

GRADING NOTES

- THE ENGINEER OF WORK WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE OWNER SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
- A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE DIRECTOR OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.
- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF THE PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES.

SAN DIEGO GAS & ELECTRIC	1-800-227-2600
PACIFIC BELL	1-800-227-2600
CABLE TELEVISION	1-800-227-2600
OTAY WATER DISTRICT	1-800-227-2600
- PROTECTION OF EXISTING UTILITIES:

THE OWNER IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ANY PAVEMENT OR OTHER EXISTING SURFACE IMPROVEMENTS DAMAGED BY THE OWNER SHALL BE REPLACED AS REQUIRED BY THE COUNTY OF SAN DIEGO ENGINEERING DEPARTMENT. EXISTING UTILITIES SHOWN HEREON ARE PLOTTED FROM RECORD DATA AND MAY NOT NECESSARILY BE WHERE SHOWN. IT IS THE OWNER'S RESPONSIBILITY TO DETERMINE LOCATION PRIOR TO CONSTRUCTION.
- BRUSH REMOVAL:

BRUSH SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADED.

FINISH GRADING:

CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A GENERALLY UNIFORM SURFACE OR CROSS SECTION. THE FINAL SLOPES OF EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS DIRECTED BY THE ENGINEER OF WORK AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS, OR OTHER WASTE EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES SHALL BE REMOVED AND DISPOSED OF.
- GENERAL UTILITY NOTES

EXPLORATORY EXCAVATION REQUIRED:

OWNER WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF EXCAVATION TO PREVENT DAMAGE TO SAID UTILITIES.

ALL EXISTING UTILITIES WITHIN THE SITE, AND THOSE ADJACENT TO THE SITE WHICH ARE AFFECTED BY THE WORK PROPOSED TO BE DONE ARE SHOWN ON THIS PLAN. THE UTILITY COMPANIES HAVE REVIEWED THESE PLANS AND ARE SATISFIED WITH THE ARRANGEMENTS MADE BY THE PERMITTEE TO PROTECT OR RELOCATE THE UTILITIES.
- IT SHALL BE THE OWNER'S RESPONSIBILITY TO BACKFILL ALL WELLS, SEPTIC TANKS, AND CISTERNS FOUND ON SITE.
- EXISTING UTILITIES OR STRUCTURES ARE SHOWN ACCORDING TO THE RECORDS OF THE FOLLOWING COMPANIES AND HAVE BEEN EXAMINED TO VERIFY THAT THEY OWN NO UTILITIES OR STRUCTURES WHICH WILL BE AFFECTED BY THE PROPOSED GRADING.
- APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED.
- ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE ACCORDING TO THE PERIOD SPECIFIED IN THE MAJOR USE PERMIT.
- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE RECLAMATION PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO THE ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET, SIDEWALK, ALLEY, FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM OR ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM SETTLING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
- SLOPE RATIOS:

CUT - 0.5:1 (MAXIMUM) FOR SLOPES APPROVED BY SOILS ENGINEER

FILL - 2:1 (MAXIMUM) FOR ALL SLOPES

SHEET INDEX

SHEET 1	COVER SHEET
SHEET 2	PHASE 1 - SITE PREPARATION
SHEET 3	PHASE 2 (2A, 2B, & 2C) EXTRACTION
SHEET 4	PLAN: PHASE 3 (3A, 3B, 3C, & 3D) EXTRACTION
SHEET 5	FINAL EXTRACTION AND EASEMENTS
SHEET 6	OPEN SPACE MAP

- IF ANY ARCHAEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE DURING GRADING OPERATIONS, SUCH OPERATIONS WILL CEASE IMMEDIATELY AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS TO DO SO.
- ALL GRADING DETAILS WILL BE IN ACCORDANCE WITH THE COUNTY OF SAN DIEGO GRADING ORDINANCE AND STANDARD DRAWINGS DS-10, DS-11 AND SAN DIEGO REGIONAL STANDARD DRAWINGS.
- COMPACTION TESTING AND A COMPACTION REPORT IS REQUIRED FOR ALL FINISH PADS THAT ARE OVER 12" IN DEPTH.
- FINISHED GRADING SHALL BE CERTIFIED BY A REGISTERED CIVIL GEOTECHNICAL ENGINEER AND INSPECTED BY THE COUNTY ENGINEER FOR DRAINAGE CLEARANCE. (APPROVAL OF ROUGH GRADING DOES NOT CERTIFY FINISH GRADING BECAUSE OF POTENTIAL SURFACE DRAINAGE PROBLEMS THAT MAY BE CREATED BY LANDSCAPING ACCOMPLISHED AFTER ROUGH GRADING CERTIFICATION.)

PROJECT PHASING

THE PROPOSED MINERAL RESOURCE RECOVERY PROJECT WOULD CONSIST OF SITE PREPARATION FOR THE PROCESSING PLANT, EQUIPMENT AND A PHASED EXTRACTION AND BACKFILLING OPERATION. ONGOING BACKFILLING OF THE SITE DURING THE OPEN PIT EXTRACTION PHASE OF THE PROJECT WILL ALLOW RECLAMATION TO PROGRESS CONCURRENTLY WITH THE EXTRACTION OPERATION.

PHASE 1 - SITE PREPARATION

PHASE 1 INVOLVES SITE PREPARATION ACTIVITIES PRIOR TO MINING INCLUDING INITIAL GRADING TO ESTABLISH ACCESS ROUTES, EXTENDING WATER AND POWER SERVICE TO THE SITE, AND GRADING PAD AREAS FOR THE PROCESSING PLANT LOCATION. CONSTRUCTION OF THE PROCESSING PLANTS AND SITE OFFICE WILL ALSO BE COMMENCED.

PHASE 2 - EXTRACTION TO NATURAL GRADE ELEVATION

PHASE 2 WILL INVOLVE COMMENCEMENT OF EXTRACTIVE OPERATIONS WITHIN THE EXTRACTION FOOTPRINT. THIS PHASE IS DIVIDED INTO THREE SUB PHASES, WITH PHASE 2A OCCURRING IN THE NORTH AND ENDING WITH PHASE 2C IN THE SOUTH. PHASE 2 WILL CONSIST OF CUTTING THE LANDFORM TO THE NATURAL GRADE ELEVATION THAT EXISTS ALONG THE WESTERN PERIMETER OF THE SITE. THE NATURAL GRADE ELEVATION OF THE MESA (WEST OF THE SITE) RANGES BETWEEN 580 AND 630 FEET AMSL.

DURING PHASE 2, EXTRACTIVE OPERATIONS ARE EXPECTED TO REMOVE 21.1 MILLION TONS AND WILL CONTINUE FOR APPROXIMATELY 22 YEARS DEPENDING ON THE DEMAND FOR AGGREGATE RESOURCES.

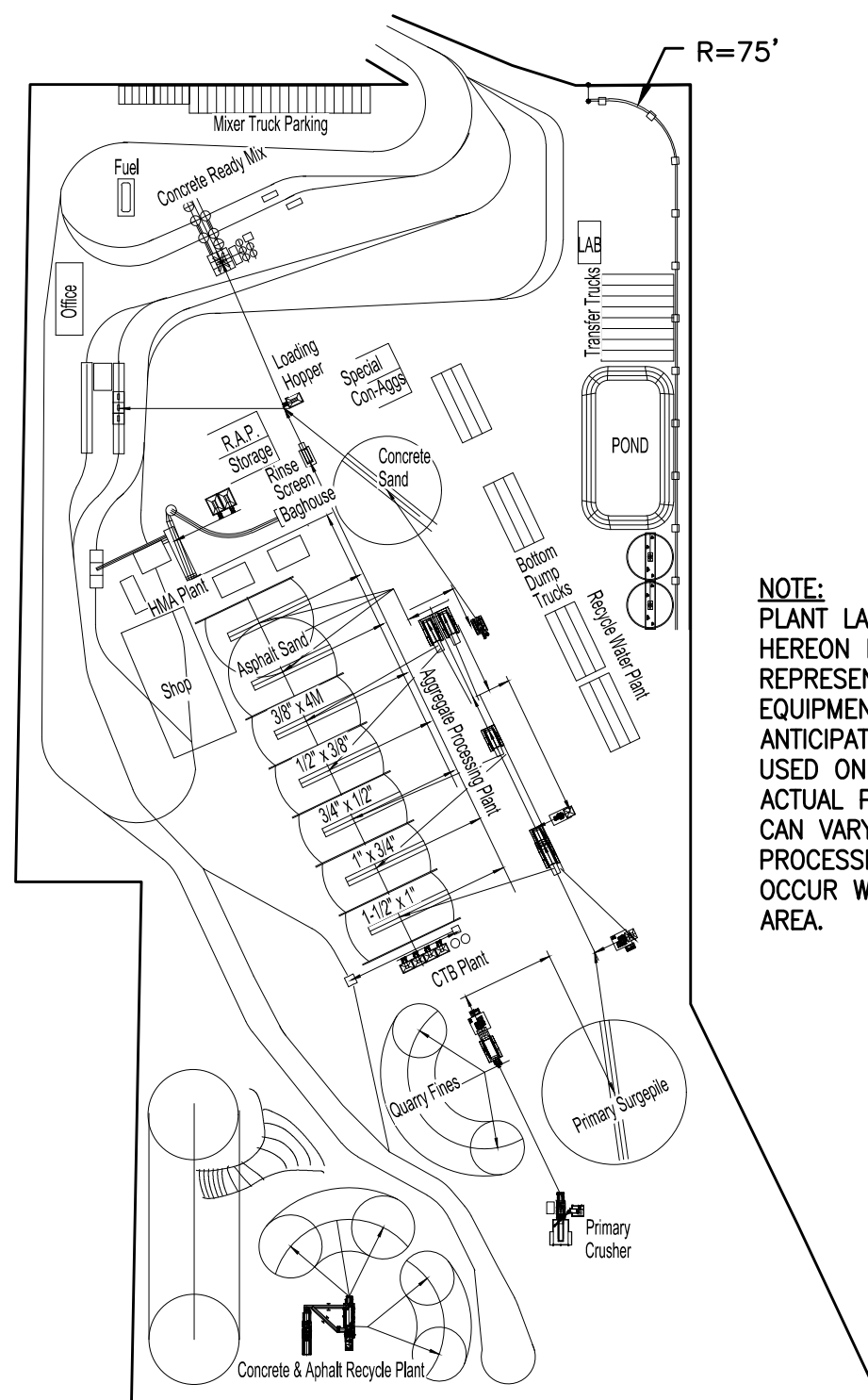
PHASE 3 - OPEN PIT EXTRACTION

LIKE PHASE 2, PHASE 3 IS DIVIDED INTO SUB PHASES. PHASES 3A THROUGH 3D WILL ALSO PROGRESS IN A NORTH TO SOUTH DIRECTION. EXTRACTION OPERATIONS THAT WILL OCCUR DURING PHASES 3B THROUGH 3D WILL EXTEND TO A MAXIMUM DEPTH OF APPROXIMATELY 525 FEET FROM THE EXISTING GRADE. AS PART OF THE RECLAMATION PROCESS, THE SITE WILL BE UTILIZED AS AN INERT DEBRIS ENGINEERED FILL OPERATION (IDEFO). BACKFILLING IS EXPECTED TO CONTINUE THROUGHOUT THE PHASE 3 OPERATIONS, ON A PHASE-BY-PHASE BASIS.

THE PHASE 3 OPERATIONS ARE EXPECTED TO REMOVE APPROXIMATELY 68.0 MILLION TONS AND WILL CONTINUE FOR APPROXIMATELY 68 YEARS, DEPENDING ON THE DEMAND FOR AGGREGATE RESOURCES.

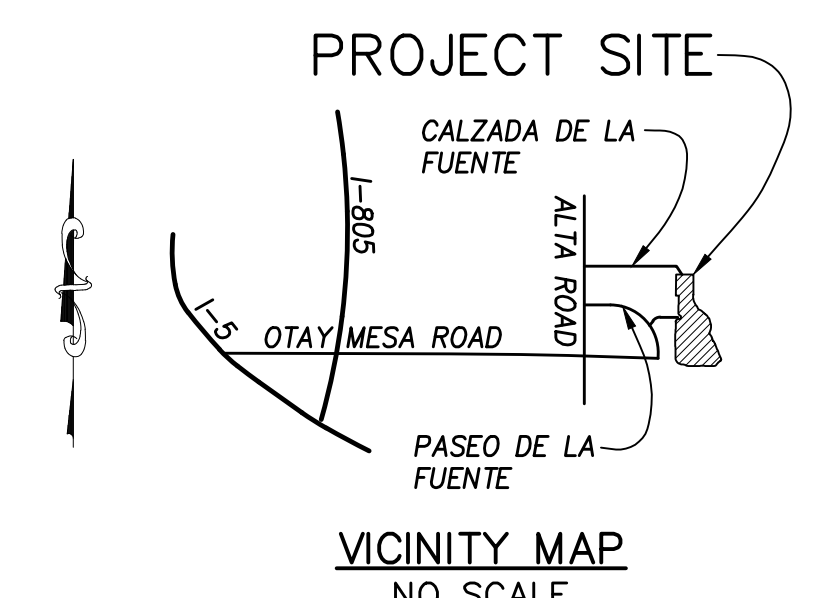
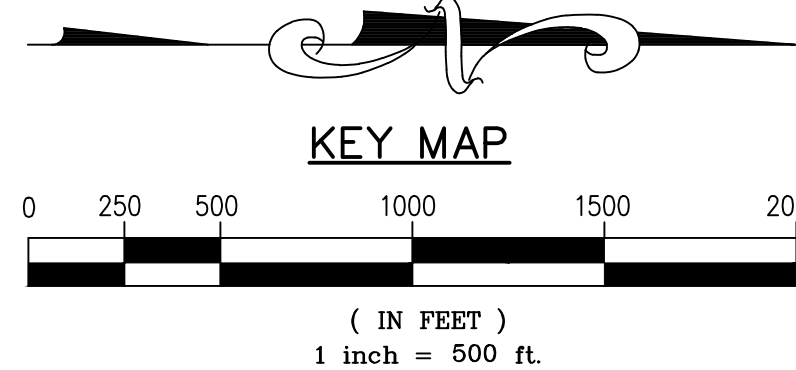
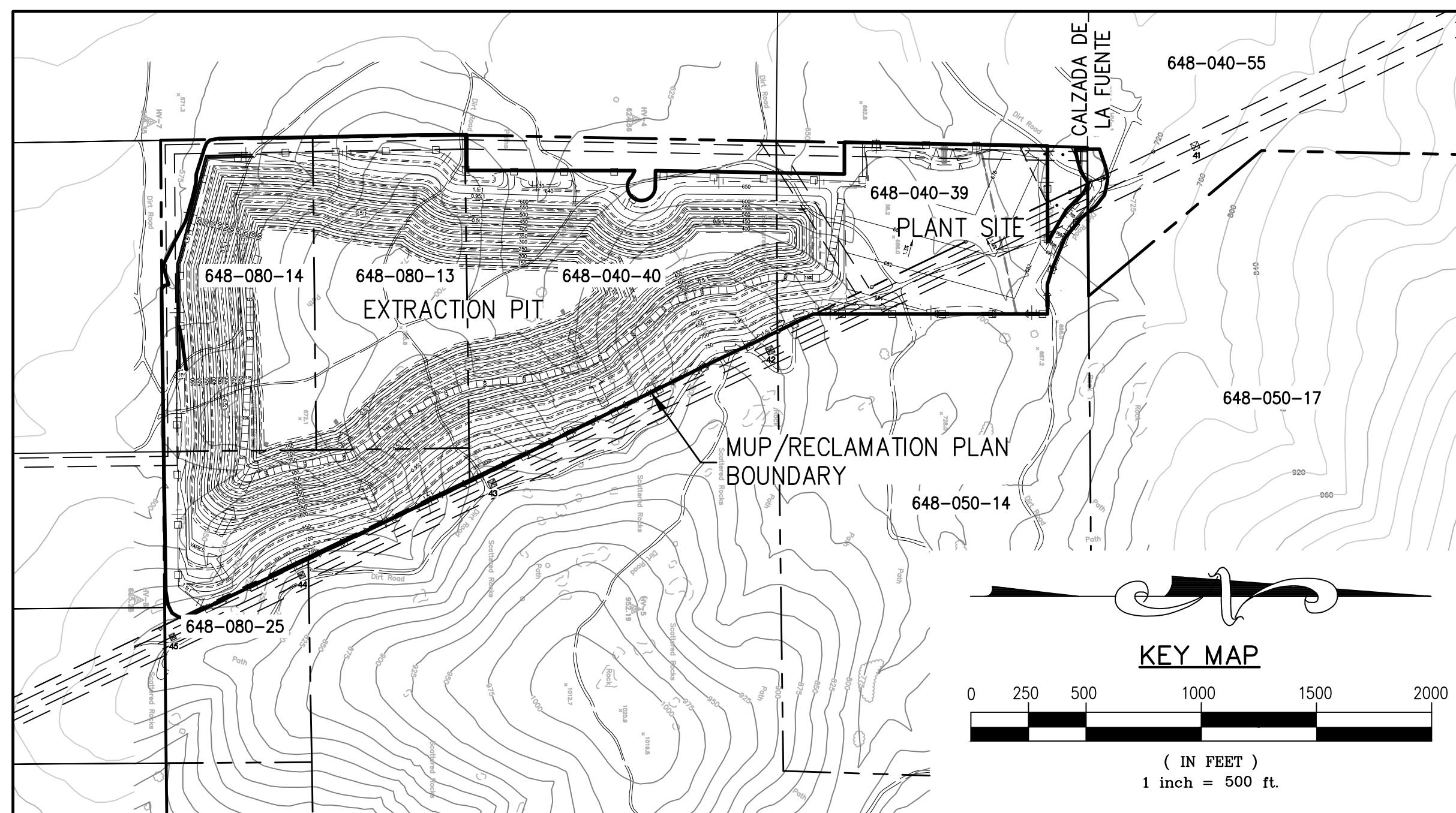
PHASE 4 (RECLAMATION) - INERT DEBRIS ENGINEERED FILL OPERATION (LANDFILL)

AS EXTRACTION OPERATIONS ADVANCE IN PHASE 3, THE PIT WILL BE BACKFILLED WITH INERT FILL MATERIAL (FILL DIRT) ON A PHASE-BY-PHASE BASIS. IT IS ANTICIPATED THAT THIS WILL REQUIRE APPROXIMATELY 32.0 MILLION CUBIC YARDS OF IMPORTED FILL MATERIAL AND WILL TAKE APPROXIMATELY 67 YEARS TO COMPLETE.



PLANT SITE DETAIL
1"=200'

OTAY HILLS QUARRY
MINERAL RESOURCE RECOVERY



SAN DIEGO GAS & ELECTRIC PERMISSION TO GRADE AND CONSTRUCT IMPROVEMENTS

PERMISSION IS HEREBY GRANTED TO SUPERIOR READY MIX (PERMITTEE), TO GRADE AND CONSTRUCT IMPROVEMENTS AS SHOWN ON THESE PLANS WITHIN SAN DIEGO GAS & ELECTRIC COMPANY'S EASEMENT(S) SUBJECT TO THE FOLLOWING CONDITIONS:

- SUBMITTALS:
 - PERMITTEE AGREES TO SUPPLY SDG&E WITH 'AS BUILT' GRADING, IMPROVEMENT AND PROFILE PLANS TO SDG&E SPECIFICATIONS, IF REQUESTED.
 - PERMITTEE AGREES TO SUBMIT FOR REVIEW AND APPROVAL A BLASTING PLAN PRIOR TO BLASTING, IF BLASTING IS REQUIRED.
- PRE-CONSTRUCTION MEETINGS: SDG&E'S LAND MANAGEMENT REPRESENTATIVE (LMR) MUST BE INVITED WITH AT LEAST THREE (3) WORKING DAYS PRIOR NOTICE.
- GRADING:
 - AT LEAST TWENTY-FOUR (24) HOURS NOTICE MUST BE GIVEN TO SDG&E'S LMR BEFORE START OF WORK.
 - FIELD CHANGES TO PLANS WITHIN SAID EASEMENT SHALL BE APPROVED IN WRITING BY SDG&E LMR.
 - PERMITTEE IS RESPONSIBLE TO CALL DIG ALERT AT 811 FOR ALL UNDERGROUND MARK-OUT LOCATIONS.
 - CLEARANCE OF (35) FEET MINIMUM BETWEEN THE SDG&E ELECTRIC TRANSMISSION WIRES AND THE NATURAL GROUND SHALL BE MAINTAINED ON ANY GIVEN DAY, NOTING LINE SAGS VARY DEPENDING ON AMBIENT TEMPERATURE AND LINE CURRENT. ALL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO OSHA, CAL-OSHA, ANSI, NIOSH, AND NEC FOR CLEARANCES WHEN WORKING AROUND ENERGIZED ELECTRICAL FACILITIES MUST BE MAINTAINED.
 - NO GRADING SHALL BE ALLOWED WITHIN TEN (10) FEET OF A SINGLE WOOD POLE STRUCTURE OR ANCHOR, WITHIN FIFTEEN (15) FEET OF MULTI-WOOD POLES, WITHIN TWENTY (20) FEET OF STEEL LATTICE TOWERS OR WITHIN THIRTY (30) FEET OF STEEL POLES.
 - SDG&E RESERVES THE RIGHT TO INSPECT AND PERFORM QUALITY CONTROL WORK DURING CONSTRUCTION.
- SPECIAL CONDITIONS:
 - SDG&E ACCESS ROAD LOCATED AT SOUTHERN END OF SITE AND CURRENTLY SHOWN TRAVERSING THE PIT AREA TO BE RELOCATED TO THE LOCATION SHOWN ON THE GRADING PLAN PRIOR TO GRADING OR EXCAVATION IN THE SOUTHERN AREA OF THE PIT. ONCE THE SDG&E ACCESS ROAD IS RELOCATED PERMITTEE WILL PROVIDE LEGAL DESCRIPTION AND PLAT TO SDG&E OF THE NEW LOCATION AND THE EXISTING ROAD LOCATION. SAID LEGAL DESCRIPTIONS TO BE USED IN AN AMENDMENT TO THE ACCESS ROAD EASEMENT, FILED SEPTEMBER 10, 1985 AS DOCUMENT 85-352966, THAT WILL BE SIGNED BY PERMITTEE AND SDG&E TO FORMALLY DOCUMENT THE NEW LOCATION OF THAT PORTION OF THE ACCESS ROAD.
 - IF IN THE OPINION OF SDG&E, THERE HAS BEEN AN EXCESS ACCUMULATION OF CONTAMINANTS ON THE INSULATORS ON THE TRANSMISSION TOWERS ADJACENT TO THE QUARRY AND RELATED TO THE OPERATIONS OF THE QUARRY, PERMITTEE HEREBY AGREES TO REIMBURSE SDG&E FOR ITS REASONABLE DIRECT COSTS TO WASH THE INSULATORS ON SDG&E TRANSMISSION TOWERS Z284003, Z284004, Z284005 AND Z284006.
 - 12K CIRCUIT ON-SITE FOR TOWER LIGHTS TO BE RE-ROUTED AT TIME OF CONSTRUCTION.
- EROSION CONTROL:
 - ALL DISTURBED AND CREATED SLOPES, WITHIN THE SDG&E TRANSMISSION EASEMENT, SHALL BE TREATED AND FINISHED IN ACCORDANCE WITH COUNTY OF SAN DIEGO GRADING AND RECLAMATION PLANS.
 - ALL DRAINAGE SHALL BE DESIGNED TO PREVENT EROSION OF SDG&E EASEMENT AND ACCESS ROADS.
- STORAGE: OTHER THAN AS SHOWN ON THIS PLAN, THIS PERMISSION TO GRADE LETTER DOES NOT PERMIT STORAGE OF EQUIPMENT, MATERIALS, DIRT OR DEBRIS ON THE EASEMENT OR SDG&E FEE OWNED PROPERTY.
- ACCESS:
 - ACCESS TO ALL SDG&E FACILITIES SHALL BE MAINTAINED AT ALL TIMES. ALL COSTS ASSOCIATED WITH RESTORATION OF ACCESS AND ALL ASSOCIATED DAMAGES SHALL BE BORNE BY PERMITTEE.
 - ALL GATES SHALL PROVIDE FOR SDG&E ACCESS BY PADLOCK, LOCK-BOX OR KEYPAD BYPASS BOTH DURING AND UPON COMPLETION OF CONSTRUCTION. LOCATION AND CONSTRUCTION OF GATES TO BE APPROVED BY SDG&E LMR.
- OUTSTANDING AGREEMENTS: PERMITTEE AGREES TO PAY FOR, SIGN AND/OR HAVE SIGNED ALL CONSENT AGREEMENTS, CONSENT TO USE LAND AGREEMENTS AND/OR JOINT USE AGREEMENTS BETWEEN SDG&E AND OWNER OR PUBLIC AGENCIES WHO ENCROACH UPON THE SDG&E EASEMENTS. SAID AGREEMENTS WILL BE SUBJECT TO THE REVOCABILITY CLAUSE AS STATED IN THE CALIFORNIA PUBLIC UTILITIES COMMISSION GENERAL ORDER 69-C AS SHOWN ON WEB SITE: <http://www.cpuc.ca.gov/PUBLISHED/GRAPHICS/645.PDF>.
- INDEMNIFICATION:
 - PERMITTEE AGREES TO ASSUME ALL RISK OF LOSS, DAMAGE TO PROPERTY AND/OR INJURY AND/OR DEATH TO PERSONS, AND TO INDEMNIFY AND HOLD SDG&E HARMLESS FROM ANY AND ALL LIABILITY IN ANY WAY ARISING FROM THE PROPOSED GRADING OR CONSTRUCTION OF IMPROVEMENTS.
 - SDG&E SHALL NOT BE RESPONSIBLE IN ANY MANNER FOR ANY MAINTENANCE OR REPAIR OF THE PROPOSED GRADING OR IMPROVEMENTS. THIS INCLUDES, BUT IS NOT LIMITED TO, DRAINAGE AND/OR EROSION PROBLEMS OR DAMAGE CAUSED BY IMPROVEMENTS THAT WERE NOT CONSTRUCTED TO TAKE THE WEIGHT OR ACTIVITIES OF VEHICLES AND EQUIPMENT OWNED BY OR WORKING ON BEHALF OF SDG&E.
- TERMS AND CONDITIONS: THE TERMS AND CONDITIONS OF THIS APPROVAL SHALL BENEFIT AND BIND PERMITTEE ITS SUCCESSORS, ASSIGNS, AGENTS OR CONTRACTORS.
- CONTACT: SDG&E LAND SERVICES, 619-696-2000. SDG&ELANDSERVICES@SDGE.COM

SAN DIEGO GAS & ELECTRIC COMPANY
 APPROVED BY: _____ DATE: _____
 LAND MANAGEMENT REP

No.	Description	Approved by	Date
	ORIGINAL		5-5-13

PERMITS
 HABITAT LOSS PERMIT NO. _____
 N.O.I. NO. _____
 SPECIFIC PLAN AMENDMENT _____
 SPECIAL USE PERMIT NO. _____
 GRADING PERMIT NO. _____
 TENTATIVE MAP NO. _____

BENCHMARK
 DESCRIPTION: COUNTY STATION 0051 007 01
 LOCATION: SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
 RECORD FROM: COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
 ELEVATION: 733.46 FEET DATUM: NGVD

PRIVATE CONTRACT
 SHEET 1 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 6 SHEETS
 PLOT PLAN FOR: **OTAY HILLS**
 COVER SHEET
 CALIFORNIA COORDINATE INDEX: 146-1797
 Approved COUNTY ENGINEER BY: WAYNE W. CHANG R.C.E. 46548
 Engineer of work: WAYNE W. CHANG R.C.E. 46548
 Grading Permit No. _____

LEGAL DESCRIPTION

THE REAL PROPERTY CONSISTS OF PARCELS WITHIN THE FOLLOWING AREAS WITHIN TOWNSHIP 18 SOUTH, RANGE 1 EAST, SAN BERNARDINO MERIDIAN:

- A PORTION OF THE NORTHEAST QUARTER OF SECTION 30
- A PORTION OF THE NORTHWEST QUARTER OF SECTION 29 AND THE NORTHEAST QUARTER OF SECTION 30
- A PORTION OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 29
- A PORTION OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF SECTION 29
- A PORTION OF THE EAST ONE HALF OF THE NORTHEAST QUARTER OF SECTION 30 AND A PORTION OF THE NORTHWEST QUARTER OF SECTION 29
- THE WEST ONE HALF OF THE SOUTHWEST QUARTER OF SECTION 29, A PORTION OF THE SOUTHWEST QUARTER OF SECTION 29, TOGETHER WITH THE NORTH ONE HALF OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 32 AND A PORTION OF THE NORTH ONE HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 32
- A PORTION OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 32
- A PORTION OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 32

PROJECT DESCRIPTION

THE PROJECT PROPOSES A MINERAL RESOURCE RECOVERY OPERATION AND ASSOCIATED ACTIVITIES TO CREATE CONSTRUCTION AGGREGATES AND MATERIALS. DURING AND AFTER MINERAL RESOURCE RECOVERY OPERATIONS, THE OPEN PIT WILL SERVE AS A RECEIVER SITE FOR INERT DEBRIS SUCH AS CONCRETE, ASPHALT, ROCK, AND SOIL. THE PLOT PLAN ALLOWS OVER 89.2 MILLION TONS OF EXCAVATION. MINERAL RESOURCE RECOVERY OPERATIONS WILL BE THROUGH THE USE OF DRILLING AND BLASTING TO FRACTURE ROCKS, WHICH WILL THEN BE CRUSHED AND SORTED. CONCRETE AND ASPHALT BATCH PLANTS, AND CEMENT TREATED BASE AND RECYCLED CTB PLANTS WILL BE LOCATED ON-SITE. SITE ACCESS WILL BE FROM ALTA ROAD.

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2003 EDITION), THE REGIONAL SUPPLEMENT AMENDMENTS (2003 EDITION), THE SAN DIEGO AREA REGIONAL STANDARD DRAWINGS (DATED JULY 2000).

OWNERS

OTAY HILLS, LLC 1508 MISSION ROAD ESCONDIDO, CA 92029 (760) 745-0556
 RANCHO VISTA DEL MAR, D&D LANDHOLDINGS AND KYDDL & RDLFG FT NO 1 LLC, C/O NATIONAL ENTERPRISES 5440 MOREHOUSE DRIVE, SUITE 4000 SAN DIEGO, CA 92121

PERMITTEE

SUPERIOR READY MIX CONCRETE 1508 W. MISSION ROAD ESCONDIDO, CA 92029 (760) 745-0556

ASSESSOR'S PARCEL NUMBERS

648-050-13, & 14 648-040-39, 40, 55
 648-080-13, 14, & 25

DISCRETIONARY REVIEW APPROVAL

THIS PLAN IS PROVIDED TO ALLOW FOR FULL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMISSIONS BEFORE COMMENCING SUCH ACTIVITY.

DECLARATION OF RESPONSIBLE CHARGE

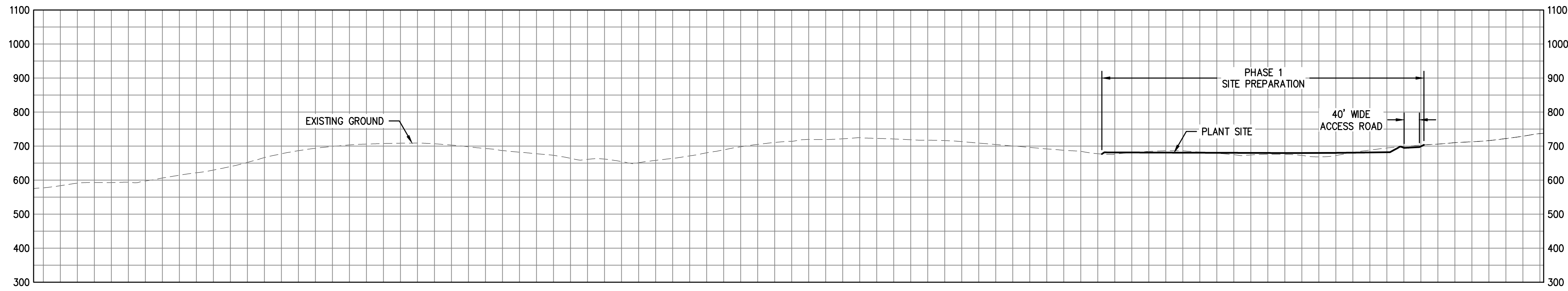
I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

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

WAYNE W. CHANG
 CHANG CONSULTANTS
 P.O. BOX 9496
 RANCHO SANTA FE, CA 92067
 PHONE: (858) 692-0760

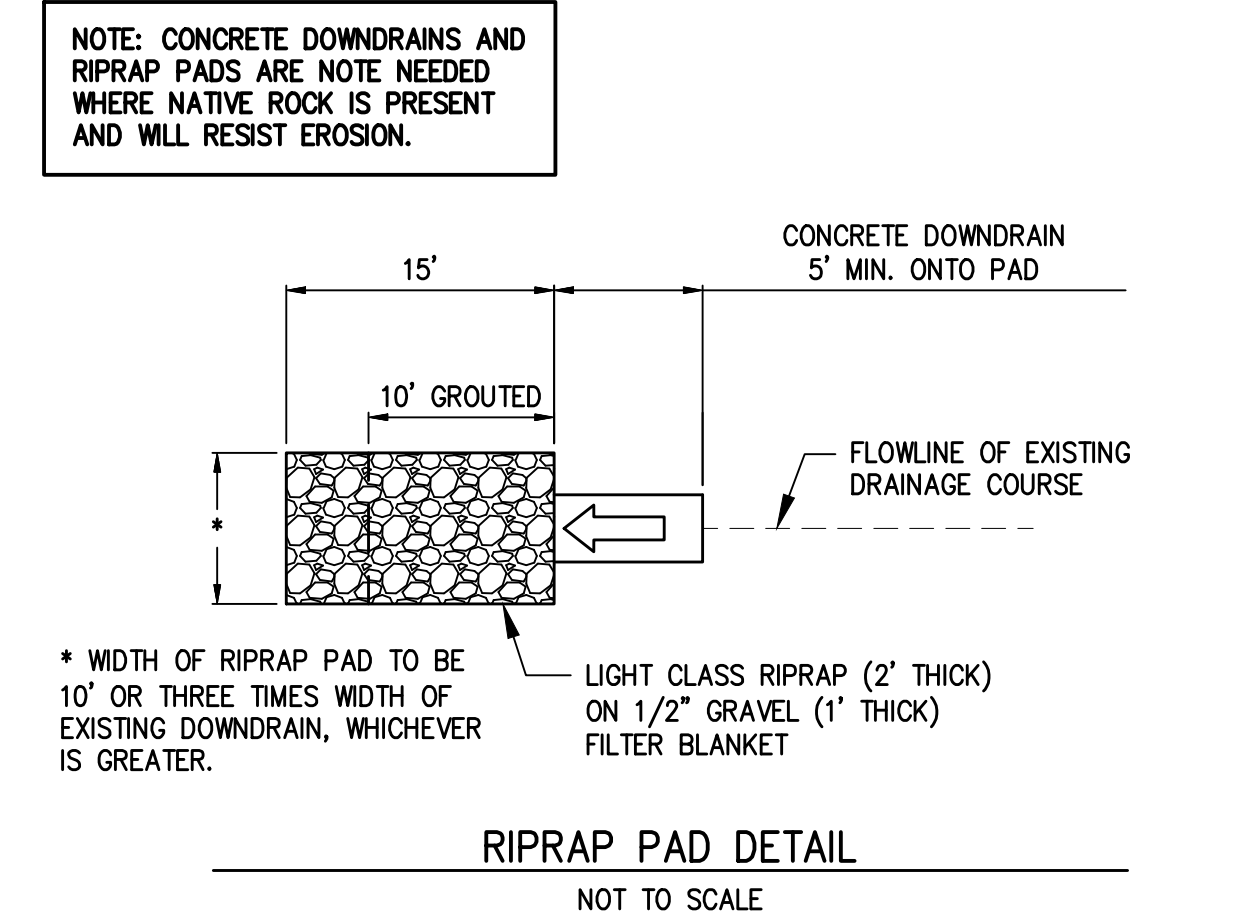
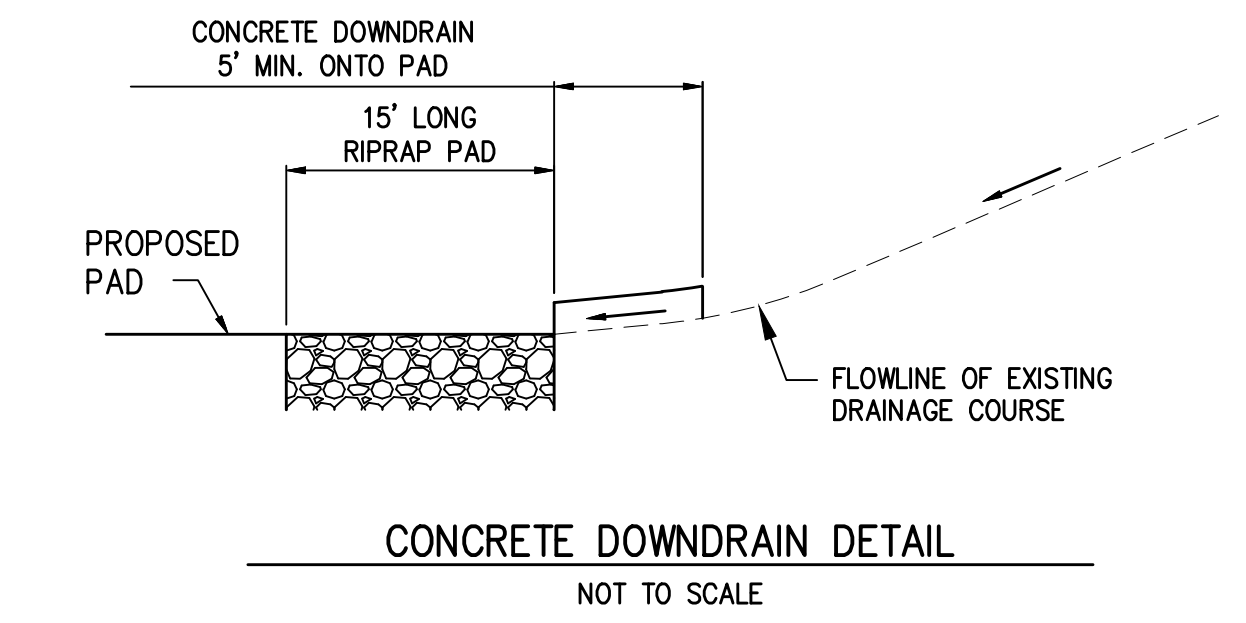
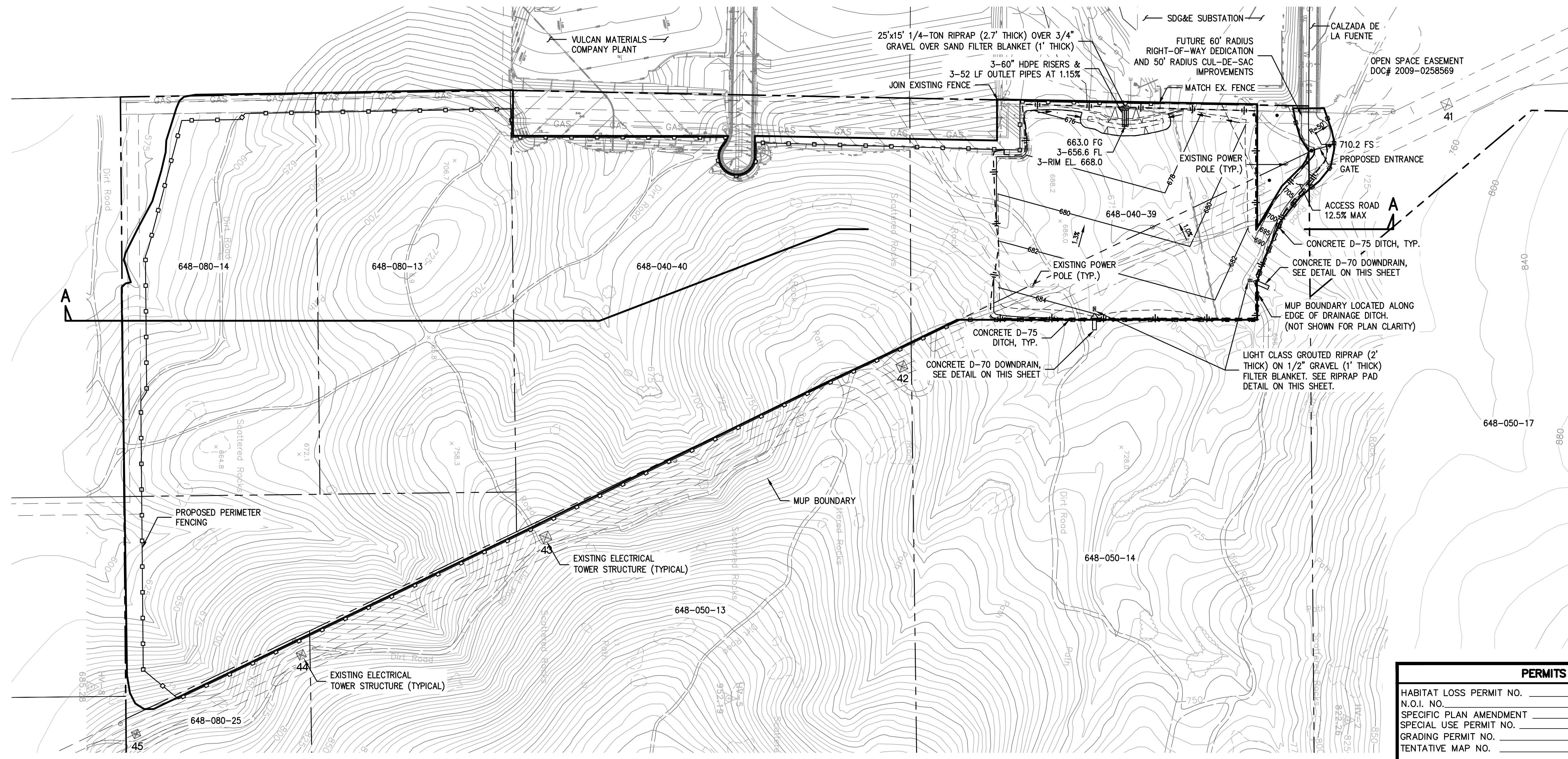
BY: WAYNE W. CHANG, R.C.E. 46548 DATE: _____

FOR REVIEW ONLY ENGINEER'S NAME: CHANG CONSULTANTS PHONE NO. (858) 692-0760



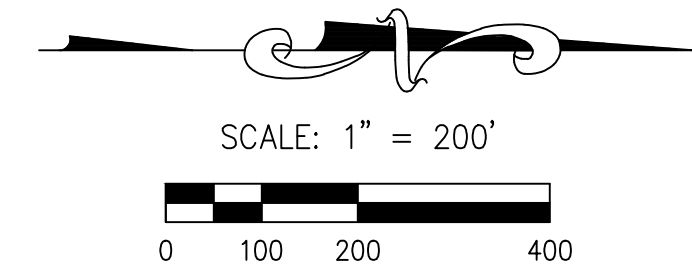
SECTION: A-A
SCALE: HORIZ. 1"=200' VERT. - 1"=200'

NOTE:
SEE SHEET 5 FOR EASEMENTS AND BOUNDARY INFORMATION
EARTHWORK QUANTITIES:
84,800 CY CUT (186,560 TONS)
84,800 CY FILL (186,560 TONS)



NOTE: CONCRETE DOWNDRAINS AND RIPRAP PADS ARE NOTE NEEDED WHERE NATIVE ROCK IS PRESENT AND WILL RESIST EROSION.

PLAN: PHASE 1 SITE PREPARATION
SCALE: 1"=200'

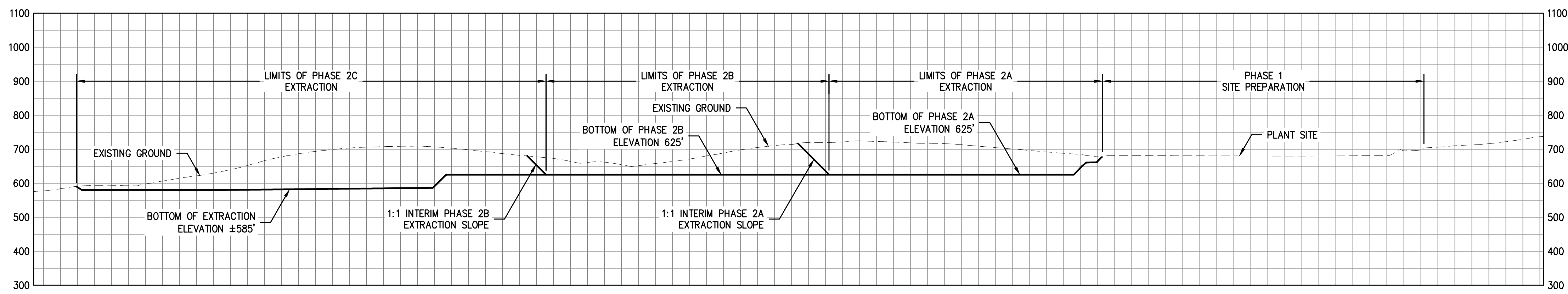


PERMITS		PRIVATE CONTRACT	
HABITAT LOSS PERMIT NO. _____		COUNTY OF SAN DIEGO	
N.O.I. NO. _____		DEPARTMENT OF PUBLIC WORKS	
SPECIFIC PLAN AMENDMENT _____		SHEET 2 OF 6 SHEETS	
SPECIAL USE PERMIT NO. _____		PLOT PLAN FOR:	
GRADING PERMIT NO. _____		OTAY HILLS	
TENTATIVE MAP NO. _____			
COUNTY APPROVED CHANGES		BENCHMARK	
No.	Description	Approved by	Date
ORIGINAL			5-5-13
DESCRIPTION: COUNTY STATION 0051 007 01		ELEVATION: 733.46 FEET DATUM: NGVD	
LOCATION: SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83		CALIFORNIA COORDINATE INDEX: 146-1797	
RECORD FROM: COUNTY OF SAN DIEGO CONTROL POINT INVENTORY		Approved COUNTY ENGINEER	
ELEVATION: 733.46 FEET DATUM: NGVD		BY: WAYNE W. CHANG R.C.E. 46548	
		Engineer of work	
		Grading Permit No. _____	

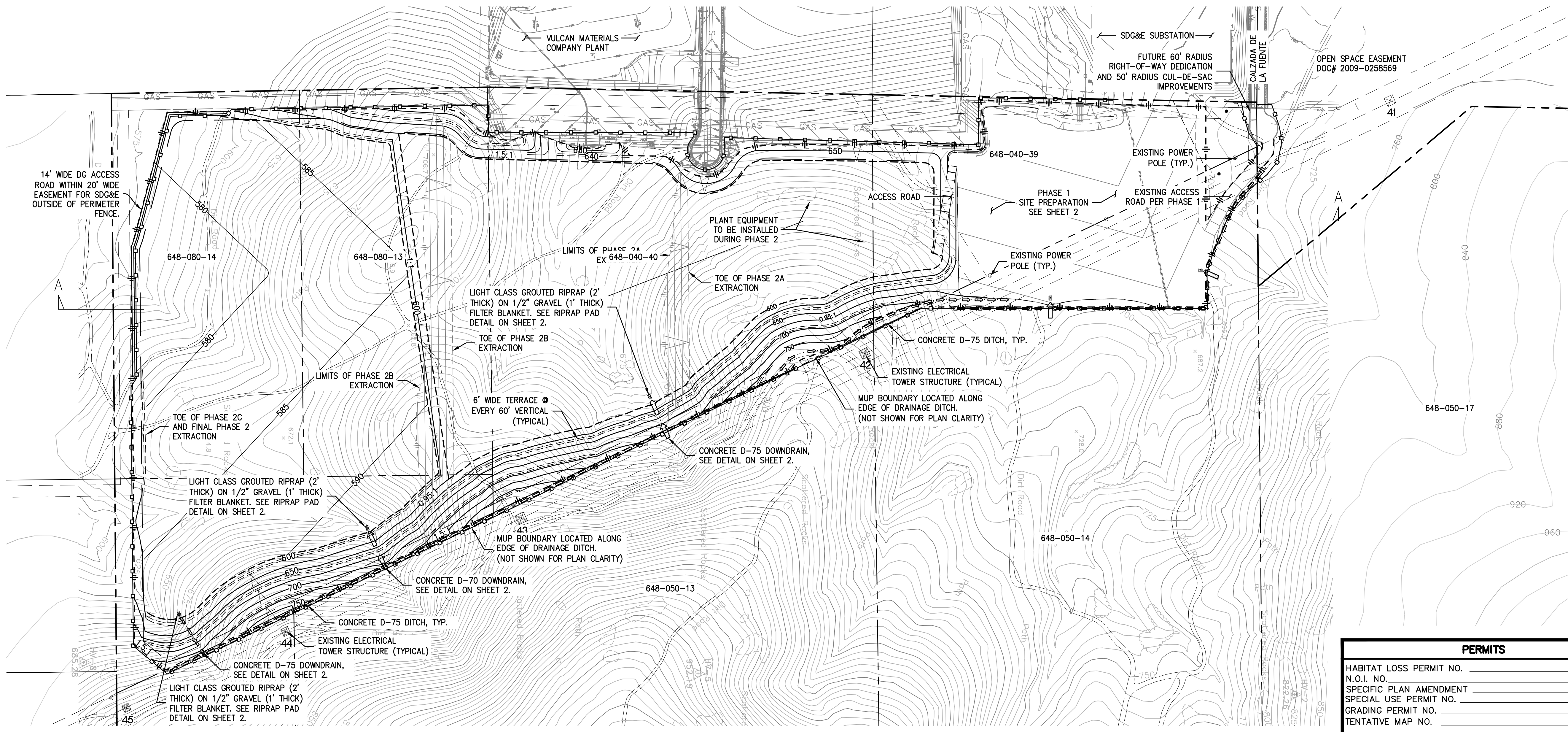
FOR REVIEW ONLY

ENGINEER'S NAME: CHANG CONSULTANTS
PHONE NO. (858) 692-0760

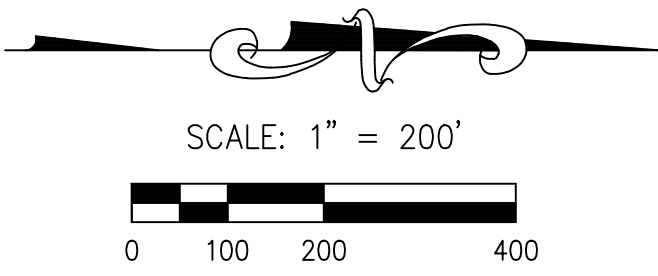
NOTE:
 SEE SHEET 5 FOR EASEMENTS AND BOUNDARY INFORMATION
EXTRACTION QUANTITIES:
 PHASE 2A 1,907,200 CY EXTRACTION (4,195,840 TONS)
 PHASE 2B 2,158,000 CY EXTRACTION (4,747,600 TONS)
 PHASE 2C 4,778,000 CY EXTRACTION (10,511,600 TONS)



SECTION: A-A
 SCALE: HORIZ. 1"=200' VERT. - 1"=200'



PLAN: PHASE 2 (2A, 2B, & 2C) EXTRACTION
 SCALE: 1"=200'



PERMITS		PRIVATE CONTRACT	
HABITAT LOSS PERMIT NO.		SHEET	6
N.O.I. NO.		COUNTY OF SAN DIEGO	SHEETS
SPECIFIC PLAN AMENDMENT		DEPARTMENT OF PUBLIC WORKS	
SPECIAL USE PERMIT NO.		PLOT PLAN FOR:	
GRADING PERMIT NO.		OTAY HILLS	
TENTATIVE MAP NO.		PHASE 2 (2A, 2B, & 2C) EXTRACTION	
CALIFORNIA COORDINATE INDEX: 146-1797		Approved	
COUNTY ENGINEER		Engineer of work	
BY:		WAYNE W. CHANG R.C.E. 46548	
Date		Grading Permit No.	

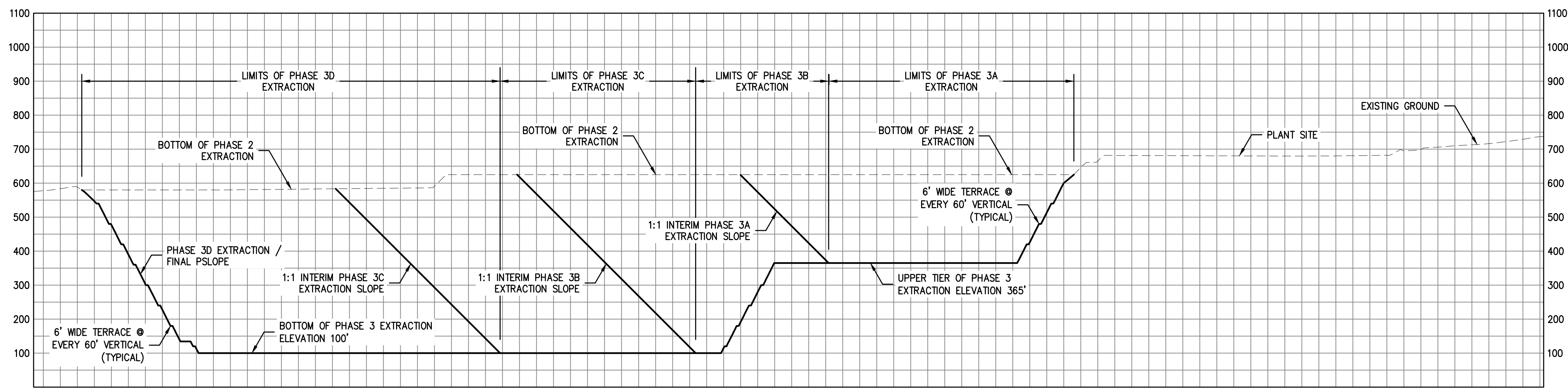
COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
ORIGINAL			5-5-13

BENCHMARK	
DESCRIPTION:	COUNTY STATION 0051 007 01
LOCATION:	SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
RECORD FROM:	COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
ELEVATION:	733.46 FEET DATUM: NGVD

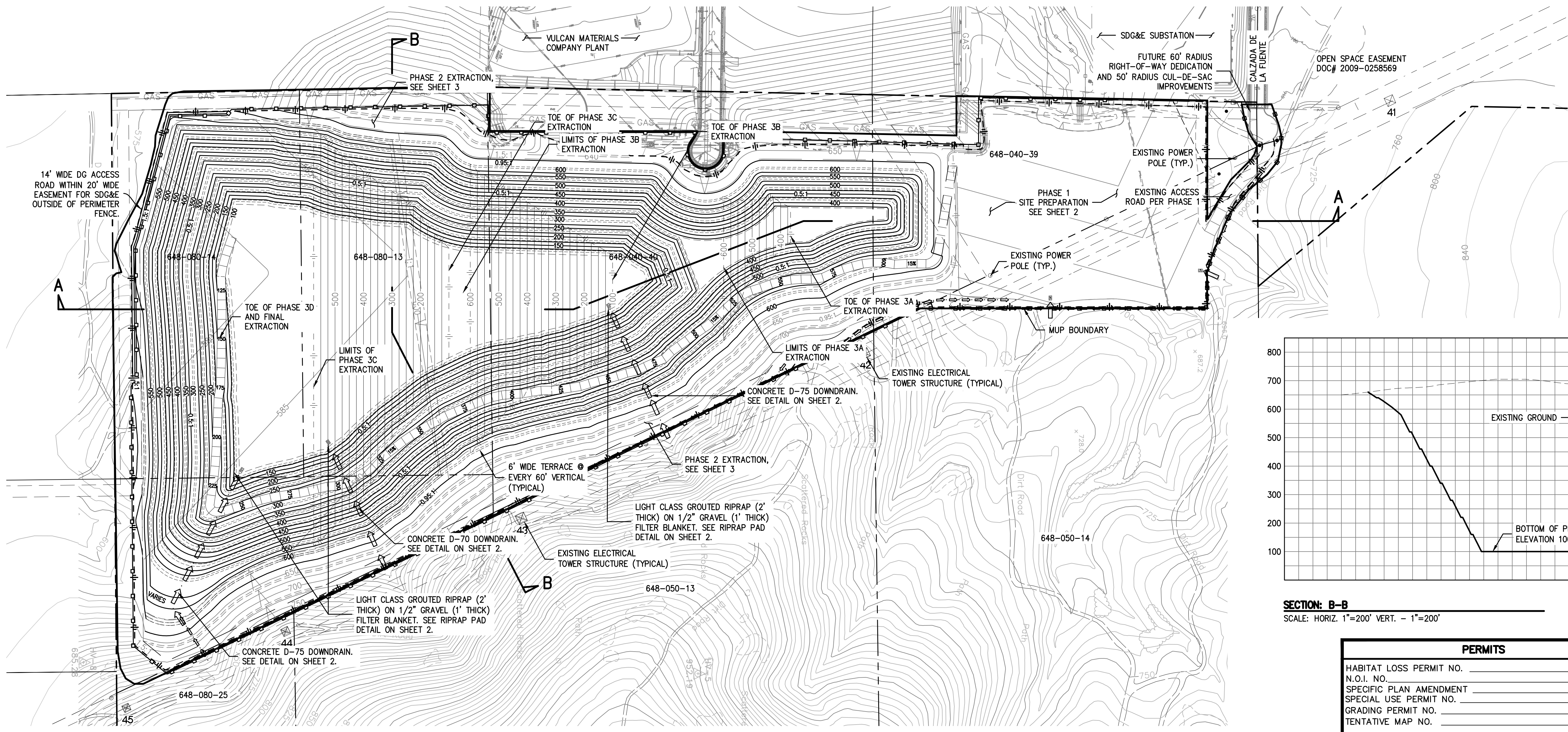
FOR REVIEW ONLY

ENGINEER'S NAME: CHANG CONSULTANTS
 PHONE NO. (858) 692-0760

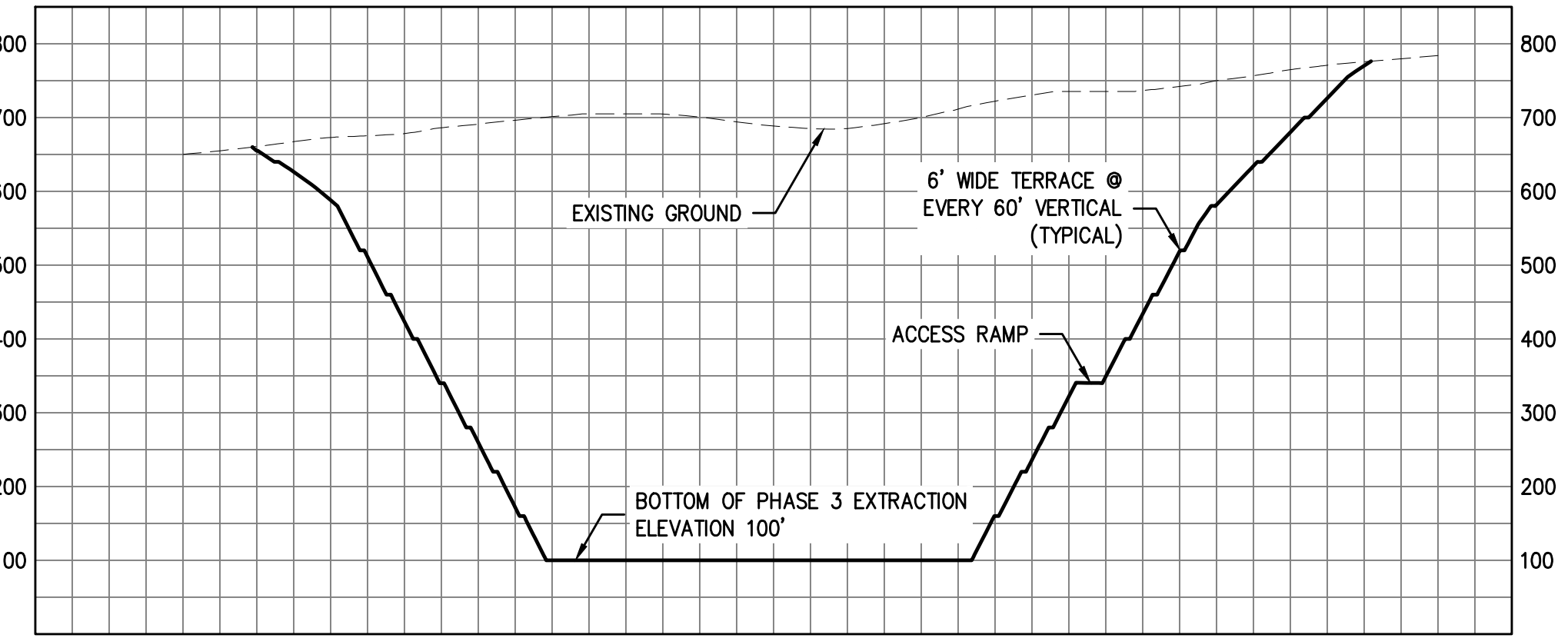
NOTE:
 SEE SHEET 5 FOR EASEMENTS AND BOUNDARY INFORMATION
EXTRACTION QUANTITIES:
 PHASE 3A 1,335,000 CY EXTRACTION (2,937,000 TONS)
 PHASE 3B 5,524,000 CY EXTRACTION (12,152,800 TONS)
 PHASE 3C 8,298,000 CY EXTRACTION (18,255,00 TONS)
 PHASE 3D 14,821,800 CY EXTRACTION (32,607,960 TONS)



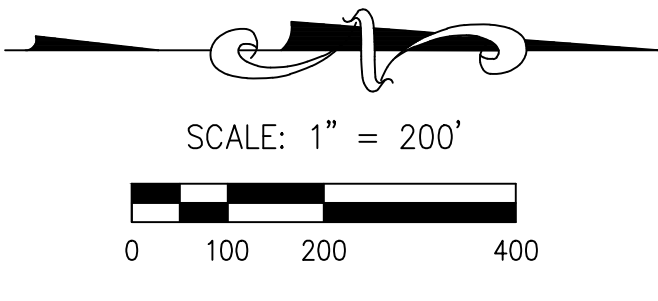
SECTION: A-A
 SCALE: HORIZ. 1"=200' VERT. - 1"=200'



PLAN: PHASE 3 (3A, 3B, 3C, & 3D) EXTRACTION
 SCALE: 1"=200'

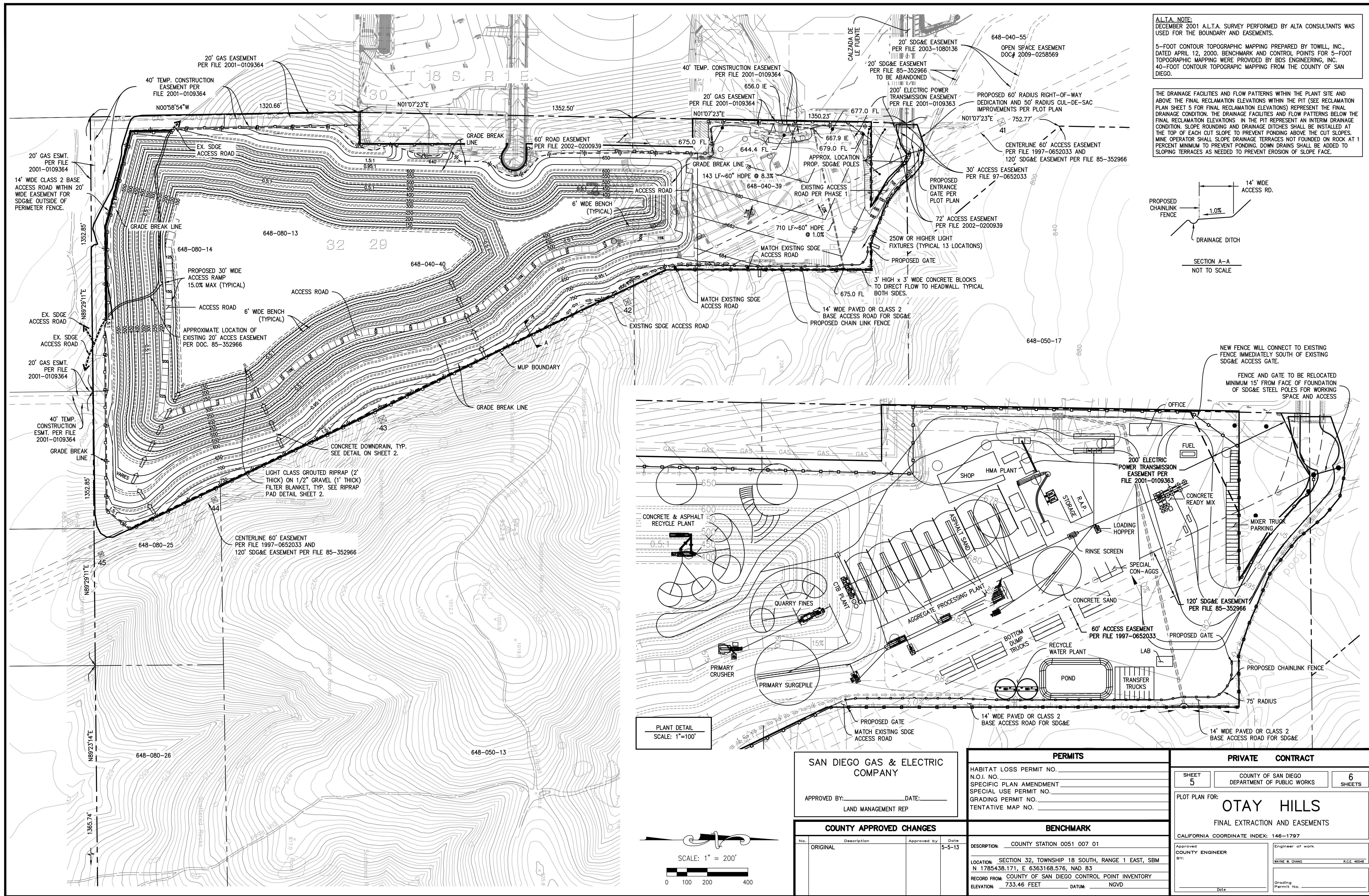


SECTION: B-B
 SCALE: HORIZ. 1"=200' VERT. - 1"=200'



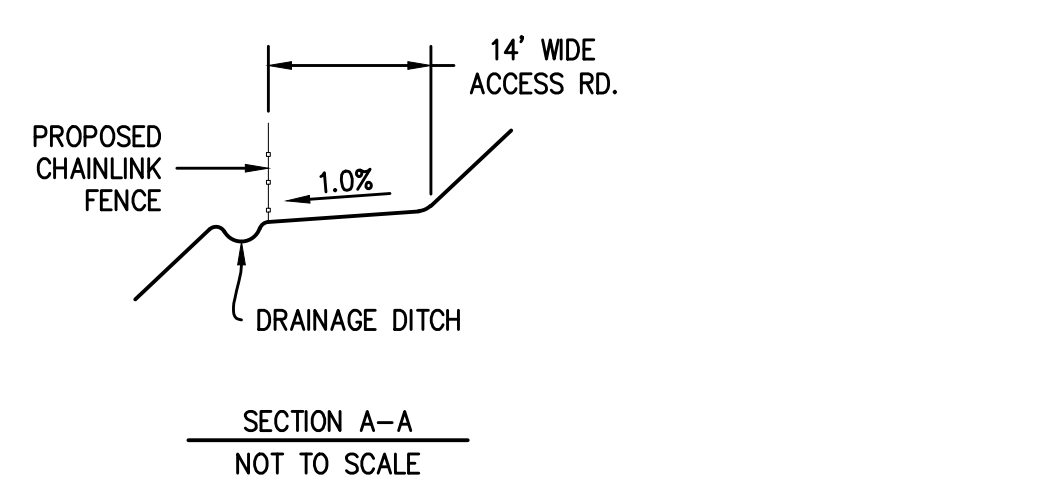
PERMITS		PRIVATE CONTRACT	
HABITAT LOSS PERMIT NO. _____		COUNTY OF SAN DIEGO	
N.O.I. NO. _____		DEPARTMENT OF PUBLIC WORKS	
SPECIFIC PLAN AMENDMENT _____		SHEET 4	
SPECIAL USE PERMIT NO. _____		6 SHEETS	
GRADING PERMIT NO. _____		PLOT PLAN FOR:	
TENTATIVE MAP NO. _____		OTAY HILLS	
		PLAN: PHASE 3 (3A, 3B, 3C, & 3D) EXTRACTION	
		CALIFORNIA COORDINATE INDEX: 146-1797	
COUNTY APPROVED CHANGES		BENCHMARK	
No.	Description	Approved by	Date
ORIGINAL			5-5-13
DESCRIPTION: COUNTY STATION 0051 007 01		Approved COUNTY ENGINEER	
LOCATION: SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM		BY: WAYNE W. CHANG	
RECORD FROM: COUNTY OF SAN DIEGO CONTROL POINT INVENTORY		E.C.C. 46548	
ELEVATION: 733.46 FEET		Grading Permit No. _____	
		Date _____	

FOR REVIEW ONLY



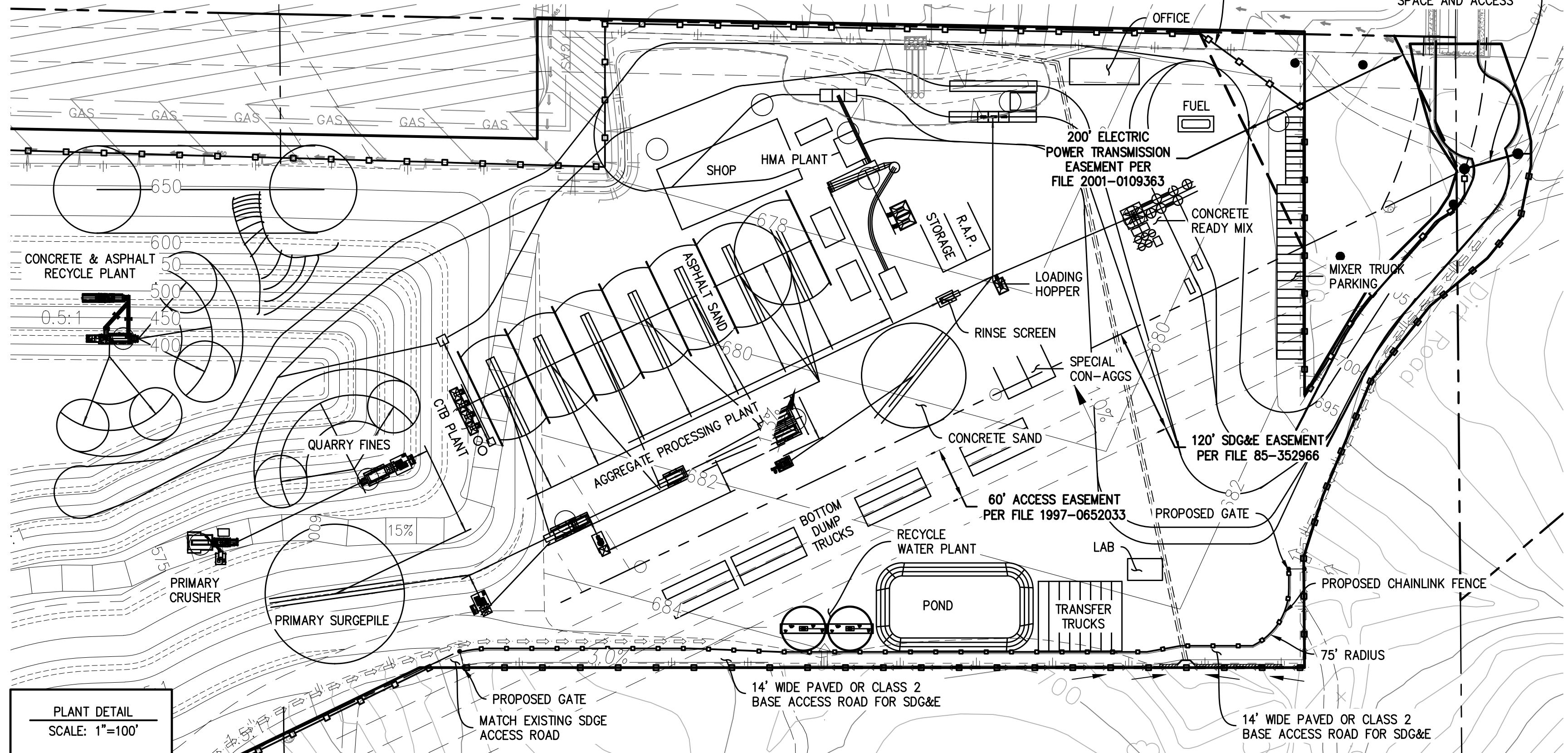
ALTA NOTE:
 DECEMBER 2001 ALTA SURVEY PERFORMED BY ALTA CONSULTANTS WAS USED FOR THE BOUNDARY AND EASEMENTS.

5-FOOT CONTOUR TOPOGRAPHIC MAPPING PREPARED BY TOWILL, INC., DATED APRIL 12, 2000. BENCHMARK AND CONTROL POINTS FOR 5-FOOT TOPOGRAPHIC MAPPING WERE PROVIDED BY BDS ENGINEERING, INC. 40-FOOT CONTOUR TOPOGRAPHIC MAPPING FROM THE COUNTY OF SAN DIEGO.



NEW FENCE WILL CONNECT TO EXISTING FENCE IMMEDIATELY SOUTH OF EXISTING SDG&E ACCESS GATE.

FENCE AND GATE TO BE RELOCATED MINIMUM 15' FROM FACE OF FOUNDATION OF SDG&E STEEL POLES FOR WORKING SPACE AND ACCESS.



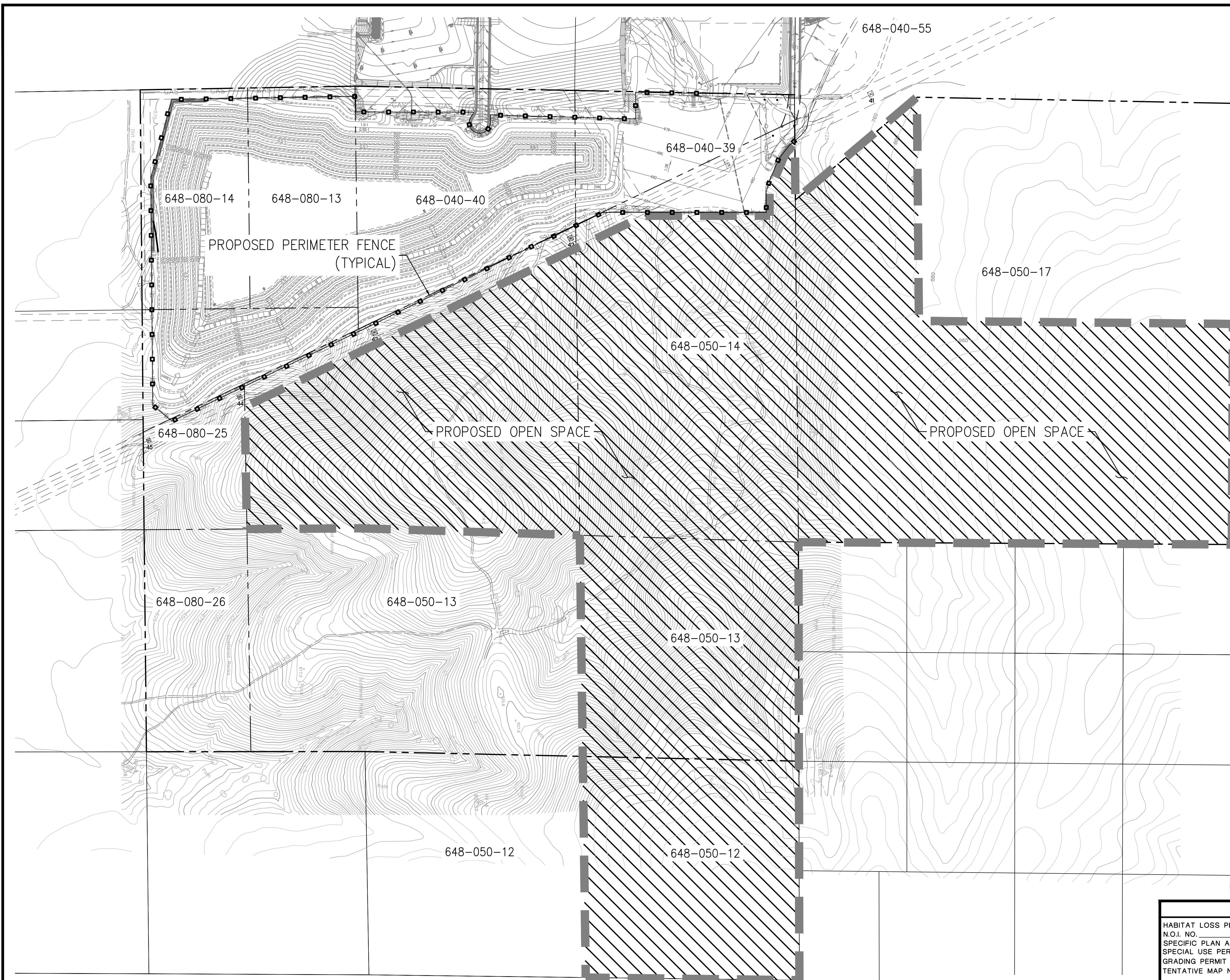
PLANT DETAIL
 SCALE: 1"=100'



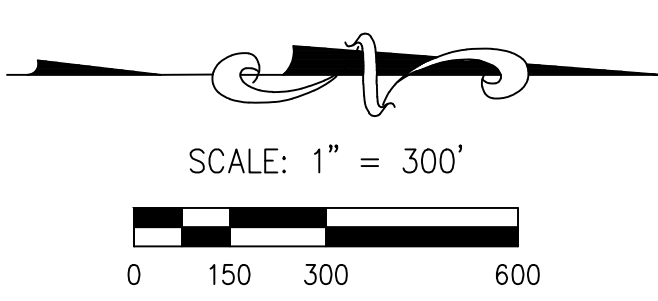
SAN DIEGO GAS & ELECTRIC COMPANY APPROVED BY: _____ DATE: _____ LAND MANAGEMENT REP		PERMITS HABITAT LOSS PERMIT NO. _____ N.O.I. NO. _____ SPECIFIC PLAN AMENDMENT _____ SPECIAL USE PERMIT NO. _____ GRADING PERMIT NO. _____ TENTATIVE MAP NO. _____		PRIVATE CONTRACT SHEET 5 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 6 SHEETS PLOT PLAN FOR:							
		COUNTY APPROVED CHANGES <table border="1"> <thead> <tr> <th>No.</th> <th>Description</th> <th>Approved by</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>ORIGINAL</td> <td></td> <td></td> <td>5-5-13</td> </tr> </tbody> </table>		No.	Description	Approved by	Date	ORIGINAL			5-5-13
No.	Description	Approved by	Date								
ORIGINAL			5-5-13								
BENCHMARK No. _____ Description: COUNTY STATION 0051 007 01 Date: _____ LOCATION: SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83 RECORD FROM: COUNTY OF SAN DIEGO CONTROL POINT INVENTORY ELEVATION: 733.46 FEET DATUM: NGVD		Date: _____									

FOR REVIEW ONLY

ENGINEER'S NAME: CHANG CONSULTANTS
 PHONE NO. (858) 692-0760



- NOTES:
1. PROPOSED PERIMETER FENCING TO BE SIX-FOOT HIGH GALVANIZED CHAIN LINK.
 2. PERMANENT SIGNAGE WILL BE POSTED EVERY 500 FEET ALONG THE WESTERN AND SOUTHERN BOUNDARIES OF THE PROPOSED OPEN SPACE, ALONG THE PORTION OF OTAY TRUCK TRAIL THAT TRAVERSES THE OPEN SPACE, AND AT LOCATIONS OF ANY UNAUTHORIZED TRAILS ENTERING THE OPEN SPACE, ACCORDING TO THE RESOURCE MANAGEMENT PLAN FOR THE OTAY HILLS CONSERVATION AREA.



PERMITS	
HABITAT LOSS PERMIT NO.	
N.O.I. NO.	
SPECIFIC PLAN AMENDMENT	
SPECIAL USE PERMIT NO.	
GRADING PERMIT NO.	
TENTATIVE MAP NO.	

PRIVATE	CONTRACT
SHEET 6	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS
	6 SHEETS

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
ORIGINAL			5-5-13

BENCHMARK	
DESCRIPTION:	COUNTY STATION 0051 007 01
LOCATION:	SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
RECORD FROM:	COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
ELEVATION:	733.46 FEET DATUM: NGVD

PLOT PLAN FOR:	
OTAY HILLS	
OPEN SPACE MAP	
CALIFORNIA COORDINATE INDEX: 146-1797	
Approved COUNTY ENGINEER BY:	Engineer of work WAYNE W. CHANG R.C.E. 46548
	Grading Permit No.

FOR REVIEW ONLY

ENGINEER'S NAME: CHANG CONSULTANTS
PHONE NO. (858) 692-0760

GRADING NOTES

- THE ENGINEER OF WORK WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE OWNER SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
- A CONSTRUCTION, EXCAVATION OR ENCRoACHMENT PERMIT FROM THE DIRECTOR OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.
- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF THE PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES:

SAN DIEGO GAS & ELECTRIC 1-800-227-2600
PACIFIC BELL 1-800-227-2600
CABLE TELEVISION 1-800-227-2600
OTAY WATER DISTRICT 1-800-227-2600
- PROTECTION OF EXISTING UTILITIES:

THE OWNER IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ANY PAVEMENT OR OTHER EXISTING SURFACE IMPROVEMENTS DAMAGED BY THE OWNER SHALL BE REPLACED AS REQUIRED BY THE COUNTY OF SAN DIEGO ENGINEERING DEPARTMENT. EXISTING UTILITIES SHOWN HEREON ARE PLOTTED FROM RECORD DATA AND MAY NOT NECESSARILY BE WHERE SHOWN. IT IS THE OWNER'S RESPONSIBILITY TO DETERMINE LOCATION PRIOR TO CONSTRUCTION.
- BRUSH REMOVAL:
BRUSH SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADED.

FINISH GRADING:
CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A GENERALLY UNIFORM SURFACE OR CROSS SECTION. THE FINAL SLOPES OF EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS DIRECTED BY THE ENGINEER OF WORK AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS, OR OTHER WASTE EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES SHALL BE REMOVED AND DISPOSED OF.
- GENERAL UTILITY NOTES
EXPLORATORY EXCAVATION REQUIRED:
OWNER WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF EXCAVATION TO PREVENT DAMAGE TO SAID UTILITIES.

ALL EXISTING UTILITIES WITHIN THE SITE, AND THOSE ADJACENT TO THE SITE WHICH ARE AFFECTED BY THE WORK PROPOSED TO BE DONE ARE SHOWN ON THIS PLAN. THE UTILITY COMPANIES HAVE REVIEWED THESE PLANS AND ARE SATISFIED WITH THE ARRANGEMENTS MADE BY THE PERMITTEE TO PROTECT OR RELOCATE THE UTILITIES.
- IT SHALL BE THE OWNER'S RESPONSIBILITY TO BACKFILL ALL WELLS, SEPTIC TANKS, AND CISTERNS FOUND ON SITE.
- EXISTING UTILITIES OR STRUCTURES ARE SHOWN ACCORDING TO THE RECORDS OF THE FOLLOWING COMPANIES AND HAVE BEEN EXAMINED TO VERIFY THAT THEY OWN NO UTILITIES OR STRUCTURES WHICH WILL BE AFFECTED BY THE PROPOSED GRADING.
- APPROVAL OF THESE PLANS BY THE DIRECTOR OF PUBLIC WORKS DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION HAS BEEN OBTAINED.
- ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE ACCORDING TO THE PERIOD SPECIFIED IN THE MAJOR USE PERMIT.
- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE RECLAMATION PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO THE ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET, SIDEWALK, ALLEY, FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM OR ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM SETTILING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
- SLOPE RATIOS:
CUT - 0.5:1 (MAXIMUM) FOR SLOPES APPROVED BY SOILS ENGINEER
FILL - 2:1 (MAXIMUM) FOR ALL SLOPES
- IF ANY ARCHAEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE DURING GRADING OPERATIONS, SUCH OPERATIONS WILL CEASE IMMEDIATELY AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECEIVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS TO DO SO.

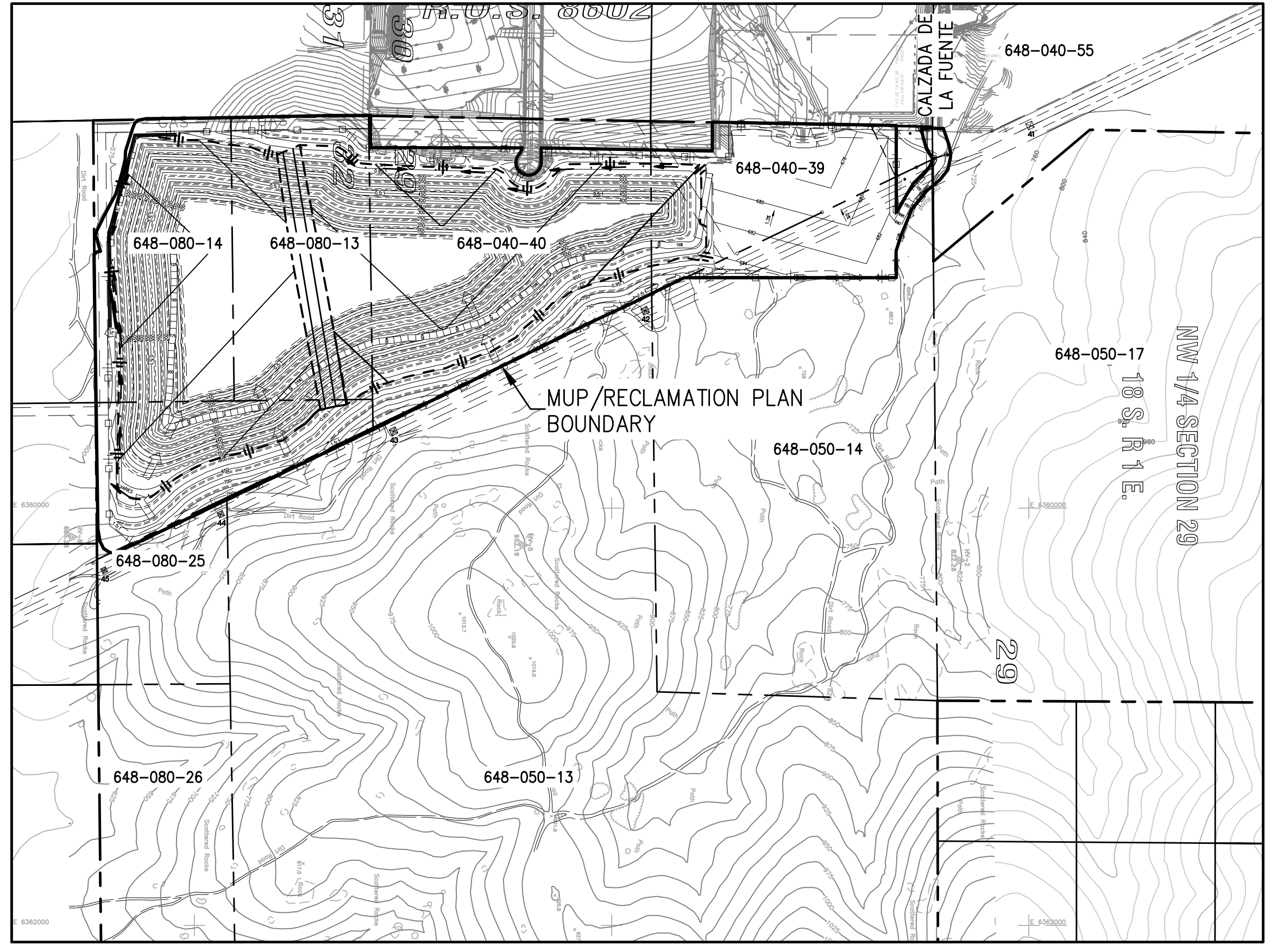
- ALL GRADING DETAILS WILL BE IN ACCORDANCE WITH THE COUNTY OF SAN DIEGO GRADING ORDINANCE AND STANDARD DRAWINGS DS-10, DS-11 AND SAN DIEGO REGIONAL STANDARD DRAWINGS.
- COMPACTION TESTING AND A COMPACTION REPORT IS REQUIRED FOR ALL FINISH PADS THAT ARE OVER 12" IN DEPTH.
- FINISHED GRADING SHALL BE CERTIFIED BY A REGISTERED CIVIL GEOTECHNICAL ENGINEER AND INSPECTED BY THE COUNTY ENGINEER FOR DRAINAGE CLEARANCE. (APPROVAL OF ROUGH GRADING DOES NOT CERTIFY FINISH GRADING BECAUSE OF POTENTIAL SURFACE DRAINAGE PROBLEMS THAT MAY BE CREATED BY LANDSCAPING ACCOMPLISHED AFTER ROUGH GRADING CERTIFICATION.)

SITE RECLAMATION NOTES:

- SOIL EROSION CONTROL: REMOVAL OF NATIVE VEGETATION WILL BE LIMITED TO AREAS WHERE EXTRACTIVE OPERATIONS ARE TO BE ACTIVELY CARRIED ON. STOCK PILES WILL BE MANAGED SO AS TO MINIMIZE WIND AND WATER EROSION.
- WATER QUALITY AND WATERSHED CONTROL: TEMPORARY PILOT CHANNELS OR OTHER SUCH DIVERSIONS SHALL BE RESTORED IN THE FINAL RECLAMATION WHEREVER PRACTICABLE. ALL OPERATIONS SHALL BE CONDUCTED IN COMPLIANCE WITH U.S. ENVIRONMENTAL PROTECTION AGENCY, REGIONAL WATER QUALITY CONTROL BOARD, STATE FISH AND GAME, AND THE COUNTY OF SAN DIEGO REGULATIONS AND REQUIREMENTS.
- FLOOD CONTROL: FLOOD CONTROL MEASURES SHALL BE MADE IN COMPLIANCE WITH THE REQUIREMENTS OF THE COUNTY OF SAN DIEGO, STATE RECLAMATION BOARD, U.S. ARMY CORPS OF ENGINEERS, AND THE STATE DEPARTMENT OF FISH AND GAME.
- PROTECTION OF FISH AND WILDLIFE HABITAT: ALL REASONABLE MEASURES SHALL BE TAKEN TO PROTECT THE HABITAT OF FISH AND WILDLIFE.
- DISPOSAL OF MINE WASTE ROCK AND OVERBURDEN: WASTE ROCK WILL BE SOLD OR USED ON-SITE AS RIPRAP. SAND AND GRAVEL WILL BE SOLD IMMEDIATELY AFTER EXCAVATION. AFTER TERMINATION OF OPERATIONS, ALL EQUIPMENT WILL BE REMOVED FROM THIS SITE AND NO PERMANENT PILES OR DUMPS OF WASTE MATERIAL WILL REMAIN.
- SOIL SALVAGE: ON-SITE SUBSOIL AND SILT WILL BE BLENDED WITH SOILS AND WILL BE USED FOR REVEGETATING THE FACE OF EXPOSED FINAL CUT SLOPES AND OTHER DISTURBED AREAS, EXCEPT ROCK FACED. A SOILS SURVEY MAY BE REQUIRED IN THE FUTURE PRIOR TO ISSUANCE OF ANY BUILDING PERMITS.
- FINAL SLOPE GRADIENT: CUT AND FILL SLOPES SHALL HAVE RATIOS IN ACCORDANCE WITH GRADING NOTE 15 UNLESS OTHERWISE APPROVED AND SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A SMOOTH AND UNIFORM SHALL BE SHAPED AND TRIMMED AND LEFT IN A NEAT AND ORDERLY CONDITION. TEMPORARY VERTICAL CUTS IN INCREMENTS OF 100 FEET SHALL BE PERMITTED UNTIL THE END OF THE WORKING WEEK AT WHICH TIME THE VERTICAL CUT MUST BE BACKFILLED.
- BACKFILLING AND GRADING: GRADING SHALL CONSIST OF THE CONSTRUCTION OF ALL CUTS AND FILLS AS SHOWN. WELLS, SEPTIC TANKS, AND CISTERNS FOUND ON THE SITE SHALL BE BACKFILLED, ALONG WITH NECESSARY BACKFILLING OF TEMPORARY VERTICAL CUTS AT THE END OF THE WORKING WEEK.
- EROSION AND DRAINAGE: GRADING AND REVEGETATION SHALL BE DESIGNED TO BOTH PREVENT EXCESSIVE EROSION AND TO CONVEY SURFACE RUNOFF TO NATURAL DRAINAGE COURSES.
- RESOILING: NO RESOILING IS ANTICIPATED EXCEPT TOPSOIL.
- REVEGETATION: REVEGETATION BY NATURAL SOURCES.
- THE PREMISES TO BE GRADED, AND ALL OPERATIONS ON SAID PREMISES SHALL BE CONDUCTED SO THAT THERE IS NO PONDING OR ACCUMULATION OF SURFACE WATER THAT COULD CONSTITUTE A HEALTH AND/OR SAFETY HAZARD TO PERSONS OR PROPERTY, AND SO THERE IS NO PONDING OR ACCUMULATION OF SURFACE WATERS WHICH, IN THE OPINION OF A COUNTY HEALTH OFFICER, WOULD OR COULD PROVIDE A PLACE FOR THE DEVELOPMENT OF HARBORAGE OF INSECTS OR PESTS THAT COULD CAUSE ANNOYANCE OR CONSTITUTE A NUISANCE TO PERSONS OR PROPERTY IN THE VICINITY OF SUCH PREMISES.
- COUNTY ENGINEER APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL OF ANY WAIVER OF THE TWO FEET (2') OF EXPANSIVE SOIL COVER REQUIRED BY SECTION 87.403 AND THREE FEET (3') OF EXPANSIVE SOIL COVER REQUIRED BY SECTION 87.410 OF THE SAN DIEGO COUNTY GRADING ORDINANCE. ANY SUCH WAIVER MUST BE OBTAINED FROM THE DIRECTOR OF BUILDING INSPECTION.
- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOT WITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO THE ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET, SIDEWALK, ALLEY OR ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM SETTILING, CRACKING, EROSION, SILTING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN.
- ALL LANDSCAPING AND FENCING SHALL BE ADEQUATELY MAINTAINED AT ALL TIMES.

OTAY HILLS QUARRY

MINERAL RESOURCE RECOVERY



PROJECT PHASING

THE PROPOSED MINERAL RESOURCE RECOVERY PROJECT WOULD CONSIST OF SITE PREPARATION FOR THE PROCESSING PLANT INCLUDING INITIAL GRADING TO ESTABLISH ACCESS ROUTES, EXTENDING WATER AND POWER SERVICE TO THE SITE, AND GRADING PAD AREAS FOR THE PROCESSING PLANT LOCATION. CONSTRUCTION OF THE PROCESSING PLANTS AND SITE OFFICE WILL ALSO BE COMMENCED.

PHASE 1 - SITE PREPARATION
PHASE 1 INVOLVES SITE PREPARATION ACTIVITIES PRIOR TO MINING INCLUDING INITIAL GRADING TO ESTABLISH ACCESS ROUTES, EXTENDING WATER AND POWER SERVICE TO THE SITE, AND GRADING PAD AREAS FOR THE PROCESSING PLANT LOCATION. CONSTRUCTION OF THE PROCESSING PLANTS AND SITE OFFICE WILL ALSO BE COMMENCED.

PHASE 2 - EXTRACTION TO NATURAL GRADE ELEVATION
PHASE 2 WILL INVOLVE COMMENCEMENT OF EXTRACTIVE OPERATIONS WITHIN THE EXTRACTION FOOTPRINT. THIS PHASE IS DIVIDED INTO THREE SUB PHASES, WITH PHASE 2A OCCURRING IN THE NORTH AND ENDING WITH PHASE 2C IN THE SOUTH. PHASE 2 WILL CONSIST OF CUTTING THE LANDFORM TO THE NATURAL GRADE ELEVATION THAT EXISTS ALONG THE WESTERN PERIMETER OF THE SITE. THE NATURAL GRADE ELEVATION OF THE MESA (WEST OF THE SITE) RANGES BETWEEN 580 AND 630 FEET AMSL.

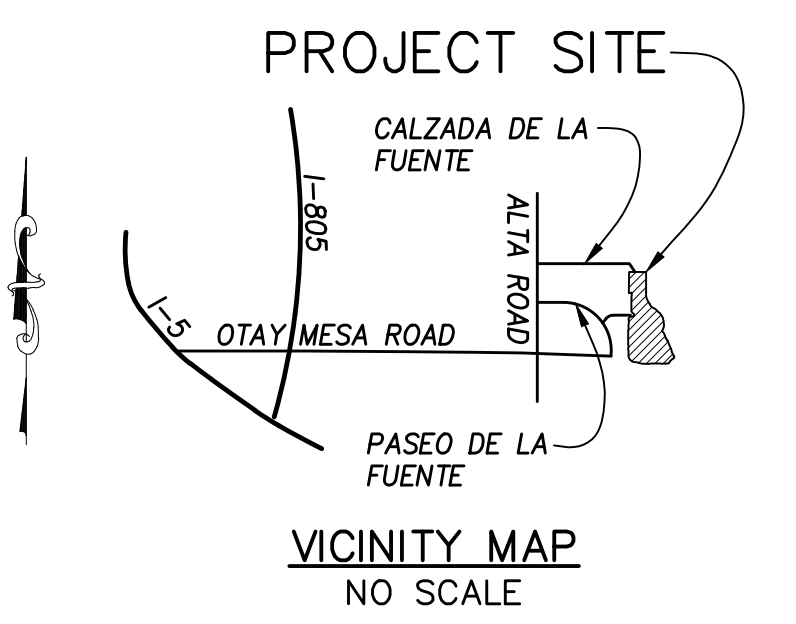
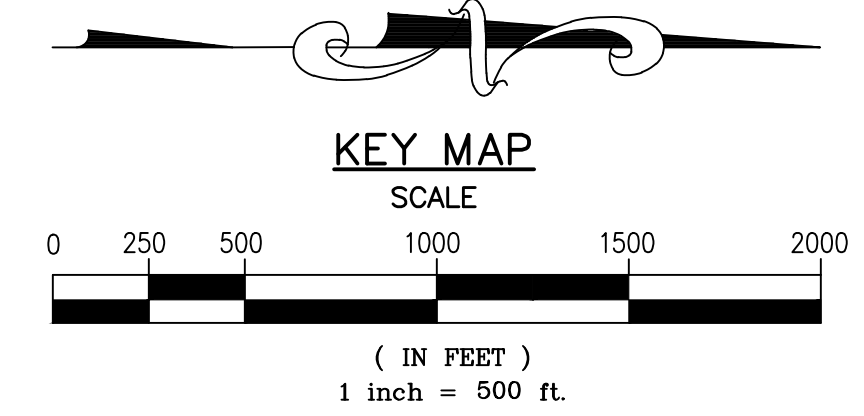
DURING PHASE 2, EXTRACTIVE OPERATIONS ARE EXPECTED TO REMOVE 21.1 MILLION TONS AND WILL CONTINUE FOR APPROXIMATELY 22 YEARS DEPENDING ON THE DEMAND FOR AGGREGATE RESOURCES.

PHASE 3 - OPEN PIT EXTRACTION
LIKE PHASE 2, PHASE 3 IS DIVIDED INTO SUB PHASES. PHASES 3A THROUGH 3D WILL ALSO PROGRESS IN A NORTH TO SOUTH DIRECTION. EXTRACTION OPERATIONS THAT WILL OCCUR DURING PHASES 3B THROUGH 3D WILL EXTEND TO A MAXIMUM DEPTH OF APPROXIMATELY 525 FEET FROM THE EXISTING GRADE. AS PART OF THE RECLAMATION PROCESS, THE SITE WILL BE UTILIZED AS AN INERT DEBRIS ENGINEERED FILL OPERATION (IDFO). BACKFILLING IS EXPECTED TO CONTINUE THROUGHOUT THE PHASE 3 OPERATIONS, ON A PHASE-BY-PHASE BASIS.

THE PHASE 3 OPERATIONS ARE EXPECTED TO REMOVE APPROXIMATELY 68.0 MILLION TONS AND WILL CONTINUE FOR APPROXIMATELY 68 YEARS, DEPENDING ON THE DEMAND FOR AGGREGATE RESOURCES.

PHASE 4 (RECLAMATION) - INERT DEBRIS ENGINEERED FILL OPERATION (LANDFILL)

AS EXTRACTION OPERATIONS ADVANCE IN PHASE 3, THE PIT WILL BE BACKFILLED WITH INERT FILL MATERIAL (FILL DIRT) ON A PHASE-BY-PHASE BASIS. IT IS ANTICIPATED THAT THIS WILL REQUIRE APPROXIMATELY 32.0 MILLION CUBIC YARDS OF IMPORTED FILL MATERIAL AND WILL TAKE APPROXIMATELY 67 YEARS TO COMPLETE.



SHEET INDEX

SHEET 1	COVER SHEET
SHEET 2	PHASE 4 (4A & 4B) RECLAMATION
SHEET 3	PHASE 4 (4C & 4D) RECLAMATION
SHEET 4	PHASE 4 (4E) RECLAMATION
SHEET 5	RECLAMATION PLAN AND EASEMENTS
SHEET 6	LANDSCAPE SCREENING PLAN
SHEET 7	REVEGETATION PLAN

COUNTY APPROVED CHANGES	
No.	Description
1	ORIGINAL
2	APPROVED BY DATE
	5-5-13

PERMITS	
HABITAT LOSS PERMIT NO.	
N.O.I. NO.	
SPECIFIC PLAN AMENDMENT	
SPECIAL USE PERMIT NO.	
GRADING PERMIT NO.	
TENTATIVE MAP NO.	

BENCHMARK	
DESCRIPTION:	COUNTY STATION 0051 007 01
LOCATION:	SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
RECORD FROM:	COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
ELEVATION:	733.46 FEET
DATE:	NGVD

PRIVATE CONTRACT	
SHEET 1	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS
7 SHEETS	
RECLAMATION PLAN FOR:	
OTAY HILLS	
COVER SHEET	
CALIFORNIA COORDINATE INDEX: 146-1797	
Approved COUNTY ENGINEER BY: WAYNE W. CHANG R.C.E. 46548	Engineer of work: WAYNE W. CHANG R.C.E. 46548
Date:	Grading Permit No.:

LEGAL DESCRIPTION

- THE REAL PROPERTY CONSISTS OF PARCELS WITHIN THE FOLLOWING AREAS WITHIN TOWNSHIP 18 SOUTH, RANGE 1 EAST, SAN BERNARDINO MERIDIAN:
- A PORTION OF THE NORTHEAST QUARTER OF SECTION 30
 - A PORTION OF THE NORTHWEST QUARTER OF SECTION 29 AND THE NORTHEAST QUARTER OF SECTION 30
 - A PORTION OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 29
 - A PORTION OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF SECTION 29
 - A PORTION OF THE EAST ONE HALF OF THE NORTHEAST QUARTER OF SECTION 30 AND A PORTION OF THE NORTHWEST QUARTER OF SECTION 29
 - THE WEST ONE HALF OF THE SOUTHWEST QUARTER OF SECTION 29, A PORTION OF THE SOUTHWEST QUARTER OF SECTION 29, TOGETHER WITH THE NORTH ONE HALF OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 32 AND A PORTION OF THE NORTH ONE HALF OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 32
 - THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 32
 - A PORTION OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 32

PROJECT DESCRIPTION

THE PROJECT PROPOSES A MINERAL RESOURCE RECOVERY OPERATION AND ASSOCIATED ACTIVITIES TO CREATE CONSTRUCTION AGGREGATE MATERIALS. DURING AND AFTER MINERAL RESOURCE RECOVERY OPERATIONS, THE OPEN PIT WILL SERVE AS A RECEIVER SITE FOR INERT DEBRIS SUCH AS CONCRETE, ASPHALT, ROCK, AND SOIL. THE PLOT PLAN ALLOWS OVER 89.2 MILLION TONS OF EXCAVATION. MINERAL RESOURCE RECOVERY OPERATIONS WILL BE THROUGH THE USE OF DRILLING AND BLASTING TO FRACTURE ROCKS, WHICH WILL THEN BE CRUSHED AND SORTED. CONCRETE AND ASPHALT BATCH PLANTS, AND CEMENT TREATED BASE AND RECYCLED CTB PLANTS WILL BE LOCATED ON-SITE. SITE ACCESS WILL BE FROM ALTA ROAD.

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE IN ACCORDANCE WITH THESE PLANS, THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (2003 EDITION), THE REGIONAL SUPPLEMENT AMENDMENTS (2003 EDITION), THE SAN DIEGO AREA REGIONAL STANDARD DRAWINGS (DATED JULY 2000).

OWNERS

OTAY HILLS, LLC 1508 MISSION ROAD ESCONDIDO, CA 92029 (760) 745-0556	RANCHO VISTA DEL MAR, D&D LANDHOLDINGS AND KYDDL F & RDLFG FT NO 1 LLC, C/O NATIONAL ENTERPRISES 5440 MOREHOUSE DRIVE, SUITE 4000 SAN DIEGO, CA 92121
---	---

PERMITTEE

SUPERIOR READY MIX CONCRETE
1508 W. MISSION ROAD
ESCONDIDO, CA. 92029
(760) 745-0556

ASSESSOR'S PARCEL NUMBERS

648-050-13, & 14
648-080-13, 14, & 25
648-040-39, 40, 55

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 SPECIFICATIONS BY THE COUNTY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

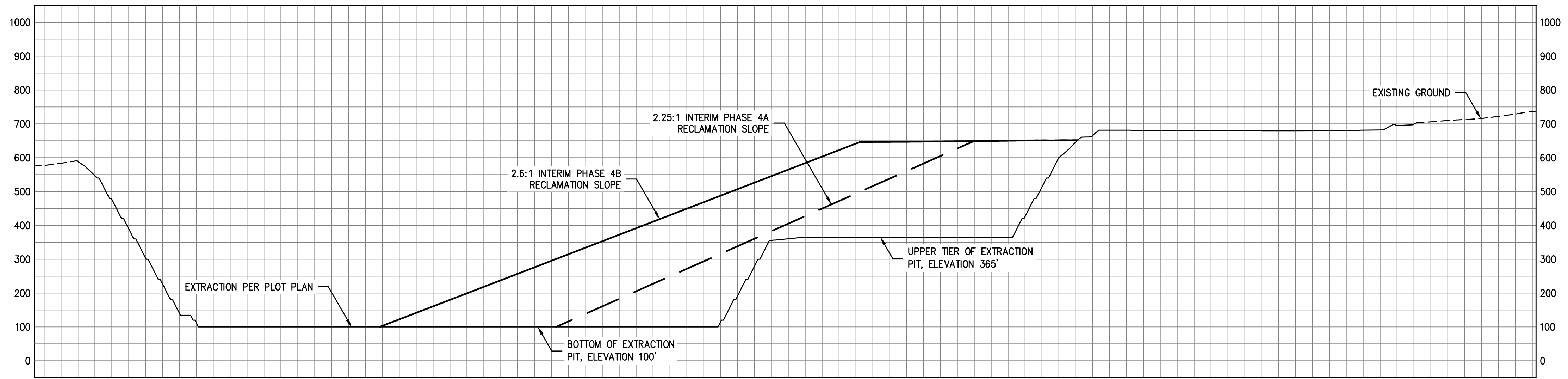
WAYNE W. CHANG
CHANG CONSULTANTS
P.O. BOX 9496
RANCHO SANTA FE, CA 92067
PHONE: (858) 692-0760

BY: WAYNE W. CHANG, R.C.E. 46548 DATE:

LEGEND

EXISTING CONTOUR	SYMBOL
EXISTING SPOT ELEVATION	x 1012.7
PROPOSED CONTOUR	—685—
PROPOSED GRADE	—1.0%—
FINISH GRADE ELEVATION	FG 673.0
MUP BOUNDARY	— — — — —
PROPOSED SLOPE	Y
DIRECTION OF DRAINAGE (EARTHEN SWALE)	←
PROPOSED RIPRAP	⊞

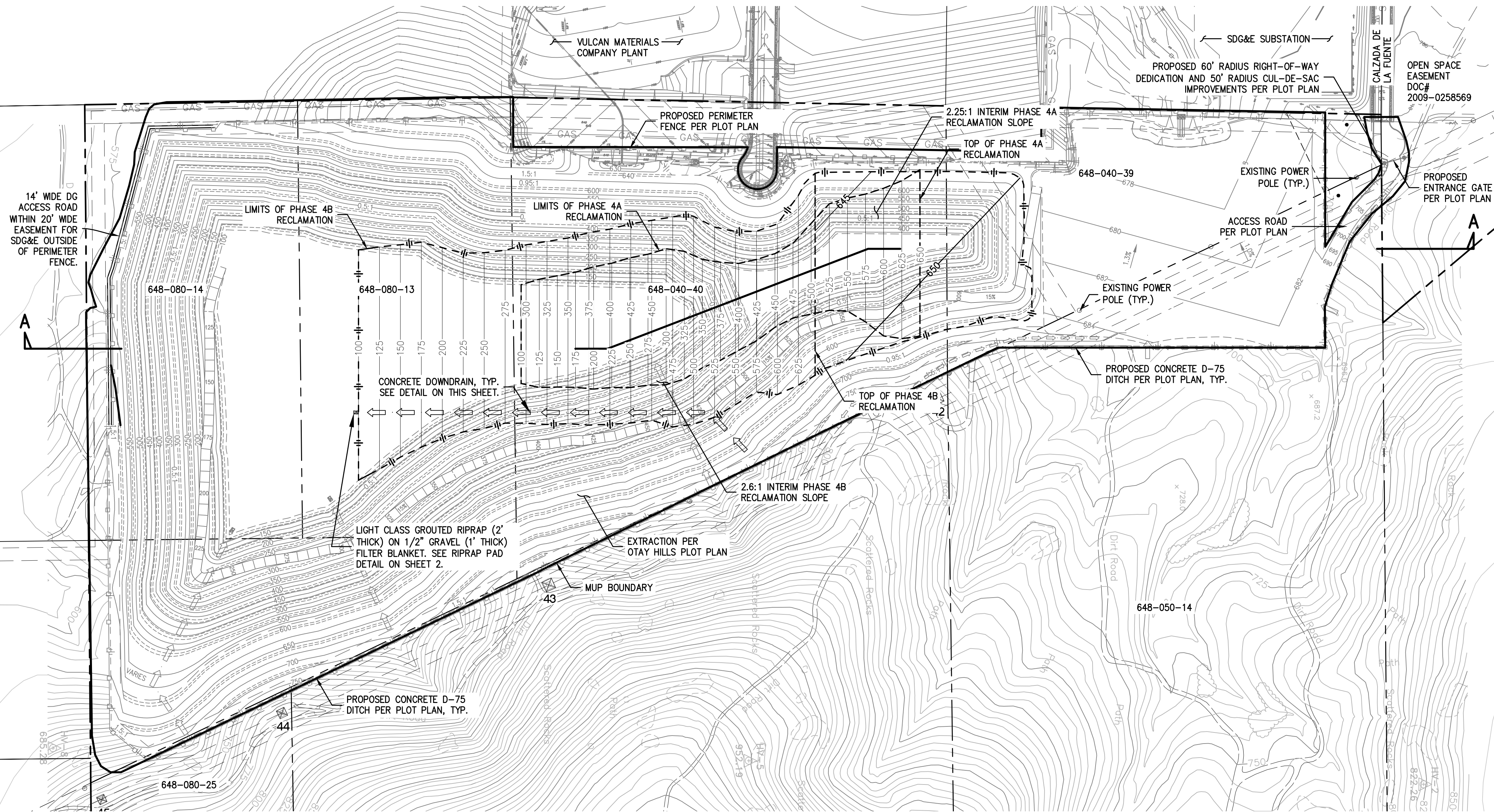
FOR REVIEW ONLY
ENGINEER'S NAME: CHANG CONSULTANTS
PHONE NO. (858) 692-0760



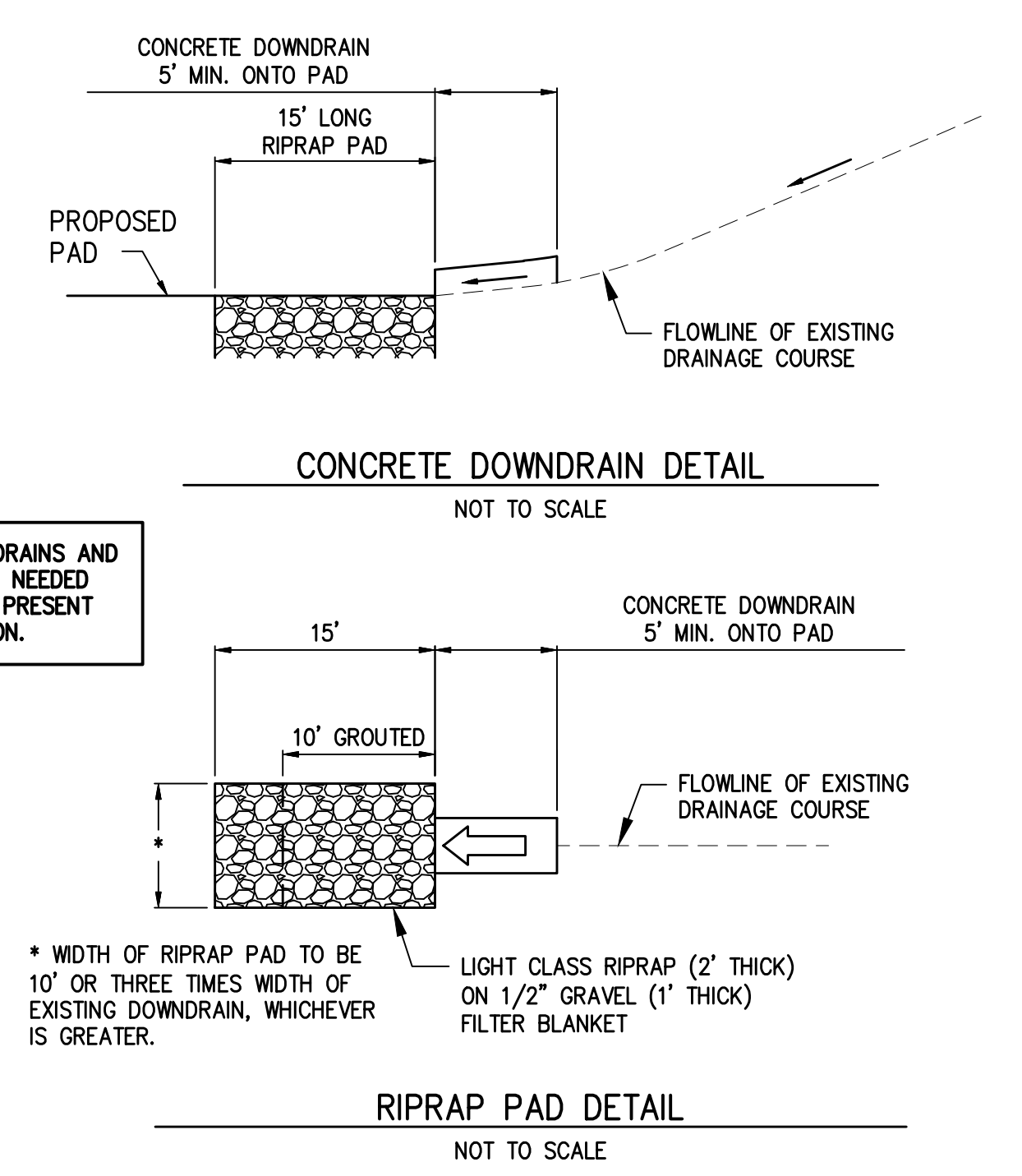
SECTION: A-A
SCALE: HORIZ. 1"=200' VERT. - 1"=200'

PLAN OF OPERATION NOTES

- ACCESS TO THE SITE IS FROM CALZADA DE LA FUENTE, WHICH IS LOCATED APPROXIMATELY 2,600 FEET WEST OF THE SITE. AN EAST-WEST ACCESS ROAD OVER PROPERTY OWNED BY D&D LANDHOLDINGS WILL SERVE THE SITE FROM CALZADA DE LA FUENTE.
- THE PROPERTY IS CURRENTLY UNDISTURBED, WITH THE EXCEPTION OF SDG&E UTILITY POLES AND TOWERS AND A FEW TRAILS.
- OVERHEAD UTILITY LINES CROSS THE WESTERLY PORTION OF THE SITE IN A GENERALLY NORTH-SOUTH DIRECTION. THE ON-SITE EASEMENTS ARE SHOWN ON THIS PLAN.
- THERE ARE NO MINING WASTES ASSOCIATED WITH THIS PROJECT.
- NO TOPSOIL STRIPPING HAS OCCURRED.
- THE MAXIMUM CUT HEIGHT WILL BE 715 FEET. THE SLOPES ARE DESIGNED WITH THREE RANGES WHERE THE SLOPE RATIOS DIFFER. THE FIRST RANGE IS DEFINED AS THE TOP 20' VERTICAL FEET OF CUT, WHICH IS DESIGNED AT 1.5:1. THE SECOND RANGE IS DESIGNED WITH A SLOPE RATIO OF 0.95:1 WITH 6' BENCHES AT 60' VERTICAL INTERVALS. THE SECOND RANGE WILL OCCUR UNTIL THE ELEVATION IS AT OR BELOW THE FINAL RECLAMATION PAD ELEVATION. THE THIRD, AND FINAL, RANGE, IS DESIGNED WITH A 0.5:1 SLOPE WITH 6' BENCHES AT 60' VERTICAL INTERVALS DOWN TO ELEVATION 100, THE BOTTOM OF THE EXTRACTION PIT.
- SURFACE DRAINAGE FLOWS GENERALLY TOWARDS THE WEST AND SOUTH ON THE SITE. DRAINAGE IS CONTROLLED PER THE REQUIREMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN.
- WATER FOR ON-SITE OPERATIONS WILL BE PROVIDED BY THE OTAY WATER DISTRICT. GROUNDWATER RESOURCES MAY BE DEVELOPED FOR FUTURE USE.
- NO PROCESSING CHEMICALS ARE PROPOSED. FUEL, OIL, SOLVENTS, ETC. TO BE USED ON-SITE WILL BE APPROPRIATELY HANDLED, STORED, AND DISPOSED.
- A CONTRACTOR WILL CONDUCT BLASTING OPERATIONS ON A WEEKLY BASIS.
- THERE ARE NO STREET IMPROVEMENTS ON THE QUARRY SITE.
- THERE ARE NO LAND RIGHTS-OF-WAY DEDICATIONS FOR CONTINUING OPERATIONS.

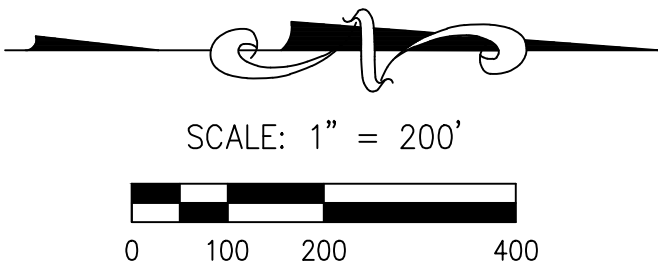


PLAN: PHASE 4 (4A & 4B) RECLAMATION
SCALE: 1"=200'



NOTE: CONCRETE DOWNDRAINS AND RIPRAP PADS ARE NOTE NEEDED WHERE NATIVE ROCK IS PRESENT AND WILL RESIST EROSION.

NOTE:
SEE SHEET 5 FOR EASEMENTS AND BOUNDARY INFORMATION
EARTHWORK QUANTITIES:
PHASE 4A 2,123,500 CY FILL
PHASE 4B 3,852,300 CY FILL



COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
ORIGINAL			5-5-13

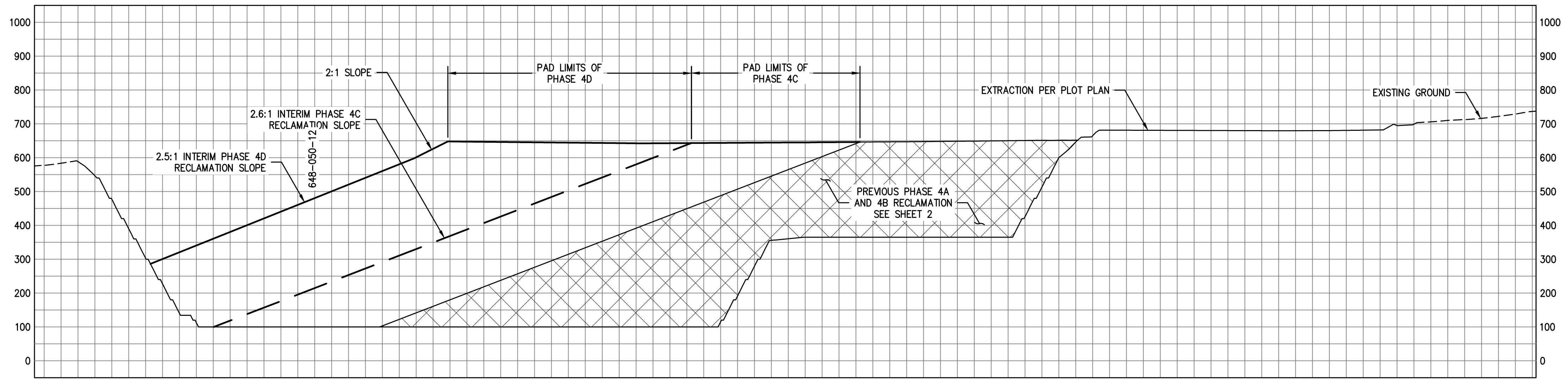
PERMITS	
HABITAT LOSS PERMIT NO.	
N.O.I. NO.	
SPECIFIC PLAN AMENDMENT	
SPECIAL USE PERMIT NO.	
GRADING PERMIT NO.	
TENTATIVE MAP NO.	

BENCHMARK	
DESCRIPTION:	COUNTY STATION 0051 007 01
LOCATION:	SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
RECORD FROM:	COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
ELEVATION:	733.46 FEET DATUM: NGVD

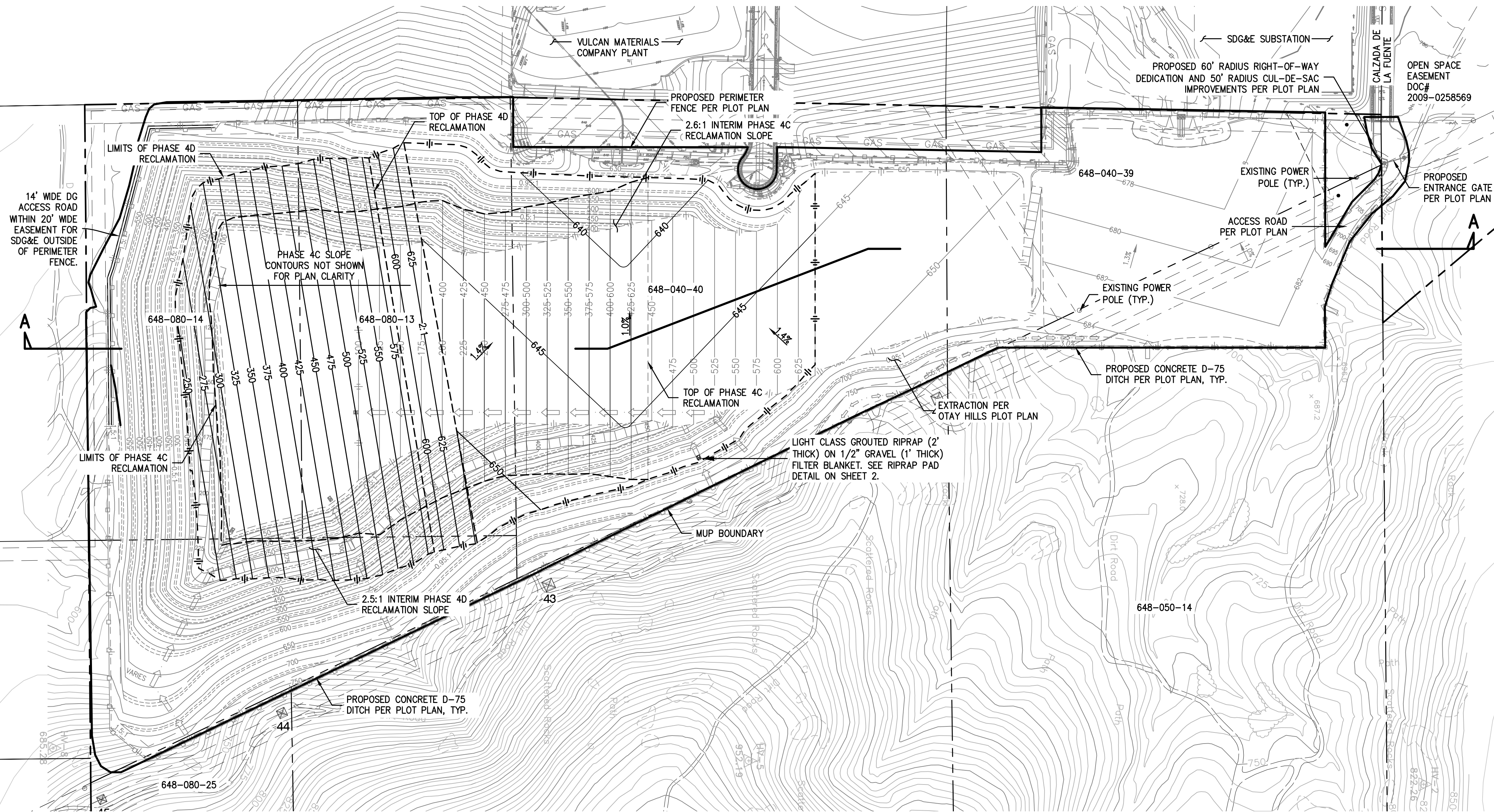
PRIVATE CONTRACT	
SHEET 2	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS
RECLAMATION PLAN FOR:	
OTAY HILLS	
PHASE 4 (4A & 4B) RECLAMATION	
CALIFORNIA COORDINATE INDEX: 146-1797	
Approved COUNTY ENGINEER BY: WAYNE W. CHANG R.C.E. 46548	Engineer of work: _____
Date: _____	Grading Permit No.: _____

FOR REVIEW ONLY

ENGINEER'S NAME: CHANG CONSULTANTS
PHONE NO. (858) 692-0760

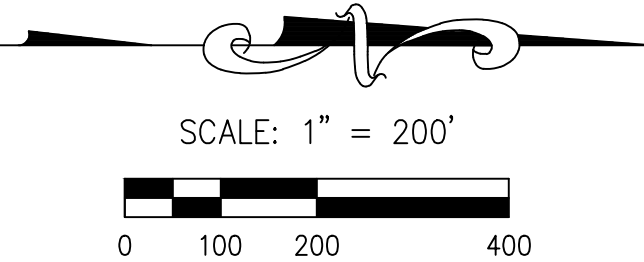


SECTION: A-A
SCALE: HORIZ. 1"=200' VERT. - 1"=200'



PLAN: PHASE 4 (4C & 4D) RECLAMATION
SCALE: 1"=200'

NOTE:
SEE SHEET 5 FOR EASEMENTS AND BOUNDARY INFORMATION
EARTHWORK QUANTITIES:
PHASE 4C 8,027,000 CY FILL
PHASE 4D 9,146,000 CY FILL



COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
	ORIGINAL		5-5-13

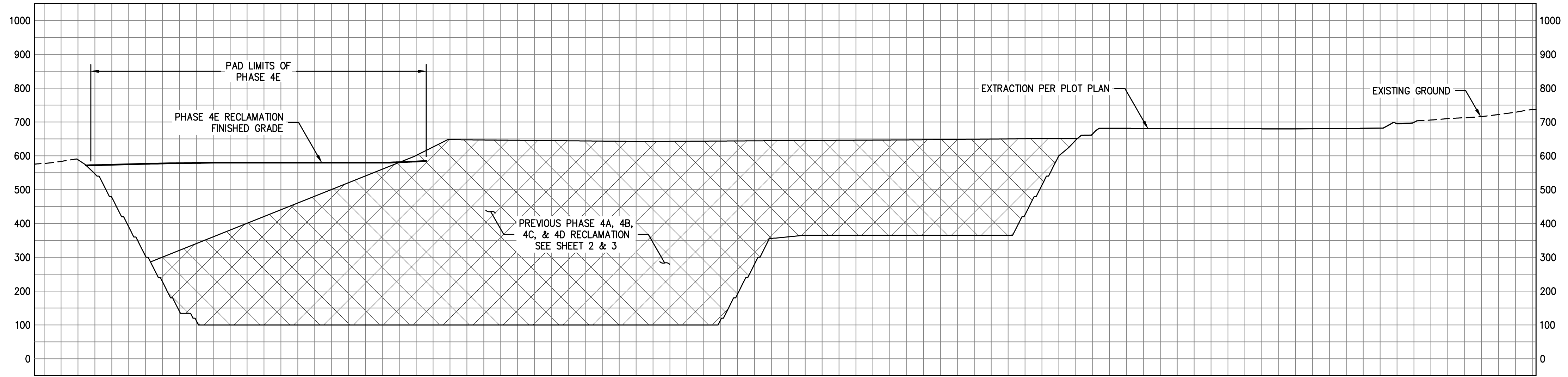
PERMITS	
HABITAT LOSS PERMIT NO.	
N.O.I. NO.	
SPECIFIC PLAN AMENDMENT	
SPECIAL USE PERMIT NO.	
GRADING PERMIT NO.	
TENTATIVE MAP NO.	

PRIVATE CONTRACT	
SHEET 3	7 SHEETS
COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	
RECLAMATION PLAN FOR: OTAY HILLS PHASE 4 (4C & 4D) RECLAMATION	
CALIFORNIA COORDINATE INDEX: 146-1797	
Approved COUNTY ENGINEER BY: WAYNE W. CHANG R.C.E. 46548	Engineer of work WAYNE W. CHANG R.C.E. 46548
Date	Grading Permit No.

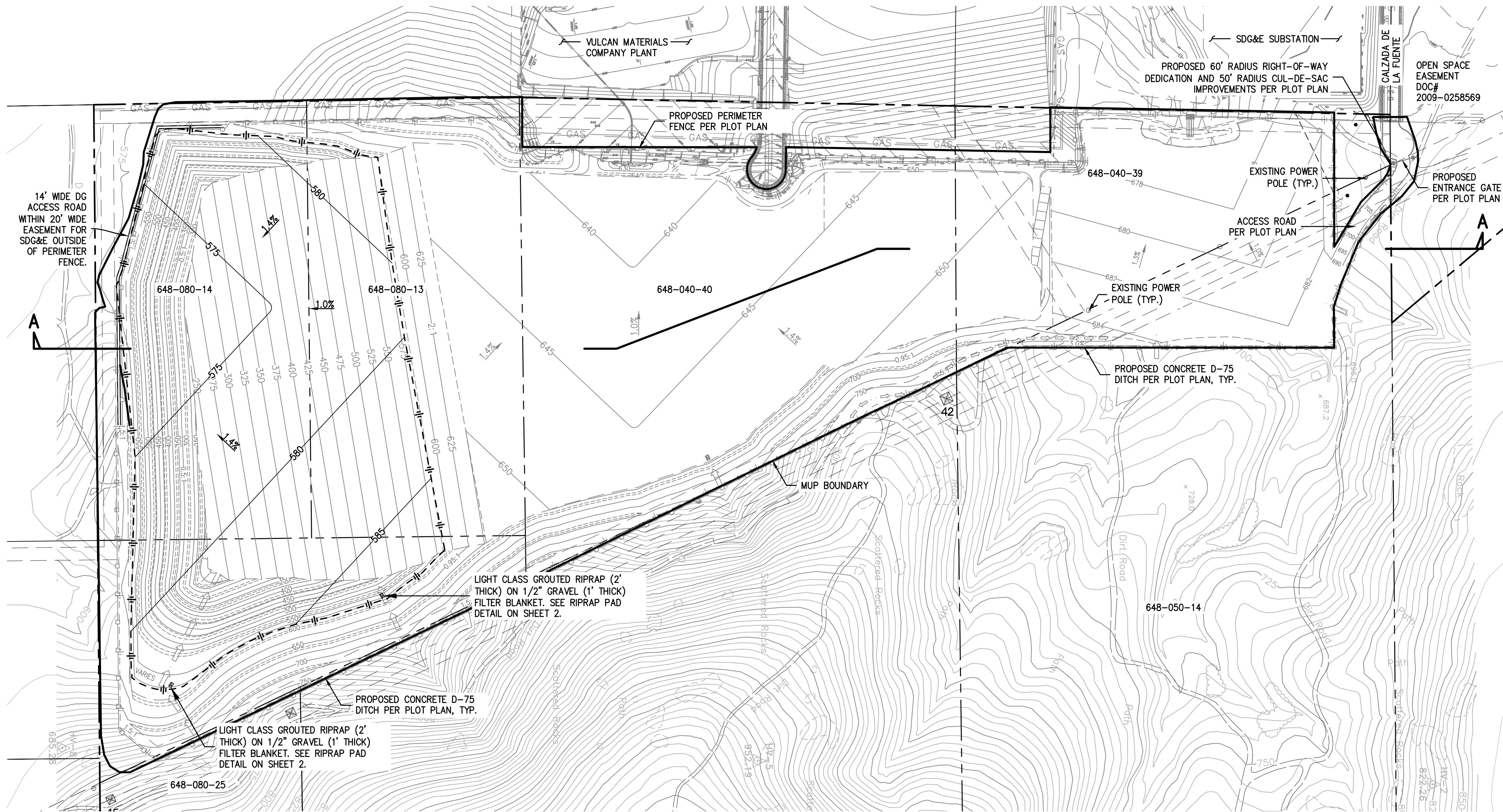
BENCHMARK	
DESCRIPTION:	COUNTY STATION 0051 007 01
LOCATION:	SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
RECORD FROM:	COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
ELEVATION:	733.46 FEET DATUM: NGVD

FOR REVIEW ONLY

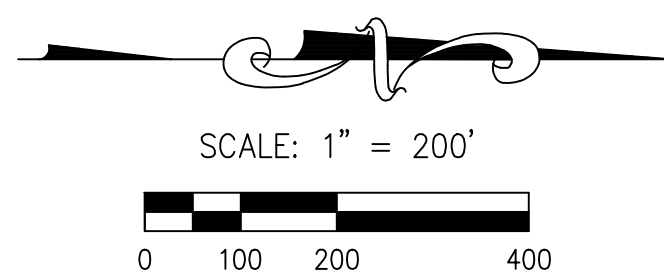
ENGINEER'S NAME: CHANG CONSULTANTS
PHONE NO. (858) 692-0760



SECTION: A-A
SCALE: HORIZ. 1"=200' VERT. - 1"=200'



PLAN: PHASE 4 (4E) RECLAMATION
SCALE: 1"=200'



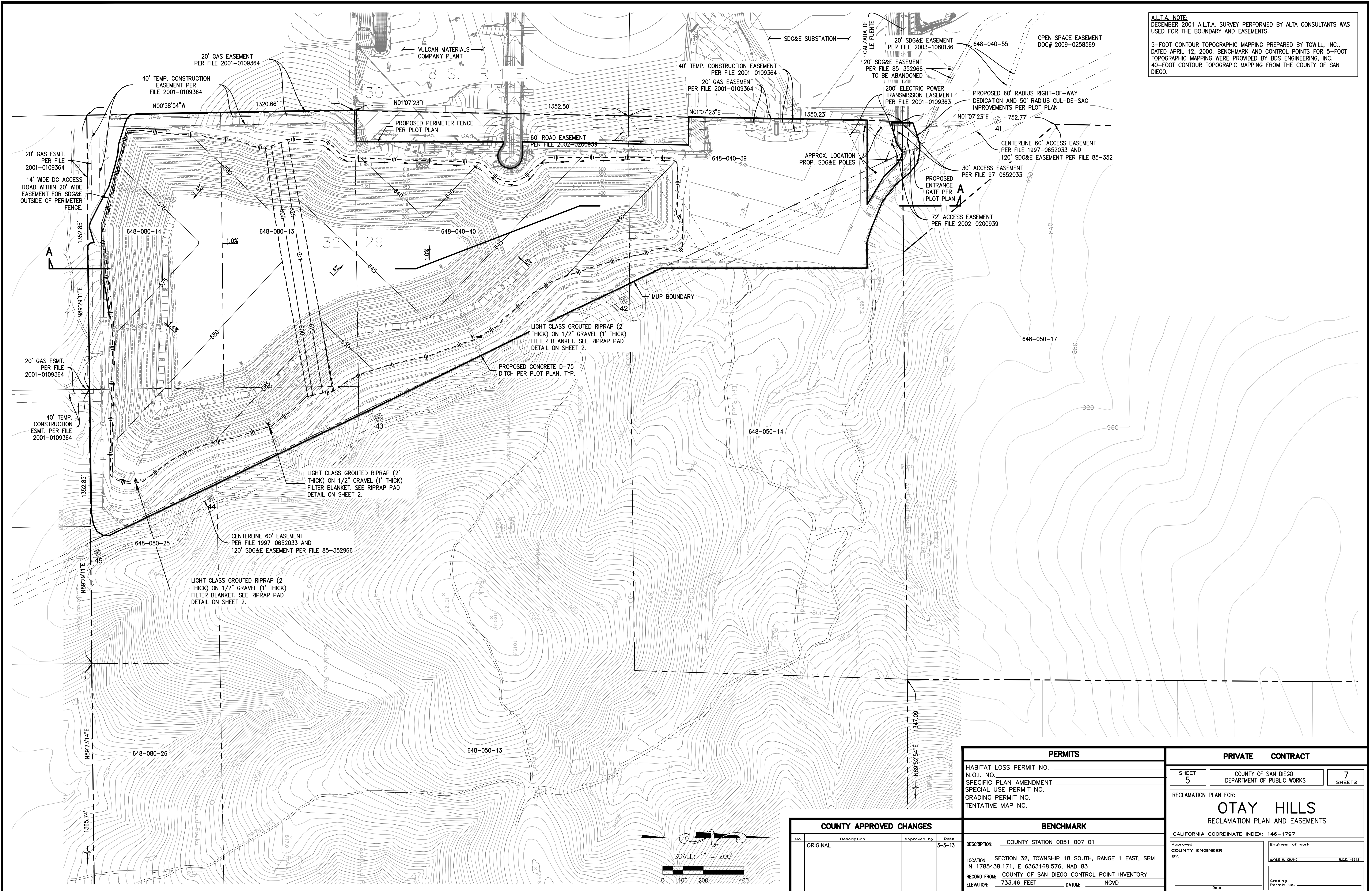
NOTE:
SEE SHEET 5 FOR EASEMENTS AND BOUNDARY INFORMATION
EARTHWORK QUANTITIES:
PHASE 4E 7,465,700 CY FILL

PERMITS		PRIVATE CONTRACT	
HABITAT LOSS PERMIT NO. _____	N.O.I. NO. _____	SHEET 4	7 SHEETS
SPECIFIC PLAN AMENDMENT _____	SPECIAL USE PERMIT NO. _____	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	
GRADING PERMIT NO. _____	TENTATIVE MAP NO. _____	RECLAMATION PLAN FOR: OTAY HILLS PHASE 4 (4E) RECLAMATION	
COUNTY APPROVED CHANGES		CALIFORNIA COORDINATE INDEX: 146-1797	
No. _____	Description _____	Approved COUNTY ENGINEER	
Approved by _____	Date 5-5-13	BY: _____	
BENCHMARK		Engineer of work	
DESCRIPTION: COUNTY STATION 0051 007 01		WAYNE W. CHANG R.C.E. 46548	
LOCATION: SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83		Grading Permit No. _____	
RECORD FROM: COUNTY OF SAN DIEGO CONTROL POINT INVENTORY		Date _____	
ELEVATION: 733.46 FEET DATUM: NGVD			

FOR REVIEW ONLY

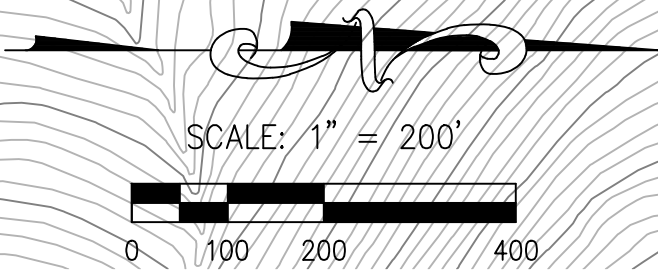
ENGINEER'S NAME: CHANG CONSULTANTS
PHONE NO. (858) 692-0760

ALTA NOTE:
 DECEMBER 2001 ALTA SURVEY PERFORMED BY ALTA CONSULTANTS WAS USED FOR THE BOUNDARY AND EASEMENTS.
 5-FOOT CONTOUR TOPOGRAPHIC MAPPING PREPARED BY TOWILL, INC., DATED APRIL 12, 2000. BENCHMARK AND CONTROL POINTS FOR 5-FOOT TOPOGRAPHIC MAPPING WERE PROVIDED BY BDS ENGINEERING, INC. 40-FOOT CONTOUR TOPOGRAPHIC MAPPING FROM THE COUNTY OF SAN DIEGO.

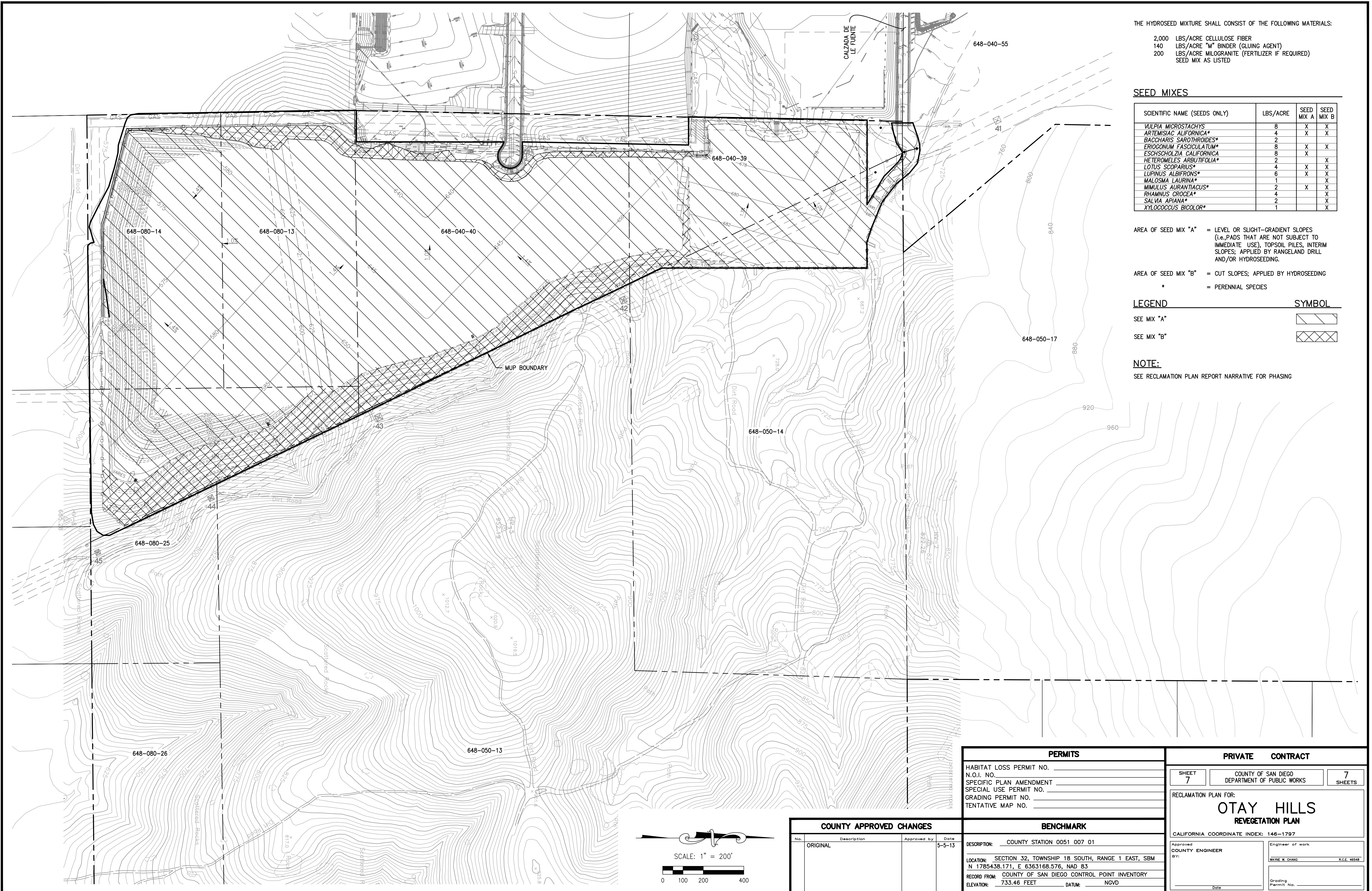


FOR REVIEW ONLY

PERMITS		PRIVATE CONTRACT													
HABITAT LOSS PERMIT NO. _____		COUNTY OF SAN DIEGO													
N.O.I. NO. _____		DEPARTMENT OF PUBLIC WORKS													
SPECIFIC PLAN AMENDMENT _____		7 SHEETS													
SPECIAL USE PERMIT NO. _____		RECLAMATION PLAN FOR:													
GRADING PERMIT NO. _____		OTAY HILLS													
TENTATIVE MAP NO. _____		RECLAMATION PLAN AND EASEMENTS													
CALIFORNIA COORDINATE INDEX: 146-1797															
<table border="1"> <tr> <td colspan="2">Approved COUNTY ENGINEER</td> <td colspan="2">Engineer of work</td> </tr> <tr> <td colspan="2">BY: _____</td> <td colspan="2">WAYNE W. CHANG R.C.E. 46548</td> </tr> </table>		Approved COUNTY ENGINEER		Engineer of work		BY: _____		WAYNE W. CHANG R.C.E. 46548		<table border="1"> <tr> <td colspan="2">Date _____</td> <td colspan="2">Grading Permit No. _____</td> </tr> </table>		Date _____		Grading Permit No. _____	
Approved COUNTY ENGINEER		Engineer of work													
BY: _____		WAYNE W. CHANG R.C.E. 46548													
Date _____		Grading Permit No. _____													
COUNTY APPROVED CHANGES		BENCHMARK													
No.	Description	Approved by	Date												
ORIGINAL			5-5-13												
DESCRIPTION: COUNTY STATION 0051 007 01		LOCATION: SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83													
RECORD FROM: COUNTY OF SAN DIEGO CONTROL POINT INVENTORY		ELEVATION: 733.46 FEET DATUM: NGVD													



ENGINEER'S NAME: CHANG CONSULTANTS
 PHONE NO. (858) 692-0760



THE HYDROSEED MIXTURE SHALL CONSIST OF THE FOLLOWING MATERIALS:

- 2,000 LBS/ACRE CELLULOSE FIBER
- 140 LBS/ACRE "M" BINDER (GLUING AGENT)
- 200 LBS/ACRE MILOGRANITE (FERTILIZER IF REQUIRED)
- SEED MIX AS LISTED

SEED MIXES

SCIENTIFIC NAME (SEEDS ONLY)	LBS/ACRE	SEED MIX A	SEED MIX B
<i>VULPIA MICROSTACHYS</i>	8	X	X
<i>ARTEMISIA ALIFORNICA*</i>	4	X	X
<i>BACCHARIS SAROTHIROIDES*</i>	2		
<i>ERIGONUM FASCICULATUM*</i>	8	X	X
<i>ESCHSCHOLZIA CALIFORNICA</i>	8	X	X
<i>HETEROMELES ARBUTIFOLIA*</i>	2	X	X
<i>LOTUS SCOPARIUS*</i>	4	X	X
<i>LUPINUS ALBIROSTRIS*</i>	6	X	X
<i>MALOSMA LAURINA*</i>	1	X	X
<i>MIMULUS AURANTIACUS*</i>	2	X	X
<i>RHAMNUS CROCEA*</i>	4		X
<i>SALVIA APIANA*</i>	2		X
<i>XYLOCOCCUS BICOLOR*</i>	1		X

AREA OF SEED MIX "A" = LEVEL OR SLIGHT-GRADIENT SLOPES (i.e., PADS THAT ARE NOT SUBJECT TO IMMEDIATE USE), TOPSOIL PILES, INTERIM SLOPES; APPLIED BY RANGELAND DRILL AND/OR HYDROSEEDING.

AREA OF SEED MIX "B" = CUT SLOPES; APPLIED BY HYDROSEEDING
 * = PERENNIAL SPECIES

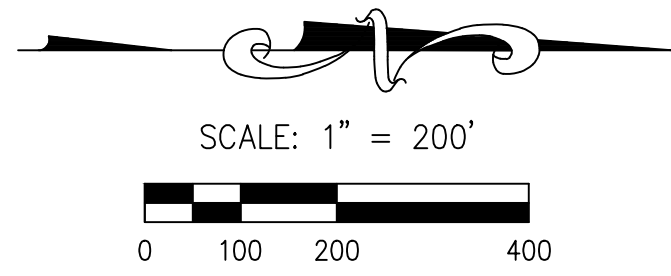
LEGEND	SYMBOL
SEE MIX "A"	
SEE MIX "B"	

NOTE:
 SEE RECLAMATION PLAN REPORT NARRATIVE FOR PHASING

PERMITS	
HABITAT LOSS PERMIT NO.	_____
N.O.I. NO.	_____
SPECIFIC PLAN AMENDMENT	_____
SPECIAL USE PERMIT NO.	_____
GRADING PERMIT NO.	_____
TENTATIVE MAP NO.	_____
BENCHMARK	
DESCRIPTION:	COUNTY STATION 0051 007 01
LOCATION:	SECTION 32, TOWNSHIP 18 SOUTH, RANGE 1 EAST, SBM N 1785438.171, E 6363168.576, NAD 83
RECORD FROM:	COUNTY OF SAN DIEGO CONTROL POINT INVENTORY
ELEVATION:	733.46 FEET DATUM: NGVD

PRIVATE CONTRACT	
SHEET 7	7 SHEETS
COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	
RECLAMATION PLAN FOR: OTAY HILLS REVEGETATION PLAN	
CALIFORNIA COORDINATE INDEX: 146-1797	
Approved COUNTY ENGINEER BY: WAYNE W. CHANG R.C.E. 46548	Engineer of work: _____ R.C.E. 46548
Date: _____	Grading Permit No.: _____

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
1	ORIGINAL		5-5-13



FOR REVIEW ONLY
 ENGINEER'S NAME: CHANG CONSULTANTS
 PHONE NO. (858) 692-0760