



ARCHITECTS CLIENT FOCUSED. PASSION DRIVEN.

March 17, 2017

TO : All Bidders
FROM : George M. Wiens
PROJECT : Thompson Middle School Parking Lot Improvements
Murrieta Valley Unified School District
1522500.41
SUBJECT : Addendum 2

The following changes, omissions, and/or additions to the Project Manual and/or Drawings shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

Careful note of the Addendum shall be taken by all parties of interest so that the proper allowances may be made in strict accordance with the Addendum, and that all trades shall be fully advised in the performance of the work which will be required of them.

Bidder shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

In case of conflict between Drawings, Project Manual, and this Addendum, this Addendum shall govern.

2. PROJECT MANUAL

2.1 SECTION 01 73 00 - EXECUTION REQUIREMENTS

A. Item B, Existing Utilities.

Add: "Owner will provide utility locator service for the site in the construction area."

DRAWINGS

2.2 DRAWING A1.2 - DEMOLITION ENLARGED SITE PLAN

A. Add: "Existing marquee sign in planting area along Nighthawk Way to be removed and disposed of by Contractor."

2.3 DRAWINGS C4.1 and C4.2 - STREET IMPROVEMENT PLANS

A. Replace these two drawings with the attached City of Murrieta Approved Street Improvement Plans for Nighthawk Way.

Addendum 2
Thompson Middle School Parking Lot Improvements
Murrieta Valley Unified School District
Project 1522500.41
March 17, 2017
Page 2

2.4 DRAWING E1.06 - DEMOLITION AND REMODEL SITE PLAN (SOLAR OPTION)

A. Delete this drawing from the set of plans. Parking lot lights will be per Drawing E0.2.

END OF ADDENDUM 2

Submitted by,

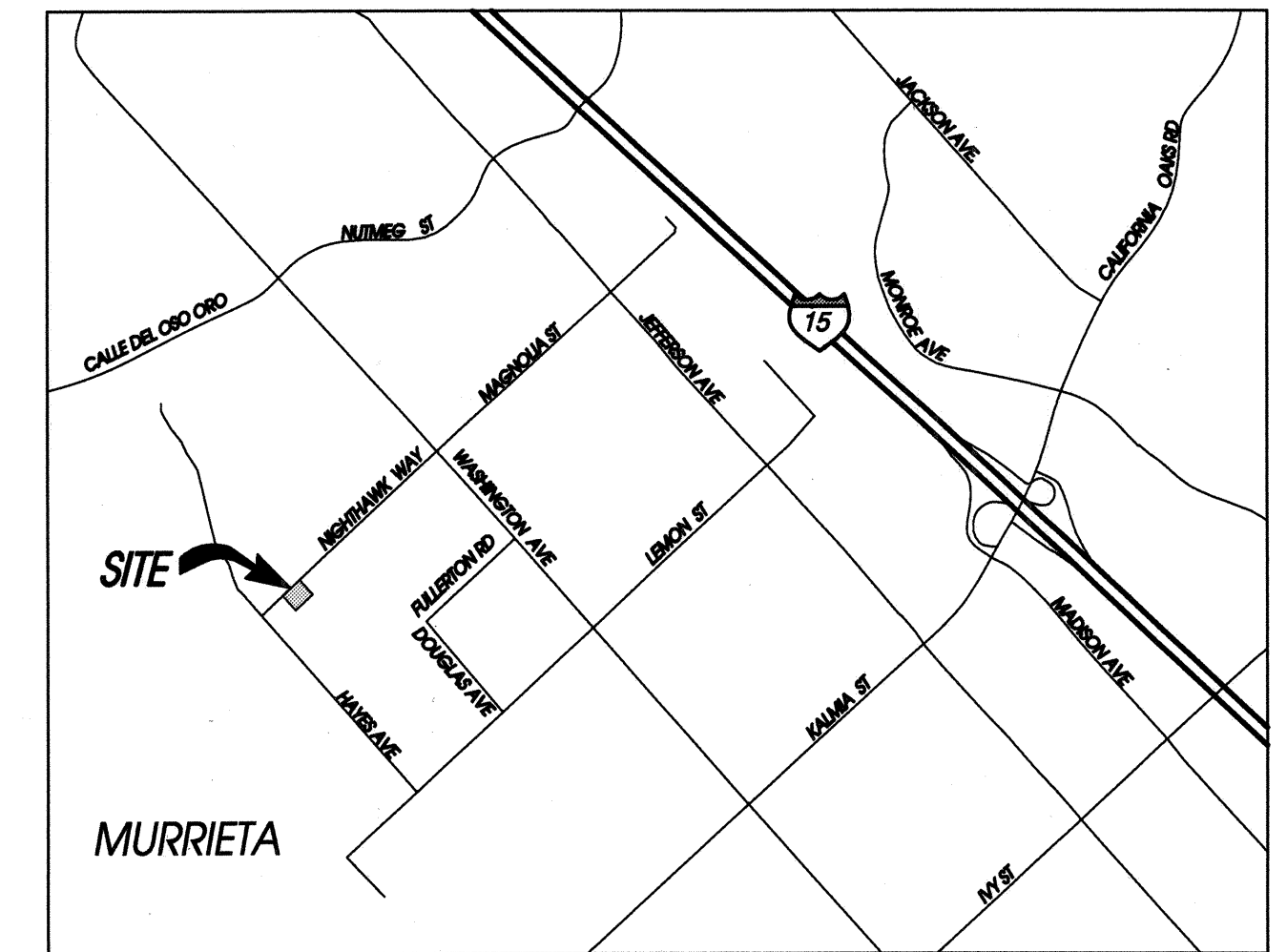

GEORGE M. WIENS
Architect, AIA
LEED™ AP
Principal



GMW:hb/P41522500x2-add

Attachments: City of Murrieta Approved Street Improvement Plans

CITY OF MURRIETA STREET IMPROVEMENT PLANS FOR Nighthawk Way



GRADING NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA, AND RELOCATION COST OF ALL EXISTING UTILITIES. PERMITTEE MUST INFORM THE CITY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. PHONE: (951)304-2489
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF MURRIETA PUBLIC WORKS DEPARTMENT IMPROVEMENT STANDARDS AND THE LATEST EDITION OF STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK).
- THE DEVELOPER WILL INSTALL STREET NAME SIGNS CONFORMING TO CITY STANDARD NO. 601.
- CURB DEPRESSIONS AND DRIVEWAY APPROACHES WILL BE INSTALLED AND CONSTRUCTED ACCORDING TO CITY STANDARD NO. 308,309, OR 310, AS DIRECTED IN THE FIELD.
- BLUE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED TO MARK FIRE HYDRANT AND/OR WATER SUPPLY LOCATIONS AT THE DIRECTION OF THE CITY INSPECTOR FOLLOWING FINAL SEALANT AND STRIPING.
- WORK MAY NOT START UNTIL PERMITS HAVE BEEN OBTAINED.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS WITH UNDERGROUND SERVICE ALERT AT 1-800-422-4133 AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION.
- ALL PAVED SECTIONS ARE AT MINIMUM REQUIREMENTS. ADDITIONAL SOIL TEST SHALL BE TAKEN AFTER ROUGH GRADING TO DETERMINE THE EXACT STRUCTURAL SECTION REQUIREMENTS. USE STANDARD NO. 320 IF EXPANSIVE SOIL ARE ENCOUNTERED.
- DUST CONTROL SHALL BE MAINTAINED AT ALL TIMES BY WATER OR OTHER APPROVED METHODS.
- EQUIPMENT AND MATERIALS SHALL BE STORED IN A NEAT AND PROTECTED MANNER.
- THE CONTRACTOR WILL CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO PUBLIC TRAFFIC, AND HE SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN HE CAN EXECUTE PROPERLY. ON EXISTING ROADS, TRAFFIC SHALL BE PERMITTED TO PASS THROUGH THE WORK AREA WITH AS LITTLE INCONVENIENCE AND DELAY AS POSSIBLE.
- EXISTING TRAFFIC SIGNALS AND LIGHTING SYSTEMS SHALL BE KEPT IN OPERATION FOR THE BENEFIT OF THE TRAVELING PUBLIC, AND TO MINIMIZE ANY INTERFERENCE WITH ROUTINE MAINTENANCE OF EXISTING SYSTEMS DURING WORK PROGRESS.
- WHENEVER THE CONTRACTOR'S OPERATION CREATES A HAZARDOUS CONDITION TO TRAFFIC OR TO THE PUBLIC, HE SHALL FURNISH AT HIS OWN EXPENSE, SUCH FLAGMEN AND GUARDS AS ARE NECESSARY TO GIVE ADEQUATE WARNING TO THE PUBLIC OF ANY DANGEROUS CONDITIONS. HE SHALL ALSO FURNISH, ERECT AND MAINTAIN SUCH FENCES, BARRICADES, LIGHTS, SIGNS, AND OTHER DEVICES NECESSARY TO PREVENT ACCIDENTS AND INJURY TO THE PUBLIC.
- WHERE SURVEY MONUMENTS EXIST, SUCH MONUMENTS WILL BE PROTECTED OR SHALL BE REFERENCED AND RESET, PURSUANT TO BUSINESS AND PROFESSIONS CODE, SECTION 8700 TO 8805 (LAND SURVEYOR'S ACT).
- WHERE NEW A.C. PAVEMENT JOIN EXISTING PAVEMENT, SAWCUT TO A NEAT EDGE. THE SAWCUTS MUST BE PERPENDICULAR, PARALLEL OR RADIAL TO THE ROADWAY CENTERLINE. OVERLAY AND FEATHER NEW A.C. PAVEMENT TO PROVIDE SMOOTH TRANSITION.
- ALL EXISTING STREET SIGNS, ROADSIDE MARKERS ETC., SHALL BE PROTECTED AND/OR REPLACED IN KIND TO THE CURRENT CITY STANDARD PLANS AND CURRENT TRAFFIC MANUAL, AT NO COST TO THE CITY.
- ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NOT LESS THAN FOURTEEN (14) DAYS FOLLOWING PLACEMENT OF THE ASPHALT SURFACING AND SHALL BE APPLIED AT A MIN. RATE OF 0.05 GALLON PER SQUARE YARD. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 37, 39, AND 94 OF THE STATE STANDARD SPECIFICATIONS.
- ALL UNDERGROUND FACILITIES, WITH LATERALS SHALL BE IN PLACE PRIOR TO PAVING THE STREET SECTION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: WATER, SEWER, GAS, ELECTRIC, CABLE T.V., TELEPHONE, AND DRAINAGE.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES, INCLUDING ANY OTHER LINES NOT SHOWN ON THESE PLANS OR NOT OF RECORD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY TO THE CITY OF MURRIETA ENGINEERING DEPARTMENT, FOR AN ENCROACHMENT PERMIT FOR ALL WORK ON EXISTING CITY MAINTAINED ROADS, AND FOR UTILITY WORK WITHIN OFFERS OF DEDICATION FOR PUBLIC USE.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER TO INSTALL STREET CENTERLINE MONUMENTS AS REQUIRED BY CITY STANDARD DRAWINGS NO. 616, 617, AND 618.
- STREET LIGHTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF MURRIETA STANDARD NO. 619 OR 620.
- APPROVAL OF THESE PLANS BY THE CITY OR ITS AGENTS DOES NOT RELIEVE THE APPLICANT AND HIS ENGINEER FROM THE RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE APPROPRIATE PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL.
- ALL G.T.E. SEE AND S.C.C. FACILITIES WILL BE RELOCATED OR MODIFIED BY THE RESPECTIVE UTILITIES OR THEIR APPOINTED REPRESENTATIVES.
- ALL WATER RELATED WORK SHALL BE DONE IN ACCORDANCE WITH THE SERVICING WATER DISTRICT STANDARDS AND SPECIFICATIONS.
- ALL SEWER RELATED WORK SHALL BE DONE IN ACCORDANCE WITH THE SERVICING WATER DISTRICT STANDARDS AND SPECIFICATIONS.
- ANY SERVICE SHUT DOWN SHALL BE DONE AT NIGHT, PRIOR TO ANY SHUT DOWN, THE CONTRACTOR SHALL NOTIFY THE DIRECTOR, ENGINEER, CUSTOMER, FIRE DEPARTMENT, SERVICING WATER DISTRICT, AND ALL OTHERS AFFECTED BY THE SHUT DOWN A MINIMUM OF TWO (2) WEEKS IN ADVANCE.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN THE STATE RIGHT-OF-WAY.
- 24 HOUR EMERGENCY CONTACT: RANDY WHITE
CELL: (951) 239-2843

STREET NOTES

- 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.
- A RIGHT-OF-WAY PERMIT IS REQUIRED FROM THE ENGINEERING DEPARTMENT PRIOR TO START OF ANY CONSTRUCTION WITHIN CITY RIGHT-OF-WAY.
- 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.
- ALL UNDERGROUND UTILITIES AND LATERALS SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS, CROSS GUTTERS OR SURFACING OF STREETS.
- STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE WITH A MINIMUM D-LOAD OF 1,350 OR ASBESTOS CONCRETE PIPE WITH A MINIMUM D-LOAD OF 2,000.
- WHEELCHAIR RAMPS SHALL BE INSTALLED AT CURB RETURNS PER REQUIREMENTS OF STATE UNIFORM BUILDING CODE, TITLE 24.
- 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 CARLSBAD STANDARD GS-B AND THE REQUIREMENTS OF THE PARKS AND RECREATION DIRECTOR. TREES ARE TO BE PLANTED A MINIMUM OF FOUR-FEET (4') FROM THE EDGE OF THE SIDEWALK.
- FIRE HYDRANT MARKERS SHALL BE PLACED IN THE STREET ADJACENT TO ALL NEW AND EXISTING FIRE HYDRANTS IN CONFORMANCE WITH CITY FIRE DEPARTMENT REQUIREMENTS.

PAVING NOTES

- MINIMUM PARKING LOT GRADE SHALL BE 1%.
- MINIMUM GRADE FOR RIBBON DRAINS SHALL BE 0.5%.
- AN APPROVED SOIL STERILIZER SHALL BE USED ON ALL SUBGRADE SURFACES PRIOR TO PLACEMENT OF PAVING.
- ASPHALTIC EMULSION (FOG SEAL) SHALL BE APPLIED NO LESS THAN FOURTEEN DAYS FOLLOWING PLACEMENT OF THE ASPHALT SURFACING AND SHALL BE APPLIED AT A RATE OF 0.05 GALLONS PER SQUARE YARD. ASPHALTIC EMULSION SHALL CONFORM TO SECTION 37, 39, AND 94 OF THE STATE STANDARD SPECIFICATIONS.
- THE SUBDIVIDER OR CONTRACTOR SHALL APPLY TO THE CITY ENGINEERING DEPARTMENT FOR AN ENCROACHMENT PERMIT FOR ALL WORK WITHIN THE RIGHT-OF-WAY.
- TWO SPECIAL INSPECTIONS ARE REQUIRED BY THE CITY ENGINEERING DEPARTMENT. ONE INSPECTION AT THE TIME THE BASE IS PLACED AND THE SECOND WHEN THE A.C. HAS BEEN PLACED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA, AND RELOCATION COST OF ALL EXISTING UTILITIES. THE CITY SHALL BE INFORMED 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION AT (951)304-2489.
- A COMPACTION REPORT BY A SOIL ENGINEER SHALL CERTIFY 95% COMPACTION OF BASE PRIOR TO CALLING FOR SECOND INSPECTION AND PLACEMENT OF ASPHALT PAVING.

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 8703 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 MURRIETA IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

ENGINEER COMPANY NAME: EPIC ENGINEERS
ADDRESS: 101 E. REDLANDS BLVD.
REDLANDS, CA 92373
PHONE NO.: (909) 792-5969
FAX NO.: (909) 792-8869

ENGINEER'S NAME PRINTED: TROY D. MOLAUG DATE: 7/13/16
ENGINEER'S SIGNATURE: [Signature] DATE: 7/13/16
RCE NO.: C59118 EXP. DATE: 06/30/2017

SIGNING AND STRIPING NOTES

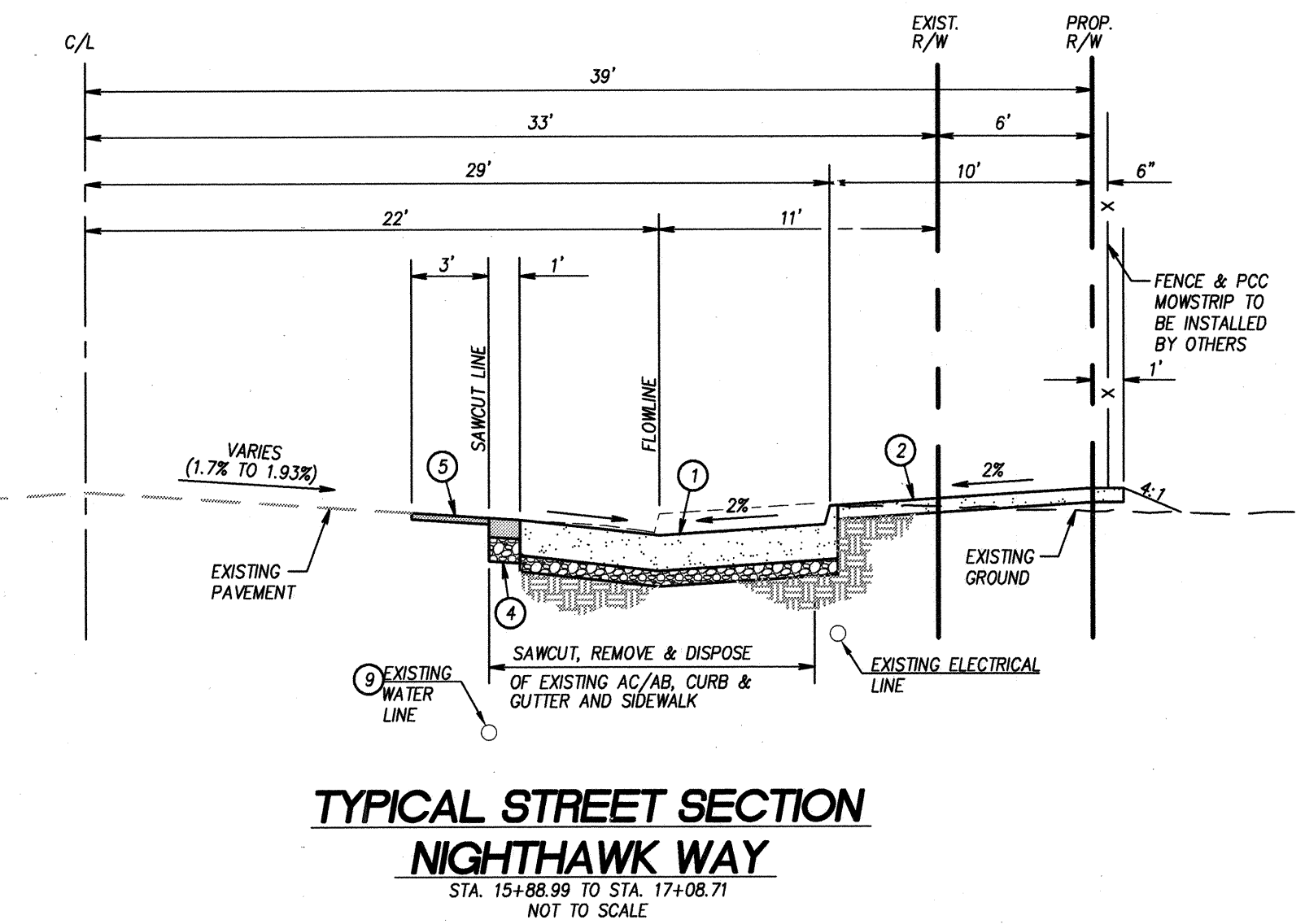
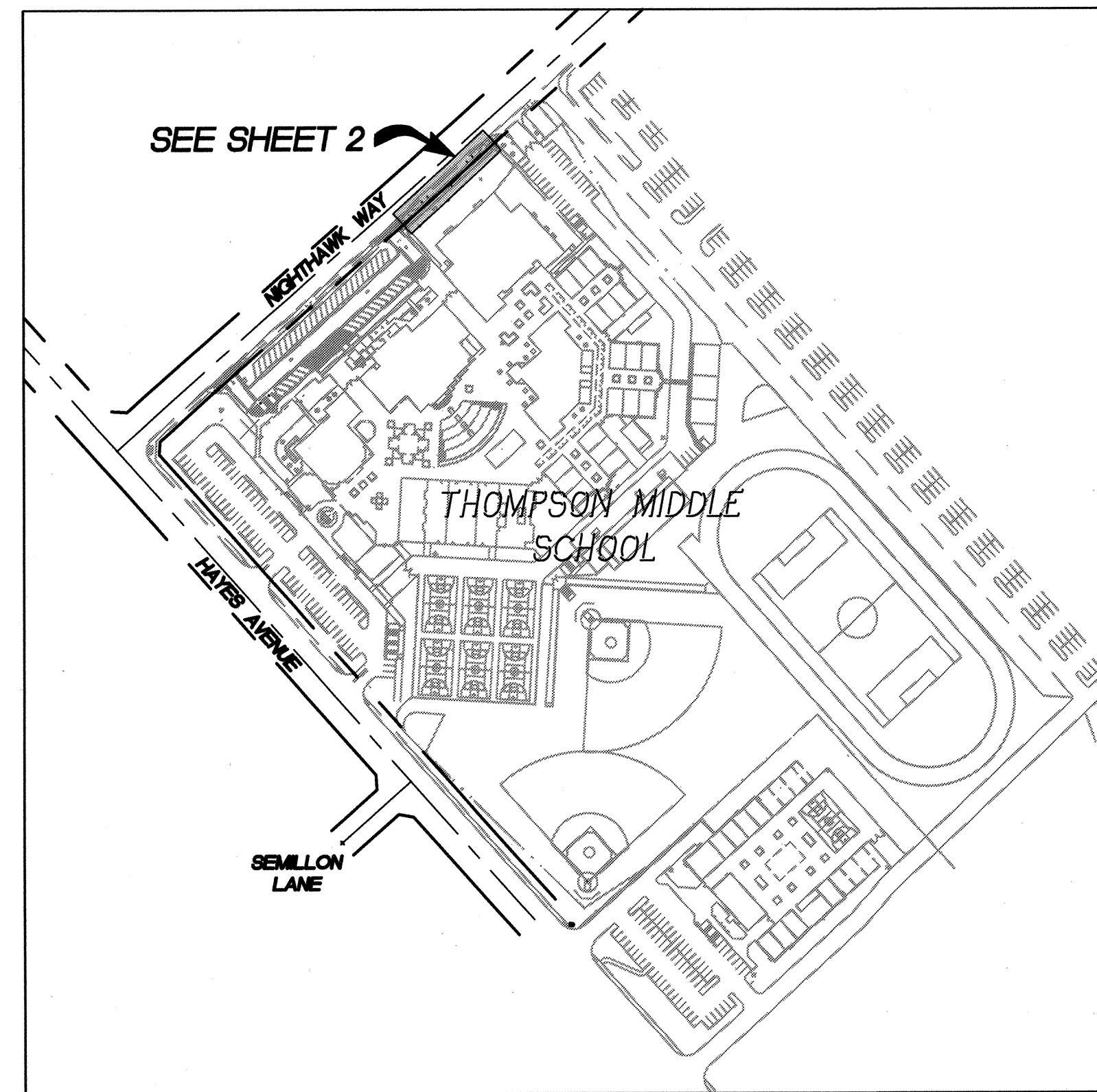
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEARING OF THE PROPOSED WORK AREA AND RELOCATION COST OF ALL EXISTING UTILITIES. PERMITTEE MUST INFORM THE CITY OF CONSTRUCTION SCHEDULE AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. PHONE: (951)461-6028
- TRAFFIC STRIPES, PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS PER FEDERAL HIGHWAY ADMINISTRATION MUTCD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2003 EDITION OR ITS LATEST REVISION) AND CALTRANS MUTCD CALIFORNIA SUPPLEMENT (MAY 20, 2004 OR ITS LATEST REVISION), CALTRANS STANDARD PLANS AND SPECIFICATIONS, LATEST EDITION, CITY OF MURRIETA PUBLIC WORKS DEPARTMENT IMPROVEMENT STANDARDS AND THE LATEST EDITION OF STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK).
- ALL STRIPES, SIGNS, AND PAVEMENT MARKINGS SHALL BE REFLECTORIZED. STENCILS FOR PAVEMENT MARKINGS SHALL MATCH METRIC STANDARD STENCILS EXACTLY. ALL STRIPING AND MARKING DETAILS SHALL MATCH CALTRANS STANDARD PLANS DETAILS.
- ALL CONFLICTING STRIPES AND PAVEMENT MARKINGS SHALL BE REMOVED BY SANDBLASTING. CONFLICTING SIGNS AND RAISED PAVEMENT MARKERS SHALL BE REMOVED. ALL REMOVALS OF SIGNS AND MARKING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR APPLICANT.

SIGNING AND STRIPING NOTES (CONTD.)

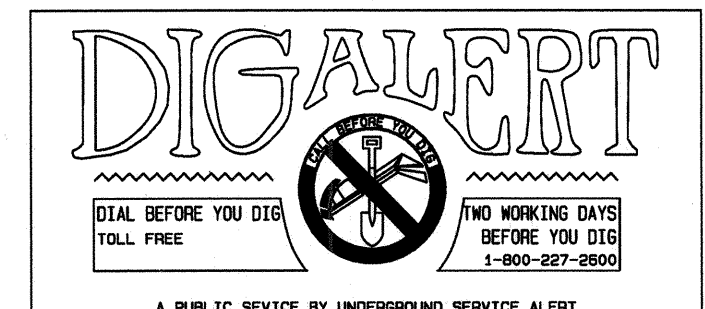
- PAINTED TRAFFIC STRIPES AND PAVEMENT MARKINGS (IF ALLOWED) SHALL BE APPLIED IN TWO COATS. PAVEMENT MARKINGS SHALL BE APPLIED IN THERMOPLASTIC FORMAT UNLESS APPROVED OTHERWISE. (REPAINT 300' IN EACH DIRECTION) (CAT TRACK APPROVAL PRIOR TO STRIPING)
- ALL REMOVED SIGNS SHALL BE SALVAGED AND DELIVERED TO THE CITY YARD AS DIRECTED BY THE CITY INSPECTOR ON THE JOB SITE.
- INSTALLATION OF SIGNING AND STRIPING SHALL BE IN ACCORDANCE WITH THE APPROVED PLAN WITH ALL INCURRED COSTS BORNE BY THE DEVELOPER/APPLICANT.
- RAISED PAVEMENT MARKERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE STRIPING DETAILS SHOWN ON THE SIGNING AND STRIPING PLAN. INSTALLATION SHALL BE COMPLETE WITHIN SEVEN WORKING DAYS OF ROADWAY STRIPING. RAISED PAVEMENT MARKERS ARE TO BE INSTALLED ON ROADWAYS WITH ARTERIAL CLASSIFICATIONS OR HIGHER, OR AS DETERMINED BY THE CITY ENGINEER.
- THE DEVELOPER WILL INSTALL STREET NAME SIGNS CONFORMING TO CITY STANDARD NO. 601.
- BLUE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED TO MARK FIRE HYDRANT AND/OR WATER SUPPLY LOCATIONS AT THE DIRECTION OF THE CITY INSPECTOR FOLLOWING FINAL SEALANT AND STRIPING.
- WORK MAY NOT START UNTIL PERMITS HAVE BEEN OBTAINED.
- THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS WITH UNDERGROUND SERVICE ALERT AT 1-800-422-4133 AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION.
- EQUIPMENT AND MATERIALS SHALL BE STORED IN A NEAT AND PROTECTED MANNER. STORAGE LOCATION WILL BE APPROVED BY CITY INSPECTOR.
- THE CONTRACTOR WILL CONDUCT HIS OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO PUBLIC TRAFFIC, AND SHALL HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN CAN BE EXECUTED PROPERLY. ON EXISTING ROADS, TRAFFIC SHALL BE PERMITTED TO PASS THROUGH THE WORK AREA WITH AS LITTLE INCONVENIENCE AND DELAY AS POSSIBLE. RESTRICTED HOURS MAY BE REQUIRED.
- EXISTING TRAFFIC SIGNALS AND LIGHTING SYSTEMS SHALL BE KEPT IN OPERATION FOR THE BENEFIT OF THE TRAVELING PUBLIC, AND TO MINIMIZE ANY INTERFERENCE WITH ROUTINE MAINTENANCE OF EXISTING SYSTEMS DURING WORK PROGRESS.
- WHENEVER THE CONTRACTOR'S OPERATION CREATES A HAZARDOUS CONDITION TO TRAFFIC OR TO THE PUBLIC, CONTRACTOR SHALL FURNISH AT THEIR OWN EXPENSE, SUCH FLAGMEN AND GUARDS AS ARE NECESSARY TO GIVE ADEQUATE WARNING TO THE PUBLIC OF ANY DANGEROUS CONDITIONS. THE CONTRACTOR SHALL ALSO FURNISH, ERECT AND MAINTAIN SUCH FENCES, BARRICADES, LIGHTS, SIGNS, AND OTHER DEVICES NECESSARY TO PREVENT ACCIDENTS AND INJURY TO THE PUBLIC.
- WHERE SURVEY MONUMENTS EXIST, SUCH MONUMENTS WILL BE PROTECTED OR SHALL BE REFERENCED AND RESET, PURSUANT TO BUSINESS AND PROFESSIONS CODE, SECTIONS 8700 TO 8805 (LAND SURVEYOR'S ACT).
- ALL EXISTING STREET SIGNS, ROADSIDE MARKERS, ETC. SHALL BE PROTECTED AND/OR REPLACED IN KIND TO THE CURRENT CITY STANDARD PLANS AND CURRENT TRAFFIC MANUAL, AT NO COST TO THE CITY.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES, INCLUDING ANY OTHER LINES NOT SHOWN ON THESE PLANS OR NOT OF RECORD.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY TO THE CITY OF MURRIETA ENGINEERING DEPARTMENT, FOR AN ENCROACHMENT PERMIT FOR ALL WORK ON EXISTING CITY MAINTAINED ROADS, AND FOR UTILITY WORK WITHIN OFFERS OF DEDICATION FOR PUBLIC USE.
- APPROVAL OF THESE PLANS BY THE CITY OR ITS AGENTS DOES NOT RELIEVE THE APPLICANT AND HIS ENGINEERS FROM THE RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE APPROPRIATE PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL.
- ANY SERVICE SHUT DOWN SHALL BE DONE AT NIGHT, PRIOR TO ANY SHUT DOWN, THE CONTRACTOR SHALL NOTIFY THE DIRECTOR, ENGINEER, CUSTOMER, FIRE DEPARTMENT, SERVICING WATER DISTRICT, AND ALL OTHERS AFFECTED BY THE SHUT DOWN A MINIMUM OF TWO (2) WEEKS IN ADVANCE.
- ALL STATIONING REFERS TO CENTERLINE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
- THE APPLICANT IS HEREBY NOTICED THAT THEY MUST COMPLY WITH ALL STATE AND FEDERAL ENDANGERED SPECIES LAW. THE CITY OF MURRIETA IS NOT RESPONSIBLE FOR ANY SUCH VIOLATION OF STATE OR FEDERAL ENDANGERED SPECIES LAW DUE TO THE APPLICANT'S NON-COMPLIANCE.
- IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) FOR AN ENCROACHMENT PERMIT FOR ALL WORK PERFORMED WITHIN THE STATE RIGHT-OF-WAY.

LEGEND:

AC	ASPHALT CONCRETE	—	BACK FLOW DEVICE
AB	AGGREGATE BASE	—	FIRE HYDRANT
ADA	AMERICAN DISABILITIES ACT	—	MANHOLE AS NOTED
BFD	BACK FLOW DEVICE	—	POWER POLE
CLF	CHAIN LINK FENCE	—	SIGN
CO	CLEAN OUT	—	TREE
CONC	CONCRETE	—	CONTROL POINT
DDCA	DOUBLE CHECK DETECTOR ASSEMBLY	—	EDGE OF PAVEMENT
ELEC	ELECTRIC	—	GRADED SWALE
ECC	EDGE OF CONCRETE	—	EDGE OF CONCRETE
EP	EDGE OF PAVEMENT	—	EXISTING ELECTRICAL
FF	FINISHED FLOOR	—	EXISTING STORM DRAIN
FG	FINISHED GROUND	—	EXISTING WATER
FH	FIRE HYDRANT	—	PROPOSED AC PAVEMENT
FL	FLOWLINE	—	PROPOSED PCC SURFACE
FDC	FIRE DEPARTMENT CONNECTION	—	GRIND AND OVERLAY
FS	FINISHED SURFACE	—	
HP	HIGH POINT	—	
IE	INVERT (SEWER)	—	
INV	INVERT (SD)	—	
PCC	PORTLAND CEMENT	—	
PIV	POST INDICATOR VALVE	—	
PP	POWER POLE	—	
SW	SIDEWALK	—	
TB	TOP OF BERM	—	
TC	TOP OF CURB	—	
TF	TOP OF FOOTING	—	
TG	TOP OF GRADE	—	
TP	TOP OF PAVEMENT	—	
TW	TOP OF WALL	—	
UTL	UTILITY	—	
WM	WATER METER	—	
WV	WATER VALVE	—	



BENCHMARK:
RIVERSIDE COUNTY DESIGNATION T-57-81 STAMPED ON 3" ALUMINUM DISK IN CONCRETE CYLINDER. FROM THE INT. OF IVY STREET AND WASHINGTON STREET 1.5 MILES NW ON WASHINGTON STREET TO THE INT. OF WASHINGTON AND MAGNOLIA. AT THE N COR. OF THE INT. 36' NE OF WASHINGTON STREET 45' NW OF MAGNOLIA STREET, 2.5' NE OF P.P. 1045825, 5' W OF WEST EDGE BRICK AND WOOD 6"x12" SIGN FOR "DELANEY'S STOCK FARM", 3' W OF OLD 12" STEEL LIGHT POLE, 5' S OF 3 RAIL 5" HIGH WOOD FENCE. SET FIBERGLASS WITNESS POST 1' NORTH OF MONUMENT.



Underground Service Alert
Call: TOLL FREE 1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK DESCRIPTION: AS NOTED
LOCATION: AS NOTED
RECORDED: AS NOTED
ELEVATION: AS NOTED
DATUM: AS NOTED

"AS BUILT"
THE RECEIPT OF AS-BUILT PLANS AND CITY'S ACCEPTANCE THEREOF DOES NOT ABSOLVE THE ENGINEER OF WORK OF ANY RESPONSIBILITY FOR THE PROJECT DESIGN.

ENGINEER OF WORK: _____ DATE: _____
RCE NO.: _____ EXPIRATION DATE: _____

APPROVED FOR SIGNATURE: [Signature] DATE: 7/20/16
JEFFREY M. MOEHLING
CITY OF MURRIETA
RCE NO. 58994 EXP. 6/30/17

SEAL: [Professional Engineer Seal]

SCALE: HORIZONTAL
AS NOTED
VERTICAL
AS NOTED

EPIC ENGINEERS
ENGINEERING PLANNING
101 E. REDLANDS BOULEVARD
SUITE 148
REDLANDS, CA 92373
TELE 909-792-5969
FAX 909-792-8869

PREPARED BY: [Signature] DATE: 07/13/2016
TROY D. MOLAUG
RCE NO. 59118 EXP. DATE 06/30/2017

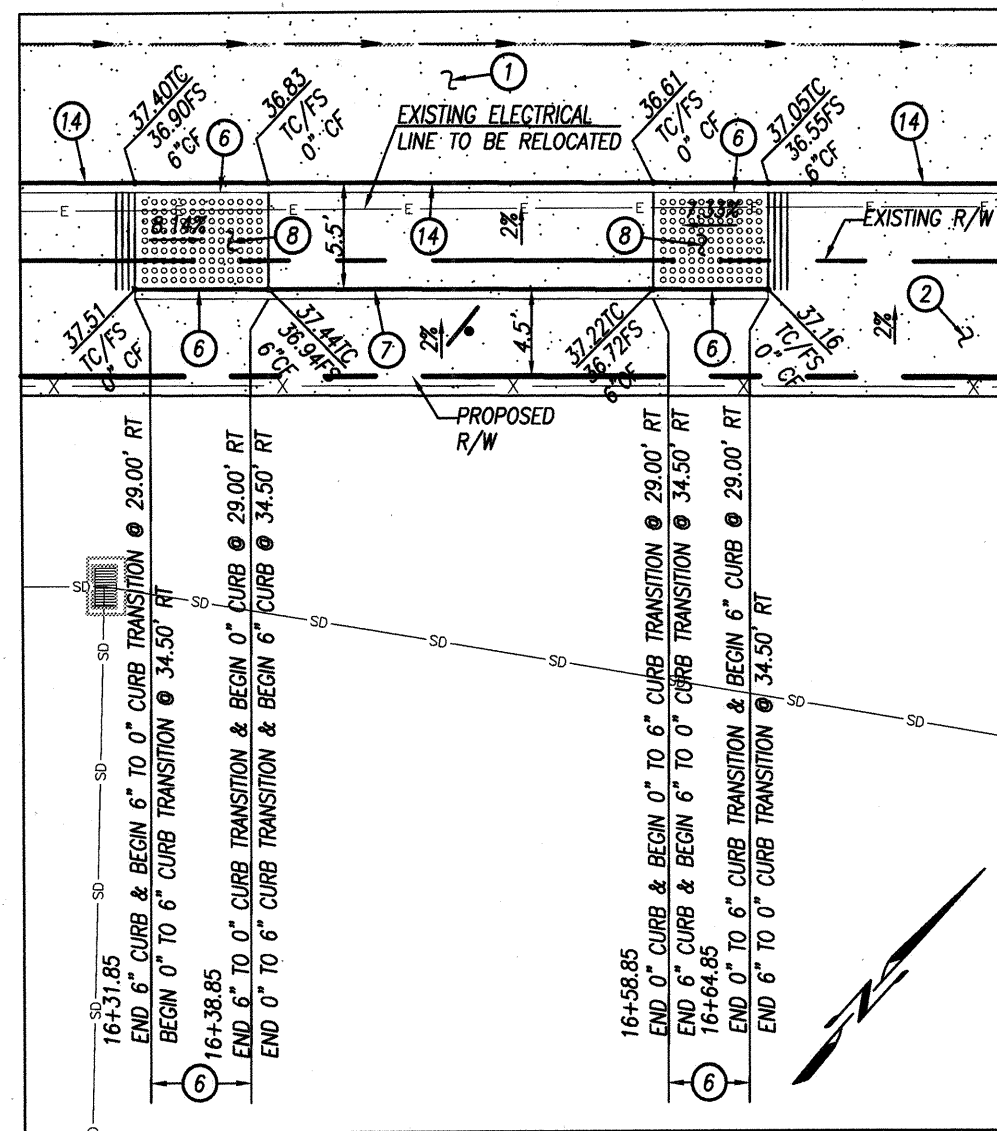
REVISION DESCRIPTION	SHT. NO.	DATE	INITIAL

SHEET 1 CITY OF MURRIETA ENGINEERING DEPARTMENT SHEETS 2

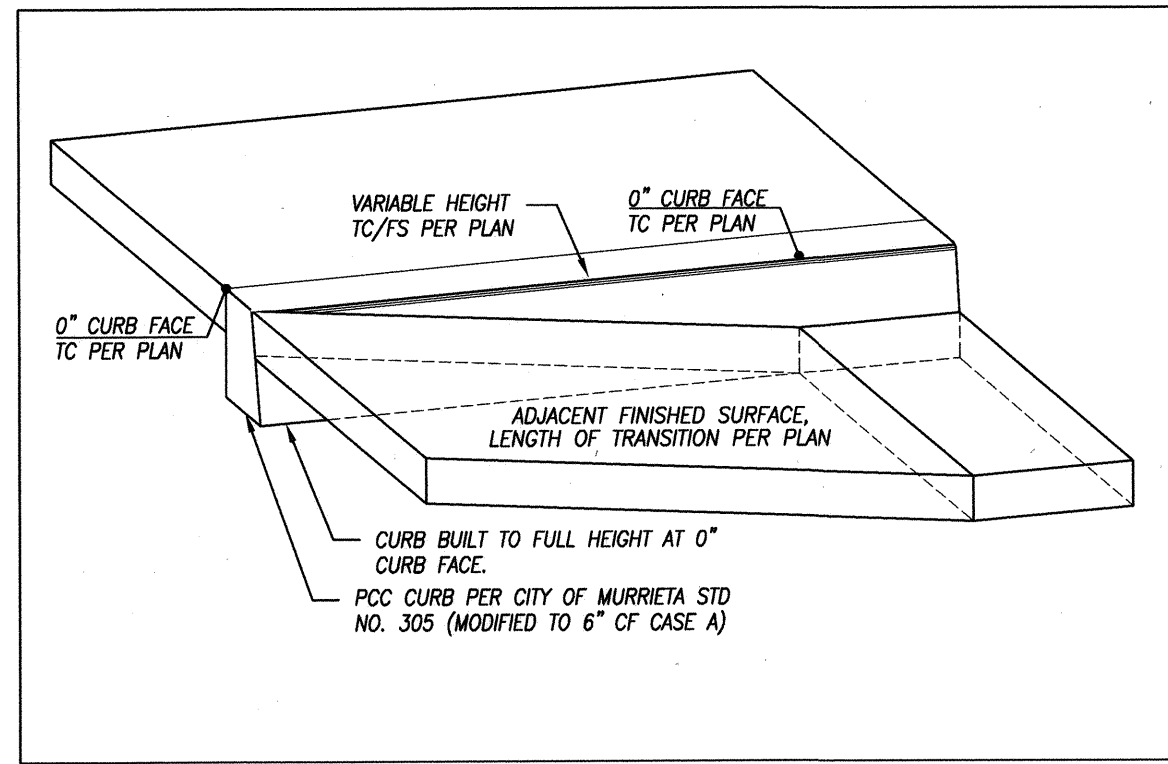
THOMPSON MIDDLE SCHOOL STREET IMPROVEMENTS FOR NIGHTHAWK WAY - BUS DROP OFF TITLE SHEET

APPROVED: [Signature] DATE: 7/20/16
ROBERT K. MOEHLING
CITY ENGINEER RCE 63056

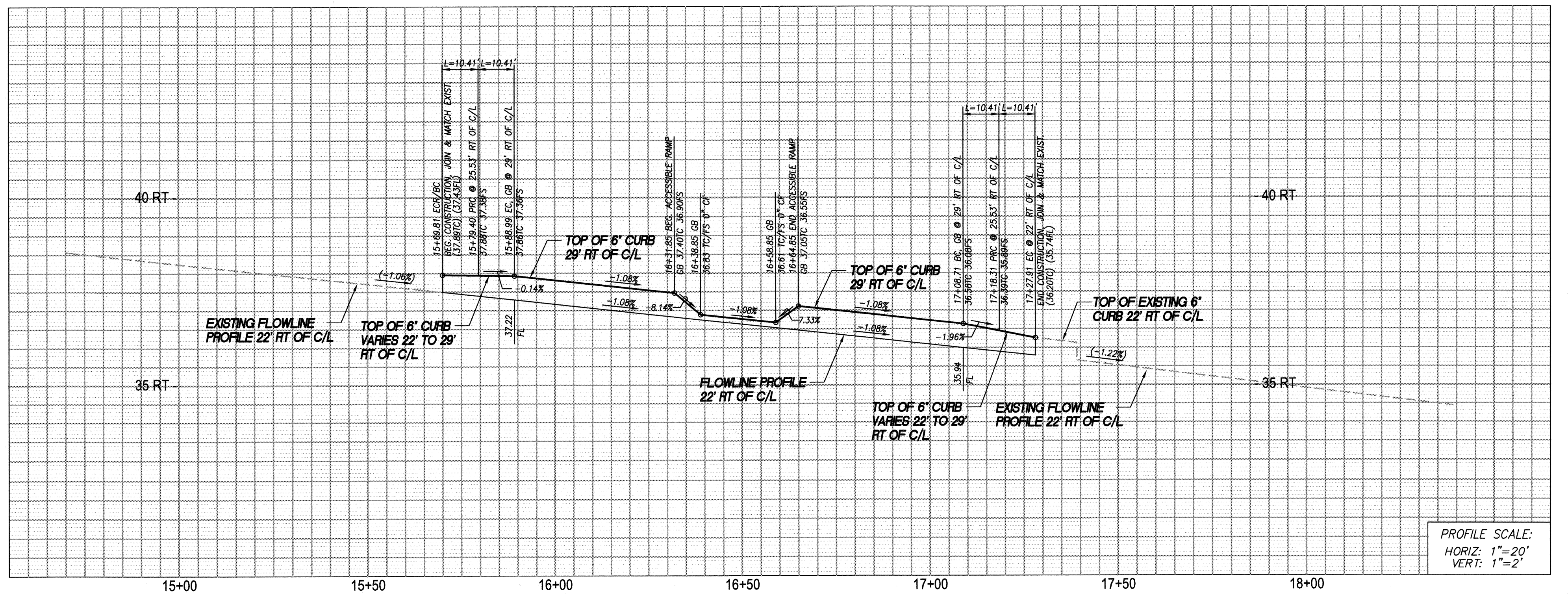
DOWN BY: SIM PROJECT NO. 2016-861 DRAWING NO. 16-212
CHKD BY: RAR
FIELD BK: [Signature]



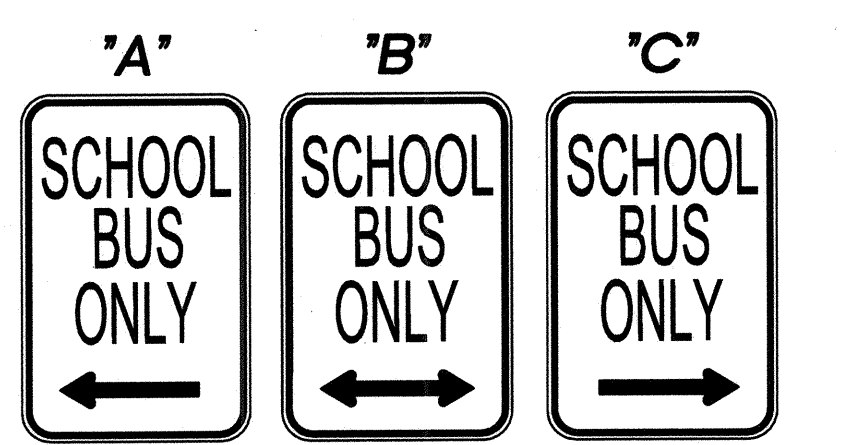
DETAIL 'A'
SCALE: 1"=10'



DETAIL 'B'
0" TO 6" PCC CURB TRANSITION
NOT TO SCALE

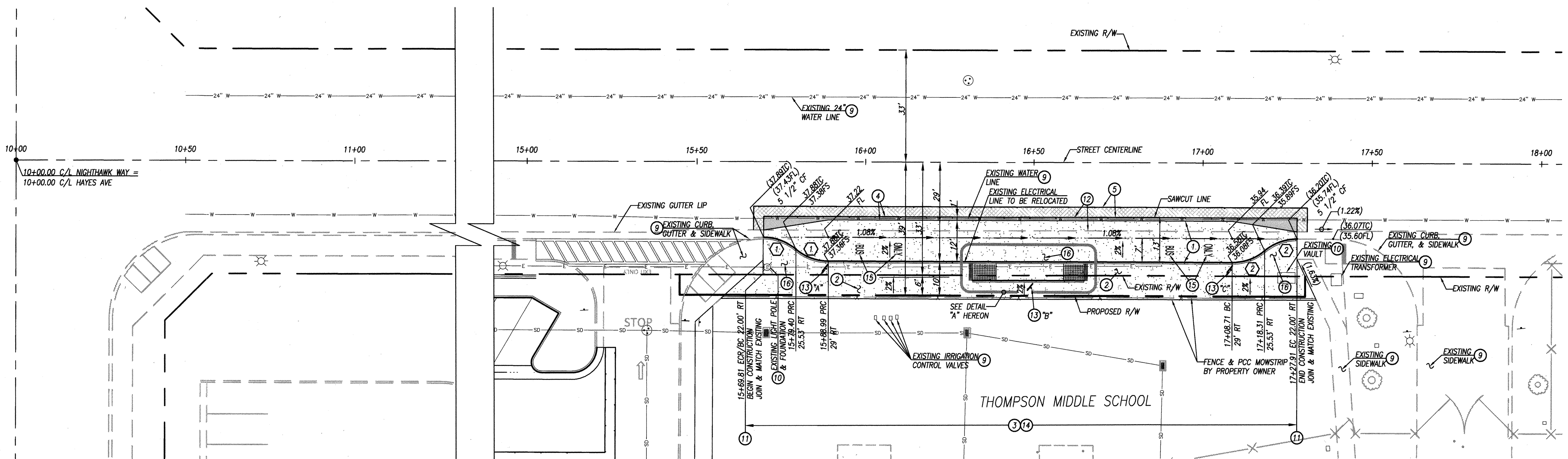


PROFILE SCALE:
HORIZ: 1"=20'
VERT: 1"=2'



DETAIL 'C'
R24a (CA) 'SCHOOL BUS ONLY' SIGN
NOT TO SCALE

HAYES AVE



NIGHTHAWK WAY

CONSTRUCTION NOTES

1. CONSTRUCT BUS TURNOUT 12" PCC CONCRETE OVER 6" C.A.B. PER CITY OF MURRIETA STD. NO. 217 (WITH MODIFIED TRANSITIONS)
2. CONSTRUCT 4" PCC SIDEWALK PER CITY OF MURRIETA STD. NO. 320 (MODIFIED WIDTH PER PLAN)
3. SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER AND SIDEWALK
4. CONSTRUCT 4" AC OVER 12" C.A.B.
5. COLD PLANE GRIND 0.12" & AC OVERLAY 0.12"
6. CONSTRUCT 0" TO 6" PCC (560-C-3250) CURB TRANSITION PER DETAIL "B" ON SHEET 2
7. CONSTRUCT 6" CURB PER CITY OF MURRIETA STD. NO. 305 (MODIFY TO 6" C.F., CASE A)
8. CONSTRUCT TRUNCATED DOMES & GROOVING DETAIL PER CITY OF MURRIETA STD. NO. 321A
9. PROTECT IN PLACE
10. ADJUST TO GRADE
11. JOIN & MATCH FLUSH
12. SAWCUT, REMOVE, AND DISPOSE OF EXISTING AC/AB
13. FURNISH AND INSTALL R24a "SCHOOL BUS ONLY" ON SIGN POST PER CITY OF MURRIETA STD. 612a SEE DETAIL "C" ON SHEET 2
14. PAINT CURB RED (2 COATS)
15. APPLY WHITE "BUS ONLY" THERMOPLASTIC PAVEMENT MARKERS PER CALTRANS STD. PLAN A24E
16. REMOVE AND DISPOSE OF TURF

BENCH MARK:

RIVERSIDE COUNTY DESIGNATION T-57-81 STAMPED ON 3" ALUMINUM DISK IN CONCRETE CYLINDER, FROM THE INT. OF IVY STREET AND WASHINGTON STREET 1.5 MILES NW ON WASHINGTON STREET TO THE INT. OF WASHINGTON AND MAGNOLIA, AT THE N COR. OF THE INT. 36' NE OF WASHINGTON STREET 45' NW OF MAGNOLIA STREET, 2.5' NE OF P.L.P. #0745825, 5' W OF WEST EDGE BRICK AND WOOD 6"x12" SIGN FOR "DELANEY'S STOCK FARM", 3' W OF OLD 12' STEEL LIGHT POLE, 5' S OF 3 RAIL 5' HIGH WOOD FENCE. SET GLASS WITNESS POST 1' NORTH OF MONUMENT.

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK
DESCRIPTION: AS NOTED
LOCATION: AS NOTED
RECORDED:
ELEVATION: AS NOTED
DATUM: AS NOTED

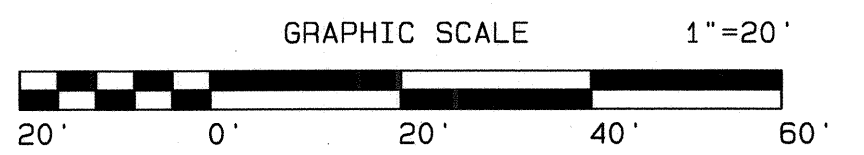
APPROVED FOR SIGNATURE
[Signature]
DATE: 7/20/16
CITY OF MURRIETA
RCE NO. 58994 EXP. 6/30/17

NOTICE TO CONTRACTOR:
REMOVAL OF TURF AND/OR SHRUBS WILL REQUIRE A RECONFIGURATION OF THE IRRIGATION SYSTEM. CONTRACTOR SHALL REMOVE, ADD, MOVE OR REPLACE IRRIGATION LINES, VALVES, SPRINKLER HEADS, CONTROLLERS, VALVE BOXES OR ANY OTHER IRRIGATION RELATED ITEM, AS NECESSARY TO LEAVE THE IRRIGATION SYSTEM IN A FULLY FUNCTIONAL MANNER, PROVIDING ALL TURF AND/OR SHRUBS WITH ADEQUATE IRRIGATION COVERAGE.

NOTICE TO CONTRACTOR:
CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ALL WORK WITHIN PUBLIC RIGHT OF WAY PRIOR TO CONSTRUCTION.

NOTICE TO CONTRACTOR:
CONTRACTOR TO POTHOLE AND PROTECT IN PLACE EXISTING ELECTRICAL LINES FROM DAMAGE DURING STREET GRADING OPERATION.

CURVE #	LENGTH	RADIUS	TANGENT	CHORD DIRECTION
1	10.41'	15.00'	5.42'	39°45'17"
2	10.41'	15.00'	5.43'	39°46'45"



"AS BUILT"
THE RECEIPT OF AS-BUILT PLANS AND CITY'S ACCEPTANCE THEREOF DOES NOT ABSOLVE THE ENGINEER OF WORK OF ANY RESPONSIBILITY FOR THE PROJECT DESIGN.
ENGINEER OF WORK: _____ DATE: _____
RCE NO. _____ EXPIRATION DATE: _____

SEAL:
EPIC ENGINEERS
CIVIL ENGINEERING
PLANNING
101 E. REDLANDS BOULEVARD
SUITE 148
REDLANDS, CA 92373
TELE 909-792-5969
FAX 909-792-8869

SCALE:
HORIZONTAL: 1"=20'
VERTICAL: 1"=2'
PREPARED BY: TROY D. MOLAUG
DATE: 07/13/2016
RCE NO. 59118 EXP. DATE 06/30/2017

DATE	INITIAL	REVISION DESCRIPTION	SHT. NO.	DATE	INITIAL	CITY APPROVAL

SHEET 2
CITY OF MURRIETA
ENGINEERING DEPARTMENT
SHEETS 2
THOMPSON MIDDLE SCHOOL
STREET IMPROVEMENTS FOR
NIGHTHAWK WAY - BUS DROP OFF
STA- 15+69.81 - 17+27.91
APPROVED: ROBERT K. MOEHLING
CITY ENGINEER
DATE: 7/20/16
PROJECT NO.: 2016-001
DRAWING NO.: 16-213

July 12, 2016 at 12:25pm J:\08.111.MVUSD.Thompson.Middle.School\Civil.3D.Street.Improvement.Plan\ST-SHT_02.dwg by steven on SYSTEM18