GEORGE ENGRAM BLVD. 90' R/W

5' CONC. SIDEWALK

GAS LINE 3' BEHIND WALK

WATER LINE RUNS UNDER SIDEWALK

PROPOSED 4"X8" TAPPING SLEEVE WITH VALVE
6 FT WIDE OPEN CUT AND REPAIR SIDEWALK

PROPOSED 4" REDUCED PRESSURE BACKFLOW PREVENTOR

PROPOSED 4" IRRIGATION METER

PROPOSED 4" PVC IRRIGATION WATER MAIN DR-21

SANITARY MANHOLE

TOP =7.20
WEST=(-)4.74-10"PVC
EAST=(-)3.79-(UNKNOWN)
SOUTH(-)4.80-(UNKNOWN)

GRAPHIC SCALE
0 10 20 40 60
SCALE: 1" = 20'

LIMITS OF CONSTRUCTION

POWER POLE

LIGHT POLE

DIRT TRACK

6' CHAIN LINK (FENCING)

COVERED CONCRETE

PLAYGROUND AREA

ASPHALT

EXISTING BATH ROOMS

FINISHED FLOOR ELEVATION=8.66'

DIRT DRIVE AREA

BASKETBALL COURTS ASPHALT

GRASS AREA

FUTURE TENNIS COURTS

CHAIN LINK (FENCING)

EXISTING MANHOLE
TOP =7.40
NORTH=(-)5.56 15"(UNKNOWN)
SOUTH=(-)5.46 15"(UNKNOWN)
NW. INV.=1.55 8" CLAY
NE. INV.=1.55 8" CLAY
SE. INV.=1.57 8" CLAY
SW. INV.=1.75 8" CLAY

TOP =7.28
NORTH=(-)5.48 16"(UNKNOWN)
SOUTH=(-)5.49 16"(UNKNOWN)
NW. INV.=1.73 8" CLAY
NE. INV.=1.95 8" CLAY
SE. INV.=1.65 8" CLAY
SW. INV.=2.05 8" CLAY

O/HE

O/E

SECTION I - I

NO.	DATE	DESCRIPTION	BY
5	12.14.2007	REVISED DECK GRADES	BH
4	10.11.2007	REVISED SIDEWALK GRADES	SWB
3	7.18.2007	REVISED ELEVATIONS	BH
2	3.29.2007	REVISED PER CITY	BH
1	3.2.2007	REVISED PER SJRWMD	BH

REVISIONS

PARKER MYNCHENBERG & ASSOCIATES, INC.
PROFESSIONAL ENGINEERS * LANDSCAPE ARCHITECTS
1729 RIDGEWOOD AVENUE HOLLY HILL, FLORIDA 32117
(386)677-6891 FAX (386)677-2114 E-MAIL: info@parkermynchenberg.com
CERTIFICATE OF AUTHORIZATION NUMBER 00003910

IRRIGATION PLAN

CYPRESS STREET PARK

DAYTONA BEACH * FLORIDA

FILE NO. PHASE1SITE4	DESIGNER: P.MYNCHENBERG
DATE: 8.25.06	CADD TECH: BH
SCALE: 1" = 20'	SHEET OF 15

GEORGE ENGRAM BLVD. 90' R/W

5' CONC. SIDEWALK

GAS LINE 3' BEHIND WALK

WATER LINE RUNS UNDER SIDEWALK

PROPOSED 2" POTABLE METER

PROPOSED 2" REDUCED PRESSURE BACKFLOW PREVENTOR

PROPOSED 4"X8" TAPPING SLEEVE WITH VALVE

6 FT WIDE OPEN CUT AND REPAIR SIDEWALK

EXISTING WATER MAIN

2"X4" REDUCER

PROPOSED 4" REDUCED PRESSURE BACKFLOW PREVENTOR

PROPOSED 4" IRRIGATION METER

REMOVE AND RECONSTRUCT EXISTING 5' CONC. SIDEWALK

TWIN 32 LF 6" PVC CONDUIT INV. 4.0 CAP ENDS (DR-18)

REMOVE EXISTING CURB

TO BE REMOVED (SEE NOTE #1)

141.5'

TO BE REMOVED

3 FT WIDE VALLEY GUTTER

EXISTING INLET (TO REMAIN)

SAW CUT AND MEET EXISTING PAVEMENT

PROPOSED ENTRANCE SIGN (BY OTHERS)

EXISTING CONC. POWER POLE TO REMAIN

2 FT WIDE WHITE THERMOPLASTIC STOP BAR

REMOVE EXISTING CURB

6" CONCRETE W/FIBERMESH 3000 PSI ON COMPACTED BASE 95% T-180

REMOVE AND RECONSTRUCT EXISTING 5' CONC. SIDEWALK

EXISTING FIRE HYDRANT

EXISTING WATER METER

APPROXIMATE LOCATION OF EXISTING 6" STEEL GAS MAIN

TWIN 110 LF 6" PVC CONDUIT INV. 4.0 CAP ENDS (DR-18)

SANITARY MANHOLE

TOP =7.20
WEST=(-)4.74-10"PVC
EAST=(-)3.79-(UNKNOWN)
SOUTH(-)4.80-(UNKNOWN)

THE FACE OF THE CONCRETE CURBING FOR THE PROPOSED ENTRANCE MEDIAN MUST BE PAINTED WITH YELLOW TRAFFIC PAINT FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) SPECIFICATION 971-12.3, CODE T-2, REFLECTORIZED WITH GLASS SPHERES FDOT SPEC 971-14.

GRAPHIC SCALE
0 10 20 40 60
SCALE: 1" = 20'

"E" INLET #4
T.C. 8.0
INV. E. 24" 4.3
INV. W. 24" 4.3
INV. S. 15" 4.3

"E" INLET #3
T.C. 8.0
INV. E. 24" 4.5
INV. W. 24" 4.5
INV. S. 8" 5.2

COVERED CONCRETE TO BE REMOVED

EXISTING POWER POLE TO BE REMOVED.

PROPOSED 4" PVC IRRIGATION WATER MAIN DR-21

142 LF 24" RCP

F CURB

5' RAD

12" BAND

CONCRETE PAVERS ON 6" CONC. BASE

36" STOP SIGN 4 FT IN ADVANCE OF CROSSWALK STRIPING

12" WIDE WHITE THERMOPLASTIC CROSSWALK STRIPING, 8 FT LONG

STRIPING DOT INDEX NO. 17346

24"X 30" KEEP RIGHT SIGN (R4-7 W/18"X18" YELLOW OBJECT MARKER BELOW THE KEEP RIGHT SIGN.

LIMITS OF CONSTRUCTION

30" STOP SIGN

24" PLUG INV. 4.7

52 LF 24" RCP

2 FT THERMOPLASTIC STOP BAR

43 LF 4"PVC CONDUIT

JUNCTION MANHOLE #2
T.C. 9.0
INV. W. 24" 4.6
INV. E/ 24" 4.6
INV. S/ 24" 4.6

12 LF 4"PVC CONDUIT

EXISTING SANITARY SEWER LINE

3 FT F CURB/FLAT CURB TRANSITION (TYP)

"E" INLET #6
T.C. 8.0
INV. NE. 24" 4.1
INV. SE. 24" 4.1

"C" INLET #5
T.C. 8.5
INV. W. 15" 4.5

MH #4
T.C. 9.2
INV. S. 8" 4.1
INV. E. 8" 4.0

102 LF 24" RCP

82 LF 15" RCP

F CURB

6' CHAIN LINK (FENCING)

4" PVC SLEEVE

EXISTING POWER POLE TO BE REMOVED

WHEEL STOP (TYP)

30" STOR SIGN

120 LF CONC. ENCASEMENT ON SANITARY

82 LF 8" PVC @ 0.40%

INV. 5.0

12 LF 4"PVC CONDUIT

8" PVC @0.40%

88 LF 24" RCP

HANDICAP SIGN

PROPOSED 150 LF

SEE IRRIGATION PLAN FOR CONTINUATION

INV. 5.0

2"CONDUIT CHAIN LINK (FENCING)

EXISTING POWER POLE TO BE REMOVED.

T.C. 10.1
INV. 4.6

15 LF 6" PVC @2.0%

3"x3" CONC. COLLAR (SLOPE TO 8" DIA. GRATE)

2"x3" CONC. PAD EL. 8.6

FINISHED FLOOR ELEVATION=8.66'

EXISTING BATH ROOMS

EXISTING BATHROOMS TO REMAIN

TYPE 'A' AREA
P-9 INLET
W/ J BOTTOM #12
T.C. 8.37
INV. N. 24" 4.8
INV. S. 24" 4.8
INV. E. 18" 5.0 (KNOCKOUT)

MH #1
T.C. 8.0
INV. W. INV. 8" 3.40
INV. S. INV. 8" 3.30

DIRT DRIVE

PROPOSED 70 LF 8" PVC @4.0%

EXISTING 8" RESTROOM SERVICE

SANITARY MANHOLE

HANDICAPPED PARKING SIGN (TYP)

F CURB

PROPOSED 6 FT BLACK VINYL COATED CHAIN LINK FENCE

DOWNLIGHT (TYP)

SLOPE SIDEWALK 1/4" PER FOOT

(2) 7" WIDE (4) 5" HIGH STEP

LIMITS OF PROJECT AND SILT FENCE

145 LF 24" RCP

3 FT F CURB/FLAT CURB TRANSITION (TYP)

DOWNLIGHT (TYP)

EXISTING MANHOLE
TOP =7.40
NORTH=(-)5.56 15"(UNKNOWN)
SOUTH=(-)5.46 15"(UNKNOWN)
NW. INV.=1.55 8" CLAY
NE. INV.=1.55 8" CLAY
SE. INV.=1.57 8" CLAY
SW. INV.=1.75 8" CLAY
CONSTRUCT 8" INSIDE DROP
INV. NE 8" 3.02

"E" INLET #13
T.C. 8.0
N. 24" INV. EL. 5.1
E. 24" INV. EL. 5.1

EXISTING COVERED STRUCTURE TO REMAIN F.F. EL. 8.60

POWER POLE TO BE REMOVED

8.3 REVISED ELEVATIONS 7.18.2007

PAVEMENT SPECIFICATIONS
1-1/2" TYPE S III ACSC
8" LIMEROCK BASE (LBR 100)
8" STABILIZED SUBBASE (LBR 40)

10 LF 2 FT FLAT CURB

3 FT F CURB/FLAT CURB TRANSITION (TYP)

6' CHAIN LINK (FENCING)

58 LF 24" RCP

24" PLUG INV. 5.30

EXISTING COVERED STRUCTURE TO REMAIN

3 FT F CURB/FLAT CURB TRANSITION (TYP)

LIMITS OF PROJECT AND SILT FENCE

PROPOSED 5 FT SIDEWALK

SLOPE
PROPOSED ASPHALT
PROPOSED BASE
PROPOSED STABILIZED SUBBASE
PROPOSED 6" CONCRETE CAP 2,500 P.S.I. @ 28 DAYS
EXISTING OAK STUMP

NOTES:
1. CONTRACTOR SHALL GRIND STUMP 6" BELOW BOTTOM OF STABILIZED SUBBASE. CONTRACTOR SHALL CONSTRUCT 6" CONCRETE SLAB, 2,500 P.S.I. @ 28 DAYS OVER REMAINING STUMP.

SECTION I - I

BASKETBALL COURTS ASPHALT

POWER POLE

LIGHT POLE

6' CHAIN LINK (FENCING)

LIMITS OF PROJECT AND SILT FENCE

DIRT TRACK

LIGHT POLE

5'C (FPL)
2'C (DATA)
2-2'C (PHONE)

LA-1

RETENTION AREA #1
N.W.L. EL. 5.3
OVERFLOW EL. 6.7
25 YEAR HW EL. 7.06
100 YEAR HW EL. 8.10

28 LF 18" RCP

INDICATES REV.GRADE 12.14.07

MES #16
18" RCP
INV. 5.4

"C" INLET #7
T.C. 7.5
INV. W. 18" 4.8
INV. NW. 24" 3.9
INV. SE. 24" 3.9

SHADE STRUCTURE AND FOUNDATION (SEE ARCHITECTURAL AND STRUCTURAL PLANS)

2'X3' CONCRETE PAD INV. 8.4

2'X3' CONC. PAD INV. 8.6

LIMITS OF PROJECT AND SILT FENCE

2'X3' CONCRETE PAD INV. 8.9

CORE EXISTING INLET INV. S. 24" 2.5

LA-2

LIGHT POLE

DOWNLIGHT (TYP)

6 FT BLACK VINYL CHAIN LINK FENCE

"E" INLET #8
T.C. 7.5
INV. NW. 24" 3.6
INV. E. 24" 3.6

129 LF 24" RCP

MEET EXISTING GRADE

GRASS AREA

LIMITS OF PROJECT AND SILT FENCE

"E" INLET #9
DRAINAGE CONTROL STRUCTURE #1
T.C. 8.00
1-1.5' SLOTTED WEIR CREST EL. = 6.7
1-1.5" DIA. CIRCULAR ORIFICE INV. 5.3
INV. 24" 3.5

"E" INLET #15
T.C. 8.8
INV. N. 24" 2.9
INV. E. 24" 2.9

147 LF 24" RCP

PROPOSED BUILDING B-1

F.F. EL. 10.2

FENCED PICNIC AREA (STABILIZED TO FBV 75 PSI AND SOD WITH ST. AUGUSTINE SOD)

TWIN 4" DECK DRAIN

4" DECK DRAIN

EXPANSION JOINT

SLOPE DECK 2% TO 4% AWAY FROM POOL ON ALL SIDES.

6" DIA DECK DRAIN LINE

DECK DRAIN

PROPOSED SWIMMING POOL

PROPOSED SLIDE

153 LF 24" RCP

15 LF 15" RCP

77 LF 24" RCP

90 LF 15" RCP

30 LF 24" RCP

MES #14
24" RCP
INV. 24" 3.2

LA-3

RETENTION AREA #2
N.W.L. EL. 5.3
OVERFLOW EL. 6.7
25 YEAR HW EL. 7.06
100 YEAR HW EL. 8.10

5 LF SODDED WEIR WITH SKIMMER, CREST EL. 7.6

"E" INLET #10
T.C. 7.4
INV. 15" E. 4.9
INV. 24" SW. 3.4
INV. 24" SE. 3.4

"C" INLET #11
T.C. 7.4
INV. 15" 5.1

5 FT CYPRESS MULCH WALKWAY

DIRT DRIVE AREA

FUTURE TENNIS COURTS

CHAIN LINK (FENCING)

SANITARY MANHOLE

TOP =7.28
NORTH=(-)5.48 16"(UNKNOWN)
SOUTH=(-)5.49 16"(UNKNOWN)
NW. INV.=1.73 8" CLAY
NE. INV.=1.95 8" CLAY
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IRRIGATION PLAN

CYPRESS STREET PARK
DAYTONA BEACH * FLORIDA

FILE NO. PHASE1SITE4	DESIGNER: P.MYNCHENBERG
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SCALE: 1" = 20'	SHEET 7 OF 15