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3/19/2007

GENERAL SITE NOTES

- CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING ON THIS WORK AND CONSIDER THE EXISTING CONDITIONS AND SITE CONSTRAINTS IN THE BID. CONTRACTOR SHALL BE IN THE POSSESSION OF AND FAMILIAR WITH ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS AND SPECIFICATIONS PRIOR TO SUBMITTING OF A BID.
- PRIOR TO BEGINNING WORK, AND AFTER INITIAL HORIZONTAL CONTROL STAKING, CONTRACTOR SHALL FIELD CHECK ALL ELEVATIONS MARKED WITH AND REPORT ANY DISCREPANCIES GREATER THAN 0.05' TO CONSTRUCTION PROJECT MANAGER.
- DAMAGE TO ANY EXISTING SITE IMPROVEMENTS, UTILITIES AND/OR SERVICES TO REMAIN SHALL BE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
- CONTRACTOR SHALL REPLACE ALL STRUCTURES AND GRATE LIDS FOR VAULTS, CATCH BASINS, ETC., WITH VEHICULAR-RATED STRUCTURES IN ALL TRAFFIC ACCESSIBLE AREAS. GRATES AND LIDS IN THE PEDESTRIAN TRAVELED WAY SHALL BE NON-SKID, HEEL-PROOF AND ADA COMPLIANT.
- THE CONTRACTOR SHALL ADJUST TO FINAL GRADE ALL EXISTING AND/OR NEW MANHOLES, CURB INLETS, CATCH BASINS, VALVES, MONUMENT COVERS, AND OTHER CASTINGS WITHIN THE WORK AREA TO FINAL GRADE IN PAVEMENT AND LANDSCAPE AREAS UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
- EXISTING PEDESTRIAN WALKWAYS, BIKE PATHS AND ACCESSIBLE PATHWAYS SHALL BE MAINTAINED, WHERE FEASIBLE, DURING CONSTRUCTION.
- IF A CONFLICT ARISES BETWEEN THE SPECIFICATIONS AND THE PLAN NOTES, THE MORE STRINGENT QUALITY AND/OR QUANTITY REQUIREMENT SHALL GOVERN.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE INSTALL FACILITIES BY PG&E, AT&T, AND CABLE TV INSTALLATION. VALVE BOXES AND MANHOLES, AND STRUCTURES TO BE SET TO GRADE IN CONCRETE AFTER PAVING.
- ALL STREET MONUMENTS AND OTHER PERMANENT MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BEFORE ACCEPTANCE OF THE IMPROVEMENT BY THE CITY ENGINEER.
- THE CONTRACTOR SHALL GIVE THE CITY ENGINEER AND OWNER TWO (2) WORKING DAYS ADVANCE NOTICE FOR INSPECTION SERVICES.
- NO TREES 12" IN DIAMETER OR LARGER MEASURED BETWEEN 10" AND 36" ABOVE GRADE, SHALL BE REMOVED WITHOUT THE WRITTEN CONSENT OF THE CITY ENGINEER. TREE REMOVALS, IF NECESSARY, SHALL CONFORM TO THE CITY TREE REMOVAL ORDINANCE.
- FOR LANE CLOSURES, THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN AND OBTAIN APPROVAL OF THE CITY ENGINEER BEFORE COMMENCING WORK. THE CONTRACTOR SHALL ALSO PROVIDE FLAGMEN, CONES OR BARRICADES, AS NECESSARY TO CONTROL TRAFFIC AND PREVENT HAZARDOUS CONDITIONS PER THE CALIFORNIA STANDARD PLANS, SPECIFICATIONS, AND MANUAL ON TRAFFIC CONTROL DEVICES, LATEST EDITION.
- THE CONTRACTOR SHALL LEAVE A 24-HOUR EMERGENCY TELEPHONE NUMBER WITH POLICE, FIRE AND PUBLIC WORKS DEPARTMENTS, AND KEEP THEM INFORMED DAILY OF DETOURS.
- STANDARD CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO BETWEEN 8:00 A.M. AND 5:00 P.M., MONDAY THROUGH FRIDAY, CONTRACTOR SHALL REFERENCE CITY OF LOS ALTOS CONSTRUCTION NOISE STANDARDS, TO COMPLY WITH TITLE 20 REQUIREMENTS. FOR ANY EXCEPTIONS, CONTRACTOR SHALL OBTAIN APPROVAL IN WRITING, BY THE OWNER AND CITY.
- CONSTRUCTION FENCING AND FIBER ROLL SHOWN ON THIS PLAN WILL BE PHASED, AS NEEDED, AND COORDINATED BY THE CONTRACTOR'S QUALIFIED SWPPP DEVELOPER/PRACTITIONER.

STATEMENT OF RESPONSIBILITY

- THE LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIESAS SHOWN ON THIS PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WLL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). CONTRACTOR SHALL VERIFY LOCATION AND DEPTH PRIOR TO ANY EXCAVATION OR IMPROVEMENT.
- CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FOR LOCATION OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT ON- PHONE (800) 642-2444. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY WORK ON THIS SITE.
- THESE DRAWINGS DO NOT ADDRESS CONTRACTOR MEANS, METHODS OR PROCESSES THAT MAY BE ASSOCIATED WITH ANY TOXIC SOILS IF FOUND ON SITE, THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL CITY AND COUNTY STANDARDS AND APPROPRIATE REGULATIONS IF TOXIC SOILS ARE ENCOUNTERED. CONTRACTOR MUST NOTIFY THE CONSTRUCTION PROJECT MANAGER IMMEDIATELY IF ANY SOILS ARE EVEN SUSPECTED OF BEING CONTAMINATED.
- CONTRACTOR AGREES THAT THEY 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. THE CONTRACTOR SHALL DEFEND INDEMNIFY AND HOLD THE CONSULTING ENGINEER AND THE CITY 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 CONSULTING ENGINEER.
- ELEVATIONS AND LOCATIONS OF ALL EXISTING UTILITY CROSSINGS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO START OF ANY CONSTRUCTION AFFECTING SAID LINES. CONTRACT UNDERGROUND SERVICE ALERT AT (800) 642-2444 AT LEAST TWO (2) WORKING DAYS PRIOR TO EXCAVATION. THE UTILITIES SHOWN ON THE PLANS ARE BASED UPON RECORD INFORMATION. HOWEVER, THE CIML DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OR ACTUAL LOCATIONS.
- CONTRACTOR SHALL COMPLY WITH STATE, COUNTY AND CITY LAWS AND ORDINANCES; AND REGULATIONS OF THE DEPARTMENT OF INDUSTRIAL RELATIONS, OSHA AND INDUSTRIAL ACCIDENT COMMISSION RELATING TO SAFETY AND CHARACTER OF WORK, EQUIPMENT AND LABOR PERSONNEL.

UTILITIES:
WATER SUPPLY: SAN JOSE WATER COMPANY
SEWAGE DISPOSAL: REGIONAL WASTE WATER PLANT
STORM DRAINAGE: COUNTY OF SANTA CLARA
GAS/POWER: PACIFIC GAS & ELECTRIC
TEL/CABLE/NET: N/A
SOLID WASTE: N/A

NPDES REQUIREMENTS

- ALL CONSTRUCTION OF ON-SITE IMPROVEMENTS SHALL ADHERE TO NPDES (NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM) BEST MANAGEMENT PRACTICES TO PREVENT DELETERIOUS MATERIALS OR POLLUTANTS FROM ENTERING THE CITY OR COUNTY STORM DRAIN SYSTEMS.
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT-OF-WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC RIGHT-OF-WAY, ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WTH DISTURBED SOILS OR DEVOID OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WND AND WATER.
- CLEAN UP ALL SPILLS USING DRY METHODS. 10. SWEEP ALL GUTTERS AT THE END OF EACH WORKING DAY. GUTTERS SHALL BE KEPT CLEAN AFTER LEAVING CONSTRUCTION SITE.
- CALL 911 IN CASE OF A HAZARDOUS SPILL.
- BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, CALIFORNIA STORM WATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA, JANUARY 2003, OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS.
- UPON SATISFACTORY COMPLETION OF THE WORK. THE ENTIRE WORK SITE SHALL BE CLEANED BY THE CONTRACTOR AND LEFT WITH A SMOOTH AND NEATLY GRADED SURFACE FREE OF CONSTRUCTION WASTE, RUBBISH, AND DEBRIS OF ANY NATURE.

GRADING AND DRAINAGE NOTES

- ALL PAVED AREAS ARE TO SLOPE A MINIMUM OF 0.5% AND MAXIMUM OF 8%. ACCESSIBLE STALLS AND LOADING ZONES ARE TO SLOPE AT A MAXIMUM OF 2% IN ALL DIRECTIONS, ACCESSIBLE PATHWAYS ARE TO SLOPE AT A MAXIMUM OF 5% IN THE DIRECTION OF TRAVEL AND THE SLOPE CROSSWAYS TO THE DIRECTION OF TRAVEL SHALL BE AT A MAXIMUM OF 2%. ANY AREAS ON THE SITE NOT CONFORMING TO THESE BASIC RULES DUE TO EXISTING CONDITIONS OR DISCREPANCIES IN THE DOCUMENTS ARE TO BE REPORTED TO THE ENGINEER/ARCHITECT PRIOR TO PROCEEDING WITH PLACEMENT OF BASE ROCK, FORM WORK AND/OR FLATWORK.
- EARTHWORK QUANTITIES SHOWN ON THESE PLANS ARE FOR PERMIT PURPOSES. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES FOR BUILDING PURPOSES PRIOR TO BIDDING. FINAL GRADING QUANTITIES ARE DEPENDENT ON FIELD CONDITIONS, CONSTRUCTION TECHNIQUES AND SEQUENCES, FINAL COMPACTION OBTAINED, TRENCHING AND BACKFILL METHODS AND NUMEROUS OTHER FACTORS OUT OF THE CONTROL THE DESIGNER. ANY IMPORT OR EXPORT REQUIRED SHALL BE REFLECTED IN THE BID. NO ADDITIONAL COMPENSATION WILL BE MADE FOR IMPORT OR EXPORT REQUIRED UNLESS NECESSITATED BY UNFORESEEN FIELD CONDITIONS.
- ALL FILL SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT AND THE CONTRACTOR SHALL COORDINATE AND COMPLY WITH THE CLIENT'S TESTING AGENCY TO TAKE THE APPROPRIATE TESTS TO VERIFY COMPACTION VALUES.
- IMPORT SOILS SHOULD MEET THE REQUIREMENTS OF THE GEOTECHNICAL REPORT.
- DO NOT ADJUST GRADES ON THIS PLAN WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY PRIOR TO THE START OF CONSTRUCTION AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER/ARCHITECT IN WRITING PRIOR TO THE START OF CONSTRUCTION, WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT THE EARTHWORK QUANTITIES.
- TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT IN EXISTING PUBLIC STREET AREAS. CONTRACTOR SHALL BACKFILL TRENCHES OR PLACE STEEL PLATING WITH ADEQUATE CUTBACK TO PREVENT SHIFTING OF STEEL PLATE AND/OR HOT-MIX ASPHALT REQUIRED TO PROTECT OPEN TRENCHES AT THE END OF THE WORKING DAY.
- ITS RECOMMENDED THAT A GEOTECHNICAL ENGINEER BE PRESENT AT THE SITE DURING FOOTING EXCAVATION AND OTHER GRADING OPERATIONS TO PERFORM TESTING DEEMED NECESSARY. THE GEOTECHNICAL ENGINEER SHALL OBSERVE GRADING OPERATIONS AND IDENTIFY THOSE CONDITIONS WITH RECOMMENDED CORRECTIVE MEASURES TO THE CONTRACTOR AND THE CONSTRUCTION MANAGER.
- UPON COMPLETION OF FOOTING EXCAVATION AND OTHER GRADING OPERATIONS, THE GEOTECHNICAL ENGINEER WILL PROVIDE A WRITTEN REPORT DOCUMENTING THE RESULTS OF THE GEOTECHNICAL ENGINEER'S SITE OBSERVATION AND TESTING ACTIVITIES PERFORMED DURING SITE GRADING OPERATIONS.

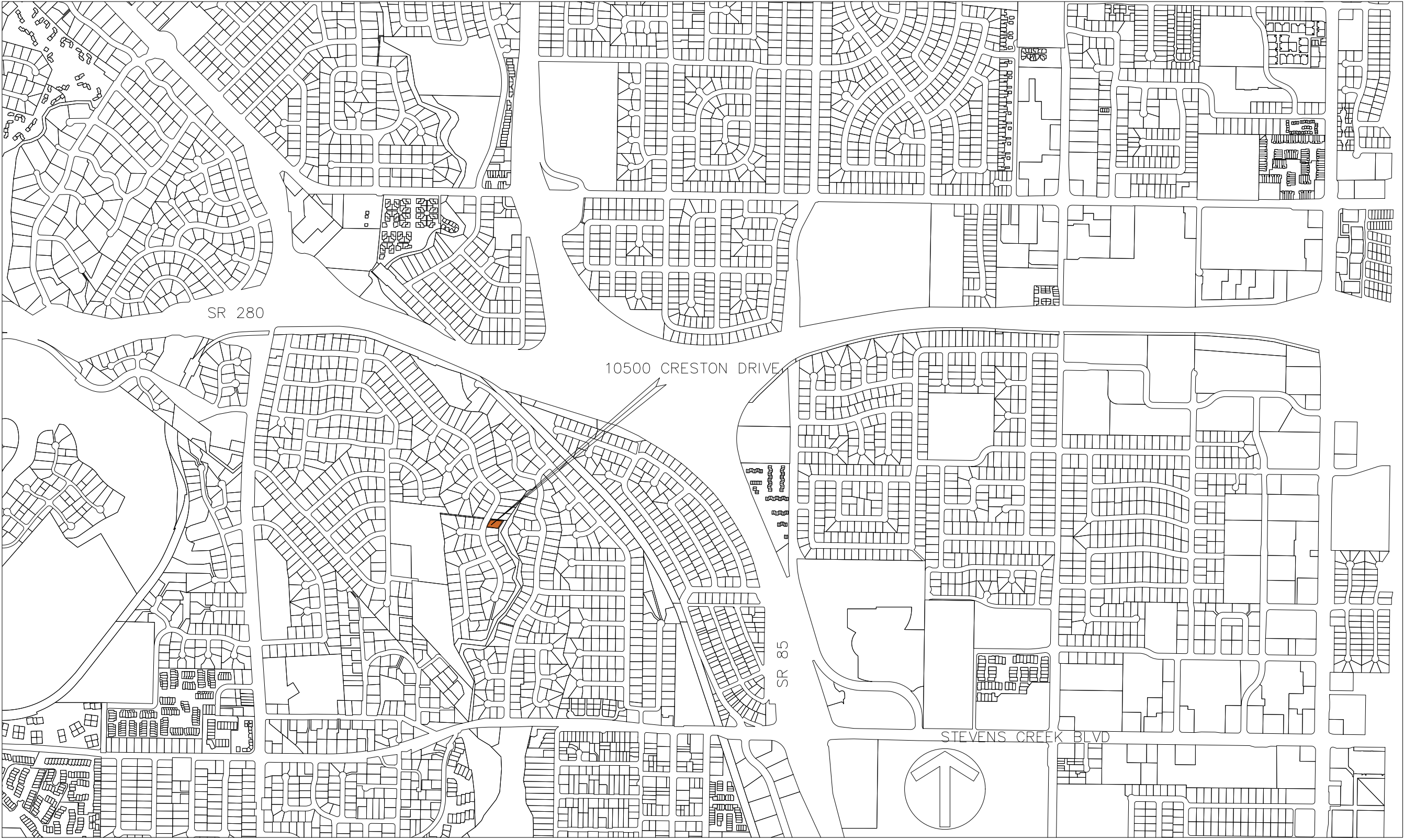
EXISTING CONDITIONS:

THE EXISTING BOUNDARY, TOPOGRAPHIC SURVEY WAS PERFORMED BY KEVIN SMITH LAND SURVEYING OF SANTA CRUZ, CA.

ASSESSOR'S PARCEL NO. 326-12-057, +/- 0.046 ACRES

FLOOD ZONE: MAP PANEL 06085 C0208H, ENTIRE LOT ZONE AE, PORTION LOT FLOODWAY ZONE AE, FLOOD WATER SURFACE ELEVATION 278 FEET MSL

ZONING: RESIDENTIAL R1



VICINITY MAP

1" = 100'

STATEMENT OF JUSTIFICATION

- AMOUNT, DESIGN, LOCATION AND NATURE OF PROPOSED GRADING NECESSARY TO MAINTAIN USE. RESPONSE: THE FOUR DRAWINGS CONTAINED HEREIN PROVIDE THE AMOUNT, DESIGN AND LOCATION OF THE GRADING EFFORT WHICH IS A RELATIVELY SMALL AMOUNT OF CUT AND DEMOLITION OF EXISTING IMPROVEMENTS. AS TO THE NATURE, ITS TO STABILIZE THE THE PROPOSE CHANNEL EMBANKMENT OF THE CREEK.
- THE GRADING WILL NOT ENDANGER PUBLIC OR PRIVATE PROPERTY, PUBLIC HEALTH OR SAFETY AND WILL NOT RESULT IN EXCESSIVE DEPOSITION OF DEBRIS OR SOIL SEDIMENTS ON ANY PUBLIC RIGHT OF WAY OR IMPAIR AN EXITING WATER COURSE. RESPONSE: I BELIEVE THIS TO BE TRUE.
- GRADING WILL MINIMIZE IMPACTS TO THE NATURAL LANDSCAPE, SCENIC, BIOLOGICAL AND AQUATIC RESOURCES AND MINIMIZE EROSION IMPACTS. RESPONSE: I BELIEVE THIS TO BE TRUE.
- GRADING ASSOCIATED WITH NEW BUILDING OR DEVELOPMENT SITES..... RESPONSE: THIS IS NOT APPLICABLE TO THIS PROJECT.
- GRADING AND ASSOCIATED IMPROVEMENTS WILL CONFORM WITH THE NATURAL TERRAIN AND EXISTING TOPOGRAPHY OF THE SITE AS MUCH AS POSSIBLE AND SHOULD NOT CREATE A SIGNIFICANT VISUAL SCAR. RESPONSE: I BELIEVE THIS TO BE TRUE.
- GRADING CONFORMS WITH ANY APPLICABLE GENERAL PLAN POLICIES: I BELIEVE THIS TO BE TRUE. .
- GRADING SUBSTANTIALLY CONFORM WITH THE ADOPTED " GUIDELINES FOR GRADING AND HILLSIDE..... RESPONSE: THIS IS NOT APPLICABLE.

EARTHWORK QUANTITIES:

CUT 45 CUBIC YARDS
FILL 0 CUBIC YARDS
EXPORT 45 CUBIC YARDS

NOTE EARTHWORK QUANTITIES ARE APPROXIMATE AND DO NOT TAKE INTO ACCOUNTANT ACCURACY OF THE EXISTING ELEVATIONS NOR SOIL COMPACTION OR ANY OTHER GEOTECHNICAL CONSIDERATIONS.

GEOTECHNICAL INFORMATION

NO GEOTECHNICAL INVESTIGATION WAS PREPARED FOR THE DEVELOPMENT OF THESE DRAWINGS.

BIOLOGICAL INFORMATION

TOP OF BANK DELINEATED BY MIG INC., 'GENERAL BIOLOGICAL RESOURCE ASSESSMENT' DATED OCTOBER 2019 PROJECT NO. 16710

RESTORATION ENGINEER / GEOMORPHOLOGIST
STILLWATER SCIENCES
2855 TELEGRAPH AVENUE, SUITE 400,
BERKELEY, CA 94705
CHRIS LYLE

DESCRIPTION	PROPOSED	EXISTING
PROPERTY LINES		
ADJACENT PROPERTY LINES		
EASEMENTS		
CURB AND GUTTER	=====	=====
CONCRETE SURFACE OR MATERIAL		
DIRECTION OF FLOW		
SLOPE IN GRADE, % OF GRADE	↙ S=0.02	
SPOT ELEVATION	↙ 19.32	+19.32

AD	AREA DRAIN
BW	FINISHED GRADE AT BOTTOM OF WALL
CO	SEWER CLEANOUT
E	EXISTING
FG	FINISHED GRADE (NON PAVEMENT)
FF	FINISHED FLOOR ELEVATION
FS	FINISHED SURFACE (PAVEMENT)
JP	JOINT UTILITY POLE
OH	OVERHEAD ELECTRIC
PUE	PUBLIC UTILITY EASEMENT
TF	TOP OF FOOTING
TW	TOP OF WALL
WM	WATER METER

SHEET INDEX

C1 COVER SHEET
C2 GRADING
C3 SECTIONS, DETAILS



3111 Carriker Lane
Soquel, Ca 95073
831-295-7631
www.delveengineeringandconsulting.com

REVISIONS:

SUBMITTALS	DATE	INT.
FIRST		
SECOND		
THIRD		
FOURTH		

SCALE:

DRAWN BY:

DESIGNED BY:

CHECKED BY: DATE:

APPROVED BY: DATE:



TITLE:

10500 Creston Drive
Los Altos, CA 94024
Grading Abatement Plan

COVER SHEET

DATE:

10/25/2019

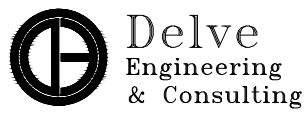
PROJECT ID.:

2018_027

DRAWING NO.:

C-1

SHT 1 OF 3



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REVISIONS:

SUBMITTALS	DATE	INT.
FIRST	☐	
SECOND	☐	
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FOURTH	☐	

SCALE:

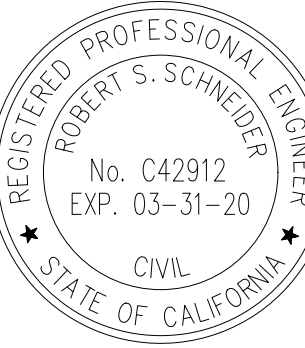
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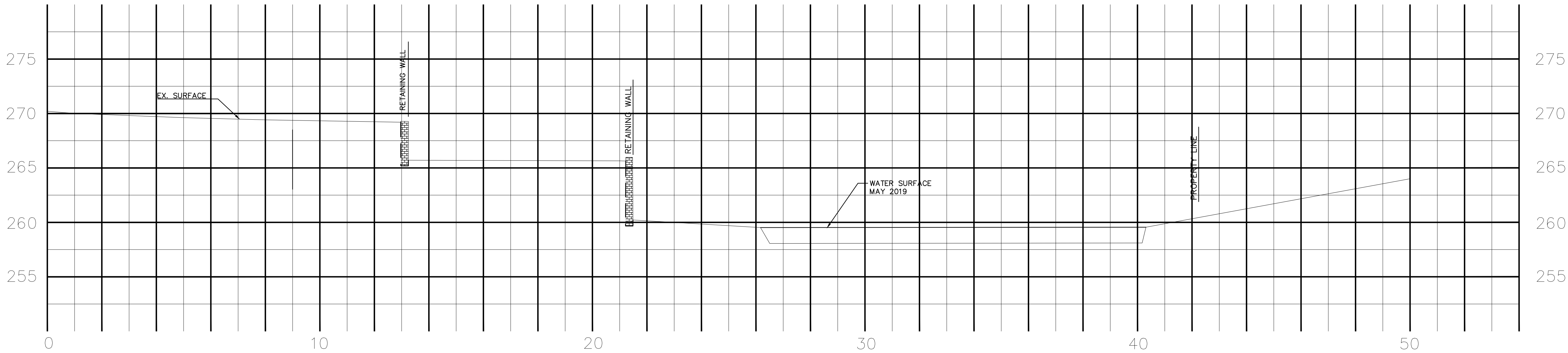


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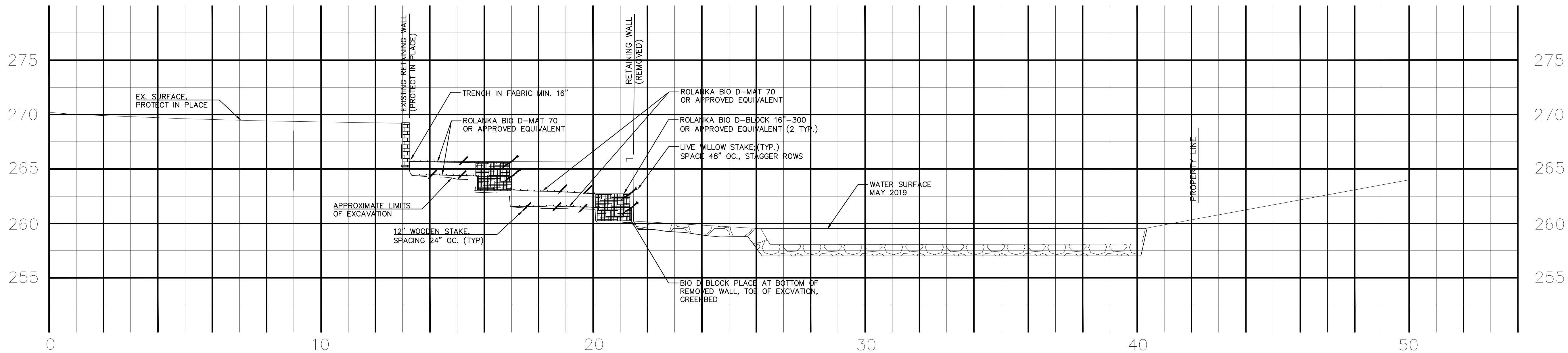
10500 Creston Drive
Los Altos, CA 94024
Grading Abatement Plan

SECTIONS

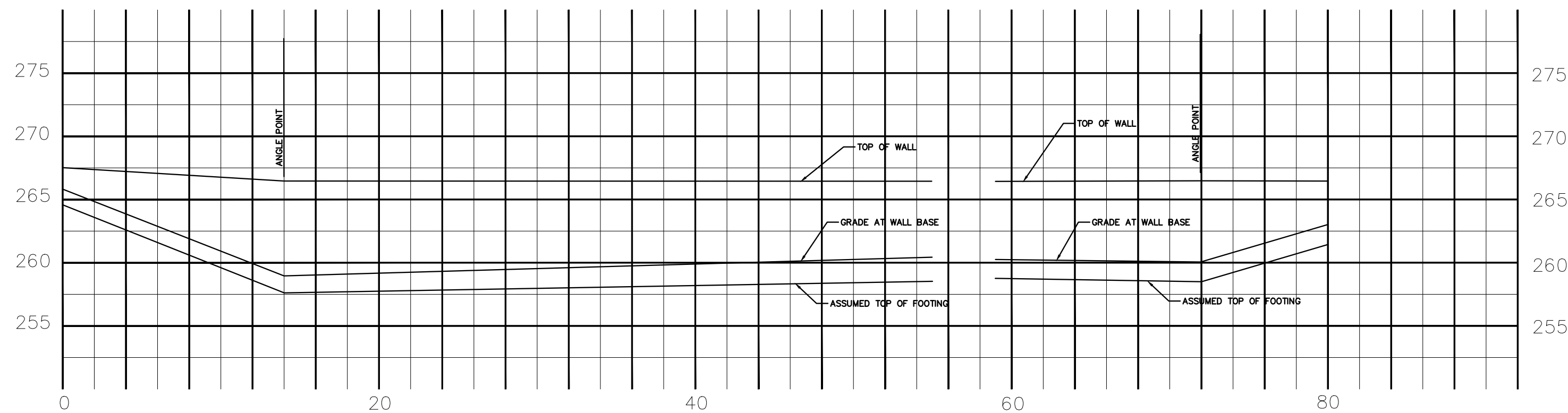
DATE: 10/24/2019
PROJECT ID.: 2018_027
DRAWING NO.: C3
SHEET 3 OF 3



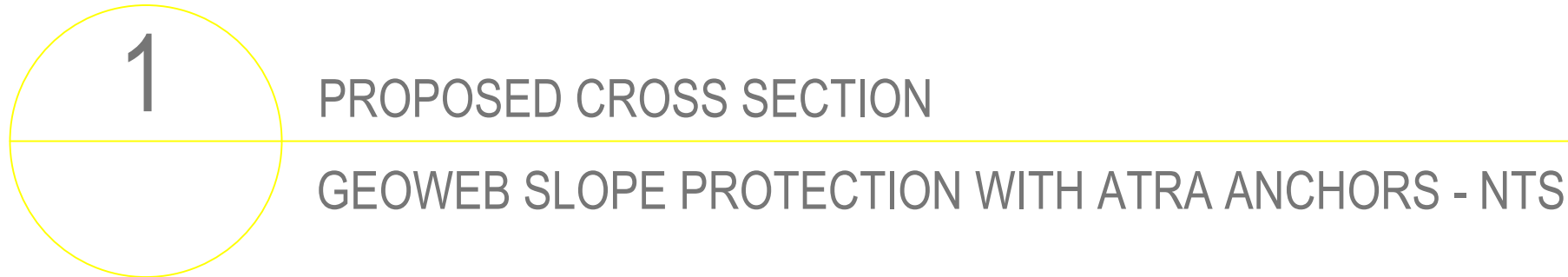
SECTION A-A (EXISTING)



SECTION A-A (PROPOSED)



WALL FACE PROFILE



GENUINE GEOWEB SLOPE PROTECTION SYSTEM WITH SPECIFIED INFILL

REBAR ANCHOR

IF SPEC'D, GEOTEXTILE

VARIES 1

VEGETATION, SEE PLANTING PLAN

ATRA ANCHORS IN SPECIFIED PATTERN. ENGAGE ARM OF ATRA STAKE CLIP WITH GEOWEB CELL WALL

SECTION

TYPICAL ATRA ANCHOR SYSTEM

PROVIDE ATRA KEY CONNECTION FOR EACH END TO END AND INTERLEAF CONNECTION (TYP)

DETAIL

NO. 4 REBAR

VARIES

ATRA STAKE CLIP CONNECTED TO REBAR

REBAR

DETAIL

ATRA ANCHOR

STAKE ANCHOR

SECTION A-A

ATRA ANCHOR. ENGAGE ARM OF ATRA STAKE CLIP WITH GEOWEB CELL WALL

GEOTEXTILE

SECTION B-B

LENGTH VARIES

PLAN VIEW

- MANUFACTURER NOTES:
1. ATRA ANCHORS SHALL CONSIST OF NO. 4 REBAR WITH AN ATRA STAKE CLIP INSERTED INTO THE END OF THE REBAR. LENGTH OF THE ATRA ANCHORS SHALL BE AS SPECIFIED.
 2. PRE-ASSEMBLED ATRA GFRP (POLYMER) ARE AVAILABLE FROM PRESTO GEOSYSTEMS.
 3. THE GEOWEB SHALL BE FILLED WITH THE SPECIFIED MATERIAL (TOPSOIL, STONE, OR CONCRETE) AND SHALL BE SUITABLE TO WITHSTAND THE APPLICABLE HYDRAULIC CONDITIONS.
 4. THE GEOWEB SECTIONS SHALL BE ANCHORED TO RESIST SLIDING DUE DRIVING AND HYDRAULIC FORCES.
 5. SINCE VEGETATION IS DESIRED, PROVIDE AN EROSION CONTROL BLANKET OR TURF REINFORCEMENT MAT.
 6. THE GEOWEB PANELS SHALL BE CONNECTED WITH ATRA KEYS AT EACH INTERLEAF AND END TO END CONNECTION.

2	GEOWEB® SLOPE PROTECTION SYSTEM
	GEOWEB SLOPE PROTECTION WITH ATRA ANCHORS