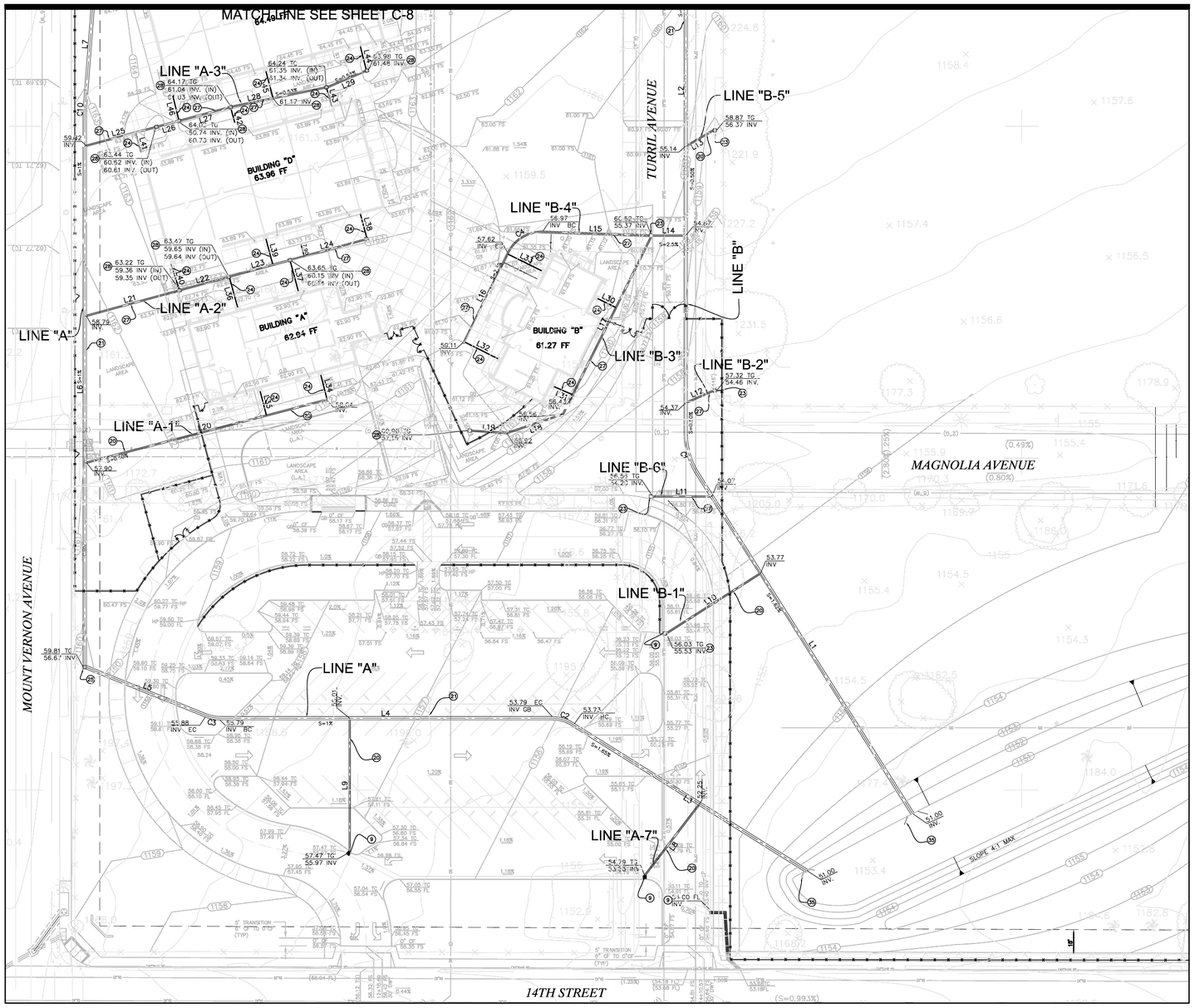

LINE DATA		
NO.	BEARING	LENGTH
L1	N 32°33'35" W	249.09'
L2	N 00°00'00" E	606.91'
L3	N 54°53'44" W	164.77'
L4	N 90°00'00" E	200.25'
L5	N 68°02'35" W	77.58'
L6	N 00°00'00" E	333.26'
L7	N 04°25'45" E	144.75'
L8	N 37°22'49" E	49.57'
L9	N 00°00'00" E	80.78'
L10	N 57°26'25" E	67.62'
L11	N 90°00'00" E	35.90'
L12	N 66°09'34" E	18.05'
L13	N 59°46'08" E	19.11'
L14	N 90°00'00" E	20.00'
L15	N 88°01'38" W	64.13'
L16	N 26°13'51" E	59.88'
L17	N 26°24'25" E	119.20'
L18	N 71°24'25" E	35.68'
L19	N 86°05'35" W	21.44'
L20	N 75°20'02" E	150.96'
L21	N 74°42'10" E	58.16'
L22	N 74°42'10" E	28.61'
L23	N 74°42'10" E	36.45'
L24	N 74°42'10" E	45.79'
L25	N 75°00'00" E	43.73'
L26	N 74°58'33" E	12.07'
L27	N 74°58'33" E	30.16'
L28	N 78°26'37" E	56.95'
L29	N 66°54'06" E	24.43'
L30	N 63°35'35" W	11.53'
L31	N 66°35'59" W	12.50'
L32	N 63°13'27" W	22.00'
L33	N 63°46'09" W	22.14'
L34	N 14°32'14" W	14.50'
L35	N 14°39'58" W	14.28'
L36	N 15°17'50" W	17.84'
L37	N 15°00'00" W	18.02'
L38	N 15°00'33" W	14.45'
L39	N 14°57'34" W	15.40'
L40	N 18°39'28" W	15.30'
L41	N 15°00'00" W	14.50'
L42	N 15°11'19" W	14.02'
L43	N 15°00'00" W	10.60'
L44	N 14°02'26" W	14.05'
L45	N 14°54'06" W	16.49'
L46	N 13°56'35" W	14.05'

CURVE DATA				
NO.	DELTA	LENGTH	RADIUS	TANGENT
C1	32°33'35"	25.57'	45.00'	13.14'
C2	35°06'16"	13.79'	22.50'	7.12'
C3	21°57'25"	8.62'	22.50'	4.36'
C4	65°44'31"	25.82'	22.50'	14.54'

CONSTRUCTION NOTES:

(20) INSTALL 12" HDPE STORM DRAIN

(21) INSTALL 24" HDPE STORM DRAIN

(22) INSTALL 2'X2' BROOKS PRODUCT CATCH BASIN OR EQUAL
INSTALL 2'X2' BRC

"X1" BROOKS PRODUCT CATCH BASIN OR EQUAL WITH FOSSIL FILTER

(35) PRECAST FLARED END SECTION PER CALTRANS STD. D-94B DETAIL ON SHEET 6

(9) INSTALL PARKING LOT CATCH BASIN PER PER CITY OF SAN BERNARDINO STD. 402

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# G1-41.
ELEVATION 1158.763 FT.

BRASS DISK CSB G1-41. 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

DRAWING NO. 12343

SHEET C-7 OF 10 SHEETS

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

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