UNIT PRICES

For changing quantities of work items from those indicated by the contract drawings upon written instructions from the architect/engineer, the following unit prices shall prevail:

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
BASE BID 1 – PROJECT 3 – DEERFIELD PARK					
1.	Remove concrete (curb and gutter)	LF	200	$	$
2.	Remove asphalt paving &/or stabilized base	SY	10,429	$	$
3.	Embankment (roadway)	CY	475	$	$
4.	Excavation (roadway)	CY	1,745	$	$
5.	HMAC Paving (Type C)(1.5")	SY	9,260	$	$
6.	Crushed stone base (6")	SY	9,460	$	$
7.	Concrete curb and gutter (24")	LF	2,000	$	$
8.	Concrete sidewalk ramp	EA	8	$	$
9.	Concrete header curb (12")	LF	1,980	$	$
10.	Barricades and traffic control devices	MO	4	$	$
11.	SWPPP/Temporary Erosion Control	LS	1	$	$
12.	Excavation (Drainage)	CY	1,226	$	$
13.	Installation of infiltrators	EA	115	$	$
14.	Installation of concrete inlets	EA	3	$	$
15.	Mobilization	LS	1	$	$
	TOTAL BASE BID 1				**$**
Item No.	**Description**	**Unit**	**Estimated Quantity**	**Bid Unit Price**	**Bid Price**
ALTERNATE 1A – PROJECT 3 – DEERFIELD PARK					
17.	Caliche (4") existing driveways	SY	440	$	$
	TOTAL ALTERNATE 1A BID				**$**

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
ALTERNATE 1B – PROJECT 3 – DEERFIELD PARK					
18.	Adjust existing water valves	EA	11	$	$
	TOTAL ALTERNATE 1B BID				**$**

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
ALTERNATE 1C – PROJECT 3 – DEERFIELD PARK					
19.	Pavement Marking (4")(Y)(Solid) Thermo	LF	2600	$	$
20.	Pavement Marking (4")(Y)(Broken) Thermo	LF	1260	$	$
21.	Pavement Marking (4")(W)(Solid) Thermo	LF	336	$	$
22.	Pavement Marking (18")(W)(Solid) Thermo	LF	264	$	$
23.	Pavement Marking (24")(W)(Solid) Thermo	LF	108	$	$
24.	Small Sign Assemblies	EA	27	$	$
	TOTAL ALTERNATE 1C BID				**$**

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Price
BASE BID 2 – PROJECT 3B – HOMESTEAD MEADOWS					
25.	Remove asphalt paving &/or stabilized base	SY	13,128	$	$
26.	Embankment (roadway)	CY	529	$	$
27.	Excavation (roadway)	CY	1,854	$	$
28.	HMAC Paving (Type C)(1.5")	SY	14,563	$	$
29.	Crushed stone base (6")	SY	14,563	$	$
30.	Concrete curb and gutter (24")	LF	975	$	$
31.	Concrete sidewalk ramp	EA	4	$	$
32.	Concrete header curb (12")	LF	7,971	$	$
33.	Barricades and traffic control devices	MO	4	$	$
34.	SWPPP/Temporary Erosion Control	LS	1	$	$
35.	Excavation (Drainage)	CY	1,110	$	$
36.	Installation of infiltrators	EA	111	$	$
37.	Installation of concrete inlets	EA	6	$	$
38.	Mobilization	LS	1	$	$
	TOTAL BASE BID 2				**$**

The work, which the contractor is required to perform under the Contract, shall be commenced at the time stipulated by the Local Public Agency in the Notice to Proceed to the contractor, with substantial completion of the project within 135 consecutive calendar days and final completion within 150 consecutive calendar days.

135. LIQUIDATED DAMAGES

As actual damages for any delay in completion of the work which the contractor is required to perform under this contract are impossible of determination, the contractor and his Sureties shall be liable for and shall pay to the Local Public Agency the sum of Four Hundred Dollars ($400.00) as fixed, agreed and liquid damages for each calendar day of delay from the above stipulated for substantial and/or final completion, or as modified in accordance with Section 109 hereof, until such work is satisfactorily completed and accepted.

(The minimum amount of the liquidated damages per calendar day should be sufficient to reimburse the Local Public Agency for all salaries for inspectors, and overhead expense due to the contractor having failed to complete the Improvements embraced in this Contract within the time stipulated for completion.)

136. SPECIAL HAZARDS

The contractor's and his subcontractor's Public Liability and Property Damage Insurance shall provide adequate protection against the special hazards.

137. CONTRACTOR'S AND SUBCONTRACTOR'S PUBLIC LIABILITY, VEHICLE LIABILITY, AND PROPERTY DAMAGE INSURANCE.

As required under Section 129 of the General Conditions the contractor's Public Liability Insurance and Vehicle Liability Insurance shall be in an amount not less that $325,000.00 for injuries, including accidental death, to any one person, and subject tot the same limit for each person, in an amount not less than $200,000.00 on account of one accident, and contractor's Property Damage Insurance I an amount not less that $325,000.00.

The contractor shall either (1) require each of his/her subcontractors to procure and to maintain during the life of his/her subcontract, Subcontractor's Public Liability and Property Damage of the type and in the same amounts as specified in the preceding paragraph, or (2) insure the activities of this subcontractors in his/her own policy.

138. RESPONSIBILITIES OF CONTRACTOR

Except as otherwise specifically stated in the Contract Documents and Technical

PROJECT 3 - GREG DRIVE

Chain GREG contains:
GREG101 GREG102

Beginning chain GREG description

Point GREG101 X 485,287.07 Y 10,667,990.77 Sta 8+00.00

Course from GREG101 to GREG102 S 86° 59' 23.01" E Dist 2,902.00

Point GREG102 X 488,185.06 Y 10,667,838.37 Sta 37+02.00

Ending chain GREG description

PROJECT 3B - CATHERINE JANE DRIVE

Chain CATHE contains:
CATHE01 CUR CATHE-1 CUR CATHE-2 CUR CATHE-3 CATHE02

Beginning chain CATHE description

Point CATHE01 X 485,672.00 Y 10,672,282.94 Sta 10+00.00

Course from CATHE01 to PC CATHE-1 S 87° 30' 58.41" E Dist 48.74

Curve Data

Curve CATHE-1
P.I. Station 11+03.37 X 485,775.28 Y 10,672,278.46
Delta = 39° 33' 42.01" (RT)
Degree = 37° 43' 09.87"
Tangent = 54.63
Length = 104.88
Radius = 151.90
External = 9.53
Long Chord = 102.81
Mid. Ord. = 8.96
P.C. Station 10+48.74 X 485,720.70 Y 10,672,280.83
P.T. Station 11+53.63 X 485,815.84 Y 10,672,241.87
C.C. X 485,714.11 Y 10,672,129.07
Back = S 87° 30' 58.41" E
Ahead = S 47° 57' 16.40" E
Chord Bear = S 67° 44' 07.41" E

Course from PT CATHE-1 to PC CATHE-2 S 47° 57' 16.40" E Dist 2,224.63

Curve Data

Curve CATHE-2
P.I. Station 34+05.78 X 487,488.33 Y 10,670,733.56
Delta = 42° 33' 12.41" (RT)
Degree = 81° 04' 30.39"
Tangent = 27.52
Length = 52.49
Radius = 70.67
External = 5.17
Long Chord = 51.29
Mid. Ord. = 4.82
P.C. Station 33+78.26 X 487,467.89 Y 10,670,751.99
P.T. Station 34+30.75 X 487,490.92 Y 10,670,706.16
C.C. X 487,420.56 Y 10,670,699.51
Back = S 47° 57' 16.40" E
Ahead = S 5° 24' 03.99" E
Chord Bear = S 26° 40' 40.20" E

Course from PT CATHE-2 to PC CATHE-3 S 5° 11' 05.18" E Dist 79.65

Curve Data

Curve CATHE-3
P.I. Station 35+17.57 X 487,498.76 Y 10,670,619.69
Delta = 8° 12' 38.78" (RT)
Degree = 57° 17' 44.81"
Tangent = 7.18
Length = 14.33
Radius = 100.00
External = 0.26
Long Chord = 14.32
Mid. Ord. = 0.26
P.C. Station 35+10.39 X 487,498.11 Y 10,670,626.84
P.T. Station 35+24.73 X 487,498.38 Y 10,670,612.53
C.C. X 487,398.52 Y 10,670,617.80
Back = S 5° 11' 05.18" E
Ahead = S 3° 01' 33.60" W
Chord Bear = S 1° 04' 45.79" E

Course from PT CATHE-3 to CATHE02 S 3° 01' 33.60" W Dist 41.76

Point CATHE02 X 487,496.18 Y 10,670,570.83 Sta 35+66.48

Ending chain CATHE description

PROJECT 3B - LINDA RENE LANE

Chain LINDA contains:
LINDA01 CUR LINDA-1 CUR LINDA-2 LINDA02

Beginning chain LINDA description

Point LINDA01 X 485,636.82 Y 10,671,471.90 Sta 10+00.00

Course from LINDA01 to PC LINDA-1 S 86° 24' 34.41" E Dist 114.00

Curve Data

Curve LINDA-1
P.I. Station 12+14.96 X 485,851.50 Y 10,671,461.47
Delta = 39° 33' 50.43" (RT)
Degree = 20° 24' 42.77"
Tangent = 100.96
Length = 193.83
Radius = 280.70
External = 17.60
Long Chord = 190.00
Mid. Ord. = 16.56
P.C. Station 11+14.00 X 485,750.60 Y 10,671,464.76
P.T. Station 13+07.83 X 485,927.19 Y 10,671,394.67
C.C. X 485,741.45 Y 10,671,184.21
Back = S 88° 07' 58.24" E
Ahead = S 48° 34' 07.81" E
Chord Bear = S 68° 21' 03.02" E

Course from PT LINDA-1 to PC LINDA-2 S 47° 57' 16.40" E Dist 768.40

Curve Data

Curve LINDA-2
P.I. Station 21+29.51 X 486,537.39 Y 10,670,844.37
Delta = 50° 58' 50.02" (RT)
Degree = 51° 16' 17.01"
Tangent = 53.28
Length = 99.43
Radius = 111.75
External = 12.05
Long Chord = 96.19
Mid. Ord. = 10.88
P.C. Station 20+76.23 X 486,497.82 Y 10,670,880.05
P.T. Station 21+75.66 X 486,534.57 Y 10,670,791.16
C.C. X 486,422.98 Y 10,670,797.06
Back = S 47° 57' 16.42" E
Ahead = S 3° 01' 33.60" W
Chord Bear = S 22° 27' 51.41" E

Course from PT LINDA-2 to LINDA02 S 3° 01' 33.60" W Dist 169.25

Point LINDA02 X 486,525.64 Y 10,670,622.15 Sta 23+44.91

Ending chain LINDA description

PROJECT 3B - MERIBETH LANE

Chain MERI contains:
MERI01 MERI02

Beginning chain MERI description

Point MERI01 X 485,929.90 Y 10,670,988.24 Sta 50+00.00

Course from MERI01 to MERI02 N 42° 02' 43.60" E Dist 855.00

Point MERI02 X 486,502.51 Y 10,671,623.18 Sta 58+55.00

Ending chain MERI description

SUPERELEVATION TABLES

Greg		
Station	RT	LT
10+17.57	-1.41	-0.01
10+75.00	-2.00	-2.00
22+00.00	-2.00	-2.00
23+09.00	-1.00	1.00
24+70.00	-2.00	-2.00
25+63.55	-1.00	1.00
27+57.75	-2.00	-2.00
36+00	-2.00	-2.00

Meri		
Station	RT	LT
50+00	-2.00	-2.00
52+00	-2.00	-2.00
52+75	-0.20	-0.20
53+25	-0.20	-0.20
54+00	-2.00	-2.00
57+75	-2.00	-2.00
58+40.58	0.00	-0.23
58+54.58	0.00	-0.23

Linda		
Station	RT	LT
10+51.22	-1.07	-0.01
12+00	-2.00	-2.00
14+00	-2.00	-2.00
15+50	-0.50	-0.50
16+15	-0.50	-0.50
17+00	-2.00	-2.00
21+50	-2.00	-2.00
22+94.33	-1.86	-0.05

Cathe		
Station	RT	LT
10+48.74	-2.29	-0.10
12+00	-2.00	-2.00
18+00	-2.00	-2.00
20+50	-0.50	0.50
21+00	-0.50	0.50
23+00	-2.00	-2.00
34+50	-2.00	-2.00
35+16.21	-0.36	-0.14

PARKHILL SMITH & COOPER

PARKHILL SMITH & COOPER INC. F-560 STATE OF TEXAS JEREMY J. CARSON 109766 LICENSED PROFESSIONAL ENGINEER 04/16/12

B.C.A.P.
IMPROVEMENTS PROJECT
No. 3 - DEERFIELD PARK
No. 3B - HOMESTEAD
MEADOWS SOUTH #5

500 E. SAN ANTONIO
EL PASO, TEXAS
79901

KEY PLAN

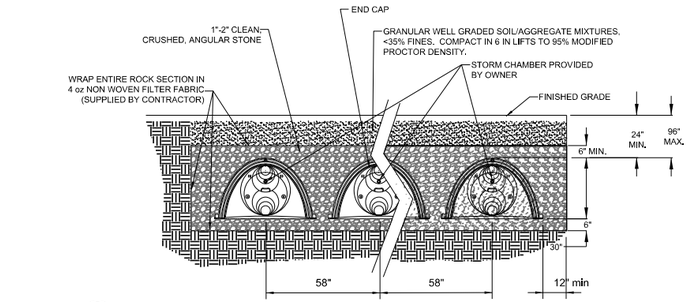
NO	DATE	DESCRIPTION
1	02/06/12	FINAL SUBMITTAL

ISSUING OFFICE: EL PASO PROJECT NO: 5161.10

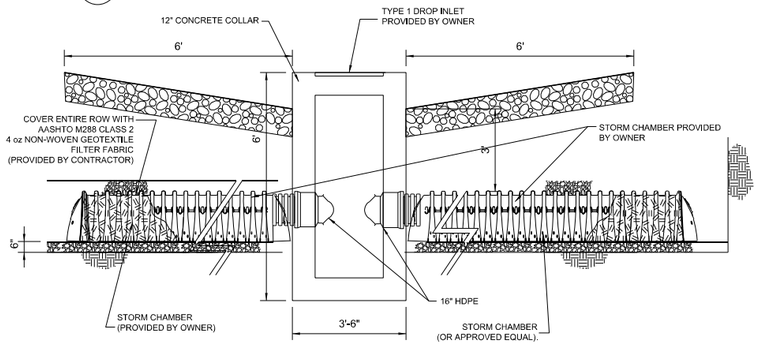
ALIGNMENT DATA

004

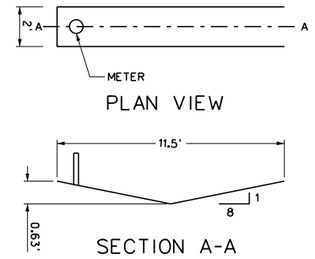
X:\2010\5161.10\CADD\00_SHEETS\004-5161oln01dgn.dgn



D1 CHAMBER LAYOUT
NO SCALE

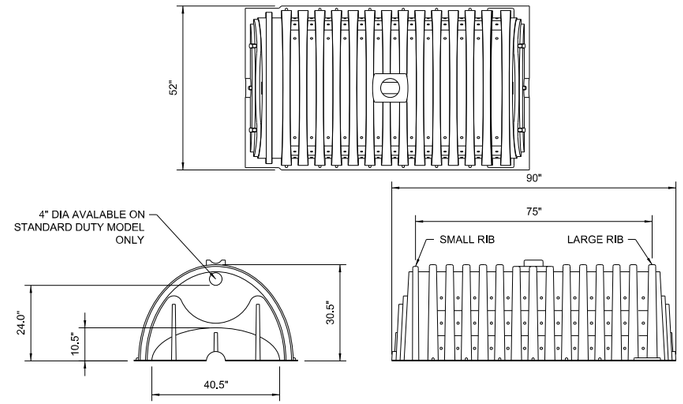


C1 CHAMBER LAYOUT
NO SCALE

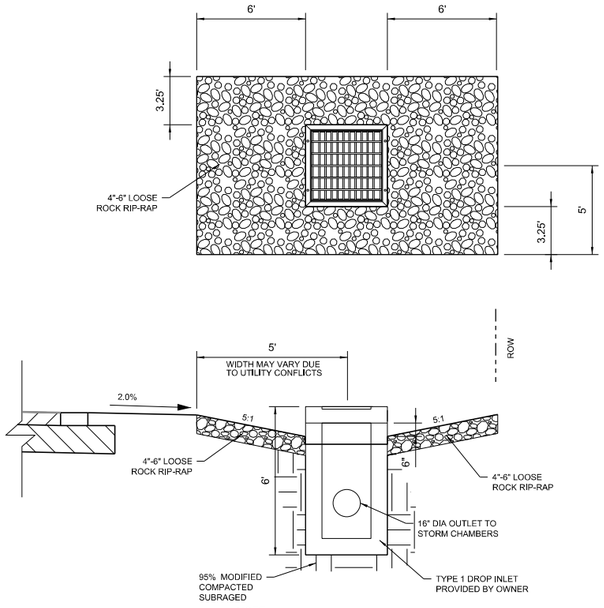


D3 DITCH DETAIL AT METER
NO SCALE

INLET ELEVATION SUMMARY			
INLET NAME	INLET THROAT ELEVATION	INLET FLOWLINE ELEVATION	TOP OF INFILTRATOR ELEVATION
A1	4056.09	4051.09	4053.09
A2	4057.52	4052.52	4054.52
B1	4057.29	4052.29	4054.29
I1	4065.43	4060.43	4062.43
J1	4065.43	4060.43	4062.43
L1	4065.24	4060.24	4062.24
M1	4064.54	4059.54	4061.54
O1	4068.14	4063.14	4065.14
R1	4061.34	4056.34	4058.34

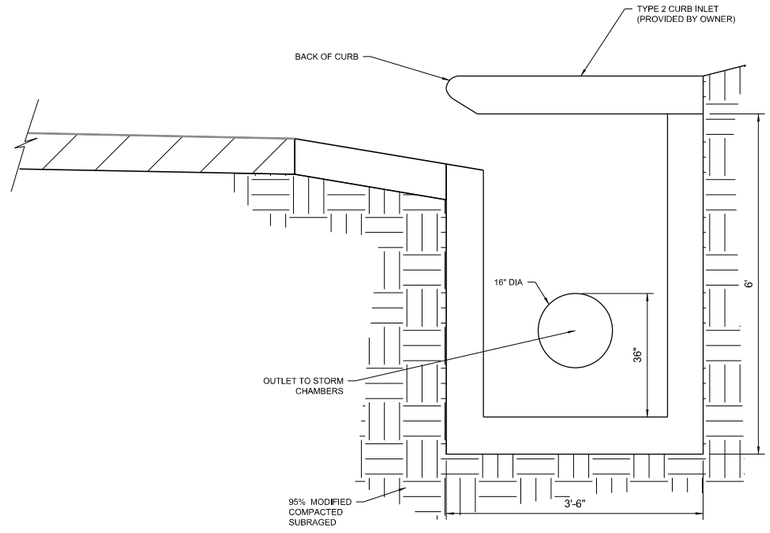


CULTEC RECHARGER 330HD CHAMBER STORAGE = 7.459 CF/FT
INSTALLED LENGTH ADJUSTMENT = 1.25'
ALL RECHARGER 330HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.



NOTE:
CONTRACTOR SHALL BE RESPONSIBLE FOR PICKING UP AND TRANSPORTING STORM CHAMBERS AND INLETS FROM OWNER'S YARD TO PROJECT SITE

A1 TYPICAL DROP INLET - TYPE 1
NO SCALE



A4 TYPICAL CURB INLET - TYPE 2
NO SCALE

PSC
PARKHILL SMITH & COOPER

PARKHILL SMITH & COOPER, INC. F-560
STATE OF TEXAS
JEREMY J. CARSON
109766
LICENSED PROFESSIONAL ENGINEER
04/16/12

B.C.A.P.
IMPROVEMENTS PROJECT
No. 3 - DEERFIELD PARK
No. 3B - HOMESTEAD MEADOWS SOUTH #5

500 E. SAN ANTONIO
EL PASO, TEXAS
79901

KEY PLAN

NO	DATE	DESCRIPTION
1	02/06/12	FINAL SUBMITTAL

ISSUING OFFICE: EL PASO PROJECT NO: 5161.10

DRAINAGE DETAILS

045

X:\2010\5161.10\CADD\00_SHEETS\045_5161drn_det01.dgn