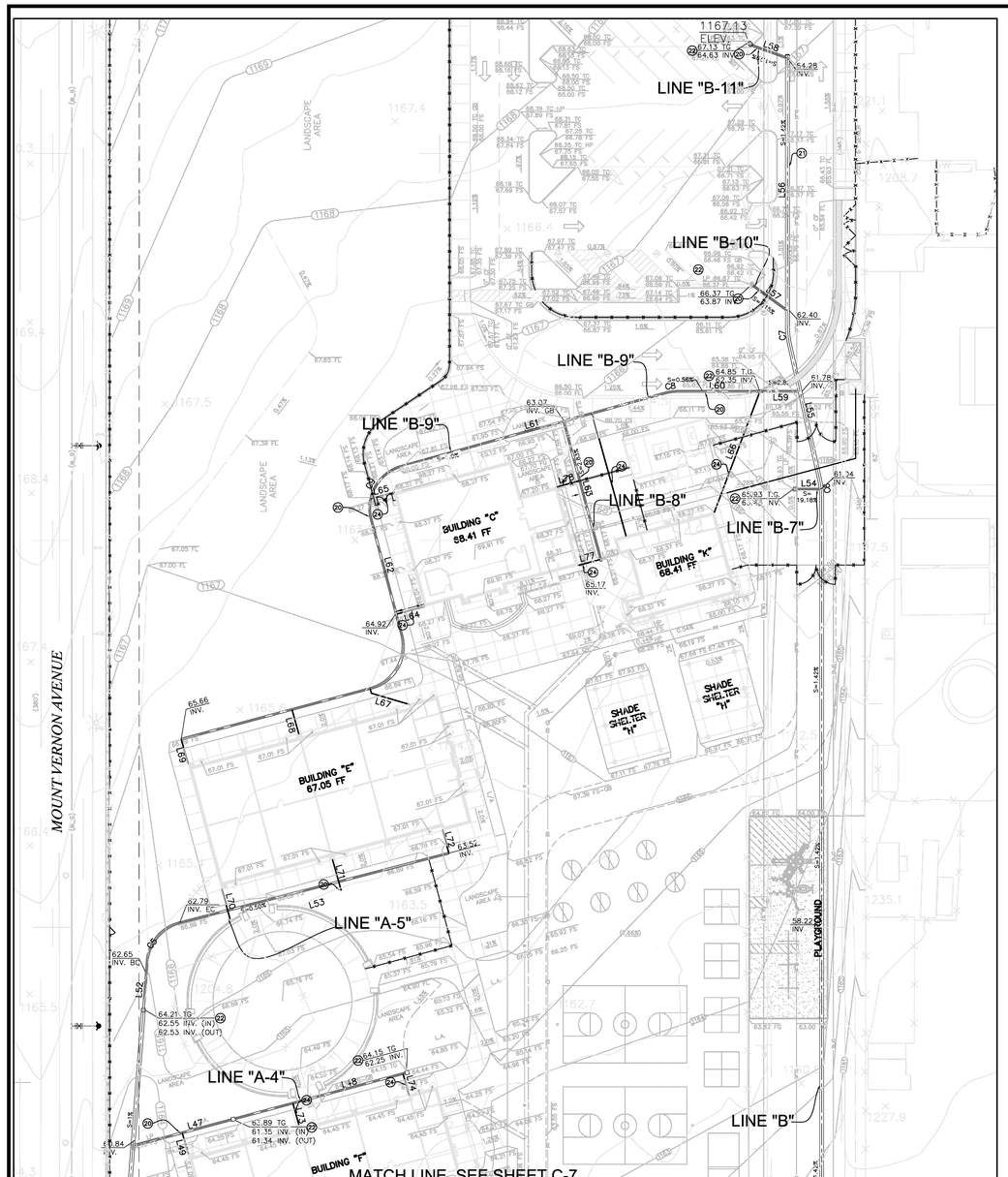

CURVE DATA				
NO.	DELTA	LENGTH	RADIUS	TANGENT
C5	71°05'02"	27.91'	22.50'	16.07'
C6	12°32'41"	9.85'	45.00'	4.95'
C7	12°32'41"	9.85'	45.00'	4.95'
C8	15°30'27"	6.09'	22.50'	3.06'
C9	89°17'57"	35.07'	22.50'	22.23'
C10	04°25'50"	3.48'	45.00'	1.74'

LINE DATA		
NO.	BEARING	LENGTH
L47	N 75°00'00" E	33.78'
L48	N 75°00'00" E	16.04'
L49	N 15°41'56" W	55.75'
L50	NOT USED	———
L51	NOT USED	———
L52	N 04°25'45" E	18.91'
L53	N 75°30'47" E	119.28'
L54	N 90°00'00" E	12.46'
L55	N 12°32'41" W	71.69'
L56	N 00°01'23" E	139.97'
L57	N 53°55'47" W	21.92'
L58	N 70°13'44" W	19.83'
L59	N 90°00'00" E	19.72'
L60	N 90°00'00" W	41.80'
L61	N 74°29'33" E	141.58'
L62	N 14°48'24" W	50.77'
L63	N 15°00'00" W	73.96'
L64	N 74°59'36" E	14.50'
L65	N 75°11'36" E	11.75'
L66	N 20°41'33" E	65.02'
L67	N 15°01'14" W	12.50'
L68	N 14°29'13" W	13.03'
L69	N 14°29'13" W	13.56'
L70	N 19°21'43" W	15.10'
L71	N 14°57'56" W	15.03'
L72	N 14°59'54" W	14.25'
L73	N 15°41'56" W	14.00'
L74	N 15°00'00" W	10.61'
L77	N 74°57'14" E	11.50'
L78	N 74°29'33" E	11.50'

CONSTRUCTION NOTES:

(20) INSTALL 12" HDPE STORM DRAIN
(21) INSTALL 24" HDPE STORM DRAIN
(22) INSTALL 2'X2' BROOKS PRODUCT CATCH BASIN OR EQUAL
(23) INSTALL 2'X2' BROOKS PRODUCT CATCH BASIN OR EQUAL WITH FOSSIL FILTER
(24) INSTALL 4" PVC PIPE
(25) NOT USED
(26) NOT USED

(27) INSTALL 8" HDPE STORM DRAIN
(28) INSTALL 1"X1" BROOKS PRODUCT CATCH BASIN OR EQUAL
(29) INSTALL 1"X1" BROOKS PRODUCT CATCH BASIN OR EQUAL WITH FOSSIL FILTER

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

E0901510

Underground Service Alert
Call: TOLL FREE
1–800
227–2600
TWO WORKING DAYS BEFORE YOU DIG

MARK	REVISIONS	BY	APPR.	DATE

BENCHMARK = CITY OF SAN BERNARDINO BM# C1–41.
ELEVATION 1158.763 FT.

BRASS DISK CSB C1–41. 41.25 FT. EAST & 30.0 FT SOUTH OF THE CENTERLINE P.I. OF MT. VERNON & 14TH ST. ;9.75 FT. SOUTH OF THE SOUTH CURBLINE OF 14TH ST. 9.25 FT. EAST OF THE EAST CURBLINE OF MT.VERNON AVE. ' 2.0 FT EAST OF THE NORTH/SOUTH SIDEWALK ABOUT 0.2 FEET LOWER THEN THE PAVEMENT.

Fraco Enterprises Inc
Engineering and Construction Services
12139 MOUNT VERNON AVENUE, SUITE 210
GRAND TERRACE, CA 92313
TEL (909) 824–7230 FAX (909) 824–7385

REGISTERED PROFESSIONAL ENGINEER
MARIA I. FRASER
No. 56005
EXP. DATE 12/31/12
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
MARIA I. FRASER
RCE NO. 56005
EXP. 12/31/2012
DATE

DESIGNED BY: JRN, SM
DRAWN BY: JRN, SM
CHECKED BY: MIF

CITY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS
APPROVED BY:
ROBERT G. EISENBEISZ, P.E.
CITY ENGINEER
RCE NO. 54931, EXP. 6/30/2012
DATE

CITY OF SAN BERNARDINO
DEVELOPMENT SERVICES~PUBLIC WORKS/ENGINEERING

PRECISE GRADING PLAN
ROOSEVELT II ELEMENTARY SCHOOL

STORM DRAIN PLAN

FOR CITY USE ONLY: FILE NO. W.O. NO.

DRAWING NO. 12343
SHEET C-8 OF 10 SHEETS

RE-BID #F09-02 ROOSEVELT II (HENRY) E.S. NEW CONSTRUCTION BID ISSUANCE SET 12/09/11