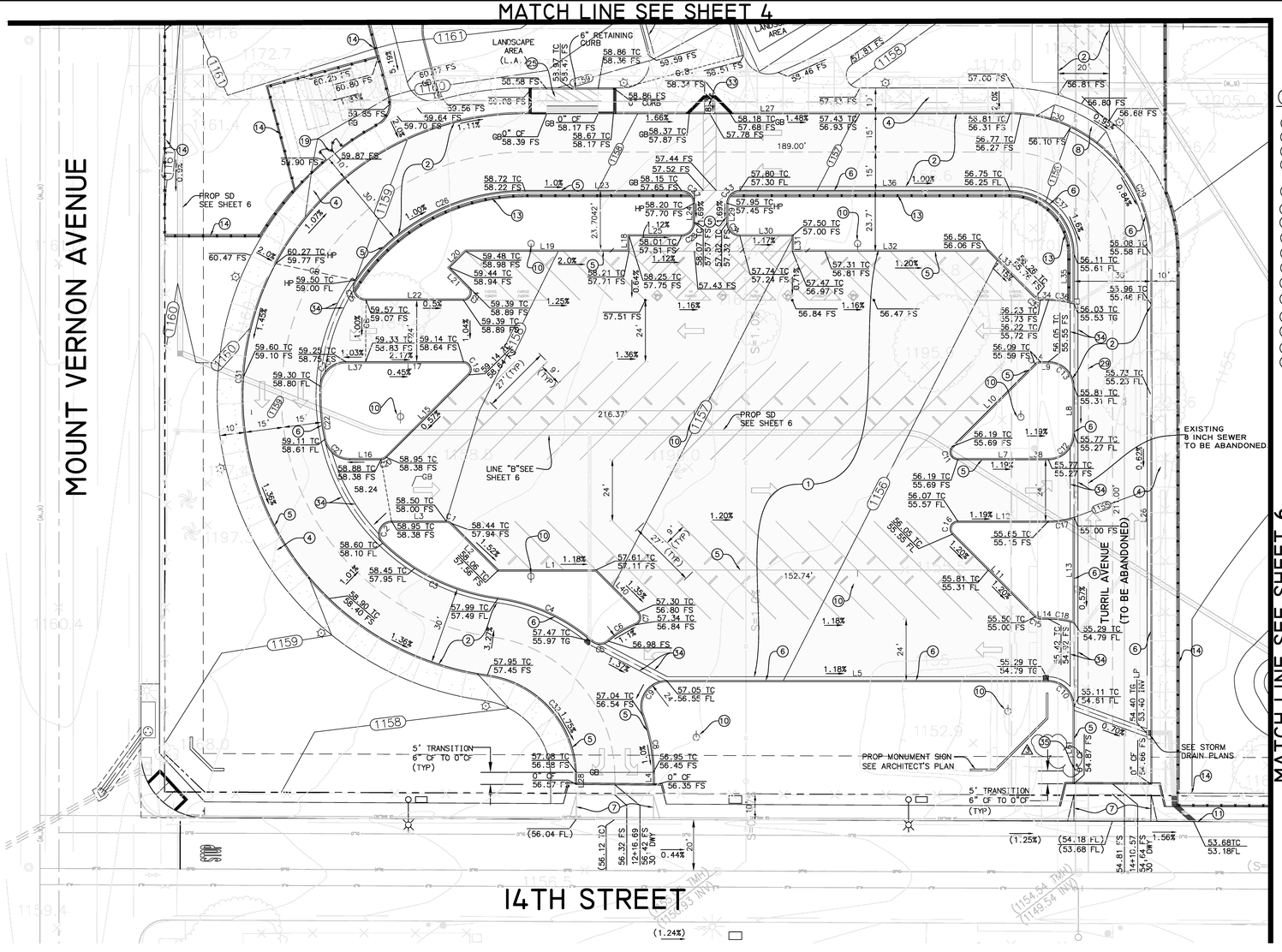


CONSTRUCTION NOTES:

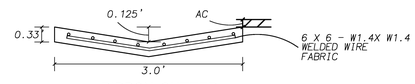
1. CONSTRUCT 4" AC PAVEMENT OVER 9" AC BASE (CLASS II)
2. CONSTRUCT 5" AC PAVEMENT OVER 11" AC BASE (CLASS II)
5. CONSTRUCT 6" CURB FACE PER CITY OF SAN BERNARDINO STD 200
6. CONSTRUCT TYPE "C" 6" CURB AND GUTTER PER CITY OF SAN BERNARDINO STD 200
7. DRIVEWAY APPROACH PER SEPARATE STREET IMPROVMENT PLANS
10. INSTALL PARKING LOT LIGHTING PER SEPARATE LIGHTING PLAN
11. PARKWAY CULVERT PER SEPARATE STREET IMPROVEMEN PLANS
13. INSTALL FENCE PER ARCHITECTURAL PLANS AND DETAILS
14. INSTALL FENCE PER ARCHITECTURAL PLANS AND DETAILS
19. INSTAL PEDESTRIAN GATE PER ARCHITECTURAL PLANS AND DETAILS
25. CONSTRUCT ACCESS RAMP PER DETAIL 13 ON SHEET A-1.3
29. ABANDON AND CRUSH IN PLACE EXISITNG 8 INCH SEWER AND LATERALS
33. CONSTRUCT ACCESS RAMP PER DETAIL 18 SHEET A-1.3
34. INSTALL 3' CONCRETE CROSS GUTTER PER DETAIL ON SHEET 5
35. CUT AND CAP EXISTING SEWER LINE 5 FEET NORTH OF SIDEWALK
36. PROTECT SEWER LINE IN PLACE BETWEEN MAINLINE CONNECTION AND 5 FEET NORTH OF SIDEWALK

LINE TABLE

NO.	BEARING	LENGTH
L1	N 90°00'00" E	38.18'
L2	N 45°00'00" W	25.76'
L3	N 90°00'00" E	21.34'
L4	N 00°00'00" E	3.25'
L6	N 90°00'00" E	38.23'
L7	N 90°00'00" E	35.33'
L8	N 00°00'00" E	18.18'
L9	N 90°00'00" W	3.14'
L10	N 45°00'00" E	45.51'
L11	N 45°00'00" W	45.51'
L12	N 90°00'00" E	35.33'
L13	N 00°00'00" E	41.19'
L14	N 90°00'00" W	3.14'
L15	N 45°00'00" E	45.51'
L16	N 90°00'00" E	12.19'
L17	N 90°00'00" E	45.92'
L18	N 00°00'00" E	6.00'
L19	N 90°00'00" E	63.64'
L20	N 45°00'00" E	9.00'
L21	N 45°00'00" W	10.76'
L22	N 90°00'00" E	38.00'
L23	N 90°00'00" E	60.97'
L24	N 00°00'00" W	7.70'
L25	N 90°00'00" E	20.46'
L26	N 00°00'00" E	206.56'
L27	N 90°00'00" E	189.00'
L28	N 00°01'39" W	2.98'
L29	N 00°00'00" E	7.70'
L30	N 90°00'00" E	20.46'
L31	N 00°00'00" E	6.00'
L32	N 90°00'00" E	76.37'
L33	N 45°00'00" W	25.76'
L34	N 90°00'00" E	3.14'
L35	N 00°00'00" E	19.30'
L36	N 90°00'00" E	105.30'
L37	N 90°00'00" E	7.74'
L38	N 90°00'00" E	9.87'
L39	N 45°00'00" W	25.76'
L40	N 45°00'00" W	23.14'

ARC TABLE

NO.	DELTA	RADIUS	LENGTH	TANGENT
C1	Δ=45°00'00"	3.00'	2.36'	1.24'
C2	Δ=136°01'56"	5.00'	11.87'	12.39'
C3	Δ=36°18'20"	80.00'	50.69'	26.23'
C4	Δ=33°19'08"	70.00'	40.71'	20.95'
C5	Δ=82°40'25"	5.00'	7.21'	4.40'
C6	Δ=20°58'00"	34.00'	12.44'	6.29'
C7	Δ=114°16'27"	3.00'	5.98'	4.64'
C8	Δ=20°06'12"	70.00'	24.56'	12.41'
C9	Δ=110°06'12"	10.00'	19.22'	14.31'
C10	Δ=90°00'00"	10.00'	15.71'	10.00'
C11	Δ=135°00'00"	3.00'	7.07'	7.24'
C12	Δ=90°00'00"	10.00'	15.71'	10.00'
C13	Δ=90°00'00"	10.00'	15.71'	10.00'
C14	Δ=45°00'00"	3.00'	2.36'	1.24'
C15	Δ=45°00'00"	3.00'	2.36'	1.24'
C16	Δ=135°00'00"	3.00'	7.07'	7.24'
C17	Δ=17°06'17"	34.00'	10.15'	5.11'
C18	Δ=17°06'17"	34.00'	10.15'	5.11'
C19	Δ=135°00'00"	3.00'	7.07'	7.24'
C20	Δ=45°00'00"	3.00'	2.36'	1.24'
C21	Δ=77°38'36"	10.00'	13.55'	8.05'
C22	Δ=14°58'48"	80.00'	20.92'	10.52'
C23	Δ=87°22'36"	10.00'	15.25'	9.55'
C24	Δ=135°00'00"	3.00'	7.07'	7.24'
C25	Δ=124°14'39"	5.00'	10.84'	9.45'
C26	Δ=55°45'21"	80.00'	77.85'	42.32'
C27	Δ=90°00'00"	5.00'	7.85'	5.00'
C28	Δ=90°00'00"	5.00'	7.85'	5.00'
C29	Δ=52°03'25"	55.00'	49.97'	26.86'
C30	Δ=37°56'35"	55.00'	36.42'	18.91'
C31	Δ=172°20'16"	110.00'	330.86'	1642.64'
C32	Δ=82°20'16"	40.00'	57.48'	34.98'
C33	Δ=90°00'00"	5.00'	7.85'	5.00'
C34	Δ=90°00'00"	5.00'	7.85'	5.00'
C35	Δ=45°00'00"	3.00'	2.36'	1.24'
C36	Δ=17°06'17"	34.00'	10.15'	5.11'
C37	Δ=90°00'00"	25.00'	39.27'	25.00'



RIBBON GUTTER

NTS

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

E0901510

Underground Service Alert
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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. DATE
CITY ENGINEER
RCE NO. 54931, EXP. 6/30/2012

CITY OF SAN BERNARDINO

DEVELOPMENT SERVICES--PUBLIC WORKS/ENGINEERING

PRECISE GRADING PLAN

ROOSEVELT II SCHOOL ELEMENTARY SCHOOL

DRAWING NO. 12343

SHEET C-5 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