

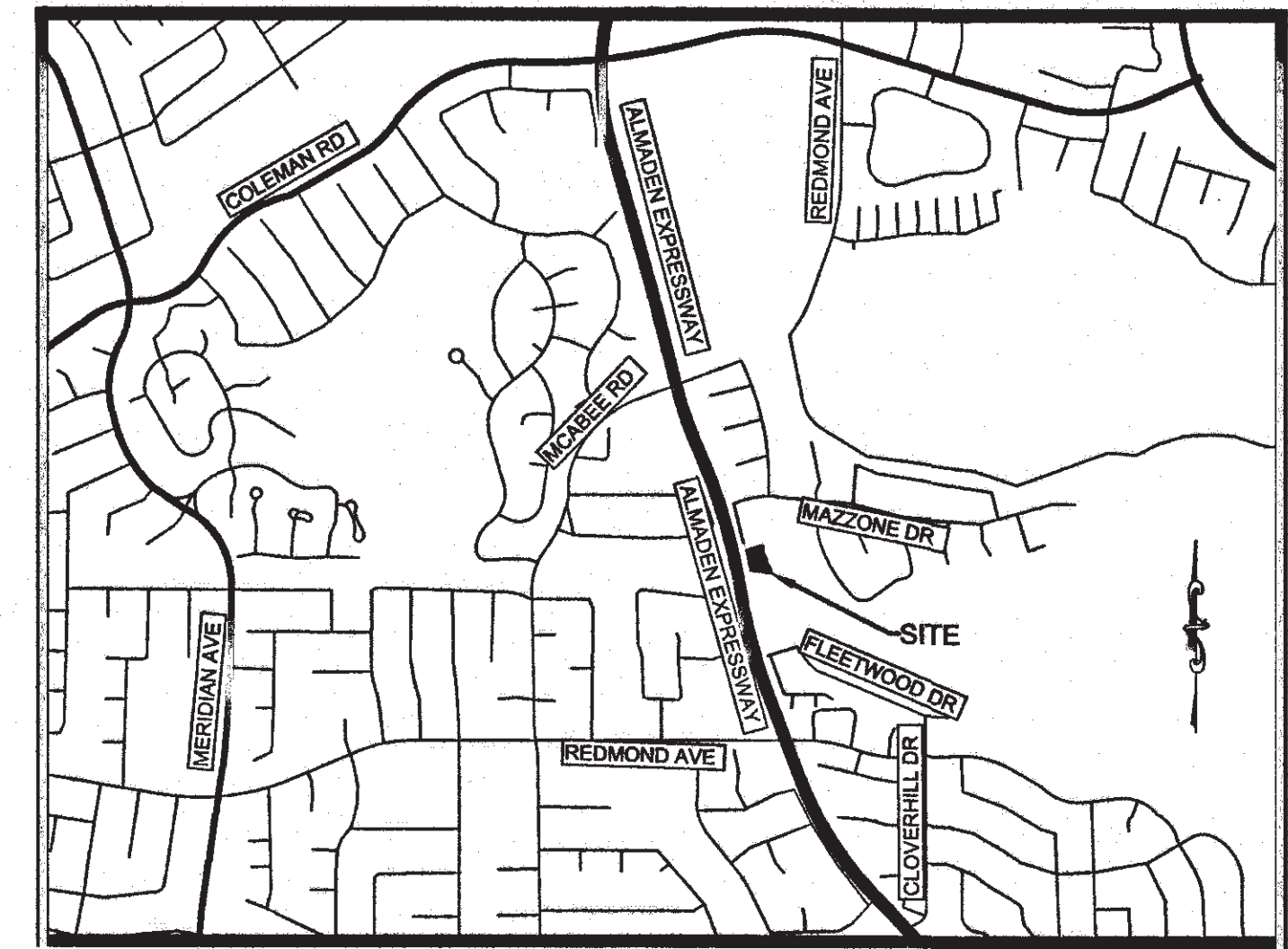
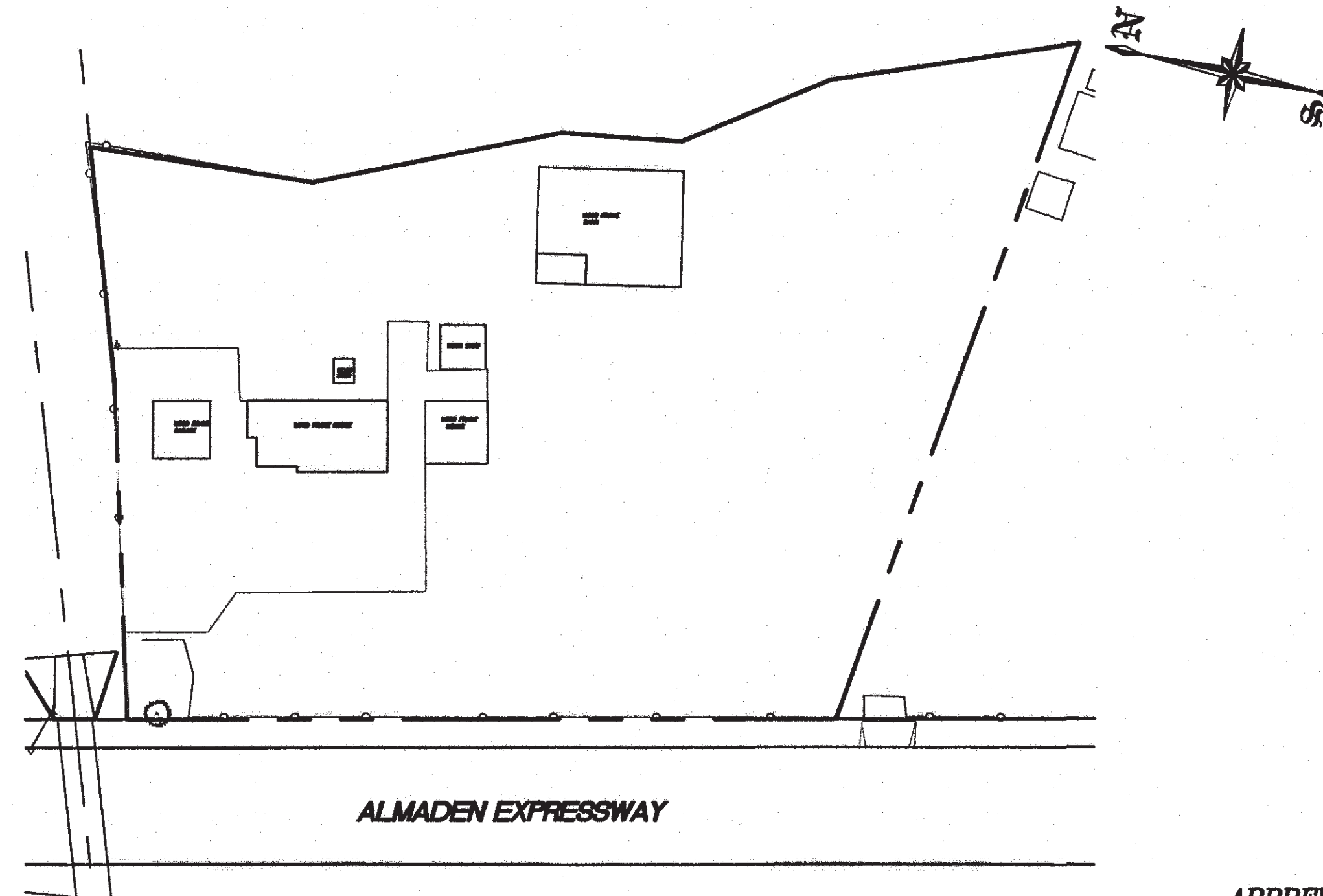
**CITY STANDARD GRADING & DRAINAGE NOTES:**

Note: This drawing is approved subject to:

- ALL GRADING IS SUBJECT TO OBSERVATION BY THE CITY. PERMITTEE OR REPRESENTATIVE SHALL NOTIFY THE CITY OF SAN JOSE DEPARTMENT OF PUBLIC WORKS PROJECT INSPECTOR AT LEAST 48 HOURS BEFORE START OF ANY GRADING.  
THE PROJECT INSPECTOR IS STEVE PLETSCH VOICEMAIL NO. (408) 591-0565
- APPROVAL OF THIS PLAN APPLIES ONLY TO (A) THE EXCAVATION, PLACEMENT, AND COMPACTION OF NATURAL EARTH MATERIALS, (B) THE INSTALLATION OF ON-SITE (I.E. PRIVATE PROPERTY) STORM WATER CONVEYANCE AND TREATMENT FACILITIES THAT ARE OUTSIDE OF THE 5-FOOT BUILDING ENVELOPE, AND (C) THE INSTALLATION OF RETAINING STRUCTURES. THIS APPROVAL DOES NOT CONFER ANY RIGHTS OF ENTRY TO EITHER PUBLIC PROPERTY OR THE PRIVATE PROPERTY OF OTHERS. APPROVAL OF THIS PLAN ALSO DOES NOT CONSTITUTE APPROVAL OF ANY IMPROVEMENTS WITH THE EXCEPTION OF THOSE LISTED ABOVE. PROPOSED IMPROVEMENTS, WITH THE EXCEPTION OF THOSE LISTED ABOVE, ARE SUBJECT TO REVIEW AND APPROVAL BY THE RESPONSIBLE AUTHORITIES AND ALL OTHER REQUIRED PERMITS SHALL BE OBTAINED.
- UNLESS OTHERWISE NOTED ON THE PLAN, ANY DEPICTION OF A RETAINING STRUCTURE ON THIS PLAN SHALL NOT CONSTITUTE APPROVAL FOR CONSTRUCTION OF THE RETAINING STRUCTURE UNLESS A SEPARATE STRUCTURAL REVIEW, BY THE DEPARTMENT OF PUBLIC WORKS IS COMPLETED AND APPROVED
- IT SHALL BE THE RESPONSIBILITY OF THE PERMITTEE OR AGENT TO IDENTIFY, LOCATE AND PROTECT ALL UNDERGROUND FACILITIES.
- THE PERMITTEE OR AGENT SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
- ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
- THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH THE FLOOD HAZARD AREA REGULATIONS AS STATED IN CHAPTER 17.08 OF THE SAN JOSE MUNICIPAL CODE.
- ALL KNOWN WELL LOCATIONS ON THE SITE HAVE BEEN INCLUDED AND SUCH WELLS SHALL BE MAINTAINED OR ABANDONED ACCORDING TO CURRENT REGULATIONS ADMINISTERED BY THE SANTA CLARA VALLEY WATER DISTRICT. CALL (408) 265-2600 EXTENSION 2660 TO ARRANGE FOR DISTRICT OBSERVATION OF ALL WELL ABANDONMENTS.
- IN THE EVENT THAT HUMAN REMAINS AND/OR CULTURAL MATERIALS ARE FOUND, ALL PROJECT-RELATED CONSTRUCTION SHOULD CEASE WITHIN A 100-FOOT RADIUS. THE CONTRACTOR SHALL, PURSUANT TO SECTION 7050.5 OF THE HEALTH AND SAFETY CODE, AND SECTION 5097.94 OF THE PUBLIC RESOURCES CODE OF THE STATE OF CALIFORNIA, NOTIFY THE SANTA CLARA COUNTY CORONER IMMEDIATELY.
- THIS PLAN DOES NOT APPROVE THE REMOVAL OF TREES. APPROPRIATE TREE REMOVAL PERMITS AND METHODS OF TREE PRESERVATION SHOULD BE OBTAINED FROM THE CITY'S PLANNING DEPARTMENT AND THE CITY ARBORIST.
- FOR NON-RESIDENTIAL PROJECTS; ANY NON-HAZARDOUS EXPORT RESULTING FROM PROJECT RELATED EXCAVATION OR LAND CLEARING SHALL BE 100%-REUSED AND RECYCLED PER CALIFORNIA GREEN BUILDING STANDARDS CODE SECTION 5.40B.
- CIVIL ENGINEER INFORMATION AND STATEMENTS:  
A. THE CIVIL ENGINEER FOR THIS PROJECT IS:  
CHARLES W. DAVIDSON COMPANY, 255 W. JULIAN STREET, SAN JOSE CALIFORNIA 95110-2406  
B. THIS ROUGH GRADING PLAN HAS BEEN PREPARED UNDER THE DIRECTION OF A LICENSED ENGINEER AND DESIGNED BASED ON THE RECOMMENDATIONS OF THE REFERENCED PROJECT GEOTECHNICAL REPORT.  
C. THE STORMWATER CONVEYANCE SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE APPROPRIATE BUILDING AND PLUMBING CODES OR HAS BEEN PROVEN TO BE DESIGNED WITH ADEQUATE CAPACITY THROUGH SIGNED AND SEALED HYDRAULIC CALCULATIONS.
- A POST CONSTRUCTION "FINAL" REPORT IS REQUIRED BY THE DIRECTOR OF PUBLIC WORKS FROM A CIVIL ENGINEER RETAINED BY THE OWNER TO OBSERVE THE CONSTRUCTION STATING:  
A. "THAT THE CONSTRUCTION CONFORMS TO THE LINES AND GRADES ON THE APPROVED PLANS;" OR  
B. "THAT ALL SIGNIFICANT CHANGES WERE REVIEWED AND APPROVED IN ADVANCE BY THE DEPARTMENT OF PUBLIC WORKS" AND THE CIVIL ENGINEER SHALL SUBMIT A "RECORD DRAWING" PLAN.
- ACCORDING TO THE CITY'S WASTE WATER ORDINANCE, THE USE OF POTABLE (PIPED OR HYDRANT) WATER FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED.  
  
RECLAIMED WATER IS AVAILABLE (ON A COST RECOVERY BASIS) FROM THE CITY'S ENVIRONMENTAL SERVICES DEPARTMENT, WATER POLLUTION CONTROL DIVISION LOCATED AT 700 LOS ESTEROS ROAD. FOR MORE INFORMATION, PLEASE CALL DAVID TUCKER AT (408) 795-1865.  
  
AN APPLICATION FOR AN EXCEPTION PERMIT TO APPROVE USE OF HYDRANT WATER CAN BE CONSIDERED IN THE PW DEVELOPMENT SERVICES OFFICE. FAX-BACK SERVICE IS PROVIDED FOR THIS PERMIT APPLICATION --- CONTACT (408) 535-7802.
- GRADING WILL NOT BE ALLOWED BETWEEN OCTOBER 1ST AND APRIL 30TH OF ANY YEAR WITHOUT EROSION CONTROL PLANS AND MEASURES APPROVED BY THE DIRECTOR OF PUBLIC WORKS. STORMWATER POLLUTION PREVENTION MEASURES IN ACCORDANCE WITH CITY SPECIFICATIONS AND WITH THE DOCUMENT "CLEAN BAY BLUEPRINT" SHALL BE IMPLEMENTED THROUGHOUT THE YEAR TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.

# ROUGH GRADING PLAN FOR SOIL REMEDIATION LANDS OF MAZZONE

## 6082 ALMADEN EXPRESSWAY SAN JOSE, CA



LOCATION MAP  
NO SCALE

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
---	---	CENTERLINE
---	---	CONTOUR
---	---	CONCRETE CURB & GUTTER
---	---	DEPRESSED CURB
---	---	GOOD NEIGHBOR FENCE
---	---	WOOD FENCE WITH LATTICE
---	---	SPLIT RAIL FENCE
---	---	LANDSCAPE AREA DRAIN (SEE DETAIL ON SH 4)
---	---	BUBBLE UP (SEE DETAIL ON SH 4)
---	---	FIELD INLET (CHRISTY V12 OR EQUAL)
---	---	HOODED INLET
---	---	SIDEWALK
---	---	OVERLAND RELEASE
---	---	RETAINING WALL
---	---	FINISHED FLOOR ELEVATION
---	---	PAD ELEVATION
---	---	TOP OF CURB ELEVATION
---	---	FLOW LINE ELEVATION
---	---	PAVEMENT ELEVATION
---	---	EXISTING GRADE
---	---	PROPOSED GRADE
---	---	SLOPE
---	---	TREES TO REMAIN
---	---	TREES TO BE REMOVED
---	---	STORM MANHOLE
---	---	STORM DRAIN CLEAN OUT (SEE DETAIL ON SH 4)
---	---	STORM PIPE
---	---	SECTION NO.
---	---	PAGE NUMBER
---	---	DOWNSPOUT

**ABBREVIATIONS**

- AB = AGGREGATE BASE
- AC = ASPHALT CONCRETE
- AD = AREA DRAIN
- BC = BEGIN CURVE
- BS = BOTTOM OF STAIR
- BU = BUBBLE UP
- BVC = BEGIN VERTICAL CURVE
- BW = BOTTOM OF WALL
- CB = CATCH BASIN
- CL = CENTERLINE
- CO = CLEANOUT
- DS = DISCONNECTED DOWNSPOUT
- EC = END CURVE
- ELEV. = ELEVATION
- EVC = END VERTICAL CURVE
- EX = EXISTING
- F/C = FACE OF CURB
- FE = FINISHED FLOOR ELEVATION
- FH = FIRE HYDRANT
- FI = FIELD INLET
- FL = FLOW LINE
- GB = GRADE BREAK
- GFF = GARAGE FINISH FLOOR
- HP = HIGH POINT
- INV = INVERT
- LP = LOW POINT
- PAD = PAD ELEVATION
- POC = PORTLAND CEMENT CONCRETE
- PL = PROPERTY LINE
- PV = PAVEMENT GRADE
- PVC = POLYVINYL CHLORIDE PIPE
- PI = POINT OF VERTICAL INTERSECTION
- RCP = REINFORCED CONCRETE PIPE
- ROW = RIGHT OF WAY
- S=0.04> SLOPE
- SD = STORM DRAIN
- SDCO = STORM DRAIN CLEAN OUT
- SDJB = STORM DRAIN JUNCTION BOX
- SDMH = STORM DRAIN MANHOLE
- SS = SANITARY SEWER
- SSMH = SANITARY SEWER MANHOLE
- STA = STATION
- TC = TOP OF CURB
- TF = TOP OF FENCE
- TS = TOP OF STAIR
- TW = TOP OF WALL
- VCP = VITRIFIED CLAY PIPE
- WM = WATER METER
- WV = WATER VALVE

**APPROVED FOR GRADING  
AND DRAINAGE ONLY**  
DEPARTMENT OF PUBLIC WORKS  
CITY OF SAN JOSE, CALIFORNIA

Project Engineer	<i>[Signature]</i>	Date	06/27/2016
Senior Engineer	<i>[Signature]</i>	Date	06/28/2016
Permit Number	15-013740 GR	Expiration Date	6/28/2017

**EARTHWORK QUANTITIES:**

TOTAL CUT		844 CY
RAW FILL	0 CY	
15% SHRINKAGE FACTOR (ASSUMED)	0 CY	
TOTAL FILL		844 CY
NET EXPORT = CUT - FILL		844 CY
NET EXPORT = 811 CY - 0 CY		(IN-PLACE YARDS)

**NOTES & CALCULATIONS ASSUMPTIONS:**

1. EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INDEPENDENTLY ESTIMATE QUANTITIES FOR HIS/HER OWN USE.

**BENCHMARK**  
SCWD 2" BRASS DISC TAGGED "BM 111" ON THE TOP OF CONCRETE BASE OF NORTHEASTERLY LEG OF THE MOST EASTERLY OF THREE PG&E TOWERS AT SOUTHWESTERLY INTERSECTION OF ALMADEN EXPRESSWAY AT GOLF CREEK. ELEVATION = 216.95

**SOILS ENGINEER**  
CORNERSTONE EARTH GROUP, INC  
1259 OAKMEAD PARKWAY  
SUNNYVALE, CA 94085

NO.	DATE	BY	REVISIONS

**EDENBRIDGE INC**  
21771 STEVENS CREEK BLVD.  
SUITE 200A  
CUPERTINO, CA 95014  
TEL. (669) 231-4240

*Charles W. Davidson Esq.*  
A CALIFORNIA CORPORATION  
CONSULTING CIVIL ENGINEERS  
255 W. JULIAN ST., #200  
SAN JOSE, CA 95110-2406  
TEL. (408) 285-9162  
FAX (408) 287-6350

**ROUGH GRADING PLAN  
FOR SOIL REMEDIATION  
COVER SHEET**

SHEET  
1  
OF 5 SHEETS

PW PROJECT #  
3-18273

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL MAINTAIN THE SAFETY OF ALL PERSONS AND PROPERTY AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SAN JOSE AND THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SAN JOSE AND THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF SAN JOSE AND THE STATE OF CALIFORNIA.

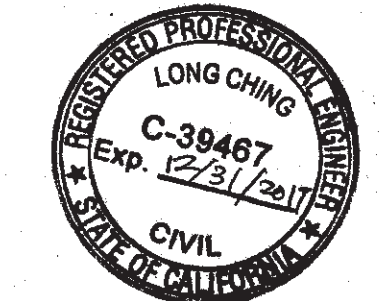


**ENVIRONMENTAL ENGINEER OF RECORD**

THIS PLAN HAS BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE INTENT AND PURPOSE OF THE REMEDIAL ACTION PLAN.

ENVIRONMENTAL INVESTIGATION SERVICES, INC. 09/08/14  
PREPARED BY (COMPANY NAME) DATE OF REPORT

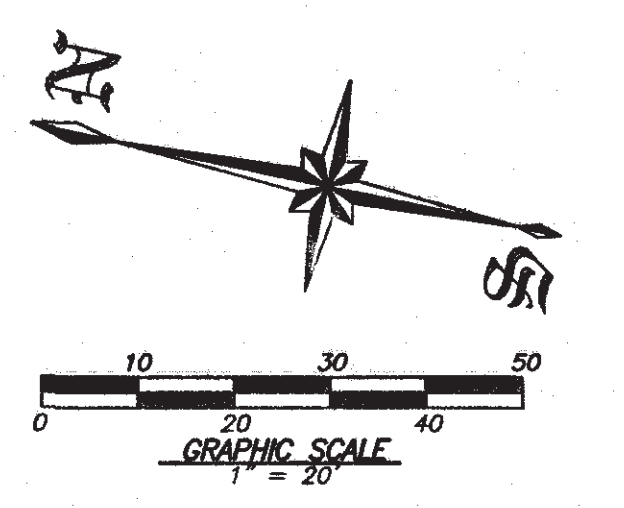
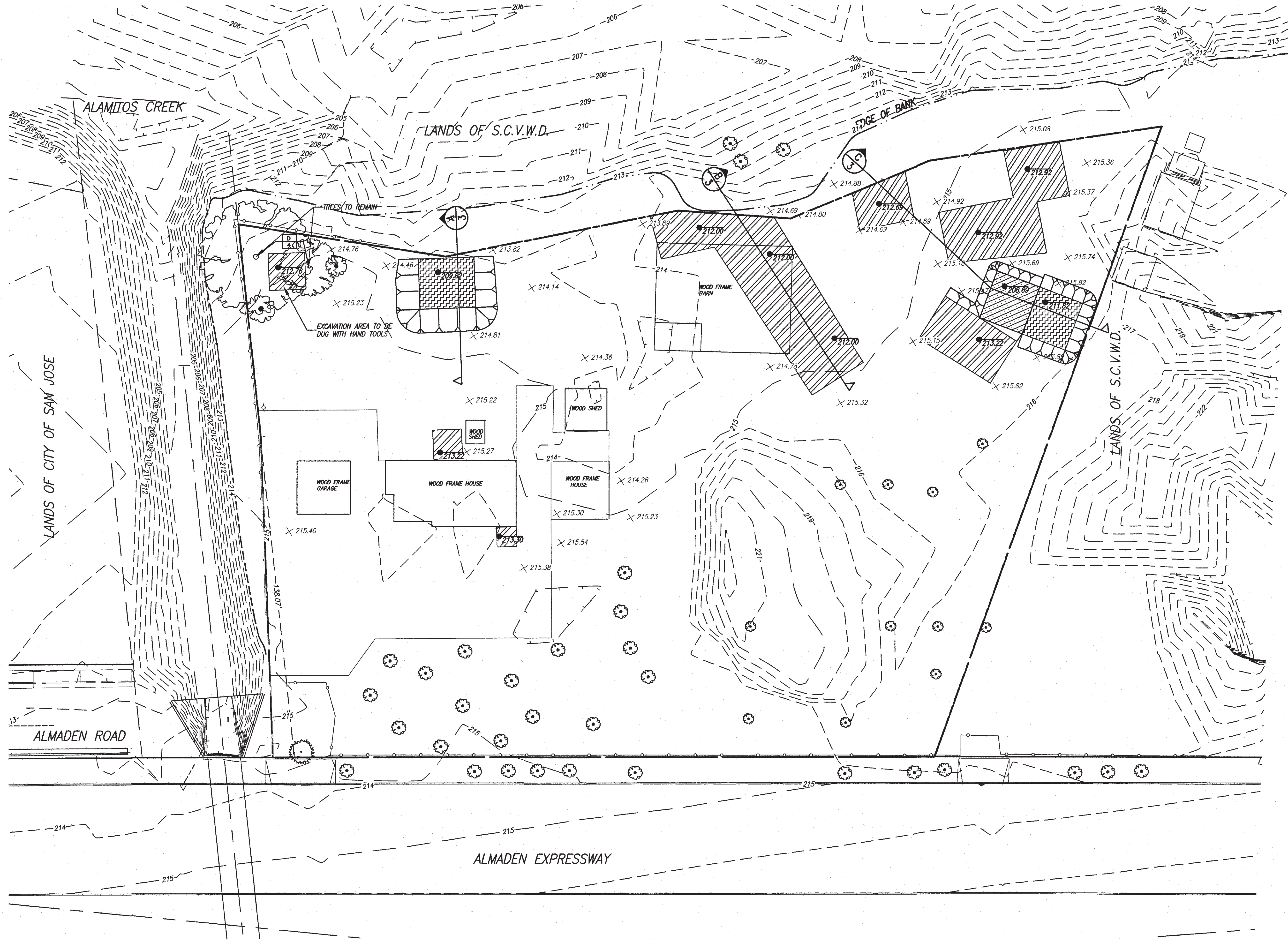
BY C.E. # 39467



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CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE SAFETY OF ALL PERSONNEL 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.  
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**LEGEND**

DESCRIPTION
AREA OF EXCAVATION 2FT DEEP
AREA OF EXCAVATION 4FT DEEP
AREA OF EXCAVATION 7FT DEEP

- NOTES:**
- 1) BACKFILL EXCAVATIONS WITH CLEAN SOIL TO ORIGINAL GRADE. MINIMUM COMPACTION REQUIRED IN FUTURE LANDSCAPE AREAS.
  - 2) EXCAVATIONS TO BE DONE IN ACCORDANCE TO THE REMOVAL ACTION WORK PLAN DONE BY ENVIRONMENTAL INVESTIGATION SERVICES, INC.

**Charles W. Davidson Co.**  
 A CALIFORNIA CORPORATION  
 CONSULTING CIVIL ENGINEERS  
 255 W. JULIAN ST. #200  
 SAN JOSE, CA 95110-2406  
 TEL: (408) 295-9182  
 FAX: (408) 287-6350



PETER B. SMITH  
 RCE 46225 EXP. 12-31-16  
 DATE: 6/22/16

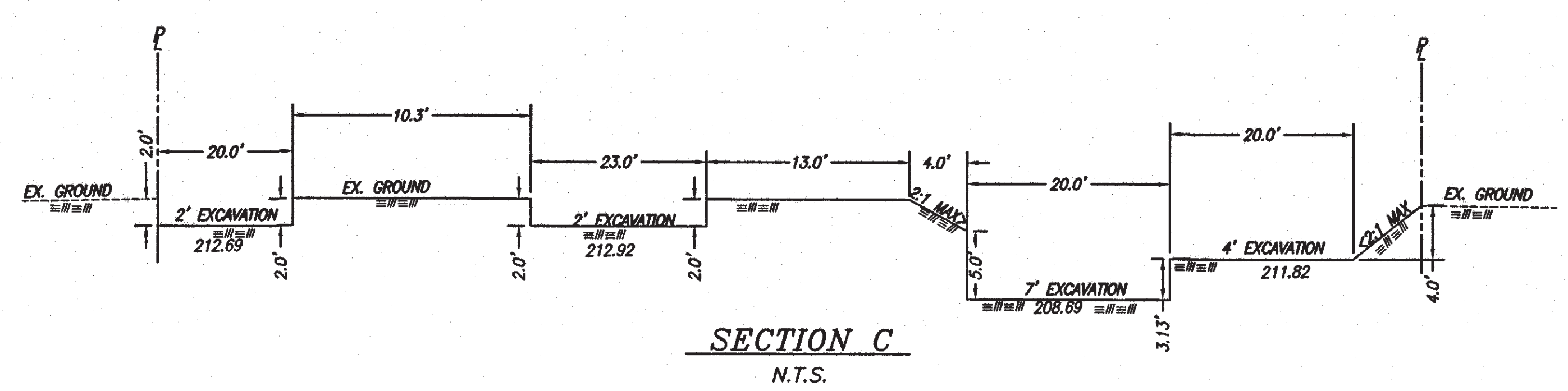
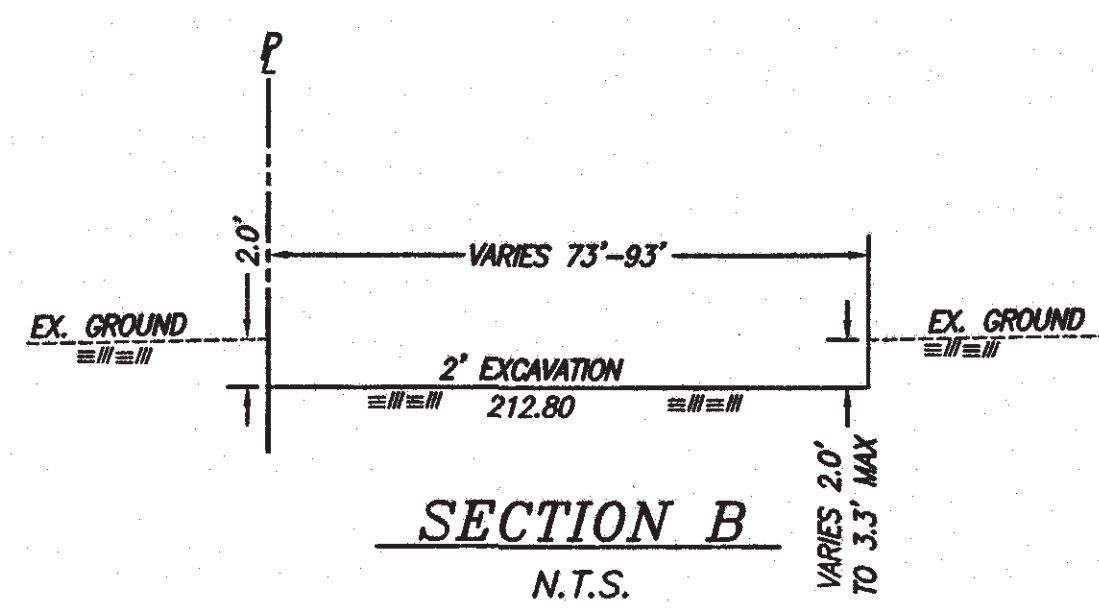
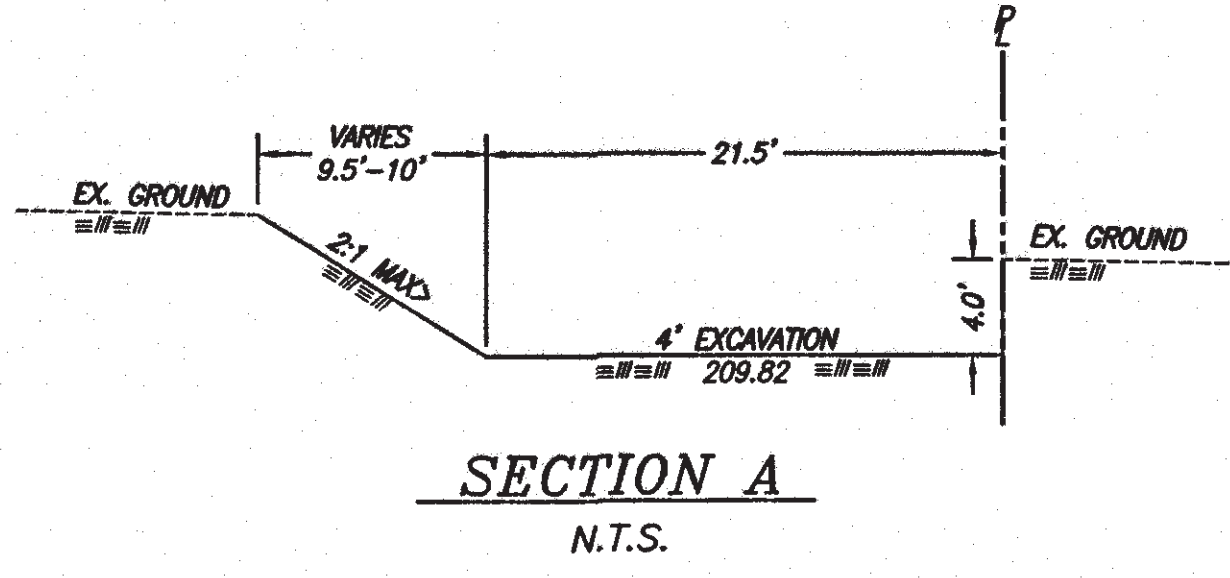
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**ROUGH GRADING PLAN**  
**FOR SOIL REMEDIATION**  
**6082 ALMADEN EXPRESSWAY**  
**LANDS OF MAZZONE**  
 SAN JOSE CALIFORNIA

PERMIT # 15-013740 GR  
 PROJECT # 3-18273  
 PROJECT INSPECTOR: STEVE PLETSCH  
 VOICE MAIL: (408) 591-0565



CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES ON THE JOB SITE, INCLUDING THE PROTECTION OF THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.



**A EXCAVATION SECTION**

**B EXCAVATION SECTION**

**C EXCAVATION SECTION**

**TREE PRESERVATION GUIDELINES**

The following recommendations will help reduce impacts to trees from development and maintain and improve their health and vitality through the clearing, grading and construction phases.

**Design Recommendations:**

1. A TREE PROTECTION ZONE shall be established around each tree by the Consulting Arborist. No grading, excavation, construction or storage of materials shall occur within that zone.
2. No underground services including utilities, sub-drains, water or sewer shall be placed in the TREE PROTECTION ZONE.
3. Tree Preservation Notes, prepared by the Consulting Arborist, should be included on all plans.
4. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.
5. Irrigation systems must be designed so that no trenching will occur within the TREE PROTECTION ZONE.

**Pre-construction Treatments and Recommendations:**

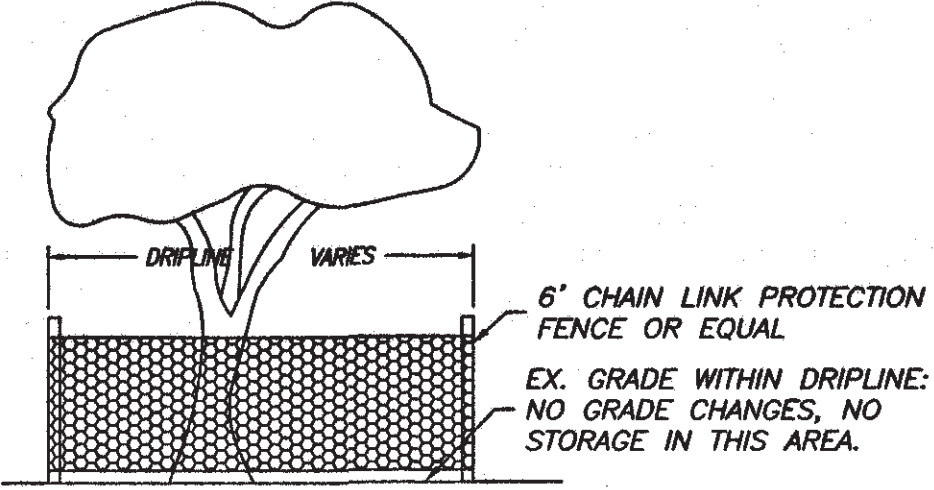
1. The construction superintendent shall meet with the Consulting Arborist before beginning work to discuss work procedures and tree protections.

2. Fence all trees to be retained to completely enclose the TREE PROTECTION ZONE prior to demolition, grubbing or grading. Fences shall be 6 ft. chain link or equivalent as approved by consulting arborist. Fences are to remain until all grading and construction is completed.

3. Prune trees to be preserved to clean the crown and to provide clearance. All pruning shall be completed by a Certified Arborist or Tree Worker and adhere to the Tree Pruning Guidelines of the International Society of Arboriculture. Brush shall be chipped and spread beneath the trees within the TREE PROTECTION ZONE.

**Recommendations for Tree Protection during Construction:**

1. No grading, construction, demolition or other work shall occur within the TREE PROTECTION ZONE. Any modifications must be approved and monitored by the Consulting Arborist.
2. Any root pruning required for construction purposes shall receive the prior approval of, and be supervised by, the Consulting Arborist.
3. Supplemental irrigation shall be applied as determined by the Consulting Arborist. At a minimum all retained trees will be irrigated monthly through the dry months.
4. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Consulting Arborist so that appropriate treatments can be applied.
5. No excess soil, chemicals, debris, equipment or other materials shall be dumped or stored within the TREE PROTECTION ZONE.
6. Any additional tree pruning needed for clearance during construction must be performed by a Certified Arborist and not by construction personnel.
7. As trees withdraw water from the soil, expansive soils may shrink within the root area. Therefore, foundations, footings and pavements on expansive soils near trees should be designed to withstand differential displacement.



**TREE PROTECTION DETAIL AND NOTES**

**D TREE PROTECTION DETAIL**

**Charles W. Davidson Co.**  
A CALIFORNIA CORPORATION  
CONSULTING CIVIL ENGINEERS  
255 W. JULIAN ST. #200  
SAN JOSE, CA 95110-2406  
TEL (408) 295-9162  
FAX (408) 287-6350



*Peter B. Smith*  
PETER B. SMITH  
RCE 46225 EXP. 12-31-16  
DATE: 6/22/16

Date:	6-22-16						
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**REVISIONS**

DESIGN BY	DESIGN DATE	CITY APPR.	APPR. DATE

**ROUGH GRADING PLAN**  
SECTION & DETAILS  
TRACT NO.  
MAZZONE SUBDIVISION

PERMIT # 15-013740 GR  
PROJECT # 3-18273

PROJECT INSPECTOR: STEVE PLETSCH  
VOICE MAIL: (408) 591-0565

SAN JOSE

CALIFORNIA

SHEET  
3  
OF 5 SHEETS

*Job/27/16*

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# EROSION CONTROL PLAN

## 6082 ALMADEN EXPRESSWAY

### WDID# 2 43C376161

**GENERAL EROSION AND SEDIMENT CONTROL NOTES:**

1. OWNER: EDENBRIDGE INC. CONTACT: CHRISTOPHER GATLEY  
21771 STEVENS CREEK BLVD., STE 200A  
CUPERTINO, CA 95014  
(669) 659-4240
- CONTRACTOR: EDENBRIDGE HOMES CONTACT: CHRISTOPHER GATLEY  
21771 STEVENS CREEK BLVD., STE 2001  
CUPERTINO, CA 95014  
(669) 231-4240
- IT SHALL BE THE OWNER'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO KEEP THE ENTIRE SITE IN COMPLIANCE WITH THE SOIL EROSION CONTROL PLAN.
2. CIVIL ENGINEER: CHARLES W. DAVIDSON CO., A CALIFORNIA CORPORATION  
255 W. JULIAN STREET, SUITE 200, SAN JOSE, CA 95110  
PHONE: (408) 295-9162
3. CONSTRUCTION SUPERINTENDENT: JEFF RICE  
24 HR. PHONE: (510) 292-6286
- GRADING CONTRACTOR: WESTERN ABATEMENT, INC  
530 BOULDER COURT #106  
PLEASANTON, CA 94566
4. THIS PLAN IS INTENDED TO BE USED FOR INTERIM EROSION AND SEDIMENT CONTROL ONLY AND IS NOT TO BE USED FOR FINAL ELEVATIONS OR PERMANENT IMPROVEMENTS.
5. DEVELOPER WILL SUBMIT TO THE CITY MONTHLY (AT THE FIRST OF EACH MONTH BETWEEN OCTOBER 1st AND APRIL 30th) CERTIFICATIONS THAT ALL EROSION/SEDIMENT MEASURES IDENTIFIED ON THE APPROVED EROSION CONTROL PLAN ARE IN PLACE. IF MEASURES ARE NOT IN PLACE, DEVELOPER SHALL PROVIDE THE CITY WITH A WRITTEN EXPLANATION OF WHY THE MEASURE IS NOT IN PLACE AND WHAT WILL BE DONE TO REMEDY THIS SITUATION.
6. OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING EROSION AND SEDIMENT CONTROL MEASURES PRIOR, DURING, AND AFTER STORM EVENTS.
7. REASONABLE CARE SHALL BE TAKEN WHEN HAULING ANY EARTH, SAND, GRAVEL, STONE DEBRIS, PAPER OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREET, ALLEY OR OTHER PUBLIC PLACE. SHOULD ANY BLOW, SPILL, OR TRACK OVER AND UPON SAID PUBLIC OR ADJACENT PRIVATE PROPERTY, IMMEDIATE REMEDY SHALL OCCUR.
8. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
9. DURING THE RAINY SEASON, ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM, INCLUDING EXISTING DRAINAGE SWALES AND WATER COURSES.
10. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED. STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEMENT SHALL BE COMPLIED WITH.
11. CONTRACTOR SHALL PROVIDE DUST CONTROL AS REQUIRED BY THE APPROPRIATE FEDERAL, STATE AND LOCAL AGENCY REQUIREMENTS.

**EROSION AND SEDIMENT CONTROL MEASURES:**

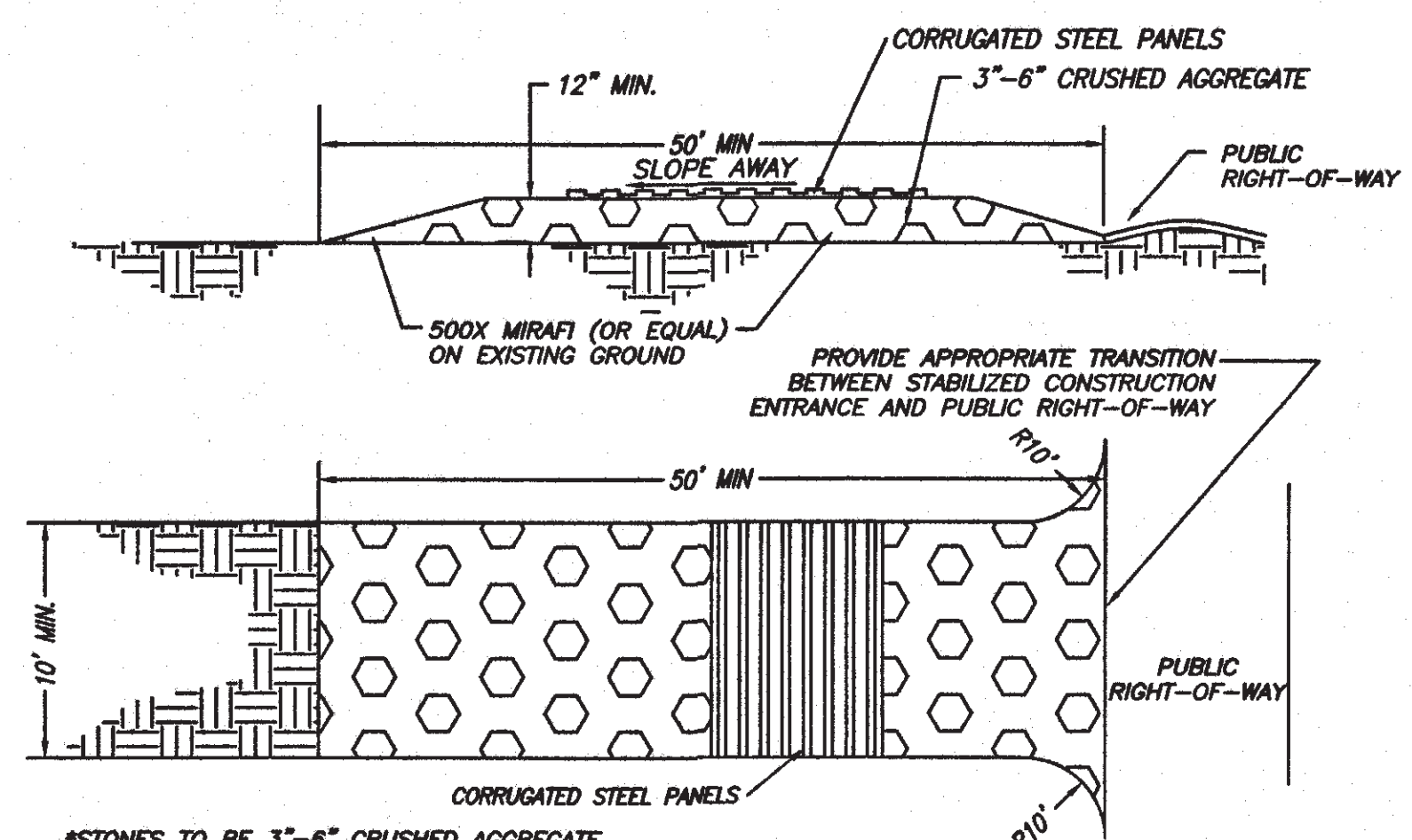
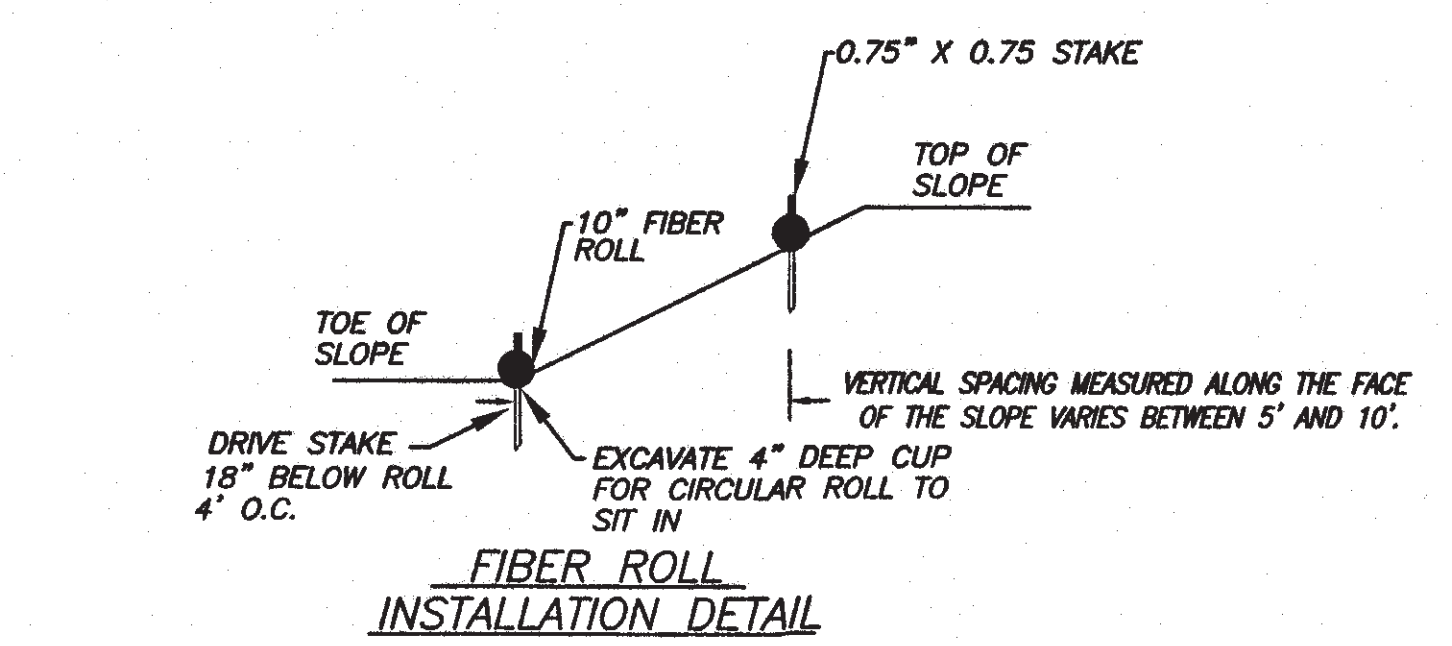
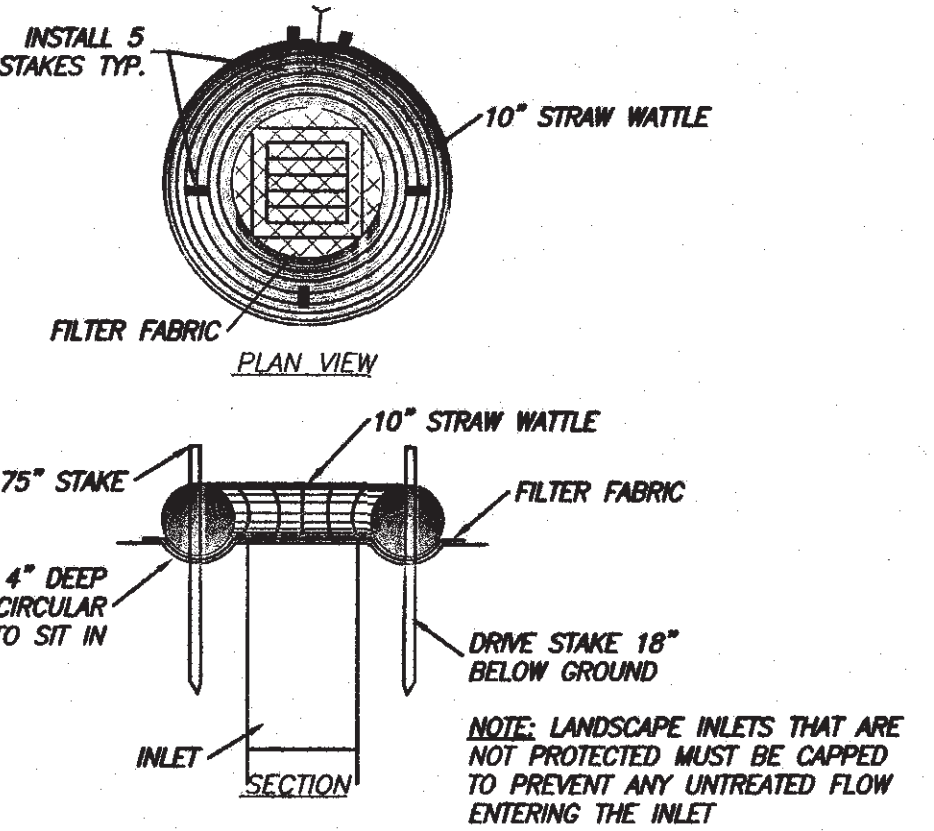
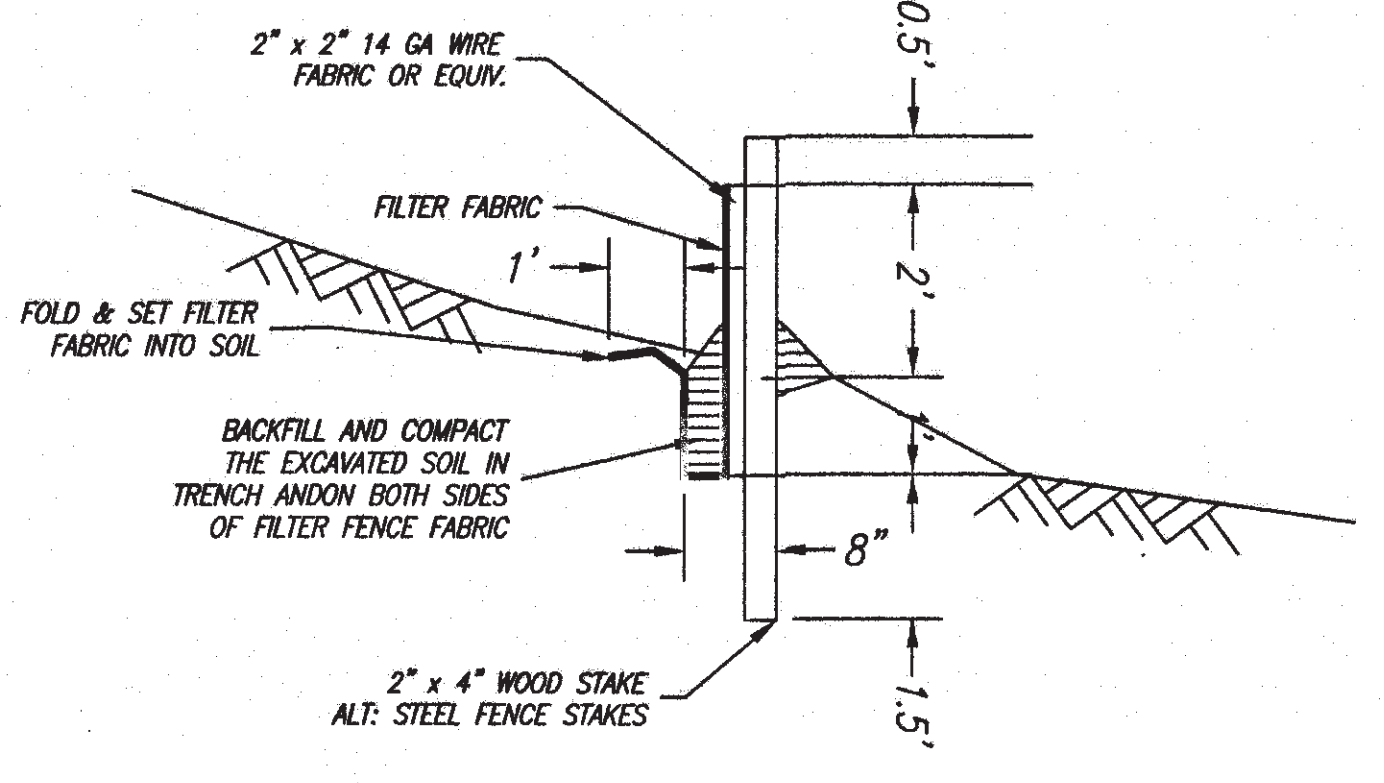
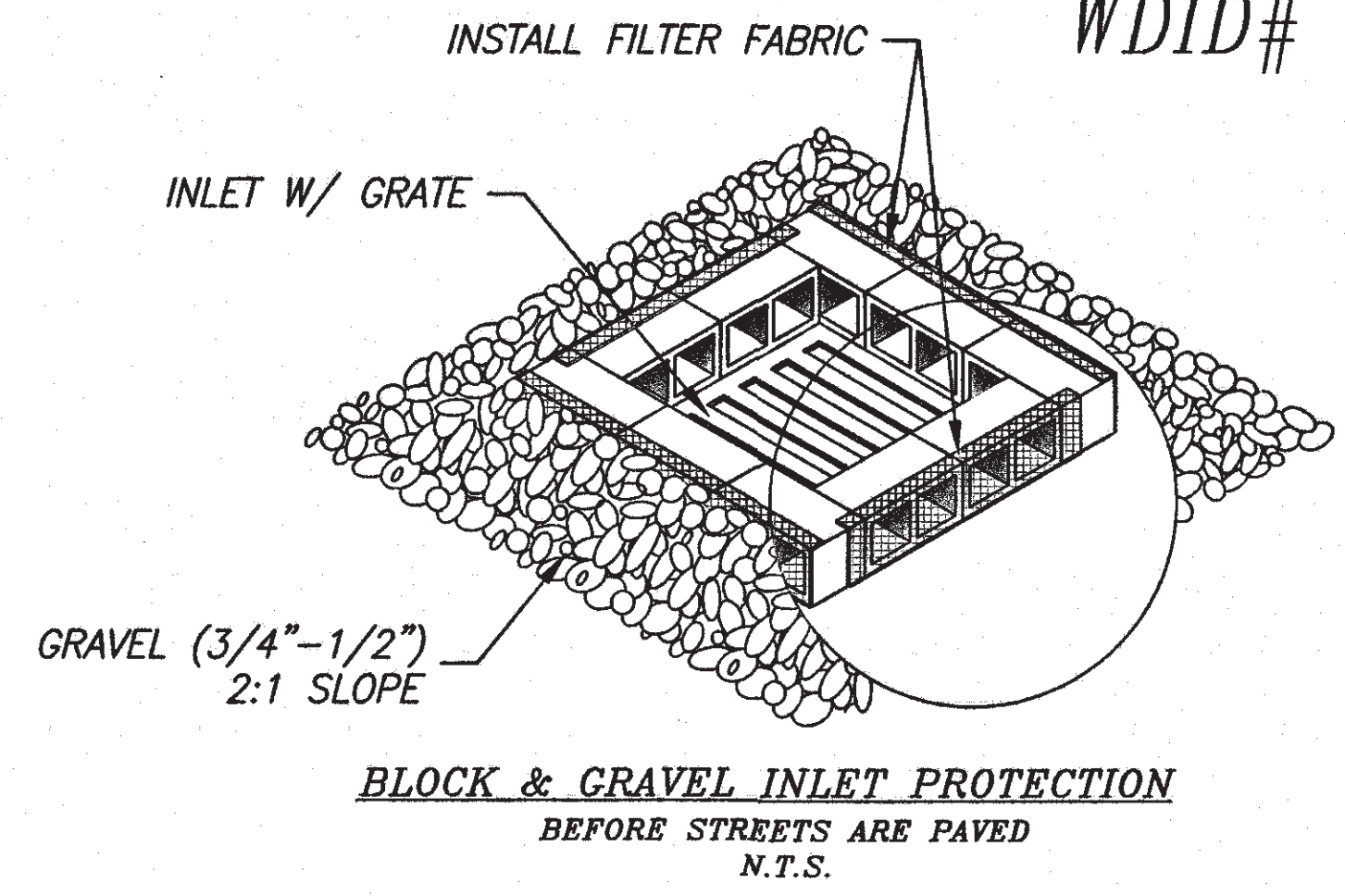
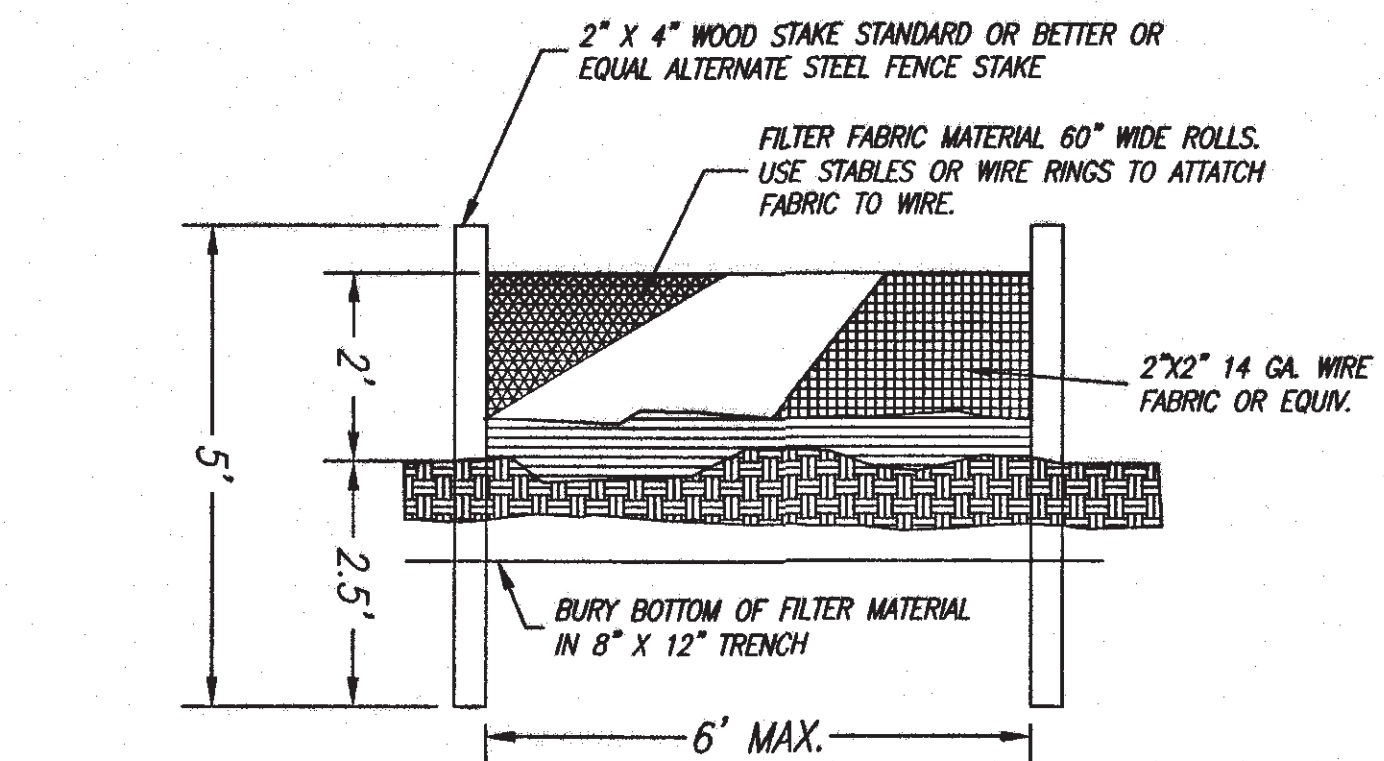
1. THE FACILITIES SHOWN ON THIS PLAN ARE DESIGNED TO CONTROL EROSION AND SEDIMENT DURING THE RAINY SEASON, OCTOBER 1, TO APRIL 30. FACILITIES ARE TO BE OPERABLE PRIOR TO SEPTEMBER 15 OF ANY YEAR. GRADING OPERATIONS DURING THE RAINY SEASON WHICH LEAVE DENUDED SLOPES SHALL BE PROTECTED WITH EROSION CONTROL MEASURES IMMEDIATELY FOLLOWING GRADING. DURING THE NON-RAINY SEASON BEST MANAGEMENT PRACTICES (BMPs) MUST BE IMPLEMENTED DURING CONSTRUCTION WHICH INCLUDES, BUT IS NOT LIMITED TO: STABILIZED CONSTRUCTION ENTRANCE, TIRE WASH AREA AND INLET PROTECTION.
2. THIS PLAN COVERS ONLY THE FIRST WINTER FOLLOWING GRADING WITH ASSUMED SITE CONDITIONS AS SHOWN ON THE EROSION CONTROL PLAN. PRIOR TO SEPTEMBER 15, THE COMPLETION OF SITE IMPROVEMENTS SHALL BE EVALUATED AND REVISIONS MADE TO THIS PLAN AS NECESSARY WITH THE APPROVAL OF THE CITY ENGINEER. PLANS ARE TO BE RESUBMITTED FOR CITY APPROVAL PRIOR TO SEPTEMBER 1 OF EACH SUBSEQUENT YEAR UNTIL SITE IMPROVEMENTS ARE ACCEPTED BY THE CITY.
3. CONSTRUCTION ENTRANCES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. ALL CONSTRUCTION TRAFFIC ENTERING ONTO THE PAVED ROADS MUST CROSS THE STABILIZED CONSTRUCTION ENTRANCE WAYS. (ALSO INCLUDE THIS NOTE ON GRADING PLANS.)
4. CONTRACTOR SHALL MAINTAIN STABILIZED ENTRANCE AT EACH VEHICLE ACCESS POINT TO EXISTING PAVED STREETS. ANY MUD OR DEBRIS TRACKED ONTO PUBLIC STREETS SHALL BE REMOVED DAILY AND AS REQUIRED BY THE CITY.
5. IF HYDROSEEDING IS NOT USED OR IS NOT EFFECTIVE BY SEPTEMBER 23, THEN OTHER IMMEDIATE METHODS SHALL BE IMPLEMENTED, SUCH AS EROSION CONTROL BLANKETS, OR A THREE-STEP APPLICATION OF 1) SEED, MULCH, FERTILIZER, 2) BLOWN STRAW, 3) TACKIFIER AND MULCH.
6. INLET PROTECTION SHALL BE INSTALLED AT OPEN INLETS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM. INLETS NOT USED IN CONJUNCTION WITH EROSION CONTROL ARE TO BE BLOCKED TO PREVENT ENTRY OF SEDIMENT.
7. LOTS WITH HOUSES UNDER CONSTRUCTION WILL NOT BE HYDROSEEDED. EROSION PROTECTION FOR EACH LOT WITH A HOUSE UNDER CONSTRUCTION SHALL CONFORM TO THE TYPICAL LOT EROSION CONTROL DETAIL SHOWN ON THIS SHEET.
8. THIS EROSION AND SEDIMENT CONTROL PLAN MAY NOT COVER ALL THE SITUATIONS THAT MAY ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS AND ADDITIONS MAY BE MADE TO THIS PLAN IN THE FIELD. NOTIFY THE CITY REPRESENTATIVE OF ANY FIELD CHANGES.

**MAINTENANCE NOTES:**

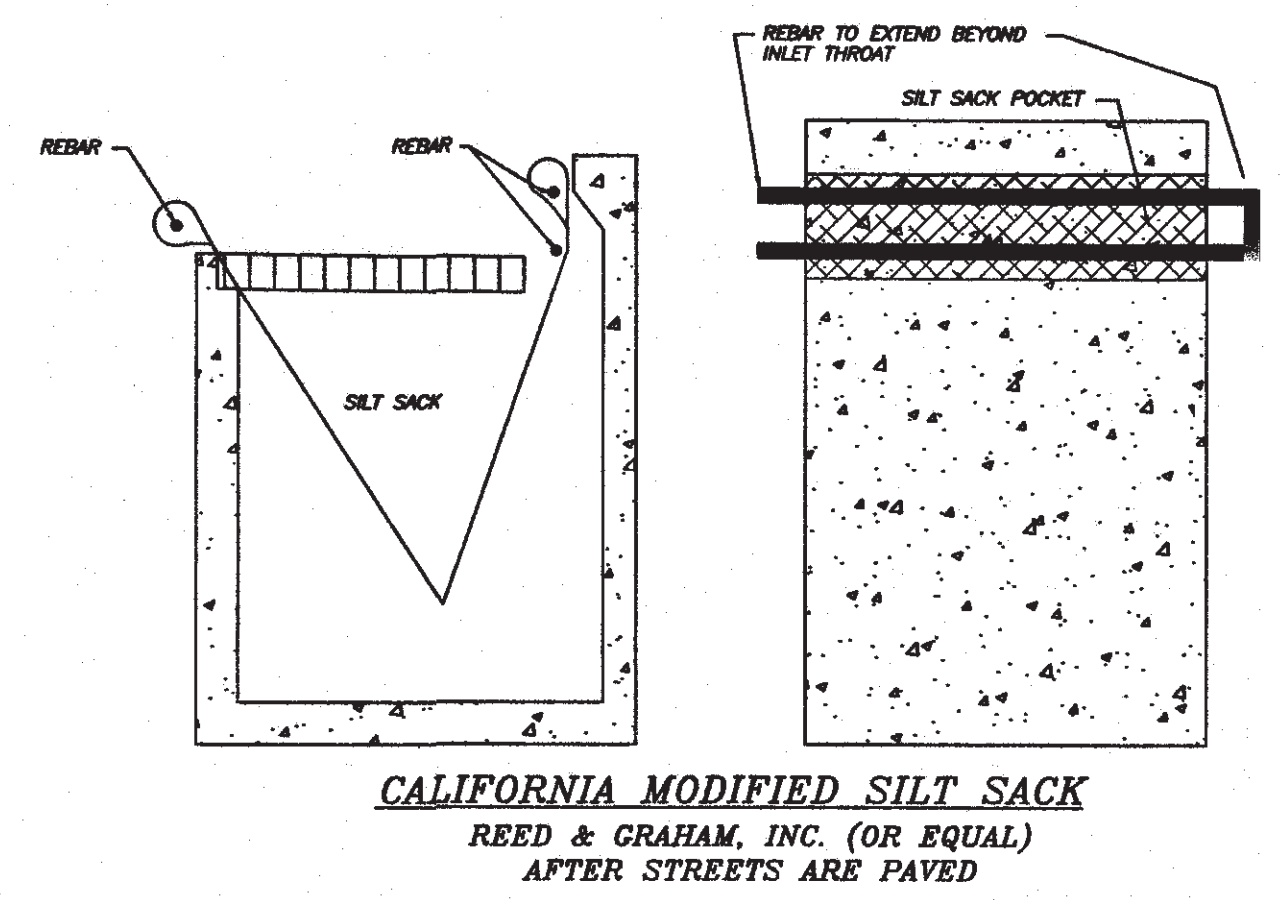
1. MAINTENANCE IS TO BE PERFORMED AS FOLLOWS:
  - A. REPAIR DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION AT THE END OF EACH WORKING DAY.
  - B. SWALES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED AS NEEDED.
  - C. SEDIMENT TRAPS, BERMS, AND SWALES ARE TO BE INSPECTED AFTER EACH STORM AND REPAIRS MADE AS NEEDED.
  - D. SEDIMENT SHALL BE REMOVED AND SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO A DEPTH OF 1 FOOT.
  - E. SEDIMENT REMOVED FROM TRAP SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
  - F. RILLS AND GULLIES MUST BE REPAIRED.
2. SAND BAG INLET PROTECTIONS SHALL BE CLEANED OUT WHENEVER SEDIMENT DEPTH IS ONE HALF THE HEIGHT OF ONE SAND BAG.

**LEGEND**

PROPOSED	DESCRIPTION
---	SITE BOUNDARY
	ALTERNATE FIBER ROLL INLET PROTECTION (SEE DETAIL ON THIS SHEET)
	STANDARD INLET
	FLAT GRATE INLET
	AREA DRAIN INLET
	FLOW DIVERSION BERM
	SILT FENCE AND 10" FIBER ROLL PERIMETER
	STABILIZED CONSTRUCTION ENTRANCE WITH TIRE WASH 3"-6" ROCK (MIN)
	CONCRETE TRUCK WASHOFF AREA CONTRACTOR CAN MOVE LOCATION AS NEEDED
	FIBER ROLL



BMP SUMMARY TABLE	
BMP CATEGORY	BMP USED
EROSION CONTROL	WIND EROSION CONTROL CONSTRUCTION ENTRANCE OUTLET PROTECTION/ VELOCITY DISSIPATION DEVICES
SEDIMENT CONTROL	SILT FENCE STABILIZED CONSTRUCTION ROADWAY STREET SWEEPING AND VACUUMING
GOOD SITE MANAGEMENT	STORAGE OF CONSTRUCTION MATERIALS APPLICATION AND STORAGE OF LANDSCAPE MATERIALS MANAGEMENT OF WASTES AND WASTE MATERIALS ON SITE
NON-STORMWATER MANAGEMENT	WATER CONSERVATION PRACTICES ILLEGAL DUMPING REPORTING VEHICLE AND EQUIPMENT MAINTENANCE
RUN-ON AND RUN-OFF CONTROL	NOT APPLICABLE
ACTIVE TREATMENT SYSTEMS	NOT APPLICABLE



**MAINTENANCE MEASURES**

CONTROLS	INSPECTION FREQUENCY	MAINTENANCE/REPAIR MEASURES
STABILIZED CONSTRUCTION ENTRANCE	WEEKLY AND 2 BUSINESS DAYS (24 HOURS) AFTER QUALIFYING RAIN	REPLACE GRAVEL MATERIAL WHEN VOIDS ARE PRESENT REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS WITHIN 24 HOURS REMOVE GRAVEL AT COMPLETION OF CONSTRUCTION
JUTE MAT	WEEKLY AND 2 BUSINESS DAYS (24 HOURS) AFTER QUALIFYING RAIN	REPAIR WHENEVER JUTE MAT IS DAMAGED REMOVE SEDIMENT WHEN IT REACHES 1/3 THE DEPTH OF THE JUTE MAT ESPECIALLY IF HEAVY RAINS ARE EXPECTED
FIBER ROLLS	WEEKLY AND 2 BUSINESS DAYS (24 HOURS) AFTER QUALIFYING RAIN	REPAIR WHENEVER FIBER ROLL IS DAMAGED REMOVE SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE FIBER ROLL ESPECIALLY IF HEAVY RAINS ARE EXPECTED
STORM DRAIN INLET PROTECTION	WEEKLY AND 2 BUSINESS DAYS (24 HOURS) AFTER QUALIFYING RAIN	REPLACE CLOGGED FILTER FABRIC IMMEDIATELY REMOVE SEDIMENT WHEN THE DEPTH EXCEEDS 2/3 THE HEIGHT OF THE FILTER

**MAINTENANCE:**  
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY MEASURES USED TO TRAP SEDIMENT.  
ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.  
WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. THIS SHALL BE DONE AT AN AREA STABILIZED WITH CRUSHED STONE, WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**Charles W. Davidson Co.**  
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**PETER B. SMITH**  
REGISTERED PROFESSIONAL ENGINEER  
No. 46225  
Exp. 12-31-16  
CIVIL  
STATE OF CALIFORNIA

**Peter B. Smith**  
PETER B. SMITH  
RCE 46225 EXP. 12-31-16  
DATE: 6/22/16

Date:	6-22-16
Scale:	N.T.S.
Designed:	LS
Drawn:	
Checked:	
Proj. Engr:	
File:	1860

**ROUGH GRADING PLAN**  
**EROSION CONTROL PLAN**  
**6082 ALMADEN EXPRESSWAY**  
**MAZZONE SUBDIVISION**

SAN JOSE CALIFORNIA

PERMIT # 15-013740 GR  
PROJECT # 3-18273

PROJECT INSPECTOR: STEVE PLETSCH  
VOICE MAIL: (408) 591-0565

TENTATIVE CONSTRUCTION SCHEDULE

ROUGH GRADING COMPLETION	06/30/16
UNDERGROUND UTILITIES COMPLETED	09/30/16
PAVING COMPLETED	04/14/17

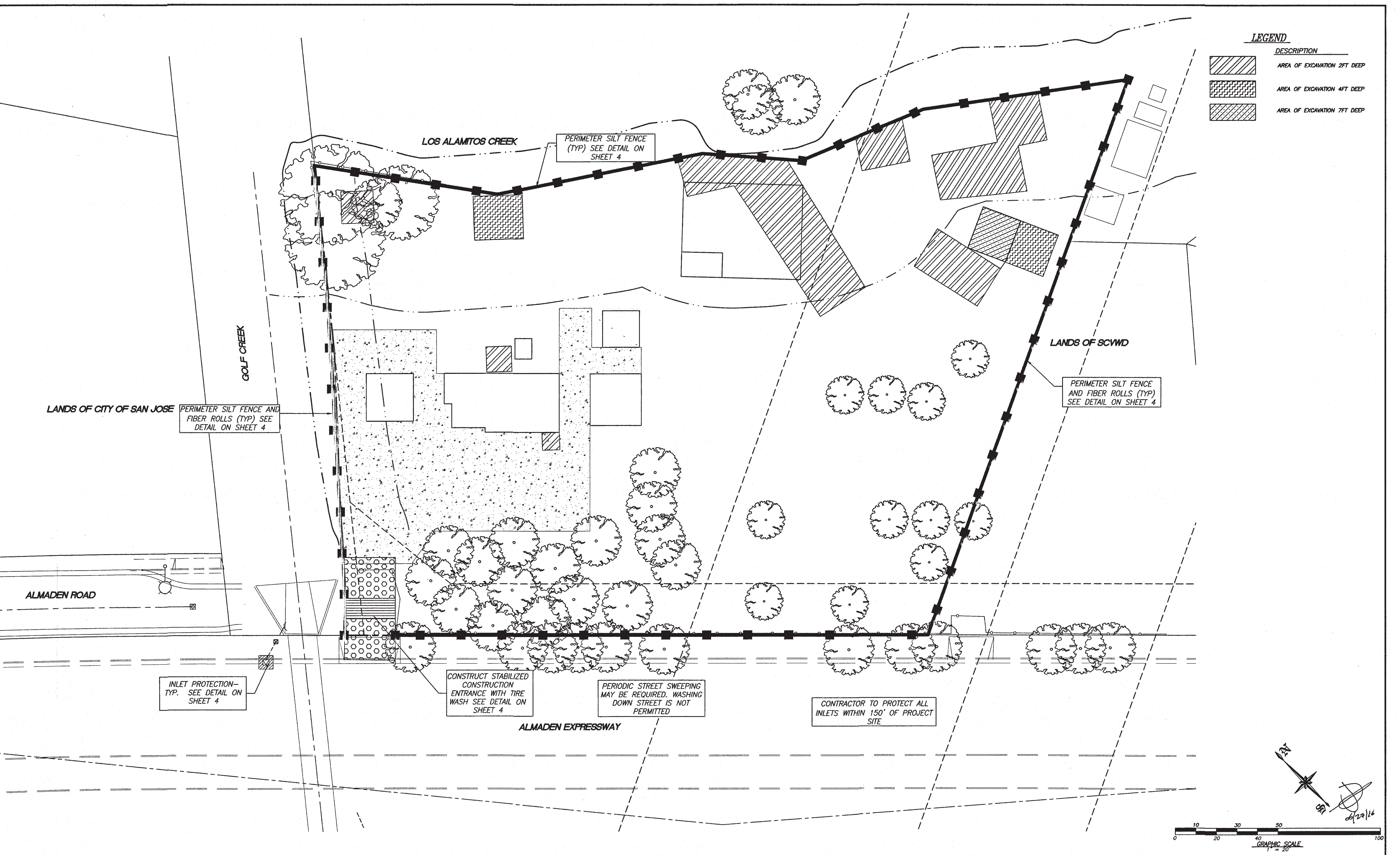
SHEET  
4  
OF 5 SHEETS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE DESIGN, CONSTRUCTION, AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. THE OWNER AND ALL AGENCIES SHALL BE RELEASED 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.

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F:\1860\DWG\ENGR GRADING - SOIL REMEDIATION\1860 SOIL REMEDIATION-EROSION CONTROL

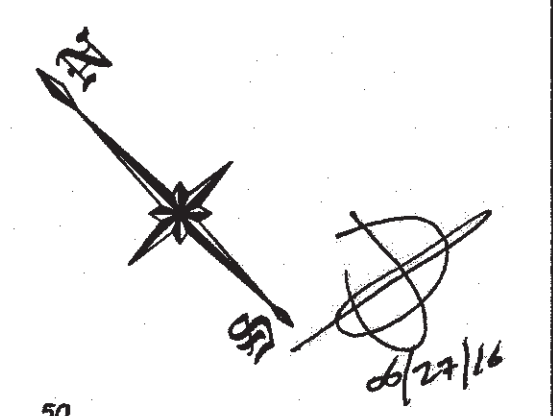


CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE PROTECTION OF ALL UTILITIES, AND SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.



**LEGEND**

DESCRIPTION
[Diagonal lines] AREA OF EXCAVATION 2FT DEEP
[Cross-hatching] AREA OF EXCAVATION 4FT DEEP
[Diagonal lines with dots] AREA OF EXCAVATION 7FT DEEP



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PETER B. SMITH  
 RCE 46225 EXP. 12-31-16  
 DATE: 6/22/16

Date:	6-22-16
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**ROUGH GRADING PLAN**  
**EROSION CONTROL PLAN**  
**6082 ALMADEN EXPRESSWAY**  
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SHEET  
**5**  
 OF 5 SHEETS