

ADDENDUM NO. 3

PROJECT NAME: MOUNTAIN VIEW ESTATES PHASE III DRAINAGE

DATE: 2/3/2015

ADDENDUM NO. 3

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

PROJECT NO.: 40-00329

Formal Invitation for Bid and Contract:

- 1. The SWPPP narrative has been replaced with an updated sheet. Sheet number 42 has been replaced with sheets 42A and 42B. These two sheets include the updated narrative for the SWPPP in the correct layout. These sheet numbers have been updated in the Sheet Index (Sheet 2 & 3).**
- 2. General notes have been added to all SWPPP sheets (sheets 43-46,134, and 149-151). These notes contain a description of the different methods for stormwater pollution prevention and the responsibilities by corresponding parties. Refer to SWPPP sheets to read the general notes.**
- 3. SWPPP sheets for Alternative Phase II have been added to the set as sheet number 149-151.**
- 4. Line item 531.6 for Speed Limit Signs has been added to the COSA 025 Unit Pricing Form. The line item has been added under the Base Bid, Add Alt Bid Phase I, and Add Alt Bid Phase II.**
- 5. Line item 828 for an 8" Gate Valve, under SAWS Specifications, has been added to the COSA 025 Unit Pricing Form**

6. A total cost summary line has been added to the COSA 025 Unit Pricing Form under Base Bid (SAWS Water, SAWS Sewer, and CPS), Add Alt I Bid, and Add Alt II Bid.

7. Sheet number 53 in the Bid Plan Set has been replaced with the correct information. The intersection layout should be for the intersection of Mt Baker and Mt Helen.



Craig P. Fletcher
2/3/2015

ALT. NO	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
BASE BID									
	100			MOBILIZATION	LS	1			
	100			INSURANCE & BOND	LS	1			
	101			PREPARING RIGHT-OF-WAY	LS	1			
	103.1			REMOVE CONCRETE CURB	LF	108			
	103.A			REMOVE CONCRETE CURB (SAWTOOTH)	LF	45			
	103.B			REMOVE CONCRETE CURB (ARMORED)	LF	155			
	103.C			REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	3,846			
	103.4			REMOVE MISCELLANEOUS CONCRETE (GTR)	SF	199			
	104.1			STREET EXCAVATION	CY	1,133			
	105.1			CHANNEL EXCAVATION	CY	2,828			
	106.1			BOX CULVERT EXCAVATION & BACKFILL (600'-X<10,000 C.Y.)	CY	4,089			
	107.1			EMBANKMENT (FINAL) (ORD COMP) (TY A)	CY	40			
	200.1			FLEXIBLE BASE (TY A) (10" COMPACTED DEPTH)	SY	1,439			
	200.1			FLEXIBLE BASE (TY A) (14" COMPACTED DEPTH)	SY	1,096			
	203.1			TACK COAT	SY	253			
	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)	SY	1,439			
	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (4" COMP. DEPTH)	SY	1,096			
	306.1			STRUCTURAL EXCAVATION	CY	1,695			
	TXDOT 423			CONCRETE RETAINING WALLS (CAST IN PLACE)	CY	246			
	307.1			CONCRETE STRUCTURE (HEADWALLS OR OUTFALL STRUCTURES)	CY	38			
	309.1			PRE-CAST CONCRETE CULVERT (7' x 5')	LF	1,793			
	401.1			REINFORCED CONCRETE PIPE (CLASS III) (24" DIA)	LF	20			
	401.1			REINFORCED CONCRETE PIPE (CLASS III) (30" DIA)	LF	201			
	401.1			REINFORCED CONCRETE PIPE (CLASS III) (36" DIA)	LF	220			
	401.4			SAFETY END TREATMENT (TYPE I) (18" DIA)	EA	16			
	403.1			JUNCTION BOX 4'X4'X4'	EA	3			
	403.6			SPECIAL JUNCTION BOX COMPLETE (24'X5')	EA	1			
	403.7			INLET TYPE I (COMPLETE) (10 FT)	EA	8			
	403.9			INLET EXTENSIONS (10 FT)	EA	1			
	403.12			SPECIAL INLET (4-WAY)	EA	2			
	404.1			CORRUGATED METAL PIPE (18" DIA.)	LF	333			
	404.1			CORRUGATED METAL PIPE (42" DIA.)	LF	10			
	407.4			CONCRETE COLLAR	CY	8			
	410.2			GRAVEL SUBGRADE FILLER (100 CY < X < 1,000 C.Y.)	CY	788			
	413.1			FLOWABLE BACKFILL (LOW STRENGTH)	CY	206			
	500.1			CONCRETE CURBING	LF	49			

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: MOUNTAIN VIEW ESTATES
PROJECT NO. 40-00329

Item ID	Description	Unit	Quantity	Unit Price	Total Price
500.4	CONCRETE CURB & GUTTER	LF	284		
502.1	CONCRETE SIDEWALKS	SY	166		
503.1	CONCRETE DRIVEWAYS	SY	319		
505.1	CONCRETE RIPRAP (5" THICK)	SY	644		
507.2	CHAIN LINK WIRE FENCE (6' HIGH)	LF	1,095		
507.5	GATES- VEHICULAR	EA	1		
509.1	METAL BEAM GUARD RAIL	LF	100		
513.1	REMOVING AND RELOCATING MAIL BOXES	EA	5		
530.1	BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1		
531.3	R1-1 STOP SIGN (30") (HIGH DENSITY)	EA	2		
531.6	R2-1 SPEED LIMIT* (24"X30")	EA	2		
531.57	9IN STREET NAME, BLOCK NUMBER	EA	4		
535.2	4" WIDE WHITE LINE (<30,000LF)	LF	411		
535.7	24" WIDE WHITE LINE	LF	24		
536.1	4" YELLOW LINE	LF	1,336		
540.3	ROCK FILTER DAMS (INSTALL/REMOVE) (TYPE 3)	LF	140		
540.6	CONSTRUCTION EXITS (INSTALL/REMOVE)	SY	148		
540.9	TEMPORARY SEDIMENT CONTROL FENCE	LF	2,171		
540.10	CURB INLET GRAVEL FILTER BAGS	LF	216		
550.1	TRENCH EXCAVATION SAFETY PROTECTION	LF	1,312		
0432-2005	STONE RIPRAP TY R (DRY) 6" THICK	CY	240		
103.3	REMOVE CONCRETE DRIVEWAYS	SF	225		
205.4	HOT MIXED ASPHALTIC CONCRETE PAVEMENT "D" 2" DEPTH	SY	26		
206.1	ASPHALT TREATED BASE (10" COMPACTED DEPTH)	SY	21		
806	TOPSOIL - 4"	CY	183		
804	SOD - COMMON BERMUDA	SY	1,664		
804	SEED - COMMON BERMUDA	SF	1,759		
804	SEED - NATIVE SEED MIX	SY	4,052		
801.1	LEVEL I PROTECTIVE FENCING	LF	3,286		
802.2	LEVEL II PRUNING	EA	22		
805.1	TREE - CEDAR ELM - 2 1/2" CAL.	EA	6		
805.1	TREE - CONDALIA - 1 1/2" CAL.	EA	2		
805.1	TREE - LACEY OAK - 2 1/2" CAL.	EA	3		
805.1	TREE - LIVE OAK - 2 1/2" CAL.	EA	5		
805.1	TREE - PERSIMMON - 1 1/2" CAL.	EA	4		
805.1	TREE - TEXAS MOUNTAIN LAUREL - 1 1/2" CAL.	EA	4		
805.5	COMPOST - 2"	CY	37		
805.6	SHREDDED PINE BARK MULCH - 6" (TREE PRES)	CY	299		
805.6	SHREDDED PINE BARK MULCH - 4" (LAND)	CY	72		
804	SEED - COMMON BERMUDA**	SF	22,712		
801.1	LEVEL I PROTECTIVE FENCING**	LF	1,878		
805.6	SHREDDED PINE BARK MULCH (TREE PRES)**	CY	350		
808	IRRIGATION (TEMPORARY WATERING FOR 1 YEAR)				

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		SAWS WATER		TOTAL COST:	
100	MOBILIZATION	LS	1		
101	PREPARING RIGHT-OF-WAY	LS	1		
104	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	225		
205.4	HOT MIXED ASPHALTIC CONCRETE PAVEMENT "D" 2" DEPTH	SY	26		
206.1	ASPHALT TREATED BASE (10" COMPACTED DEPTH)	SY	21		
515.1	TOP SOIL (4" DEPTH)	CY	8		
516.1	BERMUDA SODDING	SY	70		
550	TRENCH PROTECTION	LF	207		
818	8" PVC WATERLINE (RESTRAINED)	LF	207		
824	RELAY 3/4" SHORT SERVICE	EA	2		
824	RELAY 3/4" LONG SERVICE	EA	1		
824	NEW 3/4" UNMETERED SHORT SERVICE	EA	1		
824	NEW 3/4" UNMETERED LONG SERVICE	EA	3		
826	VALVE BOX ADJUSTMENT	EA	1		
828	8" GATE VALVE	EA	1		
833	EXISTING METER AND NEW METER BOX RELOCATION	EA	3		
836	PIPE FITTINGS, ALL SIZES & TYPES	TON	1		
840	8" WATER TIE-INS	EA	4		
841	HYDROSTATIC TESTING	EA	2		
844	2" BLOW-OFF, TEMPORARY	EA	4		
				TOTAL COST:	
		SAWS SEWER		TOTAL COST:	
100	MOBILIZATION	LS	1		
101	PREPARING RIGHT-OF-WAY	LS	1		
851	ADJUST EXISTING MANHOLE (WATERTIGHT)	EA	1		
854	SANITARY SEWER LATERALS	LF	350		
854.1	ONE-WAY SANITARY SEWER CLEAN-OUT	EA	12		
855	RECONSTRUCTION OF EXISTING MANHOLE	EA	1		
860	VERTICAL STACKS	VF	60		
864	BYPASS PUMPING (8"-12")	LS	1		
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-24")	LF	670		
				TOTAL COST:	
		CPS		TOTAL COST:	
	4" PLASTIC PIPE AND TRACER WIRE	LF	493		
	FLOWABLE FILL	CY	30		
	ASPHALT	SY	165		
				TOTAL COST:	
				TOTAL BASE BID:	

ADD ALT BID PHASE I

ALT. NO	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	100			MOBILIZATION	LS	1			
	100			INSURANCE & BOND	LS	1			
	101			PREPARING RIGHT-OF-WAY	LS	1			
	103.A			REMOVE CONCRETE CURB (SAWTOOTH)	LF	372			
	103.C			REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	3,309			
	103.4			REMOVE MISCELLANEOUS CONCRETE (GTR)	SF	495			
	104.1			STREET EXCAVATION	CY	645			
	200.1			FLEXIBLE BASE(TYP A)(14" COMPACTED DEPTH)	SY	1,291			
	203.1			TACK COAT	SY	129			
	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (4" COMP. DEPTH)	SY	1,291			
	306.1			STRUCTURAL EXCAVATION	CY	422			
	401.1			REINFORCED CONCRETE PIPE (CLASS III)(24" DIA)	LF	252			
	401.1			REINFORCED CONCRETE PIPE (CLASS III)(30" DIA)	LF	187			
	403.1			JUNCTION BOX 4'X4'X4'	EA	2			
	403.7			INLET TYPE I (COMPLETE)(10FT)	EA	4			
	403.9			INLET EXTENSIONS (10 FT)	EA	2			
	407.4			CONCRETE COLLAR	CY	2			
	410.2			GRAVEL SUBGRADE FILLER (100 CY< X < 1,000 C.Y.)	CY	54			
	500.1			CONCRETE CURBING	LF	372			
	502.1			CONCRETE SIDEWALKS	SY	285			
	503.1			CONCRETE DRIVEWAYS	SY	109			
	513.1			REMOVING AND RELOCATING MAIL BOXES	EA	1			
	515.1			TOP SOIL (4" DEPTH)	CY	12			
	530.1			BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1			
	531.6			R2-1 SPEED LIMIT* (24"X30")	EA	1			
	535.2			4" WIDE WHITE LINE (<30,000LF)	LF	494			
	540.9			TEMPORARY SEDIMENT CONTROL FENCE	LF	490			
	540.10			CURB INLET GRAVEL FILTER BAGS	LF	60			
	550.1			TRENCH EXCAVATION SAFETY PROTECTION	LF	474			
	804			SEED - COMMON BERMUDA	SF	1,585			
	801.1			LEVEL I PROTECTIVE FENCING	LF	292			
	802.2			LEVEL II PRUNING	EA	7			
	805.6			SHREDDED PINE BARK MULCH - 6" (TREE PRES)	CY	34			
TOTAL COST:									

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PROJECT NAME: MOUNTAIN VIEW ESTATES
PROJECT NO. 40-00329

ADD ALT BID PHASE II

ALT. NO	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	100			MOBILIZATION	LS	1			
	100			INSURANCE & BOND	LS	1			
	101			PREPARING RIGHT-OF-WAY	LS	1			
	103.A			REMOVE CONCRETE CURB (SAWTOOTH)	LF	545			
	103.C			REMOVE CONCRETE SIDEWALKS & DRIVEWAYS	SF	7,447			
	103.4			REMOVE MISCELLANEOUS CONCRETE (GTR)	SF	972			
	104.1			STREET EXCAVATION	CY	172			
	200.1			FLEXIBLE BASE(TY A)(14" COMPACTED DEPTH)	SY	75			
	203.1			TACK COAT	SY	132			
	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (4" COMP. DEPTH)	SY	1,321			
	500.1			CONCRETE CURBING	LF	621			
	502.1			CONCRETE SIDEWALKS	SY	884			
	503.1			CONCRETE DRIVEWAYS	SY	801			
	515.1			TOP SOIL (4" DEPTH)	CY	12			
	530.1			BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1			
	531.6			R2-1 SPEED LIMIT* (24"X30")	EA	1			
	535.2			4" WIDE WHITE LINE (<30,000LF)	LF	970			
	540.9			TEMPORARY SEDIMENT CONTROL FENCE	LF	970			
	804			SEED - COMMON BERMUDA	SF	4,009			
	801.1			LEVEL I PROTECTIVE FENCING	LF	486			
	802.2			LEVEL II PRUNING	EA	12			
	805.6			SHREDDED PINE BARK MULCH - 6" (TREE PRES)	CY	51			
TOTAL COST:									

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out. _____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

INDEX OF SHEETS

SHEET No INDEX, PROJECT LAYOUT AND QUANTITIES

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2	INDEX OF SHEETS I
3	INDEX OF SHEETS II
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5	SURVEY CONTROL
6	ROADWAY PROJECT LAYOUT ROGERS RD
7	ROADWAY PROJECT LAYOUT MT BAKER
8	STORM SEWER PROJECT LAYOUT
9	STORM SEWER PROJECT LAYOUT ROGERS RD
10	STORM SEWER LAYOUT MT BAKER I
11	STORM SEWER LAYOUT MT BAKER II
12	STORM SEWER LAYOUT MT BAKER III
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14	ROGERS RD TYPICAL SECTIONS I
15	ROGERS RD TYPICAL SECTIONS II
16	MT BAKER TYPICAL SECTIONS
17	GENERAL NOTES
18	QUANTITY SUMMARY SHEET I
19	QUANTITY SUMMARY SHEET II

SHEET No SOC, TCP, SWPPP AND DEMOLITION PLAN

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21	TRAFFIC CONTROL PLAN PHASE I & II
22	SEQUENCE OF CONSTRUCTION PHASE III
23	TRAFFIC CONTROL PLAN PHASE III
24	SEQUENCE OF CONSTRUCTION PHASE IV & V
25	TRAFFIC CONTROL PLAN PHASE IV & V
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31	BARRICADE AND CONSTRUCTION WORK ZONE SPEED LIMIT (3)
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33	BARRICADE AND CONSTRUCTION TYPICAL SIGN SUPPORT (5)
34	BARRICADE AND CONSTRUCTION STANDARDS PORTABLE CHANGEABLE (6)
35	BARRICADE AND CONSTRUCTION ARR.W. PANEL, REFLS, WARNING LIGHTS (7)
36	BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES (8)
37	BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES (9)
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42B	SWPPP NARRATIVE B
43	SWPPP PHASE I
44	SWPPP PHASES I & II
45	SWPPP PHASE III
46	SWPPP PHASE IV & V
47	DEMOLITION PLAN MOUNT BAKER (BASE BID)
48	DEMOLITION PLAN ROGERS RD (BASE BID)

SHEET No ROADWAY SET PLAN

49	ROGERS RD STA 102+14.00 TO STA 106+25.00
50	MT BAKER STA 10+00.00 TO STA 13+00.00
51	MT BAKER STA 13+00.00 TO STA 16+68.00

SHEET No ROADWAY PLAN SET CONT

52	INTERSECTION LAYOUT ROGERS RD/MT BAKER
53	INTERSECTION LAYOUT MT BAKER/MT HELEN
54	TYPICAL STANDARD PAVEMENT MARKINGS
55	CONCRETE DRIVEWAY STANDARDS
56	MISCELLANEOUS CONSTRUCTION STANDARDS I
57	MISCELLANEOUS CONSTRUCTION STANDARDS II
58	WHEELCHAIR RAMP STANDARDS
59	CHAIN LINK WIRE FENCE STANDARDS
60	METAL BEAM GUARD FENCE STANDARD

SHEET No DRAINAGE PLAN SET

61	DRAINAGE AREA MAP EXISTING WATERSHED
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63	DRAINAGE AREA MAP PROPOSED INLET AREAS AND SYSTEM DESIGNATION
64	STORM SEWER PLAN AND PROFILE ROGERS RD (LINE 2 & 3)
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67	STORM SEWER PLAN AND PROFILE MT BAKER (LINE 1C & 1D)
68	STORM SEWER PLAN AND DETAIL ROGERS RD (LINE 1)
69	MOUNT BAKER DITCHES PLAN AND PROFILES I (DI MB 01)
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71	MOUNT BAKER DITCHES PLAN AND PROFILES I (DI MB 02)
72	MOUNT BAKER DITCHES PLAN AND PROFILES II (DI MB 02)
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77	PROPOSED STORM SEWER HYDRAULIC CALCULATIONS
78	4 - WAY INLET STANDARDS
79	4'X4'X4' JUNCTION BOX STANDARDS
80	CONCRETE WINGWALLS WITH PARALLEL WINGS FOR BOX CULVERTS (PW)
81	TYPE "C" INLET (TY I & II) & INLET EXTENSION STANDARDS (1 OF 3)
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85	SAFETY END TREATMENT DETAILS
86	STORMDRAIN MANHOLE DETAIL
87	ROGERS RD SECTIONS STA 102+50.00 TO STA 106+00.00
88	MT BAKER SECTIONS STA 11+00.00 TO STA 12+00.00
89	MT BAKER SECTIONS STA 12+50.00 TO STA 13+50.00
90	MT BAKER SECTIONS STA 14+00.00 TO STA 15+00.00
91	MT BAKER SECTIONS STA 15+50.00 TO STA 16+00.00
92	UNNAMED TRIBUTARY 3 SECTIONS STA 9+50.00 TO STA 11+00.00
93	UNNAMED TRIBUTARY 3 SECTIONS STA 10+50.00 TO STA 13+00.00

SHEET No STRUCTURAL RETAINING WALL PLAN SET

94	RETAINING WALL PANEL DETAILS
95	RETAINING WALL SECTION AND ELEVATION
96	RETAINING WALL MISCELLANEOUS DETAILS

SHEET No WATER AND SEWER PLAN SET

97	WATER COVER SHEET
98	GENERAL WATER NOTES
99	WATER MT BAKER STA 10+00.00 TO STA 13+50.00
100	WATER MT BAKER STA 13+50.00 TO STA 16+68.00
101	SANITARY SEWER COVER SHEET
102	GENERAL SEWER NOTES
103	SEWER MT BAKER STA 10+00.00 TO STA 13+50.00
104	SEWER MT BAKER STA 13+50.00 TO STA 16+68.00

SHEET No CPS ENERGY GAS PLAN SET

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106	PIPE PRINT LINE DATA SHEET
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108	ROGERS RD GAS TOP OF PIPE ELEVATION 101+07.00 TO STA 103+94.00

SHEET No TREE PRESERVATION AND LANDSCAPE PLANS

109	OVERALL TREE PRESERVATION PLAN
110	ENLARGED TREE PRESERVATION PLAN
111	ENLARGED TREE PRESERVATION PLAN
112	ENLARGED TREE PRESERVATION PLAN
113	ENLARGED TREE PRESERVATION PLAN
114	ENLARGED TREE PRESERVATION PLAN ADD ALT I
115	ENLARGED TREE PRESERVATION PLAN ADD ALT II
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118	TREE PRESERVATION/ LANDSCAPE DETAILS
119	OVERALL LANDSCAPE PLAN
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121	ENLARGED LANDSCAPE PLAN
122	ENLARGED LANDSCAPE PLAN
123	ENLARGED LANDSCAPE PLAN
124	ENLARGED LANDSCAPE PLAN ADD ALT I
125	ENLARGED TREE PRESERVATION PLAN ADD ALT II

Craig P. Fletcher
2/3/2015



14603 HUEBNER RD, BLDG. 40 PHONE (210) 979-8444
SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS

INDEX OF SHEETS I

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INDEX OF SHEETS

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127	ROGERS RD ROADWAY PROJECT LAYOUT (ADD ALT I)
128	STORM SEWER PROJECT LAYOUT (ADD ALT I)
129	ROGERS RD TYPICAL SECTIONS I STA 97+19.58 TO 99+50.00
130	ROGERS RD TYPICAL SECTIONS II STA 99+50.00 TO 102+14.00
131	SEQUENCE OF CONSTRUCTION
132	QUANTITY SUMMARY SHEET
133	TRAFFIC CONTROL (ADD ALT I)
134	SWPPP (ADD ALT I)
135	DEMOLITION PLAN (ADD ALT I)
136	ROGERS RD (ADD ALT I) STA 97+19.58 TO STA 101+00.00
137	ROGERS RD (ADD ALT I) STA 101+00.00 TO STA 102+14.00
138	STORM SEWER PLAN AND PROFILE ROGERS RD (LINE 3A & 3B) STA 97+19.58 TO STA 101+00.00
139	STORM SEWER PLAN AND PROFILE ROGERS RD (LINE 3B) STA 100+00.00 TO STA 102+14.00
140	STORM SEWER LATERAL PROFILES
141	ROGERS RD SECTIONS STA 97+50.00 TO STA STA 100+00.00
142	ROGERS RD SECTIONS STA 100+00.00 TO STA STA 102+00.00

SHEET No ADD ALTERNATIVE PHASE II

143	OVERALL PROJECT LAYOUT (ADD ALT II)
144	ROADWAY PROJECT LAYOUT ROGERS RD
145	ROGERS RD TYPICAL SECTIONS
146	QUANTITY SUMMARY SHEET
147	SEQUENCE OF CONSTRUCTION
148	TRAFFIC CONTROL (ADD ALT II)
149	SWPPP PLAN I (ADD ALT II)
150	SWPPP PLAN II (ADD ALT II)
151	SWPPP PLAN III (ADD ALT II)
152	DEMOLITION PLAN I (ADD ALT II)
153	DEMOLITION PLAN II (ADD ALT II)
154	ROGERS RD (ADD ALT II) STA 87+50.00 TO STA 92+00.00
155	ROGERS RD (ADD ALT II) STA 92+00.00 TO STA 96+00.00
156	ROGERS RD (ADD ALT II) STA 96+00.00 TO STA 97+19.59
157	ROGERS RD (ADD ALT II) SECTIONS STA 87+50.00 TO STA 90+00.00
158	ROGERS RD (ADD ALT II) SECTIONS STA 90+50.00 TO STA 93+00.00
159	ROGERS RD (ADD ALT II) SECTIONS STA 93+50.00 TO STA 96+00.00
160	ROGERS RD (ADD ALT II) SECTIONS STA 96+50.00 TO STA 97+00.00

Craig P. Fletcher
2/3/2015



14603 HUEBNER RD. BLDG. 40 PHONE (210) 979-8444
SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS

INDEX OF SHEETS II

BID SUBMITTAL	PROJECT NO: 305-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO: 3

SITE DESCRIPTION

1. PROJECT NAME AND LOCATION: MOUNTAIN VIEW ESTATES PH III DRAINAGE,
ROGERS RD AND MOUNT BAKER INTERSECTION

2. CONTACT AND PHONE NO.: RICHARD DE LA CRUZ, P.E., CIMS CITY OF SAN ANTONIO, (210) 207-7790

3. PROJECT DESCRIPTION: RELIEVE CURRENT FLOODING PROBLEMS WITHIN THE MOUNTAIN VIEW ESTATES SUBDIVISION. INSTALL
2 7X4' CONCRETE BOXES ALONG MOUNT BAKER ROAD, CHANNEL IMPROVEMENTS WITHIN UNNAMED TRIB 3, ONE LANE
PAVEMENT RECONSTRUCTION AND SAWTOOTH CURB REMOVAL ALONG ROGERS ROAD.

4. LINEAR ROW OR NON LINEAR ROW

5. POTENTIAL POLLUTANT SOURCES AT THE CONSTRUCTION PROJECT MAY INCLUDE (CHECK ALL THAT APPLY):

DUST LITTER/TRASH CONTAMINATED SOILS
 VEHICLE FLUIDS AGGREGATE, BASE, SAND, FERTILIZERS/HERBICIDES
 OIL AND GREASE SAND SPOILS (DESCRIBE) CONCRETE WASHOUT VEHICLE WASH
WATER OTHER CHEMICALS (DESCRIBE)

6. MAJOR SOIL DISTURBING ACTIVITIES: APPROXIMATELY 290 TO 300 FEET ALONG UNNAMED TRIBUTARY 3 (40 WIDE CHANNEL). ALSO,
SOIL DISTURBANCE DUE TO PROPOSED 2-7X4' REINFORCED CONCRETE BOXES ALONG MOUNT BAKER.

TOTAL PROJECT AREA (ACRES): 2.5 ACRES MATERIAL STORAGE AREAS (ACRES): _____ SUPPORTING ASPHALT PLANT: _____
TOTAL AREA TO BE DISTURBED: 2.5 ACRES SUPPORTING CONCRETE BATCH PLANT: _____ SUPPORTING BARROW PIT: _____
LAYDOWN YARDS: _____ OTHER: _____

7. WEIGHTED RUNOFF COEFFICIENT (AFTER CONSTRUCTION):
THE WEIGHTED RUNOFF COEFFICIENT WILL REMAIN UNCHANGED FROM PRE TO POST PROJECT CONDITIONS.

8. EXISTING CONDITION OF SOIL, VEGETATIVE COVER AND % OF VEGETATIVE COVER:
THERE ARE THREE MAIN SOIL TYPES THAT COMPOSE MOST OF THE MOUNTAIN VIEW WATERSHED. THERE IS LEWISVILLE SILTYCLAY, ECKRANT COBBLY CLAY,
AND TINN AND FRIO SOILS, ALL WHICH ARE WELL DRAINED.

9. DESCRIPTION OF WATER DISCHARGED NOT ASSOCIATED WITH CONSTRUCTION:
WATERSHED IS APPROXIMATELY 0.5 SQUARE MILES, EXTENDING PAST SH 151 TO THE SOUTH AND CONTAINS MOST OF MOUNTAIN VIEW ESTATES SUBDIVISION.

10. NAMES AND SEGMENT NUMBERS OF RECEIVING WATERS THAT WILL
RECEIVE DISCHARGES FROM DISTURBED AREAS OF THE PROJECT:
UNNAMED TRIBUTARY 3 TO CULEBRA CREEK

11. IDENTIFY STORMWATER DISCHARGE POINTS:
FOR THE AREA WEST OF ROGERS ROAD, THERE WILL BE A POINT DISCHARGE AND CAPTUREMENT AREA ON THE WEST PARKWAY AREA OFF
ROGERS ROAD AT THE ROGERS ROAD/MOUNT BAKER INTERSECTION. THE OTHER POINT DISCHARGE WILL BE DUE TO THE PROPOSED OUTFALL
TO BE LOCATED AT APPROXIMATELY 250' EAST OF THE MOUNT BAKER/MOUNT HELEN INTERSECTION.

12. DESCRIPTION AND TIME FRAME FOR INSTALLATION OF STABILIZATION
PRACTICES IN CONJUNCTION WITH CONSTRUCTION:
THE CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION CONTRACT TO ASSURE EFFECTIVE AND
CONTINUOUS WATER POLLUTION CONTROL, DURING CONSTRUCTION AND POST CONSTRUCTION PERIODS.

EROSION AND SEDIMENTATION CONTROLS

1. SOIL STABILIZATION PRACTICES:

HYDROMULCHING PRESERVATION OF NATURAL RESOURCES
 TEMPORARY SEEDING FLEXIBLE CHANNEL LINER
 PERMANENT PLANTING, SODDING OR SEEDING RIGID CHANNEL LINER
 MULCHING COMPOST MANUFACTURED TOPSOIL
 SOIL RETENTION BLANKET OTHER (BIO LOGS)
 BUFFER ZONES

OTHER:
DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED TEMPORARILY OR PERMANENTLY, SHALL BE STABILIZED WITHIN
14 DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME AND DONE WITHIN 21 DAYS.

2. STRUCTURAL PRACTICES:

SILT FENCES
 HAY BALES
 GRAVEL FILTRATION BAGS
 ROCK BERMS
 DIVERSION, INTERCEPTOR OR PERIMETER DIKES
 DIVERSION, INTERCEPTOR OR PERIMETER SWALES
 DIVERSION, DIKE AND SWALE COMBINATIONS
 PAVED FLUMES
 ROCK BEDDING AT CONSTRUCTION EXIT (STABILIZED ENTRANCE)
 TIMBER MATTING AT CONSTRUCTION EXIT (STABILIZED ENTRANCE)
 CHANNEL LINERS
 SEDIMENT TRAPS
 SEDIMENT BASINS
 STORM INLET SEDIMENT TRAP
 STONE OUTLET SEDIMENT STRUCTURES
 CURBS AND GUTTERS
 STORM SEWERS
 VELOCITY CONTROL STRUCTURES
 GEOTEXTILES

OTHER:

3. NARRATIVE - SEQUENCE OF CONSTRUCTION (STORMWATER MANAGEMENT) ACTIVITIES:

1. PREPARE ROW WITHIN THE STREET PORTION OF THE PROJECT LIMITS, LOST EAST OF MOUNT BAKER/ MOUNT HELEN INTERSECTION
AND CHANNEL IMPROVEMENTS AREA.
2. EXCAVATE, GRADE GRASSED/ROCKY AREA WITHIN UNNAMED TRIB 3, INSTALL LIMESTONE BLOCKS, TRM AND DRY RIPRAP ACCORDING
TO PLANS (PHASE I).
3. INSTALL PROPOSED CURB INLETS, HEADWALL, PROPOSED REINFORCED CONCRETE BOXES, ROCK FILTER DAMS, STABILIZED
CONSTRUCTION EXITS AS SHOWN ON SW3P AS SOON AS THEY ARE FUNCTIONAL (PHASE II - IV).
4. INSTALL SIDEWALKS, CURB, PLACE BASE AND PAVEMENT SURFACE.
5. WHEN CONSTRUCTION IS COMPLETE, THE SITE STABILIZED AND APPROVED BY THE ENGINEER, REMOVE ALL TEMPORARY SEDIMENT
CONTROL MEASURES AND RESOD ANY AREAS DISTURBED BY THEIR REMOVAL.

4. A DESCRIPTION OF MAINTENANCE PROCEDURES FOR CONTROL MEASURES USED:
THE CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION CONTRACT TO ASSURE EFFECTIVE AND
CONTINUOUS WATER POLLUTION CONTROL, DURING CONSTRUCTION AND POST CONSTRUCTION PERIODS. THE CONTRACTOR SHALL CLEAN
PAVED SURFACES AS NECESSARY TO REMOVE SEDIMENT WHICH HAS ACCUMULATED ON THE ROADWAY DUE TO STORM WATER FLOWS AND
VEHICULAR TRAFFIC THROUGH AND ACROSS THE CONSTRUCTION SITE.

5. STORMWATER MANAGEMENT:
THE CITY OF SAN ANTONIO IS IMPLEMENTING A SYSTEM THAT WILL CAPTURE THE DISCHARGE FROM THE PONDS INSTEAD OF ALLOWING IT TO
FLOW ONTO THE PROPERTIES EAST OF ROGERS ROAD. THE CITY OF SAN ANTONIO WILL INSTALL AND UNDERGROUND DRAINAGE FACILITY IN
ADDITION TO REMOVING ALL OF THE SAW TOOTH AND SLOTTED CURB LOCATED ALONG THE EAST SIDE OF ROGERS ROAD.

6. A DESCRIPTION OF PERMANENT STORM WATER MANAGEMENT CONTROLS:
THE CITY IS IMPLEMENTING A STANDARD 7" CURB ALONG ROGERS ROAD TO CHANNELIZE THE RUNOFF TO THE PROPOSED CURB INLETS AND
ULTIMATELY TAKE IT UNDERGROUND TO THE PROPOSED DRAINAGE FACILITY. ALSO, 2 - 7'X5' MULTIPLE BOX CULVERTS WILL CARRY THE
COLLECTION OF ALL SYSTEMS THROUGH MOUNT BAKER TO THE OUTFALL.

7. THE FOLLOWING ITEMS SHOULD BE UPDATED AS NECESSARY AND BE INCLUDED AS PART
OF THE WEEKLY INSPECTION REPORTS

SCHEDULE OF CONSTRUCTION ACTIVITIES IS MAINTAINED BY _____ AND CAN BE
ACCESSED BY CONTACTING _____ (NAME) AT _____ (PHONE)

INSTALLATION OF STORMWATER CONTROL MEASURES (INSTALL DATE, OPERATIONAL
DATE, DEVIATION FROM MANUFACTURE SPEC):

COMMENCEMENT AND DURATION OF EARTH WORK, FINAL GRADING, CREATION OF SOIL
AND VEGETATION STOCKPILES REQUIRING STABILIZATION:

CESSATION OF CONSTRUCTION ACTIVITIES WITHIN A PORTION OF THE SITE (TEMPORARY
AND PERMANENT):

FINAL AND TEMPORARY STABILIZATION AREAS OF EXPOSED SOILS:

REMOVAL OF TEMPORARY STORMWATER CHANNELS, CONTROL MEASURES,
CONSTRUCTION EQUIPMENT AND VEHICLES, AND CESSATION OF ANY
POLLUTANT-GENERATING ACTIVITIES:



Blaine Lopez
1/30/15

NOTE:
SW3P NARRATIVE TO ACCOMPANY SITE MAP AND PROJECT DESIGN SHEETS THAT INCLUDE
IDENTIFYING EARTH DISTURBING ACTIVITIES, EXISTING AND PROPOSED SLOPES OF
GRADING ACTIVITIES, CONSTRUCTION AND SOIL STOCKPILE LOCATIONS, SURFACE WATER
CROSSINGS, DESIGNATED EXIST POINTS, STRUCTURES AND IMPERVIOUS SURFACES TO
BE CONSTRUCTED, CONSTRUCTION SUPPORT ACTIVITY AREAS, LOCATION OF ALL
SURFACE WATERS IN VICINITY, BOUNDARIES OF NATURAL BUFFERS, AREAS OF
FEDERALLY LISTED CRITICAL HABITAT, TOPOGRAPHY, VEGETATIVE COVER AND DRAINAGE
PATTERNS OF FLOWS ONTO, OVER AND FROM THE PROJECT SITE, STORMWATER AND
ALLOWABLE NON STORMWATER DISCHARGE LOCATIONS, ALL STORM INLETS ON AND IN
VICINITY OF THE SITE, LOCATION OF ALL POTENTIAL POLLUTANT GENERATING ACTIVITIES,
LOCATION OF STORMWATER CONTROL MEASURES, AND LOCATIONS WHERE
POLYMERS, FLOCCULANTS, AND OTHER CHEMICALS WILL BE USED AND STORED.

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PH III DRAINAGE IMPROVEMENTS
STORM WATER POLLUTION
PREVENTION PLAN (SWP3) NARRATIVE
SHEET 1 OF 2

BID SUBMITTAL	PROJECT NO.: 308-01-01	DATE: DECEMBER 2014
DRWN. BY: K.G.	DSGN. BY: J.T.	CHKD. BY: R.G.
SHEET NO.: 42A		

BEST MANAGEMENT PRACTICES

1. NATURAL BUFFER SECTION:

- _____ 50-FOOT (OR MORE) BUFFER ZONE
- _____ LESS THAN 50-FOOT BUFFER ZONE
- LINEAR CONSTRUCTION PROJECT; DOES NOT REQUIRE 50-FOOT BUFFER ZONE

2. GENERAL REQUIREMENTS:

1. INSTALL PERIMETER CONTROLS TO RETAIN SEDIMENT ON-SITE TO THE EXTENT PRACTICABLE WITH CONSIDERATION FOR LOCAL TOPOGRAPHY, SOIL TYPE, AND RAINFALL.
2. MINIMIZE SEDIMENT TRACK OUT ONTO OFF-SITE STREETS, OR OTHER PAVED AREAS AND SIDEWALKS. RESTRICT VEHICLE USE TO PROPERTY THROUGH DESIGNATED ACCESS POINTS. USE APPROPRIATE STABILIZATION MEASURES. REMOVE SEDIMENT FROM TIRES, WHEN PRACTICABLE.
3. CONTROL DISCHARGES FROM STOCKPILED SEDIMENT BY:
 - 1) LOCATING PILES OUTSIDE OF NATURAL BUFFERS AND PHYSICALLY SEPARATING PILES FROM OTHER STORMWATER CONTROLS
 - 2) USE A TEMPORARY PERIMETER SEDIMENT BARRIER
 - 3) PROVIDE COVER OR TEMPORARY STABILIZATION, WHERE PRACTICABLE
 - 4) USE DRY CLEAN UP METHODS TO REMOVE ACCUMULATED SEDIMENT FROM PAVED AREAS
 - 5) PROTECT FROM WIND WHERE FEASIBLE
 4. MINIMIZE DUST THROUGH THE APPROPRIATE APPLICATION OF WATER.
 5. MINIMIZE SLOPE STEEPNESS OF EXPOSED SOILS THROUGH PHASED DISTURBANCE AND IMPLEMENTATION OF BMP'S.
 6. MINIMIZE SOIL COMPACTION IN AREAS WHERE RE-VEGETATION IS PLANNED BY RESTRICTING VEHICLE USE AND CONDITION SOIL PRIOR TO RE-VEGETATION.
 7. PROTECT STORM DRAIN INLETS PRIOR TO LAND DISTURBANCE.

3. SEDIMENTATION BASINS:

SEDIMENTATION BASINS (CHECK ALL THAT APPLY)

- _____ DRAINAGE AREA > 10 ACRES (SEDIMENTATION BASIN DESIGN ON SHEET _____)
- _____ DRAINAGE AREA > 10 ACRES (SEDIMENTATION BASIN INFEASIBLE-ALTERNATE EQUIVALENT CONTROL DESIGN ON SHEET _____)
- _____ DRAINAGE AREA < 10 ACRES (SEDIMENT TRAPS AND BASINS)
- DRAINAGE AREA < 10 ACRES (PERIMETER CONTROLS)

4. DEWATERING PRACTICES:

1. DO NOT DISCHARGE VISIBLE FLOATING SOLIDS OR FOAM; USE AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE THAT IS DESIGNED TO REMOVE OIL, GREASE, OR OTHER PRODUCTS IF DEWATERING WATER IS FOUND TO CONTAIN THESE MATERIALS.
2. UTILIZE VEGETATED UPLAND AREAS OF THE SITE TO INFILTRATE DEWATERING WATER BEFORE DISCHARGE, WHERE FEASIBLE.
3. DISCHARGE DEWATERING WATER ONTO A VELOCITY DISSIPATION DEVICE.
4. MANAGE BLACKWASH WATER AS A WASTE OR RETURN IT TO THE BEGINNING OF THE TREATMENT PROCESS.
5. REPLACE AND CLEAN FILTER MEDIA USED IN DEWATERING DEVICE ACCORDING TO MANUFACTURE'S SPECIFICATIONS.
6. DO NOT USE TREATMENT CHEMICALS WITHOUT PRIOR WRITTEN CONSENT FROM COSA. A WRITTEN MANAGEMENT PLAN IS REQUIRED FOR USE OF TREATMENT CHEMICALS.

5. NON STORM WATER DISCHARGES:

THE FOLLOWING NON-STORMWATER DISCHARGES ARE AUTHORIZED FOR DISCHARGE BY THE GENERAL PERMIT. PROJECT SITE MAPS MUST REFLECT THE LOCATIONS OF ANY NON-STORMWATER DISCHARGES. NON-STORMWATER DISCHARGES MUST BE MANAGED BY STORMWATER BMP'S TO PROTECT RECEIVING WATER QUALITY.

1. DISCHARGES FROM FIRE FIGHTING ACTIVITIES AND/OR FIRE HYDRANT FLUSHING.
2. VEHICLE, EXTERNAL BUILDING, AND PAVEMENT WASH WATER WHERE DETERGENTS AND SOAPS ARE NOT USED AND WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILLED MATERIAL HAS BEEN REMOVED).
3. PLAIN WATER USED TO CONTROL DUST.
4. PLAIN WATER ORIGINATING FROM POTABLE WATER SOURCES.
5. UNCONTAMINATED GROUNDWATER, SPRING WATER, OR ACCUMULATED STORMWATER.
6. FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.
7. UNCONTAMINATED AIR CONDITIONING CONDENSATE.
8. LAWN WATERING AND SIMILAR DRAINAGE.
9. OTHER _____

6. PROHIBITED STORM WATER DISCHARGES:

1. WASTEWATER FROM WASH OUT OF CONCRETE TRUCKS.
2. WASTEWATER FROM WASH OUT AND CLEAN OUT OF STUCCO, PAINT, FORM RELEASE OILS, CUTTING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS.
3. FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE.
4. SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.

NOTE - DO NOT USE TREATMENT CHEMICALS WITHOUT PRIOR WRITTEN CONSENT FROM COSA. A WRITTEN MANAGEMENT PLAN IS REQUIRED FOR USE OF TREATMENT CHEMICALS.

7. CONCRETE TRUCK WASH WATER DISCHARGES ON THE SITE SHOULD BE PROHIBITED OR MINIMIZED. IF ALLOWED BY THE ENGINEER, THEY MUST BE MANAGED IN A MANNER SO AS NOT TO CONTAMINATE SURFACE WATER. THEY MUST NOT BE LOCATED IN AREAS OF CONCENTRATED FLOW. CONCRETE TRUCK WASH-OUT LOCATIONS MUST BE SHOWN ON THE SW3P LAYOUT AND INCLUDED IN THE INSPECTIONS. HAZARDOUS MATERIAL SPILL/LEAK SHALL BE PREVENTED OR MINIMIZED. AT A MINIMUM, THIS INCLUDES ASPHALT PRODUCTS, FUELS, OILS, LUBRICANTS, SOLVENTS, PAINTS, ACIDS, CONCRETE CURING COMPOUNDS, AND CHEMICAL ADDITIVES FOR SOIL STABILIZATION. BMP'S SHALL BE IMPLEMENTED TO THE STORAGE OF THESE PRODUCTS. ALL SPILLS MUST BE CLEANED AND DISPOSED PROPERLY AND REPORTED TO THE ENGINEER. REPORT ANY RELEASE AT OR ABOVE THE REPORTABLE QUANTITY DURING A 24 HOUR PERIOD TO THE NATIONAL RESPONSE CENTER AT 1-800-424-8802.

8. MATERIAL MANAGEMENT PRACTICES:

CONTRACTOR MUST MAINTAIN AN INVENTORY OF CONSTRUCTION AND WASTE MATERIALS EXPECTED TO BE STORED ON-SITE AND A DESCRIPTION OF CONTROLS IMPLEMENTED TO MINIMIZE POLLUTANTS FROM THESE SOURCES.

9. COMPLIANCE WITH APPROVED STATE AND LOCAL PLANS:

THIS SW3P SHALL CONFORM TO APPLICABLE LOCAL RULES AND REGULATIONS FOR WATER QUALITY, INCLUDING BUT NOT LIMITED TO THOSE ESTABLISHED BY COSA, SAWS, BEXAR COUNTY, EAA, OR OTHERS, AS APPLICABLE.

OTHER REQUIREMENTS AND PRACTICES

OTHER REQUIREMENTS AND PRACTICES

1. MAINTENANCE:

ALL EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT SHALL BE PERFORMED BY CLOSE OF THE NEXT DAY FOLLOWING DISCOVERY. RECOMMENDATIONS FOR NEW BMP'S OR SIGNIFICANT REPAIRS TO EXISTING BMP'S MADE BY INSPECTORS OF THIS SWPPP OR BY THE EPA WILL BE INSTALLED WITHIN SEVEN (7) CALENDAR DAYS FROM THE DATE OF INSPECTION OR PRIOR TO THE NEXT RAIN EVENT, WHICHEVER IS SOONER. CORRECTIVE ACTIONS, SUCH AS TEMPORARY BMP'S, SHALL BE IMMEDIATELY TAKEN IN THE EVENT THAT A DISCHARGE OF POLLUTANTS IS DISCOVERED TO MINIMIZE OR PREVENT FURTHER DISCHARGE UNTIL A PERMANENT SOLUTION IS INSTALLED. WHEN CORRECTIVE ACTIONS RESULT IN CHANGES TO STORMWATER CONTROLS OR PROCEDURES, AMEND THE SWPPP WITHIN SEVEN (7) CALENDAR DAYS OF COMPLETING THE CORRECTIVE ACTION WORK. EACH CORRECTIVE ACTION REPORT MUST BE SIGNED AND CERTIFIED BY THE AUTHORIZED SIGNATORY AUTHORITY. KEEP A CURRENT COPY OF ALL CORRECTIVE ACTION REPORTS AT THE SITE OR AT AN EASILY ACCESSIBLE LOCATION. MAINTAIN ALL CORRECTIVE ACTION REPORTS FOR AT LEAST THREE (3) YEARS FROM THE DATE THAT YOUR PERMIT COVERAGE EXPIRES OR IS TERMINATED. DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITIES HAVE CEASED, TEMPORARILY OR PERMANENTLY, SHALL BE STABILIZED WITHIN 14 CALENDAR DAYS UNLESS THEY ARE SCHEDULED TO AND DO RESUME WITHIN 21 CALENDAR DAYS. THE AREAS ADJACENT TO CREEKS AND DRAINAGE WAYS SHALL HAVE PRIORITY FOLLOWED BY PROTECTING STORM WATER INLETS.

2. INSPECTIONS:

FOR AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS, STRUCTURAL CONTROL MEASURES, AND LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE. PERSONNEL PROVIDED BY THE PERMITTEE AND FAMILIAR WITH THE SW3P MUST INSPECT DISTURBED AREAS AT LEAST ONCE EVERY 14 CALENDAR DAY AND WITHIN 24 HOURS OF A STORM OF 0.5 INCHES OR GREATER. THE SW3P MAY BE DEVELOPED TO REQUIRE THAT THESE INSPECTIONS WILL OCCUR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS. IF THIS ALTERNATIVE SCHEDULE IS DEVELOPED, THE INSPECTION MUST OCCUR ON A SPECIALLY DEFINED DAY, REGARDLESS OF WHETHER OR NOT THERE HAS BEEN RAINFALL SINCE THE PREVIOUS INSPECTION. AN INSPECTION AND MAINTENANCE REPORT SHALL BE PREPARED FOR EACH INSPECTION AND THE CONTROLS SHALL BE REVISED ON THE SW3P WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION. IF DISCHARGES OCCUR TO SEDIMENT OR NUTRIENT-IMPAIRED WATERS, OR TO OTHER SITES WITH IMPAIRMENT STATUS, INSPECTIONS MUST TAKE PLACE ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT OF 0.25 INCHES OR GREATER. INSPECTION REPORTS MUST BE COMPLETED WITHIN 24 HOURS OF COMPLETING ANY SITE INSPECTION. EACH INSPECTION MUST BE SIGNED BY AUTHORIZED SIGNATORY AUTHORITY.

3. WASTE MATERIALS:

ALL NON-HAZARDOUS MUNICIPAL WASTE MATERIALS SUCH AS LITTER, RUBBISH, AND GARBAGE LOCATED ON OR ORIGINATING FROM THE PROJECT SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER PROVIDED BY THE CONTRACTOR. THE DUMPSTER SHALL BE EMPTIED AS NECESSARY OR AS REQUIRED BY LOCAL REGULATION AND THE TRASH SHALL BE HAULED TO A PERMITTED DISPOSAL FACILITY. THE BURYING OF NON-HAZARDOUS MUNICIPAL WASTE ON THE PROJECT SHALL NOT BE PERMITTED. CONSTRUCTION MATERIAL WASTE SITES, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED TO MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS. CONSTRUCTION MATERIALS WASTE SITES SHALL NOT BE LOCATED IN ANY WETLAND, WATER BODY, OR STREAM BED. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.

4. OFFSITE VEHICLE TRACKING:

OFFSITE VEHICLE TRACKING OF SEDIMENT AND THE GENERATION OF DUST MUST BE MINIMIZED. EXCESS SEDIMENTS ON ROAD SHALL BE REMOVED ON A REGULAR BASIS AS DIRECTED/APPROVED BY THE ENGINEER.

5. STAFF TRAINING REQUIREMENTS:

OPERATOR STAFF MUST RECEIVE TRAINING PRIOR TO COMMENCEMENT OF EARTH DISTURBING OR POLLUTANT GENERATING ACTIVITIES, WHICHEVER COMES FIRST. OPERATORS ARE NOT REQUIRED TO PROVIDE OR DOCUMENT FORMAL TRAINING FOR SUBCONTRACTORS OR OTHER OUTSIDE SERVICE PROVIDERS, BUT THEY MUST ENSURE THAT SUCH PERSONNEL UNDERSTAND THE PERMIT REQUIREMENTS THAT MAY BE AFFECTED BY THEIR WORK.

6. SUPPORTING CONCRETE BATCH PLANTS:

THE CONTRACTOR SHOULD DEVELOP A SEPARATE SW3P FOR OPERATIONS ASSOCIATED WITH A SUPPORTING CONCRETE BATCH PLANT IN CONFORMANCE WITH THE TCEQ TPDES CONSTRUCTION GENERAL PERMIT, PART IV RELATING TO STORM WATER RUNOFF FROM CONCRETE BATCH PLANTS. THIS SW3P DOES NOT PROVIDE ADEQUATE CONTROLS FOR THIS ACTIVITY.

7. SANITARY WASTE:

PORT-A-POT (PLACED OUTSIDE OF FLOODPLAIN)

8. OFFSITE EXCAVATION SOURCE LOCATION:

CONTRACTOR TO REMOVE AND PLACE SPOILS DAILY.

9. OFFSITE FILL SOURCE LOCATION:

CONTRACTOR TO REMOVE AND PLACE SPOILS DAILY.

10. OTHER:

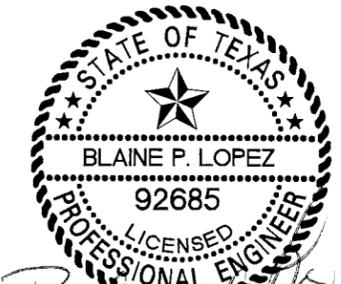
CERTIFICATION THAT SITE DISTURBANCE AND/OR DISCHARGES WILL NOT EFFECT LISTED ENDANGERED SPECIES AND THEIR HABITAT. WHAT METHOD IS USED TO SATISFY THE ENDANGERED SPECIES REQUIREMENTS? SEE THE EPIC SHEET FOR ADDITIONAL INFORMATION.

SPILL PREVENTION AND RESPONSE PROCEDURES (CONTRACTOR TO COMPLETE)

1. IDENTIFY PROCEDURES FOR STOPPING, CONTAINING, AND CLEANING UP SPILLS, LEAKS AND OTHER RELEASE. _____

2. IDENTIFY THE NAME OR POSITION OF THE PERSON RESPONSIBLE FOR DETECTION AND RESPONSE OF SPILLS AND LEAKS. _____

3. IDENTIFY PROCEDURES FOR NOTIFICATION OF APPROPRIATE FACILITY PERSONNEL, REGULATORY AGENCIES, ETC. _____



Blaine Lopez
1/30/15

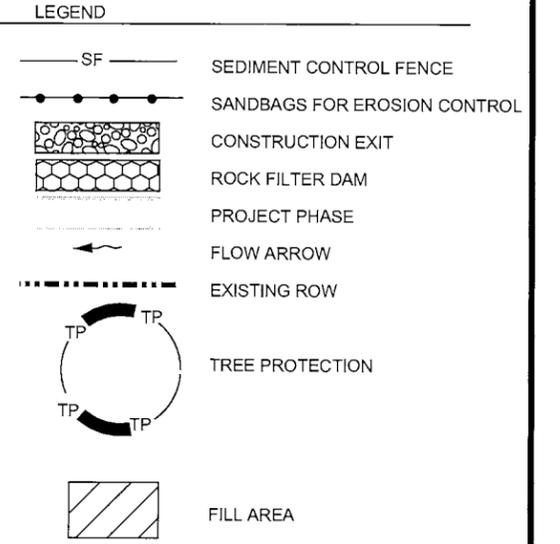
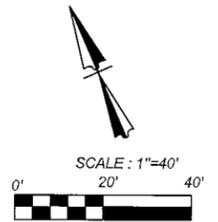
REMARKS:

DISPOSAL AREAS, STOCKPILES AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT ENTERS RECEIVING WATERS. DISPOSAL AREAS SHALL NOT BE LOCATED IN ANY WETLAND, BODY OF WATER, STREAMBED, OR FLOODPLAIN. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS. ALL WATERWAYS SHALL BE CLEARED AS SOON AS POSSIBLE OF TEMPORARY EMBANKMENT, TEMPORARY BRIDGES, MATTING, FALSEWORK, PILING DEBRIS, OR OTHER OBSTRUCTION PLACED DURING CONSTRUCTION OPERATIONS THAT ARE NOT PART OF THE FINISHED WORK.

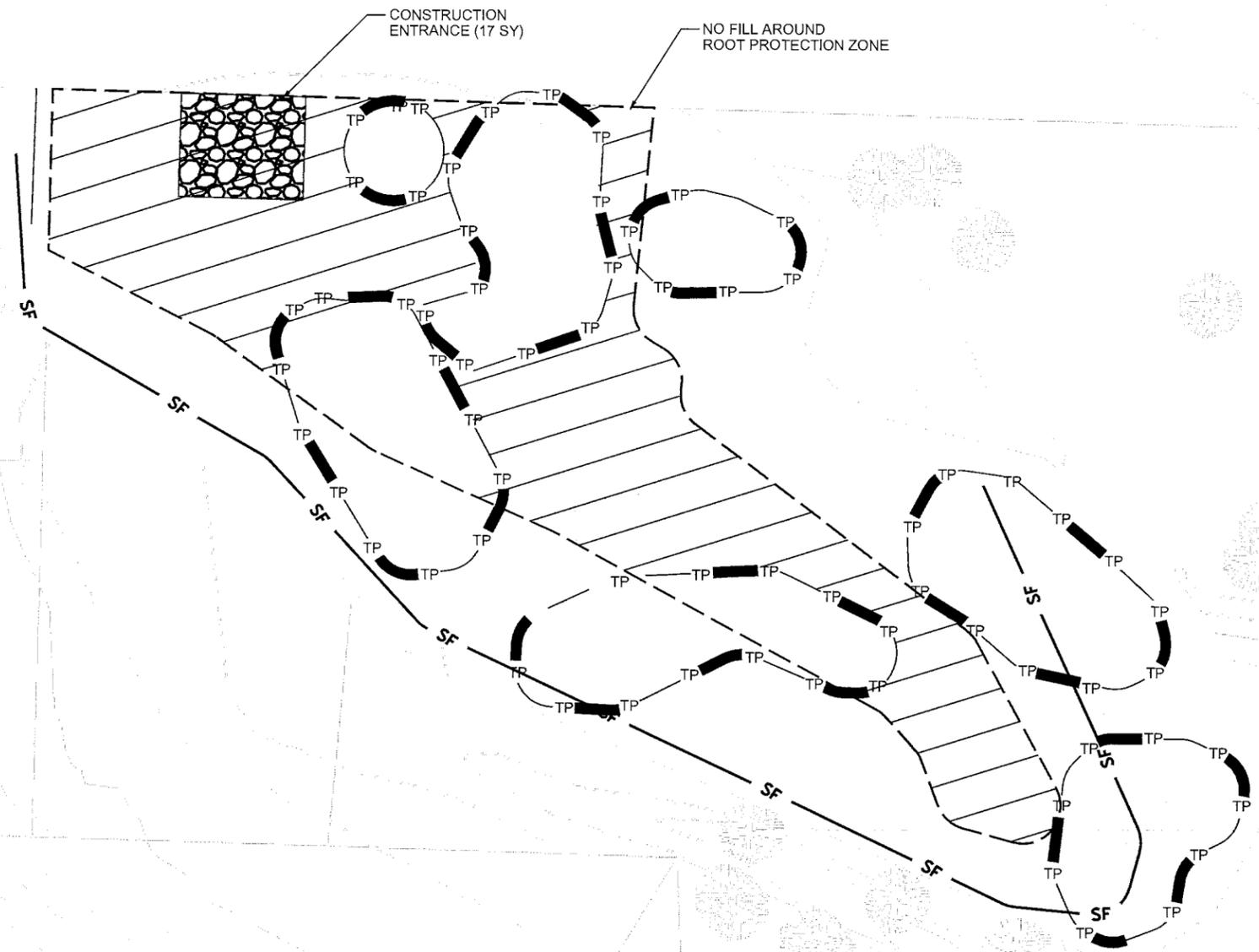
CITY OF SAN ANTONIO		
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT		
MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS		
STORM WATER POLLUTION		
PREVENTION PLAN (SWP3) NARRATIVE		
SHEET 2 OF 2		
RID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: DECEMBER 2014
DRWN. BY: K.G.	DSGN. BY: J.T.	CHKD. BY: R.G.
		SHEET NO.: 42B

GENERAL NOTES

1. THE CONTROL MEASURES CONTAINED HEREON (AND IS FURTHER DESCRIBED BY THE STANDARD SPECIFICATIONS) SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD TO ASSURE EFFECTIVE AND CONTINUOUS WATER POLLUTION CONTROL, DURING CONSTRUCTION AND POST CONSTRUCTION PERIODS (SEE STANDARD SPEC ITEM 540)
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4. UPON COMPLETION OF CONSTRUCTION AND THE INSTALLATION OF PERMANENT EROSION CONTROL METHODS, A FINAL EROSION CONTROL INSPECTION WILL BE PERFORMED AS PART OF ACCEPTANCE OF THE PROJECT BY THE CITY. THE EVENT THAT THE PERMANENT EROSION CONTROL IS INADEQUATE DUE TO IMPROPER DESIGN OR INSTALLATION, THE PERMANENT EROSION CONTROL MEASURES MUST BE CORRECTED OR REDESIGNED TO FUNCTION PROPERLY PRIOR TO SUBMITTAL OF A NOTICE OF TERMINATION (SEE STANDARD SPEC 540)
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8. THE CERTIFICATION SHALL BE SIGNED BY THE CONTRACTOR AND CITY ENGINEER DURING PRE-CONSTRUCTION AND KEPT IN THE OFFICE PUBLIC WORKS.
9. THE CONTRACTOR SHALL PROVIDE THE DRAINAGE DIVISION COPIES OF REVISED DRAWINGS INDICATING THE LOCATIONS OF POTENTIAL POLLUTANT SOURCES (E.G., CONCRETE WASHOUT AREAS, CONSTRUCTION MATERIALS STAGING AREAS, SUPPORTING CONSTRUCTION ACTIVITIES, ETC.) TWO WEEKS PRIOR TO THE CONTRACTOR INITIATING THE CHANGE.



MT HELEN



***± 505 LF SILT FENCE**

Blaine Lopez
12/15



14603 HUEBNER RD. BLDG. 40 PHONE (210) 979-8444
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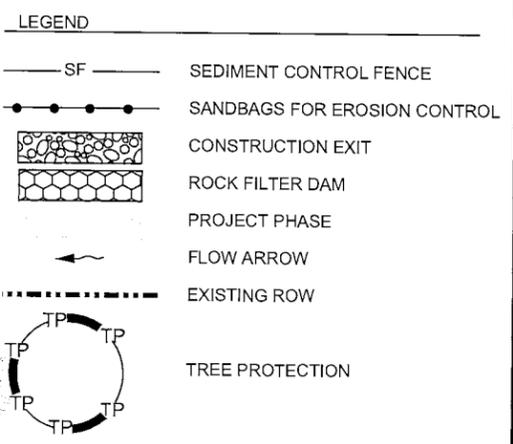
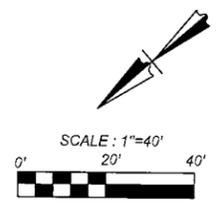
CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS

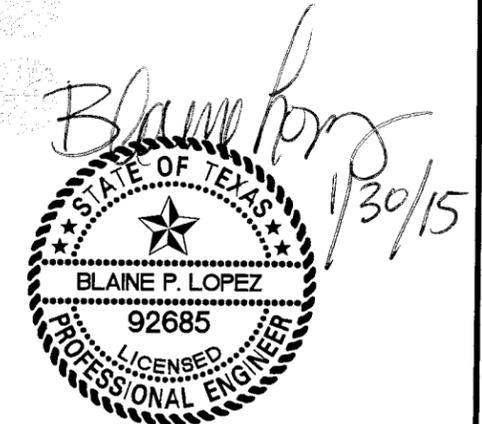
SWPPP PHASE I
(BASE BID)

BID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 43

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*± 815 LF SILT FENCE



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 SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
 CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

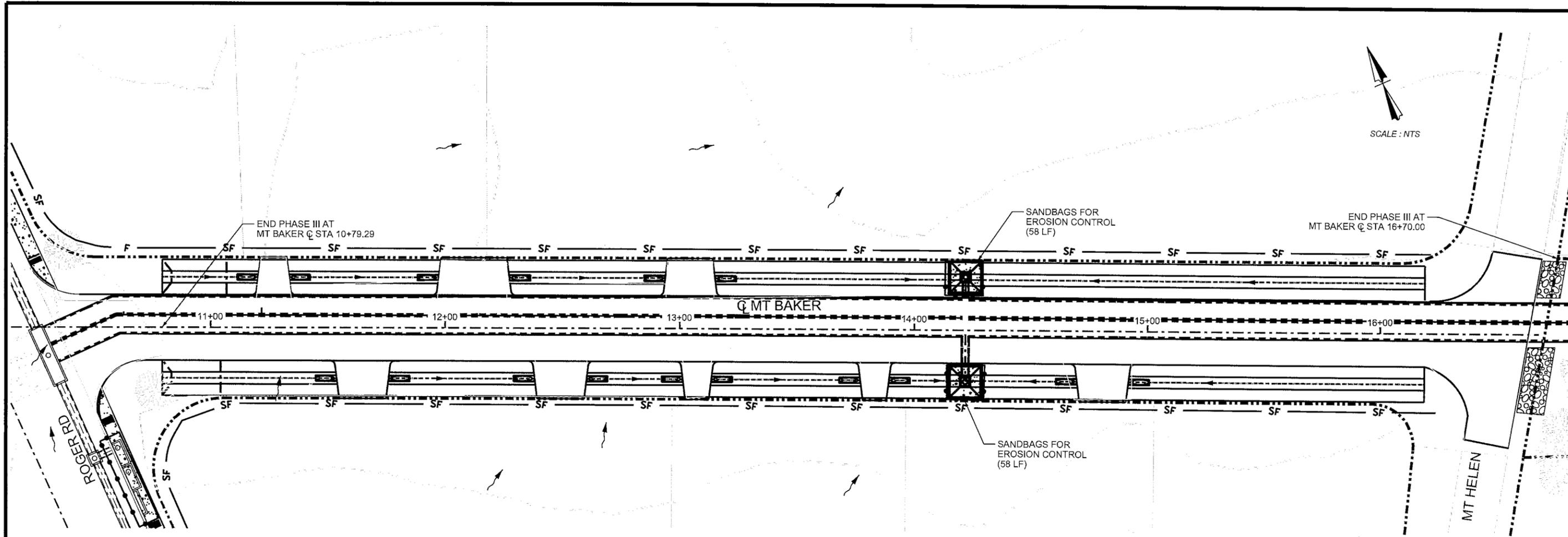
MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS
 SWPPP PHASES I & II
 (BASE BID)

BID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 44

GENERAL NOTES

1. THE CONTROL MEASURES CONTAINED HEREON (AND IS FURTHER DESCRIBED BY THE STANDARD SPECIFICATIONS) SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION CONTRACT TO ASSURE EFFECTIVE AND CONTINUOUS WATER POLLUTION CONTROL, DURING CONSTRUCTION AND POST CONSTRUCTION PERIODS (SEE STANDARD SPEC ITEM 540)
2. THE CONTRACTOR SHALL CLEAN PAVED SURFACES (ADJACENT TO THE CONSTRUCTION AREAS) AS NECESSARY TO REMOVE SEDIMENT WHICH HAS ACCUMULATED ON THE ROADWAY DUE TO STORM WATER FLOWS AND VEHICULAR TRAFFIC THROUGH AND ACROSS THE CONSTRUCTION SITE (SEE STANDARD SPEC ITEM 540)
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* ± 1,100 LF SILTFENCE

LEGEND

- SF — SEDIMENT CONTROL FENCE
- ● ● ● SANDBAGS FOR EROSION CONTROL
- ▒ CONSTRUCTION EXIT
- ▒ ROCK FILTER DAM
- PROJECT PHASE
- ← FLOW ARROW
- - - - - EXISTING ROW

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Blaine Lopez
1/30/15



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SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

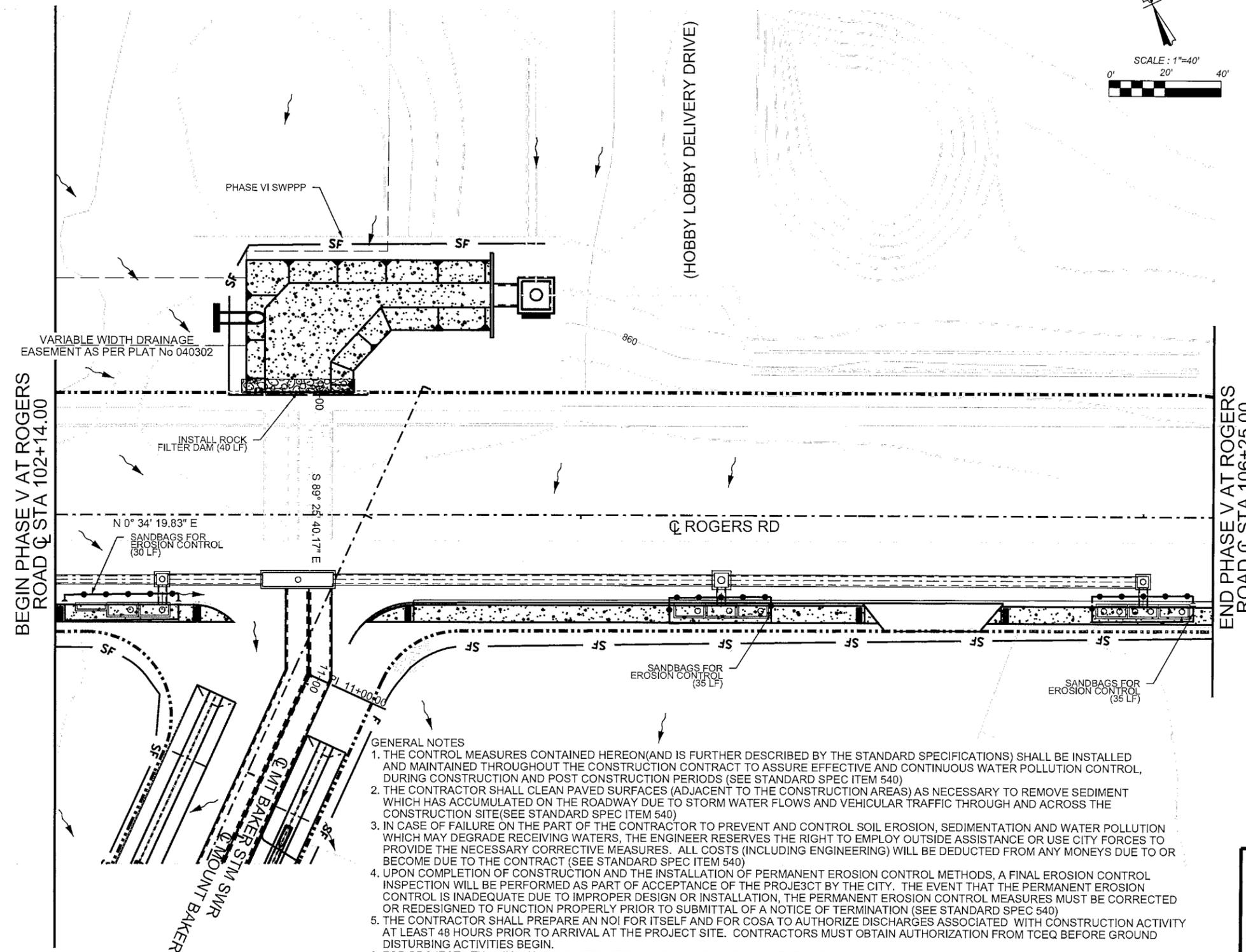
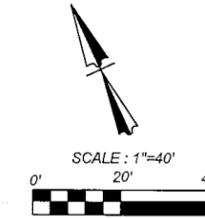
MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS
**SWPPP PHASE III
(BASE BID)**

BID SUBMITTAL	PROJECT NO.: 309-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 45

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LEGEND

- SF — SEDIMENT CONTROL FENCE
- SANDBAGS FOR EROSION CONTROL
- ▨ CONSTRUCTION EXIT
- ▨ ROCK FILTER DAM
- ▨ PROJECT PHASE
- FLOW ARROW
- EXISTING ROW
- 629 LF OF SILT FENCE



(HOBBY LOBBY DELIVERY DRIVE)

BEGIN PHASE V AT ROGERS ROAD @ STA 102+14.00

END PHASE V AT ROGERS ROAD @ STA 106+25.00

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Blaine Lopez
1/30/15



14603 HUEBNER RD. BLDG. 40 PHONE (210) 979-8444
SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

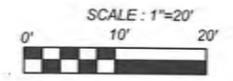
CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS

SWPPP PHASE V & VI
(BASE BID)

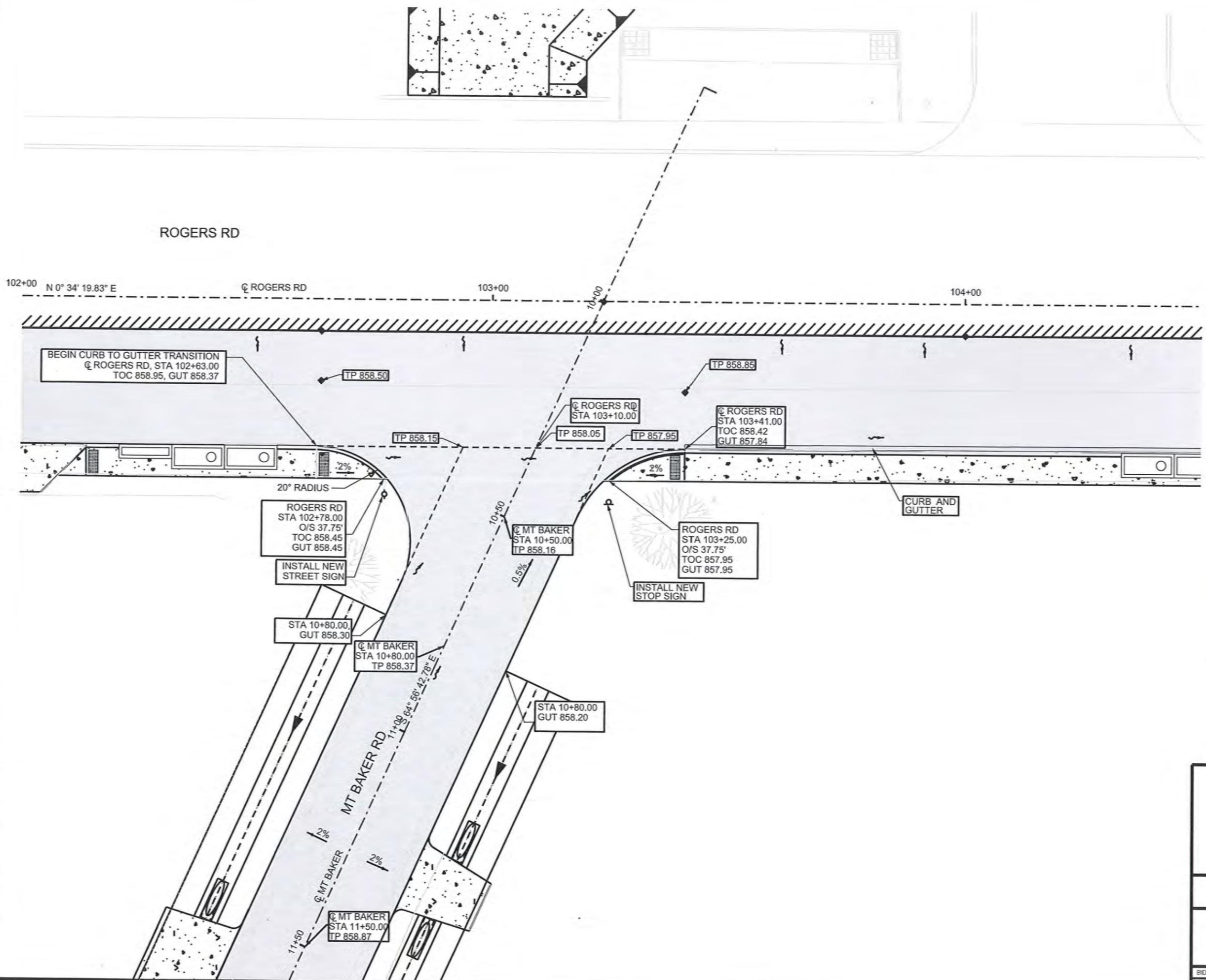
BID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: 12/09/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 46

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LEGEND

	GUTTER ELEVATION
	TOP OF PAVEMENT ELEVATION
	TOP OF CURB ELEVATION
	FLOW ARROW
	PROPOSED PAVEMENT RECONSTRUCTION
	MATCH TO EXISTING PAVEMENT



Cy JTB
2/13/2015



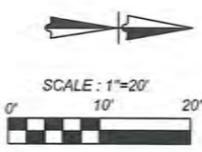
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SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS
**INTERSECTION LAYOUT
ROGERS RD/MT BAKER**

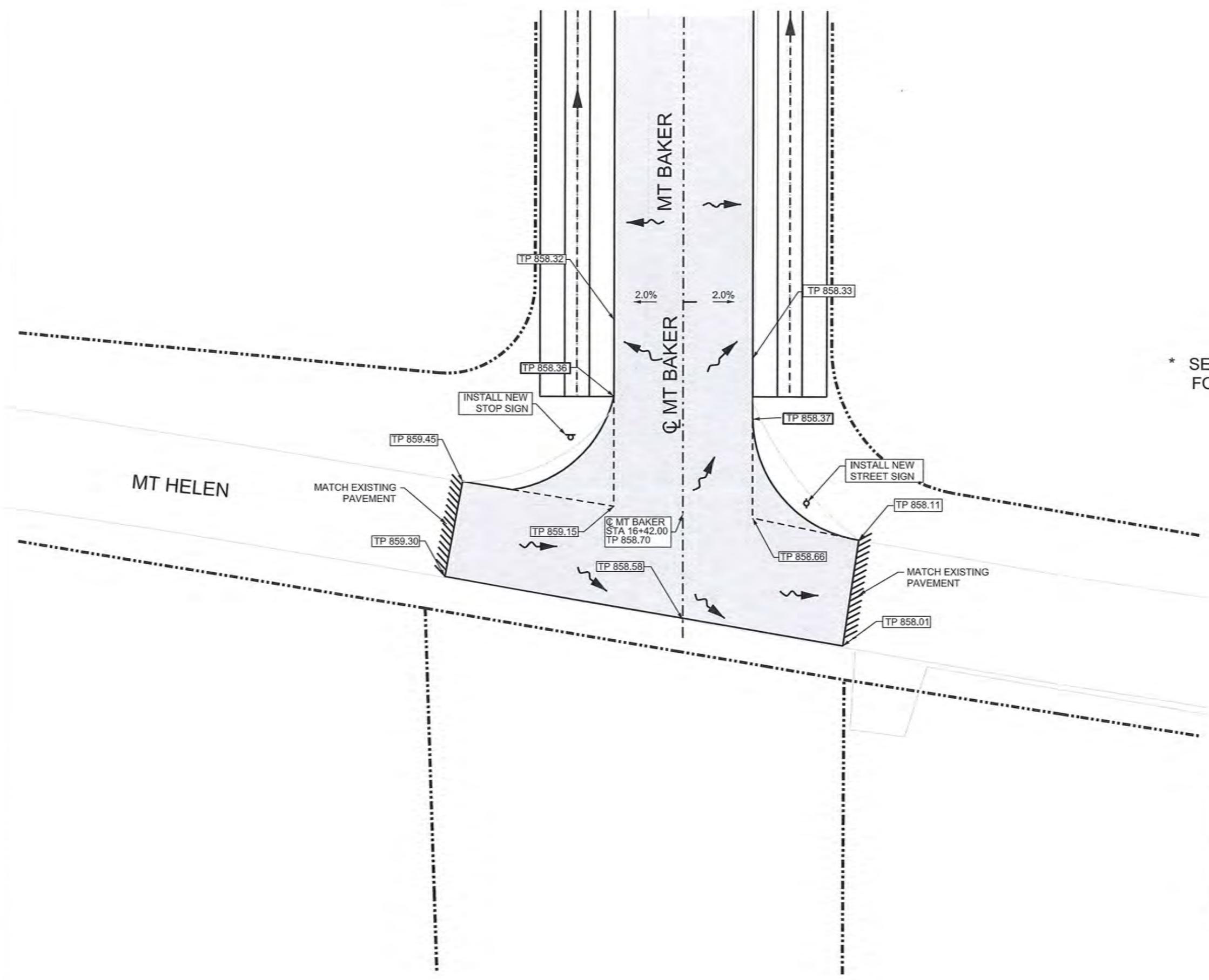
BID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 52

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- LEGEND**
- GUT XX GUTTER ELEVATION
 - TP XXX TOP OF PAVEMENT ELEVATION
 - TC XXX TOP OF CURB ELEVATION
 - FLOW ARROW
 - PROPOSED PAVEMENT RECONSTRUCTION
 - MATCH TO EXISTING GRADE

* SEE MISC. CONSTRUCTIONS STANDARDS II FOR PAVEMENT JUNCTION DETAILS



Craig P. Fletcher
2/3/2015



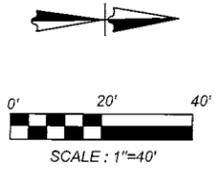
14603 HUEBNER RD. BLDG. 40 PHONE (210) 979-8444
SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS
**INTERSECTION LAYOUT
MT BAKER/MT HELEN**

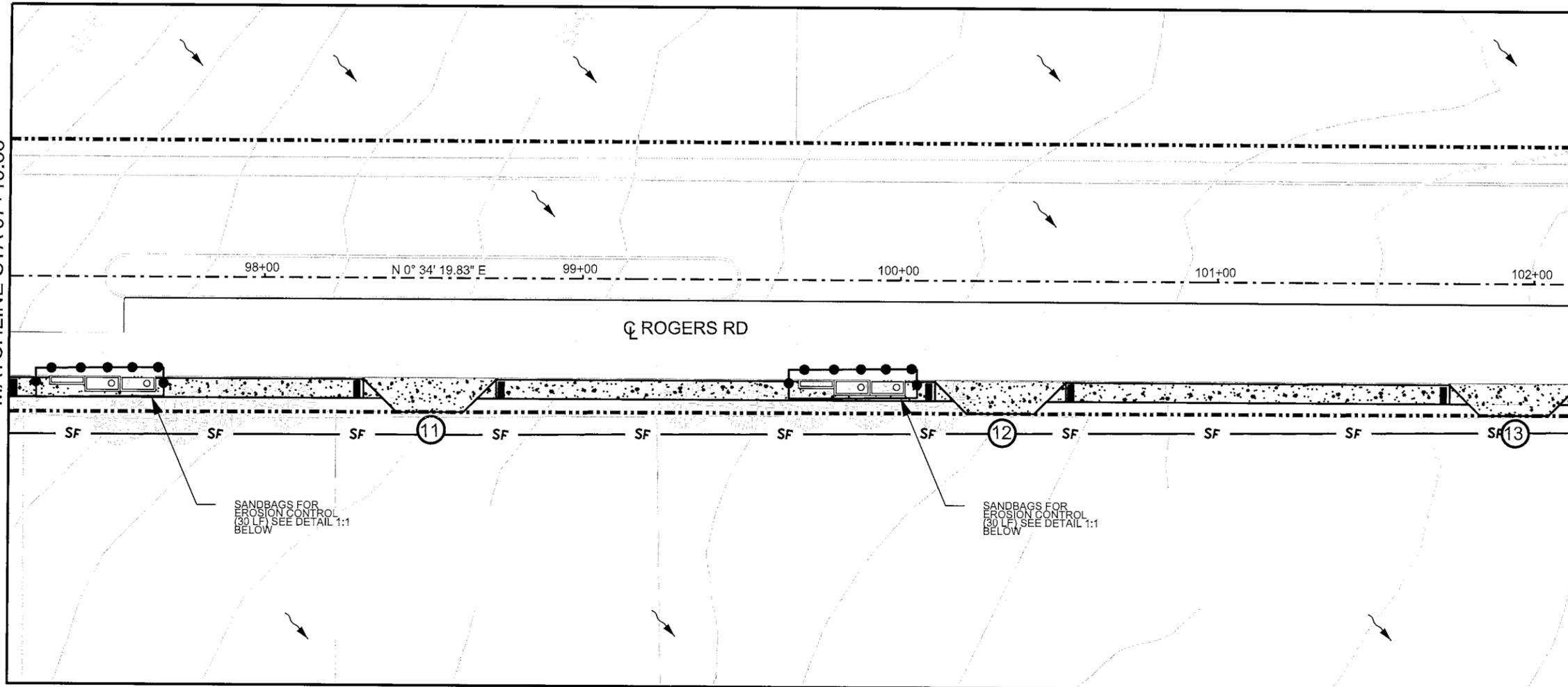
PROJECT NO.: 306-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT
CHKD. BY: RG	SHEET NO.: 53

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END ADD ALT II
BEGIN ADD ALT I CONSTRUCTION
MATCHLINE STA 97+19.58

END ADD ALT I
BEGIN BASE BID CONSTRUCTION
MATCHLINE STA 102+14.00



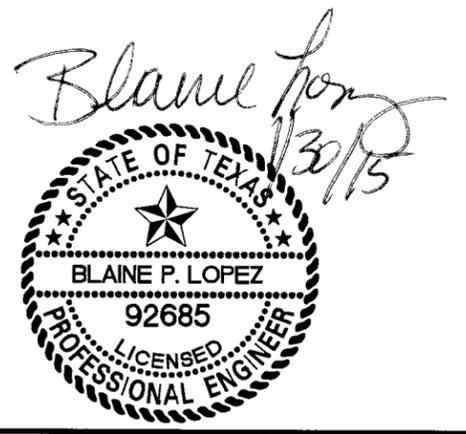
SANDBAGS FOR EROSION CONTROL (30 LF) SEE DETAIL 1:1 BELOW

SANDBAGS FOR EROSION CONTROL (30 LF) SEE DETAIL 1:1 BELOW

LEGEND

— SF —	SEDIMENT CONTROL FENCE
●●●●●	SANDBAGS FOR EROSION CONTROL
	CONSTRUCTION EXIT
	ROCK FILTER DAM
—	PROJECT PHASE
↘	FLOW ARROW
- - - - -	EXISTING ROW
(X)	DRIVEWAY NUMBER

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CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT
MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS

SWPPP (ADD ALT I)

BID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 134

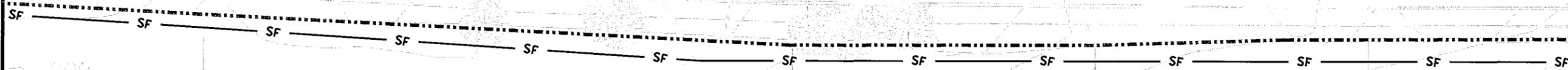
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BEGIN ADD ALT II
STA 87+50.00

MATCHLINE STA 93+00.00

ROGERS RD

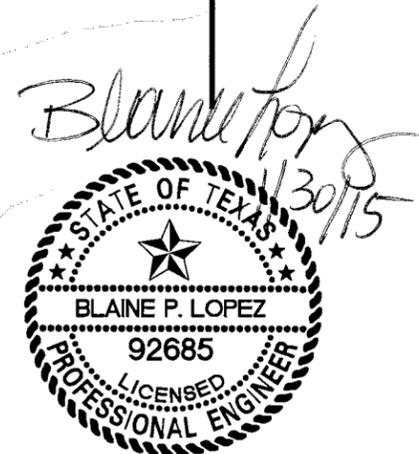


GENERAL NOTES

1. THE CONTROL MEASURES CONTAINED HEREON (AND IS FURTHER DESCRIBED BY THE STANDARD SPECIFICATIONS) SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE CONSTRUCTION CONTRACT TO ASSURE EFFECTIVE AND CONTINUOUS WATER POLLUTION CONTROL, DURING CONSTRUCTION AND POST CONSTRUCTION PERIODS (SEE STANDARD SPEC ITEM 540)
2. THE CONTRACTOR SHALL CLEAN PAVED SURFACES (ADJACENT TO THE CONSTRUCTION AREAS) AS NECESSARY TO REMOVE SEDIMENT WHICH HAS ACCUMULATED ON THE ROADWAY DUE TO STORM WATER FLOWS AND VEHICULAR TRAFFIC THROUGH AND ACROSS THE CONSTRUCTION SITE (SEE STANDARD SPEC ITEM 540)
3. IN CASE OF FAILURE ON THE PART OF THE CONTRACTOR TO PREVENT AND CONTROL SOIL EROSION, SEDIMENTATION AND WATER POLLUTION WHICH MAY DEGRADE RECEIVING WATERS, THE ENGINEER RESERVES THE RIGHT TO EMPLOY OUTSIDE ASSISTANCE OR USE CITY FORCES TO PROVIDE THE NECESSARY CORRECTIVE MEASURES. ALL COSTS (INCLUDING ENGINEERING) WILL BE DEDUCTED FROM ANY MONEYS DUE TO OR BECOME DUE TO THE CONTRACT (SEE STANDARD SPEC ITEM 540)
4. UPON COMPLETION OF CONSTRUCTION AND THE INSTALLATION OF PERMANENT EROSION CONTROL METHODS, A FINAL EROSION CONTROL INSPECTION WILL BE PERFORMED AS PART OF ACCEPTANCE OF THE PROJECT BY THE CITY. THE EVENT THAT THE PERMANENT EROSION CONTROL IS INADEQUATE DUE TO IMPROPER DESIGN OR INSTALLATION, THE PERMANENT EROSION CONTROL MEASURES MUST BE CORRECTED OR REDESIGNED TO FUNCTION PROPERLY PRIOR TO SUBMITTAL OF A NOTICE OF TERMINATION (SEE STANDARD SPEC 540)
5. THE CONTRACTOR SHALL PREPARE AN NOI FOR ITSELF AND FOR COSA TO AUTHORIZE DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY AT LEAST 48 HOURS PRIOR TO ARRIVAL AT THE PROJECT SITE. CONTRACTORS MUST OBTAIN AUTHORIZATION FROM TCEQ BEFORE GROUND DISTURBING ACTIVITIES BEGIN.
6. FOR PROJECTS THAT INCLUDE CONSTRUCTION ASSOCIATED WITH A NATURAL GAS PIPELINE, CONTRACTOR SHALL PROHIBIT ACTIVITY ASSOCIATED WITH THE PIPELINE UNTIL AUTHORIZATION HAS BEEN RECEIVED FROM EPA. BOTH THE CONTRACTOR AND COSA SHALL PREPARE SEPARATE NOI TO AUTHORIZE DISCHARGES ASSOCIATED WITH NATURAL GAS PIPELINE CONSTRUCTION ACTIVITY AT LEAST 14 DAYS PRIOR TO ARRIVAL AT THE PROJECT SITE. THE EPA PERMIT MAY BE TERMINATED ONCE THE GAS PIPELINE WORK IS COMPLETED AND ACCEPTED. EPA ELECTRONIC NOI REQUEST CAN BE COMPLETED AT THE FOLLOWING WEBSITE: <http://cdx.epa.gov/> CONTRACTORS MUST OBTAIN AUTHORIZATION FROM TCEQ BEFORE GROUND DISTURBING ACTIVITIES BEGIN.
7. THE CONTRACTOR SHALL SUBMIT A SIGNED NOTICE OF TERMINATION (NOT) TO THE DRAINAGE DIVISION WHEN THE PROJECT IS COMPLETE AND ACCEPTED BY THE CITY. THE CONSULTANT SHALL COMPLETE A SECOND NOT FOR THE CITY AND SUBMIT IT TO THE DRAINAGE DIVISION UPON COMPLETION OF THE PROJECT.
8. THE CERTIFICATION SHALL BE SIGNED BY THE CONTRACTOR AND CITY ENGINEER DURING PRE-CONSTRUCTION AND KEPT IN THE OFFICE PUBLIC WORKS.
9. THE CONTRACTOR SHALL PROVIDE THE DRAINAGE DIVISION COPIES OF REVISED DRAWINGS INDICATING THE LOCATIONS OF POTENTIAL POLLUTANT SOURCES (E.G., CONCRETE WASHOUT AREAS, CONSTRUCTION MATERIALS STAGING AREAS, SUPPORTING CONSTRUCTION ACTIVITIES, ETC.) TWO WEEKS PRIOR TO THE CONTRACTOR INITIATING THE CHANGE.

LEGEND

- SF SEDIMENT CONTROL FENCE
- SANDBAGS FOR EROSION CONTROL
- CONSTRUCTION EXIT
- ROCK FILTER DAM
- PROJECT PHASE
- FLOW ARROW
- EXISTING ROW



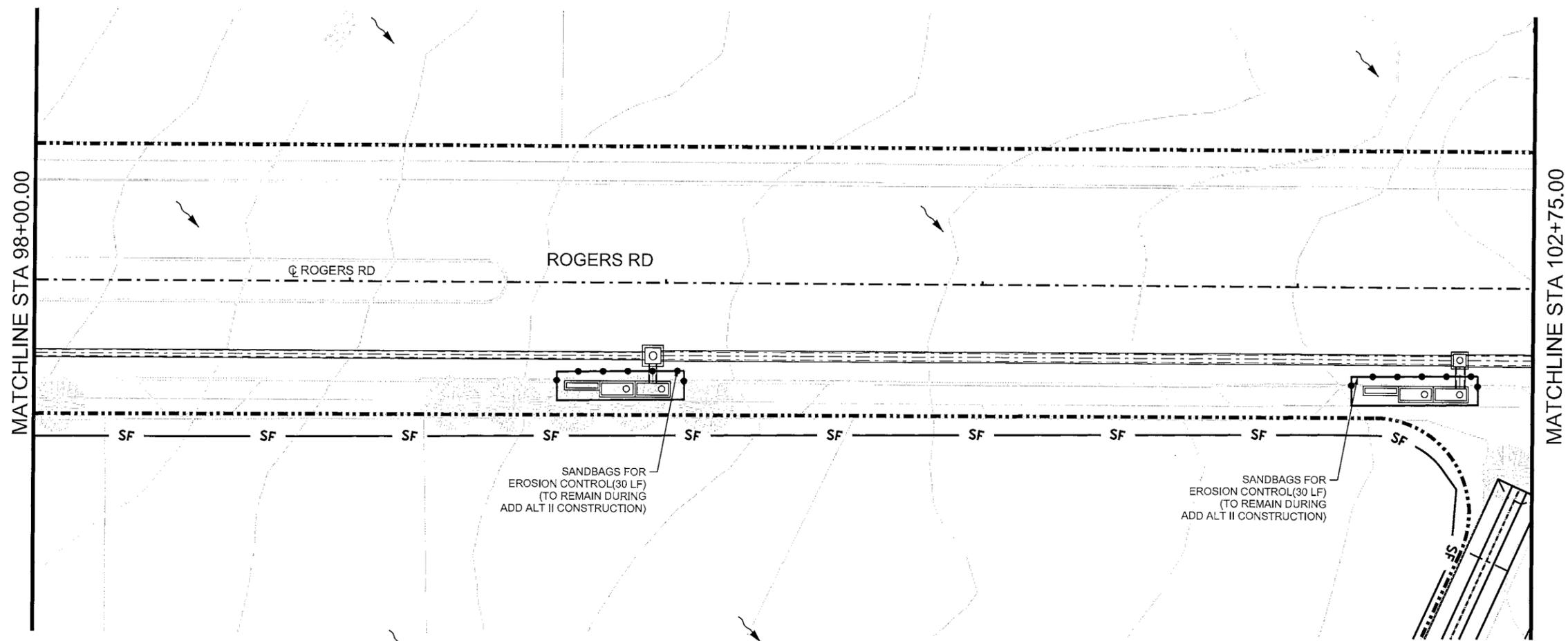
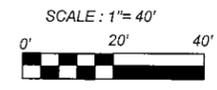
14603 HUEBNER RD. BLDG. 40 PHONE (210) 979-8444
SAN ANTONIO, TEXAS 78230 FAX (210) 979-8441

CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS
**SWPPP PLAN I
(ADD ALT II)**

BID SUBMITTAL	PROJECT NO.: 306-01-01	DATE: 12/08/2014
DRWN. BY: KG	DSGN. BY: JT	CHKD. BY: RG
		SHEET NO.: 149

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Blaine P. Lopez
STATE OF TEXAS
BLAINE P. LOPEZ
92685
LICENSED PROFESSIONAL ENGINEER
11/30/15

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- SF — SEDIMENT CONTROL FENCE
- ● SANDBAGS FOR EROSION CONTROL
- ▒ CONSTRUCTION EXIT
- ▒ ROCK FILTER DAM
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- ← FLOW ARROW
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CITY OF SAN ANTONIO
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT

MOUNTAIN VIEW ESTATES PHASE III DRAINAGE IMPROVEMENTS

SWPPP PLAN III
(ADD ALT II)

PROJECT NO.: 306-01-01	DATE: 12/09/2014
DRWN. BY: KG	DSGN. BY: JT
CHKD. BY: RG	SHEET NO.: 151

PA3306010101D:\design\Civil\Sheets\ADD_ALT_II\33060101_SWPPP03_ADD_ALT_II.dgn



Note: Addenda Acknowledgement Form for Addendum 3 is attached herein. This form must be signed and submitted with the bid package.

RECEIPT OF ADDENDUM NUMBER(S) 3 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF MOUNTAIN VIEW ESTATES PHASE III DRAINAGE – 40-00329

FOR WHICH BIDS WILL BE OPENED ON TUESDAY, FEBRUARY 10, 2015 AT 2:00 P.M.

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title