CITY OF SAN BERNARDINO

STREET IMPROVEMENT PLANS
ROOSEVELT II ELEMENTARY SCHOOL
14TH STREET & 16TH STREET

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) LATEST EDITION WITH ALL SUPPLEMENTS AND CITY OF SAN BERNARDINO STANDARD DRAWINGS.
2. APPROVAL OF THIS PLAN BY THE CITY OF SAN BERNARDINO DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE EXISTENCE OR NONEXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THISPROJECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR THE PROTECTION OF ALL UTILITIES WITHIN THE LIMITS OF THE PROJECT. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT 48 HOURS PRIOR TO START OF WORK.
3. 24 HOURS ADVANCE NOTICED IS REQUIRED FOR INSPECTION. ARRANGEMENTS FOR INSPECTION CAN BE MADE BY CALLING 384-5166 BETWEEN 7:30 AM AND 4:30 PM WEEKDAYS (SUBJECT TO ADJUSTMENTS FOR THE 9/80 WORK SCHEDULE).
4. ALL JOIN LINES SHALL BE SAW CUT ON A NEAT, STRAIGHT LINE PARALLEL WITH THE JOIN. THE CUT EDGE SHALL BE PROTECTED FROM CRUSHING, AND ALL BROKEN EDGES SHALL BE RECUT PRIOR TO PAVING.
5. DURING THE PERIOD OF CONSTRUCTION, THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN SUCH WARNINGS, SIGNS, STOP SIGNS, BARRICADES AND OTHER SAFETY MEASURES IN CONFORMANCE WITH THE W.A.T.C.H. MANUAL.
6. CONTRACTOR SHALL REINSTALL PAVEMENT MARKINGS, STRIPING AND SIGNING THAT HAS BEEN DISTURBED BY HIS OPERATION.
7. THE CONTRACTOR SHALL PROVIDE SAFE AND CONTINUOUS PASSAGE FOR LOCAL PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL TIMES.
8. TRAFFIC SIGNAL FUNCTIONS SHALL BE THE RESPONSIBILITY OF THE CITY. HOWEVER, THE CONTRACTOR IS REQUIRED TO GIVE 48-HOUR NOTICE PRIOR TO CONSTRUCTION THAT WILL DAMAGE OR AFFECT ANY BURIED TRAFFIC DETECTORS OR OTHER UNDERGROUND FACILITIES.
9. SHOULD ANY OF THE EXISTING UTILITIES OR ANY OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND AWAIT THE RELOCATION AND/OR PROVIDE AN ALTERNATE DESIGN.
10. THE CONTRACTOR SHALL SO CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO THE PUBLIC, AND HE SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN HE CAN PROSECUTE PROPERLY WITH DUE REGARD TO THE RIGHTS OF THE PUBLIC.
11. CONVENIENT ACCESS TO DRIVEWAYS, HOUSES AND BUILDINGS ALONG THE LINE OF WORK SHALL BE MAINTAINED, AND TEMPORARY CROSSINGS SHALL BE PROVIDED AND MAINTAINED IN GOOD CONDITION. NOT MORE THAN ONE CROSSING OR INTERSECTING STREET OR ROAD SHALL BE CLOSED AT ANY ONE TIME WITHOUT THE APPROVAL OF THE ENGINEER.
12. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SUCH FENCES, BARRIERS, DIRECTIONAL SIGNS, LIGHTS, AND FLAGMEN AS ARE NECESSARY TO GIVE ADEQUATE WARNING TO THE PUBLIC AT ALL TIMES OF ANY DANGEROUS CONDITIONS TO BE ENCOUNTERED AS A RESULT OF THE CONSTRUCTION WORK AND TO GIVE DIRECTIONS TO THE PUBLIC.
13. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID INJURY TO EXISTING IMPROVEMENTS OR FACILITIES, UTILITY FACILITIES, ADJACENT PROPERTY, AND TREES AND SHRUBBERY THAT ARE NOT TO BE REMOVED.
14. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK, AND THE CONTRACTOR SHALL FULLY COMPLY WITH ALL STATE AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDERS RELATING TO SAFETY TO THE PUBLIC AND WORKMEN.
15. DUST SHALL BE CONTROLLED AT ALL TIMES BY APPROVED METHODS.
16. PUBLIC STREETS SHALL BE KEPT CLEAN AND FREE FROM DIRT AND/OR DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED IN STREET CLEANING NECESSITATED BY HIS OPERATION.
17. FULL STREET CLOSURE WILL NOT BE PERMITTED UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE DIRECTOR OF PUBLIC WORKS/CITY ENGINEER. 48 HOUR NOTICE WILL BE REQUIRED TO THE CITY AND AFFECTED PROPERTY OWNERS PRIOR TO ANY CLOSURE.
18. STREET CUT PERMITS MUST BE OBTAINED FROM THE PUBLIC SERVICES DEPARTMENT.
19. CAL-OSHA PERMITS SHALL BE REQUIRED FOR ANY TRENCH WORK OVER 5' IN DEPTH. EVIDENCE MUST BE PRESENTED TO THE CITY PRIOR TO PERMIT ISSUANCE.
20. PAVEMENT SUBGRADE SHOULD BE PREPARED IN ACCORDANCE WITH SECTION 301 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC 2000) THE UPPER 12" OF SUBGRADE SHOULD BE COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 95% AS PER ASTM D1557 TEST METHOD.
21. CONTRACTORS WILL BE REQUIRED TO OBTAIN CITY BUSINESS LICENSES, INSURANCE AND PROVIDE EVIDENCE OF SAME TO INSPECTION STAFF UPON REQUEST.
22. ALL TRENCH BACKFILL SHALL BE TESTED AND CERTIFIED BY A SOILS ENGINEER PRIOR TO ACCEPTANCE.
23. THE FINAL COMPACT ON REPORT AND APPROVAL FROM THE SOILS ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED. EACH TEST SHALL BE IDENTIFIED WITH THE METHOD OF OBTAINING THE IN PLACE DENSITY, WHETHER SAND-CONE, DRIVE-RING, OR OTHER APPROVED METHOD AND SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN. RECOMMENDATIONS FOR STRUCTURAL SECTIONS SHALL ALSO BE SUPPLIED.
24. THE CONTRACTOR SHALL NOT PLACE CONCRETE OR ASPHALT ON THE PROJECT WITHOUT FIRST HAVING SUBMITTED COMPACTION TESTS TO THE DEPARTMENT OF PUBLIC WORKS.
25. ALL PLAN REVISIONS SHALL BE SUBMITTED TO THE DESIGN SECTION FOR REVIEW AND APPROVAL PRIOR TO MAKING FIELD REVISIONS. CONSTRUCTION, OTHER THAN SHOWN ON THE APPROVED PLANS WILL NOT BE PERMITTED WITHOUT APPROVAL OF REVISIONS.

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SHT-5	STANDARD AND DETAIL SHEET
SHT-6	16TH STREET CROSS SECTIONS
SHT-7	14TH STREET CROSS SECTIONS
SHT-8	STREET LIGHTING NOTES, DETAILS, AND SCHEDULES
SHT-9	STREET LIGHTING ELECTRICAL PLAN
SHT-10	STREET LIGHTING SPECIFICATIONS

SPECIAL NOTES

1. THE STRUCTURAL SECTION SHOWN ON THE PLANS IS THE MINIMUM SECTION REQUIRED BY THE CITY. ACTUAL STRUCTURAL SECTIONS WILL BE DETERMINED AFTER THE "R" VALUE TEST HAS BEEN CONDUCTED BY A QUALIFIED SOILS ENGINEER ON THE PREPARED SUB-BASE MATERIAL. THE "R" VALUE TEST AND ENGINEERED STRUCTURAL SECTION MUST BE APPROVED BY THE ENGINEERING INSPECTOR PRIOR TO THE INSTALLATION OF BASE AND PAVING MATERIALS. STRUCTURAL SECTIONS DIFFERING FROM THE MINIMUM SHALL BE NOTED ON THE "AS-BUILT" DRAWINGS.
2. A RIGHT-OF-WAY PERMIT IS REQUIRED FROM THE ENGINEERING DEPARTMENT PRIOR TO START OF ANY CONSTRUCTION WITHIN CITY RIGHT-OF-WAY.
3. STREET LIGHTS SHALL BE INSTALLED AS SHOWN ON THE PLANS. UNDERGROUND CONDUIT RUNS, SERVICE POINTS AND HAND-HOLES SHALL BE SHOWN ON THE "AS-BUILT" PLANS.
4. ALL UNDERGROUND UTILITIES AND LATERALS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS, CROSS GUTTERS OR SURFACING OF STREETS.
5. STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE WITH A MINIMUM D-LOAD OF 1,350.
6. STREET TREES SHALL BE INSTALLED AT AN AVERAGE INTERVAL NOT TO EXCEED ONE (1) TREE PER FORTY-FOOT (40') OF FRONTAGE. TREES SHALL BE PLANTED IN CONFORMANCE WITH CITY OF SAN BERNARDINO STANDARDS. TREES ARE TO BE PLANTED A MINIMUM OF FOUR-FEET (4') FROM THE EDGE OF THE SIDEWALK.
7. FIRE HYDRANT MARKERS SHALL BE PLACED IN THE STREET ADJACENT TO ALL NEW AND EXISTING FIRE HYDRANTS IN CONFORMANCE WITH CITY FIRE DEPARTMENT REQUIREMENTS
8. 24 HOUR EMERGENCY CONTACT:
   WORK: 909-384-5111

NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRAC- TOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR THE PROTECTION OF, AND ANY DAMAGES TO THESE LINES OR STRUCTURES.

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPT- ING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT HERETO, AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED; NOT INDICATED ON THE PUBLIC RECORDS EXAMINED; LOCATED AT VARIANCE WITH THAT REPORT- ED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUC- TURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

CONTRACTORS RESPONSIBILITY FOR JOB SITE

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

DECLARATION OF RESPONSIBLE CHARGE

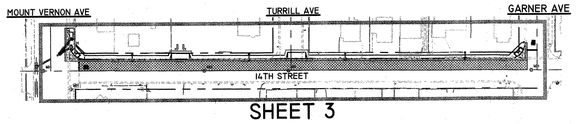
I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATION BY THE CITY OF SAN BERNARDINO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

FRACO ENTERPRISES INC.
12139 MOUNT VERNON AVENUE, SUITE 210
GRAND TERRACE, CA 92313
(909) 824-7230
(909) 824-7385 FAX

MARIA I. FRASER
RCE NO. 56005, EXP. 12/31/10

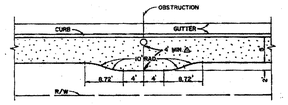
DATE



SHEET 3

SHEET 4

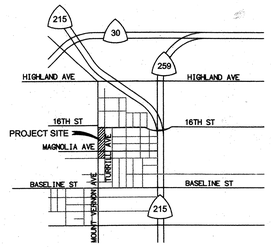
INDEX MAP
SCALE: 1" = 100'



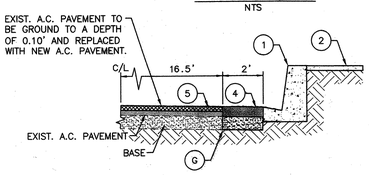
SIDEWALK TRANSITION DETAIL (23)
(16TH STREET)
NTS

SIGNING & STRIPING NOTES

1. REMOVE CROSSWALK SIGNAGE FOR CROSSWALK ON MOUNT VERNON AVENUE AND MAGNOLIA AVENUE.
2. ADDITIONAL SCHOOL SIGNAGE THAT MAY BE REQUIRED BY THE CITY ENGINEER SHALL BE INSTALLED AND PROVIDED BY THE CONTRACTOR.
3. INSTALL ASSEMBLY C (OVERSIZE) AT ±500 FT. SOUTH FROM THE INTERSECTION OF MOUNT VERNON AVENUE & 14TH STREET.
4. INSTALL ASSEMBLY C (OVERSIZE) AT ±500 FT. NORTH FROM THE INTERSECTION OF MOUNT VERNON AVENUE & 16TH STREET.



VICINITY MAP
NTS



PAVEMENT GRIND DETAIL (5)
(14TH STREET AND 16TH STREET)
NTS

NOTE TO CONTRACTOR
NO VAULT ACCESS OR MANHOLE ACCESS SHALL BE PLACED IN THE GUTTER

CONSTRUCTION NOTES

1	CONSTRUCT TYPE "B" CURB AND GUTTER PER CITY OF SAN BERNARDINO STD. 200	1,604 LF
2	CONSTRUCT 6' WIDE PCC SIDEWALK PER CITY OF SAN BERNARDINO STD. 202	8,960 SF
3	CONSTRUCT DRIVEWAY PER CITY OF SAN BERNARDINO STD. 204, TYPE II	2,089 SF
4	CONSTRUCT 0.58' AC PAVEMENT OVER 1.17' CLASS II AGGREGATE BASE	15,892 SF
5	GRIND PAVEMENT AND A.C. OVERLAY PER DETAIL ON SHEET NO. 1	12,336 SF
6	CONSTRUCT CURB RAMP PER APWA STD. 111-3 CASE "A", TYPE 3	4 EA
7	RECONSTRUCT CROSS GUTTER AND SPANDREL PER CITY OF SAN BERNARDINO STD. 201	885 SF
8	PROTECT IN PLACE	N/A
9	CONSTRUCT CATCH BASIN NO. 3 PER CITY OF SAN BERNARDINO STD. 405	1 EA
10	INSTALL 24" RCP STORM DRAIN PIPE (1500-D)	8 LF
11	CONSTRUCT LOCAL DEPRESSION TYPE "I" PER CITY OF SAN BERNARDINO STD. 407	1 EA
12	CONSTRUCT CONCRETE COLLAR PER CITY OF SAN BERNARDINO STD. 412	1 EA
13	CONSTRUCT PARKWAY CULVERT NO. 2 PER CITY OF SAN BERNARDINO STD. 401, CASE II INLET	1 EA
14	FEATHER OVER EXISTING AC PAVEMENT A MIN. OF 2' FOR SMOOTH TRANSITION	1 EA
15	ADJUST MANHOLE COVER TO GRADE	1 EA
16	REMOVE AND REPLACE "STOP" SIGN PER MUCTD DET. R1-1	1 EA
17	REMOVE AND REPLACE EXIST. "SCHOOL" CROSSWALK SIGN PER MUCTD DET. S1-1 W/ W16-7	1 EA
18	PAINT "STOP" MARKING PER CA-MUTCD DET. 3B-20 AND PAINT 12" WHITE LIMIT LINE "THERMOPLASTIC" PER CA-MUTCD DET. 12W-12	1 EA
19	PAINT CROSSWALK SOLID YELLOW LINE "THERMOPLASTIC" TO MATCH EXISTING	2 EA
20	STREET VACATION RECORDED PER INSTRUMENT NO.	N/A
21	STREET DEDICATION RECORDED PER INSTRUMENT NO.	N/A
22	PROPOSED STREET LIGHT PER ELECTRICAL PLANS	8 EA
23	CONSTRUCT TYPICAL SIDEWALK OBSTRUCTION TRANSITION PER DETAIL ON SHEET NO. 1	4 EA
24	TRENCH, BACKFILL AND PAVEMENT REPLACEMENT PER CITY OF SAN BERNARDINO STD. 310	27 LF

REMOVAL NOTES

A	REMOVE EXISTING CURB AND GUTTER	1,631 LF
B	REMOVE EXISTING CONCRETE SIDEWALK	4,240 LF
C	REMOVE EXISTING AC	15,146 SF
D	TO BE ABANDONED IN PLACE PER "GREEN BOOK" (2006 EDITION) STD. 381-1	1 EA
E	REMOVE CROSS GUTTER	617 SF
F	REMOVE EXISTING TREE	1 EA
G	SAWCUT AND SMOOTH JOIN EXISTING PAVEMENT	1,734 LF

LEGEND

- PCC SIDEWALK
- AC PAVEMENT
- REMOVAL
- AC GRIND/OVERLAY

ABBREVIATIONS

(E)	EAST	EVC	END OF VERTICAL CURB	POC	POINT ON CURVE
(N)	NORTH	EX	EXISTING	PP	POWER POLE
(S)	SOUTH	FF	FINISHED FLOOR	PRC	POINT OF REVERSE CURVE
(W)	WEST	FG	FINISHED GRADE	PROP.	PROPOSED
(NE)	NORTHEAST	FL	FLOWLINE	PT.	POINT
(NW)	NORTHWEST	FS	FINISHED SURFACE	PUE	PUBLIC UTILITY EASEMENT
(SE)	SOUTHEAST	GB	GRADE BREAK	PVI	POINT OF VERTICAL INTERSECTION
(SW)	SOUTHWEST	GF	GARAGE FLOOR ELEVATION	PVMT	PAVEMENT
AC	ASPHALT CONCRETE	HC	HANDICAP	R/W	RIGHT OF WAY
BC	BEGINNING OF CURVE	HP	HIGH POINT	RAD.	RADIUS
BCR	BEGIN CURB RETURN	HZ	HORIZONTAL	S.D.	STORM DRAIN
BSL	BUILDING SETBACK	INV	INVERT	S.F.	SQUARE FEET
BOC	BACK OF CURB	L#	LINE	S/W	SIDEWALK
BS	BOTTOM OF STEPS	L.F.	LINEAL FEET	STA.	STATION
C#	CURVE	LP	LOW POINT	STD.	STANDARD
C/L	CENTERLINE	MAX.	MAXIMUM	SWR.	SEWER
C&G	CURB AND GUTTER	MH	MANHOLE	TB	TOP OF BERM
C.B.	CATCH BASIN	MIN.	MINIMUM	TC	TOP OF CURB
C.Y.	CUBIC YARD	MOC	MID-POINT OF CURVE	TF	TOP OF FOOTING
D	DEPTH	MVC	MID-POINT OF VERTICAL CURVE	TOG	TOP OF GRATE
DB	DRAIN BOX	NG	NATURAL GROUND	TP	TOP OF PAVEMENT
DWG.	DRAWING	NO.	NUMBER	TRW	TOP OF RETAINING WALL
DWY	DRIVEWAY	N.T.S.	NOT TO SCALE	TW	TOP OF WALL
EA.	EACH	OH	OVERHEAD	TYP.	TYPICAL
EC	END OF CURVE	P/L	PROPERTY LINE	VC	VERTICAL CURVE
ECR	END CURB RETURN	P.C.C.	PORTLAND CONCRETE CEMENT	VERT	VERTICAL
ELEV	ELEVATION	PCC	POINT OF COMPOUND CURVE	W	WIDTH
EP	EDGE OF PAVEMENT	PE	PAD ELEVATION	WTR.	WATER
ESMT.	EASEMENT	PI	POINT OF INTERSECTION, GUTTER FL		

NOTIFICATIONS

CONTRACTOR SHALL NOTIFY CITY OF SAN BERNARDINO AT (909) 384-5114, AT LEAST 2 WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION. AT LEAST 2 WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION CONTRACTOR SHALL NOTIFY:

CITY OF SAN BERNARDINO WATER DEPARTMENT	(909) 384-5139
CITY OF SAN BERNARDINO REFUSE	(909) 384-5054
UNDERGROUND SERVICE ALERT	(800) 227-2600

UTILITY PURVEYORS:

WATER	-	CITY OF SAN BERNARDINO WATER DEPT.
SEWER	-	CITY OF SAN BERNARDINO REFUSE
GAS	-	SOUTHERN CALIFORNIA GAS
ELECTRIC	-	SOUTHERN CALIFORNIA EDISON

ASSESSOR'S PARCEL NO.

0139-067-001 THRU 021
0139-062-001 THRU 018

TOPOGRAPHY SOURCE

FIELD SURVEY: AUGUST 2005
BY: AERO TECH SURVEYS
RIVERSIDE, CA

THOMAS BROS. COORD.

PAGE 576, E-6 (2005)

BASIS OF BEARING

THE CENTERLINE OF GARNER AVENUE FROM MAGNOLIA STREET TO 15TH STREET BEING N 00°01'00" E AS SHOWN ON RECORD OF SURVEY RECORDED IN BOOK 27, PAGE 99 OF RECORDS OF SURVEYS AS FILED IN THE OFFICE OF THE COUNTY RECORDER, COUNTY OF SAN BERNARDINO, CA.

SOILS ENGINEER

CONVERSE CONSULTANTS
10391 CORPORATE DRIVE
REDLANDS, CA 92374
PHONE: (909) 796-0544
FAX: (900) 796-7675
ATTN: HASHMI S.E. QUAZI

REPORT

GEOTECHNICAL INVESTIGATION REPORT
PROPOSED ROOSEVELT II ELEMENTARY SCHOOL
DATE: JUNE 16, 2005

OWNER / APPLICANT

SAN BERNARDINO CITY UNIFIED SCHOOL DISTRICT
777 NORTH F STREET
SAN BERNARDINO CITY, CA 92410
(909) 381-1100

E0901319

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. 12/31/10
CIVIL
STATE OF CALIFORNIA

PREPARED UNDER THE DIRECT SUPERVISION OF:
MARIA I. FRASER
RCE NO. 56005
EXP. 12/31/2010
9-23-10
DATE

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

CITY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

APPROVED BY:
ROBERT G. EISENBEST, P.E.
CITY ENGINEER
RCE NO. 54931, EXP. 6/30/2012
11/23/10
DATE

CITY OF SAN BERNARDINO
DEVELOPMENT SERVICES-PUBLIC WORKS/ENGINEERING
STREET IMPROVEMENT PLAN
ROOSEVELT II ELEMENTARY SCHOOL
14TH STREET & 16TH STREET
TITLE SHEET

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

DRAWING NO. 12343
SHEET 1 OF 10 SHEETS

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