRUCT 44 LF - 18" RCP @ 0.46% SLOPE

LOWER GRATE ELEV. TO 18.15
EXISTING TYPE C INLET
GRATE ELEV. = 19.37
(S) INV. ELEV. = 14.00
(N) INV. ELEV. = 13.97
(W) INV. ELEV. = 13.10

EXISTING 52 LF - 15" RCP

REMOVE EXISTING TYPE C INLET
GRATE ELEV. = 20.26
(S) INV. ELEV. = 14.48
(N) INV. ELEV. = 14.34

CONSTRUCT 61 LF - 18" RCP @ 0.00% SLOPE

REMOVE EXISTING 50 LF - 15" RCP

SHEET C4.3

BLDG D
SPORTS PAVILLION
2 STORY
129,552 S.F.
F.F.E = 00.00

EXISTING 112 LF - 15" RCP

EXISTING 150 LF - 12" RCP

EXISTING 274 LF - 15" RCP

REMOVE EXISTING TYPE E INLET
GRATE ELEV. = 20.03
(N) INV. ELEV. = 14.40
(S) INV. ELEV. = 14.79
(SW) INV. ELEV. = 14.91
(W) INV. ELEV. = 14.71

HANDICAPPED PARKING

TRENCH DRAIN

D-1 D-2 D-3 D-4 D-5

DETAIL "A"
SCALE : 1" = 10"
TRENCH DRAIN
3 STEPS DOWN
FLAT LANDING
5.0'
14.0'
12:1 MAX.

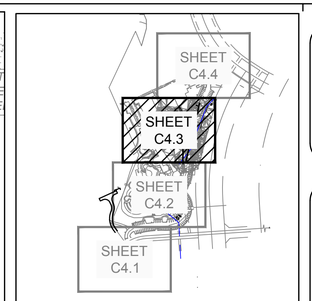
Always call 811 two full business days before you dig
Sunshine811.com

0 20' 40 60'
SCALE IN FEET

MATCH LINE - See Sheet C4.2

LEGEND

- PROPERTY LINE / ROW LINE
- RE-WORK EXISTING PAVEMENT
- SILT FENCE
- PROPOSED PAVEMENT
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- PROPOSED STORM PIPE
- PROPOSED RWL (RAIN WATER LEADER)
- EXISTING STORM PIPE
- PROPOSED GRADES
- EXISTING GRADES
- EXISTING EASEMENTS
- EXISTING LOT LINES



KEY MAP

STORM DRAINAGE STRUCTURE TABLE	
NAME	STRUCTURE DETAILS
D-1	PRECAST DITCH BOTTOM INLET - TYPE C 10 FT. OR LESS GRATE ELEV. = 17.25 (E) INV. ELEV. = 14.25
D-2	PRECAST DITCH BOTTOM INLET - TYPE C 10 FT. OR LESS GRATE ELEV. = 17.65 (S) INV. ELEV. = 13.80
D-3	PRECAST DITCH BOTTOM INLET - TYPE C 10 FT. OR LESS GRATE ELEV. = 17.80 (N) INV. ELEV. = 14.00 (S) INV. ELEV. = 13.80
D-4	PRECAST DITCH BOTTOM INLET - TYPE C 10 FT. OR LESS GRATE ELEV. = 18.65 (S) INV. ELEV. = 15.75
D-5	PRECAST DITCH BOTTOM INLET - TYPE C 10 FT. OR LESS GRATE ELEV. = 18.65 (N) INV. ELEV. = 15.75

REV. No.	DATE	DESCRIPTION

SEAL
FL P.E. No. 38799
JONATHAN T. RICKETTS

3450 Northlake Boulevard - Suite 200
Palm Beach Gardens, Florida 33403
Phone: (561) 625-6700
Toll Free: (877) 625-6777
Fax: (561) 625-2770
FL Certificate of Authorization: 6173
NC Certificate of Authorization: C-2761
Jonathan T. Ricketts, Inc.
Consulting Engineers • Construction Managers

N

LAT 26°22'31.03"N
LON 80° 9'27.71"W
BOCA RATON

SITE II
BOCA WEST RECREATIONAL PUD
FLORIDA

PAVING GRADING & DRAINAGE PLAN

PROJ. NO.: 1942
DRAWN BY: RC
SHEET:
C4.3