

EL MONTE SAND EXTRACTION AND HABITAT RESTORATION PROJECT

GRADING NOTES

1. 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.
2. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.
3. A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE DIRECTOR OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.
4. 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
HELIX WATER DISTRICT	1-619-466-0585

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 PERMITEE 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 PLANNING DIRECTOR 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.

ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ADJUTING CUT OR FILL SURFACES.

NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE RECLAMATION PLANS, THE PERMITEE 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 PERMITEE RESPONSIBLE FOR CORRECTION OF NON-DEDICATED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.

SLOPE RATIOS:

CUT - 3:1 (MINIMUM) 2:1 (MAXIMUM) FOR ALL SLOPES
FILL - 3:1 (MINIMUM) 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 PERMITEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITEE HAS RECEIVED WRITTEN AUTHORITY FROM THE PLANNING DIRECTOR TO DO SO.

THE EXTRACTION WASTE WILL BE PLACED BACK INTO THE PIT.

PROJECT PHASING

THE PROJECT WILL BE DEVELOPED IN FOUR, CONTINUOUS PHASES. THE PROJECT WILL BEGIN WITH THE EXCAVATION OF THE FIRST PROCESSING AREA PAD TO 10 FEET BELOW GROUND SURFACE (BGS) AND PLACEMENT OF EARTHEN BERMS AROUND THE SIDES OF THE PLANT AREA TO SCREEN THE EQUIPMENT AND OPERATION FROM THE PUBLIC. TEMPORARY POWER POLES AND THE PROCESSING PLANT EQUIPMENT WILL BE THEN BE INSTALLED. AN ACCESS ROAD FROM EL MONTE ROAD TO THE PLANT WILL BE EXCAVATED TO APPROXIMATELY 10 FEET BGS TO ACCOMMODATE ON HIGHWAY VEHICLE ACCESS TO THE PLANT/LOADING AREA. THE PROCESSING PAD WILL BE LOCATED NEAR THE EASTERN END OF THE PROJECT INITIALLY, NORTH OF THE RIVER CHANNEL AND WILL BE MOVED WESTWARD TO VARIOUS LOCATIONS AS THE MINING PHASES ADVANCE.

A DROP STRUCTURE WILL ALSO BE CONSTRUCTED ACROSS THE SAN DIEGO RIVER CHANNEL ON THE EASTERN EDGE OF THE PROJECT SITE TO PREVENT HEAD CUTTING TO THE EAST. IN THE FINAL PHASE THE WESTERN END OF THE PROJECT WILL BE MINED OUT, ALL EQUIPMENT REMOVED FROM THE PROPERTY AND THE AREA RECLAIMED TO THE FINAL LANDFORM.

PHASE 1

PHASE 1 WILL INCLUDE DEVELOPMENT OF THE SITE INCLUDING THE ACCESS ROAD, THE PLANT AREA DEPRESSION, INSTALLATION OF PROCESSING EQUIPMENT AND CONSTRUCTION OF AN EARTHEN BERM TO SCREEN THE FACILITIES FROM PUBLIC VIEW. DEVELOPMENT OF THE INITIAL PIT (60 ACRES) WILL BE COMPLETED IN THIS PHASE. UPON REACHING THE PIT BOTTOM ELEVATION (10 FEET ABOVE EXISTING WATER TABLE), AN EROSION CONTROL, DROP STRUCTURE WILL BE CONSTRUCTED ACROSS THE EASTERN EDGE OF THE PROJECT.

MATERIAL FROM THE SURFACE TO APPROXIMATELY 30 FEET OF MATERIAL BELOW THE EXISTING GROUND SURFACE WILL BE REMOVED USING FRONT END LOADERS AND EXCAVATORS. MINING WILL PROCEED IN A GENERAL EAST TO WEST DIRECTION.

WASTE FINES FROM THE PLANT WILL BE USED AS FILL OF THE LARGE POND AREA TO THE EAST THAT WAS PREVIOUSLY CONSTRUCTED AS A WATER HAZARD FOR THE PERMITTED GOLF COURSES. FILL WILL BE TRANSPORTED BY TRUCK OR PUMPED USING A SLURRY PIPELINE ONCE THESE POND AREAS ARE FILLED, WASTE FINES WILL BE REMOVED FROM THE SETTLING PONDS, SPREAD EVENLY OVER DISTURBED AREAS AND INCORPORATED INTO THE SURFACE MATERIAL.

PHASE 2

PHASE 2 WILL CONTINUE THE EXTRACTION PROCESS IN AN EAST TO WEST DIRECTION ON THE ADJACENT AREA OF APPROXIMATELY 54 ACRES. THE PLANT PROCESSING AREA AND ACCESS ROAD WILL MOVE WESTWARD. THIS PHASE IS ANTICIPATED TO LAST APPROXIMATELY 4 YEARS. EXCAVATION OF THE MATERIALS WILL START IN THE EAST AND PROCEED WESTWARD IN THE SAME FASHION AS UTILIZED IN PHASE 1. TOTAL DEPTH OF THE EXCAVATION IS EXPECTED TO BE APPROXIMATELY 30 FEET. EXCAVATED MATERIALS WILL BE LOADED DIRECTLY INTO THE PROCESSING PLANT BY A WHEELED FRONT END LOADER. RECLAMATION OF THE PHASE 1 AREA WILL BEGIN.

PHASE 3

THE EXCAVATION PROCESS IN PHASE 3 IS A REPEAT OF PHASE 2 ON THE ON APPROXIMATELY 52 ACRES OF THE VALLEY WEST OF THE PHASE 2 AREA. PHASE 3 IS ANTICIPATED TO LAST ABOUT 4 YEARS AND WILL EMPLOY THE SAME PROCESS AS THE TWO PREVIOUS PHASES. AT THE BEGINNING OF PHASE 3, THE PLANT WILL BE MOVED SOUTH OF THE CHANNEL.

PHASE 4

THE FINAL PHASE OF THE PROJECT WILL BE TO COMPLETE EXCAVATION OF THE WESTERN END OF THE PROJECT, REMOVE ALL EQUIPMENT AND TEMPORARY STRUCTURES FROM THE PROJECT SITE, REMAINING ACCESS ROAD SEGMENTS AND OPERATIONAL RELATED DISTURBANCE WILL BE RIPPED AND GRADED TO THE FINAL RECLAMATION CONTOURS AND THEN REVEGETATED. FINAL SLOPES ON THE PROJECT ARE DESIGNED WITH 3:1 SLOPES AND WILL NOT EXCEED 2:1.

RECLAMATION

RECLAMATION WILL BE COMPLETED FOR EACH A SPECIFIC PHASE AREA AFTER COMPLETION OF MINING IN THAT AREA. FINAL LANDFORMS WILL BE ESTABLISHED AND THE AREA PLANTED WITH THE PROPOSED SEED MIXES.

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.

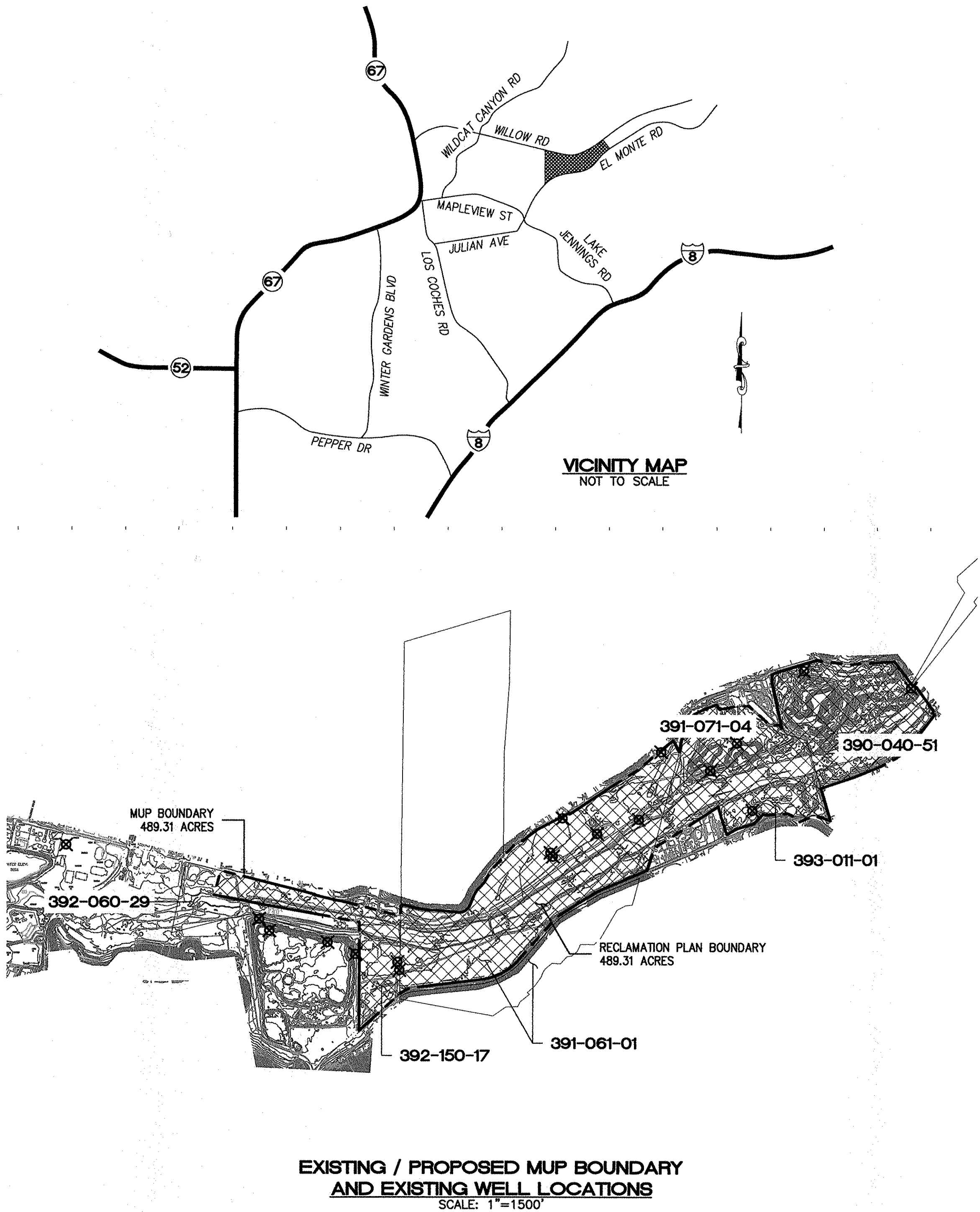
I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE COUNTY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

WAYNE W. CHANG
CHANG CONSULTANTS
P.O. BOX 9498
RANCHO SANTA FE, CA 92087
PHONE: (858) 682-0760

BY:

WAYNE W. CHANG, R.C.E. 46548

DATE:



LEGEND

EXISTING CONTOUR

SYMBOL

EXISTING SPOT ELEVATION

PROPOSED CONTOUR

ACCESS / HAUL ROAD

PHASE BOUNDARY

20' WIDE TRAIL EASEMENT

8' HIGH BERM

MUP BOUNDARY

DAYLIGHT LINE

PROPOSED RIPRAP

TEST PLOT AREA

MATURE RIPARIAN WOODLAND AREA

ENVIRONMENTALLY SENSITIVE AREA

WELL LOCATION

SHEET INDEX

SHEET 1 COVER SHEET
SHEET 2 PROJECT LIMITS AND PHASING
SHEET 3 PHASES 1 THROUGH 4 AND POND BACKFILL
SHEET 4 CROSS SECTIONS
SHEET 5 REVEGETATION PLAN
SHEET 6 EASEMENTS

LEGAL DESCRIPTION

PORTIONS OF SECTIONS 9, 10, AND 16, TOWNSHIP 15 SOUTH, RANGE 1 EAST OF THE EL CAJON MOUNTAIN, CALIFORNIA, U.S. GEOLOGICAL SURVEY (USGS) 7.5-MINUTE QUADRANGLE, SAN BERNARDINO BASE AND MERIDIAN, COUNTY OF SAN DIEGO, CALIFORNIA AT APPROXIMATELY 32°52' 38.53" N LATITUDE -116° 52' 50.00" W LONGITUDE.

PROJECT DESCRIPTION

THE MINERAL EXTRACTION PROJECT WILL INCLUDE THE MODIFICATION OF EXISTING MAJOR USE PERMIT P98-014 AND THE APPROVAL OF A RECLAMATION PLAN BY THE COUNTY OF SAN DIEGO FOR EXTRACTION OF 10.3-MILLION TONS OF CONSTRUCTION AGGREGATE AND RECLAMATION OF THE MINED LANDS (I.E. THE AREAS DISTURBED BY MINERAL EXTRACTION ACTIVITIES). APPROXIMATELY 230 ACRES WILL BE DISTURBED AND RECLAIMED OVER A PERIOD OF 16 YEARS WITHIN A PROJECT BOUNDARY OF 489 ACRES. ASSOCIATED ACTIVITIES INCLUDE A MOVABLE, AGGREGATE PROCESSING PLANT WHICH WILL BE RE-LOCATED AHEAD OF THE PIT AS MINING PROGRESSES FROM EAST TO WEST. TEMPORARY OFFICE TRAILERS WILL BE UTILIZED FOR ADMINISTRATIVE PURPOSES DURING THE OPERATION.

THE REQUESTED MUP WOULD AUTHORIZE A MAXIMUM PRODUCTION LIMIT OF 733,000-CUBIC YARDS IN ANY CALENDAR YEAR WITH AN ANNUAL AVERAGE OF 575,000-CUBIC YARDS. TOTAL MATERIAL PRODUCTION FROM THE SITE IS ESTIMATED TO BE ABOUT 10.3-MILLION TONS (6.9-MILLION CUBIC YARDS).

EQUIPMENT USED TO EXTRACT THE MATERIALS FROM THE SURFACE TO APPROXIMATELY 10 FEET ABOVE THE WATER TABLE WILL INCLUDE FRONT-END LOADERS AND EXCAVATORS. FRONT END LOADERS WILL BE USED TO EXCAVATE MATERIALS AND LOAD DIRECTLY INTO THE PLANT. UPON WHEELED LOADERS WILL THEN BE USED TO LOAD THE ON HIGHWAY TRUCKS.

RECLAMATION WILL BE ALSO BE PHASED AS THE PIT ADVANCES TO THE WEST WITH TERRACE BUILT ALONG THE EDGES OF THE PIT AND A WATER POND ESTABLISHED. REVEGETATION EFFORTS WILL USE NATIVE PLANT SPECIES IN AN EFFORT TO REPLACE NATIVE HABITATS IN THIS AREA. OPEN SPACE AND RECREATIONAL TRAILS ARE THE PROPOSED LAND USE AFTER THE COMPLETION OF MINING.

OWNERS

HELIX WATER DISTRICT
7811 UNIVERSITY AVENUE
LA MESA, CA 91942
PHONE: (619) 466-0585

PERMITEE

EL MONTE NATURE PRESERVE, LLC
1335 SAN LUCAS COURT
SOLANA BEACH, CA 92075
PHONE: (619) 889-3397

ASSESSOR'S PARCEL NUMBERS

393-011-01
392-150-17
392-060-29

391-061-01
391-071-04
390-040-51

GENERAL PLAN

PUBLIC AGENCY LAND

COMMUNITY PLAN AREA

LAKEVIEW COMMUNITY PLAN

ZONING

S-82, EXTRACTIVE USE (APPROX. 414 ACRES), MINIMUM LOT SIZE: 8 ACRE(S), SPECIAL AREA REGULATION: F, S

A-70, LIMITED AGRICULTURE (APPROX. 75 ACRES), MINIMUM LOT SIZE: 4 ACRE(S), SPECIAL AREA REGULATION: S

PROJECT ACREAGES

MAJOR USE PERMIT BOUNDARY 489.31 ACRES
RECLAMATION PLAN BOUNDARY 489.31 ACRES
EXCAVATION ACREAGE 215.69 ACRES
PHASE 1 MINING 59.85 ACRES
PHASE 2 MINING 53.75 ACRES
PHASE 3 MINING 50.16 ACRES
PHASE 4 MINING 51.83 ACRES
ACREAGE OF PONDS TO BE FILLED 10.08 ACRES
POND 1 10.08 ACRES

EXTRACTION VOLUMES

PHASE 1 1,925,500 CUBIC YARDS
PHASE 2 1,814,000 CUBIC YARDS
PHASE 3 1,875,500 CUBIC YARDS
PHASE 4 1,923,500 CUBIC YARDS
OVERALL 7,538,500 CUBIC YARDS

DRAFT

San Diego Gas & Electric Company
Reviewed By: _____ Date: _____
Land Management Representative
Valid for 18 months from date of signature

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
1	ORIGINAL		

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 OF SAN DIEGO BENCHMARK
LOCATION:	
RECORD FROM:	
ELEVATION:	
DATE:	NOV 29

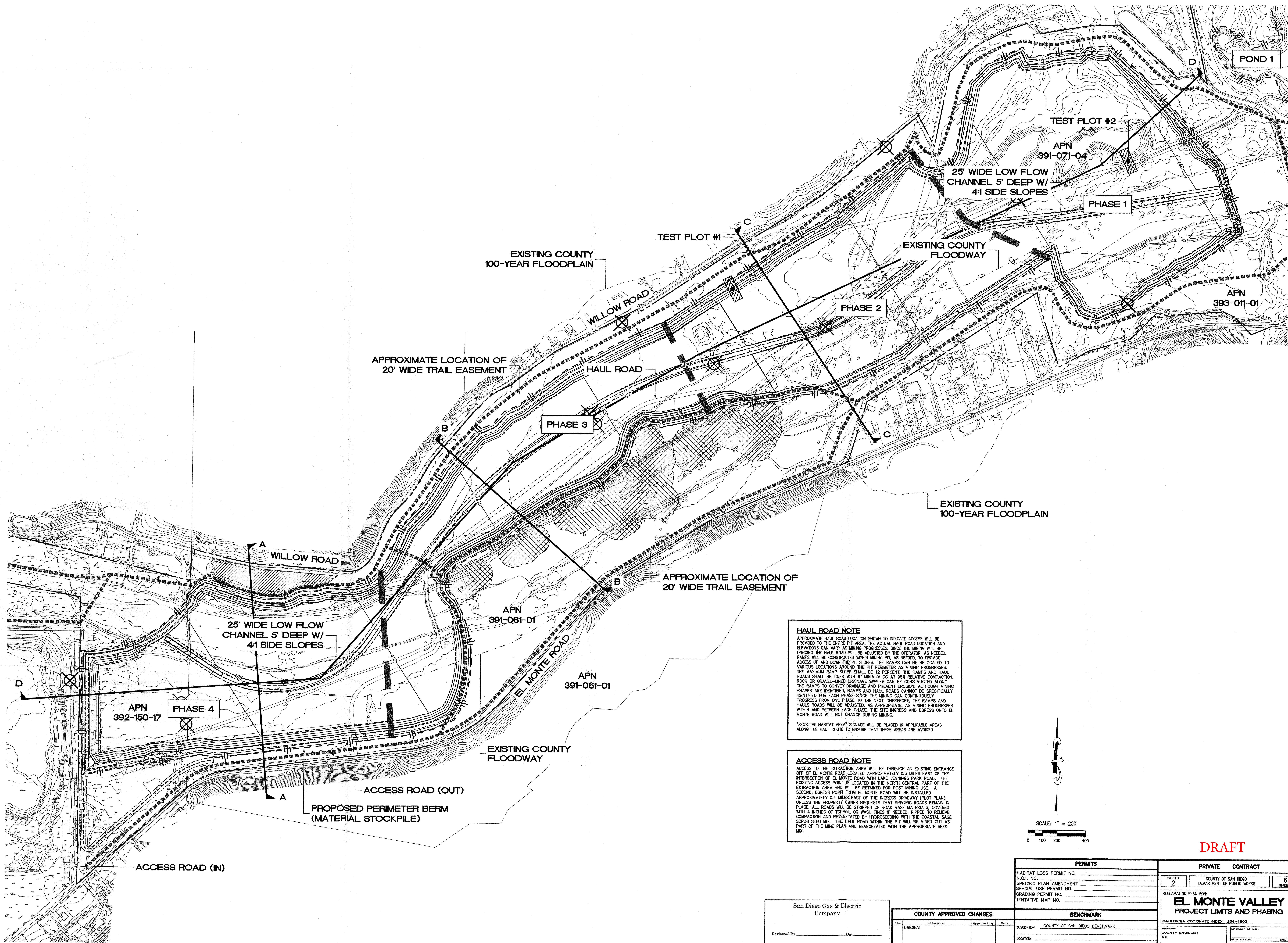
PRIVATE CONTRACT	
SHEET 1	6 SHEETS
RECLAMATION PLAN FOR: EL MONTE NATURE PRESERVE COVER SHEET	
CALIFORNIA COORDINATE INDEX: 254-1803	
APPROVED COUNTY ENGINEER BY: _____	ENGINEER OF WORK BY: _____
Grading Permit No. _____	Grading Permit No. _____

FILE NO. SDC PDS RCVD 11-21-16

MUP98-014W2

November 17, 2016

FOR REVIEW ONLY



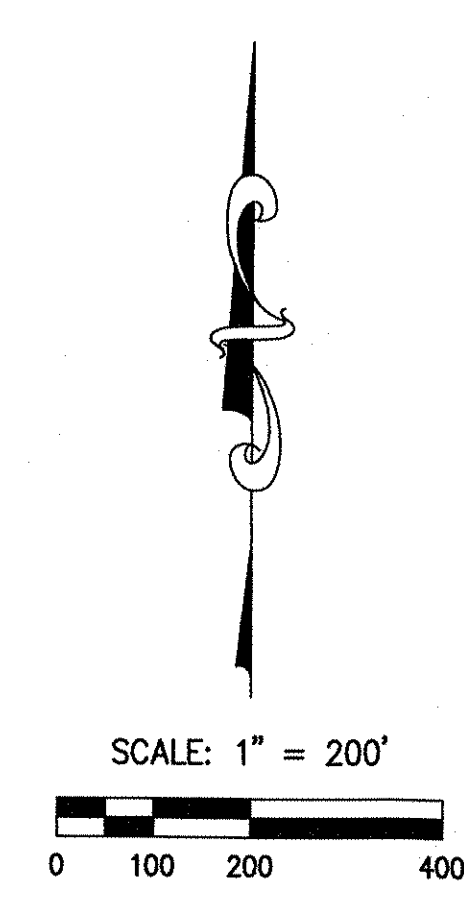
HAUL ROAD NOTE

APPROXIMATE HAUL ROAD LOCATION SHOWN TO INDICATE ACCESS WILL BE PROVIDED TO THE ENTIRE PIT AREA. THE ACTUAL HAUL ROAD LOCATION AND ELEVATIONS CAN VARY AS MINING PROGRESSES. SINCE THE MINING WILL BE ONGOING THE HAUL ROAD WILL BE ADJUSTED BY THE OPERATOR, AS NEEDED. RAMP WILL BE CONSTRUCTED WITHIN MINING PIT, AS NEEDED, TO PROVIDE ACCESS UP AND DOWN THE PIT SLOPES. THE RAMP CAN BE RELOCATED TO VARIOUS LOCATIONS AROUND THE PIT PERIMETER AS MINING PROGRESSES. THE MAXIMUM RAMP SLOPE SHALL BE 12 PERCENT. THE RAMP AND HAUL ROADS SHALL BE LINED WITH 6" MINIMUM DG AT 95% RELATIVE COMPACTION. ROCK OR GRAVEL-LINED DRAINAGE SWALES CAN BE CONSTRUCTED ALONG THE RAMP TO CONVEY DRAINAGE AND PREVENT EROSION. ALTHOUGH MINING PHASES ARE IDENTIFIED, RAMP AND HAUL ROADS CANNOT BE SPECIFICALLY IDENTIFIED FOR EACH PHASE SINCE THE MINING CAN CONTINUOUSLY PROGRESS FROM ONE PHASE TO THE NEXT. THEREFORE, THE RAMP AND HAULS ROADS WILL BE ADJUSTED, AS APPROPRIATE, AS MINING PROGRESSES WITHIN AND BETWEEN EACH PHASE. THE SITE INGRESS AND EGRESS ONTO EL MONTE ROAD WILL NOT CHANGE DURING MINING.

SENSITIVE HABITAT AREA SIGNAGE WILL BE PLACED IN APPLICABLE AREAS ALONG THE HAUL ROUTE TO ENSURE THAT THESE AREAS ARE AVOIDED.

ACCESS ROAD NOTE

ACCESS TO THE EXTRACTION AREA WILL BE THROUGH AN EXISTING ENTRANCE OFF OF EL MONTE ROAD LOCATED APPROXIMATELY 0.5 MILES EAST OF THE INTERSECTION OF EL MONTE ROAD WITH LAKE JENNINGS PARK ROAD. THE EXISTING ACCESS POINT IS LOCATED IN THE NORTH CENTRAL PART OF THE EXTRACTION AREA AND WILL BE RETAINED FOR POST MINING USE. A SECOND, EGRESS POINT FROM EL MONTE ROAD WILL BE INSTALLED APPROXIMATELY 0.4 MILES EAST OF THE INGRESS DRIVEWAY (PLOT PLAN). UNLESS THE PROPERTY OWNER REQUESTS THAT SPECIFIC ROADS REMAIN IN PLACE, ALL ROADS WILL BE STRIPPED OF ROAD BASE MATERIALS, COVERED WITH 4 INCHES OF TOPSOIL OR WASH FINES IF NEEDED, RIPPED TO RELIEVE COMPACTION AND REVEGETATED BY HYDROSEEDING WITH THE COASTAL SAGE SCRUB SEED MIX. THE HAUL ROAD WITHIN THE PIT WILL BE MINED OUT AS PART OF THE MINE PLAN AND REVEGETATED WITH THE APPROPRIATE SEED MIX.



DRAFT

San Diego Gas & Electric
Company

Reviewed By: _____ Date: _____

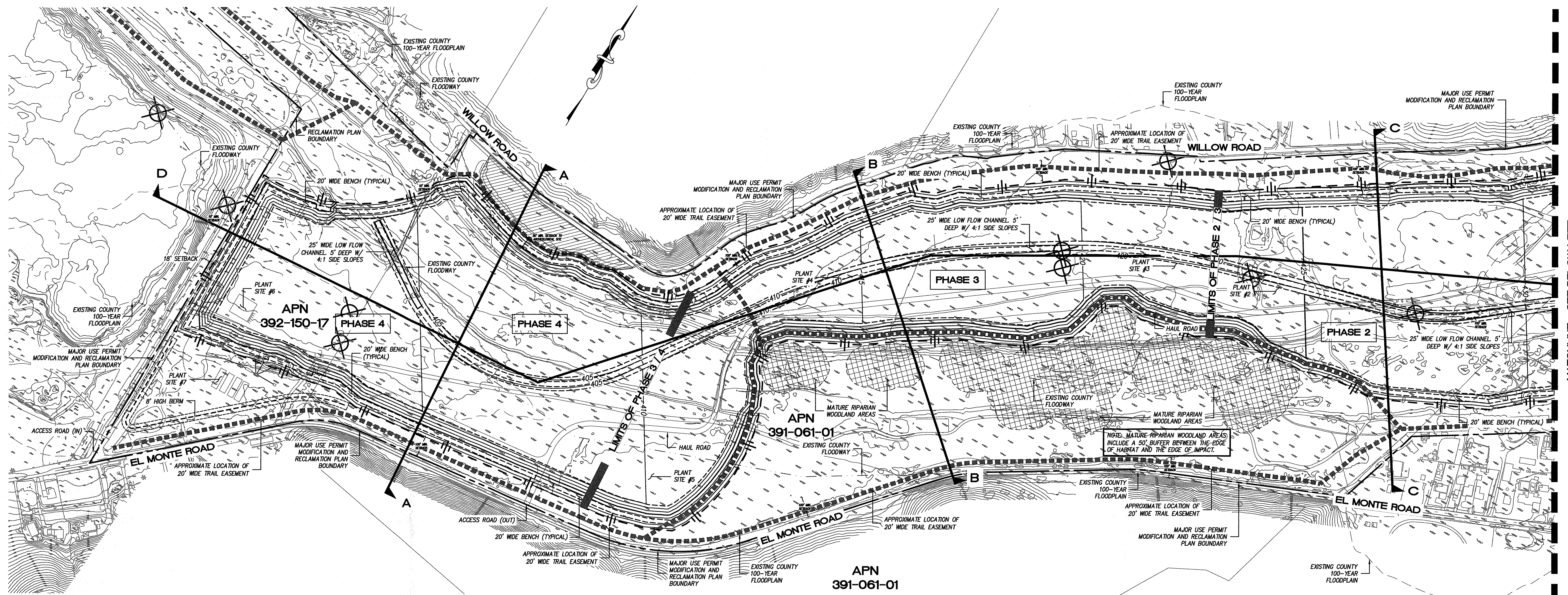
Land Management Representative
Valid for 18 months from date of signature

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
ORIGINAL			

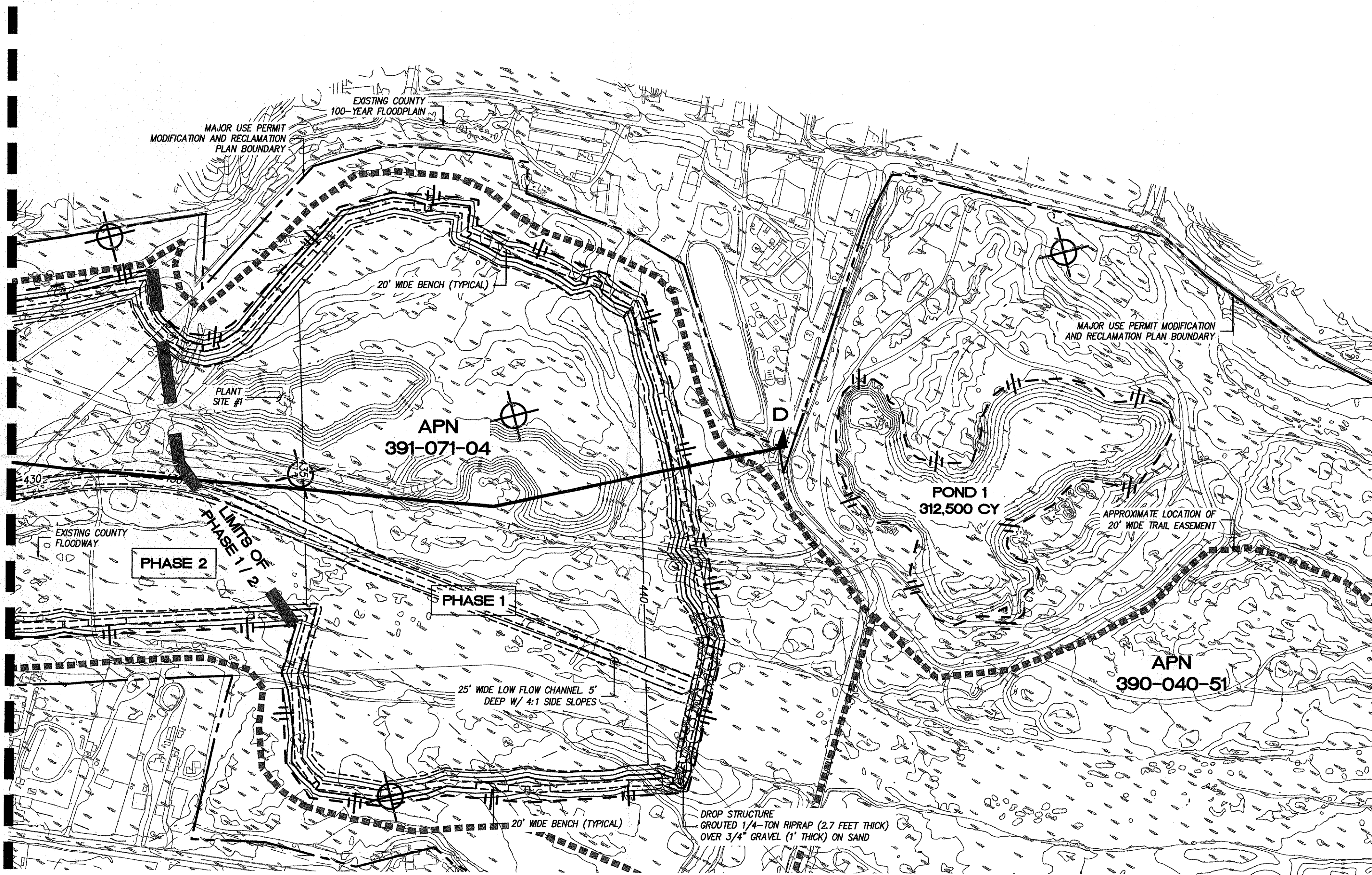
PERMITS	
HABITAT LOSS PERMIT NO.	
N.O.I. NO.	
SPECIFIC PLAN AMENDMENT	
SPECIAL USE PERMIT NO.	
GRADING PERMIT NO.	
TENTATIVE MAP NO.	

BENCHMARK	
DESCRIPTION: COUNTY OF SAN DIEGO BENCHMARK	
LOCATION:	
RECORD FROM:	
ELEVATION:	
DATE:	NOV 29

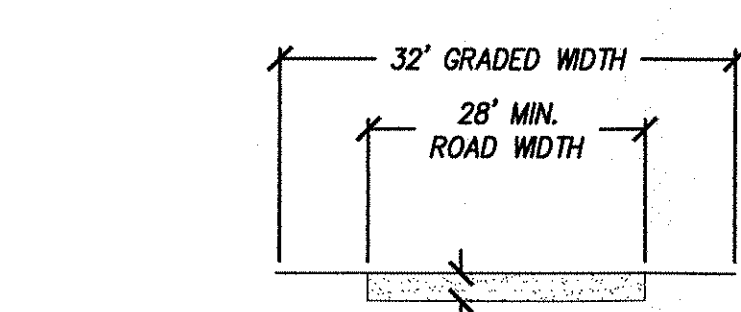
PRIVATE CONTRACT	
SHEET 2	6 SHEETS
COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	
RECLAMATION PLAN FOR: EL MONTE VALLEY PROJECT LIMITS AND PHASING	
CALIFORNIA COORDINATE INDEX: 254-1803	
APPROVED COUNTY ENGINEER BY: _____	ENGINEER OF WORK BY: _____
DATE: _____	DATE: _____
Grading Permit No. _____	



MATCHLINE - SEE BELOW LEFT

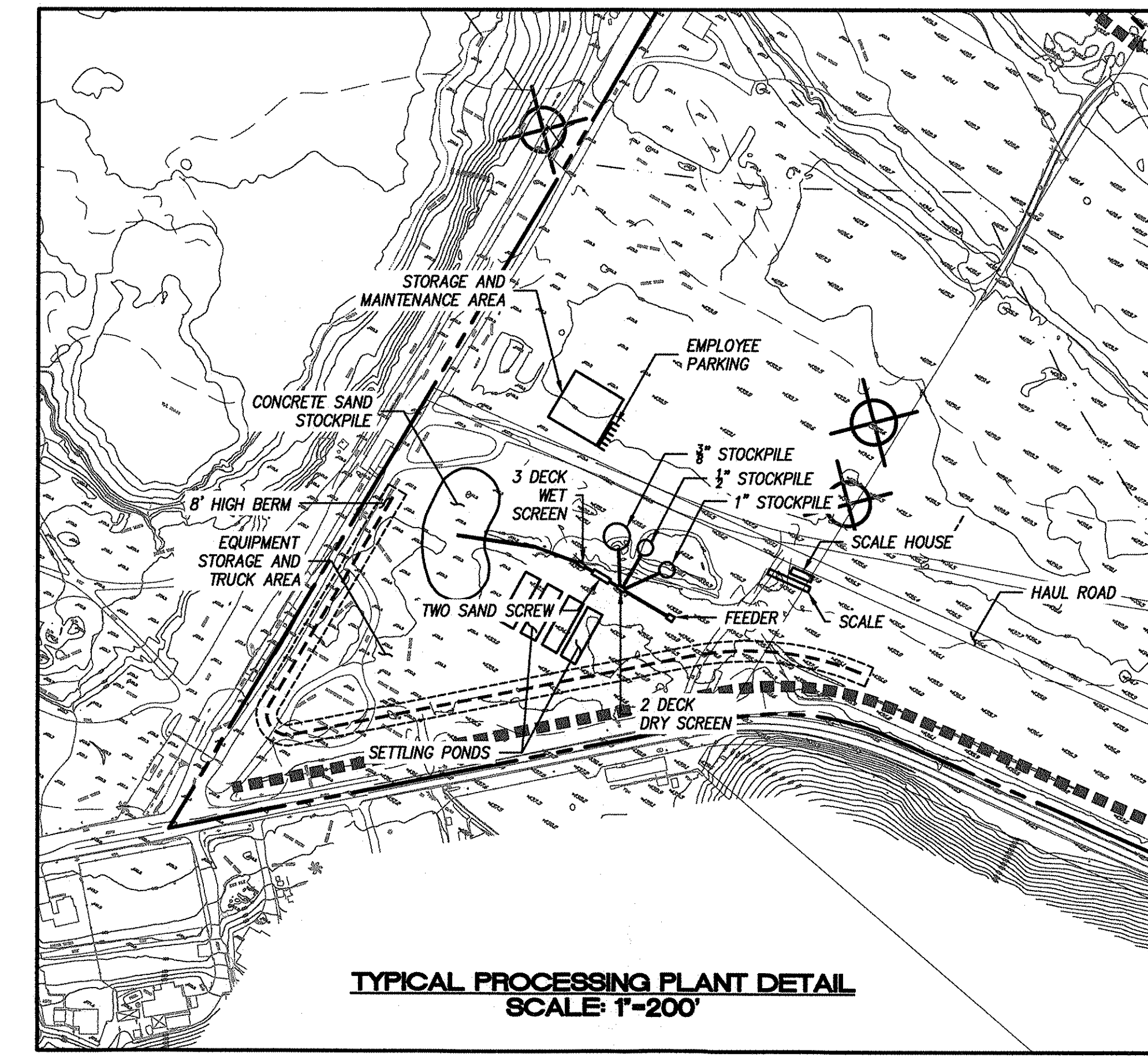


MATCHLINE - SEE ABOVE RIGHT

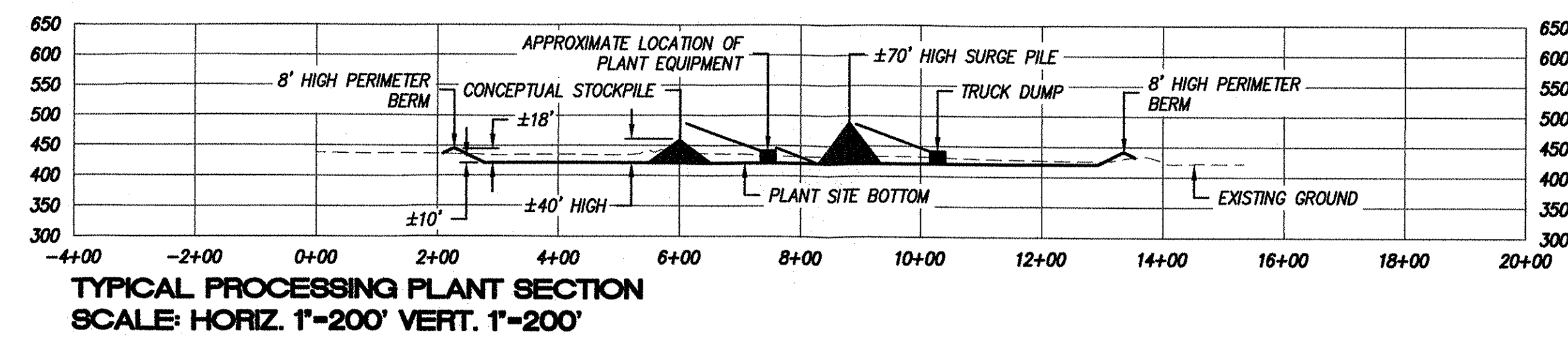


NOTES:
1. PROPOSED ACCESS ROAD SUBJECT TO PDS LAND DEVELOPMENT AND FIRE DEPARTMENT APPROVALS.
2. DRIVEWAY ENTRANCE FROM EL MONTE ROAD TO BE 3" A/C ON 12" AGGREGATE BASE OR AS SPECIFIED BY SOILS ENGINEER.

**TYPICAL ACCESS ROAD DETAIL
NOT TO SCALE**



**TYPICAL PROCESSING PLANT DETAIL
SCALE: 1"=200'**



**TYPICAL PROCESSING PLANT SECTION
SCALE: HORIZ. 1"=200' VERT. 1"=200'**

San Diego Gas & Electric Company

Reviewed By: _____ Date: _____

Land Management Representative

Valid for 18 months from date of signature

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
	ORIGINAL		

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 OF SAN DIEGO BENCHMARK	
LOCATION: _____	
RECORD FROM: _____	
ELEVATION: _____	DATE: NOV 29

DRAFT

PRIVATE CONTRACT	
SHEET 3	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 6 SHEETS

RECLAMATION PLAN FOR:

EL MONTE VALLEY

PHASE 1 AND 2

CALIFORNIA COORDINATE INDEX: 254-1803

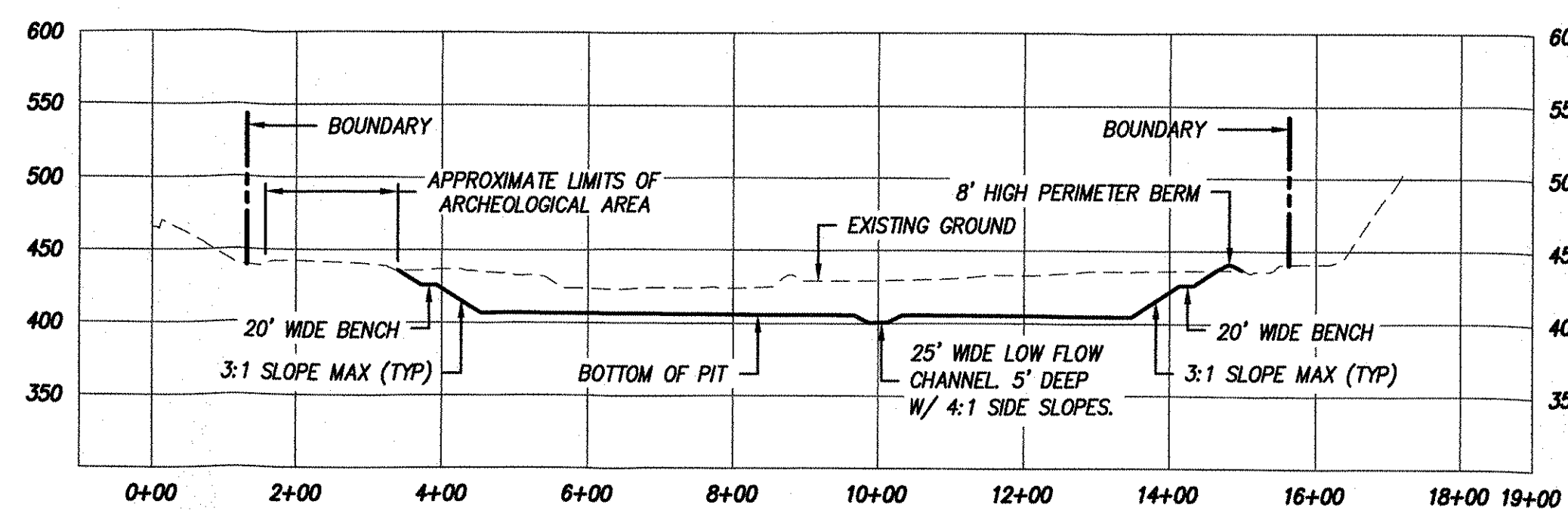
APPROVED COUNTY ENGINEER: _____

DATE: _____

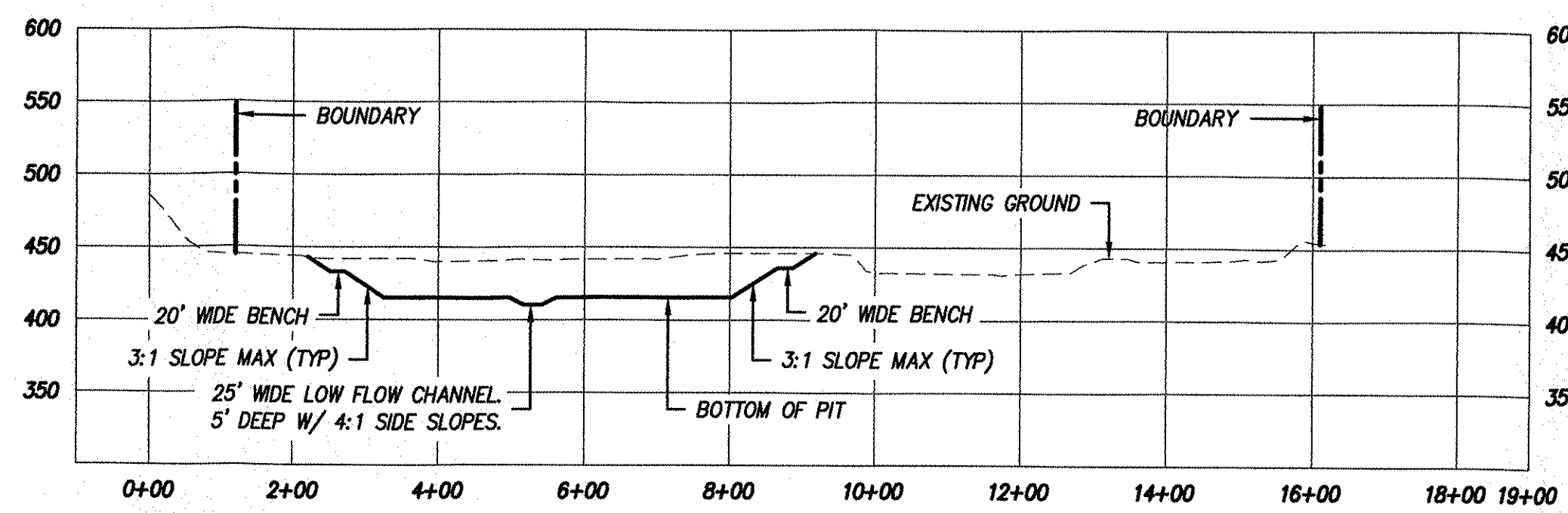
ENGINEER OF WORK: _____

DATE: _____

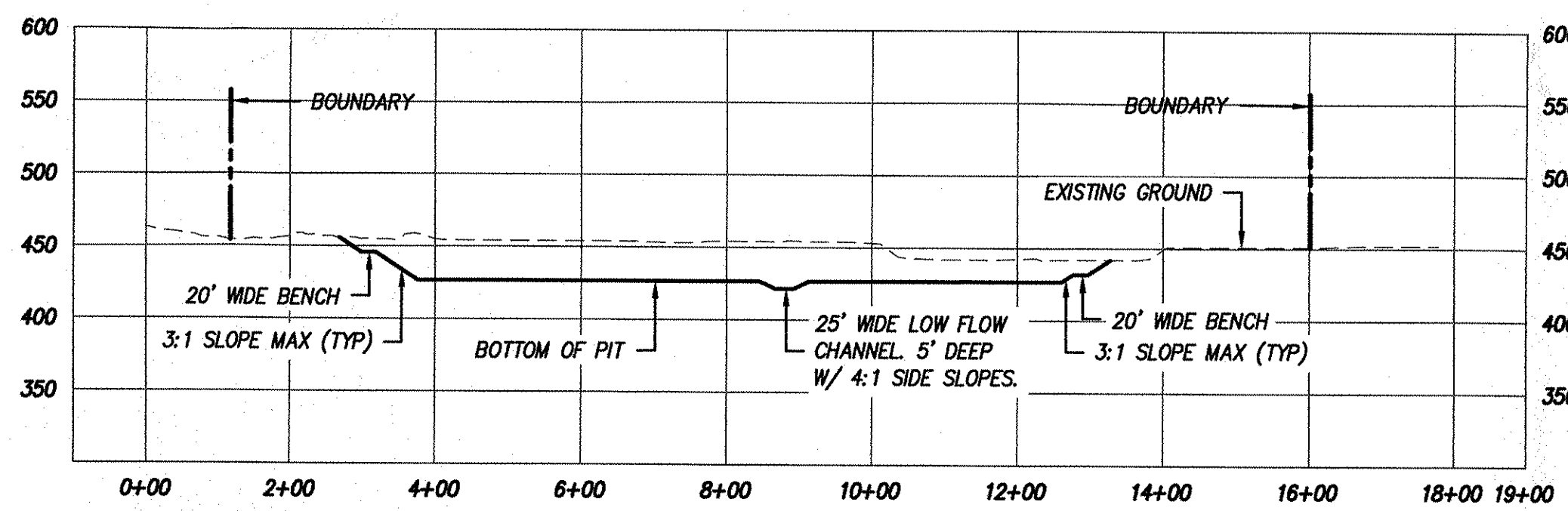
GRADING PERMIT NO.: _____



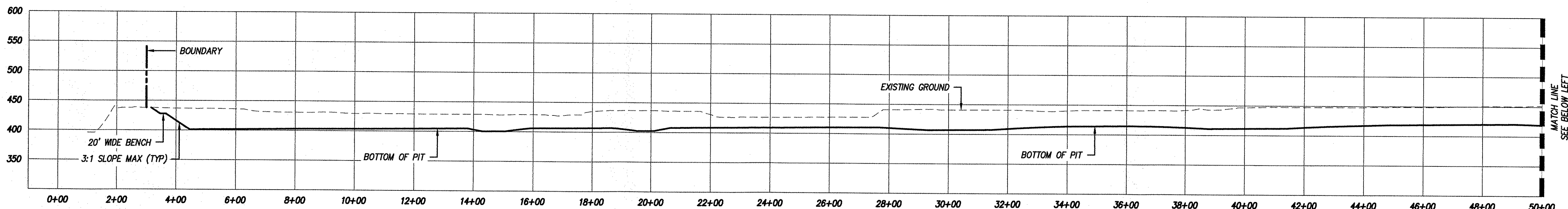
SECTION A-A
SCALE: HORIZ. 1"=200' VERT. 1"=200'



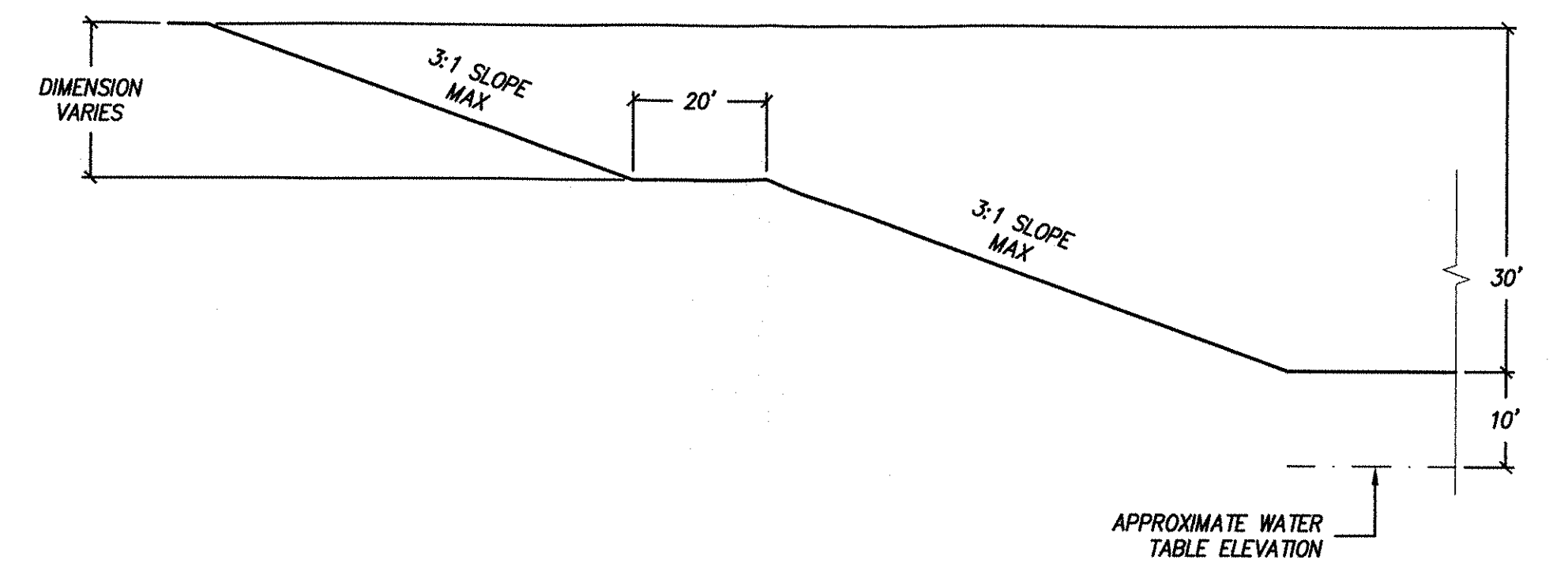
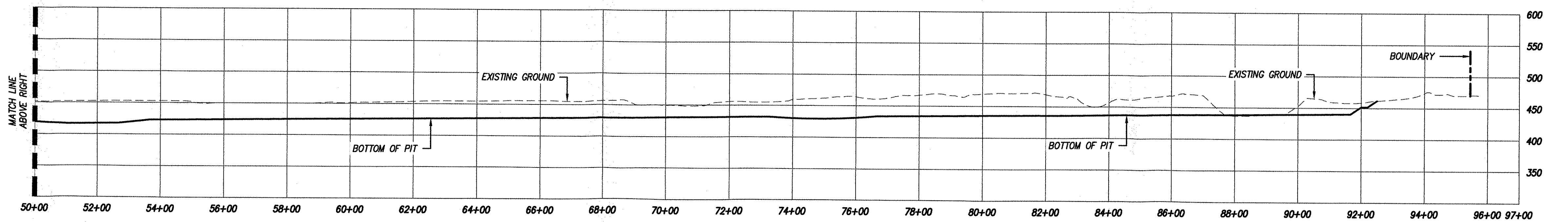
SECTION B-B
SCALE: HORIZ. 1"=200' VERT. 1"=200'



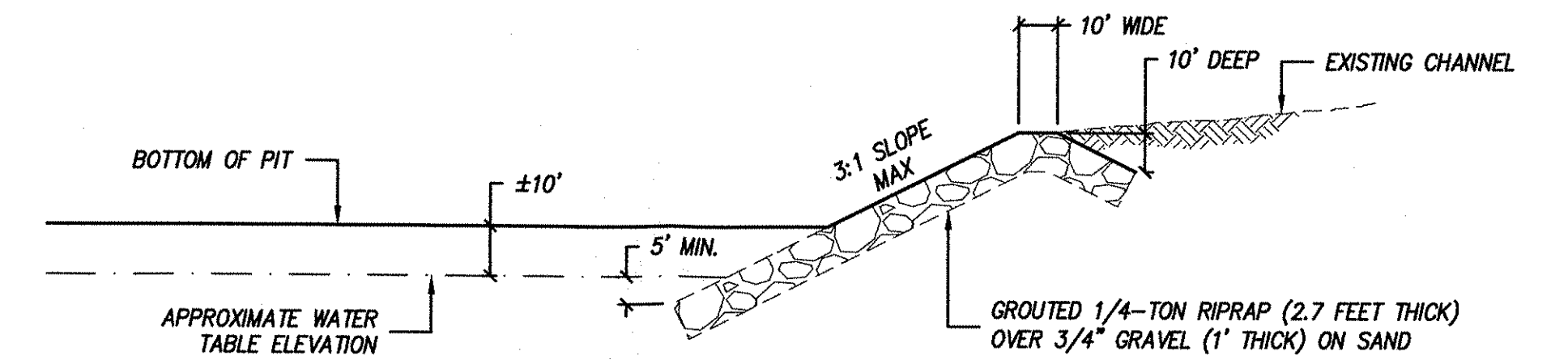
SECTION C-C
SCALE: HORIZ. 1"=200' VERT. 1"=200'



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



PIT GRADING TYPICAL SECTION
SCALE: 1"=40'



DROP STRUCTURE TYPICAL SECTION
SCALE: 1"=40'

SCALE: 1" = 200'

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
ORIGINAL			

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

BENCHMARK	
DESCRIPTION	COUNTY OF SAN DIEGO BENCHMARK
LOCATION	
RECORD FROM	
ELEVATION	
DATE	NOV 29

PRIVATE CONTRACT	
SHEET	4
COUNTY OF SAN DIEGO	6 SHEETS
DEPARTMENT OF PUBLIC WORKS	
RECLAMATION PLAN FOR:	
EL MONTE VALLEY CROSS SECTIONS	
CALIFORNIA COORDINATE INDEX: 254-1803	
APPROVED	ENGINEER OF WORK
COUNTY ENGINEER	
DATE	
GRADING	
PERMIT NO.	

FILE NO. November 17, 2016

FOR REVIEW ONLY

Species	Common Name	Density (lbs./acre)	Purity/Germination %
<i>Ambrosia psilostachya</i>	Western ragweed	4.0	10/50
<i>Artemisia douglasiana</i>	Douglas' mugwort	6.0	15/40
<i>Artemisia palmeri</i>	San Diego sawewort	3.0	20/50
<i>Comissonopsis bistorta</i>	California sun cup	1.0	80/50
<i>Iva hayesiana</i>	San Diego Marsh elder	8.0	30/30
Total:		22	

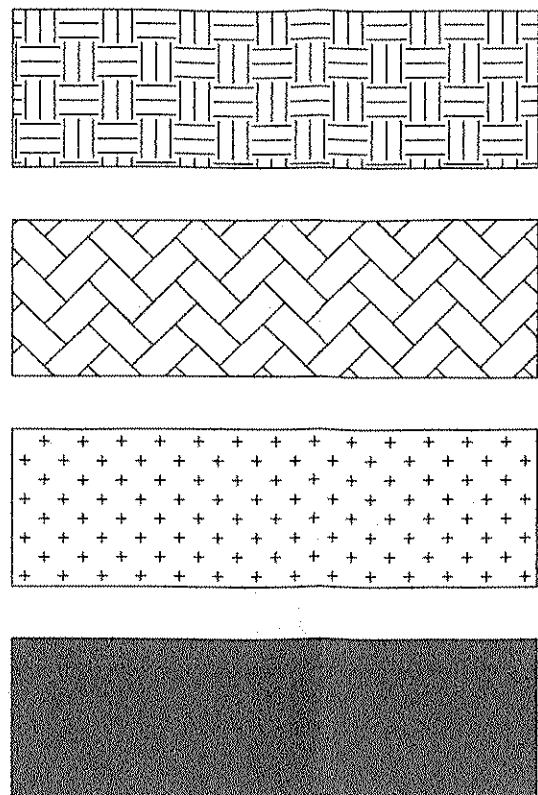
Species	Common Name	Density (lbs./acre)	Purity/Germination %
<i>Ambrosia psilostachya</i>	Western ragweed	3.0	10/50
<i>Artemisia douglasiana</i>	Douglas' mugwort	4.0	15/40
<i>Artemisia palmeri</i>	San Diego sawewort	2.0	20/50
<i>Baccharis pilularis</i>	Coyote brush	2.0	5/50
<i>Baccharis salicifolia</i>	Mulefat	1.0	10/20
<i>Comissonopsis bistorta</i>	California sun cup	1.0	80/50
<i>Isocoma menziesii</i>	Coastal goldenbush	3.0	18/30
<i>Pluchea sericea</i>	Arrow-weed	0.5	5/20
<i>Salix exigua</i>	Sandbar willow	n/a	Cuttings/Container
<i>Salix gooddingii</i>	Black willow	n/a	Cuttings/Container
<i>Salix laevigata</i>	Red willow	n/a	Cuttings/Container
<i>Salix lasiolepis</i>	Arroyo willow	n/a	Cuttings/Container
Total:		16.5	

Species	Common Name	Density (lbs./acre)	Purity/Germination %
<i>Artemisia douglasiana</i>	Douglas' mugwort	4.0	15/40
<i>Artemisia dracunculoides</i>	Tarragon	2.0	10/50
<i>Artemisia palmeri</i>	San Diego sawewort	2.0	20/50
<i>Baccharis pilularis</i>	Coyote brush	2.0	5/50
<i>Baccharis salicifolia</i>	Mulefat	1.0	10/20
<i>accharis sarothroides</i>	Broom baccharis	1.0	5/40
<i>omissonopsis bistorta</i>	California sun cup	1.0	80/50
<i>socoma menziesii</i>	Coastal goldenbush	3.0	18/30
<i>upinus sparsiflorus</i>	Coulter's lupine	2.0	98/85
<i>upinus truncatus</i>	Collar lupine	4.0	98/85
<i>enothera elata ssp. hookeri</i>	Evening primrose	1.0	98/80
Total:		23	

Species	Common Name	Density (lbs./acre)	Purity/Germination %
<i>Acmispon glaber</i>	Deerweed	4.0	90/60
<i>Artemisia californica</i>	California sagebrush	2.0	30/60
<i>Bahipassia latifolia</i>	San Diego County yucca	3.0	40/50
<i>Encelia californica</i>	California encelia	2.0	30/40
<i>Eschscholzia californica</i>	California poppy	2.0	98/85
<i>Lupinus sparsiflorus</i>	Coulter's lupine	2.0	98/85
<i>Lupinus truncatus</i>	Collar lupine	4.0	98/85
<i>Pseudognaphalium bialetti</i>	Two-color rabbit-tobacco	1.0	4/45
<i>Pseudognaphalium californicum</i>	Ladies' tobacco	2.0	5/50
<i>Sisyrinchium bellum</i>	Blue-eyed grass	3.0	98/85
<i>Mimulus aurantiacus</i>	Bush monkeyflower	2.0	2/60
<i>Muhlenbergia rigens</i>	Deer grass	1.0	70/45
<i>Stipa cernua</i>	Nodding needlegrass	2.0	90/70
<i>Stipa spida</i>	Foothill needlegrass	3.0	90/70
<i>Stipa pulchra</i>	Purple needlegrass	6.0	90/70
<i>Vulpia microstachys</i>	Small fescue	8.0	98/85
Total:		47	
Hydroseed Slurry Materials			
Wood Fiber Mulch		2,500	
SuperTack Binder		160	

Vegetative Cover (m. meters)	Species Composition / Species Richness	Percent Cover	Density
Seed Mixes	Target Goal : 100% of the most prevalent species shall be native species 12 randomly placed 50 - meter by 1-meter transects.	Target Goal : 50% cover (all native species combined) 12 randomly placed 50 - meter by 1-meter transects.	N/A

LEGEND



COASTAL SAGE SCRUB

SOUTHERN WILLOW SCRUB

SOUTHERN COTTONWOOD RIPARIAN FOREST

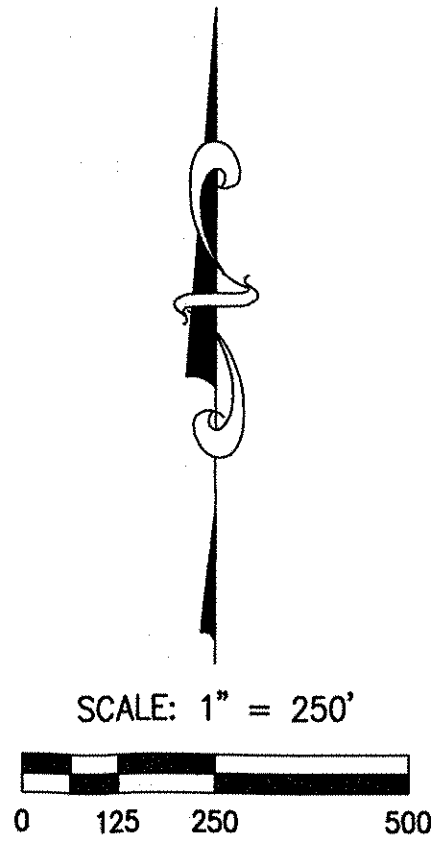
VEGETATED STREAMBED

TRANSECTS (TYPICAL)

TEST PLOT #1

TEST PLOT #2

REVEGETATION NOTE
SEE REVEGETATION PLAN FOR TYPICAL PLANTING LAYOUTS AND HABITAT ACREAGES.



San Diego Gas & Electric Company
Reviewed By: _____ Date: _____
Land Management Representative
Valid for 18 months from date of signature

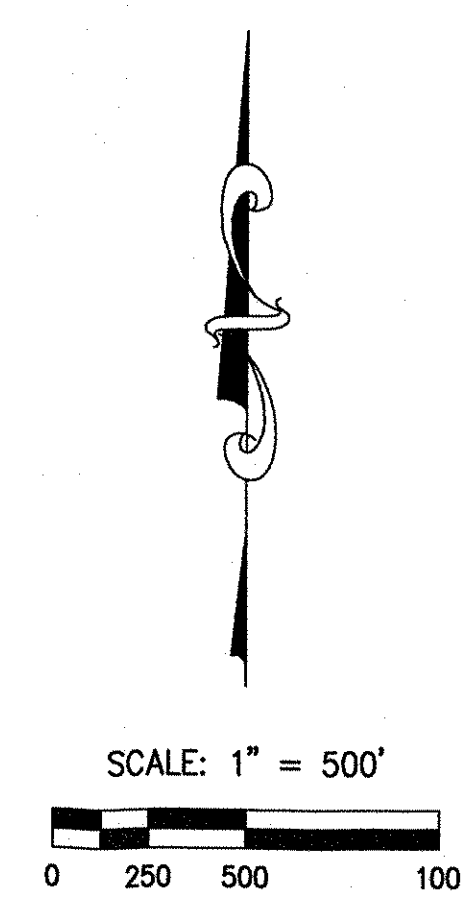
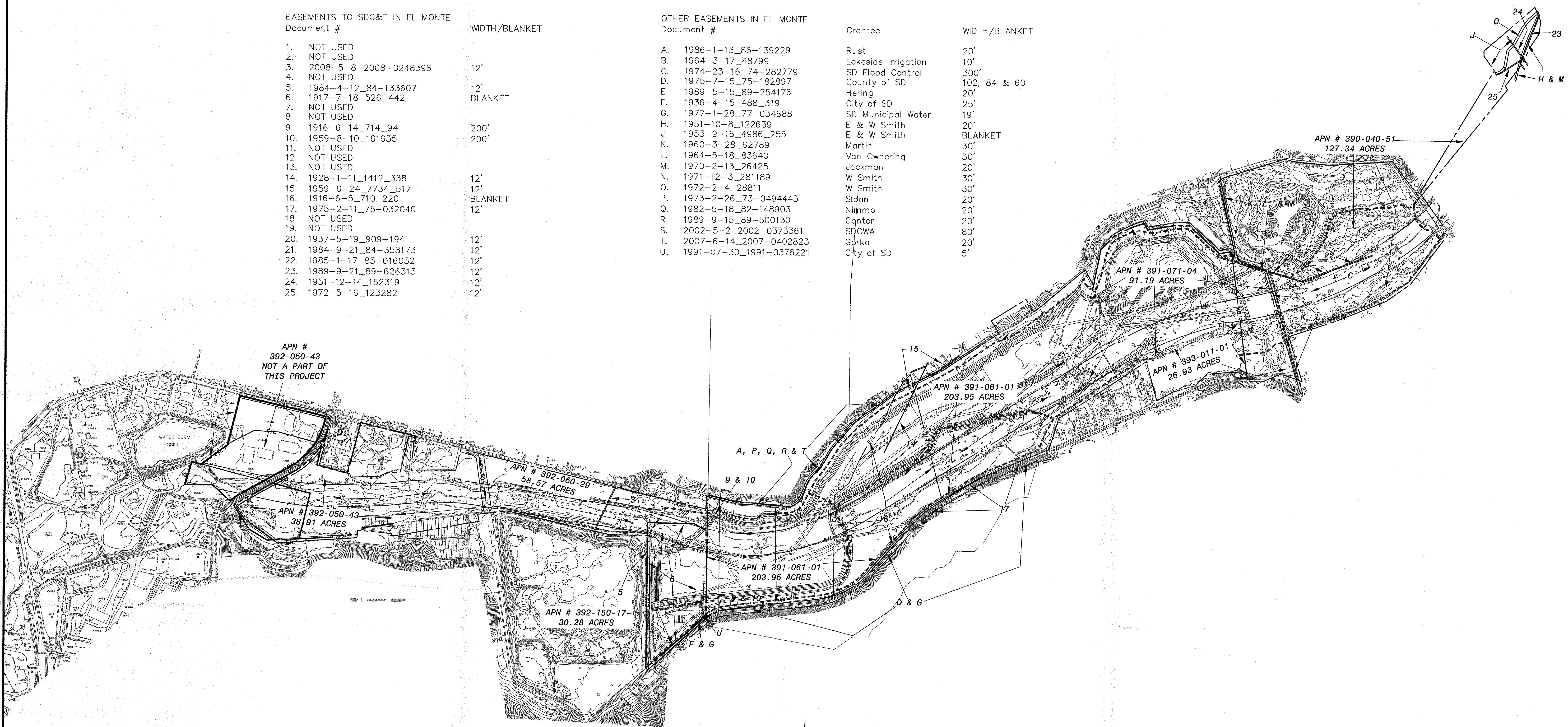
COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
1	ORIGINAL		

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

BENCHMARK	
DESCRIPTION:	COUNTY OF SAN DIEGO BENCHMARK
LOCATION:	
RECORD FROM:	
ELEVATION:	
DATE:	NOV 29

PRIVATE CONTRACT	
SHEET 5	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS
6 SHEETS	
RECLAMATION PLAN FOR EL MONTE VALLEY REVEGETATION PLAN	
CALIFORNIA COORDINATE INDEX: 254-1803	
Approved COUNTY ENGINEER BY:	Engineer of work
DATE: 11/16/2016	FILE: 2016
Grading Permit No.	

EASEMENTS TO SDG&E IN EL MONTE		OTHER EASEMENTS IN EL MONTE			
Document #		Document #	Grantee	WIDTH/BLANKET	
1.	NOT USED	A.	1986-1-13_86-139229	Rust	20'
2.	NOT USED	B.	1964-3-17_48799	Lakeside Irrigation	10'
3.	2008-5-8-2008-0248396	C.	1974-23-16_74-282779	SD Flood Control	300'
4.	NOT USED	D.	1975-7-15_75-182897	County of SD	102, 84 & 60
5.	1984-4-12_84-133607	E.	1989-5-15_89-254176	Hering	20'
6.	1917-7-18_526_442	F.	1936-4-15_488_319	City of SD	25'
7.	NOT USED	G.	1977-1-28_77-034688	SD Municipal Water	19'
8.	NOT USED	H.	1951-10-8_122639	E & W Smith	20'
9.	1916-6-14_714_94	J.	1953-9-16_4986_255	E & W Smith	BLANKET
10.	1959-8-10_161635	K.	1960-3-28_62789	Martin	30'
11.	NOT USED	L.	1964-5-18_83640	Van Owning	30'
12.	NOT USED	M.	1970-2-13_26425	Jackman	20'
13.	NOT USED	N.	1971-12-3_281189	W Smith	30'
14.	1928-1-11_1412_338	O.	1972-2-4_28811	W Smith	30'
15.	1959-6-24_7734_517	P.	1973-2-26_73-0494443	Sidan	20'
16.	1916-6-5_710_220	Q.	1982-5-18_82-148903	Ninhmo	20'
17.	1975-2-11_75-032040	R.	1989-9-15_89-500130	Cantor	20'
18.	NOT USED	S.	2002-5-2_2002-0373361	SDCWA	80'
19.	NOT USED	T.	2007-6-14_2007-0402823	Gorka	20'
20.	1937-5-19_909-194	U.	1991-07-30_1991-0376221	City of SD	5'
21.	1984-9-21_84-358173				
22.	1985-1-17_85-016052				
23.	1989-9-21_89-626313				
24.	1951-12-14_152319				
25.	1972-5-16_123282				



San Diego Gas & Electric
Company

Reviewed By: _____ Date: _____

Land Management Representative
Valid for 18 months from date of signature

COUNTY APPROVED CHANGES			
No.	Description	Approved by	Date
ORIGINAL			

PERMITS		PRIVATE CONTRACT	
HABITAT LOSS PERMIT NO.		SHEET	6
N.O.I. NO.		COUNTY OF SAN DIEGO	6 SHEETS
SPECIFIC PLAN AMENDMENT		DEPARTMENT OF PUBLIC WORKS	
SPECIAL USE PERMIT NO.			
GRADING PERMIT NO.			
TENTATIVE MAP NO.			
BENCHMARK		RECLAMATION PLAN FOR: EL MONTE VALLEY EASEMENTS	
DESCRIPTION:	COUNTY OF SAN DIEGO BENCHMARK	CALIFORNIA COORDINATE INDEX: 254-1803	
LOCATION:		Approved COUNTY ENGINEER	
RECORD FROM:		ENGINEER'S NAME: CHAN & CONSULTANTS	
ELEVATION:		PHONE NO. (619) 692-0760	
		DATE: NOV 17, 2016	

DRAFT