EROSION CONTROL NOTES

1. ALL BUILDING PADS TO BE DIKED AND THE DIKES MAINTAINED TO PREVENT WATER FROM FLOWING FROM THE PAD UNTIL THE STREETS AND DRIVEWAYS ARE PAVED AND WATER CAN FLOW FROM THE PADS WITHOUT CAUSING EROSION, OR CONSTRUCT DRAINAGE FACILITIES TO THE SATISFACTION OF THE COUNTY DEPARTMENT OF PUBLIC WORKS THAT WILL ALLOW WATER TO DRAIN FROM THE PAD WITHOUT CAUSING EROSION.

2. TOPS OF ALL SLOPES TO BE DIKED OR TRENCHED TO PREVENT WATER FROM FLOWING OVER THE CREST OF SLOPES.

3. MANUFACTURED SLOPES AND PADS SHALL BE ROUNDED VERTICALLY AND HORIZONTALLY AS APPROPRIATE TO BLEND WITH THE SURROUNDING TOPOGRAPHY.

4. AS SOON AS CUTS OR EMBANKMENTS ARE COMPLETED, BUT NOT LATER THAN OCTOBER 1 ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITH A HYDROMULCH MIXTURE OR AN EQUAL TREATMENT APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS BETWEEN OCTOBER 1 AND APRIL 15. APPROVED SLOPE PROTECTION MEASURES SHALL PROCEED IMMEDIATELY BEHIND THE EXPOSURE OF CUT SLOPES AND/OR THE CREATION OF EMBANKMENT SLOPES.

5. CATCH BASINS, DESILTING BASINS AND STORM DRAIN SYSTEM SHALL BE INSTALLED TO THE SATISFACTION OF THE COUNTY DEPARTMENT OF PUBLIC WORKS.

6. GRAVEL BAG CHECK DAMS TO BE PLACED IN A MANNER APPROVED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS IN UNPAVED STREETS WITH GRADIENTS IN EXCESS OF 2% AND ON OR IN OTHER GRADED OR EXCAVATED AREAS AS REQUIRED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS.

7. THE DEVELOPER TO MAINTAIN THE PLANTING AND EROSION CONTROL MEASURES DES-CRIBED ABOVE UNTIL RELIEVED OF THE SAME BY THE COUNTY DEPARTMENT OF PUBLIC WORKS. THE DEVELOPER TO REMOVE ALL SOIL INTERCEPTED BY THE GRAVEL BAGS, CATCH BASINS AND DESILTING BASINS AND KEEP THESE FACILITIES CLEAN AND FREE OF SILT AND SAND AS DIRECTED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS. THE DEVE-LOPER SHALL REPAIR ANY ERODED SLOPES AS DIRECTED BY THE COUNTY DEPARTMENT OF PUBLIC WORKS.

SILTATION AND SEDIMENT CONTROL MEASURES NOTES:

1. THE SEDIMENT BASINS SHALL BE PROVIDED AT THE LOWER END OF EVERY DRAINAGE AREA PRODUCING SEDIMENT RUNOFF. THE BASINS SHALL BE MAINTAINED AND CLEANED TO DESIGN CONTOURS AFTER EVERY RUNOFF PRODUCING STORM. THE BASINS SHOULD BE SEMI-PERMANENT STRUCTURES THAT WOULD REMAIN UNTIL SOIL STABILIZING VEGETATION HAS BECOME WELL ESTABLISHED ON ALL ERODIBLE SLOPES.

2. SEDIMENTATION BASINS MAY NOT BE REMOVED OR MADE INOPERATIVE WITHOUT PRIOR APPROVAL OF THE COUNTY ENGINEER.

3. SEWER OR STORM DRAIN TRENCHES THAT ARE CUT THROUGH BASIN DIKES OR BASIN INLET DIKES SHALL BE PLUGGED WITH GRAVEL BAGS FROM TOP OF PIPE TO TOP OF DIKE.

4. ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS WITH A TOP ELEVATION TWO SANDBAGS BELOW THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH LAPPED COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKING SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE BUT NOT TO EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

5. AFTER SEWER UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET.

6. ALL BUILDING PADS SHOULD BE SLOPED TOWARDS THE DRIVEWAYS AND VELOCITY CHECK DAMS PROVIDED AT THE BASE OF ALL DRIVEWAYS DRAINING INTO THE STREET.

7. PROVIDE VELOCITY CHECK DAMS IN ALL UNPAVED GRADED CHANNELS AT THE INTERVALS INDICATED BELOW:

GRADE OF CHANNEL	INTERVALS BETWEEN CHECK DAMS
LESS THAN 3%	100 FEET
3% TO 6%	50 FEET
OVER 6%	25 FEET

8. PROVIDE VELOCITY CHECK DAMS IN ALL PAVED STREET AREAS ACCORDING TO RECOM-MENDED CRITERIA INDICATED ON THE ENCLOSED GRAPH ENTITLED "GRAVEL BAG BARRIER SPACING FOR EROSION CONTROL IN GRADED STREETS". VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF SANDBAGS, TIMBAR, OR OTHER EROSION RESISTANT MATERIALS APPROVED BY THE COUNTY ENGINEER, AND SHALL EXTEND COMPLETELY ACROSS THE STREET OR CHANNEL AT RIGHT ANGLES TO THE CENTERLINE. VELOCITY CHECK DAMS MAY ALSO SERVE AS SEDIMENT TRAPS.

9. PROVIDE A GRAVEL BAG SILT BASIN OR TRAP BY EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING DRAIN SYSTEM.

10. GRAVEL BAGS AND FILL MATERIAL SHALL BE STOCKPILED AT INTERVALS, READY FOR USE WHEN REQUIRED.

11. ALL EROSION CONTROL DEVICES WITHIN THE DEVELOPMENT SHOULD BE MAINTAINED DURING AND AFTER EVERY RUNOFF PRODUCING STORM, IF POSSIBLE, MAINTENANCE CREWS WOULD BE REQUIRED TO HAVE ACCESS TO ALL AREAS.

12. PROVIDE ROCK RIPRAP ON CURVES AND STEEP DROPS IN ALL EROSION PRONE DRAINAGE CHANNELS DOWNSTREAM FROM THE DEVELOPMENT. THIS PROTECTION WOULD REDUCE EROSION CAUSED BY THE INCREASED FLOWS THAT MAY BE ANTICIPATED FROM DENUDED SLOPES, OR FROM IMPERVIOUS SURFACES.

13. ANY PROPOSED ALTERNATE CONTROL MEASURES MUST BE APPROVED IN ADVANCE BY ALL RESPONSIBLE AGENCIES: I.E., COUNTY ENGINEER, DEPARTMENT OF SANITATION AND FLOOD CONTROL, OFFICE OF ENVIRONMENTAL MANAGEMENT, ETC.

STORMWATER PROTECTION NOTES

1. DURING THE RAINY SEASON THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED BY THE PROPERTY OWNER IN THE EVENT OF A RAINSTORM. 125% OF ALL SUPPLIES NEEDED FOR BMP MEASURES SHALL BE RETAINED ON THE JOB SITE IN A MANNER THAT ALLOWS FULL DEPLOYMENT AND COMPLETE INSTALLATION IN 48 HOURS OR LESS OF A FORECAST RAIN.

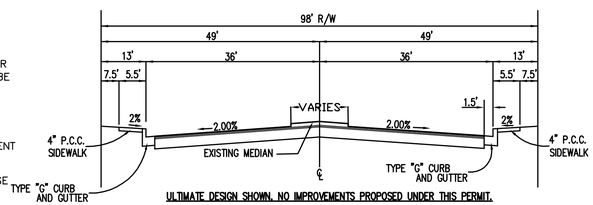
2. NO AREA BEING DISTURBED SHALL EXCEED 50 ACRES AT ANY GIVEN TIME WITHOUT DEMOSTRATING TO THE SAN DIEGO COUNTY DPW DIRECTOR'S SATISFACTION THAT ADEQUATE EROSION AND SEDIMENT CONTROL CAN BE MAINTAINED. ANY DISTURBED AREA THAT IS NOT ACTIVELY GRADED FOR 15 DAYS MUST BE FULLY PROTECTED FROM EROSION. UNTIL ADEQUATE LON-TERM PROTECTIONS ARE INSTALLED, THE DISTURBED AREA SHALL BE INCLUDED WHEN CALCULATING THE ACTIVE DISTURBANCE AREA. ALL EROSION CONTROL MEASURES SHALL REMAIN INSTALLED AND MAINTAINED DURING ANY INACTIVE PERIOD.

3. THE PROPERTY OWNER IS OBLIGATED TO INSURE COMPLIANCE WITH ALL APPLICABLE STORMWATER REGULATIONS AT ALL TIMES. THE BMP'S (BEST MANAGEMENT PRACTICES) THAT HAVE BEEN INCORPORATED INTO THIS PLAN SHALL BE IMPLEMENTED AND MAINTAINED TO EFFECTIVELY PREVENT THE POTENTIALLY NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORMWATER QUALITY. THE MAINTENANCE OF THE BMP'S IS THE PERMITTEE'S RESPONSIBILITY, AND FAILURE TO PROPERLY INSTALL OR MAINTAIN THE BMP'S MAY RESULT IN ENFORCEMENT ACTION BY THE COUNTY OF SAN DIEGO OR OTHERS. IF INSTALLED BMP'S FAIL, THEY MUST BE REPAIRED OR REPLACED WITH AN ACCEPTABLE ALTERNATE WITHIN 24 HOURS, OR AS SOON AS SAFE TO DO SO.

4. ON PROJECTS OF GREATER THAN 1 ACRE ADD THE FOLLOWING NOTE: A NOTICE OF INTENT (NOI) HAS BEEN, OR WILL BE FILED WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) AND THAT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN OR WILL BE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF CALIFORNIA GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (PERMIT NO. CAS000002) FOR ALL OPERATIONS ASSOCIATED WITH THESE PLANS. THE NOI NUMBER ASSIGNED BY SWRCB FOR THIS PROJECT IS [WDID#] (ALTERNATIVE: NOT YET ASSIGNED, BUT WILL BE PROVIDED BEFORE A PERMIT IS ISSUED). THE PERMITTEE SHALL KEEP A COPY OF THE SWPPP ON SITE AND AVAILABLE FOR REVIEW BY COUNTY.

EXPORT HAUL ROUTE NOTES

PRIOR TO BEGINNING OF GRADING, PERMITTEE SHALL SUBMIT A TRAFFIC CONTROL PLAN TO ENVIRONMENTAL SERVICES UNIT (ESU) FOR APPROVAL INCLUDING:
1. SPECIFIC TRUCK TRAVEL ROUTE.
2. ANTICIPATED LENGTH OF GRADING PERIOD INVOLVING THE NEED FOR TRUCK EXPORT OF SOIL.
3. TIME OF OPERATIONS.
4. EXISTING CONDITIONS OF IMPACTED ROAD AREAS-INCLUDING TRAFFIC AND ROAD CONDITIONS.
5. TRAFFIC SAFETY INCLUDING SAFETY TO RESIDENTS ON FOOT, ON BICYCLE AND IN VEHICLES AND POSSIBLE MITIGATION FOR AVOIDANCE OF SIGNIFICANT PEAK HOUR TRAFFIC AT CERTAIN INTERCHANGES AND
6. INTERCHANGE GEOMETRY TO DETERMINE IF IT WILL ALLOW SAFE USE BY THE TRUCKS.



ULTIMATE DESIGN SHOWN. NO IMPROVEMENTS PROPOSED UNDER THIS PERMIT.

EXISTING TYPICAL SECTION-VALLEY CENTER ROAD
NOT TO SCALE

GENERAL NOTES

1. APPROVAL OF THIS GRADING PLAN DOES NOT CONSTITUTE APPROVAL OF VERTICAL OR HORIZONTAL ALIGNMENT OF ANY PRIVATE ROAD SHOWN HEREON FOR COUNTY ROAD PURPOSES.

2. FINAL APPROVAL OF THESE GRADING PLANS SUBJECT TO FINAL APPROVAL OF THE ASSOCIATED IMPROVEMENT PLANS WHERE APPLICABLE. FINAL CURB ELEVATIONS MAY REQUIRE CHANGES IN THESE PLANS.

3. IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.

4. A CONSTRUCTION, EXCAVATION OR ENCROACHMENT PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS WILL BE REQUIRED FOR ANY WORK IN THE COUNTY RIGHT-OF-WAY.

5. ALL SLOPES OVER THREE FEET IN HEIGHT WILL BE PLANTED IN ACCORDANCE WITH SAN DIEGO COUNTY SPECIFICATIONS.

6. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES:

SAN DIEGO GAS & ELECTRIC:	TELEPHONE NO. 619-232-4252, EXT 1658
TELEPHONE SBC:	TELEPHONE NO: 619-296-0595
CATV:	TELEPHONE NO:_____

SEWER: PRIVATE WASTE WATER DISCHARGE.
WATER: VALLEY CENTER MUNICIPAL WATER DISTRICT, TELEPHONE NO: 760-749-1600

7. A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.

8. 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 AND VALID GRADING PERMIT HAS BEEN ISSUED.

9. THE DIRECTOR OF PUBLIC WORKS' APPROVAL OF THESE PLANS DOES NOT CONSTITUTE COUNTY BUILDING OFFICIAL APPROVAL OF ANY FOUNDATION FOR STRUC-TURES TO BE PLACED ON THE ITEMS COVERED BY THESE PLANS. NO WAIVER OF THE GRADING ORDINANCE REQUIREMENTS CONCERNING MINIMUM COVER EXPANSIVE SOIL IS MADE OR IMPLIED (SECTIONS 87.403 & 87.410). ANY SUCH WAIVER MUST BE OBTAINED FROM THE DIRECTOR OF PLANNING AND LAND USE.

10. ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT AND ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00 AM AND 6:00 PM EACH DAY. MONDAY THRU SATURDAY, AND NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SUNDAYS OR HOLIDAYS.

11. ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CON-TOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.

12. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDIANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPON-IBLE FOR THE PREVENTION OF DAMAGE TO 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-DEDICTED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.

13. SLOPE RATIOS:

CUT-2:1 (MAX)

FILL-2:1 (MAX)

EXCAVATION: 9 C.Y.
FILL: 62018 C.Y.
IMPORT: 62009 C.Y.

(NOTE: A SEPARATE VALID PERMIT MUST EXIST FOR EITHER WASTE OR IMPORT AREAS)

14. SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING DURING GRADING OPERATIONS, SUCH OPERATIONS WILL CEASE IMMEDIATELY, AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECIEVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS

15. ALL GRADING DETAILS WILL BE IN ACCORDANCE WITH SAN DIEGO COUNTY STANDARD DRAWINGS DS-8, DS-10, DS-11, AND D-75.

16. THE CONSTRUCTION OF ONE PCC STANDARD RESIDENTIAL DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY ENGINEER OF WORK. PCC SURFACING OF DRIVE-WAY TO EXTEND FROM CURB TO PROPORTY LINE. USE STANDARD DRAWINGS G-14A G-14B, G-14C, G-15 AND G-16

17. FINISHED GRADING SHALL BE CERTIFIED BY A REGISTERED CIVIL ENGINEER AND INSPECTED BY THE COUNTY ENGINEER FOR DRAINAGE CLEARANCE. (APPROVAL OF ROUGH GRADING DOES NOT CERTIFY FINISH BECAUSE OF POTENTIAL SURFACE DRAIN-AGE PROBLEMS THAT MAY BE CREATED BY LANDSCAPING ACCOMPLISHED AFTER ROUGH GRADING CERTIFICATION.

18. PERMANENT POST-CONSTRUCTION BMP DEVICES SHOWN ON THIS PLAN SHALL NOT BE REMOVED OR MODIFIED WITHOUT THE APPROVAL FROM THE DEPARTMENT OF PUBLIC WORKS.

WORK TO BE DONE

GRADING AND DRAINAGE WORK CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, THE SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION AND THE SAN DIEGO COUNTY GRADING ORDINANCE.

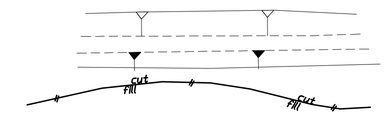
LEGEND

ITEM	REGIONAL STANDARD DRAWING NO.	SYMBOL
RIP RAP ENERGY DISSIPATER	S.D.R.S.D. D-40 (TYPE 2)	
GRASS LINED CHANNEL	SECTION 'Q'-'Q' ON SHEET 2	
BROW DITCH	S.D.R.S.D. D-75 (TYPE B	

CUT SLOPE (2:1 MAX)

FILL SLOPE (2:1 MAX)

CUT/FILL DAYLIGHT LINE



EARTHWORK QUANTITIES:

EXCAVATION: 9 CUBIC YARDS *

FILL: 62018 CUBIC YARDS *

IMPORT: 62009 CUBIC YARDS *

ALL IMPORT MATERIAL SHALL BE TAKEN TO A LEGAL AND APPROVED SITE.

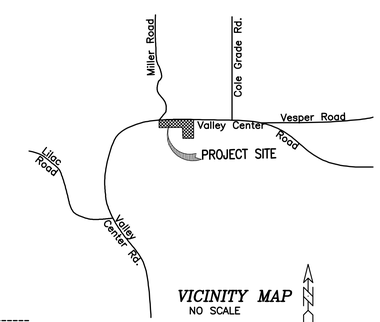
*NOTE: QUANTITIES ARE FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES FOR BIDDING PURPOSES.

DISTURBED AREA TABLE

PAD AND SLOPES 9.2 ACRES
DRIVEWAY AND STREETS ZERO
PRIMARY SEPTIC ZERO
FIRE CLEARING ZERO

TOTAL 9.2 ACRES

IF 1 ACRE OR OVER: WDID NUMBER_____



VICINITY MAP
NO SCALE
THOMAS BROS.
PAGE: 1090 (E-1)

REGISTERED PROFESSIONAL ENGINEER GARY LIPSKA No. 23080 CIVIL STATE OF CALIFORNIA

AQUATERRA Engineering Inc.
CIVIL ENGINEERING • LAND PLANNING
1843 Campesino Place
Oceanside, CA 92054
Tele: (760) 439-2802
Fax: (760) 439-2866

OWNER'S / PERMITTEE'S

NAME: VALLEY CENTER VIEW PROPERTIES
ADDRESS: 3936 HORTENSIA STREET
SAN DIEGO, CA 92110

TELEPHONE NO: 619-523-0133
SHORT LEGAL DESCIPTION: PORTION OF LOTS 3 AND 4 OF SECTION 7, T11S, R1W, SBB&M
SAN DIEGO COUNTY, STATE OF CALIFORNIA

A.P.N. NO: 188-260-49, -50
SITE ADDRESS: 28800 BLOCK VALLEY CENTER ROAD

RECORD PLAN

BY: _____ DATE: _____
NAME
R.C.E. _____
EXPIRES: _____

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXCERCISED 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 STANDAROS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPEC-IFICATIONS BY THE COUNTY OF SAN DIEGO IS CONFINED TO REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITES FOR PROJECT DESIGN

BY: GARY LIPSKA DATE: _____
RCE NO: 23080 EXPIRES: 12/31/13

PLANNING AND DEVELOPMENT SERVICES

REVIEWED FOR ENVIORMENTAL CONFORMANCE

BY: _____

DATE: _____

COUNTY APPROVED CHANGES

NO:	DESCRIPTION:	APPROVED BY:	DATE:

PERMITS

REZONE PERMIT NO. N.A.
SPECIAL USE PERMIT NO. N.A.
TENTATIVE MAP NO. N.A.
NOTICE OF INTENT NO. XX

BENCH MARK

DESCRIPTION: 2-1/2" BRASS CAP STAMPED "S.D. SURV. MON. 19 PT."
LOCATION: IN WELL MONUMENT AT POINT EGCS-3048
RECORD FROM: RECORD OF SURVEY MAP 14236
ELEVATION: 1336.773 DATUM: NGVD 29 MSL

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	3 SHEETS
1		

GRADING PLAN FOR:
NELSON PAD GRADING

CALIFORNIA COORDINATE INDEX 387-1762

APPROVED FOR:
MOHAMAD FAKHRIDDINE
COUNTY ENGINEER

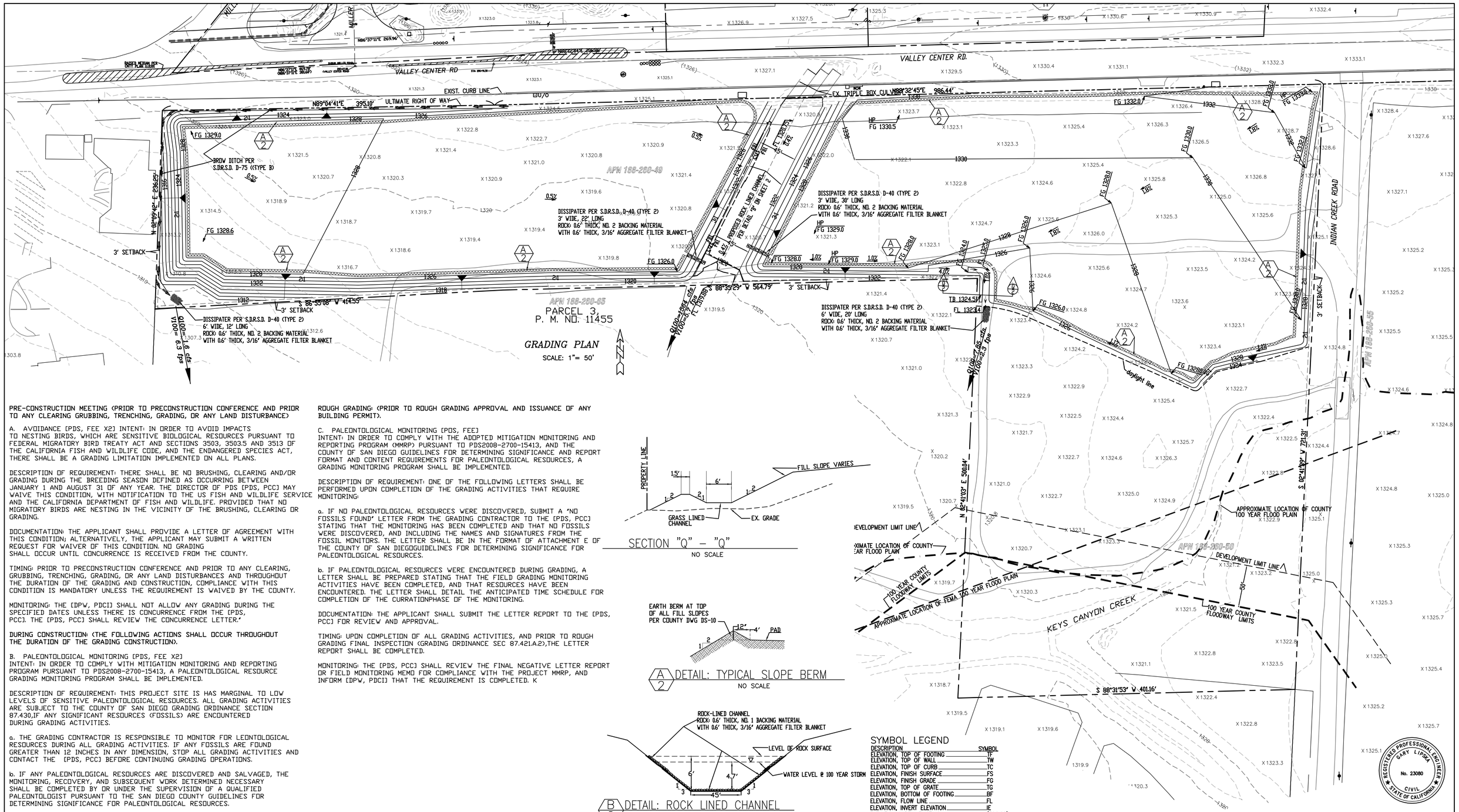
BY: DATE

ENGINEER OF WORK
GARY LIPSKA R.C.E. 23080 EXPIRES 12/31/15 DATE 03/28/14

PDS2008-2700-15413
GRADING PERMIT NO:

PLOT DATE: 3/28/14

ENGINEER: AQUATERRA ENGINEERING INC.
TELEPHONE: 760-439-2802



PRE-CONSTRUCTION MEETING (PRIOR TO PRECONSTRUCTION CONFERENCE AND PRIOR TO ANY CLEARING GRUBBING, TRENCHING, GRADING, OR ANY LAND DISTURBANCE)

A. AVOIDANCE (PDS, FEE X2) INTENT: IN ORDER TO AVOID IMPACTS TO NESTING BIRDS, WHICH ARE SENSITIVE BIOLOGICAL RESOURCES PURSUANT TO FEDERAL MIGRATORY BIRD TREATY ACT AND SECTIONS 3503, 3503.5 AND 3513 OF THE CALIFORNIA FISH AND WILDLIFE CODE, AND THE ENDANGERED SPECIES ACT, THERE SHALL BE A GRADING LIMITATION IMPLEMENTED ON ALL PLANS.

DESCRIPTION OF REQUIREMENT: THERE SHALL BE NO BRUSHING, CLEARING AND/OR GRADING DURING THE BREEDING SEASON DEFINED AS OCCURRING BETWEEN JANUARY 1 AND AUGUST 31 OF ANY YEAR. THE DIRECTOR OF PDS (PDS, PCC) MAY WAIVE THIS CONDITION, WITH NOTIFICATION TO THE US FISH AND WILDLIFE SERVICE AND THE CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE. PROVIDED THAT NO MIGRATORY BIRDS ARE NESTING IN THE VICINITY OF THE BRUSHING, CLEARING OR GRADING.

DOCUMENTATION: THE APPLICANT SHALL PROVIDE A LETTER OF AGREEMENT WITH THIS CONDITION; ALTERNATIVELY, THE APPLICANT MAY SUBMIT A WRITTEN REQUEST FOR WAIVER OF THIS CONDITION. NO GRADING SHALL OCCUR UNTIL CONCURRENCE IS RECEIVED FROM THE COUNTY.

TIMING: PRIOR TO PRECONSTRUCTION CONFERENCE AND PRIOR TO ANY CLEARING, GRUBBING, TRENCHING, GRADING, OR ANY LAND DISTURBANCES AND THROUGHOUT THE DURATION OF THE GRADING AND CONSTRUCTION, COMPLIANCE WITH THIS CONDITION IS MANDATORY UNLESS THE REQUIREMENT IS WAIVED BY THE COUNTY.

MONITORING: THE (DPW, PDCI) SHALL NOT ALLOW ANY GRADING DURING THE SPECIFIED DATES UNLESS THERE IS CONCURRENCE FROM THE (PDS, PCC). THE (PDS, PCC) SHALL REVIEW THE CONCURRENCE LETTER."

DURING CONSTRUCTION: (THE FOLLOWING ACTIONS SHALL OCCUR THROUGHOUT THE DURATION OF THE GRADING CONSTRUCTION).

B. PALEONTOLOGICAL MONITORING (PDS, FEE X2)
INTENT: IN ORDER TO COMPLY WITH MITIGATION MONITORING AND REPORTING PROGRAM PURSUANT TO PDS2008-2700-15413, A PALEONTOLOGICAL RESOURCE GRADING MONITORING PROGRAM SHALL BE IMPLEMENTED.

DESCRIPTION OF REQUIREMENT: THIS PROJECT SITE IS HAS MARGINAL TO LOW LEVELS OF SENSITIVE PALEONTOLOGICAL RESOURCES. ALL GRADING ACTIVITIES ARE SUBJECT TO THE COUNTY OF SAN DIEGO GRADING ORDINANCE SECTION 87.430,IF ANY SIGNIFICANT RESOURCES (FOSSILS) ARE ENCOUNTERED DURING GRADING ACTIVITIES.

a. THE GRADING CONTRACTOR IS RESPONSIBLE TO MONITOR FOR LEONTOLOGICAL RESOURCES DURING ALL GRADING ACTIVITIES. IF ANY FOSSILS ARE FOUND GREATER THAN 12 INCHES IN ANY DIMENSION, STOP ALL GRADING ACTIVITIES AND CONTACT THE (PDS, PCC) BEFORE CONTINUING GRADING OPERATIONS.

b. IF ANY PALEONTOLOGICAL RESOURCES ARE DISCOVERED AND SALVAGED, THE MONITORING, RECOVERY, AND SUBSEQUENT WORK DETERMINED NECESSARY SHALL BE COMPLETED BY OR UNDER THE SUPERVISION OF A QUALIFIED PALEONTOLOGIST PURSUANT TO THE SAN DIEGO COUNTY GUIDELINES FOR DETERMINING SIGNIFICANCE FOR PALEONTOLOGICAL RESOURCES.

TIMING: THE FOLLOWING ACTIONS SHALL OCCUR THROUGHOUT THE DURATION OF THE GRADING CONSTRUCTION.

MONITORING: THE (DPW, PDCI) SHALL MAKE SURE THAT THE GRADING CONTRACTOR IS ON-SITE PERFORMING THE MONITORING DUTIES OF THIS CONDITION. THE (DPW, PDCI) SHALL CONTACT THE (PDS, PCC) IF THE GRADING CONTRACTOR OR APPLICANT FAILS TO COMPLY WITH THIS CONDITION.

ROUGH GRADING: (PRIOR TO ROUGH GRADING APPROVAL AND ISSUANCE OF ANY BUILDING PERMIT).

C. PALEONTOLOGICAL MONITORING (PDS, FEE)
INTENT: IN ORDER TO COMPLY WITH THE ADOPTED MITIGATION MONITORING AND REPORTING PROGRAM (MMRP) PURSUANT TO PDS2008-2700-15413, AND THE COUNTY OF SAN DIEGO GUIDELINES FOR DETERMINING SIGNIFICANCE AND REPORT FORMAT AND CONTENT REQUIREMENTS FOR PALEONTOLOGICAL RESOURCES, A GRADING MONITORING PROGRAM SHALL BE IMPLEMENTED.

DESCRIPTION OF REQUIREMENT: ONE OF THE FOLLOWING LETTERS SHALL BE PERFORMED UPON COMPLETION OF THE GRADING ACTIVITIES THAT REQUIRE MONITORING:

a. IF NO PALEONTOLOGICAL RESOURCES WERE DISCOVERED, SUBMIT A "NO FOSSILS FOUND" LETTER FROM THE GRADING CONTRACTOR TO THE (PDS, PCC) STATING THAT THE MONITORING HAS BEEN COMPLETED AND THAT NO FOSSILS WERE DISCOVERED, AND INCLUDING THE NAMES AND SIGNATURES FROM THE FOSSIL MONITORS. THE LETTER SHALL BE IN THE FORMAT OF ATTACHMENT E OF THE COUNTY OF SAN DIEGOGUIDELINES FOR DETERMINING SIGNIFICANCE FOR PALEONTOLOGICAL RESOURCES.

b. IF PALEONTOLOGICAL RESOURCES WERE ENCOUNTERED DURING GRADING, A LETTER SHALL BE PREPARED STATING THAT THE FIELD GRADING MONITORING ACTIVITIES HAVE BEEN COMPLETED, AND THAT RESOURCES HAVE BEEN ENCOUNTERED. THE LETTER SHALL DETAIL THE ANTICIPATED TIME SCHEDULE FOR COMPLETION OF THE CURRATIONPHASE OF THE MONITORING.

DOCUMENTATION: THE APPLICANT SHALL SUBMIT THE LETTER REPORT TO THE (PDS, PCC) FOR REVIEW AND APPROVAL.

TIMING: UPON COMPLETION OF ALL GRADING ACTIVITIES, AND PRIOR TO ROUGH GRADING FINAL INSPECTION (GRADING ORDINANCE SEC 87.421.A.2),THE LETTER REPORT SHALL BE COMPLETED.

MONITORING: THE (PDS, PCC) SHALL REVIEW THE FINAL NEGATIVE LETTER REPORT OR FIELD MONITORING MEMO FOR COMPLIANCE WITH THE PROJECT MMRP, AND INFORM (DPW, PDCI) THAT THE REQUIREMENT IS COMPLETED. K

SECTION "Q" – "Q"
NO SCALE

A/2 DETAIL: TYPICAL SLOPE BERM
NO SCALE

B/2 DETAIL: ROCK LINED CHANNEL
NO SCALE

SYMBOL LEGEND

DESCRIPTION	SYMBOL
ELEVATION, TOP OF FOOTING	TF
ELEVATION, TOP OF WALL	TW
ELEVATION, TOP OF CURB	TC
ELEVATION, FINISH SURFACE	FS
ELEVATION, FINISH GRADE	FG
ELEVATION, TOP OF GRATE	TG
ELEVATION, BOTTOM OF FOOTING	BF
ELEVATION, FLOW LINE	FL
ELEVATION, INVERT ELEVATION	IE
ELEVATION LABEL, EXISTING	(596.00)
ELEVATION LABEL, PROPOSED	596.00

COUNTY APPROVED CHANGES

NO	DESCRIPTION	APPROVED BY	DATE

RECORD PLAN

BY: _____ DATE: _____
NAME
R.C.E. _____
EXPIRES: _____

PERMITS

REZONE PERMIT NO. N.A.
SPECIAL USE PERMIT NO. N.A.
TENTATIVE MAP NO. N.A.
NOTICE OF INTENT NO. XX

BENCH MARK

DESCRIPTION: 2-1/2" BRASS CAP STAMPED "S.D. SURV.
LOCATION: MON. 19 PT."
IN WELL MONUMENT AT POINT EGCS-3048
RECORD FROM: RECORD OF SURVEY MAP 14236
ELEVATION: 1336.773 DATUM: NGVD 29 MSL

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	3 SHEETS
2		

GRADING PLAN FOR:
NELSON PAD GRADING

CALIFORNIA COORDINATE INDEX 387-1762

APPROVED FOR:
MOHAMAD FAKHRIDDINE
COUNTY ENGINEER
BY: DATE

ENGINEER OF WORK: GARY LIPSKA R.C.E. 23080 EXPIRES 12/31/15 DATE 03/28/14

PDS2008-2700-15413
GRADING PERMIT NO:

PLOT DATE: 3/28/14

CIVIL ENGINEERING • LAND PLANNING
Aquaterra Engineering Inc.
1843 Campesino Place
Oceanside, CA 92054
Tele: (760) 439-2802
Fax: (760) 439-2866

50 0 50 100
Scale: 1' = 50'

ENGINEER: AQUATERRA ENGINEERING INC.
TELEPHONE: 760-439-2802