CITY OF MILPITAS

SOUNDWALL RENOVATIONS 2015

JACKLIN ROAD @ HILLVIEW DRIVE AND DEL RIO COURT

Project No. 4267

*16

GENERAL NOTES:

1. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, USE SIMILAR DETAILS OF CONSTRUCTION, SUBJECT TO REVIEW BY THE STRUCTURAL ENGINEER.

2. DETAILS ON SHEETS TITLED "TYPICAL DETAILS" APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. SUCH DETAILS ARE NOT NOTED AT EACH LOCATION THAT THEY OCCUR.

3. ANY OBSERVATION VISITS TO THE JOB SITE BY THE STRUCTURAL ENGINEER OR A FIELD REPRESENTATIVE SHALL BE CONSTRUED AS NEITHER INSPECTION NOR APPROVAL OF ANY CONSTRUCTION WORK.

4. IN ORDER TO CONDUCT PROPER FIELD OBSERVATION, THE CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER OF THE VARIOUS CONSTRUCTION PHASES.

5. SITE FEATURES, STRUCTURES, FENCES AND LANDSCAPING SHALL BE PROTECTED IN PLACE AND RESTORED TO THEIR ORIGINAL CLEAN CONDITION AFTER COMPLETION OF WORK.

6. PRIME AND PAINT BOTH SIDES OF ALL WALLS AND PILASTERS INCLUDING TOP OF WALL AND PILASTER. PROTECT AREA FROM OVERSPRAY INCLUDING SIDEWALK, SPRINKLER HEADS, PRIVATE PROPERTY FURNISHINGS, STRUCTURES AND LANDSCAPING.
   FOR JACKLIN ROAD @ HILLVIEW DRIVE:
   A. PAINT AND SEAL BOTH SIDES OF WALL INCLUDING TOP AND SIDES WHERE ACCESSIBLE.
   B. PAINT COLORS SHALL CLOSELY MATCH EXISTING COLORS.

   PRIMER: KELLYMOORE 247 ACRY-SHIELD
   PAINT: KELLYMOORE 1119 ELASTAKOTE 100% ACRYLIC LOW SHEEN ELASTOMERIC COATING, COLOR "CUSTOM CLOLOR 13-1618-0814" KELLYMOORE #19-100-56
   NOTE: COLOR TO MATCH EXISTING COLOR. THE LISTED COLOR ID# IS FOR REFERENCE ONLY.

PUBLIC SAFETY AND CONVENIENCE:

1. ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE DRAWINGS AND SPECIFICATIONS, LATEST STANDARDS, AND ORDINANCES OF THE CITY OF MILPITAS AND THE STATE OF CALIFORNIA. STANDARD DRAWINGS AND DETAILS ARE AVAILABLE AT THE ENGINEERING DEPARTMENT. *(408) 586-3300.*

2. PROJECT ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUB-CONTRACTORS.

3. CONTRACTOR SHALL PROVIDE ADEQUATE TRAFFIC CONTROLS INCLUDING FLAG PERSONS PER SPECIFICATIONS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO THE START OF WORK WITHIN THE PUBLIC RIGHT OF WAY. THE CITY RESERVES THE RIGHT TO REQUIRE MODIFICATIONS TO THE APPROVED PLAN IN THE FIELD.

4. ALL EXISTING UTILITIES, LANDSCAPING, AND PROPERTY, SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.

5. SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING TRAFFIC, PUBLIC SAFETY, WORKER SAFETY AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE FOR ALL NECESSARY CONTINUOUS SAFETY REVIEWS OF THE CONDITIONS. WHENEVER THE CONTRACTOR'S OPERATIONS CREATE A CONDITION HAZARDOUS TO TRAFFIC OR PUBLIC, CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN APPROPRIATE TRAFFIC SAFETY DEVICES AND SIGNAGE TO PREVENT ACCIDENTS OR DAMAGE OR INJURY TO THE PUBLIC.

6. CONTRACTOR SHALL PROVIDE ALL RESIDENCES ADVANCE NOTICE OF ACCESS NEEDS FOR SOUNDWALL WORK IN ACCORDANCE WITH SPECIFICATIONS REQUIREMENTS. REFER TO SPECIFICATIONS, SECTION E-1.

7. CONTRACTOR SHALL MAINTAIN THE PROJECT SITE IN A NEAT AND PROFESSIONAL CONDITION AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL DEBRIS AND EQUIPMENT AT THE END OF EACH WORKING DAY.

8. CONTRACTOR SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND REGULATIONS BY THE CITY, STATE & FEDERAL.

CONSTRUCTION OPERATIONS:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UTILITIES PRIOR TO STARTING WORK. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION TO FIELD LOCATE UTILITIES AS NEEDED. CONTACT UNDERGROUND SERVICE ALERT (USA) AT 800-227-2600 AND OBTAIN A REFERENCE NUMBER. ANY ADDED COST ON THE PART OF THE CONTRACTOR AS A RESULT OF THE ACTUAL LOCATIONS OF EXISTING UTILITIES BEING DIFFERENT FROM THOSE SHOWN ON THE PLANS SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT UNIT PRICE.

2. CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF SECTION D-05, "SOUND CONTROL" OF THE PROJECT SPECIFICATIONS. FURTHER, BY CITY OF MILPITAS ORDINANCE, THE CONTRACTOR SHALL NOT ENGAGE OR PERMIT OTHERS TO ENGAGE IN ANY CONSTRUCTION RELATED OPERATIONS INCLUDING DELIVERY OF MATERIALS AND/OR EQUIPMENT TO OR FROM THE CONSTRUCTION SITE EXCEPT WITHIN THE HOURS OF 8:00 AM TO 7:00 PM ON WEEKDAYS AND WEEKENDS. NO CONSTRUCTION IS PERMITTED ON THE FOLLOWING HOLIDAYS: NEW YEARS DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, AND CHRISTMAS DAY. WORK HOURS ARE 8:00 AM TO 5:00 PM, MONDAY TO FRIDAY UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE CITY ENGINEER.

3. CONTRACTOR SHALL COMPLY WITH THE CITY'S NON-POINT SOURCE POLLUTION PREVENTION ORDINANCE AND THE STORM WATER POLLUTION PREVENTION PLAN BEST MANAGEMENT PRACTICES (BMP) FOR THIS PROJECT.

4. CONTRACTOR SHALL MEET WITH PROJECT INSPECTOR AND SIGN OFF QUANTITIES WITHIN 48 HOURS OF COMPLETING EACH SEGMENT.

5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES AND SHALL OBTAIN AN APPROVED CHANGE ORDER PRIOR TO EXCEEDING ESTIMATED QUANTITIES.

6. SIDEWALKS, PEDESTRIAN AND PRIVATE PROPERTY AREAS SHALL BE SWEPT CLEAN AT THE END OF EACH DAY.

7. SIDEWALKS AND DRIVEWAYS SHALL NOT BE BLOCKED WITHOUT PRIOR APPROVAL FROM THE CITY ENGINEER.

STORM WATER POLLUTION PREVENTION AND EROSION CONTROL:

1. REFER TO PROJECT SPECIFICATIONS FOR REQUIREMENTS FOR THIS PROJECT.

2. CONTRACTOR SHALL SUBMIT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND SECURE CITY APPROVAL OF THE SWPPP PRIOR TO MOBILIZATION TO THE PROJECT SITE.

3. SWPPP BMPs SHALL BE IN PLACE PRIOR TO START OF WORK.

4. ALSO REFER TO SHEET BMP-1.

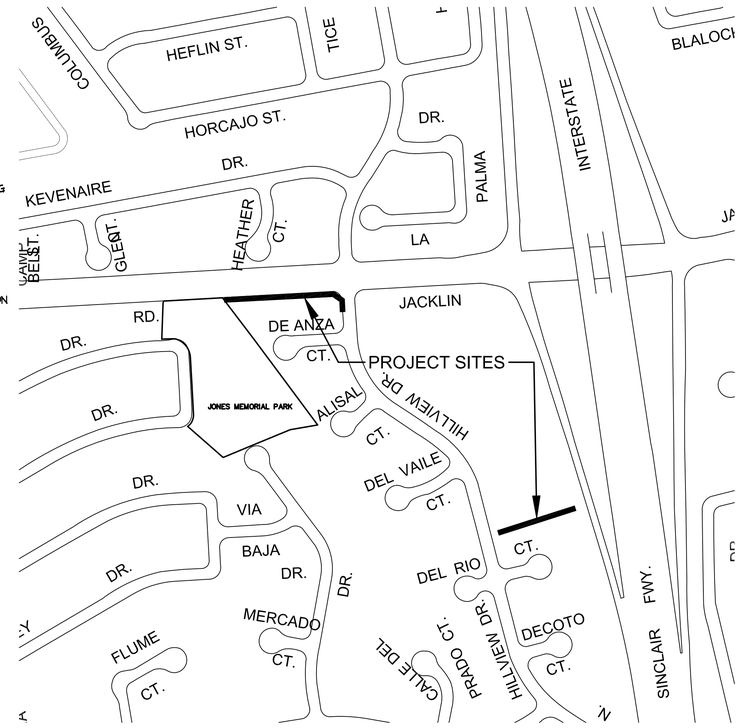
LOCATION OF UTILITIES:

LOCATION OF UTILITIES SHOWN IS ONLY APPROXIMATE. DETERMINATION OF THE ACTUAL LOCATION IS THE RESPONSIBILITY OF THE CONTRACTOR.

CONTACT USA 1-800-227-2600

NOTE: CONTRACTOR LICENSE

A PRIME CONTRACTOR BIDDING ON THIS PROJECT SHALL POSSESS A CLASS A OR C33 LICENSE FROM THE CONTRACTOR STATE LICENSE BOARD.



PROJECT NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION. ANY CONFLICT WITH THE DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.

2. CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID DAMAGING EXISTING CONCRETE, REINFORCING, LANDSCAPING AND PRIVATE PROPERTY DURING CONSTRUCTION.

SYMBOLS:

- INDICATES PROPERTY LINE
- INDICATES RIGHT OF WAY
- INDICATES CONCRETE WALL WITH PILASTERS
- INDICATES EASEMENT
- INDICATES CENTERLINE OR STA LINE
- INDICATES TEMPORARY FENCE
- ± INDICATES AN APPROXIMATE DIMENSION OR ELEVATION. THE CONTRACTOR IS TO VERIFY INFORMATION AS REQUIRED TO COMPLETE CONSTRUCTION.

ABBREVIATIONS:

@	AT	EMB	EMBEDMENT	OH	OPPOSITE HAND
ø	DIAMETER	EL	ELEVATION	PL	METAL PLATE
#	NUMBER	EQ	EQUAL	PSF	POUNDS PER SQUARE FOOT
AB	ANCHOR BOLT	EW	EACH WAY	PSI	POUNDS PER SQUARE INCH
ACP/AWCP	ASBESTOS CONCRETE WATER PIPE	FN	FINISH(ED)	PSUE	PUBLIC SERVICE UTILITY EASEMENT
APPROX	APPROXIMATE	FND	FOUNDATION	RAD OR R	RADIUS
ALT	ALTERNATE	FOC	FACE OF CONCRETE/CURB	REINF	REINFORCED, REINFORCING
AWS	AMERICAN WELDING SOCIETY	FOM	FACE OF MASONRY	REQ'D	REQUIRED
BLDG	BUILDING	FS	FAIR SIDE	REV	REVISION
BMPs	BEST MANAGEMENT PRACTICES	FTG	FOOTING	SCHED	SCHEDULE
BOT	BOTTOM	GA	GAUGE	S.E.	SEWER EASEMENT
BOF	BOTTOM OF FOOTING	GALV	GALVANIZED	SHT	SHEET
℄	CENTER LINE	HDR	HEADER	SHTG	SHEETING
CBC	CALIFORNIA BUILDING CODE	HORIZ	HORIZONTAL	SIM	SIMILAR
CDH	CAST IN DRILLED HOLE	HT	HEIGHT	SLPE	SLOPE EASEMENT
CDF	CONTROL DENSITY FILL PER CALTRANS STD. SPECS.	INSP	INSPECTION/INSPECTOR	SPEC(S)	SPECIFICATION(S)
		LOC	LOCATION	SQ	SQUARE
CJ	CONSTRUCTION JOINT	LONGT	LONGITUDINAL	STA	STATION
CLR	CLEAR	MB	MACHINE BOLT(S)	STAGG	STAGGERED
CMU	CONCRETE MASONRY UNIT	MAX	MAXIMUM	STD	STANDARD
COL	COLUMN	MFR,		SYM	SYMETRICAL
CONC	CONCRETE	OR MANUF.	MANUFACTURER	TBR	TO BE REMOVED
CONN	CONNECTION	MIN	MINIMUM	T.O.	TOP OF
CONST	CONSTRUCTION	MISC	MISCELLANEOUS	TOF	TOP OF FOOTING
CONT	CONTINUOUS	NIC	NOT IN CONTRACT	T.O.W.	TOP OF WALL
DBL	DOUBLE	NO.	NUMBER	TYP	TYPICAL
DET	DETAIL	NOM	NOMINAL	U.N.O.	UNLESS NOTED OTHERWISE
DIAG	DIAGONAL	NS	NEAR SIDE	VERT	VERTICAL
DIM	DIMENSION	NTS	NOT TO SCALE	V.I.F.	VERIFY IN FIELD
DWG	DRAWING	OC	ON CENTER	W/	WITH
(E)	EXISTING	OD	OUTSIDE DIAMETER	W.M.E.	WALL MAINTENANCE EASEMENT
EA	EACH				

DRAWING INDEX:

T1	COVER SHEET
T2	GENERAL NOTES
BMP1	BLUEPRINT FOR A CLEAN BAY / BEST MANAGEMENT PRACTICES FOR CONSTRUCTION INDUSTRY
S1	JACKLIN ROAD SOUNDWALL REPAIR PLAN
S2	DEL RIO COURT SOUNDWALL REPLACEMENT PLAN
S3	JACKLIN ROAD SOUNDWALL REPAIR DETAILS
S4	DEL RIO COURT PRECAST CONCRETE SOUNDWALL
Sv1a	JACKLIN ROAD SOUNDWALL PHOTO SURVEY KEY PLAN
Sv1b	DEL RIO COURT SOUNDWALL PHOTO SURVEY KEY PLAN
Sv2	JACKLIN ROAD SOUNDWALL SURVEY PHOTOS
Sv3	JACKLIN ROAD SOUNDWALL SURVEY PHOTOS
Sv4	JACKLIN ROAD SOUNDWALL SURVEY PHOTOS
Sv5	DEL RIO COURT SOUNDWALL SURVEY PHOTOS
Sv6	DEL RIO COURT SOUNDWALL SURVEY PHOTOS
Sv7	DEL RIO COURT SOUNDWALL SURVEY PHOTOS

100% SUBMITTAL

COVER SHEET

Landtech Consultants
Civil & Structural Engineers
3845 Beacon Avenue Suite D
Fremont, CA 94538
(510) 505-9501
Fax (510) 505-9503
http://www.landtech.com

REGISTERED PROFESSIONAL ENGINEER KAMAL S. OBEID No. 2826 Exp. SEP. 30, 2015 STRUCTURAL STATE OF CALIFORNIA

Record Drawings

Project Engineer: _____ Date: _____

Designer: _____ Date: _____

Public Works Inspector: _____ Date: _____

Public Improvements Initially Accepted by the City Council on: _____

Drawn By: DD Date: 3/24/2015

Checked By: KSO Date: 3/24/2015

Designed By: KSO Date: 3/24/2015

Revisions

Num.	Description	Engr. Aprv.	Date

CITY OF MILPITAS CALIFORNIA JANUARY 26, 1954

CITY OF MILPITAS
ENGINEERING DIVISION
2014 SOUNDWALL RENOVATION
JACKLIN ROAD @ HILLVIEW DRIVE & DEL RIO COURT

RECOMMENDED FOR BIDDING BY: _____ DATE: _____
Steve Erickson, PE
CIP Manager

RECOMMENDED FOR BIDDING BY: _____ DATE: _____
STEVEN J. MACHIDA, PE
DIRECTOR OF ENGINEERING/CITY ENGINEER

PROJECT NO.

DRAWING NO. T1

E.P. NO.

SCALE: