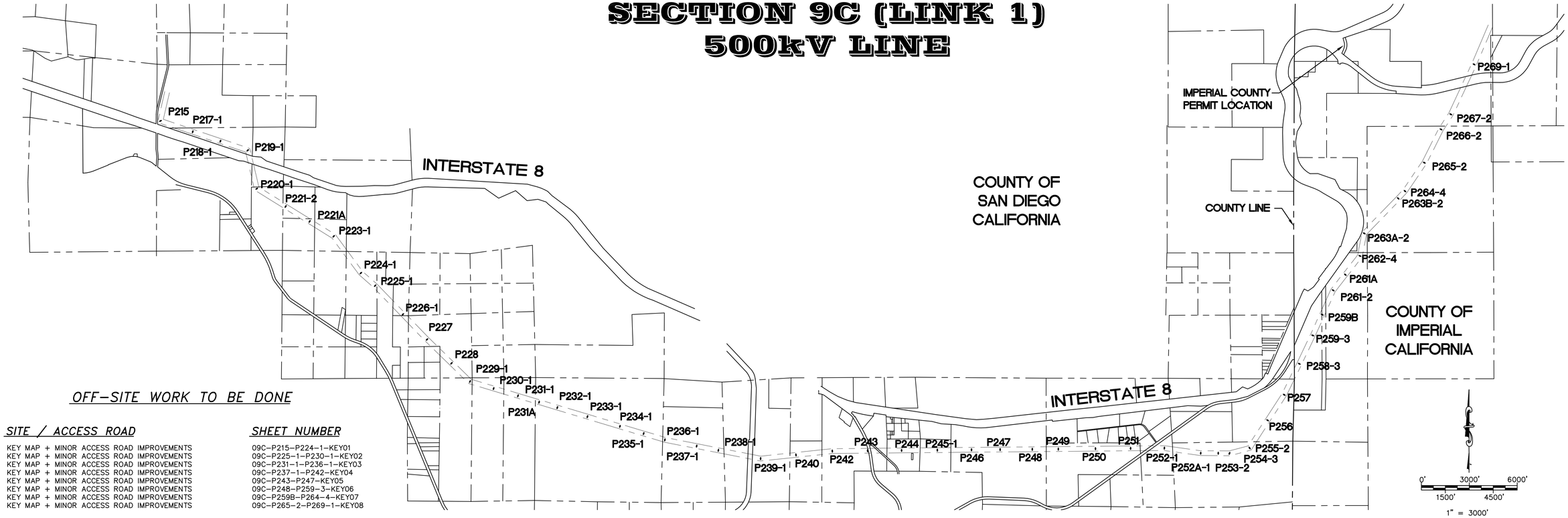
SUNRISE POWERLINK PROJECT

SECTION 9C (LINK 1)

500kV LINE



OFF-SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P215-P224-1-KEY01
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P225-1-P230-1-KEY02
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P231-1-P236-1-KEY03
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P237-1-P242-KEY04
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P243-P247-KEY05
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P248-P259-3-KEY06
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P259B-P264-4-KEY07
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	09C-P265-2-P269-1-KEY08

ON-SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
SITE P-215	09C-P215-S1
SITE P-217-1	09C-P217-1-S1
SITE P-218-1	09C-P218-1-S1
SITE P-220-1	09C-P220-1-S1
ACCESS ROAD TO SITE P-220-1	09C-P220-1-R1
ACCESS ROAD TO SITE P-220-1	09C-P220-1-R2
SITE P-239-1	09C-P239-1-S1
ACCESS ROAD TO SITE P-239-1	09C-P239-1-R1
SITE P-240	09C-P240-S1
SITE P-242	09C-P242-S1
ACCESS ROAD TO SITE P-242	09C-P242-R1
ACCESS ROAD TO SITE P-243	09C-P243-R1
SITE P-243	09C-P243-S1
SITE P-244	09C-P244-S1
SITE P-245-1	09C-P245-1-S1
SITE P-246	09C-P246-S1
ACCESS ROAD TO SITE P-246	09C-P246-R1
SITE P-247	09C-P247-S1
SITE P-248	09C-P248-S1
SITE P-249	09C-P249-S1
SITE P-250	09C-P250-S1
SITE P-251	09C-P251-S1
SITE P-252-1	09C-P252-1-S1
SITE P-254-3	09C-P254-3-T1
SITE P-255-2	09C-P255-2-S1
SITE P-256	09C-P256-S1
SITE P-257	09C-P257-S1
SITE P-258-3	09C-P258-3-S1
SITE P-265-2	09C-P265-2-T1

TOWER STAGING / ACCESS PAD ON-SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
SITE P-221-2	09C-P221-2-TSAP
SITE P-221A	09C-P221A-TSAP
SITE P-223-1	09C-P223-1 & P224-1-TSAP
SITE P-224-1	09C-P223-1 & P224-1-TSAP
SITE P-225-1	09C-P225-1 & P226-1-TSAP
SITE P-226-1	09C-P225-1 & P226-1-TSAP
SITE P-229-1	09C-P229-1 & P230-1-TSAP
SITE P-230-1	09C-P229-1 & P230-1-TSAP
SITE P-231-1	09C-P231-1-TSAP
SITE P-231A	09C-P231A-TSAP
SITE P-234-1	09C-P234-1 & P235-1-TSAP
SITE P-235-1	09C-P234-1 & P235-1-TSAP
SITE P-236-1	09C-P236-1-TSAP
SITE P-237-1	09C-P237-1-TSAP
SITE P-238-1	09C-P238-1-TSAP
SITE P-259-3	09C-P259-3 & P259B-TSAP
SITE P-259B	09C-P259-3 & P259B-TSAP
SITE P-261A	09C-P261A & P262-4-TSAP
SITE P-262-4	09C-P261A & P262-4-TSAP
SITE P-263A-2	09C-P263A-2-TSAP
SITE P-263B-2	09C-P263B-2 & P264-4-TSAP
SITE P-264-4	09C-P263B-2 & P264-4-TSAP
SITE P-265-2	09C-P265-2-TSAP
SITE P-266-2	09C-P266-2 & P267-2-TSAP
SITE P-267-2	09C-P266-2 & P267-2-TSAP
SITE P-269-1	09C-P269-1-TSAP

PULL-SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
PULL SITE (NORTH) P-215	09C-P215-PS-A
PULL SITE (WEST) P-215	09C-P215-PS-B
PULL SITE (NORTH) P-219-1	09C-P219-1-PS-A
PULL SITE (WEST) P-219-1	09C-P219-1-PS-B
PULL SITE P-219-1 & P-220-1	09C-P219-1 & P220-1-PS
PULL SITE P-220-1	09C-P220-1-PS-A
ACCESS ROAD TO PULL SITE P-220-1	09C-P220-1-PS-R1
PULL SITE P-225-1 & P-226-1	09C-P225-1 & P226-1-PS
PULL SITE P-236-1 & P-237-1	09C-P236-1 & P237-1-PS
PULL SITE P-243 & P-244	09C-P243 & P244-PS
PULL SITE (SOUTH) P-255-2	09C-P255-2-PS-A
PULL SITE (NORTH) P-255-2	09C-P255-2-PS-C
PULL SITE P-269-1	09C-P269-1-PS

PRIVATE ROADWAY / DRIVEWAY PLANS

SITE / ACCESS ROAD	SHEET NUMBER
TITLE SHEET	09C-DWY-01
NOTES & DETAILS	09C-DWY-02
TRAFFIC CONTROL DETAILS	09C-DWY-03
PERMIT 9C-1 & 9C-2	09C-DWY-04
PERMIT 9C-3 & 9C-4	09C-DWY-05
PERMIT 9C-5 & 9C-6	09C-DWY-06
PERMIT 9C-7 & 9C-8	09C-DWY-07
PERMIT 9C-9 & 9C-10	09C-DWY-08
PERMIT 9C-11 & 9C-12	09C-DWY-09
PERMIT 9C-13 & 9C-14	09C-DWY-10
PERMIT 9C-15 & 9C-16	09C-DWY-11
PERMIT 9C-17 & 9C-18	09C-DWY-12

01 REGENERATION SITE

SITE / ACCESS ROAD	SHEET NUMBER
SITE P-215	09C-P215-REG1

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 THE CURRENT STANDARDS.

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

STEPHEN K. SMITH
R.C.E. NO. 29708 EXP. 03-31-11

DATE

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — No. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:
01	REMOVE TEMPORARY FROM REGENERATION SITE	8/23/10	SB	MB

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TITLE SHEET

DRAWN BY: JJP	DATE: 05/05/09	SCALE: AS NOTED	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

SPL-09C-001

GENERAL NOTES

THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK:

1. ALL WORK SHALL COMPLY WITH ALL APPLICABLE PORTIONS OF THE PROJECT SPECIFICATIONS.
2. NEITHER THE OWNER, NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT ALL FILL IN STRICT ACCORDANCE WITH PROJECT SPECIFICATIONS. A GEOTECHNICAL ENGINEER WILL BE THE OWNER'S REPRESENTATIVE TO INSPECT THE CONSTRUCTION OF FILLS. THE EXCAVATION AND THE PLACEMENT OF FILL WILL BE UNDER THE DIRECT INSPECTION OF THE GEOTECHNICAL ENGINEER, AND HE WILL GIVE WRITTEN NOTICE OF CONFORMANCE WITH THE SPECIFICATIONS UPON COMPLETION OF GRADING. DEVIATIONS FROM PROJECT SPECIFICATIONS WILL BE PERMITTED ONLY UPON WRITTEN AUTHORIZATION FROM THE GEOTECHNICAL ENGINEER OR THE SDG&E REPRESENTATIVE.
4. OBSERVATIONS AND COMPACTION TESTS WILL BE MADE BY THE GEOTECHNICAL ENGINEER DURING THE FILLING AND COMPACTING OPERATIONS SO THAT HE CAN STATE HIS OPINION THAT THE FILL WAS CONSTRUCTED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
5. DURING CONSTRUCTION: THE CONTRACTOR SHALL GRADE ALL EXCAVATED AND FILLED SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. HE SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISH WORK ON THE SITE. THE CONTRACTOR SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS, AND UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED. AFTER GRADING IS COMPLETED AND THE GEOTECHNICAL ENGINEER HAS FINISHED HIS OBSERVATIONS OF THE WORK, NO FURTHER EXCAVATION OR FILLING SHALL BE DONE, EXCEPT UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.
6. CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
7. BRUSH AND TREES SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADED. WHEN TREES ARE REMOVED, THE ROOT SYSTEMS SHALL ALSO BE REMOVED AND THE RESULTING EXCAVATION FILLED WITH PROPERLY COMPACTED FILL SOILS.
8. CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A SMOOTH AND UNIFORM SURFACE OR CROSS-SECTION. THE SLOPES OF EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS DIRECTED BY THE SDG&E REPRESENTATIVE AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS, OR OTHER WASTE MATTER EXPOSED ON EXCAVATION OR EMBANKMENT SLOPE SHALL BE REMOVED AND DISPOSED OF.
9. GRADING SHALL BE DONE WITHIN A TOLERANCE OF ±0.1' OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN ±0.5' OF THE LOCATION SHOWN ON THESE PLANS. IN NO WAY SHALL THE ABOVE TOLERANCES RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PROVIDING A FINISH THAT WILL NOT POND WATER.
10. ANY QUANTITIES INDICATED ON THESE PLANS ARE ENGINEERS' ESTIMATES ONLY AND ARE NOT TO BE USED BY CONTRACTOR FOR BIDDING PURPOSES.
11. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD AND BRING DISCREPANCIES TO THE ATTENTION OF THE SDG&E REPRESENTATIVE PRIOR TO STARTING CONSTRUCTION.
12. STANDARD DRAWINGS SHALL CONFORM TO SAN DIEGO REGIONAL STANDARD DRAWINGS (SDRSD), APRIL 2006.
13. THERE ARE ENVIRONMENTALLY SENSITIVE AREAS THROUGHOUT THE PROJECT THAT ARE NOT SHOWN ON THESE PLANS. YOU ARE RESPONSIBLE FOR KNOWING WHERE THESE AREAS ARE. REFER TO YOUR ENVIROMENTAL MAPBOOK AND ONE TOUCH FOR UP TO DATE INFORMATION.

EROSION CONTROL NOTES

1. ALL POLE & TOWER MAINTENANCE PADS TO BE DIKED AND THE DIKES MAINTAINED TO PREVENT WATER FROM FLOWING 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. ALL GRADED CUT OR FILL SLOPES SHALL BE HYDROSEEDED TO PROTECT THE SLOPE FROM EROSION AND INSTABILITY IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
4. FIBER ROLLS SHALL BE PLACED AT TOP, TOE AND FACE (15 FOOT INTERVALS) OF GRADED ALL CUT AND FILL SLOPES TO INTERCEPT RUNOFF AND REDUCE EROSION IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

COUNTY OF IMPERIAL ENCROACHMENT REQUIREMENTS

1. SDG&E WILL PROCESS AND PREPARE PERMIT FORMS.
2. CONTRACTOR SHALL EXECUTE ENCROACHMENT PERMIT FOR COUNTY ROAD ENTRY POINTS INCLUDED ON THIS PLAN SET.
3. CONTRACTOR IS RESPONSIBLE TO PHOTO DOCUMENT ROAD CONDITION PRIOR TO CONSTRUCTION AND SHALL PROVIDE FOR ANY REPAIRS TO ROADWAY OR RIGHT-OF-WAY FEATURES IF DAMAGED DURING CONSTRUCTION.
4. CONTRACTOR TO PROVIDE FOR ALL NECESSARY TRAFFIC CONTROL.
5. CONTRACTOR TO KEEP THE COUNTY ROADWAY CLEAN PER THE CONDITIONS OF THE PERMIT.

ABBREVIATIONS

(EG)	EXISTING GRADE
FG	FINISHED GRADE
TW	TOP OF WALL
BW	BOTTOM OF WALL AT FINISHED GROUND
FL	FLOW LINE
U/S	UP STREAM
D/S	DOWN STREAM
CMP	CORRUGATED METAL PIPE
RC	RELATIVE COMPACTION

LEGEND

A	A SECTION
	INDICATES NEW TOWER
	INDICATES EXISTING STEEL POLE
	WATER BAR PER DETAIL 5/4
	BROW DITCH PER DETAIL 3/3
	DIP SECTION PER DETAIL 4/4
422.1 / 415.9	VERTICAL PROFILE F.G. ELEV. ABOVE / VERTICAL PROFILE E.G. ELEV. BELOW
	NEW TRANSMISSION LINE
440	(F.G.) FINISH GRADE CONTOURS
440	(E.G.) EXISTING GRADE CONTOURS
(206.2)	EXISTING GROUND ELEVATION
TOP / TOE	FILL SLOPE 2:1 UNLESS SHOWN OTHERWISE
TOP / TOE	CUT SLOPE 2:1 UNLESS SHOWN OTHERWISE
R	RIDGE LINE
	DAYLIGHT LINE
	DIRECTION OF FLOW
CUT / FILL	CUT/FILL LINE
	CONCRETE DOWN DRAIN, SEE DETAIL 1/3
	RIPRAP ENERGY DISSIPATOR, SEE DETAIL 2/3
	CORRUGATED METAL PIPE WITH FLARED END SECTIONS, SEE PLANS FOR, PIPE SIZES, AND ENERGY DISSIPATOR. 6/4
X / XX	DETAIL LABEL (DETAIL # / SHEET #)

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. NO. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-09C (LINK 1)
LEGEND & GENERAL NOTES

DRAWN BY: JJP	DATE: -/-/-	SCALE: AS NOTED	W.O.	REV. 0	SPL-09C-002
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
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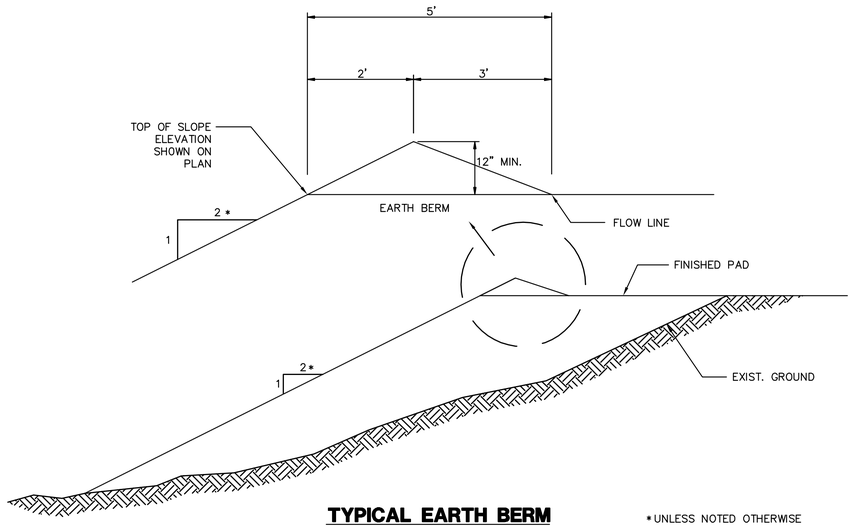
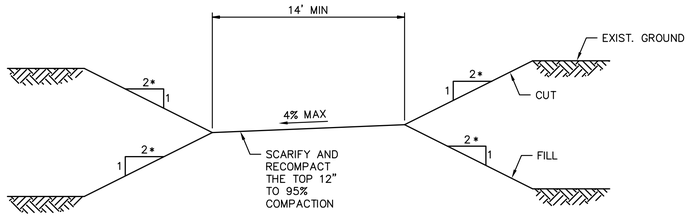


TYPICAL EARTH BERM

NTS

TO BE PLACED ON TOP OF ALL FILL SLOPES.

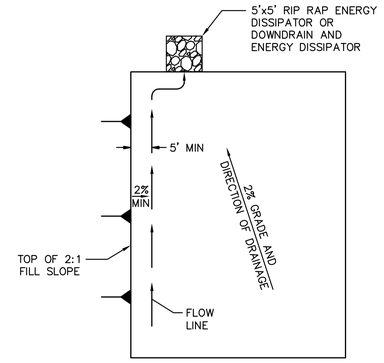
*UNLESS NOTED OTHERWISE



TYPICAL NEW ACCESS ROAD SECTION

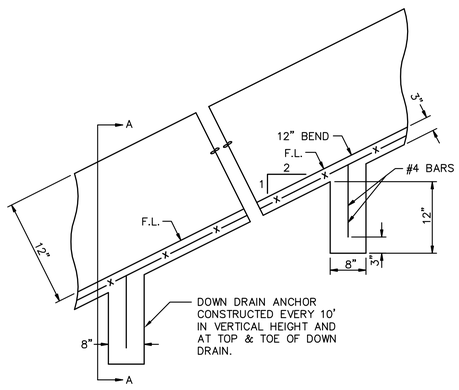
NTS

* UNLESS NOTED OTHERWISE



TYPICAL PAD DRAINAGE LAYOUT

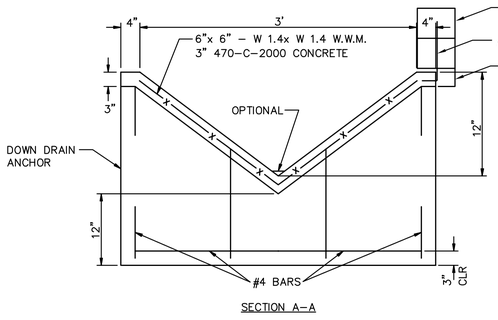
NTS



DOWN DRAIN (1/3)

NTS

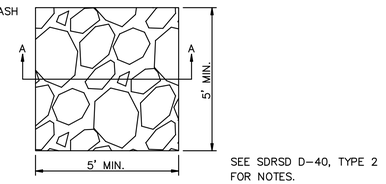
NOTE: THE LENGTH AND LOCATION OF SPLASH WALL IS SHOWN ON SITE GRADING PLAN.



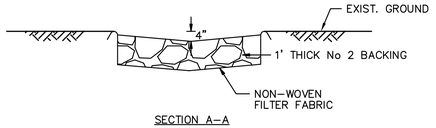
SECTION A–A

SPLASH WALL

NTS



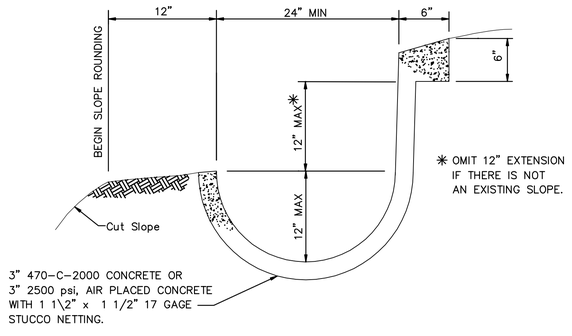
SEE SDRSD D–40, TYPE 2 FOR NOTES.



SECTION A–A

RIPRAP ENERGY DISSIPATOR (2/3)

NT



BROW AND/OR DRAINAGE DITCH (3/3)

NTS

LONGITUDINAL SLOPE OF LINED DITCH SHALL BE 2% MINIMUM.

GENERAL DETAILS

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–09C (LINK 1)
DETAIL SHEET 1 OF 2

DRAWN BY: 00	DATE:	SCALE: NTS	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		SPL–09C–003
CAD NO.:	PLOT SCALE: 1 = 1		

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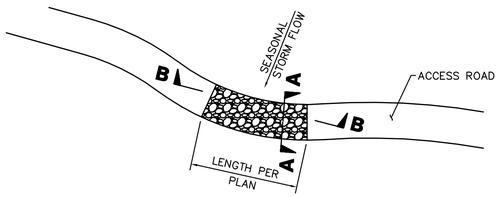
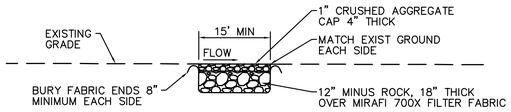
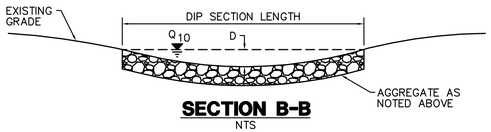


PLAN
NTS



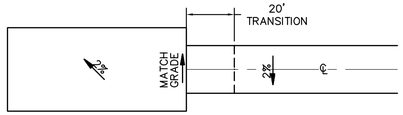
SECTION A-A
NTS

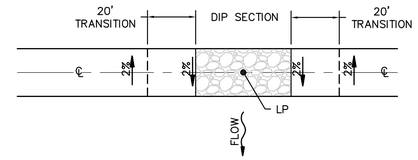


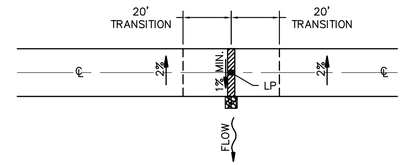
SECTION B-B
NTS

1. THE MAXIMUM WATER DEPTH, BASED ON A 10 YEAR FREQUENCY STORM. SHALL BE 10". THE DEPTH (D) IN FEET MULTIPLIED BY THE VELOCITY (V) IN FEET PER SECOND SHALL BE EQUAL TO SIX OR LESS. (DXV=6)
2. EXCAVATION AND DISPOSAL OF EXISTING MATERIALS IS TO BE INCLUDED IN CONSTRUCTION OF THE DIP SECTION.

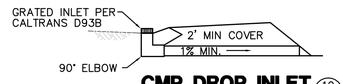
DIP SECTION (4/4)
NTS



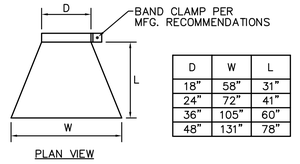




TYPICAL GRADE TRANSITIONS
NTS



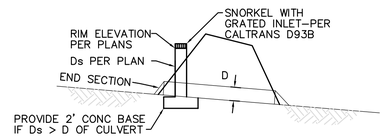
CMP DROP INLET (10/4)
NTS



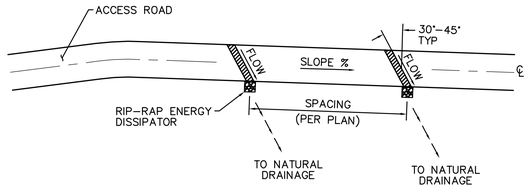
D	W	L
18"	58"	31"
24"	72"	41"
36"	105"	60"
48"	131"	78"

PLAN VIEW

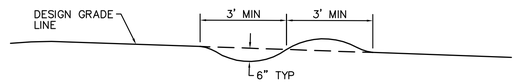
CULVERT END SECTION INLET AND/OR OUTLET
NTS



SNORKEL INLET (8/4)
NTS



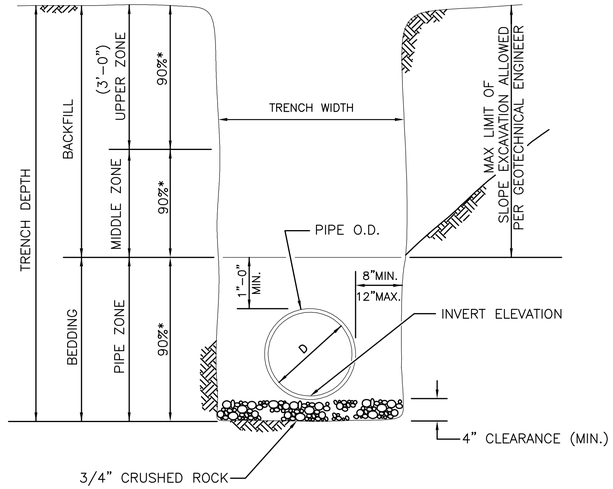
PLAN
NTS



NOTE:
THE RIDGE OF EACH WATERBAR IS TO BE MAINTAINED AT AN ELEVATION AT LEAST 6 INCHES ABOVE THE ADJACENT DEPRESSION

TYPICAL SECTION
NTS

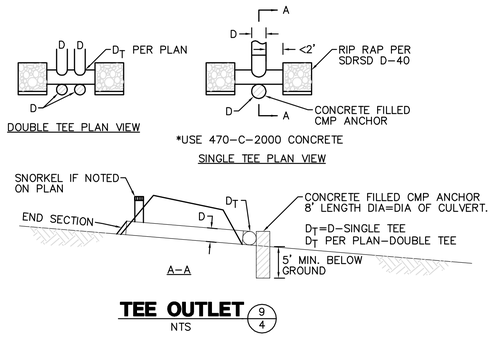
WATER BAR (5/4)
NTS



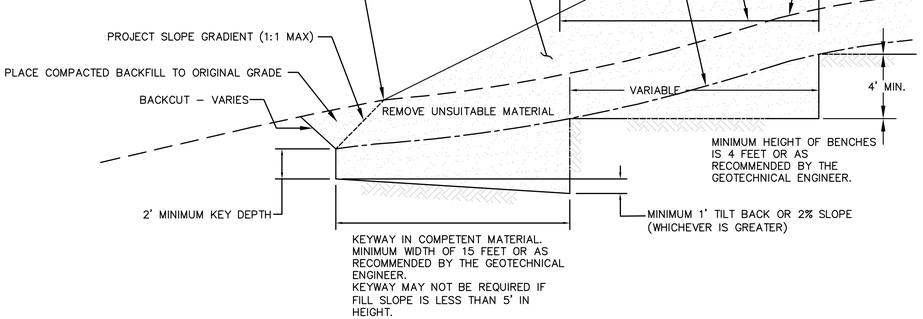
SECTION

* INDICATE MINIMUM RELATIVE COMPACTION

PIPE BEDDING AND TRENCH BACKFILL FOR STORM DRAINS (6/4)
NTS



TEE OUTLET (9/4)
NTS



NOTES:
BENCHING SHALL BE REQUIRED WHEN NATURAL SLOPES ARE EQUAL TO OR STEEPER THAN 5:1 OR WHEN RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

WHERE THE NATURAL SLOPE APPROACHES OR EXCEEDS THE DESIGN SLOPE RATIO, SPECIAL RECOMMENDATIONS WILL BE PROVIDED BY THE GEOTECHNICAL ENGINEER

FILL SLOPE BENCHING
NTS

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REE 29708 — Exp.3-31-YR — CIVIL — STATE OF CALIFORNIA

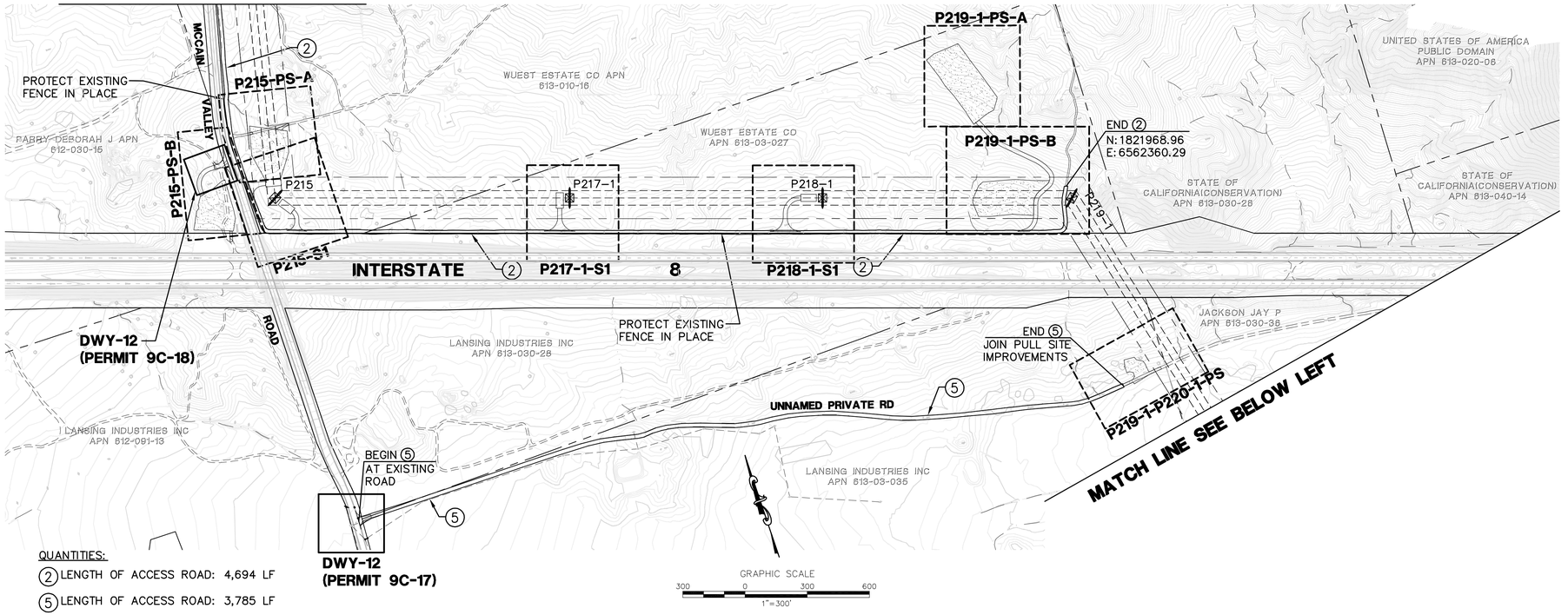
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-09C (LINK 1)
DETAIL SHEET 2 OF 2

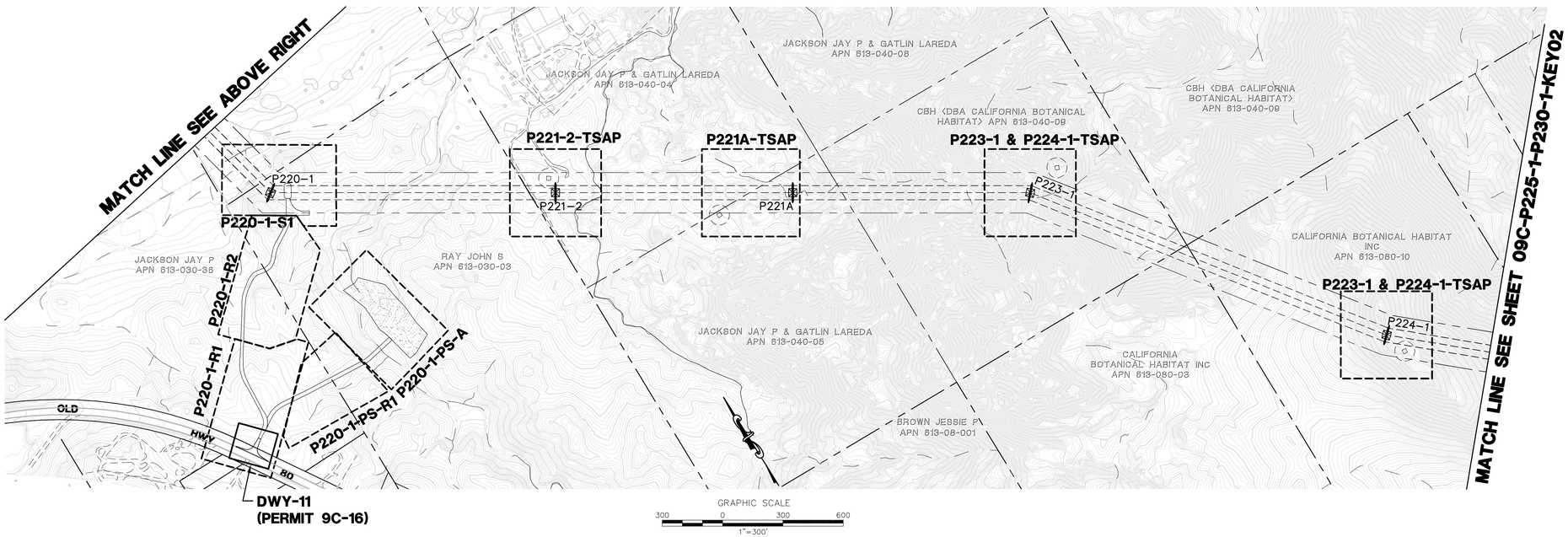
DRAWN BY: 00	DATE:	SCALE: NONE	W.O.	REV. 0	SPL-09C-004
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



QUANTITIES:

(2) LENGTH OF ACCESS ROAD: 4,694 LF

(5) LENGTH OF ACCESS ROAD: 3,785 LF



LEGEND

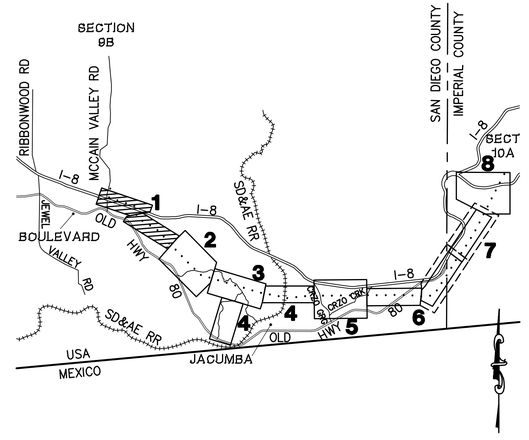
- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
- PROPOSED TRANSMISSION LINES
- P218-1 — PROPOSED LATTICE TOWER AND TOWER #
- TSAP — PROPOSED TOWER STAGING ACCESS PAD
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

(1) GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.

(2) IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.

(5) EXISTING ROAD TO REMAIN AS IS.



SECTION 9C LOCATION MAP

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. NO. 29708 — EXP. 3-31-17 — CIVIL — STATE OF CALIFORNIA

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.
CHECKED BY:	DATE:		REV. 0
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		09C-P215-P224-1-KEY01

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LEGEND

- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- SITE IMPROVEMENTS – SEE SHEET AS INDICATED
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- PROPOSED TRANSMISSION LINES
- P218-1 — PROPOSED LATTICE TOWER AND TOWER #
- TSAP — PROPOSED TOWER STAGING ACCESS PAD
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- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

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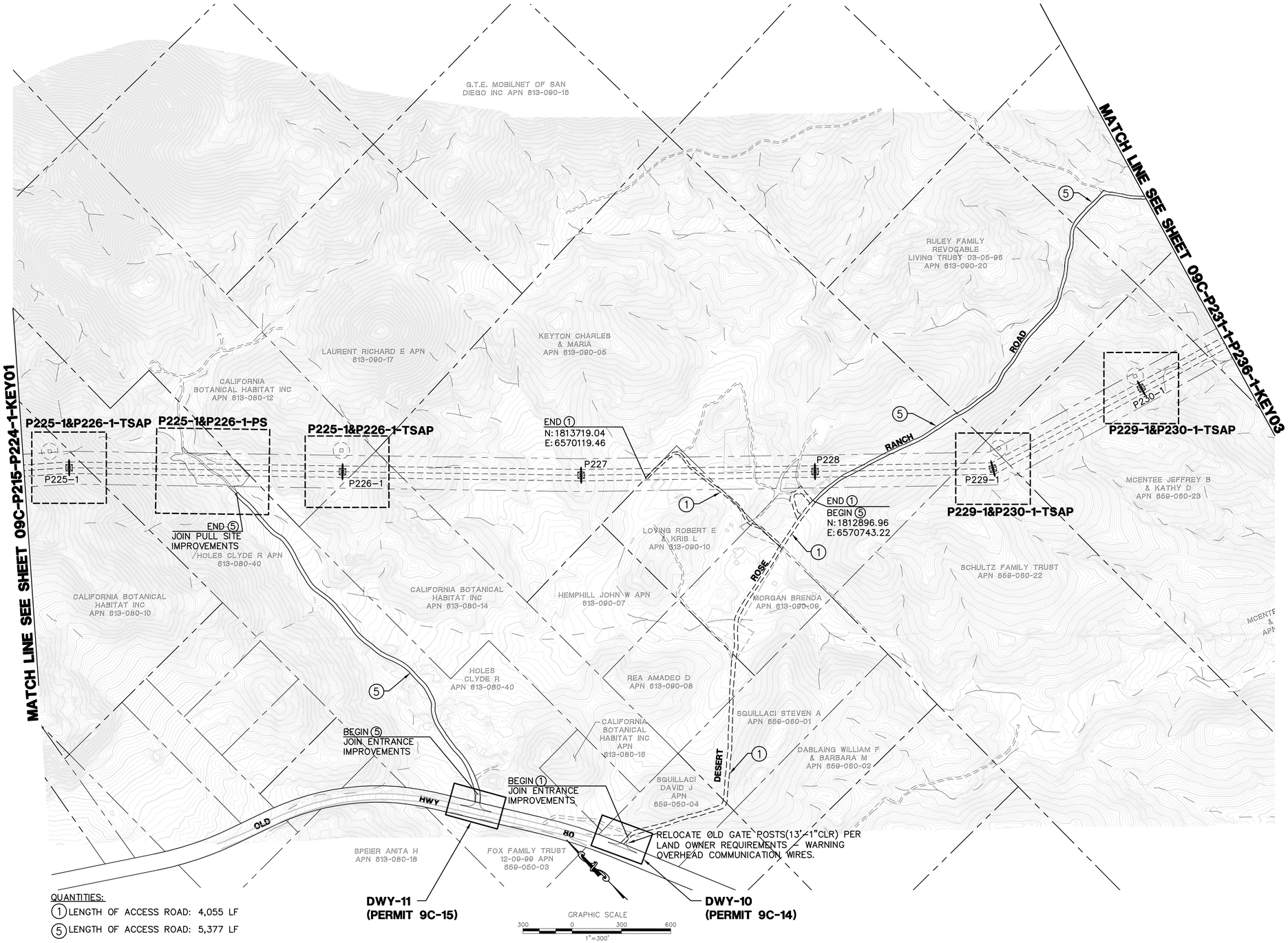
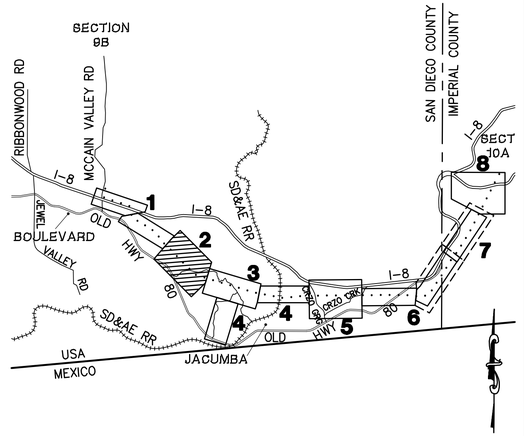
(5) EXISTING ROAD TO REMAIN AS IS.



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 4,055 LF

(5) LENGTH OF ACCESS ROAD: 5,377 LF



SECTION 9C LOCATION MAP

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SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P225-1-P230-1-KEY02
CAD NO.:	PLOT SCALE: 1 = 1		

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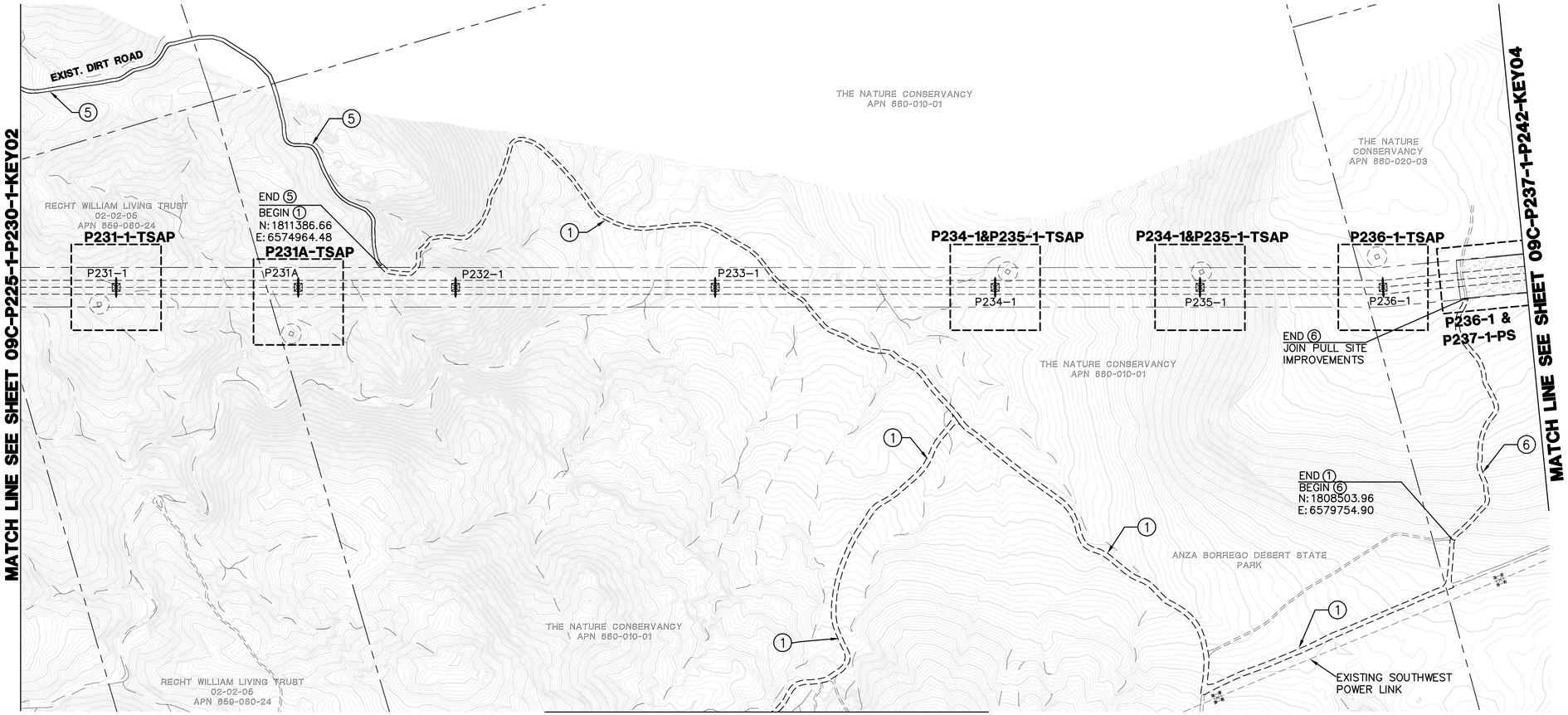


LEGEND

- AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX) — P218-1-S1
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
- PROPOSED TRANSMISSION LINES
- P218–1 — PROPOSED LATTICE TOWER AND TOWER #
- TSAP — PROPOSED TOWER STAGING ACCESS PAD
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

(1) GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.

(5) EXISTING ROAD TO REMAIN AS IS.

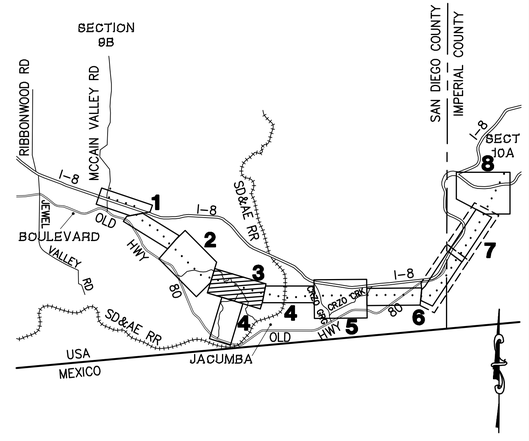
(6) SCARIFY EXISTING GROUND TO A MINIMUM DEPTH OF 12" ALONG EXISTING ROAD CENTERLINE. MINIMUM ROAD WIDTH = 12'. RECOMPACT TO 90% RELATIVE COMPACTION.

QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 9,365 LF
(5) LENGTH OF ACCESS ROAD: 2,618 LF
(6) LENGTH OF ACCESS ROAD: 1,378 LF

MATCH LINE SEE SHEET 09C-P237-1-P242-KEY04

GRAPHIC SCALE
300 0 300 600
1"=300'



SECTION 9C
LOCATION MAP

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REE 29108 — Exp.3-31-17 — CIVIL — STATE OF CALIFORNIA

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SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	09C–P231–1–P236–1–KEY03
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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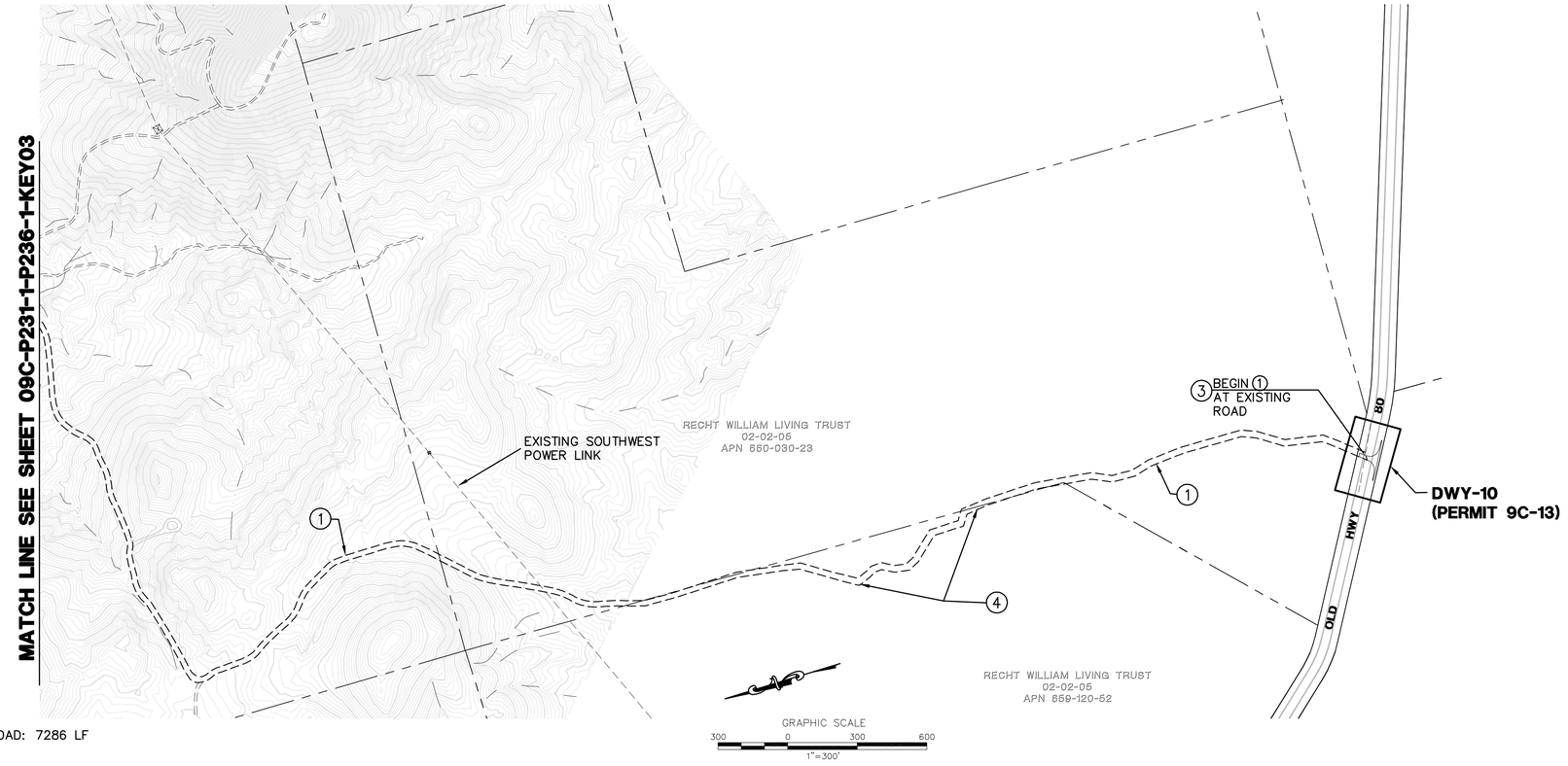


QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 7286 LF

LEGEND

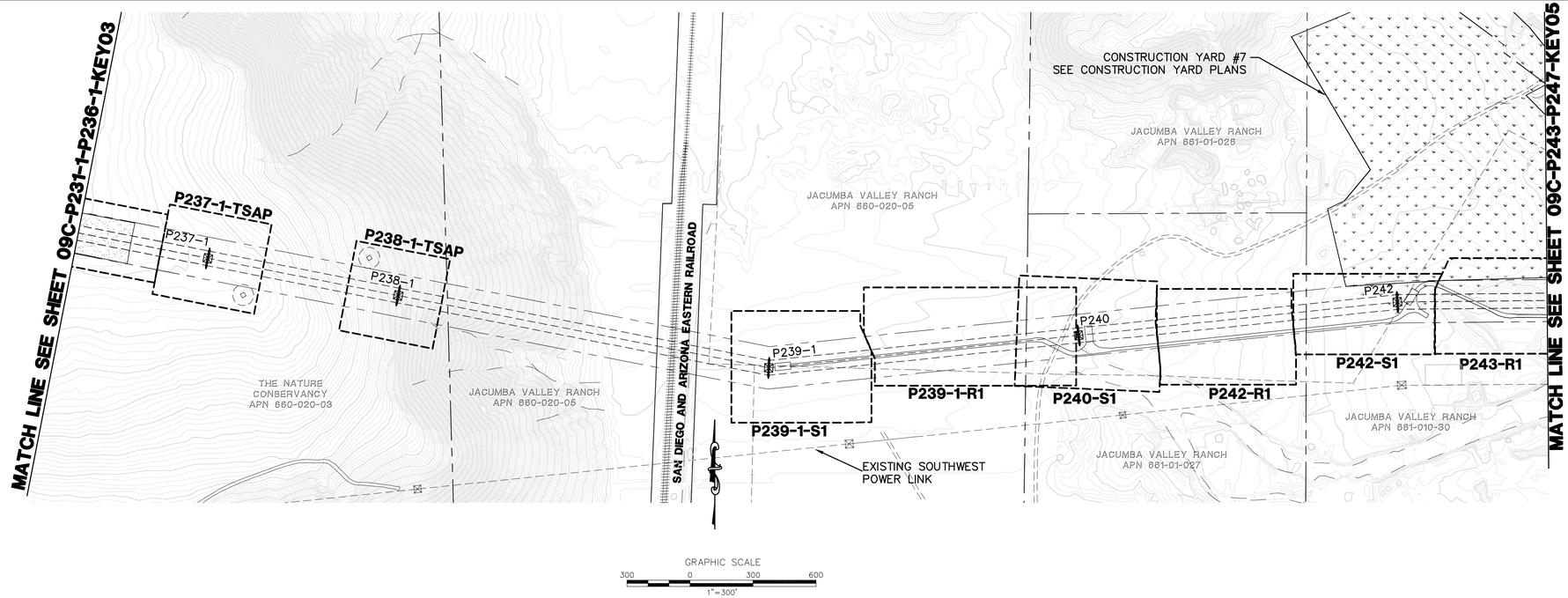
P218-1-S1	AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
	MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
	MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
	MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
	SITE IMPROVEMENTS – SEE SHEET AS INDICATED
	PULL SITE IMPROVEMENTS – SEE SHEET AS INDICATED
	CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
	PROPOSED TRANSMISSION LINES
P218–1	PROPOSED LATTICE TOWER AND TOWER #
TSAP	PROPOSED TOWER STAGING ACCESS PAD
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS

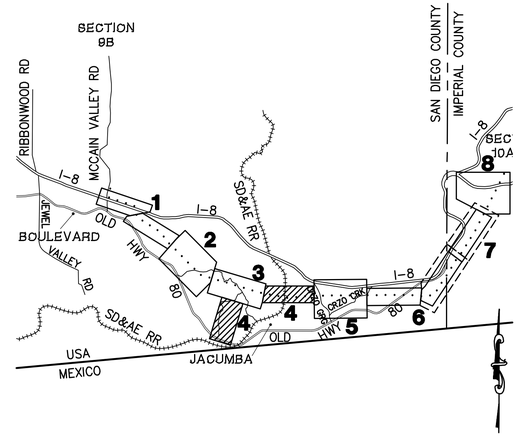
CONSTRUCTION NOTES

(1) GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.

(3) CONSTRUCT ENTRANCE/EXIT TO EXISTING ROADWAY BY GRADING 50' RADII FLARE OUTS TO JOIN EXISTING EDGE OF ROAD.

(4) REGRADE CURVE(S) TO A MINIMUM 50' RADIUS AND 20' WIDTH.





SECTION 9C LOCATION MAP

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

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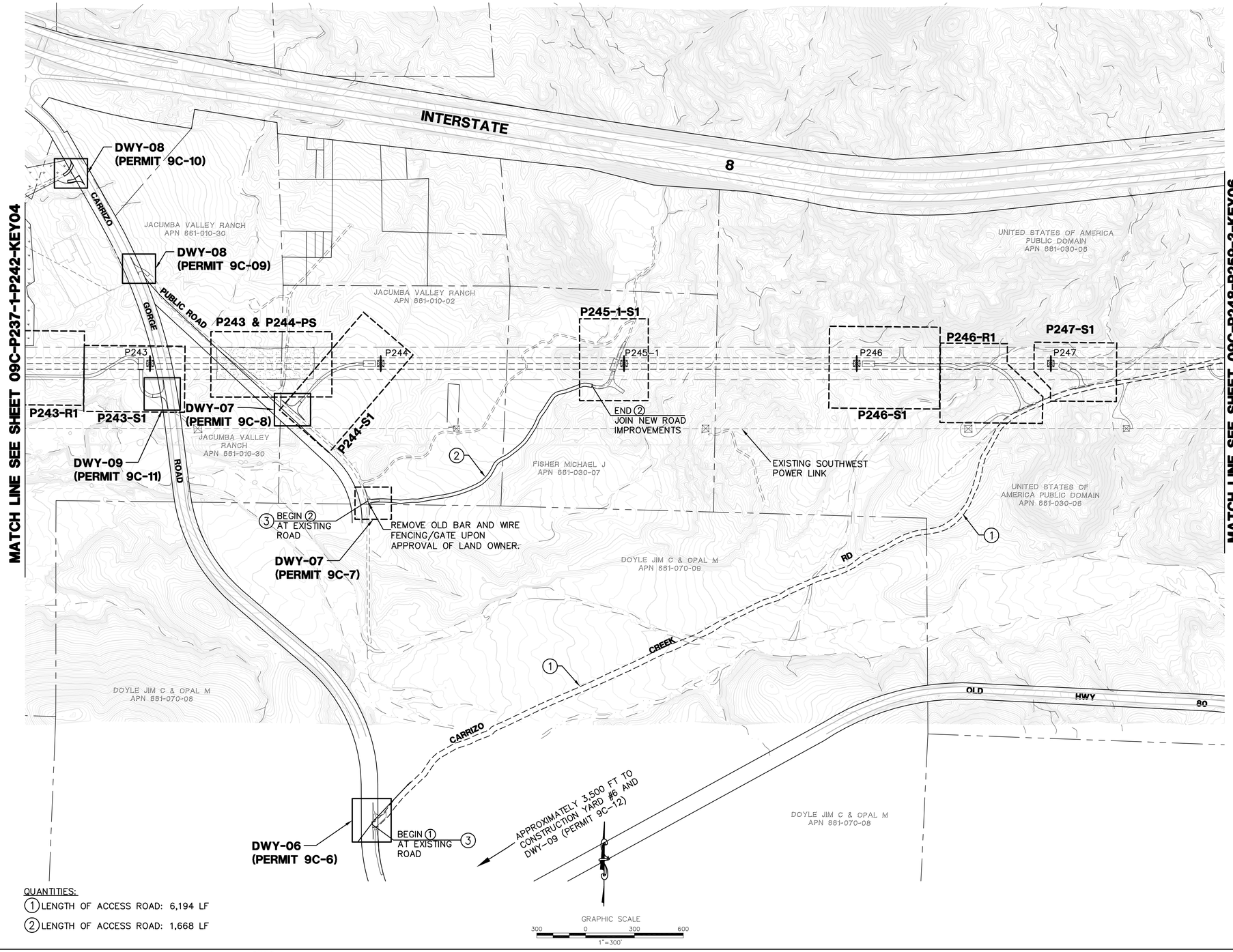
CHECKED BY:	DATE:		REV. 0
APPROVED BY:	DATE:		09C-P237-1-P242-KEY04
CAD NO.:	PLOT SCALE: 1 = 1		



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 6,194 LF

(2) LENGTH OF ACCESS ROAD: 1,668 LF

LEGEND

- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
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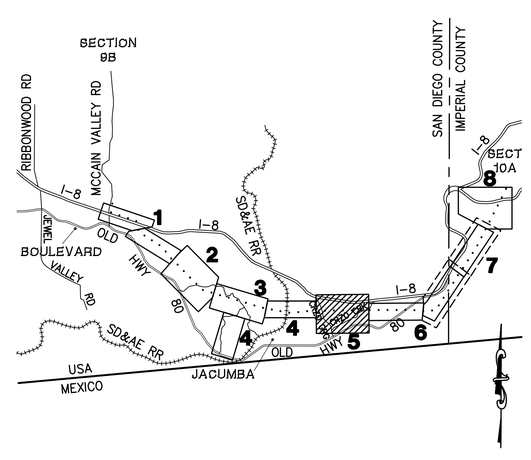
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

1. GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.
2. IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.
3. CONSTRUCT ENTRANCE/EXIT TO EXISTING ROADWAY BY GRADING 50' RADII FLARE OUTS TO JOIN EXISTING EDGE OF ROAD.



SECTION 9C LOCATION MAP

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REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	09C–P243–P247–KEY05
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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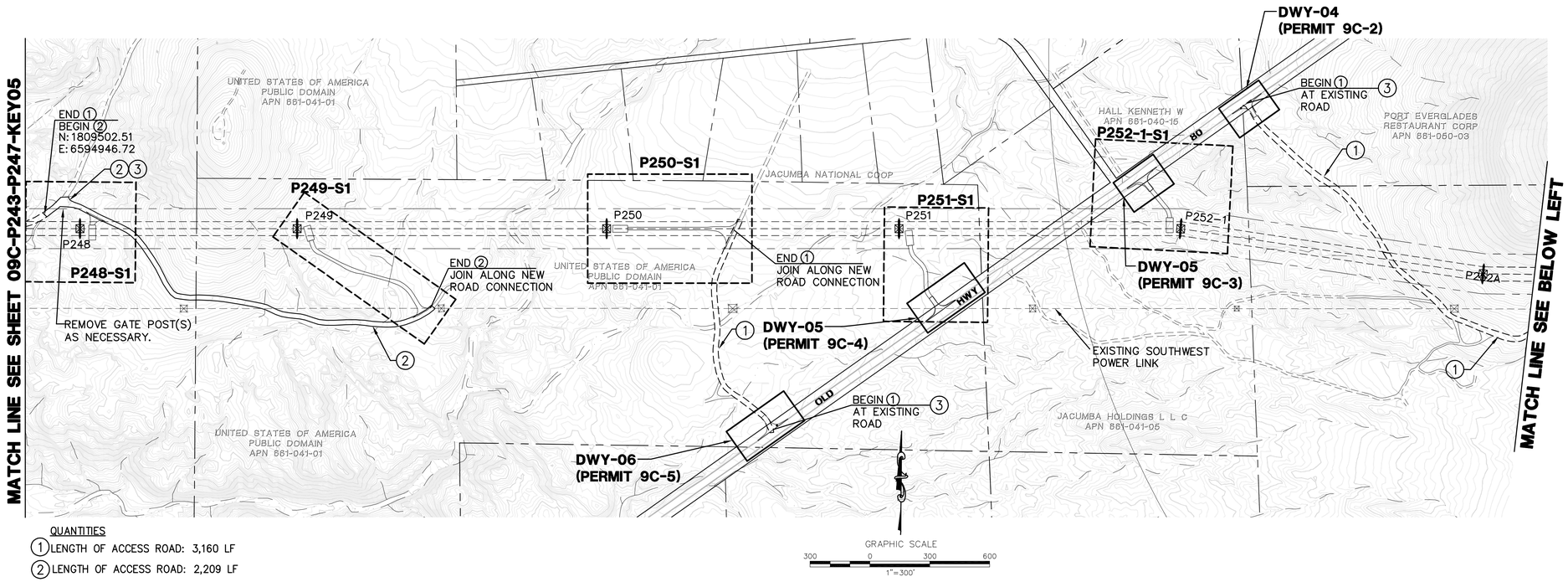

QUANTITIES

(1) LENGTH OF ACCESS ROAD: 3,160 LF

(2) LENGTH OF ACCESS ROAD: 2,209 LF

GRAPHIC SCALE
300 0 300 600
1"=300'

LEGEND

P218-1-S1	AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
	MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
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	EXISTING 10' CONTOURS
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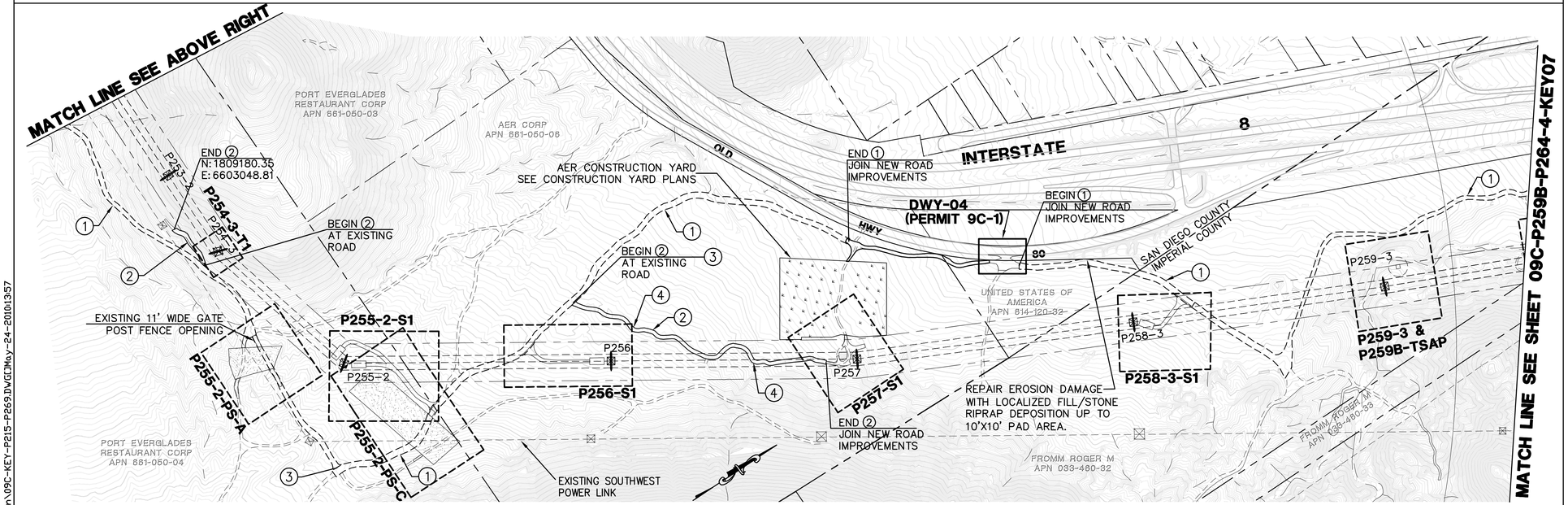
(3) CONSTRUCT ENTRANCE/EXIT TO EXISTING ROADWAY BY GRADING 50' RADII FLARE OUTS TO JOIN EXISTING EDGE OF ROAD.

(4) REGRADE CURVE(S) TO A MINIMUM 50' RADIUS AND 20' WIDTH.



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 7,937 LF

(2) LENGTH OF ACCESS ROAD: 1,469 LF

GRAPHIC SCALE
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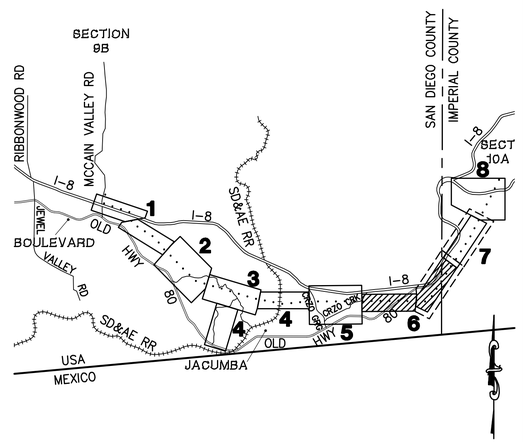
1"=300'



SECTION 9C LOCATION MAP

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — RCE 25708 — Exp. 3-31-17 — CIVIL — STATE OF CALIFORNIA

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

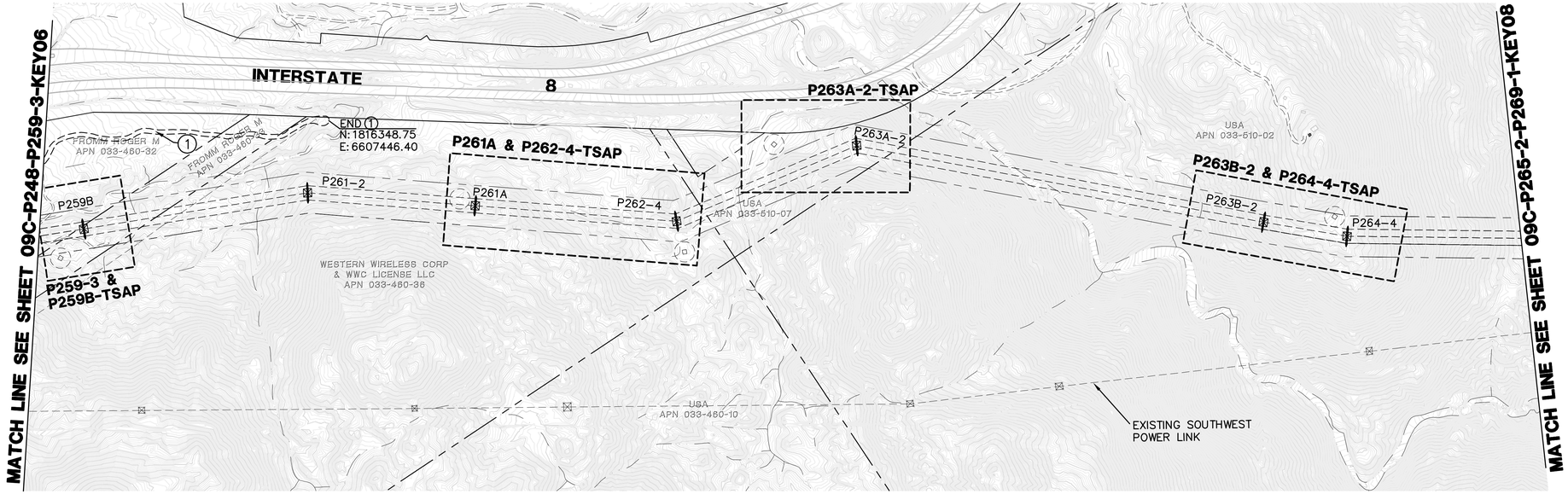
SPL–9C (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

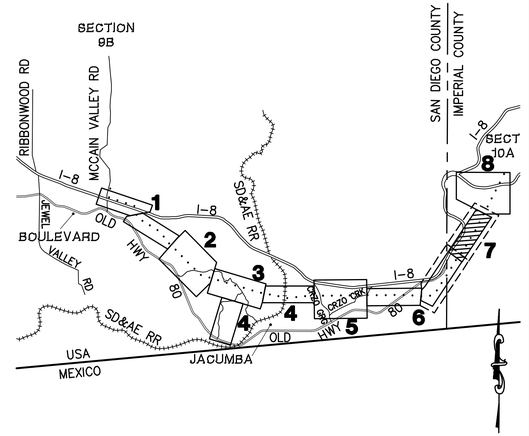
DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P248-P259-3-KEY06
CAD NO.:	PLOT SCALE: 1 = 1		

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-KEY-P215-P269.DVG DMoy-24-201013357

LEGEND

- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
- PROPOSED TRANSMISSION LINES
- P218–1 — PROPOSED LATTICE TOWER AND TOWER #
- TSAP — PROPOSED TOWER STAGING ACCESS PAD
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS





SECTION 9C LOCATION MAP

QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 1,492 LF

GRAPHIC SCALE
300 0 300 600
1" = 300'

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. NO. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

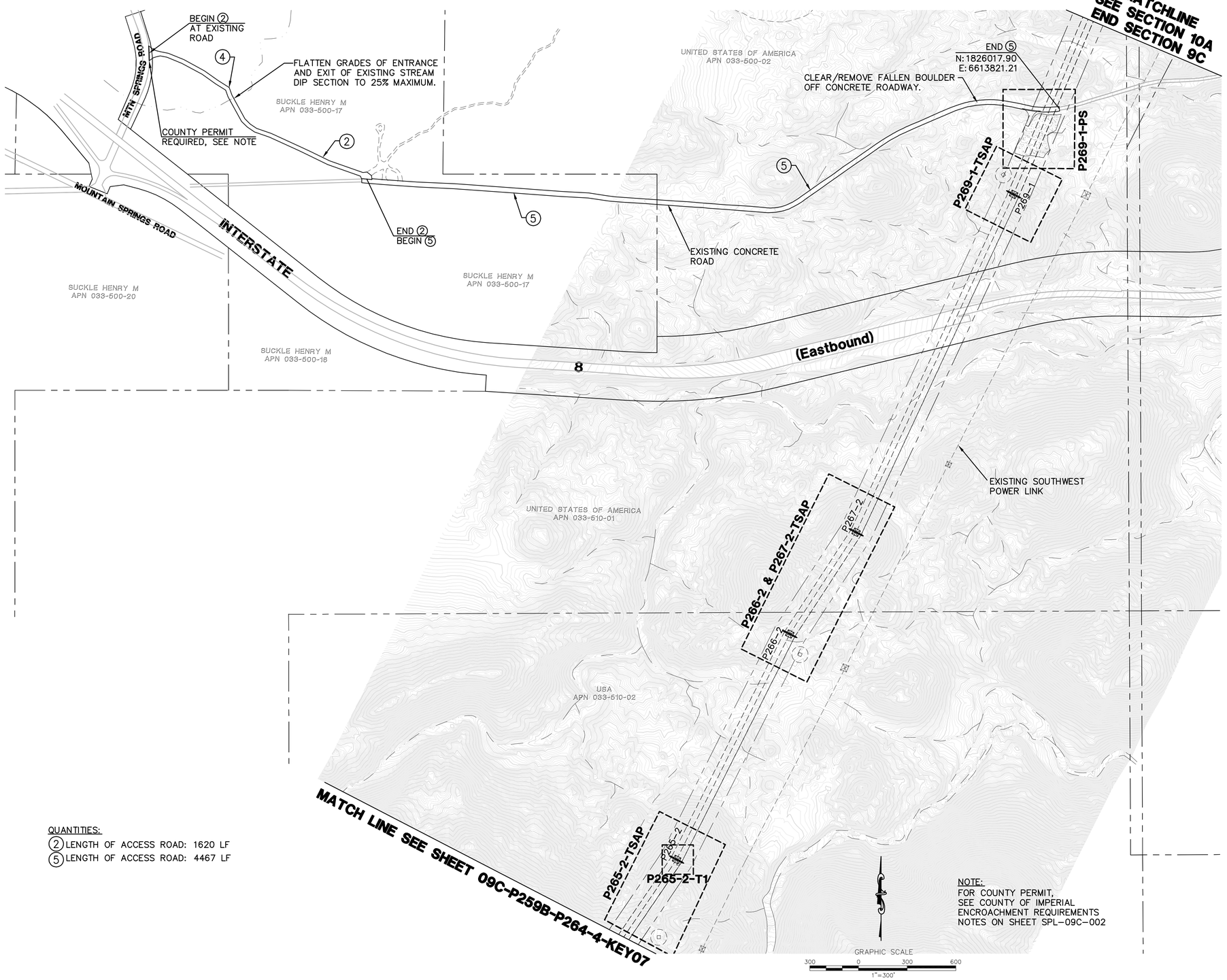
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C–P259B–P264–4–KEY07
CAD NO.:	PLOT SCALE: 1 = 1		

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-KEY-P215-P269.DVGDMay-24-201013358



LEGEND

- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
- PROPOSED TRANSMISSION LINES
- P218-1 — PROPOSED LATTICE TOWER AND TOWER #
- TSAP — PROPOSED TOWER STAGING ACCESS PAD
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

(2) IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.

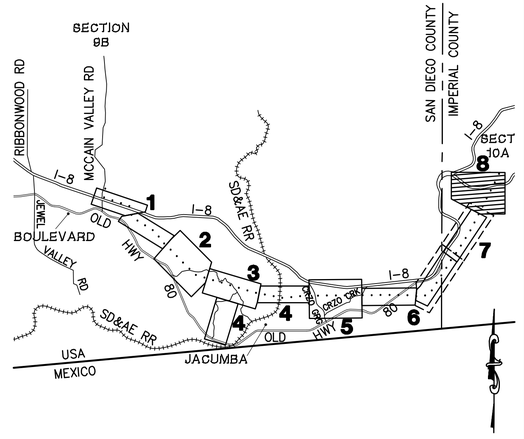
(4) REGRADE CURVE(S) TO A MINIMUM 50' RADIUS AND 20' WIDTH.

(5) EXISTING ROAD TO REMAIN AS IS.

QUANTITIES:

(2) LENGTH OF ACCESS ROAD: 1620 LF

(5) LENGTH OF ACCESS ROAD: 4467 LF



SECTION 9C LOCATION MAP

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REE 29708 — Exp.3-31-17 — CIVIL — STATE OF CALIFORNIA

REVISIONS

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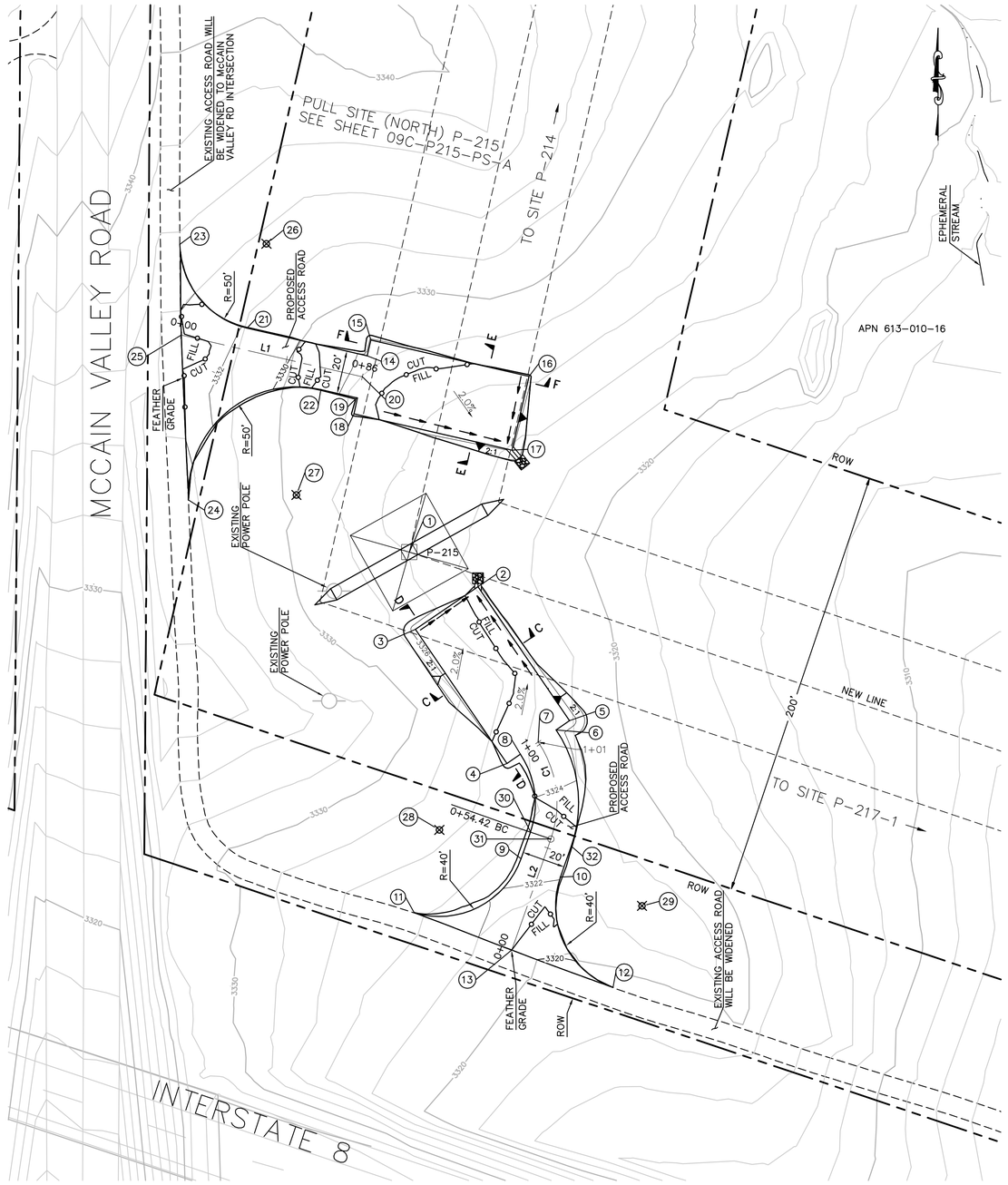
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O. REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P265-2-P269-1-KEY08
CAD NO.:	PLOT SCALE: 1 = 1		

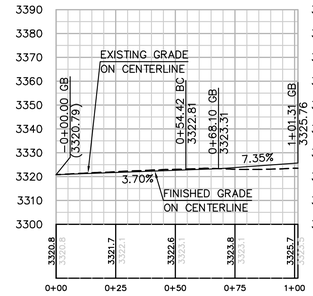
P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-KEY-P215-P269.DWG[Mon-24-2010]1359



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-215	500 KV EXHD Lattice Dead-end Tower	-84.38	141.75

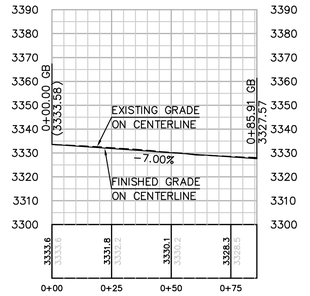
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		85.91	S77°01'05"E
L2		54.42	N19°24'48"E
C1	50.00	46.89	53°43'45"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1823131.71	6558728.49	(3325.94)	P-215
2	1823115.72	6558760.23	3324.46	FG/FL
3	1823095.99	6558731.32	3324.95	FG
4	1823034.04	6558773.60	3326.00	FG
5	1823053.77	6558802.51	3325.51	FG
6	1823049.54	6558796.32	3325.61	FG
7	1823043.91	6558788.06	3325.75	CL/FG
8	1823038.27	6558779.80	3325.89	FG
9	1822990.02	6558780.12	3322.52	BC
10	1822981.50	6558798.32	3322.05	BC
11	1822965.07	6558730.69	(3324.29)	EC
12	1822930.53	6558822.61	(3318.94)	EC
13	1822947.77	6558775.83	(3320.79)	CL/FG
14	1823222.39	6558709.06	3327.67	FG
15	1823229.70	6558710.74	3327.75	FG
16	1823212.85	6558783.83	3326.67	FG
17	1823178.75	6558775.93	3326.18	FG/FL
18	1823195.59	6558702.88	3327.31	FG
19	1823202.97	6558704.26	3327.44	FG
20	1823212.65	6558706.81	3327.57	CL/FG
21	1823235.20	6558653.49	3331.76	FG
22	1823206.82	6558687.58	3328.59	FG
23	1823273.87	6558622.47	(3335.67)	EG
24	1823155.82	6558626.40	(3334.48)	EG
25	1823231.94	6558623.10	(3333.58)	CL/FG
26	1823274.18	6558662.47		RP
27	1823158.09	6558676.35		RP
28	1823003.32	6558742.39		RP
29	1822968.21	6558836.04		RP
30	1823002.42	6558784.49	3323.01	BC
31	1822999.10	6558793.92	3322.81	CL/BC
32	1822995.78	6558803.35	3322.61	BC



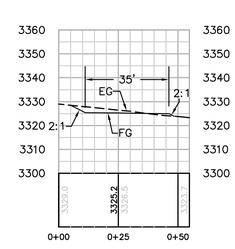
PROFILE: ACCESS TO TOWER P-215 PLAN (SOUTH)

HORIZ. & VERT. SCALE: 1" = 30'



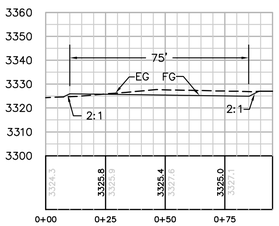
PROFILE: ACCESS TO TOWER P-215 PLAN (NORTH)

HORIZ. & VERT. SCALE: 1" = 30'



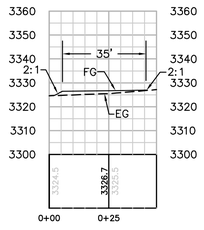
SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'



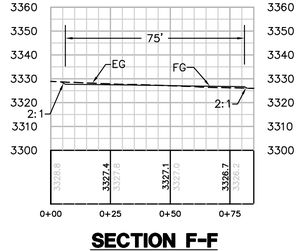
SECTION D-D

HORIZ. & VERT. SCALE: 1" = 30'



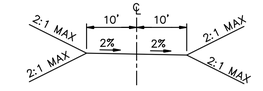
SECTION E-E

HORIZ. & VERT. SCALE: 1" = 30'



SECTION F-F

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 1+01.31
STA 0+00.00 TO 0+85.91
NTS

EARTH QUANTITIES:
CUT: 133 CY
FILL: 175 CY
NET: 42 CY

DISTURBED AREA:
PAD: 6,552 SF
ROAD: 6,017 SF
TOTAL: 12,569 SF

QUANTITIES:
RIP RAP: 50 SF
DOWN DRAIN: 7 LF

LENGTH OF ACCESS ROAD: 187 LF

TOWER P-215 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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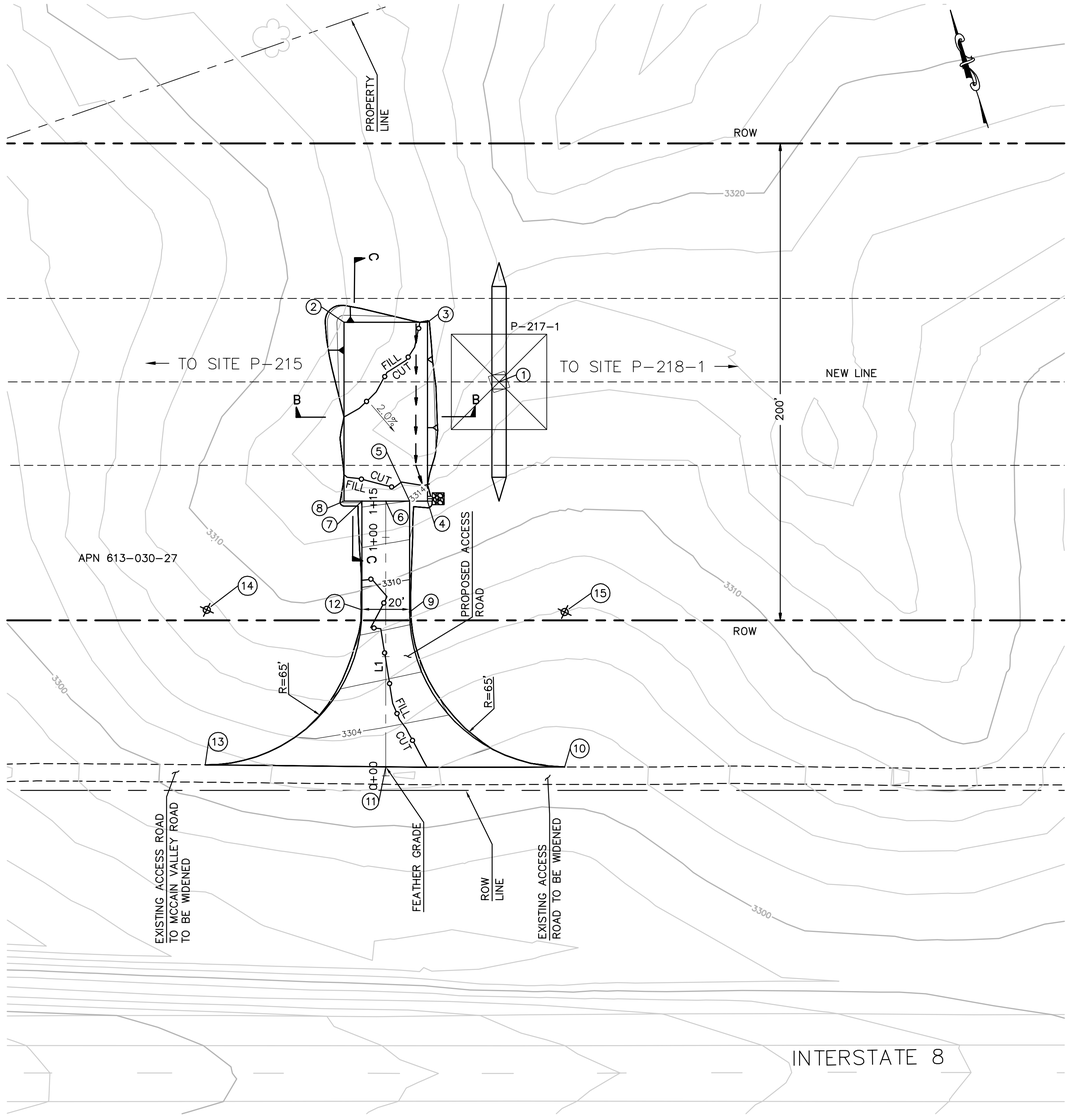
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-215

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P215-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

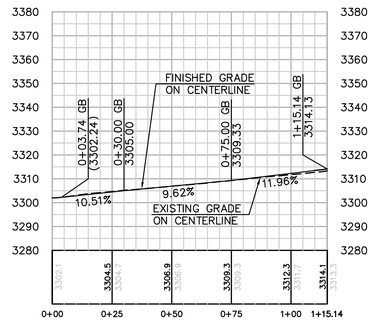
P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P215-S1.dwg[May-26-2010]2:30



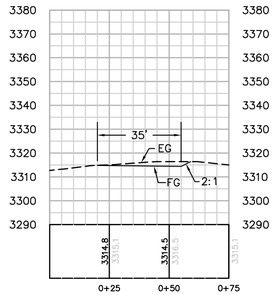
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–217–1	500 KV EXMT Lattice Tangent Tower	0.00	142.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		115.14	N18°36'00"E

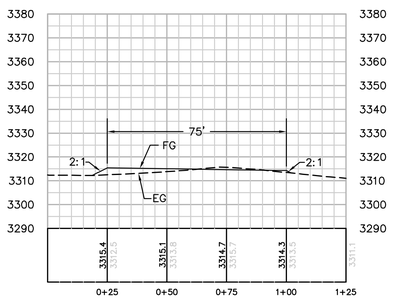
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1822678.72	6560074.50	(3315.99)	P–217–1
2	1822723.15	6560020.87	3315.48	FG
3	1822711.99	6560054.04	3315.02	FG
4	1822640.90	6560030.12	3313.90	FG
5	1822643.30	6560023.01	3314.00	FG
6	1822646.49	6560013.54	3314.13	CL/FG
7	1822649.68	6560004.06	3314.26	FG
8	1822652.07	6559996.95	3314.35	FG
9	1822599.24	6560008.19	3308.73	EC
10	1822516.91	6560049.05	(3301.07)	BC
11	1822540.90	6559978.00	(3302.24)	CL/FG
12	1822606.49	6559989.52	3309.13	EC
13	1822565.82	6559906.59	(3300.94)	BC
14	1822627.22	6559927.92		RP
15	1822578.51	6560069.79		RP



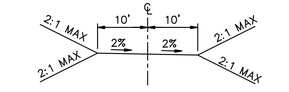
PROFILE: ACCESS ROAD TO TOWER P-217-1
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+15.14
NTS

EARTH QUANTITIES:
CUT: 80 CY
FILL: 79 CY
NET: 1 CY

DISTURBED AREA:
PAD: 3,425 SF
ROAD: 4,677 SF
TOTAL: 8,102 SF

QUANTITIES:
RIP RAP: 25 SF
DOWNDRAIN: 3 LF
LENGTH OF ACCESS ROAD: 115 LF

TOWER P-217-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P217-1-S1.dwg[JMay-26-2010]28

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-11
CIVIL
STATE OF CALIFORNIA

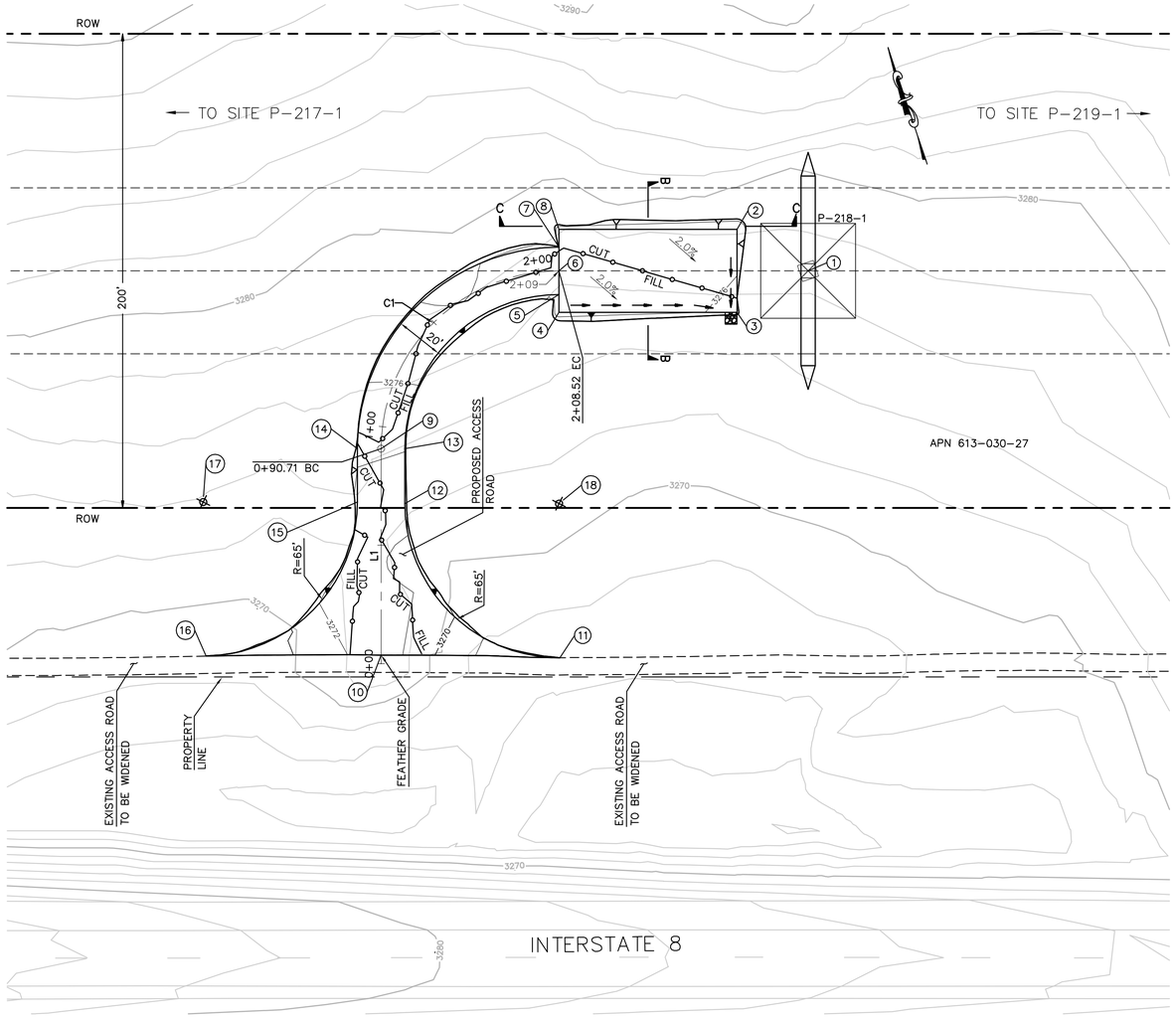
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)
SITE P–217–1

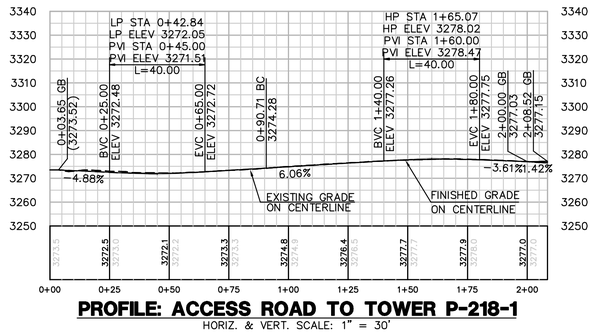
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C–P217–1–S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-218-1	500 KV EXMT Lattice Tangent Tower	0.00	145.50

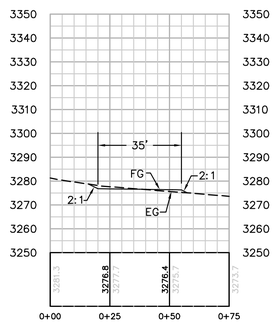
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING\DELTA
L1		90.71	N18°36'00"E
C1	75.00	117.81	90°00'00"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1822289.63	6561230.69	(3278.22)	P-218-1
2	1822315.78	6561207.83	3276.26	FG
3	1822282.61	6561196.67	3275.80	FG
4	1822306.53	6561125.59	3276.92	FG
5	1822313.64	6561127.98	3277.02	EC
6	1822323.12	6561131.17	3277.15	CL/EC
7	1822332.59	6561134.36	3277.28	EC
8	1822339.70	6561136.75	3277.38	FG
9	1822275.96	6561036.17	3274.28	CL/BC
10	1822193.45	6561008.40	(3273.52)	CL/FG
11	1822168.37	6561079.48	(3266.37)	BC
12	1822250.82	6561038.26	3272.67	EC
13	1822272.77	6561045.64	3274.08	BC
14	1822279.15	6561026.69	3274.48	BC
15	1822257.81	6561019.51	3273.11	EC
16	1822216.55	6560938.36	(3268.36)	BC
17	1822278.54	6560957.90		RP
18	1822230.09	6561099.86		RP



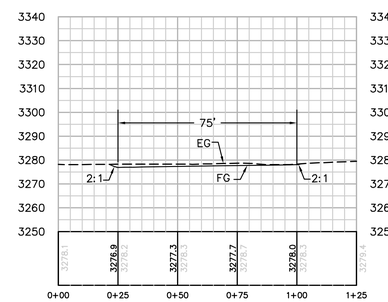
PROFILE: ACCESS ROAD TO TOWER P-218-1

HORIZ. & VERT. SCALE: 1" = 30'



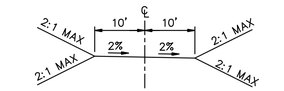
SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 2+08.52

EARTH QUANTITIES:
CUT: 76 CY.
FILL: 66 CY.
NET: 10 CY.

DISTURBED AREA:
PAD: 3,214 SF
ROAD: 6,258 SF
TOTAL: 9,472 SF

QUANTITIES:
RIP RAP: 25 SF
LENGTH OF ACCESS ROAD: 209 LF

TOWER P-218-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P218-1-S1.dwg CMay-26-2010 12:31

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — No. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

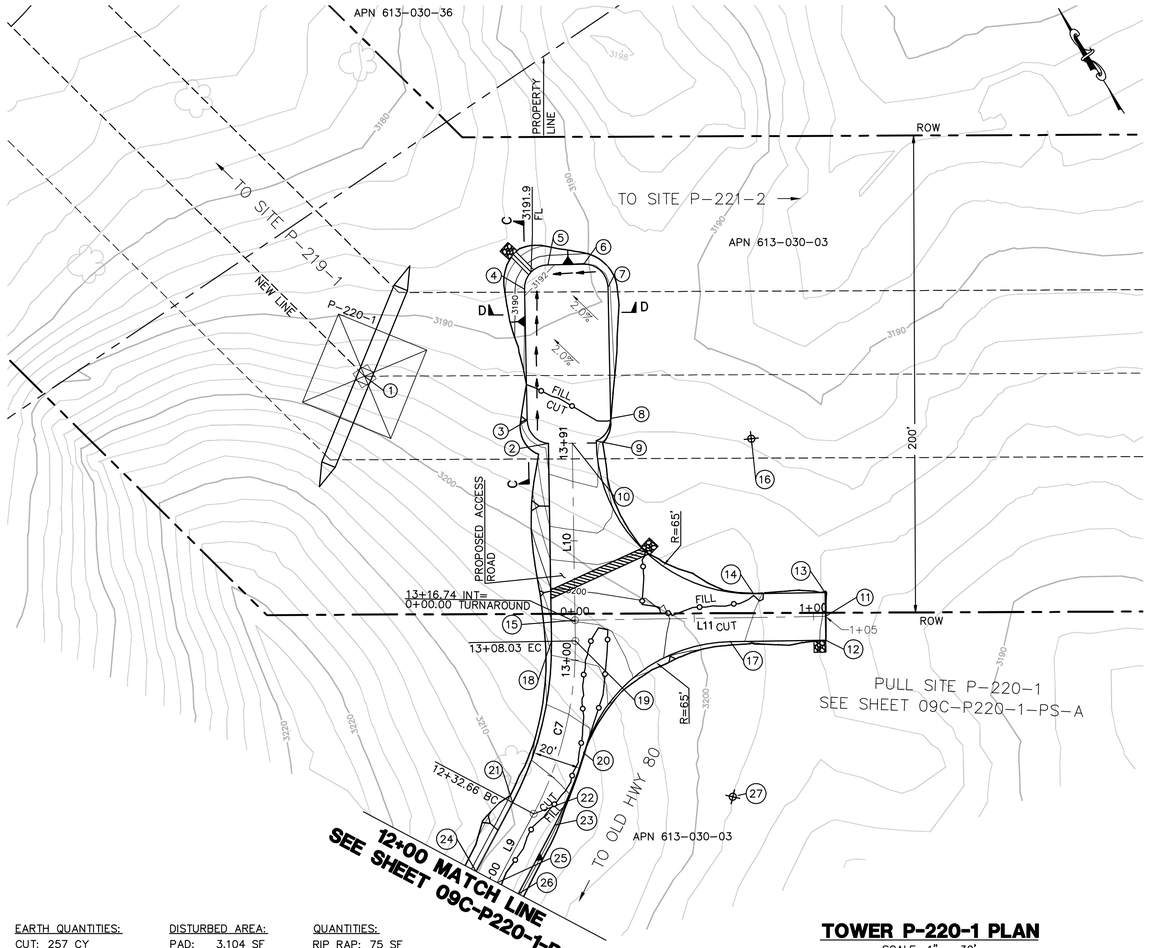
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-218-1

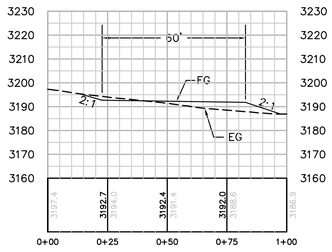
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P218-1-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



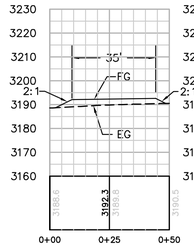
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-220-1	500 KV EXMD Lattice Dead-End Tower	-44.95	159.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING\DELTA
C7	150.00	75.37	28°47'17"
L9		32.66	N59°55'51"E
L10		82.91	N31°08'34"E
L11		105.00	S58°50'10"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1820308.11	6562748.02	(3195.47)	P-220-1
2	1820243.33	6562798.45	3193.07	FG
3	1820256.33	6562796.02	3192.73	FG
4	1820303.56	6562824.20	3191.96	FG
5	1820307.03	6562837.91	3191.96	FG
6	1820299.34	6562850.79	3192.17	FG
7	1820285.63	6562854.26	3192.45	FG
8	1820238.40	6562826.08	3193.25	FG
9	1820233.64	6562815.96	3193.30	EC
10	1820238.14	6562807.00	3193.15	CL
11	1820120.30	6562858.47	3195.89	CL
12	1820111.74	6562853.30	3195.69	FG
13	1820128.85	6562863.65	3196.09	FG
14	1820144.38	6562837.98	3198.13	BC
15	1820174.63	6562768.63	3201.91	CL
16	1820200.00	6562871.61		RP
17	1820132.42	6562819.10	3198.35	EC
18	1820172.35	6562755.56	3203.27	EC
19	1820167.18	6562764.12	3203.07	CL/EC
20	1820125.32	6562742.21	3206.92	BC
21	1820123.59	6562705.88	3208.85	BC
22	1820114.94	6562710.89	3208.65	CL/BC
23	1820106.29	6562715.90	3208.45	BC
24	1820107.23	6562677.62	3208.92	FG
25	1820098.57	6562682.63	3208.72	CL
26	1820089.92	6562687.64	3208.52	FG
27	1820076.80	6562785.46		RP



SECTION C-C
HORIZ. & VERTICAL SCALE: 1" = 30'



SECTION D-D
HORIZ. & VERT. SCALE: 1" = 30'

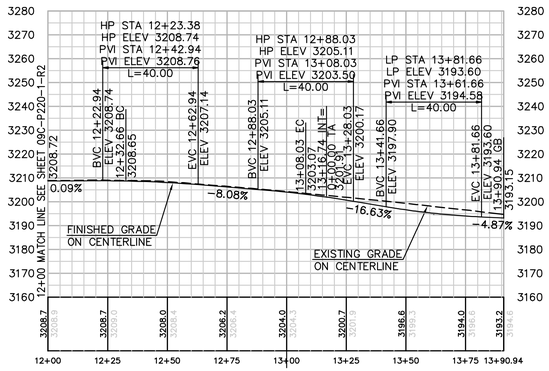
EARTH QUANTITIES:
CUT: 257 CY
FILL: 190 CY
NET: 67 CY

DISTURBED AREA:
PAD: 3,104 SF
ROAD: 8,635 SF
TOTAL: 11,739 SF

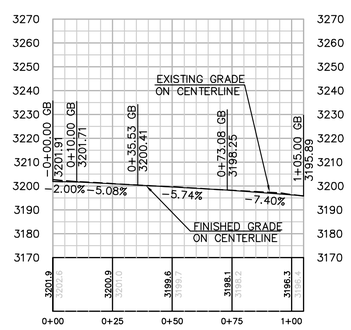
QUANTITIES:
RIP RAP: 75 SF
DOWN DRAIN: 11 LF

LENGTH OF ACCESS ROAD: 296 LF

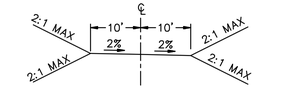
TOWER P-220-1 PLAN
SCALE: 1" = 30'
GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-220-1
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: TURNAROUND
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 12+00 TO 13+90.94
NTS

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — RCE 29708 — Exp.3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-220-1

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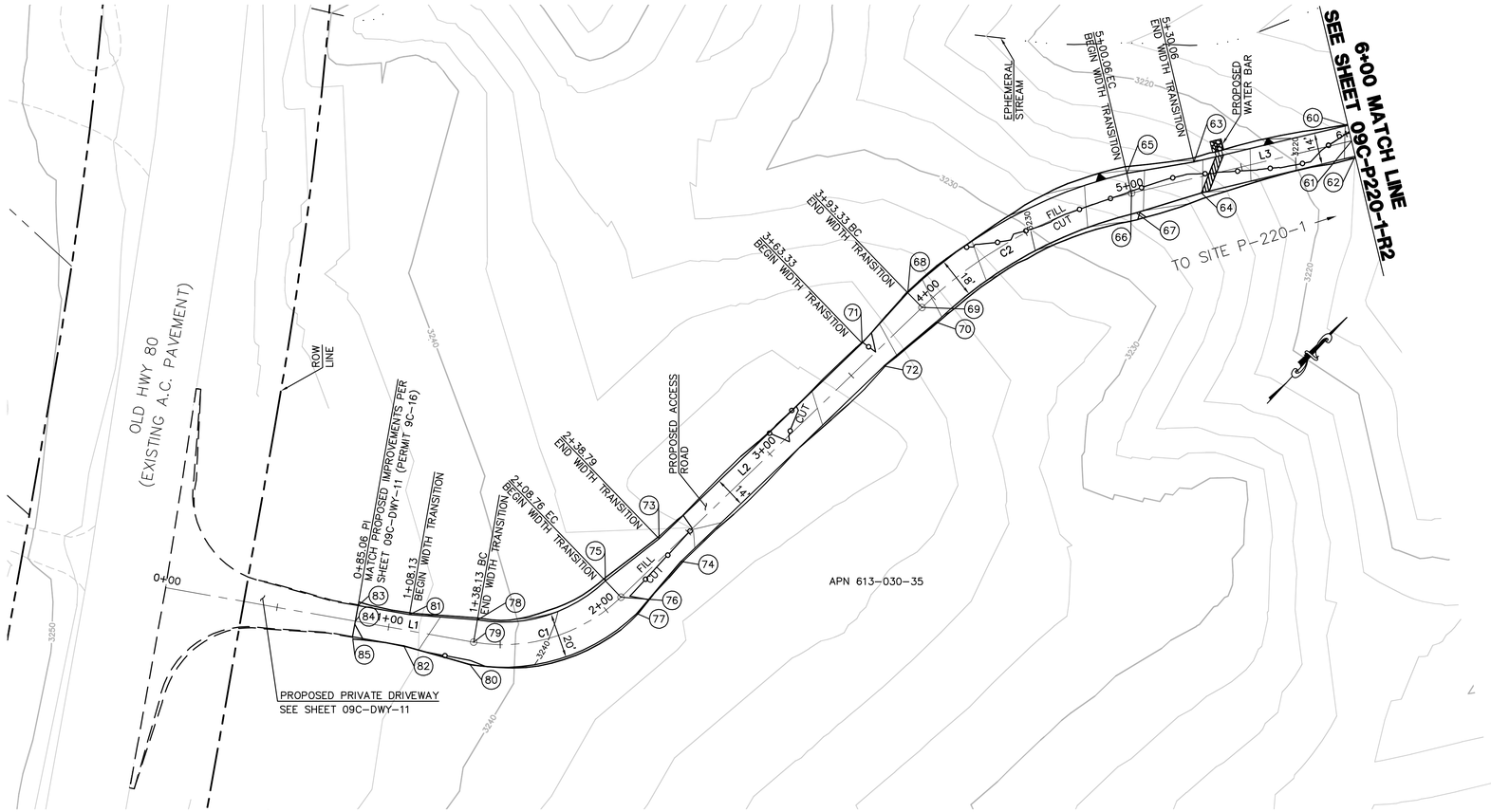
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING\DELTA
C1	75.00	70.63	53°57'26"
C2	200.00	106.73	30°34'34"
L1		53.07	N57°18'52"E
L2		184.58	N3°21'25"E
L3		99.94	N33°55'59"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
60	1819756.82	6562231.39	3217.90	FG
61	1819752.92	6562237.20	3217.76	CL
62	1819749.01	6562243.01	3217.62	FG
63	1819698.80	6562192.35	3224.31	FG
64	1819690.98	6562203.97	3224.03	FG
65	1819675.03	6562173.95	3226.60	EC
66	1819670.00	6562181.42	3226.42	CL/EC
67	1819664.98	6562188.88	3226.24	EC
68	1819570.60	6562138.71	3234.63	BC
69	1819570.07	6562147.70	3234.45	CL/BC
70	1819569.54	6562156.68	3234.27	BC
71	1819540.53	6562138.95	3236.78	FG
72	1819539.71	6562152.93	3236.50	FG
73	1819416.16	6562131.66	3238.88	FG
74	1819415.35	6562145.63	3238.60	FG
75	1819386.39	6562126.90	3239.29	EC
76	1819385.81	6562136.89	3239.09	CL/EC
77	1819385.22	6562146.87	3238.89	EC
78	1819335.49	6562097.12	3241.25	BC
79	1819327.07	6562102.52	3241.05	CL/BC
80	1819318.66	6562107.92	3240.85	BC
81	1819316.77	6562073.49	3242.50	FG
82	1819304.98	6562081.05	3242.22	FG
83	1819304.31	6562054.07	3243.50	FG
84	1819298.42	6562057.85	3243.36	CL/FG
85	1819292.53	6562061.64	3243.22	FG

EARTH QUANTITIES:
CUT: 60 CY
FILL: 63 CY
NET: 3 CY

DISTURBED AREA:
ROAD: 9,417 SF

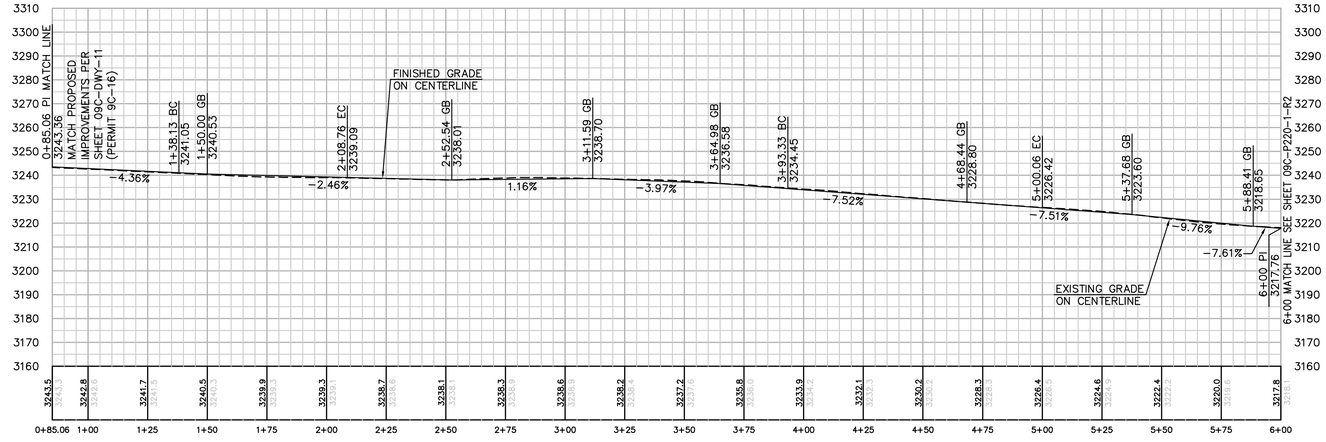
QUANTITIES::
RIP RAP: 25 SF
DOWN DRAIN: 3 LF

LENGTH OF ACCESS ROAD: 515 LF

ACCESS ROAD TO TOWER P-220-1 PLAN

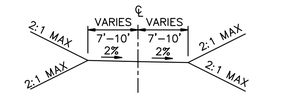
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-220-1

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+85.06 TO 6+00.00
NTS

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STEPHEN K. SMITH
RCE 29708
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
ACCESS ROAD TO SITE P-220-1

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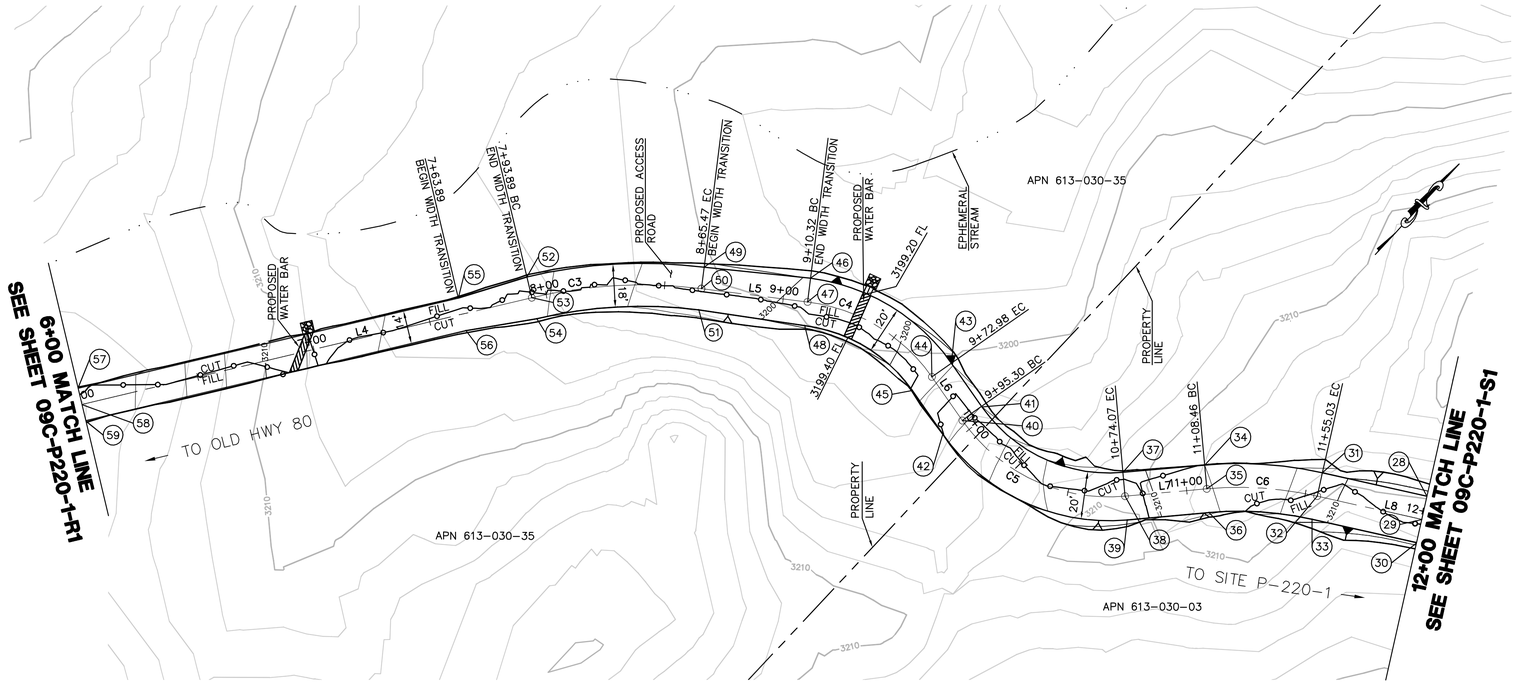
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING\DELTA
C3	200.00	71.58	20°30'22"
C4	75.00	62.67	47°52'26"
C5	75.00	78.76	60°10'17"
C6	150.00	46.57	17°47'21"
L4		193.89	N33°55'59"E
L5		44.85	N54°26'21"E
L6		22.32	S77°41'13"E
L7		34.39	N42°08'30"E
L8		44.97	N59°55'51"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
28	1820107.23	6562677.62	3208.92	FG
29	1820098.57	6562682.63	3208.72	CL
30	1820089.92	6562687.64	3208.52	FG
31	1820084.70	6562638.70	3211.03	EC
32	1820076.04	6562643.71	3210.83	CL/EC
33	1820067.39	6562648.72	3210.63	EC
34	1820053.58	6562600.23	3211.99	BC
35	1820046.87	6562607.64	3211.79	CL/BC
36	1820040.16	6562615.06	3211.59	BC
37	1820028.09	6562577.15	3209.55	EC
38	1820021.38	6562584.57	3209.35	CL/EC
39	1820014.67	6562591.98	3209.15	EC
40	1819998.42	6562512.96	3203.84	CL/BC
41	1820008.19	6562515.10	3204.04	BC
42	1819988.65	6562510.83	3203.64	BC
43	1820012.95	6562493.29	3201.89	EC
44	1820003.18	6562491.16	3201.69	CL/EC
45	1819993.41	6562489.02	3201.49	EC
46	1819999.06	6562425.73	3199.93	BC
47	1819990.92	6562431.54	3199.73	CL/BC
48	1819982.79	6562437.36	3199.53	BC
49	1819972.16	6562389.82	3200.98	EC
50	1819964.84	6562395.06	3200.80	CL/EC
51	1819957.52	6562400.29	3200.62	EC
52	1819918.81	6562337.97	3204.63	BC
53	1819913.78	6562345.43	3204.45	CL/BC
54	1819908.76	6562352.90	3204.27	BC
55	1819892.80	6562322.88	3205.69	FG
56	1819884.98	6562334.49	3205.41	FG
57	1819756.82	6562231.39	3217.90	FG
58	1819752.92	6562237.20	3217.76	CL
59	1819749.01	6562243.01	3217.62	FG

EARTH QUANTITIES:
CUT: 107 CY
FILL: 101 CY
NET: 6 CY

DISTURBED AREA:
ROAD: 17,787 SF

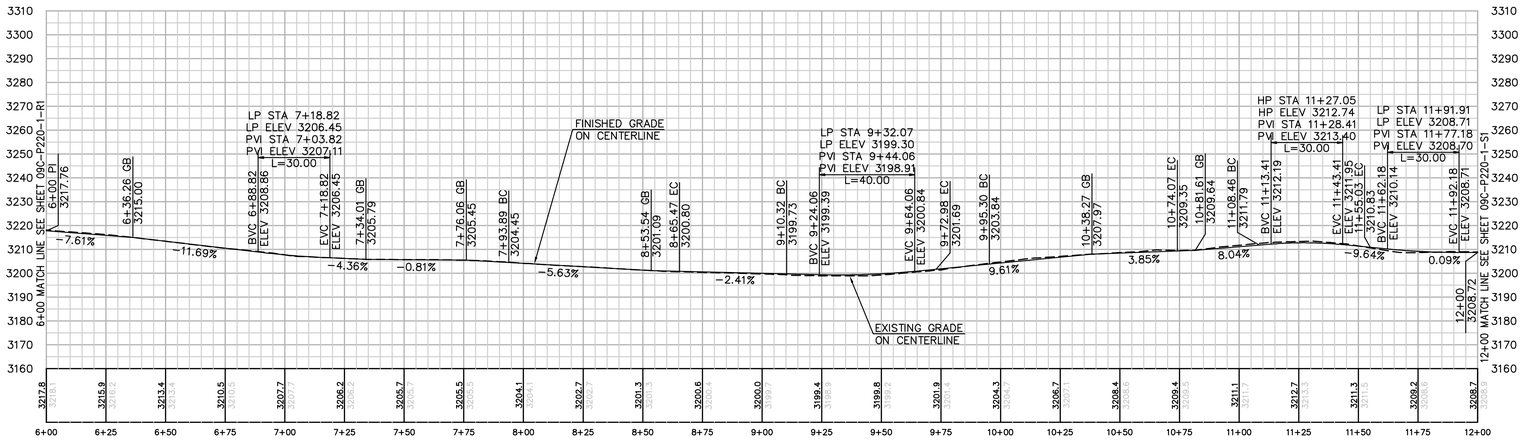
QUANTITIES
DOWNDRAIN: 4 LF
RIP RAP: 50 SF

LENGTH OF ACCESS ROAD: 600 LF

ACCESS ROAD TO TOWER P-220-1 PLAN

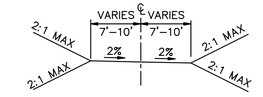
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-220-1

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 6+00.00 TO 12+00.00
NTS

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
NO. 29708
Exp.3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
ACCESS ROAD TO SITE P-220-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P220-1-R2
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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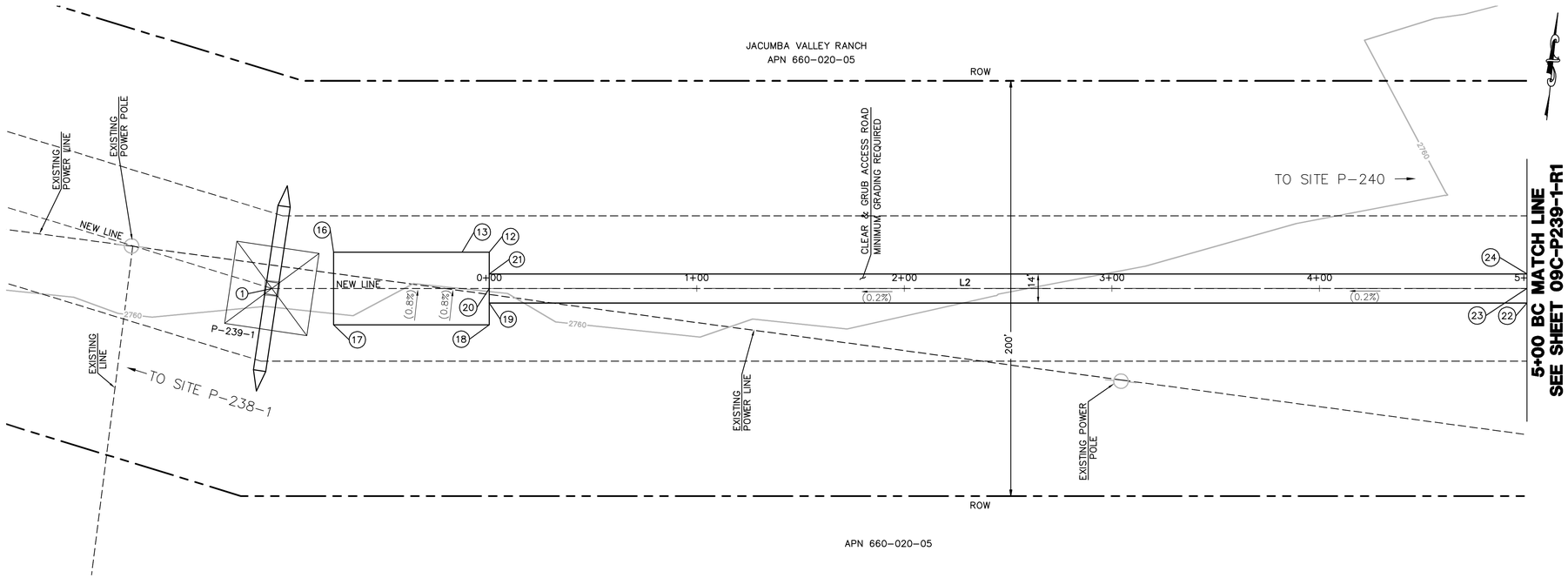


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-239-1	500 KV EXHA Lattice Angle Tower	-17.03	169.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809046.24	6583782.38	(2762.38)	P-239-1
12	1809074.56	6583884.72		EG
13	1809073.19	6583871.65		EG
16	1809066.74	6583810.12		EG
17	1809031.93	6583813.77		EG
18	1809039.75	6583888.36		EG
19	1809050.19	6583887.27		EG
20	1809057.15	6583886.54		CL
21	1809064.11	6583885.81		EG
22	1809102.27	6584384.55		EG
23	1809109.23	6584383.82		CL
24	1809116.19	6584383.09		EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L2		500.00	N84°01'20"E

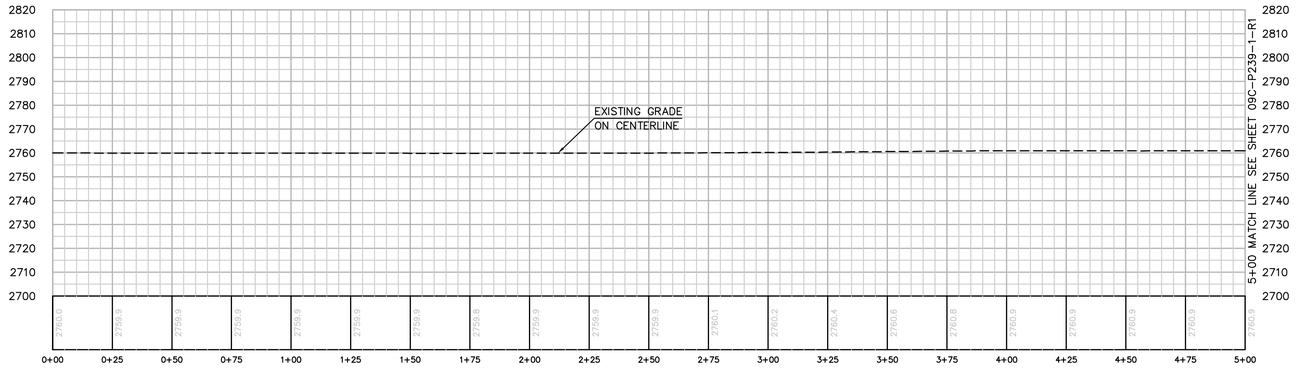
EARTH QUANTITIES:
CUT: 0 CY.
FILL: 0 CY.
NET: 0 CY.

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 7,000 SF
TOTAL: 9,625 SF

LENGTH OF ACCESS ROAD: 500 LF

TOWER P-239-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-239-1
HORIZ. & VERT. SCALE: 1" = 30'

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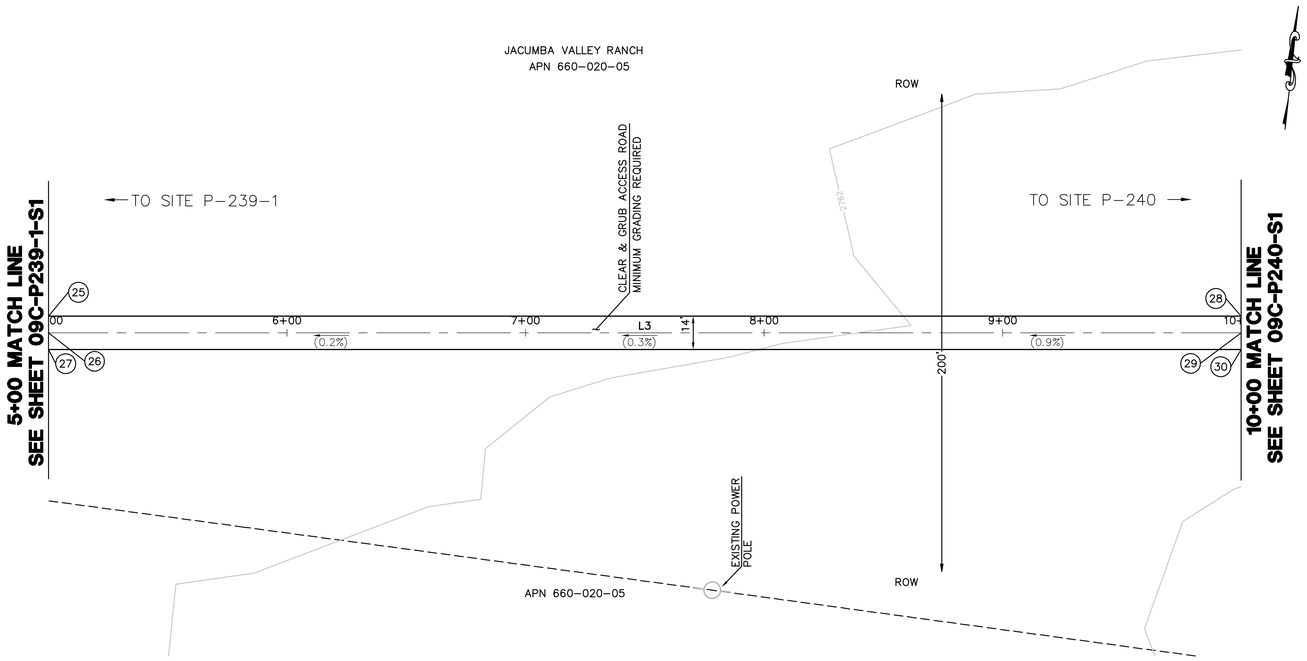
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-239-1

DRAWN BY: J.PIORKOWSKI	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				09C-P239-1-S1
CAD NO.:	PLOT SCALE: 1 = 1				



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
25	1809116.19	6584383.09		EG
26	1809109.23	6584383.82		CL
27	1809102.27	6584384.55		EG
28	1809168.28	6584880.37		EG
29	1809161.31	6584881.10		CL
30	1809154.35	6584881.83		EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L3		500.00	N84°01'20"E

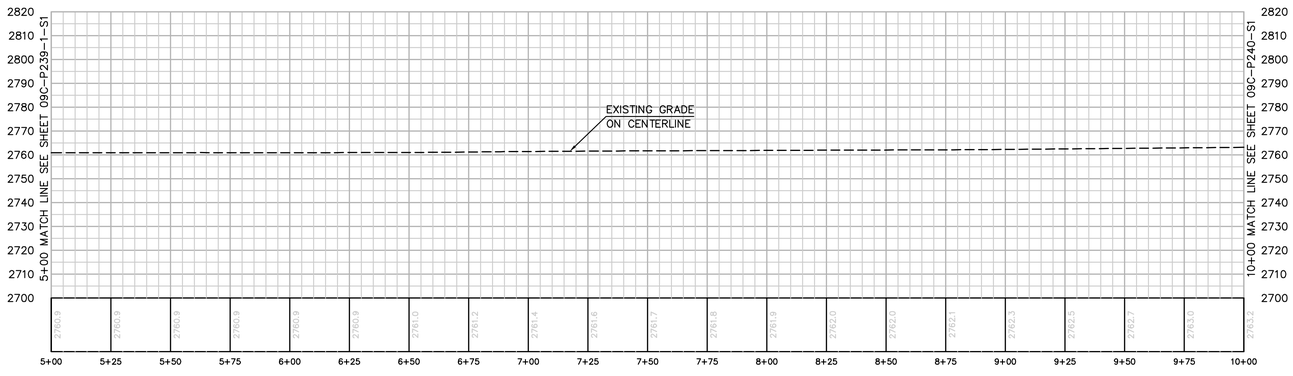
EARTH QUANTITIES:
CUT: 0 CY.
FILL: 0 CY.
NET: 0 CY.

DISTURBED AREA:
PAD: 0 SF
ROAD: 7,000 SF
TOTAL: 7,000 SF

LENGTH OF ACCESS ROAD: 500 LF

ACCESS ROAD TO TOWER P-239-1
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-239-1
HORIZ. & VERT. SCALE: 1" = 30'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P239-1-R1.dwg[May-24-2010]14:38

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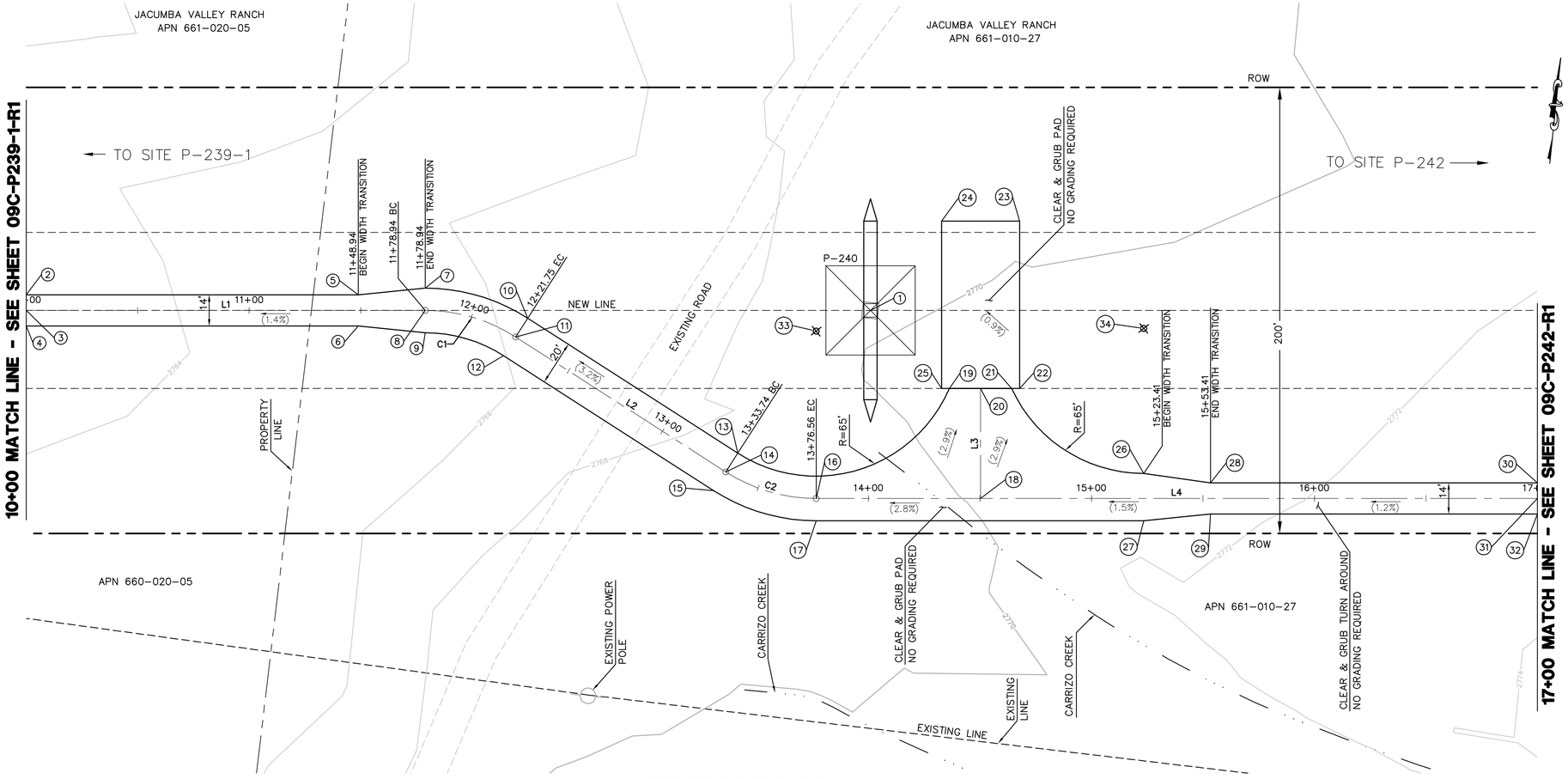
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
ACCESS ROAD TO SITE P-239-1

DRAWN BY: J.PIORKOWSKI	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P239-1-R1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-240	500 KV EXMT Lattice Tangent Tower	0.00	169.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809200.75	6585257.62	(2771.90)	P-240
2	1809168.28	6584880.37		EG
3	1809161.31	6584881.10		CL
4	1809154.35	6584881.83		EG
5	1809183.79	6585028.50		EGE
6	1809169.87	6585029.95		EG
7	1809189.90	6585058.02		BC
8	1809179.95	6585059.06		CL/BC
9	1809170.01	6585060.10		BC
10	1809181.28	6585105.11		EC
11	1809172.35	6585100.61		CL/EC
12	1809163.41	6585096.11		EC
13	1809130.91	6585205.13		BC
14	1809121.97	6585200.63		CL/BC
15	1809113.04	6585196.13		BC
16	1809114.37	6585242.18		CL/EC
17	1809104.42	6585243.22		EC
18	1809122.05	6585315.50		CL
19	1809169.62	6585296.42		EG
20	1809171.08	6585310.34		CL
21	1809172.54	6585324.26		EG
22	1809172.90	6585327.74		EG
23	1809247.49	6585319.93		EG
24	1809243.85	6585285.12		EG
25	1809169.25	6585292.93		EG
26	1809140.83	6585387.06		EG
27	1809119.72	6585389.27		EG
28	1809139.75	6585417.34		EG
29	1809125.83	6585418.80		EG
30	1809155.02	6585563.13		EG
31	1809148.06	6585563.86		CL
32	1809141.10	6585564.59		EG
33	1809188.96	6585234.36		RP
34	1809205.48	6585380.29		RP



TOWER P-240 PLAN

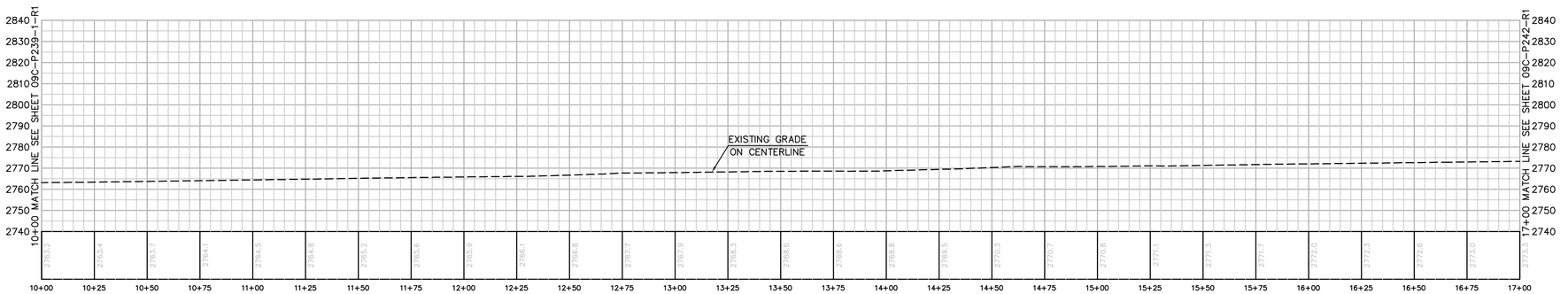
SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 0 CY.
FILL: 0 CY.
NET: 0 CY.

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 14,525 SF
TOTAL: 17,150 SF

LENGTH OF ACCESS ROAD: 749 LF

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
C1	75.00	42.82	32°42'32"
C2	75.00	42.82	32°42'31"
L1		178.94	N84°01'16"E
L2		111.99	S63°16'12"E
L3		49.30	N6°00'24"W
L4		323.44	N84°01'16"E



PROFILE: ACCESS ROAD TO TOWER P-240

HORIZ. & VERT. SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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REGISTERED PROFESSIONAL ENGINEER
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No. 29708
Exp. 3-31-11
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REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

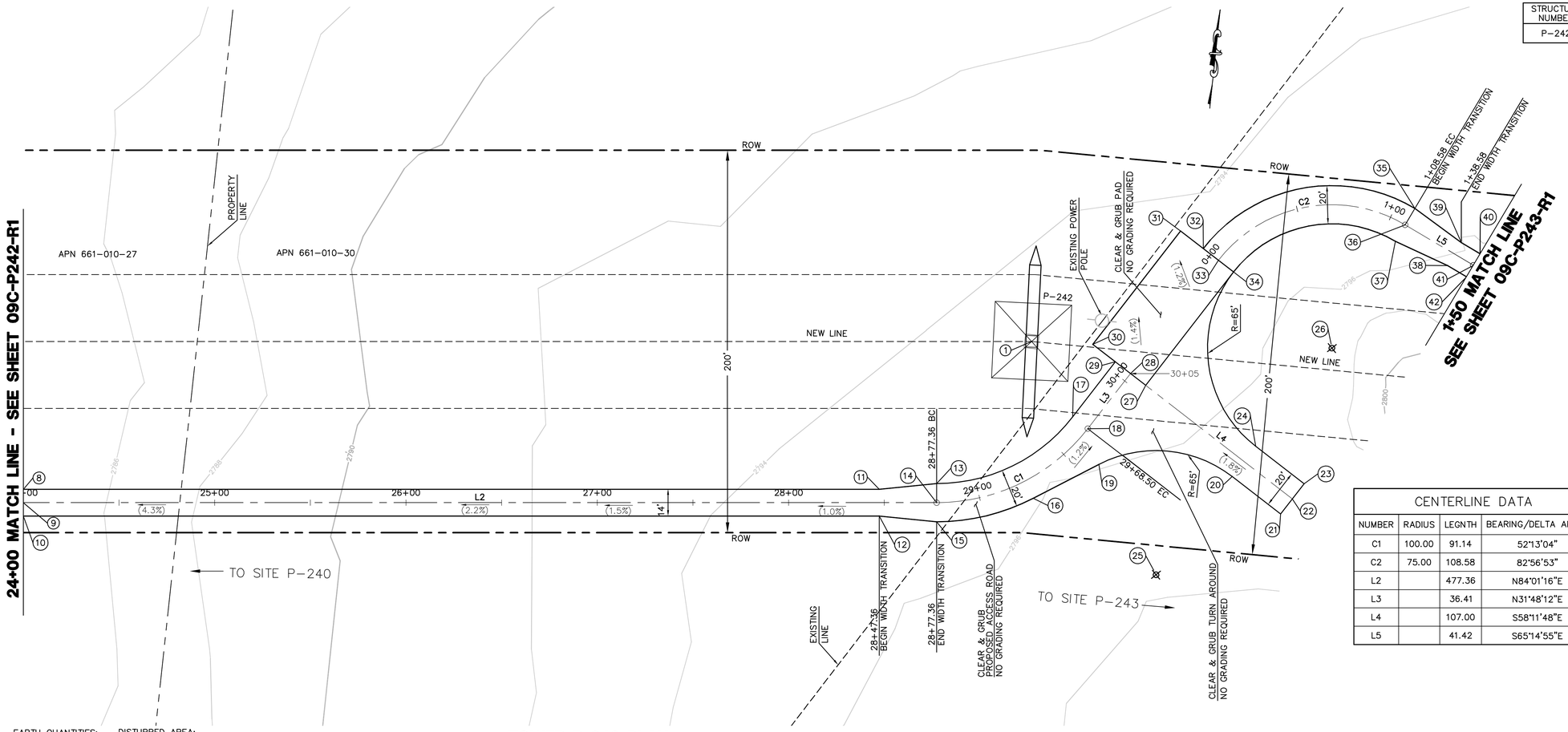
SITE P-240

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09C-P240-S1

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–242	500 KV EXLA Lattice Angle Tower	5.46	169.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809359.70	6586775.38	(2796.40)	P–242
8	1809227.93	6586259.32		EG
9	1809220.97	6586260.05		CL
10	1809214.01	6586260.78		EG
11	1809274.53	6586704.25		EG
12	1809260.61	6586705.71		EG
13	1809280.64	6586733.77		BC
14	1809270.69	6586734.82		CL/BC
15	1809260.75	6586735.86		BC
16	1809278.23	6586784.83		EC
17	1809322.72	6586800.89		EC
18	1809317.45	6586809.39		CL/EC
19	1809299.44	6586817.08		BC
20	1809300.36	6586887.04		EC
21	1809283.50	6586914.24		EG
22	1809292.00	6586919.51		CL
23	1809300.50	6586924.78		EG
24	1809317.36	6586897.58		BC
25	1809245.12	6586852.79		RP
26	1809372.60	6586931.84		RP
27	1809343.12	6586837.07		EG
28	1809348.39	6586828.57		CL
29	1809353.66	6586820.07		EG
30	1809361.56	6586807.33		EG
31	1809425.30	6586846.85		EG
32	1809417.40	6586859.60		BC
33	1809412.13	6586868.10		CL/BC
34	1809406.86	6586876.60		BC
35	1809449.79	6586967.42		EC
36	1809440.71	6586963.24		CL/EC
37	1809431.63	6586959.05		EC
38	1809421.79	6586987.55		EG
39	1809434.51	6586993.41		EG
40	1809429.71	6587003.81		EG
41	1809423.35	6587000.89		CL
42	1809417.01	6586997.92		EG



EARTH QUANTITIES:
CUT: 0 CY.
FILL: 0 CY.
NET: 0 CY.

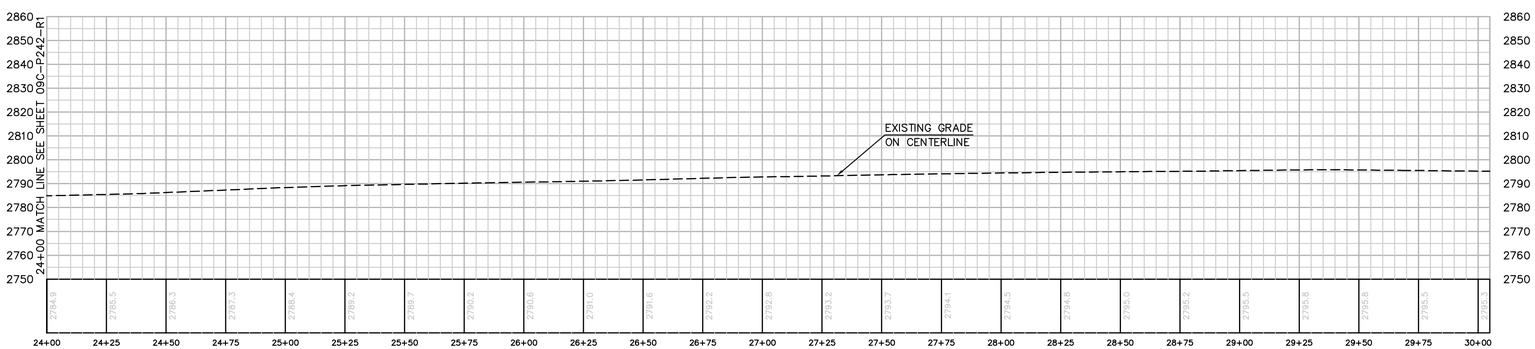
DISTURBED AREA:
PAD: 2,625 SF
ROAD: 15,269 SF
TOTAL: 17,894 SF

LENGTH OF ACCESS ROAD: 862 LF

TOWER P-242 PLAN

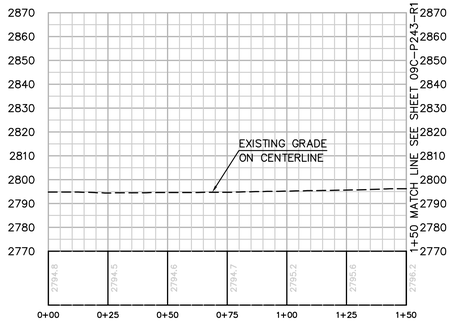
SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
C1	100.00	91.14	52°13'04"
C2	75.00	108.58	82°56'53"
L2		477.36	N84°01'16"E
L3		36.41	N31°48'12"E
L4		107.00	S58°11'48"E
L5		41.42	S65°14'55"E



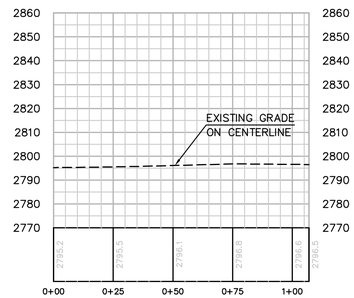
PROFILE: ACCESS ROAD TO TOWER P-242

HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-243

HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: TURNAROUND

HORIZ. & VERT. SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)

SITE P–242

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09C–P242–S1

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	1809155.02	6585563.16		EG
3	1809148.06	6585563.86		CL
4	1809141.09	6585564.56		EG
5	1809227.93	6586259.32		EG
6	1809220.97	6586260.05		CL
7	1809214.01	6586260.78		EG

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
L1		700.00	N84°01'16"E

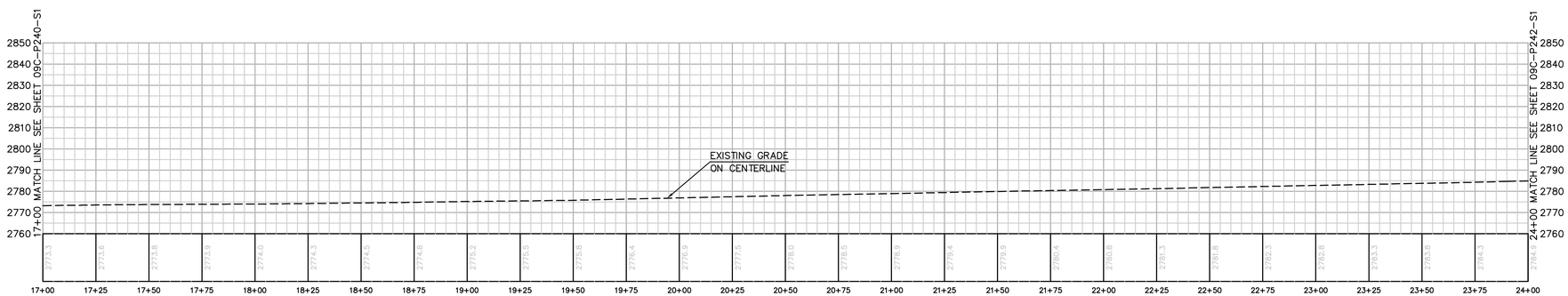
EARTH QUANTITIES:
CUT: 0 CY.
FILL: 0 CY.
NET: 0 CY.

DISTURBED AREA:
ROAD: 9,800 SF
TOTAL: 9,800 SF

LENGTH OF ACCESS ROAD: 700 LF

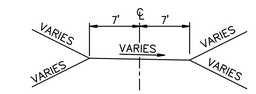
ACCESS ROAD TO TOWER P-242 PLAN

SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-242

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 17+00 TO 24+00
NTS

GRAPHIC SCALE
30 0 30 60
1"=30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-11
CIVIL
STATE OF CALIFORNIA

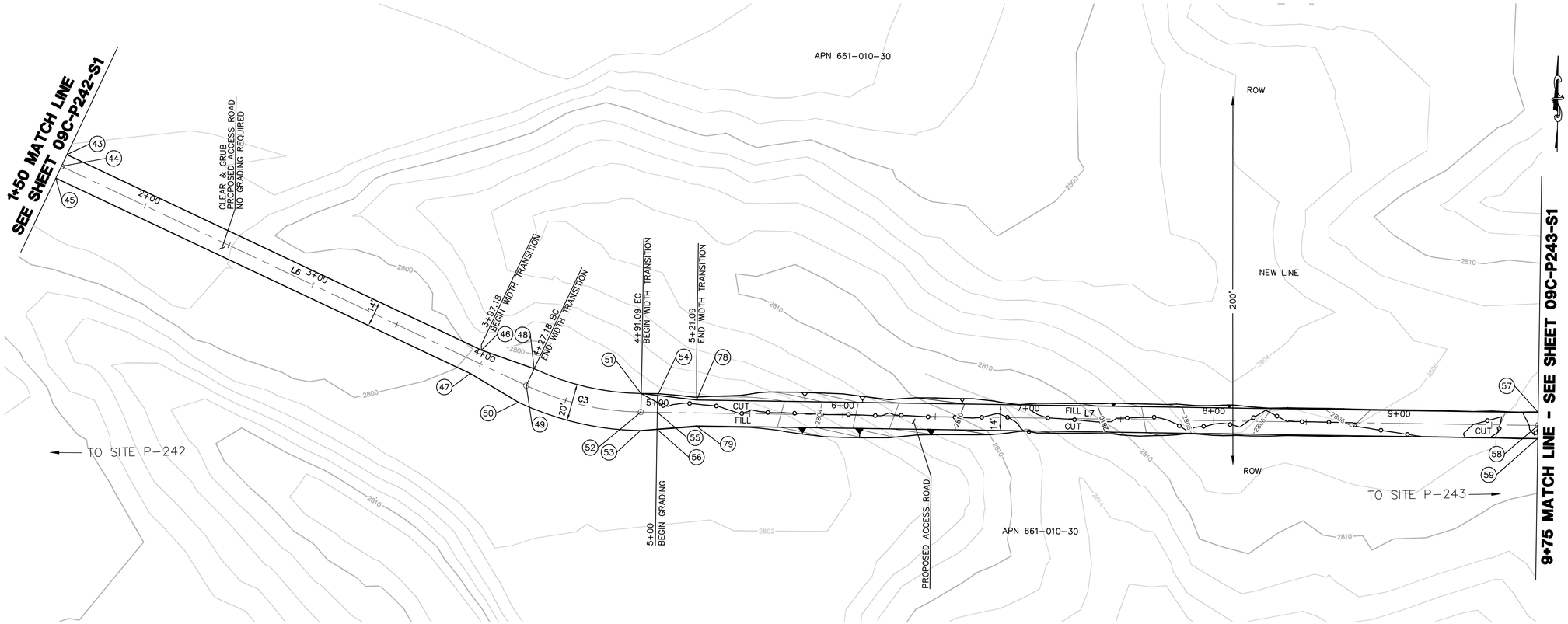
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
ACCESS ROAD TO SITE P-242

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		09C-P242-R1



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
43	1809429.71	6587003.81		EG
44	1809423.37	6587000.85		CL
45	1809417.01	6586997.92		EG
46	1809326.24	6587228.25		EG
47	1809313.52	6587222.39		EG
48	1809316.40	6587256.75		BC
49	1809307.32	6587252.57		CL/BC
50	1809298.24	6587248.38		BC
51	1809303.54	6587314.54		EC
52	1809293.54	6587314.48		CL/EC
53	1809283.54	6587314.42		EC
54	1809302.60	6587323.46		EG
55	1809293.49	6587323.40	(2801.07)	CL/EG
56	1809284.38	6587323.35		EG
57	1809297.68	6587798.43	2808.66	FG
58	1809290.68	6587798.39	2808.80	CL/FG
59	1809283.68	6587798.34	2808.94	FG
78	1809300.37	6587344.52	2800.97	FG
79	1809286.37	6587344.44	2801.25	FG

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
C3	150.00	63.91	24°24'44"
L6		277.18	S65°14'55"E
L7		483.91	S89°39'39"E

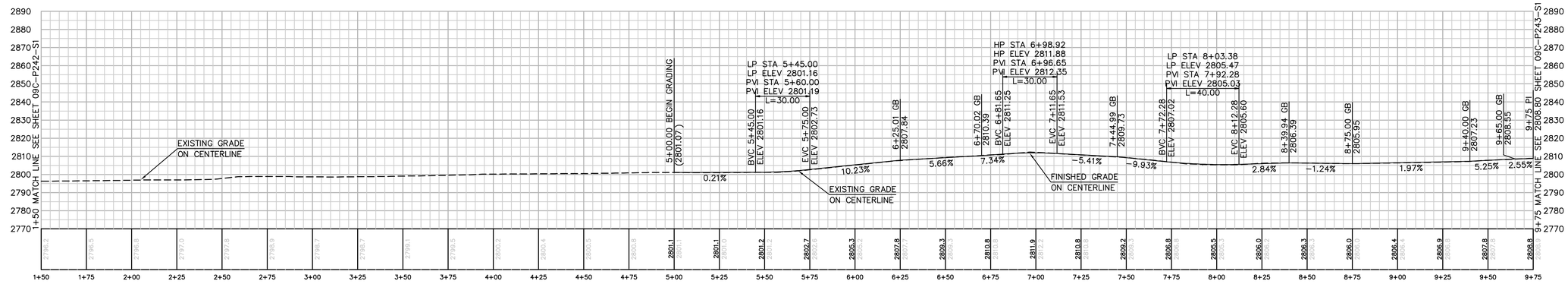
EARTH QUANTITIES:
CUT: 46 CY.
FILL: 51 CY.
NET: 5 CY.

DISTURBED AREA:
ROAD: 13,549 SF
TOTAL: 13,549 SF

LENGTH OF ACCESS ROAD: 825 LF

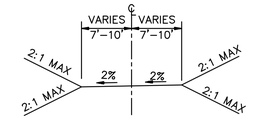
ACCESS ROAD TO TOWER P-243 PLAN

SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-243

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 5+00 TO 9+75
NTS

GRAPHIC SCALE
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1"=30'

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REVISIONS

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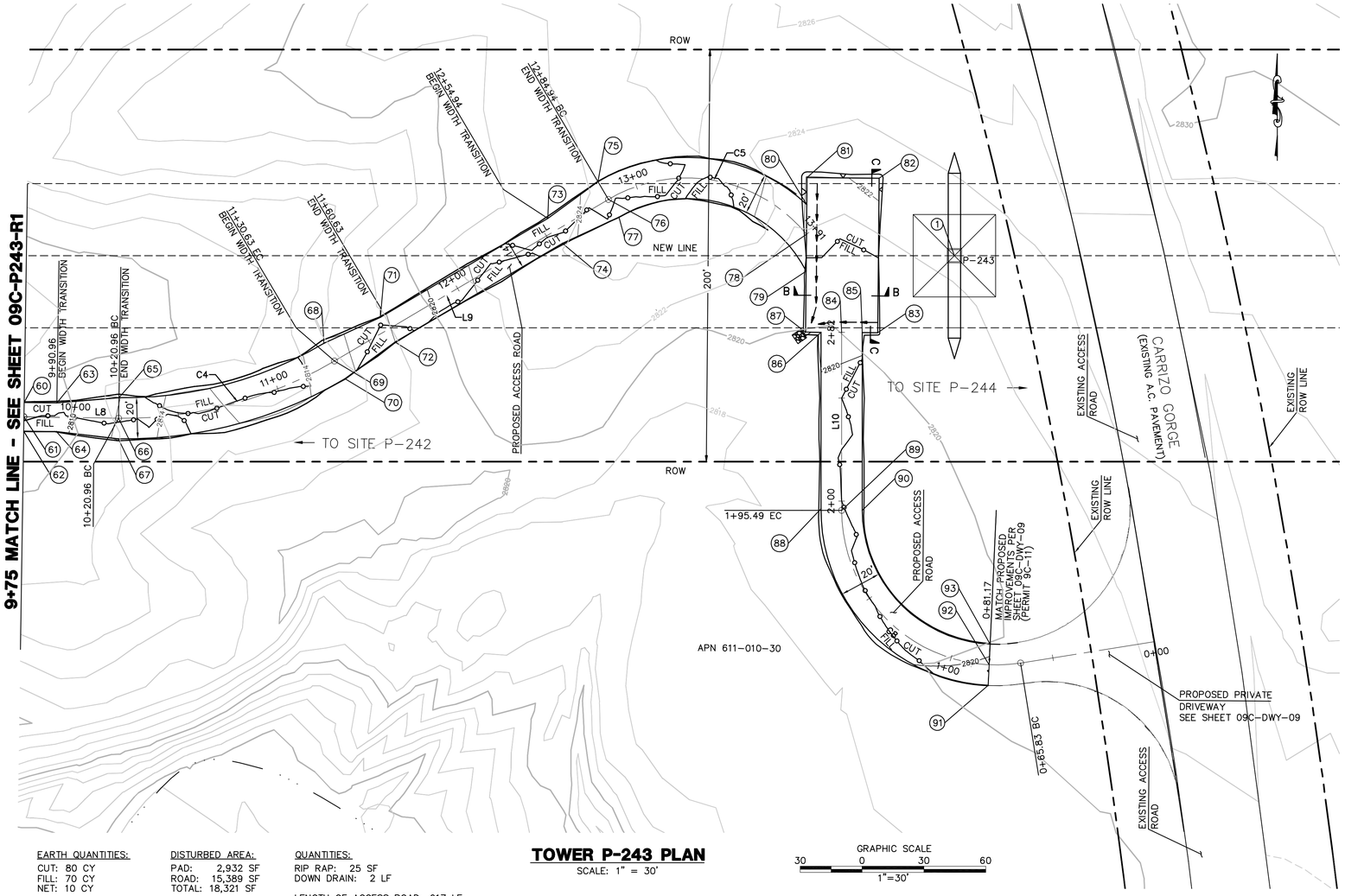
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
ACCESS ROAD TO SITE P-243

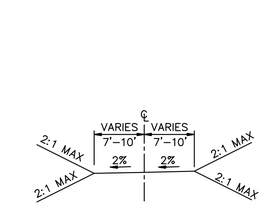
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			09C-P243-R1
CAD NO.:	PLOT SCALE: 1 = 1			



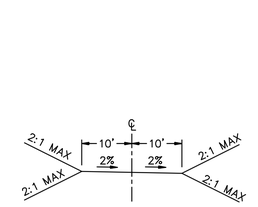
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-243	500 KV EXMT Lattice Tangent Tower	0.00	169.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809372.95	6588248.98	(2824.23)	P-243
78	1809382.68	6588177.15	2821.31	CL/FG
79	1809364.84	6588177.15	2821.02	FG
80	1809397.13	6588177.15	2821.54	FG
81	1809410.20	6588177.15	2821.75	FG
82	1809410.20	6588212.15	2822.18	FG
83	1809335.20	6588212.15	2820.97	FG
84	1809335.20	6588194.65	2820.76	CL/FG
85	1809335.20	6588204.65	2820.88	FG
86	1809335.20	6588184.65	2820.64	FG
87	1809335.20	6588177.15	2820.55	FG
88	1809249.53	6588185.42	2819.08	BC/FG
89	1809248.86	6588195.43	2818.89	CL/BC
90	1809248.95	6588205.43	2818.69	BC/FG
91	1809164.59	6588267.23	2820.28	FG
92	1809174.59	6588267.61	2820.08	CL/FG
93	1809184.58	6588267.98	2819.88	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
60	1809297.68	6587798.43	2808.66	FG
61	1809290.68	6587798.39	2808.80	CL/FG
62	1809283.68	6587798.34	2808.94	FG
63	1809297.58	6587814.39	2809.14	FG
64	1809283.58	6587814.31	2809.42	FG
65	1809300.41	6587844.41	2811.94	BC
66	1809290.41	6587844.35	2812.14	CL/BC
67	1809280.41	6587844.29	2812.34	BC
68	1809327.67	6587943.61	2815.06	EC
69	1809319.11	6587948.77	2815.26	CL/EC
70	1809310.54	6587953.93	2815.46	EC
71	1809340.59	6587970.85	2817.72	FG
72	1809328.60	6587978.08	2818.00	FG
73	1809389.27	6588051.63	2823.47	FG
74	1809377.28	6588058.86	2823.75	FG
75	1809407.33	6588075.78	2824.28	BC
76	1809398.76	6588080.94	2824.48	CL/BC
77	1809390.20	6588086.10	2824.68	BC

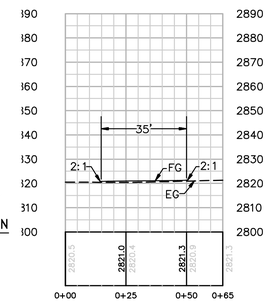


TYPICAL ACCESS ROAD CROSS SECTION TO P-243
STA 9+75 TO 13+91.14

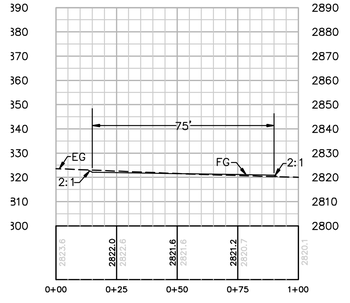


TYPICAL ACCESS ROAD CROSS SECTION
STA 0+81.17 TO 2+81.84

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
C4	200.00	109.66	31°24'56"
C5	75.00	106.20	81°07'42"
L8		45.96	S89°39'39"E
L9		154.32	N58°55'25"E
C8	75.00	114.32'	87°20'03"
L10		86.34	N0°30'54"W



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 80 CY
FILL: 70 CY
NET: 10 CY

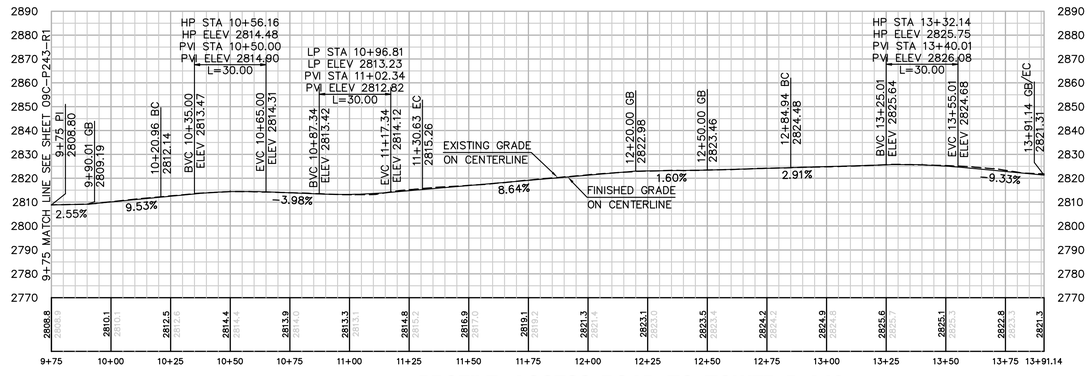
DISTURBED AREA:
PAD: 2,932 SF
ROAD: 15,389 SF
TOTAL: 18,321 SF

QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 2 LF

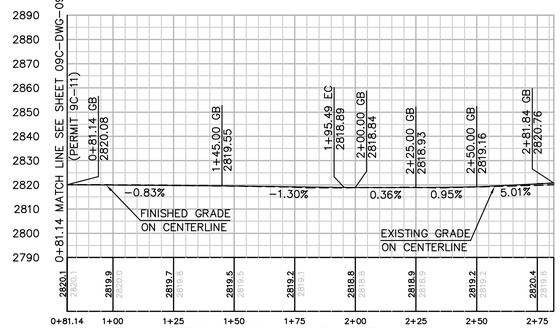
LENGTH OF ACCESS ROAD: 617 LF

TOWER P-243 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-243
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD
HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH NO. 29708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA
SPL-9C (LINK 1)
SITE P-243

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P243-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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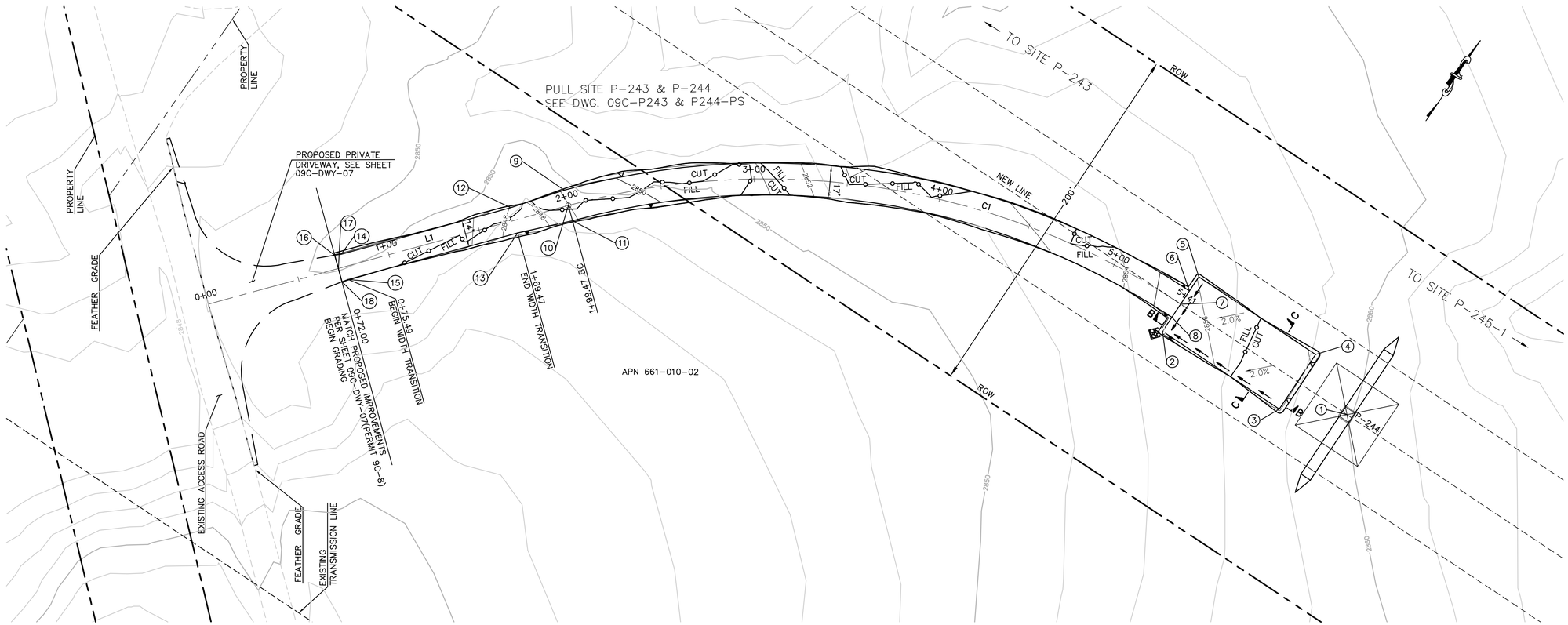
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-244	500 KV EXMT Lattice Tangent Tower	0.00	169.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809385.69	6589666.31	(2860.19)	P-244
2	1809367.23	6589559.67	2855.53	FG
3	1809367.90	6589634.66	2856.58	FG
4	1809402.90	6589634.35	2857.07	FG
5	1809402.23	6589559.35	2856.02	FG
6	1809393.23	6589559.43	2855.89	EC
7	1809384.73	6589559.55	2855.78	CL/EC
8	1809376.23	6589559.58	2855.66	EC
9	1809250.17	6589252.62	2849.14	BC
10	1809244.65	6589259.09	2848.97	CL/BC
11	1809239.13	6589265.55	2848.80	BC
12	1809226.39	6589234.27	2847.97	FG
13	1809217.30	6589244.91	2847.69	FG
14	1809154.95	6589173.20	2849.75	FG
15	1809145.85	6589183.85	2849.47	FG
16	1809152.53	6589170.67	2849.78	FG
17	1809147.75	6589176.26	2849.62	CL/FG
18	1809142.98	6589181.85	2849.49	FG



EARTH QUANTITIES:
CUT: 46 CY.
FILL: 80 CY.
NET: 34 CY.

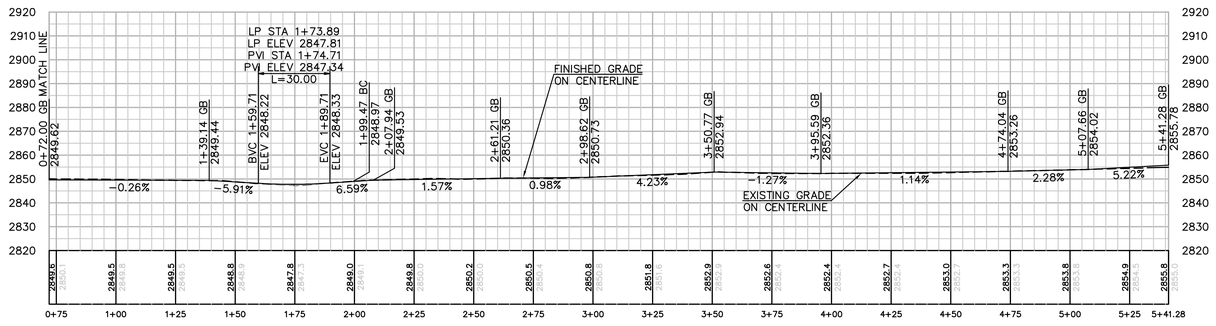
DISTURBED AREA:
PAD: 2,930 SF
ROAD: 7,999 SF
TOTAL: 10,929 SF

QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 3 LF

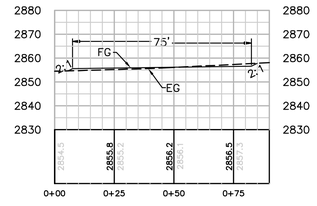
LENGTH OF ACCESS ROAD: 469 LF

TOWER P-244 PLAN
SCALE: 1" = 30'

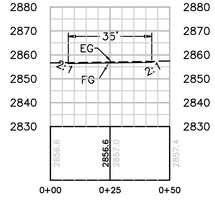
GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-244
HORIZ. & VERT. SCALE: 1" = 30'

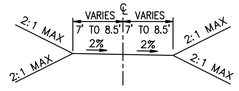


SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
L1		127.47	N40°31'26"E
C1	400.00	341.81	48°57'40"



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+72 TO 5+41.28

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
NO. 29708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-244

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P244-S1
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APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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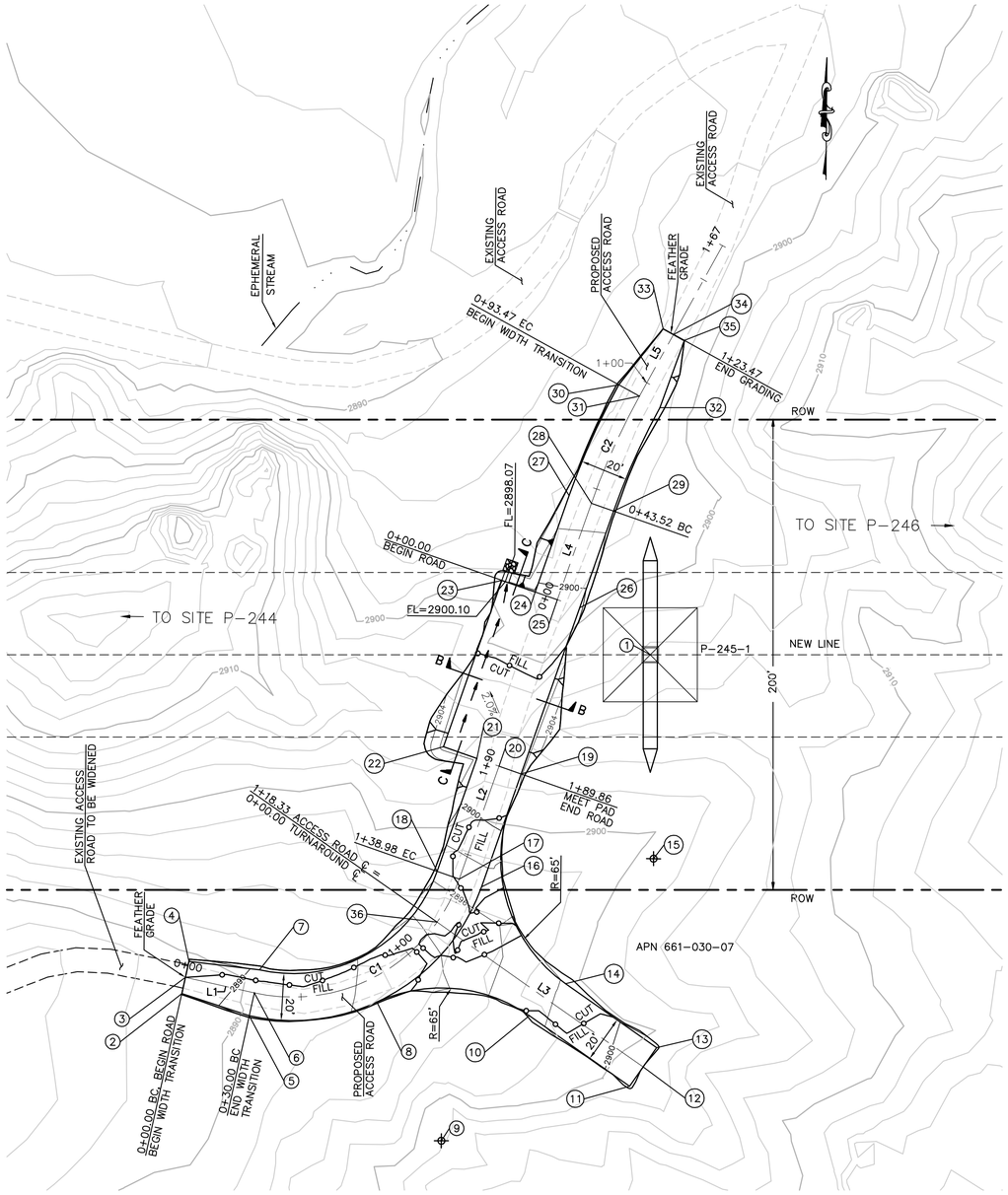


TOWER P-245-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

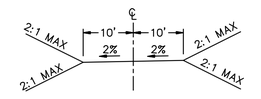
EARTH QUANTITIES:
CUT: 205 CY.
FILL: 173 CY.
NET: 32 CY.

DISTURBED AREA:
PAD: 3,500 SF
ROAD: 9,601 SF
TOTAL: 13,101 SF

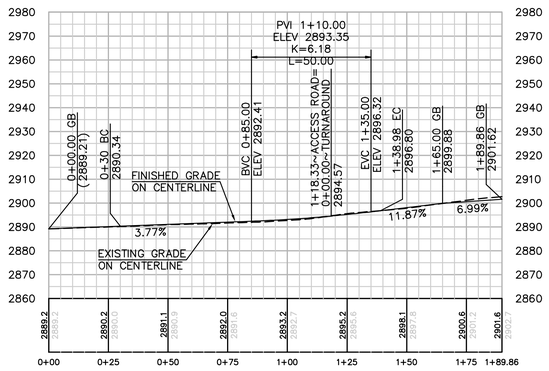
QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 4 LF

LENGTH OF ACCESS RD: 410 LF

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-245-1	500 KV EXMT Lattice Tangent Tower	0.00	169.50

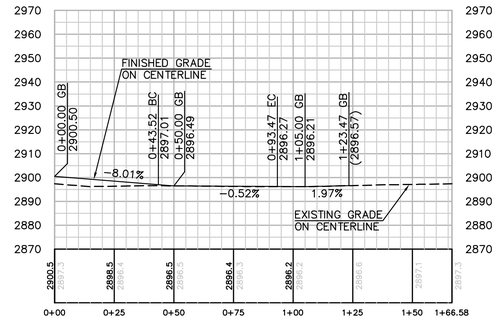


TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 1+89.86
& STA 0+00 TO 1+23.47
NTS



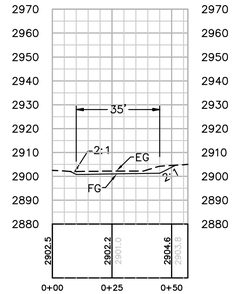
PROFILE: ACCESS ROAD TO TOWER P-245-1

HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-245-1

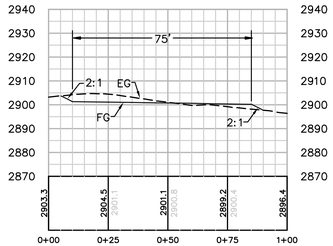
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
L1		30.00	S77°54'43"E
C1	75.00	108.98	83°15'28"
L2		50.88	N18°49'49"E
L3		107.00	S55°23'32"E
L4		43.52	N18°49'49"E
C2	300.00	49.95	9°32'21"
L5		73.11	N28°22'10"E

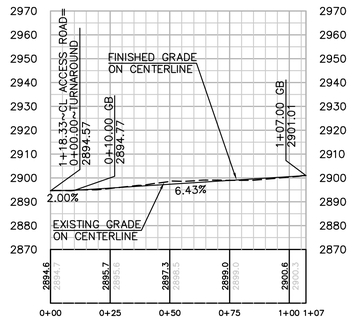


SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809399.11	6591159.66	(2904.89)	P-245-1
2	1809253.23	6590961.89	(2889.35)	EG
3	1809260.08	6590963.36	(2889.21)	CL/EG
4	1809266.92	6590964.83	(2889.07)	EG
5	1809244.02	6590990.60	2890.54	BC
6	1809253.80	6590992.70	2890.34	CL/BC
7	1809263.57	6590994.79	2890.14	BC
8	1809250.35	6591044.85	2892.38	BC
9	1809191.62	6591072.72		RP
10	1809245.12	6591109.64	2897.49	EC
11	1809215.53	6591152.52	2900.81	FG
12	1809223.77	6591158.20	2901.01	CL/FG
13	1809232.00	6591163.88	2901.21	FG
14	1809258.87	6591124.93	2898.19	BC
15	1809312.37	6591161.85		RP
16	1809299.70	6591088.85	2897.00	EC
17	1809302.93	6591079.39	2896.80	CL/EC
18	1809306.15	6591069.92	2896.60	EC

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
19	1809347.85	6591105.27	2901.76	FG
20	1809351.08	6591095.81	2901.62	CL/FG
21	1809354.31	6591086.34	2901.48	FG
22	1809359.15	6591072.15	2901.28	FG
23	1809430.14	6591096.35	2900.15	FG
24	1809425.29	6591110.55	2900.36	FG
25	1809422.08	6591120.02	2900.50	CL/FG
26	1809418.84	6591129.48	2900.63	FG
27	1809466.50	6591124.60	2896.81	BC
28	1809463.27	6591134.07	2897.01	CL/BC
29	1809460.04	6591143.53	2897.21	BC
30	1809513.74	6591145.24	2896.07	EC
31	1809508.99	6591154.04	2896.27	CL/EC
32	1809504.23	6591162.84	2896.47	EC
33	1809537.73	6591163.95	(2896.57)	EG
34	1809535.38	6591168.29	(2896.57)	CL/EG
35	1809532.89	6591172.91	(2896.57)	EG
36	1809284.54	6591070.13	2894.57	CL/INT



PROFILE: TURNAROUND

HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-245-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P245-1-S1
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CAD NO.:	PLOT SCALE: 1 = 1				

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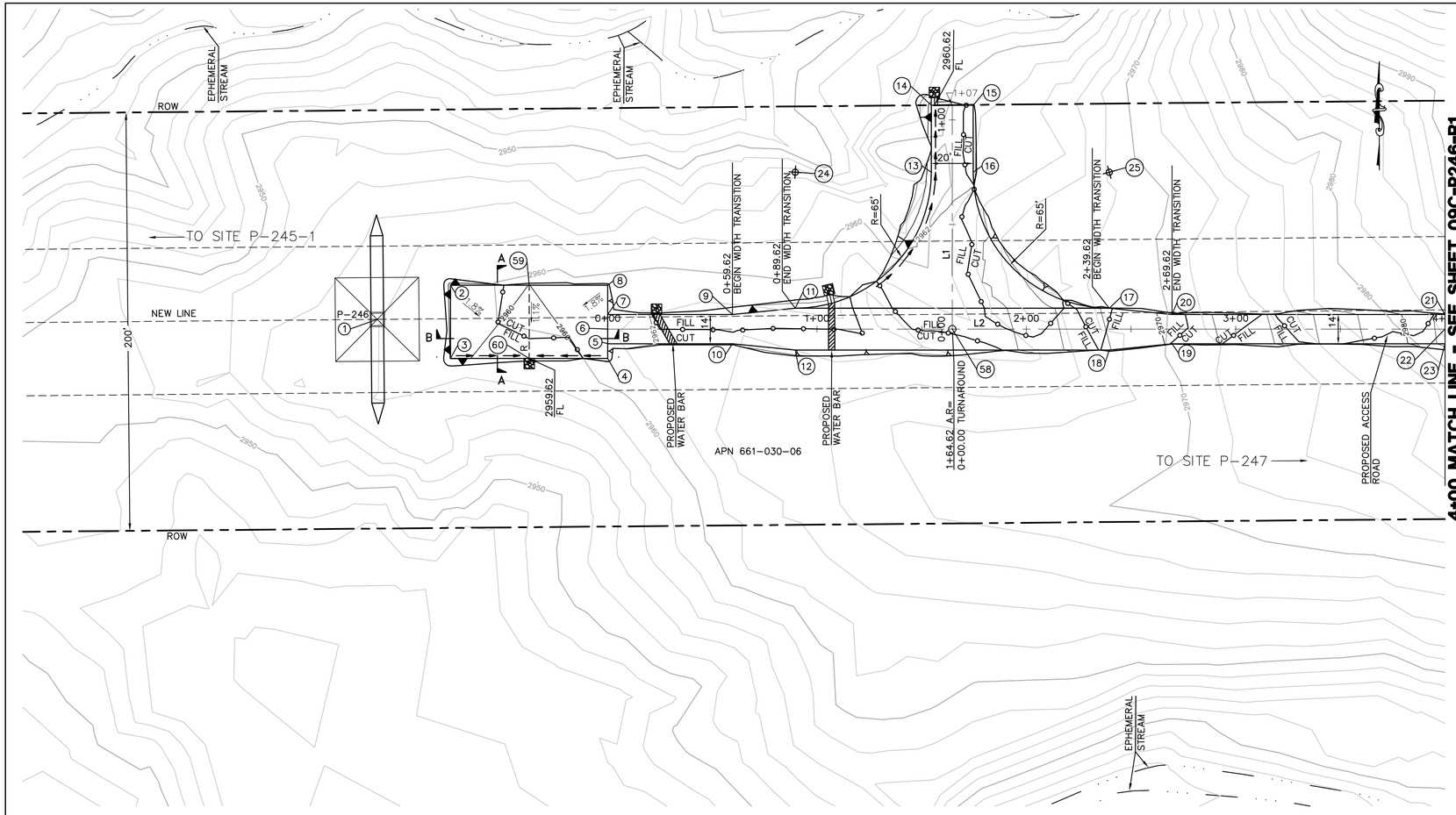
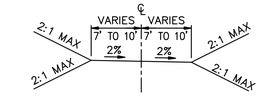


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-246	500 KV EXMT Lattice Tangent Tower	0.00	151.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		107.00	N0°00'00"E
L2		400.00	N90°00'00"E

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809411.95	6592588.28	(2958.35)	P-246
2	1809428.31	6592623.29	2960.53	FG
3	1809393.31	6592623.29	2960.13	FG
4	1809393.31	6592698.29	2960.18	FG
5	1809400.29	6592698.29	2960.25	FG
6	1809407.29	6592698.34	2960.32	CL/FG
7	1809414.29	6592698.29	2960.38	FG
8	1809428.31	6592698.29	2960.53	FG
9	1809414.29	6592757.91	2963.88	FG
10	1809400.29	6592757.91	2963.60	FG
11	1809417.29	6592787.91	2963.19	BC
12	1809397.29	6592787.91	2962.83	FG
13	1809482.29	6592852.91	2961.39	EC
14	1809514.29	6592852.91	2960.72	FG
15	1809514.29	6592872.91	2961.12	FG
16	1809482.29	6592872.91	2961.79	FG
17	1809417.29	6592937.91	2968.35	EC
18	1809397.29	6592937.91	2967.92	BC
19	1809400.29	6592967.91	2970.27	FG
20	1809414.29	6592967.91	2970.55	FG
21	1809414.29	6593098.27	2982.90	FG
22	1809407.29	6593098.29	2982.76	CL/FG
23	1809400.29	6593098.27	2982.62	FG
24	1809482.29	6592787.91		RP
25	1809482.29	6592937.91		RP
58	1809407.29	6592862.91	2962.96	CL/FG
59	1809428.31	6592660.79	2959.99	FG
60	1809393.31	6592660.79	2959.62	FG



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 4+00.00
NTS

TOWER P-246 PLAN
SCALE: 1" = 30'

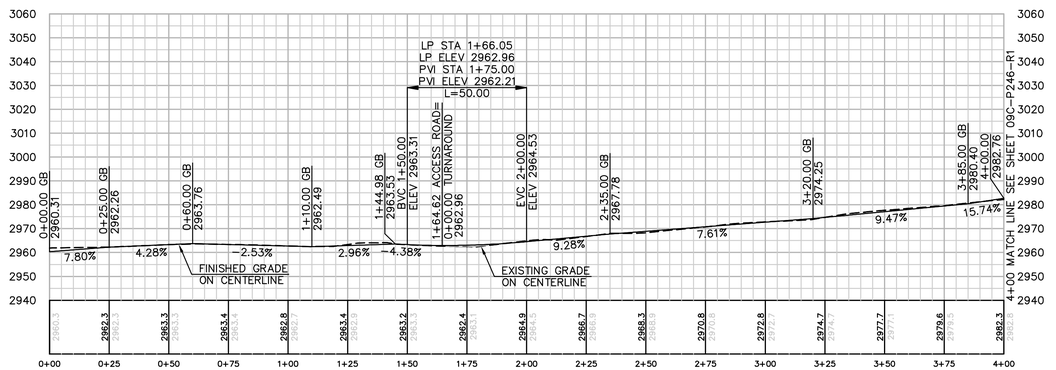
GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 147 CY.
FILL: 222 CY.
NET: 75 CY.

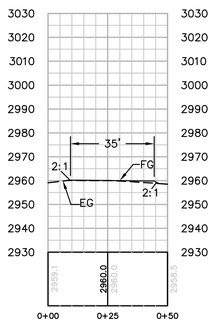
DISTURBED AREA:
PAD: 2,977 SF
ROAD: 12,217 SF
TOTAL: 15,194 SF

QUANTITIES:
RIPRAP: 100 SF
DOWNDRAIN: 9 LF

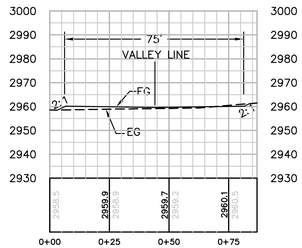
LENGTH OF ACCESS ROAD: 507 LF



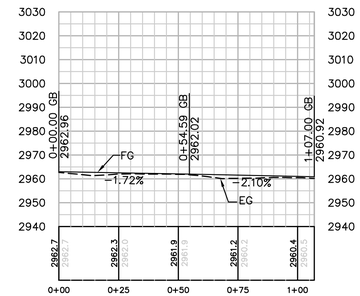
PROFILE: ACCESS ROAD TO TOWER P-246
HORIZ. & VERT. SCALE: 1" = 30'



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: TURNAROUND
HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REE 29708 — Exp.3-31-17 — CIVIL — STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-246

DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		09C-P246-S1

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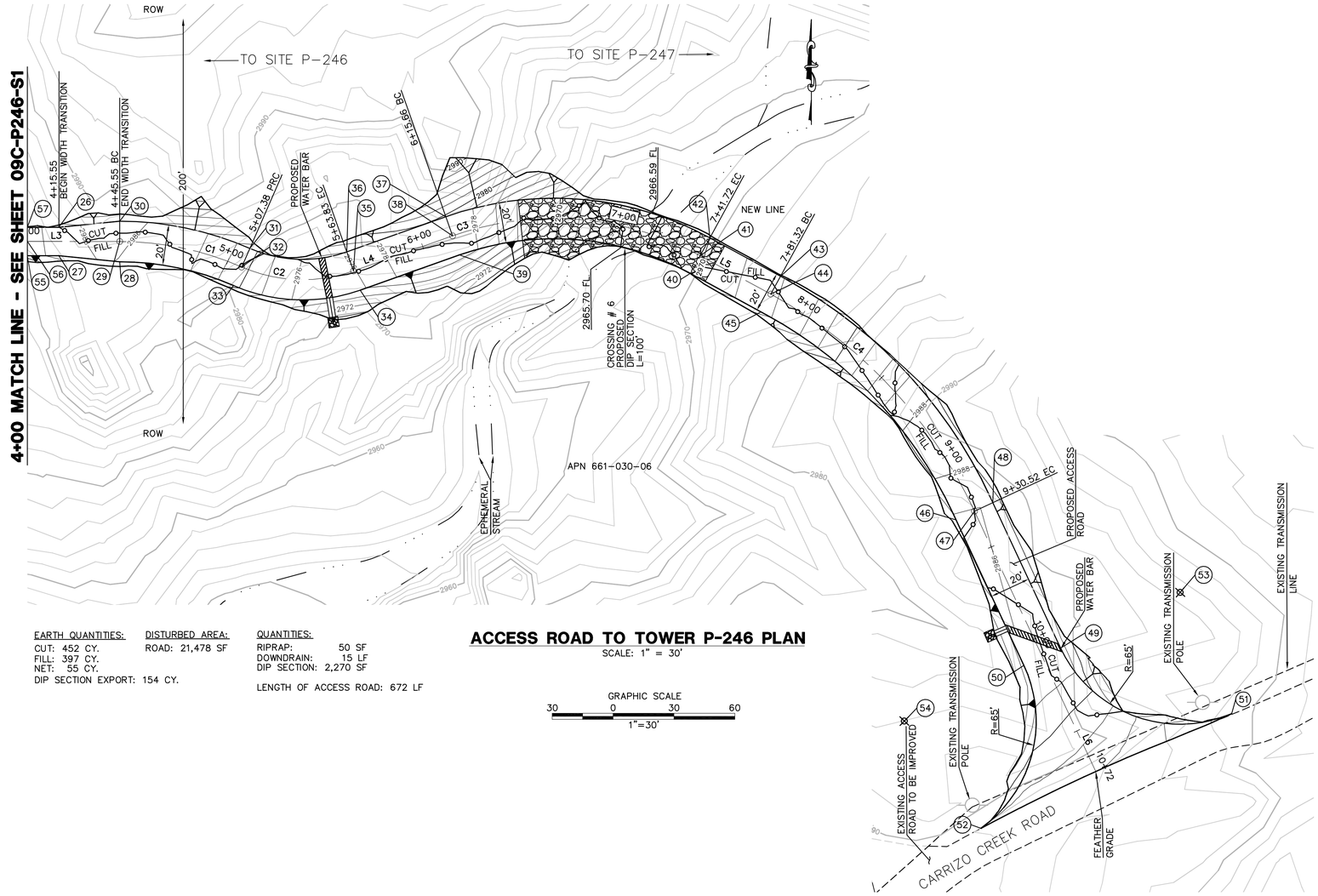


ACCESS ROAD TO TOWER P-246 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE

30 0 30 60

1"=30'

EARTH QUANTITIES:
CUT: 452 CY.
FILL: 397 CY.
NET: 55 CY.
DIP SECTION EXPORT: 154 CY.

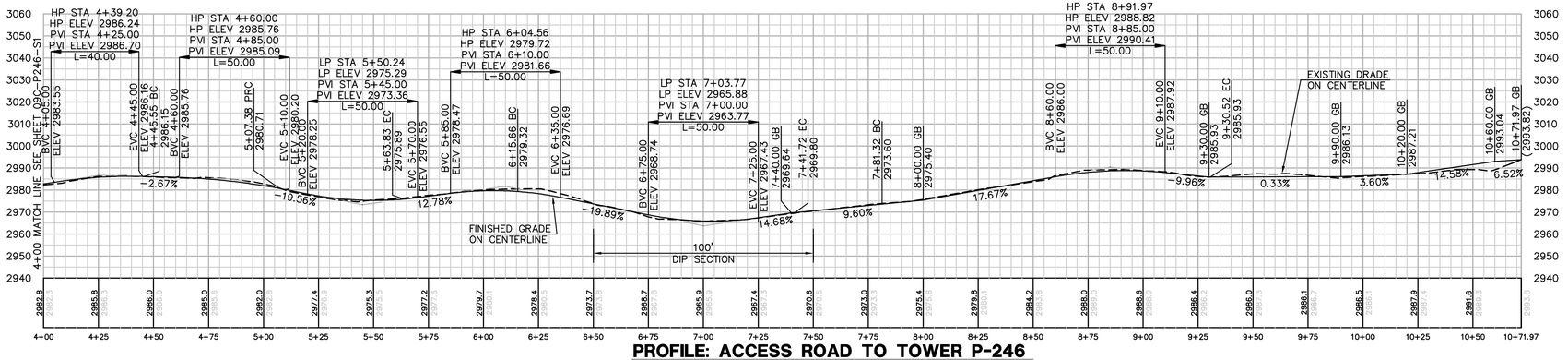
DISTURBED AREA:
ROAD: 21,478 SF

QUANTITIES:
RIPRAP: 50 SF
DOWNDRAIN: 15 LF
DIP SECTION: 2,270 SF

LENGTH OF ACCESS ROAD: 672 LF

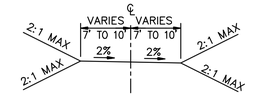
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
26	1809414.29	6593113.84	2985.09	FG
27	1809400.29	6593113.84	2984.81	FG
28	1809397.29	6593143.84	2985.95	BC
29	1809407.29	6593143.84	2986.15	CL/FG
30	1809417.29	6593143.84	2986.35	BC
31	1809403.89	6593207.94	2980.91	PRC
32	1809394.73	6593203.94	2980.71	CL/PRC
33	1809385.56	6593199.93	2980.51	PRC
34	1809383.32	6593262.37	2975.69	EC
35	1809392.75	6593259.03	2975.89	CL/EC
36	1809402.18	6593255.69	2976.09	EC
37	1809419.48	6593304.54	2979.52	BC
38	1809410.06	6593307.88	2979.32	CL/BC
39	1809400.63	6593311.22	2979.12	BC
40	1809391.54	6593425.08	2969.60	EC
41	1809400.31	6593429.88	2969.80	CL/EC
42	1809409.10	6593434.65	2970.00	EC
43	1809390.11	6593469.43	2973.80	BC
44	1809381.33	6593464.63	2973.60	CL/BC
45	1809372.55	6593459.84	2973.40	BC
46	1809270.11	6593555.94	2985.73	EC
47	1809274.33	6593565.00	2985.93	CL/EC
48	1809278.56	6593574.07	2986.13	EC
49	1809206.91	6593607.45	2987.03	BC
50	1809198.40	6593589.35	2986.63	BC
51	1809174.51	6593691.73	(2998.92)	EC
52	1809118.09	6593568.26	(2992.10)	EC
53	1809234.36	6593666.37		RP
54	1809170.95	6593530.43		RP
55	1809400.29	6593098.27	2982.62	FG
56	1809407.29	6593098.29	2982.76	FG
57	1809414.29	6593098.27	2982.90	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L3		45.50	N90°00'00"E
C1	150.00	61.83	23°37'01"
C2	75.00	56.45	43°07'33"
L4		51.83	N70°29'28"E
C3	150.00	126.06	48°09'05"
L5		39.60	S61°21'27"E
C4	235.00	149.20	36°22'35"
L6		141.45	S24°58'51"E



PROFILE: ACCESS ROAD TO TOWER P-246

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 4+00.00 TO 10+71.97
NTS

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P246-R1.dwg[May-24-201014:52

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
REG. NO. 29708
Exp.3-31-17
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STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

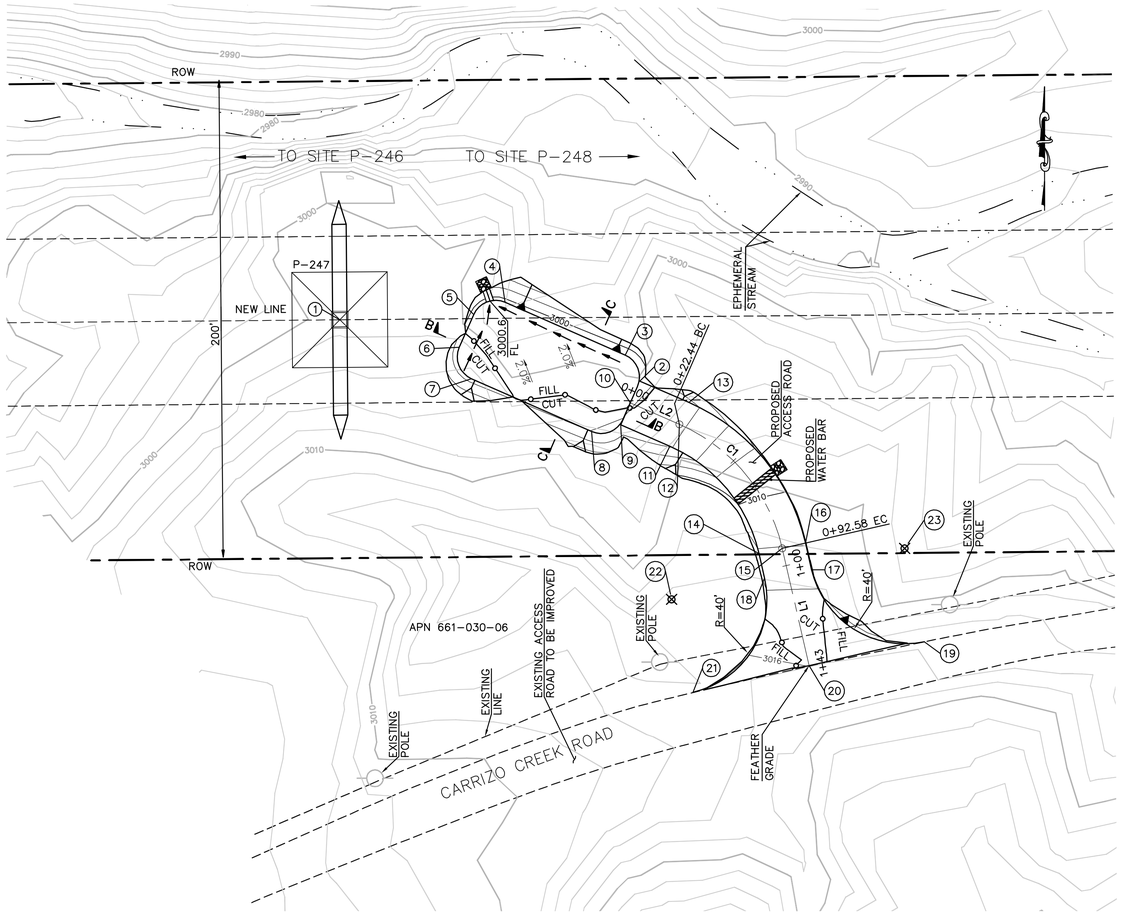
SPL-9C (LINK 1)
ACCESS ROAD TO SITE P-246

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P246-R1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-247	500 KV EXMT Lattice Tangent Tower	0.00	169.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA
L2		22.44	S66°28'10"E
C1	75.00	70.14	53°35'00"
L1		50.51	S12°53'10"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809422.66	6593780.05	(3001.46)	P-247
2	1809396.96	6593905.79	3001.68	FG
3	1809407.84	6593899.68	3001.52	FG
4	1809429.97	6593849.33	3000.75	FG
5	1809424.84	6593836.15	3000.75	FG
6	1809411.11	6593830.12	3000.96	FG
7	1809397.93	6593835.25	3001.24	FG
8	1809375.80	6593885.60	3002.01	FG
9	1809378.62	6593897.80	3002.08	FG
10	1809387.79	6593901.79	3001.88	CL/FG
11	1809369.67	6593918.37	3003.81	BC
12	1809378.83	6593922.37	3003.61	CL/BC
13	1809388.00	6593926.36	3003.41	BC
14	1809324.57	6593955.79	3012.28	EC
15	1809326.80	6593965.54	3012.08	CL/EC
16	1809329.03	6593975.28	3011.88	EC
17	1809317.84	6593977.84	3013.13	BC
18	1809314.33	6593958.13	3013.43	BC
19	1809287.63	6594025.12	(3015.84)	EG
20	1809277.56	6593976.80	(3015.98)	EG
21	1809266.42	6593928.07	(3015.64)	EG
22	1809305.41	6593919.14		RP
23	1809326.76	6594016.83		RP



TOWER P-247 PLAN
SCALE: 1" = 30'

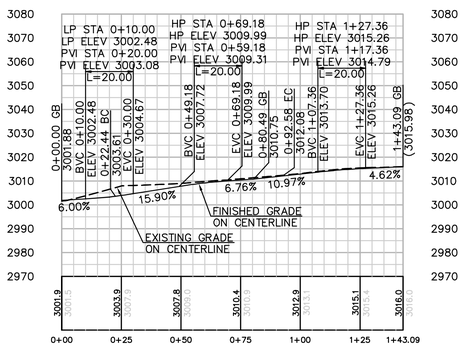
GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 184 CY.
FILL: 186 CY.
NET: 2 CY.

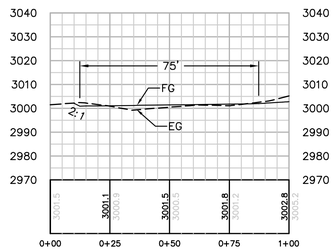
DISTURBED AREA:
PAD: 3,749 SF
ROAD: 4,117 SF
TOTAL: 7,866 SF

QUANTITIES:
RIPRAP: 50 SF
DOWNDRAIN 5 LF

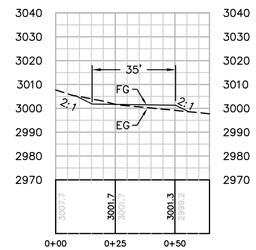
LENGTH OF ACCESS ROAD: 143 LF



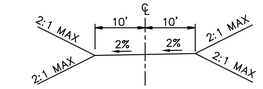
PROFILE: ACCESS ROAD TO TOWER P-247
SCALE: 1" = 30'



SECTION B-B
SCALE: 1" = 30'



SECTION C-C
SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+43.00
NTS

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P247-S1.dwg[Moy-24-201015:01

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REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 29708 Exp.3-31-17 CIVIL STATE OF CALIFORNIA

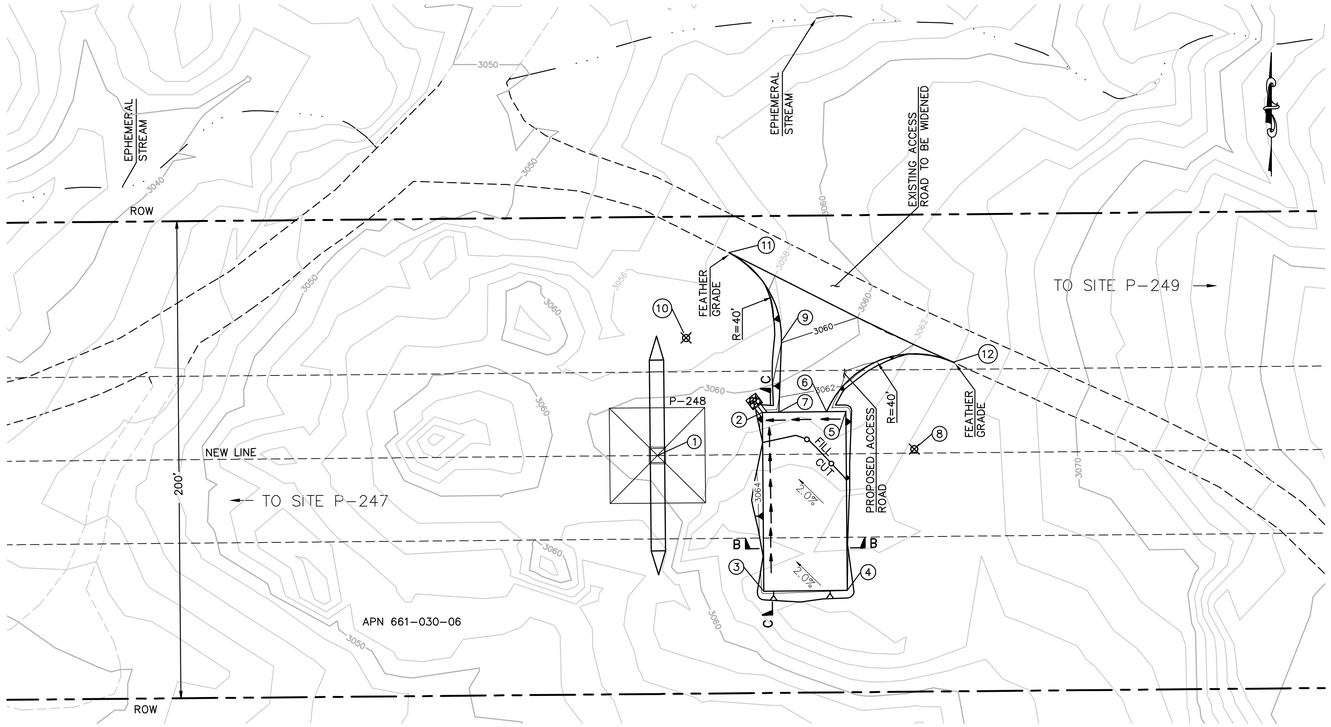
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-247

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P247-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-248	500 KV EXMT Lattice Tangent Tower	0.00	166.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809434.73	6595123.95	(3061.16)	P-248
2	1809452.83	6595167.90	3062.44	FG
3	1809377.83	6595168.57	3063.49	FG
4	1809378.15	6595203.57	3063.98	FG
5	1809453.14	6595202.89	3062.93	FG
6	1809453.07	6595194.84	3062.82	BC
7	1809452.89	6595174.84	3062.54	FG
8	1809437.39	6595231.64		RP
9	1809482.57	6595175.91	3059.95	BC
10	1809484.01	6595135.94		RP
11	1809519.74	6595153.92	(3056.49)	EG
12	1809473.88	6595248.04	(3063.93)	EG

EARTH QUANTITIES:
CUT: 87 CY.
FILL: 73 CY.
NET: 14 CY.

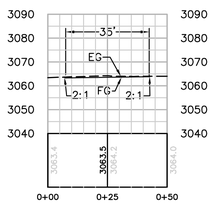
DISTURBED AREA:
PAD: 3,079 SF
ROAD: 2,022 SF
TOTAL: 5,101 SF

QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 3 LF

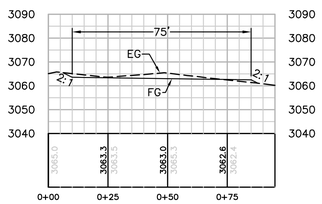
LENGTH OF ACCESS ROAD: 43 LF

TOWER P-248 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
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Exp. 3-31-17
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STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-248

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P248-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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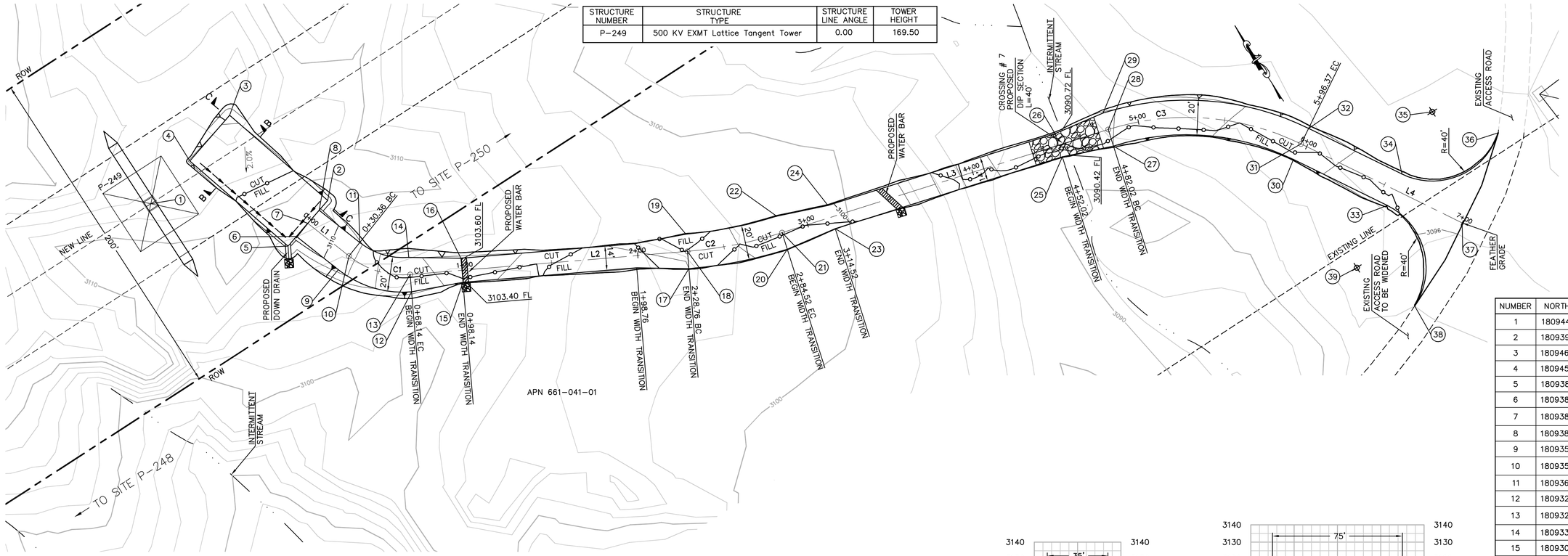
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-249	500 KV EXMT Lattice Tangent Tower	0.00	169.50



CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	DELTA/BEARING
L1		30.36	S19°03'51"E
C1	50.00	37.78	43°17'37"
L2		160.62	S62°21'27"E
C2	250.00	55.75	12°46'40"
L3		197.51	S75°08'07"E
C3	150.00	114.34	43°40'32"
L4		103.63	S31°27'36"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809444.51	6596211.57	(3113.59)	P-249
2	1809391.38	6596298.82	3111.05	FG
3	1809463.25	6596277.39	3112.10	FG
4	1809453.25	6596243.85	3111.61	FG
5	1809381.38	6596265.28	3110.56	FG
6	1809383.52	6596272.46	3110.66	FG
7	1809386.38	6596282.05	3110.80	CL/FG
8	1809389.24	6596291.65	3110.95	FG
9	1809354.42	6596282.52	3108.74	BC
10	1809357.68	6596291.97	3108.54	CL/BC
11	1809360.95	6596301.42	3108.34	BC
12	1809320.86	6596311.39	3104.62	EC
13	1809329.72	6596316.03	3104.42	CL/EC
14	1809338.58	6596320.67	3104.22	EC
15	1809309.60	6596339.36	3103.64	FG
16	1809322.00	6596345.85	3103.36	FG
17	1809246.34	6596453.68	3104.00	BC
18	1809255.20	6596458.32	3103.80	CL/BC
19	1809264.06	6596462.96	3103.60	BC
20	1809225.37	6596507.61	3101.59	EC
21	1809235.03	6596510.17	3101.39	CL/EC
22	1809244.70	6596512.74	3101.19	EC
23	1809220.57	6596537.37	3100.45	FG
24	1809234.10	6596540.97	3100.17	FG
25	1809185.29	6596670.28	3090.42	FG
26	1809198.82	6596673.87	3090.70	FG
27	1809174.70	6596698.51	3092.01	BC
28	1809184.36	6596701.07	3091.81	CL/BC
29	1809194.03	6596703.64	3091.61	BC
30	1809112.45	6596782.01	3095.40	EC
31	1809117.67	6596790.54	3095.20	CL/EC
32	1809122.89	6596799.07	3095.00	EC
33	1809060.92	6596813.54	3096.88	BC
34	1809071.79	6596830.34	3096.50	BC
35	1809092.66	6596864.46		RP
36	1809062.03	6596890.18	(3096.96)	EG
37	1809029.27	6596844.63	(3096.22)	EG
38	1809003.52	6596795.71	(3094.00)	EG
39	1809040.05	6596779.42		RP

EARTH QUANTITIES:
CUT: 197 CY.
FILL: 223 CY.
NET: 26 CY.
DIP SECTION EXPORT: 42 CY

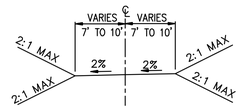
DISTURBED AREA:
PAD: 3,232 SF
ROAD: 15,185 SF
TOTAL: 1,8417 SF

QUANTITIES:
RIP RAP: 75 SF
DOWN DRAIN: 7 LF
DIP SECTION: 618 SF

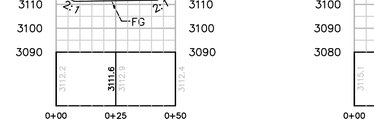
LENGTH OF ACCESS ROAD: 700 LF

TOWER P-249 PLAN
SCALE: 1" = 30'

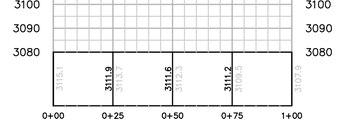
GRAPHIC SCALE
30 0 30 60
1"=30'



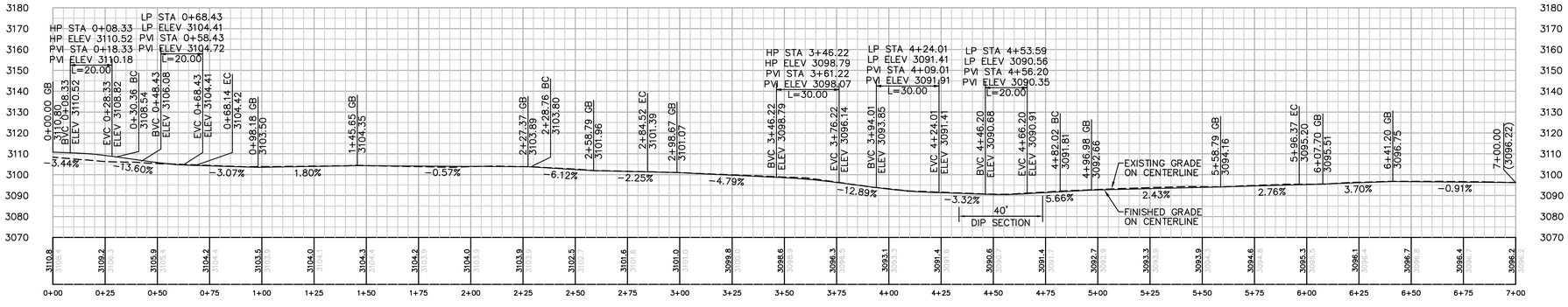
TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 7+00
NTS



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-249
HORIZ. & VERT. SCALE: 1" = 30'

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Exp.3-31-17
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STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-249

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

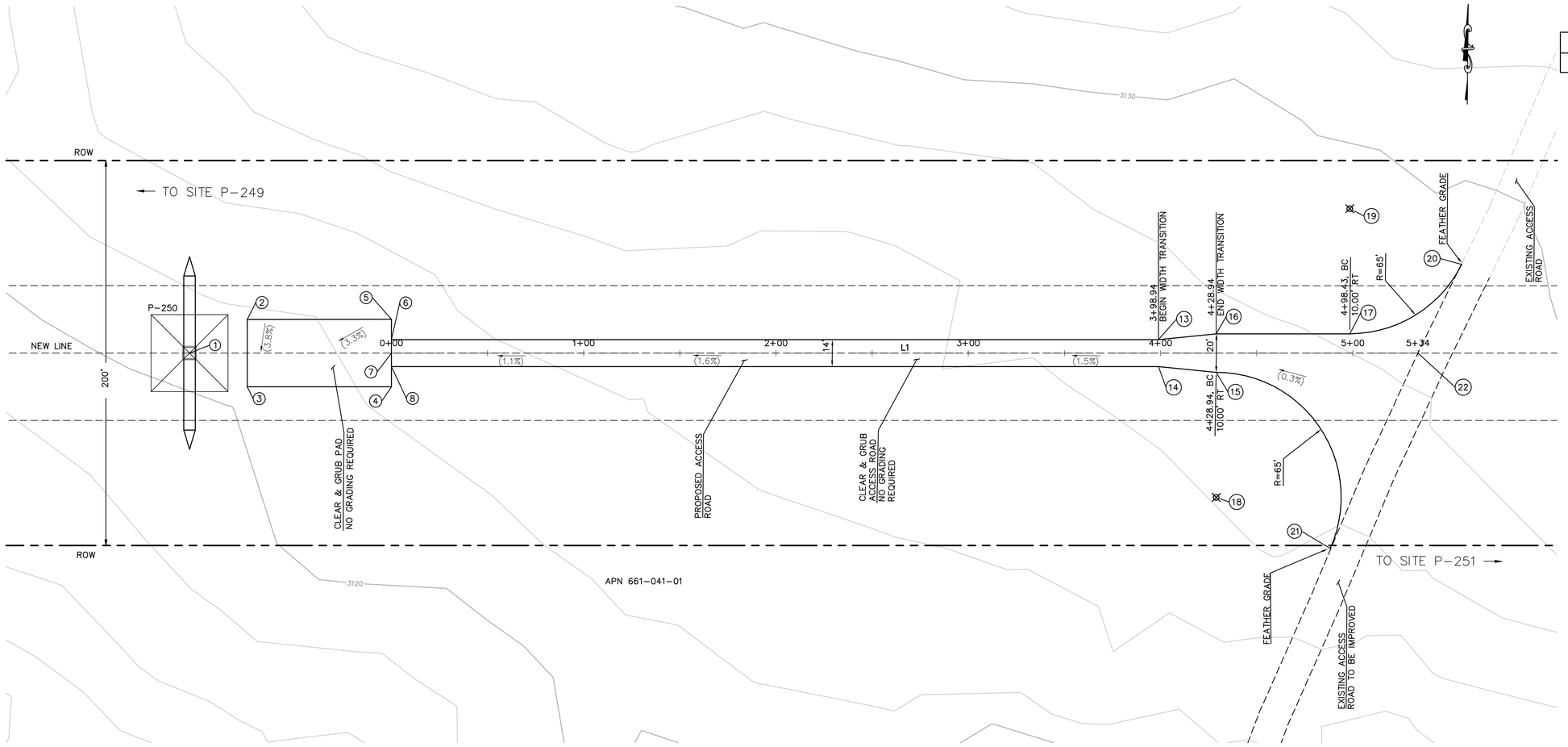
09C-P249-S1

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P249-S1.dwg[1May-24-2010]1501

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–250	500 KV EXMT Lattice Tangent Tower	0.00	166.5

NUMBER	RADIUS	LENGTH	BEARING/DELTA
L1		533.90	N89°29'06"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809458.45	6597762.31	(3121.21)	P250
2	1809476.21	6597792.14		EG
3	1809441.22	6597792.46		EG
4	1809441.89	6597867.45		EG
5	1809476.89	6597867.14		EG
6	1809466.39	6597867.23		EG
7	1809459.39	6597867.30		CL/EG
8	1809452.39	6597867.36		EG
13	1809469.97	6598266.16		EG
14	1809455.97	6598266.28		EG
15	1809453.24	6598296.31		BC/EG
16	1809473.24	6598296.13		EG
17	1809473.87	6598365.62		BC/EG
18	1809388.25	6598296.89		RP
19	1809538.87	6598365.03		RP
20	1809510.45	6598423.49		EC/EG
21	1809362.23	6598356.46		EC/EG
22	1809464.19	6598401.18		CL/EG



EARTH QUANTITIES:
CUT: 0 CY.
FILL: 0 CY.
NET: 0 CY.

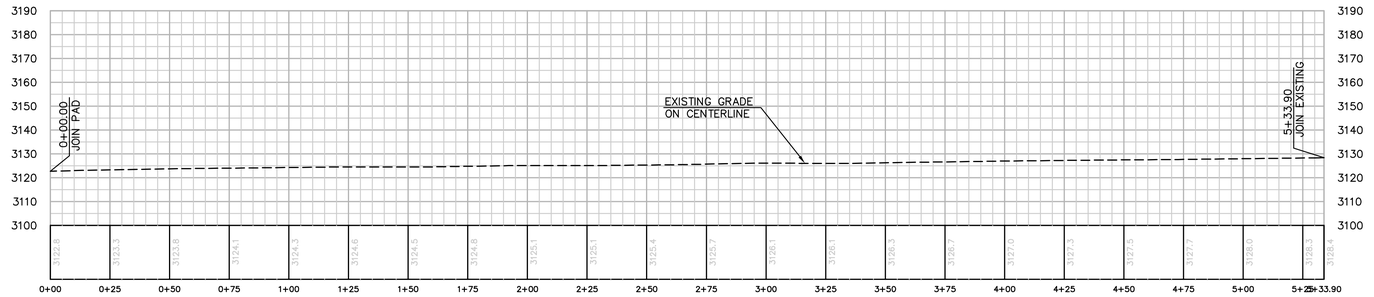
DISTURBED AREA:
PAD: 2,625 SF
ROAD: 11,166 SF
TOTAL: 13,791 SF

LENGTH OF ACCESS ROAD: 534 LF

TOWER P-250 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-250

HORIZ. & VERT. SCALE: 1" = 30'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P250-S1.dwg CMay-24-20101511

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STATE OF CALIFORNIA

REVISIONS

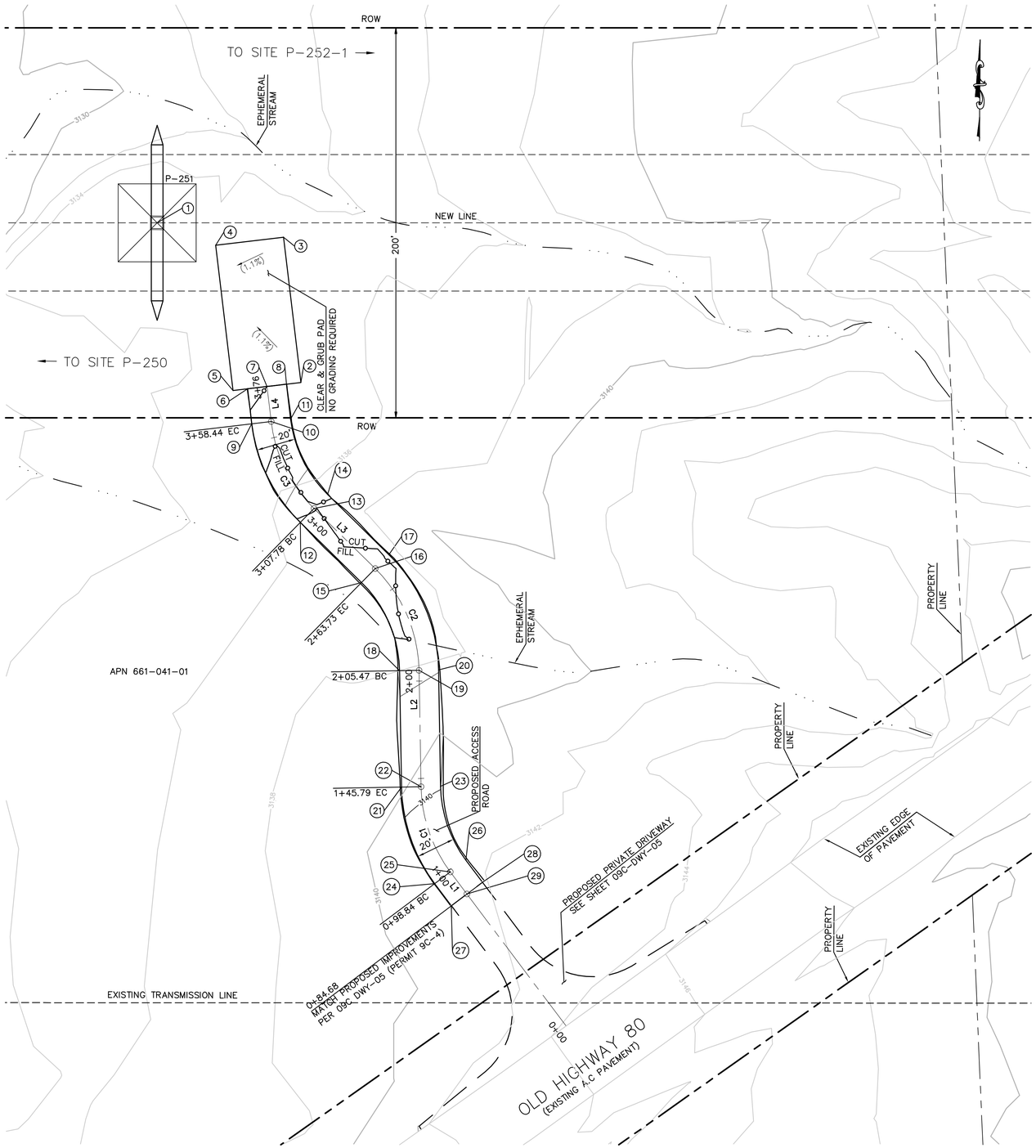
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)

SITE P–250

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C–P250–S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



EARTH QUANTITIES:

CUT:	57 CY
FILL:	8 CY
NET:	49 CY

DISTURBED AREA:

PAD:	2,625 SF
ROAD:	6,858 SF
TOTAL:	9,483 SF

LENGTH OF ACCESS ROAD: 291 LF

TOWER P-251 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE

30 0 30 60

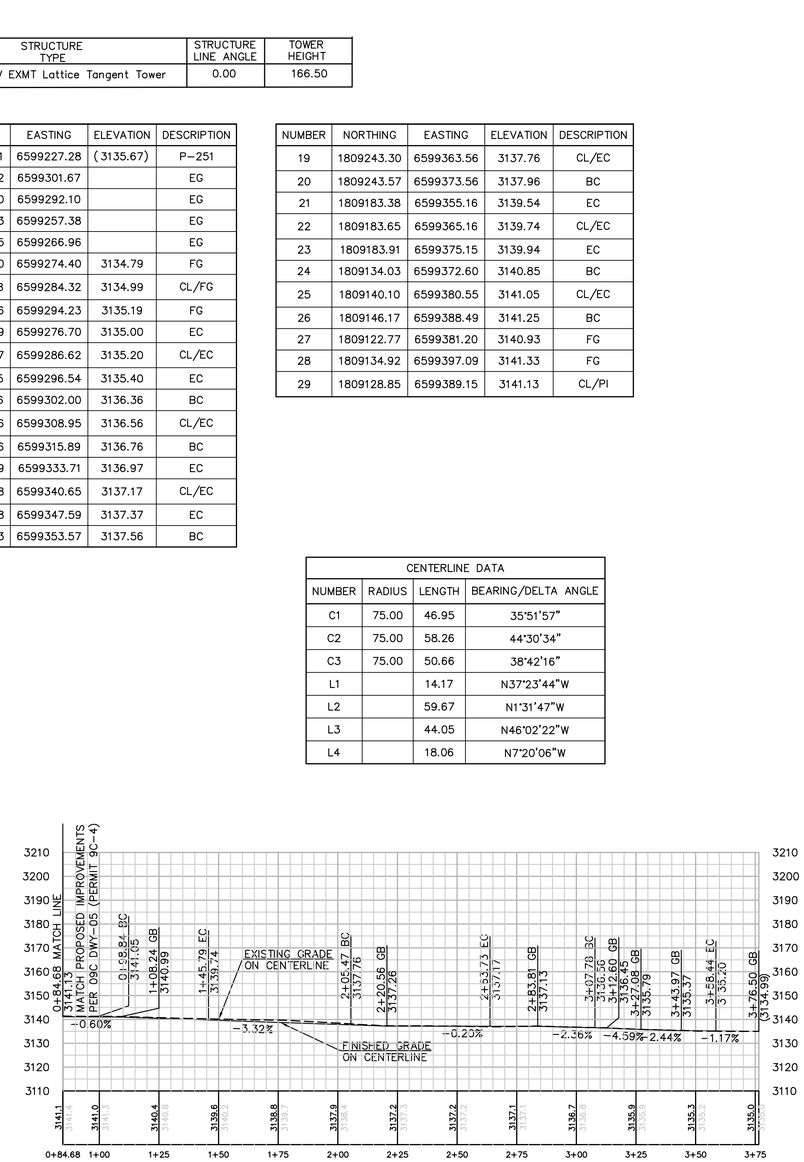
1"=30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-251	500 KV EXMT Lattice Tangent Tower	0.00	166.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809471.61	6599227.28	(3135.67)	P-251
2	1809390.42	6599301.67		EG
3	1809464.80	6599292.10		EG
4	1809460.33	6599257.38		EG
5	1809385.95	6599266.96		EG
6	1809386.90	6599274.40	3134.79	FG
7	1809388.18	6599284.32	3134.99	CL/FG
8	1809389.46	6599294.23	3135.19	FG
9	1809368.99	6599276.70	3135.00	EC
10	1809370.27	6599286.62	3135.20	CL/EC
11	1809371.55	6599296.54	3135.40	EC
12	1809318.66	6599302.00	3136.36	BC
13	1809325.86	6599308.95	3136.56	CL/EC
14	1809333.06	6599315.89	3136.76	BC
15	1809288.09	6599333.71	3136.97	EC
16	1809295.28	6599340.65	3137.17	CL/EC
17	1809302.48	6599347.59	3137.37	EC
18	1809243.03	6599353.57	3137.56	BC

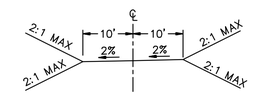
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
19	1809243.30	6599363.56	3137.76	CL/EC
20	1809243.57	6599373.56	3137.96	BC
21	1809183.38	6599355.16	3139.54	EC
22	1809183.65	6599365.16	3139.74	CL/EC
23	1809183.91	6599375.15	3139.94	EC
24	1809134.03	6599372.60	3140.85	BC
25	1809140.10	6599380.55	3141.05	CL/EC
26	1809146.17	6599388.49	3141.25	BC
27	1809122.77	6599381.20	3140.93	FG
28	1809134.92	6599397.09	3141.33	FG
29	1809128.85	6599389.15	3141.13	CL/PI

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	46.95	35°51'57"
C2	75.00	58.26	44°30'34"
C3	75.00	50.66	38°42'16"
L1		14.17	N37°23'44"W
L2		59.67	N1°31'47"W
L3		44.05	N46°02'22"W
L4		18.06	N7°20'06"W



PROFILE: ACCESS ROAD TO TOWER P-251

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+84.68 TO 3+76.50

NTS

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11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. NO. 29708 — Exp.3-31-17 — CIVIL — STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

SITE P-251

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P251-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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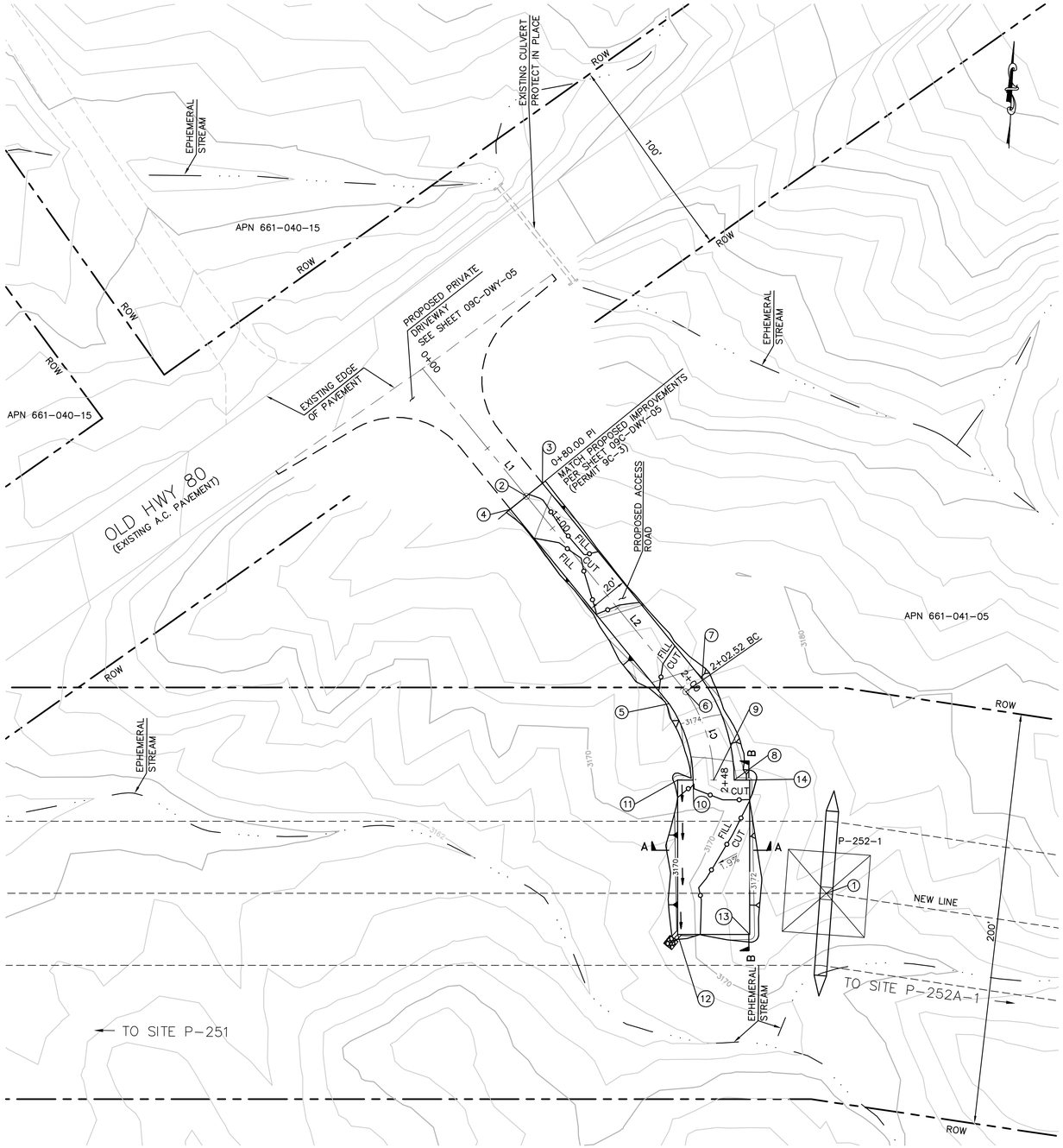


TOWER P-252-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

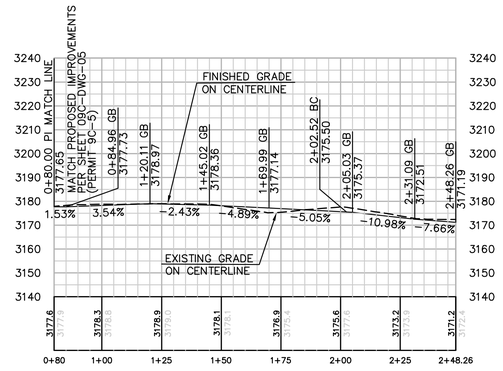
EARTH QUANTITIES:
CUT: 132 CY.
FILL: 93 CY.
NET: 39 CY.

DISTURBED AREA:
PAD: 3,243 SF
ROAD: 4,140 SF
TOTAL: 7,383 SF

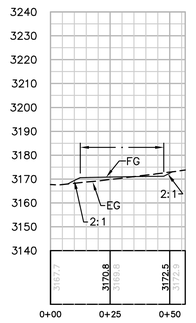
QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 4 LF

LENGTH OF ACCESS ROAD: 168 LF

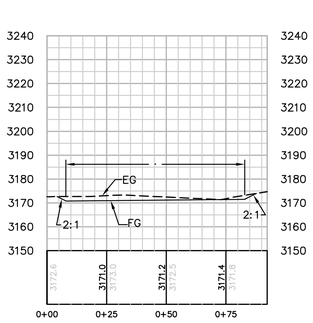
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-252-1	500 KV EXMA Lattice Angle Tower	8.49	169.50



PROFILE: ACCESS ROAD TO TOWER P-252-1
HORIZ. & VERT. SCALE: 1"=30'



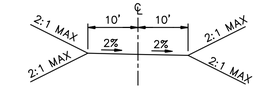
SECTION A-A
HORIZ. & VERT. SCALE: 1"=30'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		80.00	S39°42'30"E
L2		122.52	S39°42'30"E
C1	75.00	45.74	34°56'44"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809484.29	6600637.98	(3174.82)	P-252-1
2	1809675.88	6600490.52	3177.65	FG
3	1809682.27	6600498.22	3177.85	FG
4	1809669.50	6600482.83	3177.45	FG
5	1809575.76	6600560.67	3175.46	BC
6	1809581.63	6600568.80	3175.50	CL/BC
7	1809587.74	6600576.72	3175.86	BC
8	1809538.89	6600592.70	3171.37	EC
9	1809538.80	6600582.70	3171.19	CL/EC
10	1809538.71	6600572.70	3171.02	EC
11	1809538.64	6600565.20	3170.90	FG
12	1809463.64	6600565.88	3170.22	FG/FL
13	1809463.96	6600600.88	3170.82	FG
14	1809538.95	6600600.20	3171.50	CL/EG



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+80.00 TO 2+48.26
NTS

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
ROC 29708
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

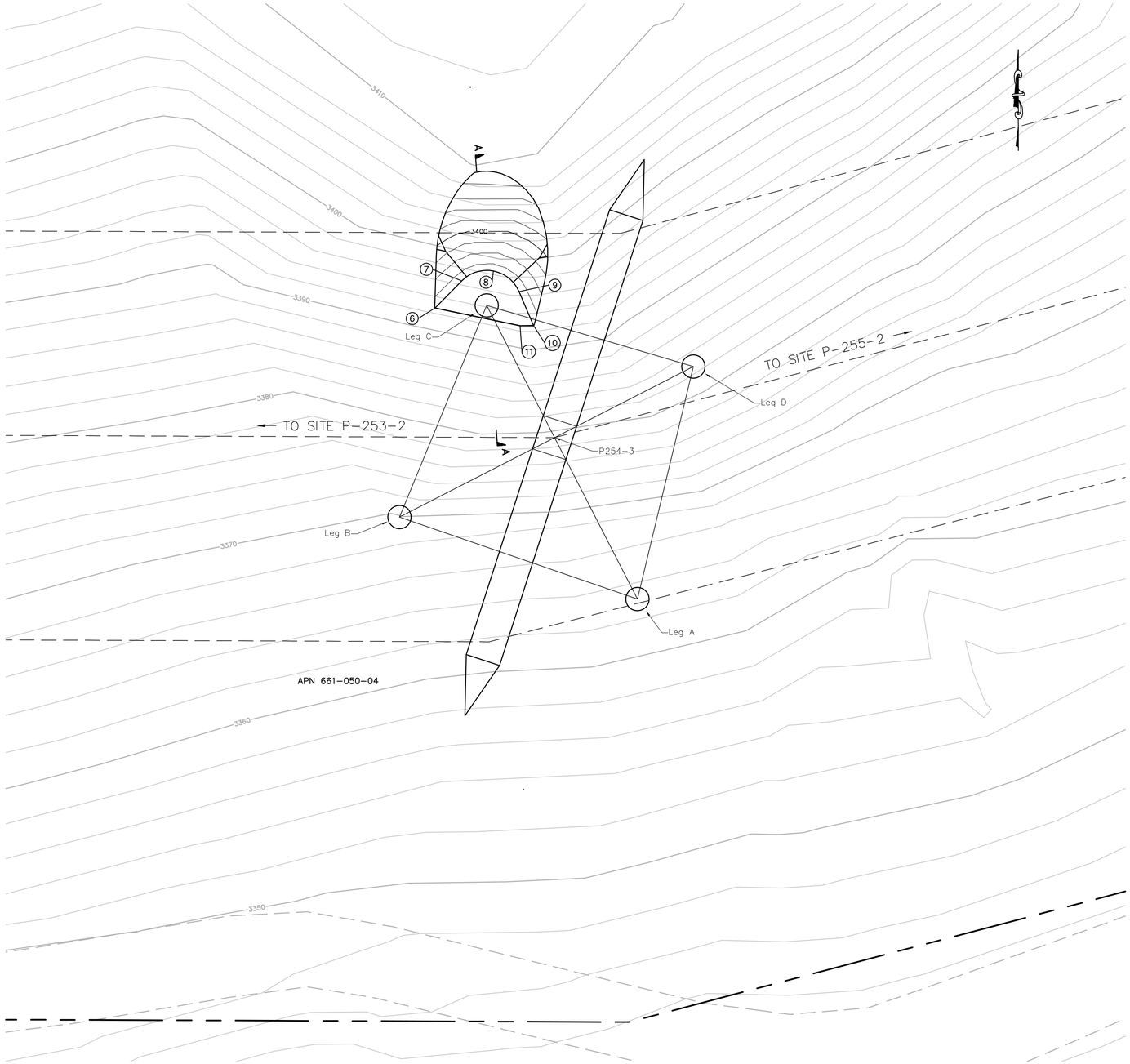
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-252-1

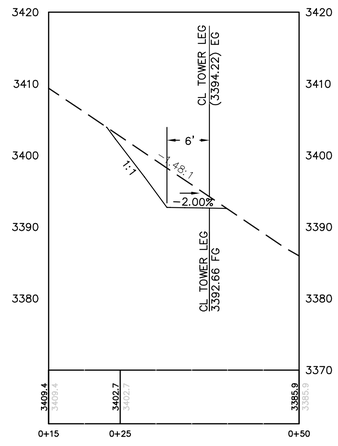
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P252-1-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



TOWER LEG DATA TABLE					
NUMBER	DESCRIPTION	NORTHING	EASTING	EXISTING ELEV.	PROPOSED ELEV.
1	Leg A	1809239.30	6603371.29	(3361.64)	
2	Leg B	1809253.35	6603330.59	(3369.83)	
3	Leg C	1809289.58	6603345.52	(3394.22)	3392.66
4	Leg D	1809279.12	6603380.87	(3383.39)	

GRADING DATA TABLE				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
6	1809289.14	6603336.68	(3392.64)	EG
7	1809293.79	6603341.24	3392.74	FG
8	1809295.48	6603346.63	3392.80	FG
9	1809291.94	6603351.04	3392.75	FG
10	1809286.13	6603353.52	(3392.64)	EG
11	1809286.12	6603351.20	(3392.64)	EG

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-254-3	EXHD LATTICE DEAD END TOWER	-14.98	135.75



SECTION A-A

EARTH QUANTITIES:
CUT: 30 CY
FILL: 0 CY
NET: 30 CY
DISTURBED AREA: 410 SF

TOWER P-254-3 PLAN
SCALE: 1" = 10'

GRAPHIC SCALE
10 0 10 20
1"=10'

Bureau Veritas North America
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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
REG. 29708
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TOWER LEG GRADING FOR SITE P-254-3

DRAWN BY: 00	DATE:	SCALE: 1" = 10'	W.O.	REV. 0	09C-P254-3-T1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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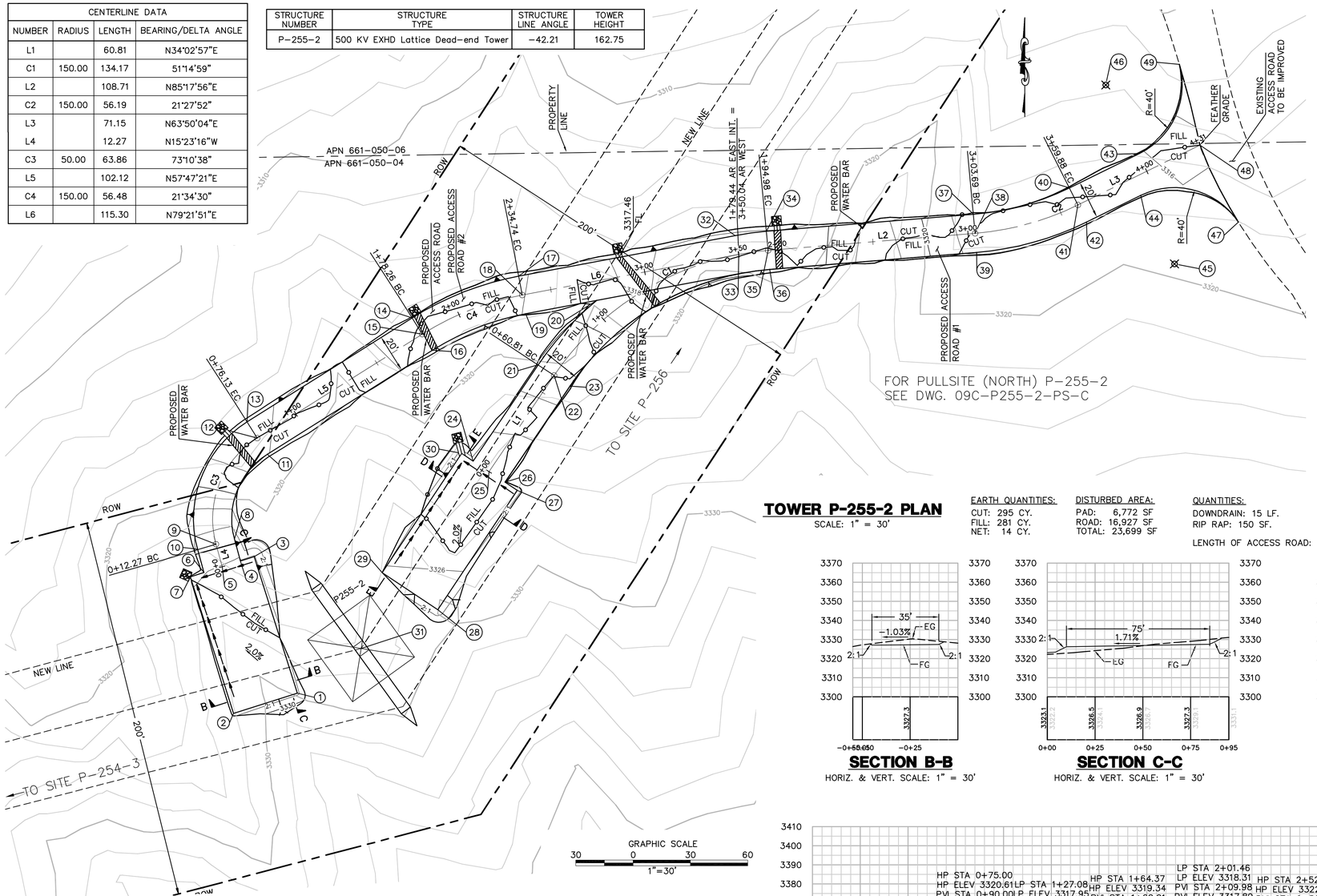
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		60.81	N34°02'57"E
C1	150.00	134.17	51°14'59"
L2		108.71	N85°17'56"E
C2	150.00	56.19	21°27'52"
L3		71.15	N63°50'04"E
L4		12.27	N15°23'16"W
C3	50.00	63.86	73°10'38"
L5		102.12	N57°47'21"E
C4	150.00	56.48	21°34'30"
L6		115.30	N79°21'51"E

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–255–2	500 KV EXHD Lattice Dead–end Tower	–42.21	162.75



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809464.55	6604163.33	3327.37	FG
2	1809453.97	6604129.95	3327.19	FG
3	1809536.05	6604140.69	3326.26	FG
4	1809533.79	6604133.54	3326.19	FG
5	1809530.77	6604124.00	3326.08	CL/FG
6	1809527.75	6604114.46	3325.98	FG
7	1809525.49	6604107.32	3325.90	FG
8	1809545.26	6604130.39	3325.11	FG
9	1809542.60	6604120.74	3324.91	CL/FG
10	1809539.95	6604111.10	3324.71	FG
11	1809589.72	6604147.63	3317.96	BC
12	1809598.18	6604142.30	3317.76	CL/BC
13	1809606.64	6604136.97	3317.56	BC
14	1809661.07	6604223.38	3316.65	BC
15	1809652.61	6604228.71	3316.85	CL/BC
16	1809644.15	6604234.04	3317.05	BC
17	1809682.95	6604279.13	3317.71	EC
18	1809673.12	6604280.98	3317.91	CL/EC
19	1809663.29	6604282.82	3318.11	EC
20	1809670.28	6604320.01	3319.06	EC
21	1809636.56	6604289.41	3320.58	BC
22	1809630.96	6604297.70	3320.78	CL/BC
23	1809625.37	6604305.98	3320.98	BC
24	1809586.13	6604255.33	3324.84	FG
25	1809580.58	6604263.65	3324.93	CL/FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
26	1809575.04	6604271.97	3325.03	CL/FG
27	1809570.73	6604278.43	3325.11	FG
28	1809508.32	6604236.84	3326.42	FG
29	1809527.73	6604207.72	3326.07	FG
30	1809590.16	6604249.35	3324.74	FG
31	1809487.99	6604196.68	(3326.91)	P–255–2
32	1809704.23	6604392.45	3318.79	BC
33	1809694.40	6604394.30	3318.99	CL
34	1809706.44	6604408.87	3318.23	EC
35	1809696.47	6604409.69	3318.43	CL/EC
36	1809686.51	6604410.51	3318.63	EC
37	1809715.35	6604517.21	3317.12	BC
38	1809705.38	6604518.03	3317.32	CL/BC
39	1809695.42	6604518.85	3317.52	BC
40	1809729.23	6604567.47	3317.01	EC
41	1809720.25	6604571.88	3317.21	CL/EC
42	1809711.27	6604576.29	3317.41	EC
43	1809747.19	6604604.04	3316.12	FG
44	1809725.26	6604604.75	3316.94	FG
45	1809689.36	6604622.39		RP
46	1809783.09	6604586.41		RP
47	1809711.33	6604655.82	(3318.04)	EG
48	1809751.63	6604635.74	(3314.90)	EG
49	1809793.86	6604624.93	(3311.35)	EG

TOWER P-255-2 PLAN

SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 295 CY.
FILL: 281 CY.
NET: 14 CY.

DISTURBED AREA:
PAD: 6,772 SF
ROAD: 16,927 SF
TOTAL: 23,699 SF

QUANTITIES:
DOWNDRAIN: 15 LF.
RIP RAP: 150 SF.

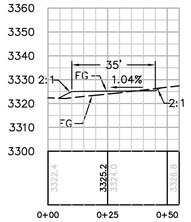
LENGTH OF ACCESS ROAD: 781 LF

SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'

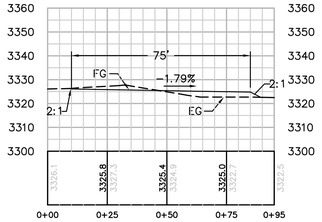
SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'



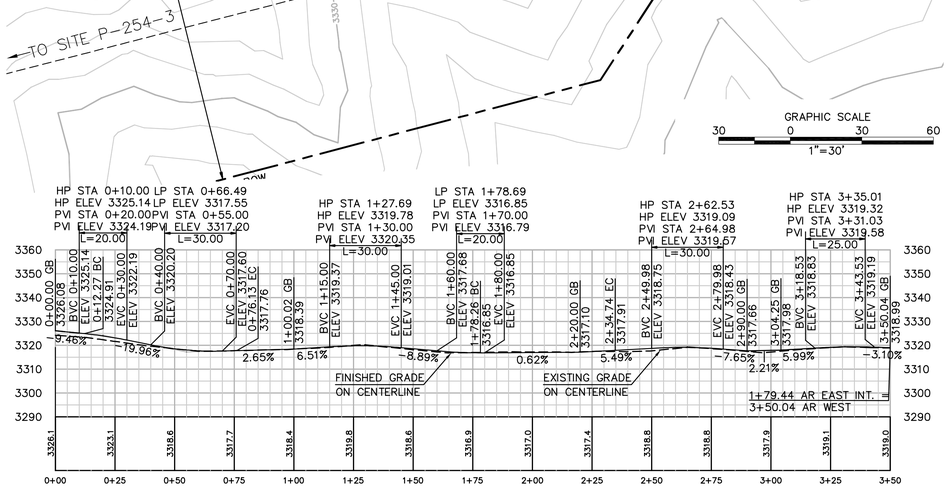
SECTION D-D

HORIZ. & VERT. SCALE: 1" = 30'



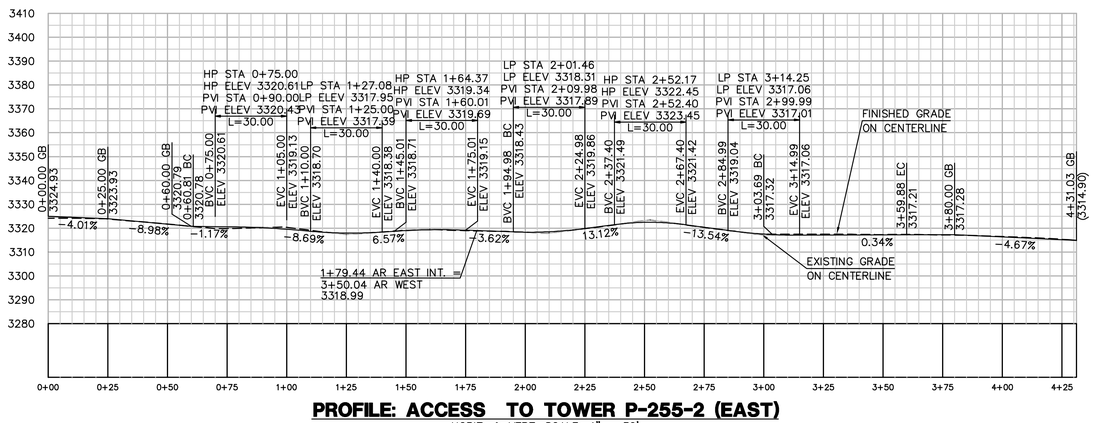
SECTION E-E

HORIZ. & VERT. SCALE: 1" = 30'



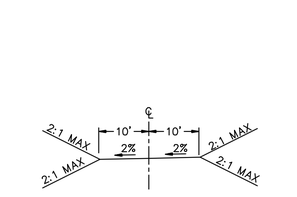
PROFILE: ACCESS TO TOWER P-255-2 (WEST)

HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS TO TOWER P-255-2 (EAST)

HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 4+31.03
STA 0+00.00 TO 3+50.04
N.T.S.

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — No. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

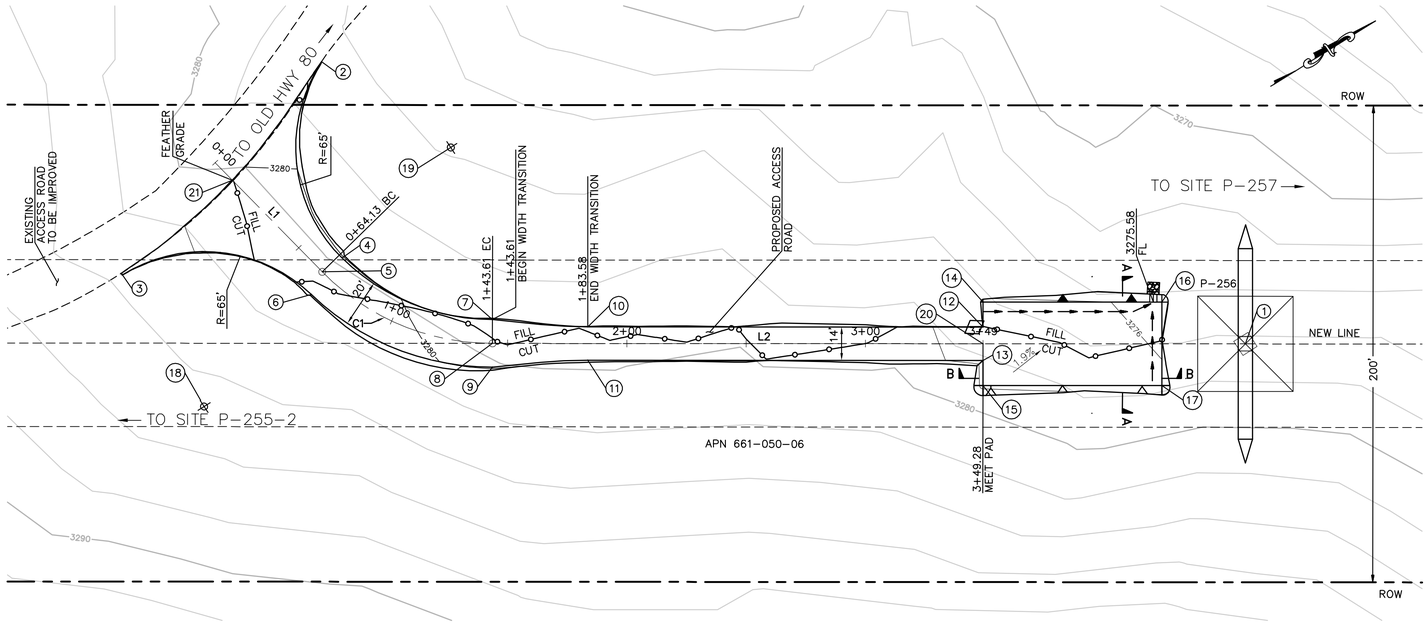
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–9C (LINK 1)
SITE P–255–2

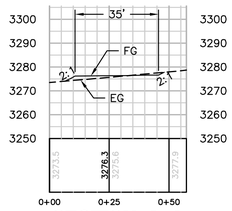
DRAWN BY: OO	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C–P255–2–S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



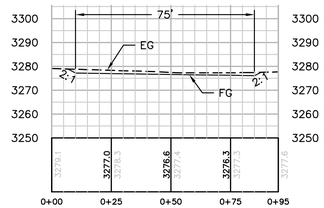
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-256	500 KV EXMT Lattice Tangent Tower	0.00	148.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		64.13	N78°34'38"E
C1	100.00	79.48	45°32'21"
L2		205.67	N33°02'17"E

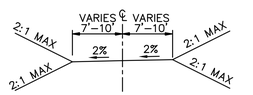
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1810643.78	6604948.34	(3277.04)	P-256
2	1810383.45	6604638.13	(3276.84)	BC/EG
3	1810264.67	6604667.61	(3283.73)	BC/EG
4	1810345.78	6604711.80	3280.37	EC
5	1810335.64	6604712.21	3280.57	CL/BC
6	1810326.60	6604717.67	3280.79	EC
7	1810384.59	6604767.85	3279.32	EC
8	1810379.14	6604776.24	3279.52	CL/EC
9	1810373.69	6604784.62	3279.72	EC
10	1810416.47	6604792.16	3279.09	EC
11	1810408.84	6604803.90	3279.37	EC
12	1810555.37	6604882.52	3276.97	FG
13	1810547.75	6604894.24	3277.13	FG
14	1810561.10	6604873.70	3276.80	FG
15	1810542.02	6604903.04	3277.27	FG
16	1810623.98	6604914.59	3275.68	FG
17	1810604.90	6604943.93	3276.15	FG
18	1810263.34	6604732.59		RP
19	1810409.25	6604697.80		RP
20	1810551.56	6604888.37	3277.04	CL
21	1810324.97	6604659.39	(3280.47)	CL



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 3+49.28

EARTH QUANTITIES:
CUT: 80 CY.
FILL: 71 CY.
NET: 9 CY.

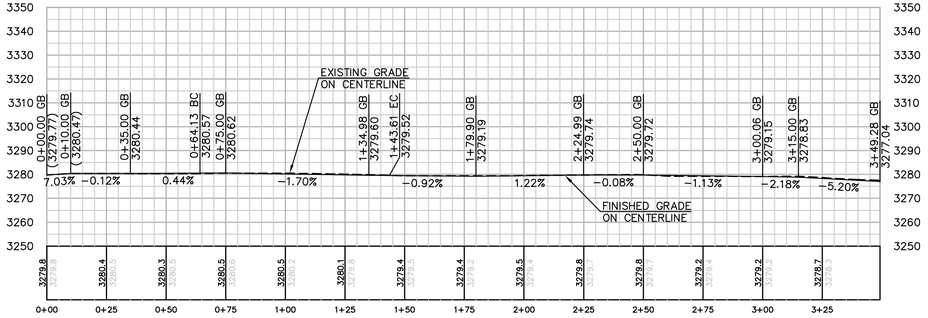
DISTURBED AREA:
PAD: 3,236 SF
ROAD: 7,541 SF
TOTAL: 10,777 SF

QUANTITIES:
DOWN DRAIN: 4 LF.
RIP RAP: 25 SF.

LENGTH OF ACCESS ROAD: 349 LF

TOWER P-256 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-256
HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp. 3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-256

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09C-P256-S1

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P256-S1.dwg[Mayr-24-20101512

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-257	500 KV EXMA Lattice Angle Tower	-7.08	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1811708.09	6605640.52	(3207.41)	P-257
2	1811561.99	6605570.54	(3216.66)	EG
3	1811565.48	6605566.91	(3216.56)	CL/EG
4	1811568.76	6605563.50	(3216.46)	EG
5	1811582.24	6605592.76	3214.02	FG
6	1811591.95	6605582.68	3213.74	FG
7	1811608.36	6605577.66		RP
8	1811622.13	6605583.60	3212.42	EC
9	1811627.87	6605570.31	(3212.54)	EG
10	1811638.88	6605575.06	(3210.98)	EG
11	1811642.49	6605591.96		RP
12	1811612.31	6605612.00	3212.02	CL/FG
13	1811601.94	6605626.82	3211.86	FG
14	1811664.23	6605645.40	3210.95	FG
15	1811656.34	6605620.80	3211.45	CL/BC/FG
16	1811669.92	6605626.33	3211.23	BC
17	1811661.63	6605608.10	3211.62	BC
18	1811688.24	6605612.36	3211.18	EC
19	1811718.14	6605638.93		RP
20	1811730.53	6605600.89	3205.06	EC

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1811747.70	6605585.45	3203.55	EC
22	1811776.50	6605615.86	3200.38	FG
23	1811779.60	6605606.36	3200.18	EG
24	1811782.70	6605596.85	3199.98	FG
25	1811760.08	6605547.42		RP
26	1811725.08	6605528.06	3204.04	EC
27	1811731.67	6605505.89	(3202.51)	EG
28	1811722.06	6605500.62	(3202.60)	EG
29	1811701.72	6605528.35	3205.23	FG
30	1811690.04	6605558.43	3205.92	FG
31	1811694.02	6605578.49	3207.73	CL/FG
32	1811681.42	6605584.90	3209.47	EC
33	1811690.93	6605587.99	3209.27	CL/EC
34	1811727.25	6605503.45	(3202.47)	CL/EG
35	1811597.96	6605588.46	3212.73	BC
36	1811702.90	6605551.24	3205.42	CL/BC
37	1811710.46	6605533.83	3205.03	CL/EC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		65.01	N43°54'49"E
L2		90.00	N18°02'23"E
C1	50.00	49.69	56°56'37"
L3		38.65	N71°57'37"W
L4		34.72	N61°04'00"W
C2	100.00	19.01	10°53'37"

EARTH QUANTITIES:
CUT: 170 CY.
FILL: 176 CY.
NET: 6 CY.

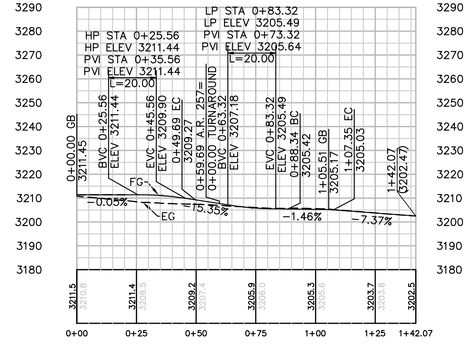
DISTURBED AREA:
PAD: 2,605 SF
ROAD: 6,725 SF
TOTAL: 9,330 SF

QUANTITIES:
DOWN DRAIN: 2 LF
RIP RAP: 50 SF

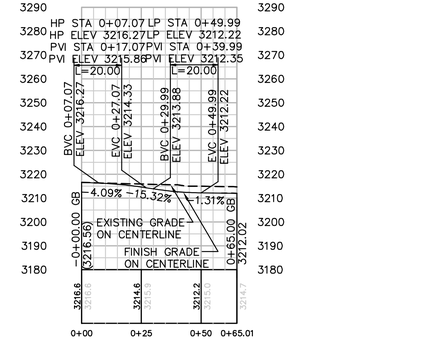
LENGTH OF ACCESS ROAD: 280 LF

TOWER P-257 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

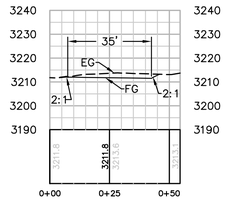


PROFILE: ACCESS ROAD TO TOWER P-257 (NORTH)
HORIZ. & VERT. SCALE: 1" = 30'

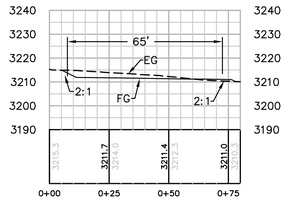


PROFILE: ACCESS ROAD TO TOWER P-257 (SOUTH)
HORIZ. & VERT. SCALE: 1" = 30'

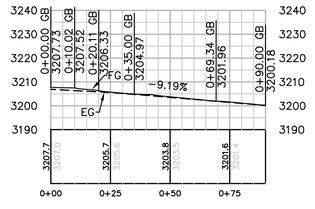
NOTE: EXISTING ROAD IMPROVEMENTS ARE TO BE COORDINATED WITH TIMING OF THE CONSTRUCTION YARD DEVELOPMENT



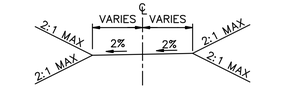
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



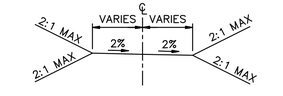
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: TURNAROUND
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+65
NTS



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+42.07
NTS

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-257

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CHECKED BY:	DATE:				
APPROVED BY:	DATE:				09C-P257-S1
CAD NO.:	PLOT SCALE: 1 = 1				

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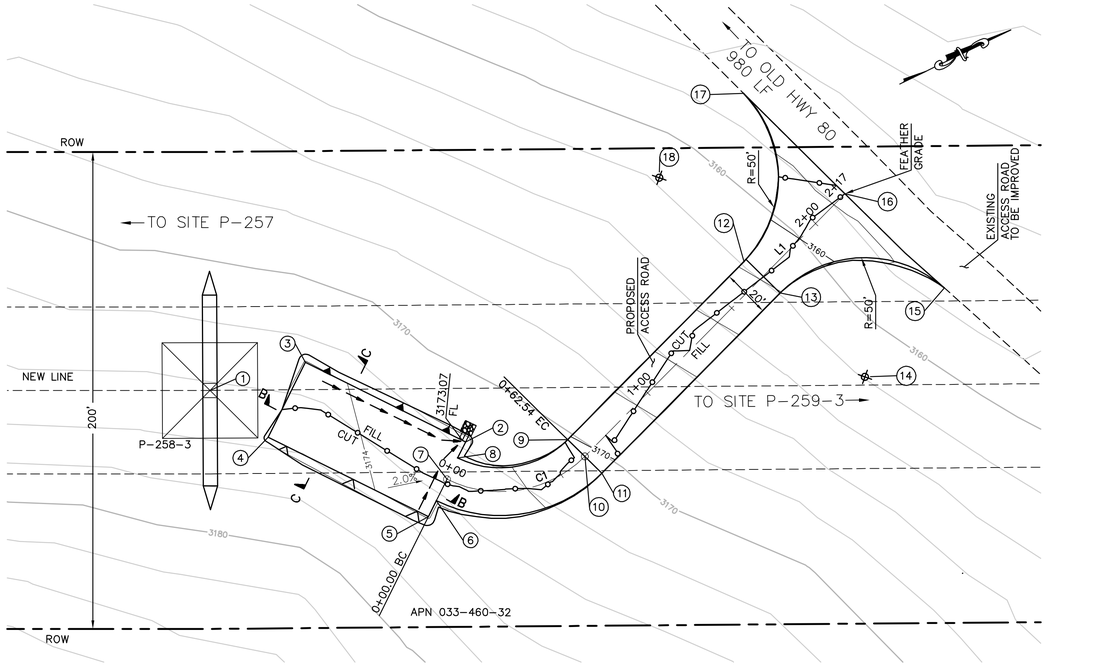


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-258-3	500 KV EXMT Lattice Tangent Tower	-0.47	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1813001.27	6606270.05	(3176.22)	P-258-3
2	1813088.14	6606336.35	3173.17	FG
3	1813042.31	6606276.98	3174.29	FG
4	1813014.60	6606298.37	3174.75	FG
5	1813060.44	6606357.74	3173.63	FG
6	1813066.38	6606353.15	3173.53	BC
7	1813074.29	6606347.04	3173.40	CL/BC
8	1813082.21	6606340.93	3173.27	BC
9	1813127.11	6606354.23	3170.11	EC
10	1813130.43	6606363.66	3170.31	CL/EC
11	1813133.74	6606373.10	3170.51	EC
12	1813226.17	6606319.46	3161.75	BC
13	1813234.02	6606337.91	3162.05	EC
14	1813250.57	6606385.09		RP
15	1813296.84	6606366.13	(3157.31)	EG
16	1813276.62	6606312.36	(3157.33)	EG
17	1813256.86	6606255.92	(3156.61)	EG
18	1813209.61	6606272.29		RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	50.00	62.54	71°40'02"
L1		154.94	N19°20'19"W

EARTH QUANTITIES:
CUT: 51 CY.
FILL: 52 CY.
NET: 1 CY.

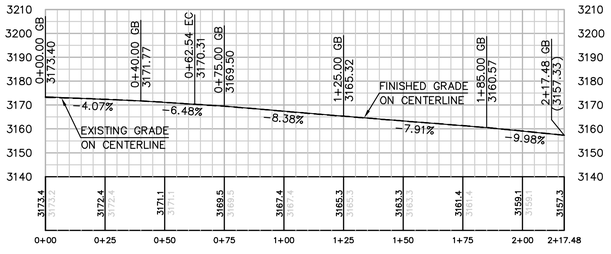
DISTURBED AREA:
PAD: 3,289 SF
ROAD: 5,541 SF
TOTAL: 8,830 SF

QUANTITIES:
DOWN DRAIN: 3 LF
RIP RAP: 25 SF

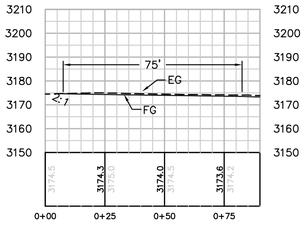
LENGTH OF ACCESS ROAD: 217 LF

TOWER P-258-3 PLAN
SCALE: 1" = 30'

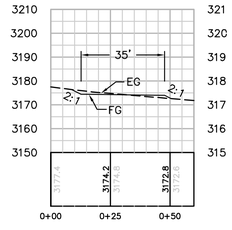
GRAPHIC SCALE
30 0 30 60
1"=30'



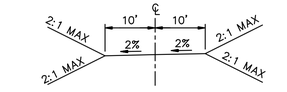
PROFILE: ACCESS ROAD TO TOWER P-258-3
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+17.00
NTS

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\09C-P258-3-S1.dwg Thu May 24 2018 10:17

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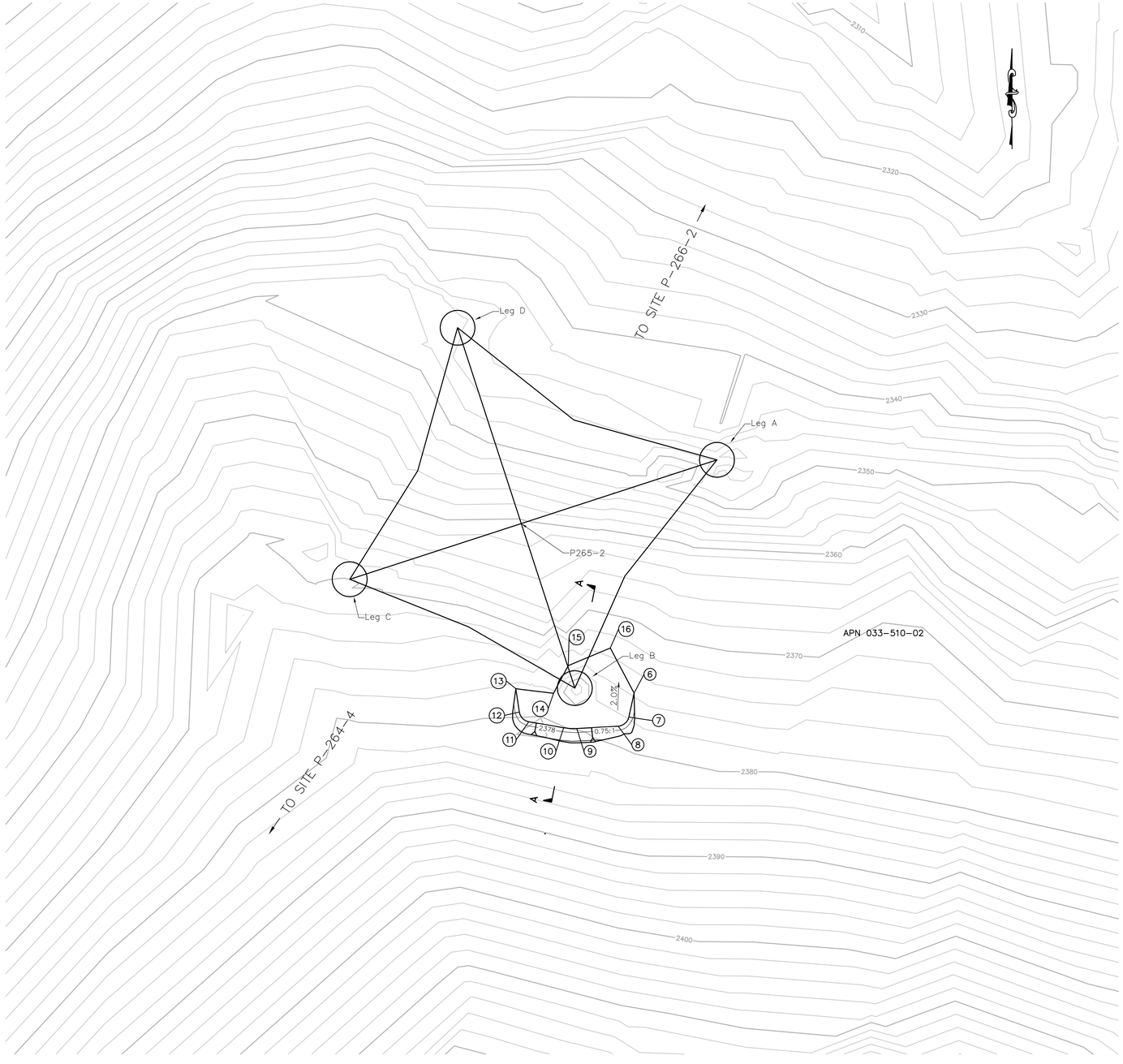
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

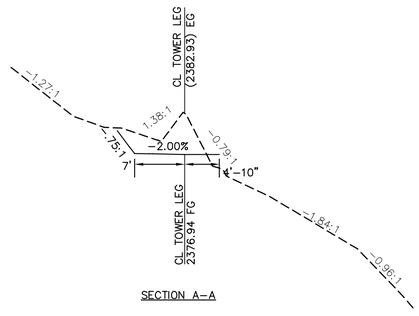
SPL-9C (LINK 1)
SITE P-258-3

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P258-3-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



TOWER LEG DATA TABLE					
NUMBER	DESCRIPTION	NORTHING	EASTING	EXISTING ELEV.	PROPOSED ELEV.
1	Leg A	1821400.44	6611524.03	(2347.61)	
2	Leg B	1821361.13	6611499.54	(2382.93)	2376.94
3	Leg C	1821379.88	6611460.78	(2370.30)	
4	Leg D	1821423.19	6611479.36	(2347.31)	

GRADING DATA TABLE				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
6	1821360.26	6611509.75	(2376.95)	EG
7	1821356.14	6611508.85	2377.03	FG
8	1821354.57	6611507.01	2377.07	FG
9	1821354.17	6611499.88	2377.08	FG
10	1821354.29	6611497.61	2377.08	FG
11	1821355.32	6611491.64	2377.06	FG
12	1821357.00	6611490.00	2377.03	FG
13	1821361.01	6611489.40	(2376.95)	EG
14	1821360.23	6611495.90	(2376.96)	EG
15	1821365.01	6611498.43	(2376.94)	EG
16	1821368.04	6611505.66	(2376.94)	EG



SECTION A-A

EARTH QUANTITIES:
CUT: 19 CY
FILL: 0 CY
NET: 19 CY
DISTURBED AREA: 230 SF

TOWER P-265-2 PLAN

SCALE: 1" = 10'

GRAPHIC SCALE
10 0 10 20
1"=10'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\Tower Leg Grading\09C-P265-2-T1.dwg DMay-24-2010\5\24

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

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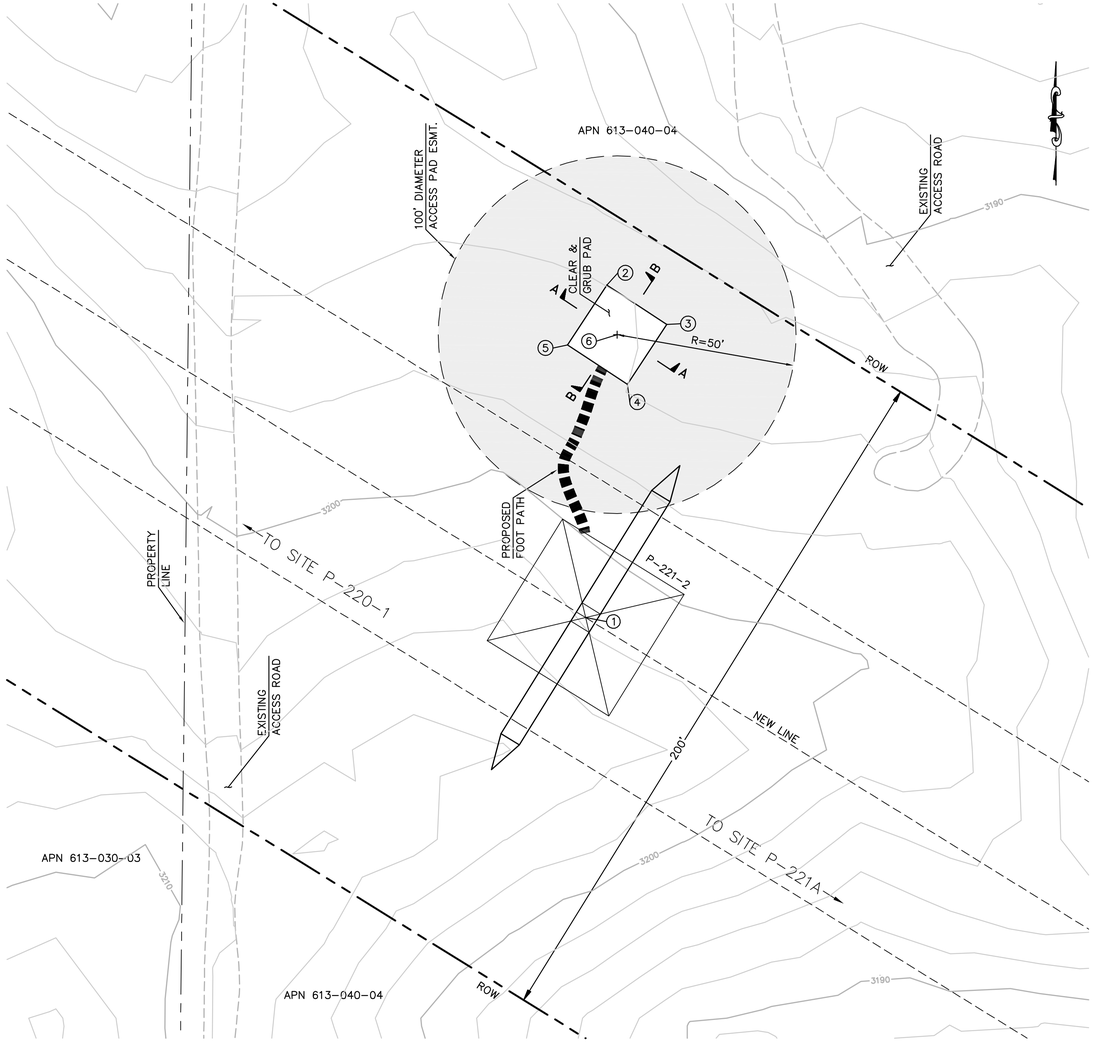
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER LEG GRADING FOR SITE P-265-2

DRAWN BY: 00	DATE:	SCALE: 1" = 10'	W.O.	REV. 0	09C-P265-2-T1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



TOWER STAGING/ACCESS PAD FOR TOWER P-221-2

(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

GRAPHIC SCALE

20 0 20 40

1"=20'

DISTURBED AREA:

PAD: 400 SF
TOTAL: 400 SF

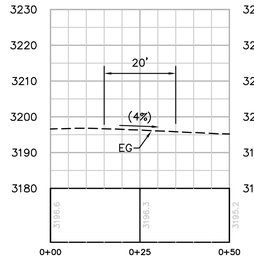
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

EARTH QUANTITIES:

CUT: 0 CY
FILL: 0 CY
NET: 0 CY

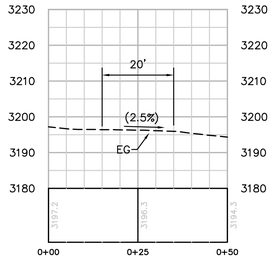
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-221-2	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1819561.98	6563952.69	(3201.52)	P-221-2
2	1819654.93	6563958.63	(3195.96)	EG
3	1819643.97	6563975.36	(3195.50)	EG
4	1819627.24	6563964.40	(3196.01)	EG
5	1819638.20	6563947.67	(3196.71)	EG
6	1819641.08	6563961.51		RP



SECTION A-A

HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B

HORIZ. & VERT. SCALE: 1"=20'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\Helipads\9C-P221-2 TSAP.dwg[May-24-201015:43

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REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH NO. 29108 Exp.3-31-17 CIVIL STATE OF CALIFORNIA

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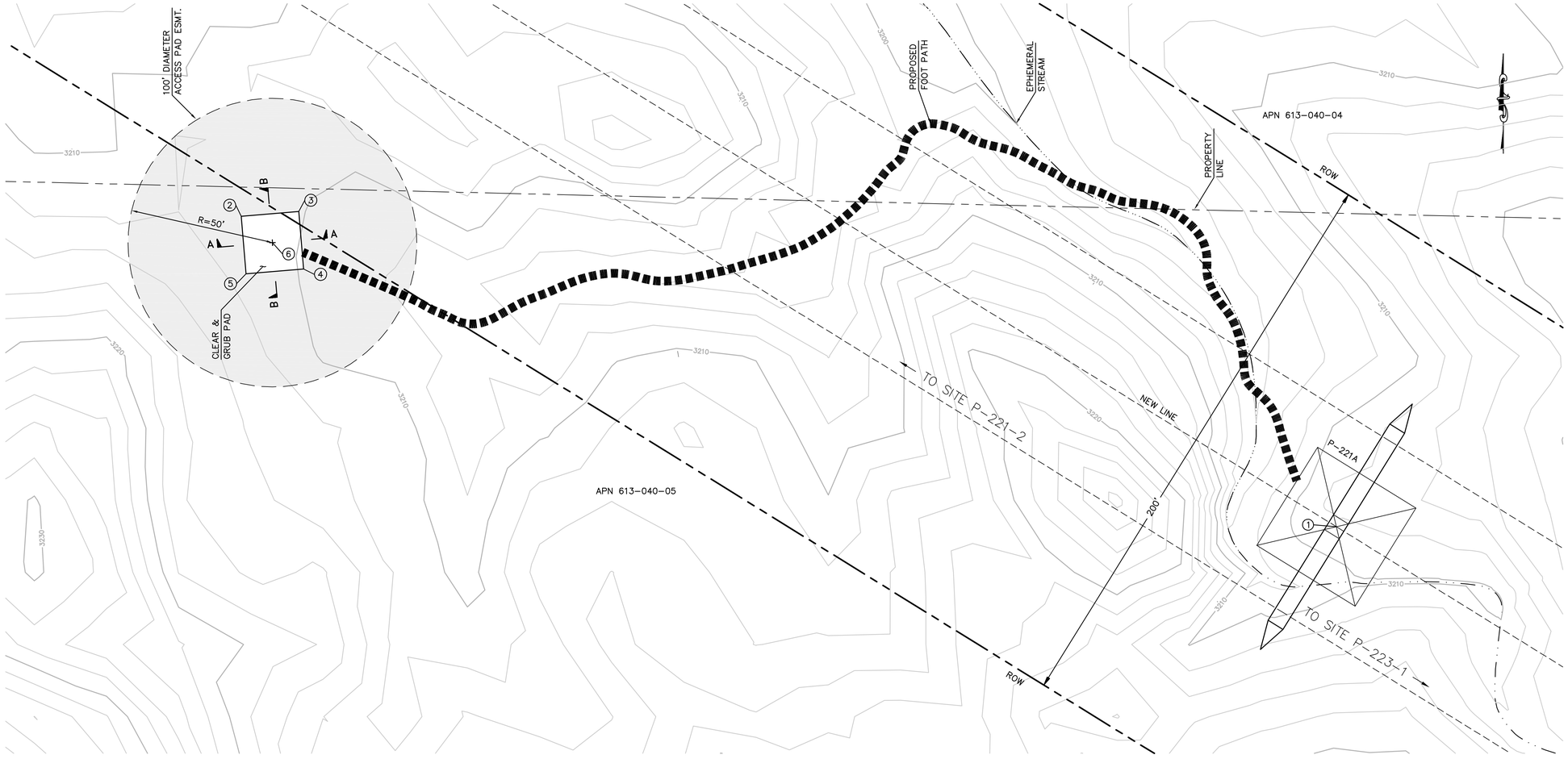
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P221-2

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P221-2-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

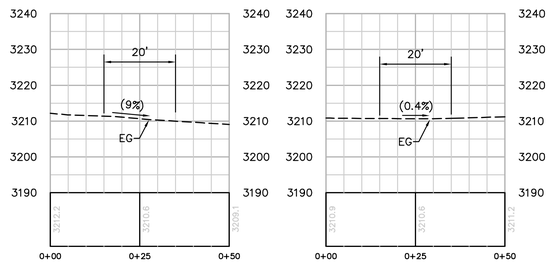
EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

TOWER STAGING/ACCESS PAD FOR TOWER P-221A
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-221A	500 KV EXLD Lattice Dead-end Tower	0.00	162.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1818940.82	6564955.60	(3211.13)	P-221A
2	1819048.43	6564576.34	(3211.30)	EG
3	1819050.10	6564596.27	(3210.14)	EG
4	1819030.17	6564597.94	(3209.82)	EG
5	1819028.50	6564578.01	(3211.47)	EG
6	1819039.30	6564587.14		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'

SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\Helipads\9C-P221A TSAP.dwg[May-24-2010]1542

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REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 29708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

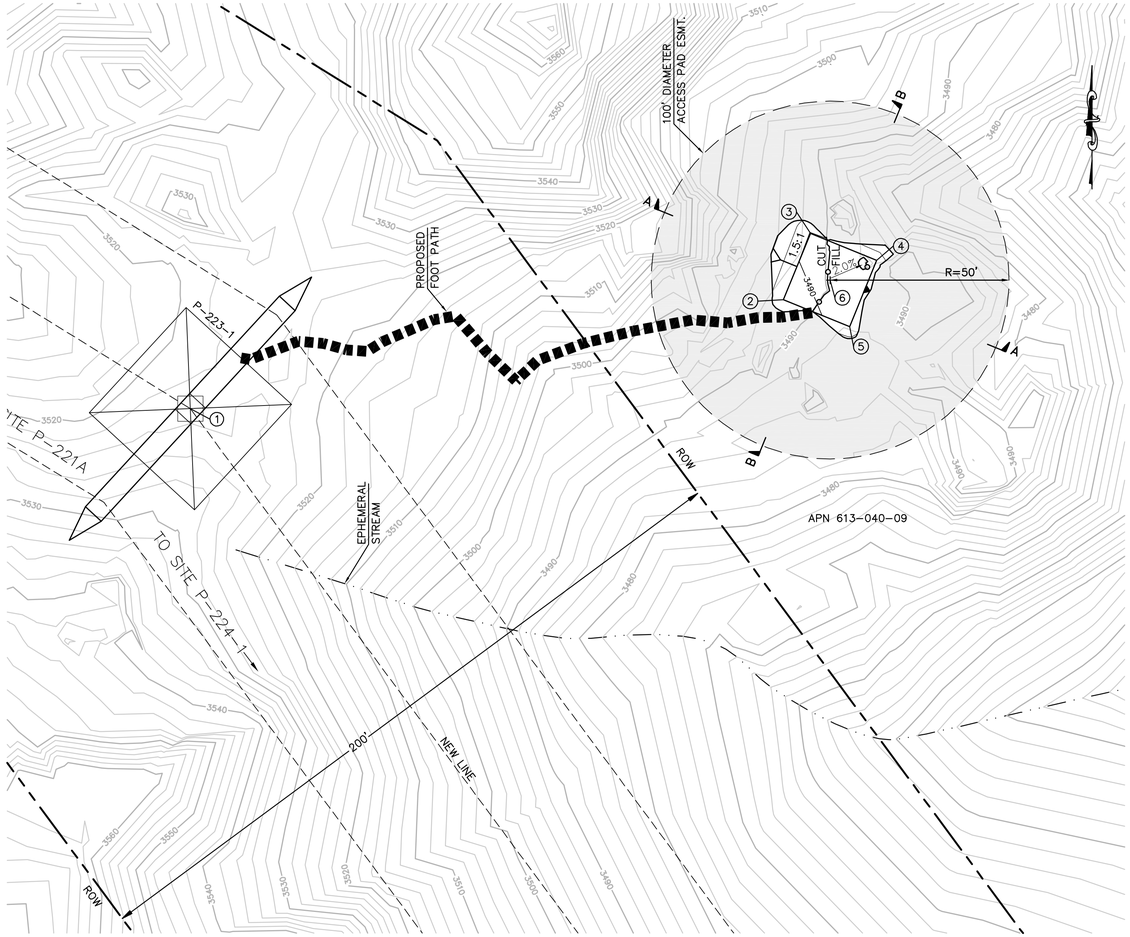
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P221A

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P221A-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



EARTH QUANTITIES:
CUT: 11 CY
FILL: 9 CY
NET: 2 CY

DISTURBED AREA:
PAD: 681 SF
TOTAL: 681 SF

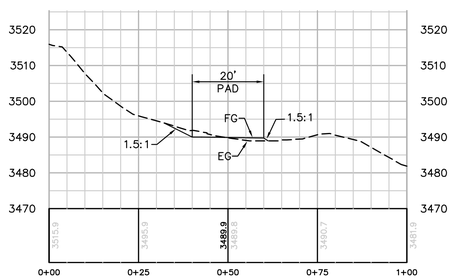
TOWER STAGING/ACCESS PAD FOR TOWER P-223-1
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

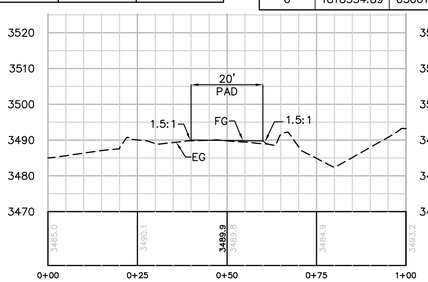
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1818318.95	6565959.65	(3523.08)	P-223-1
2	1818349.41	6566125.40	3490.16	FG
3	1818367.92	6566132.96	3489.88	FG
4	1818360.36	6566151.47	3489.60	FG
5	1818341.85	6566143.91	3489.88	FG
6	1818354.89	6566138.43		RP

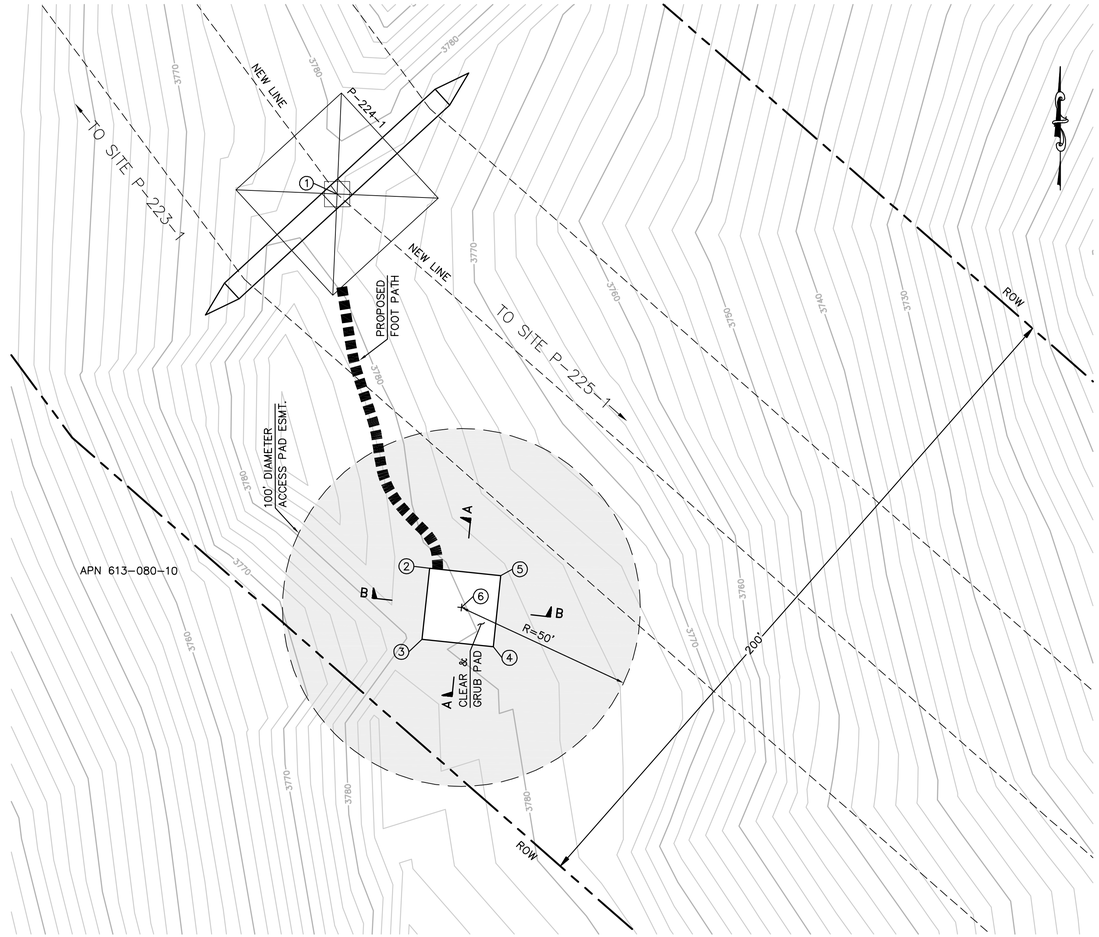
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-223-1	500 KV EXHD Lattice Dead-end Tower	21.76	165.75



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'



EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

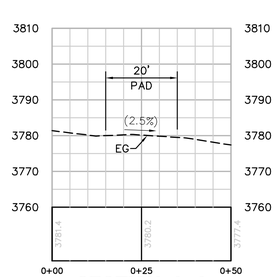
TOWER STAGING/ACCESS PAD FOR TOWER P-224-1
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

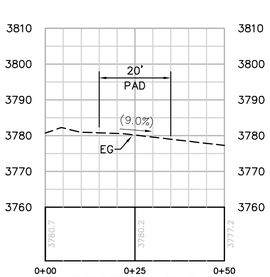
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-224-1	500 KV EXHD Lattice Dead-end Tower	-12.25	162.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1816784.40	6567093.73	(3778.54)	P-224-1
2	1816679.83	6567119.56	(3780.66)	EG
3	1816659.94	6567117.47	(3780.34)	EG
4	1816657.85	6567137.36	(3779.66)	EG
5	1816677.74	6567139.46	(3778.32)	EG
6	1816668.84	6567128.46		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

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REVISIONS

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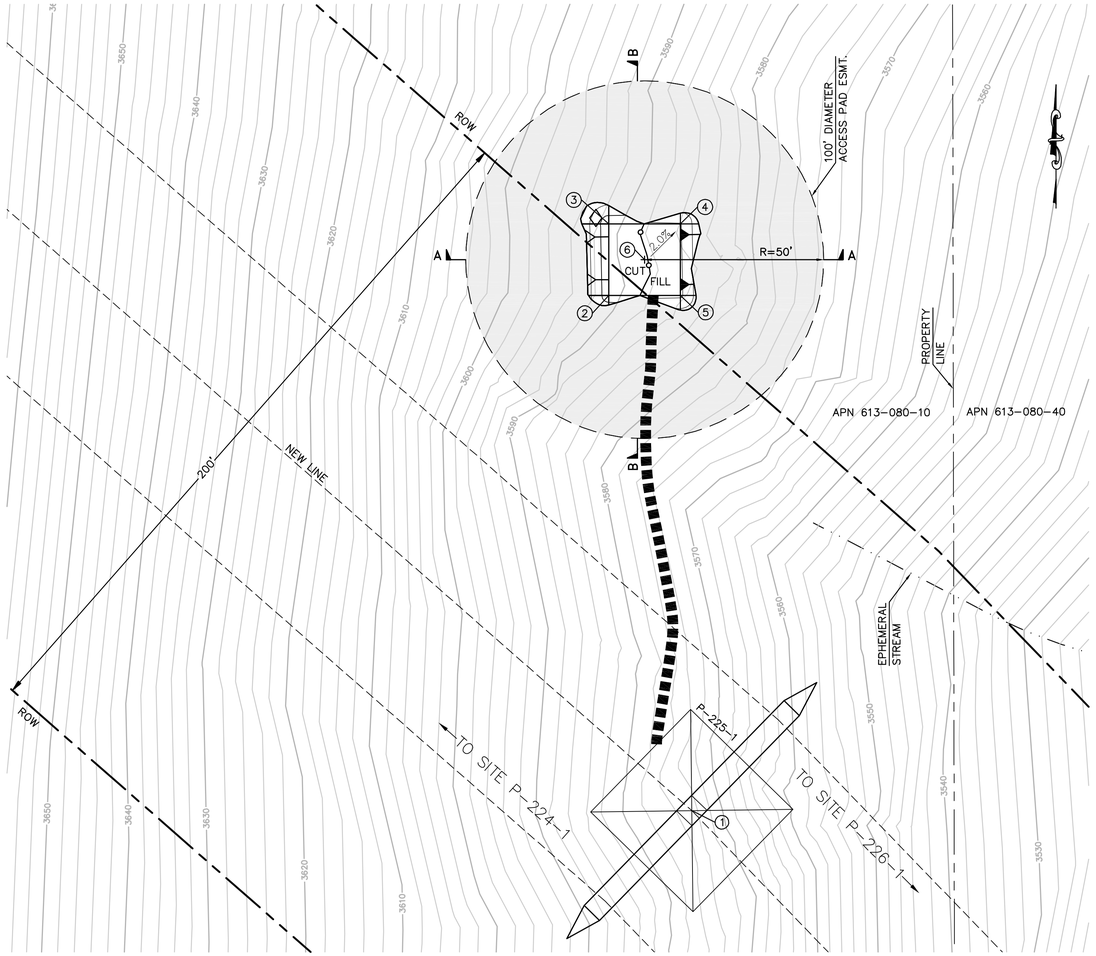
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P223-1 & P224-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P223-1 & P224-1-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



EARTH QUANTITIES:
CUT: 16 CY
FILL: 13 CY
NET: 3 CY

DISTURBED AREA:
PAD: 763 SF
TOTAL: 763 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-225-1
(THIS IS NOT A HELIPORT)

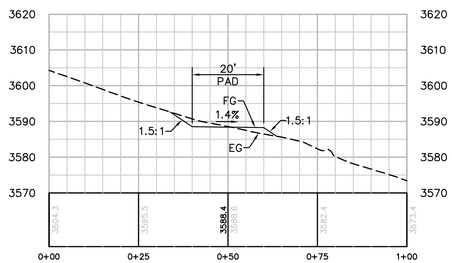
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

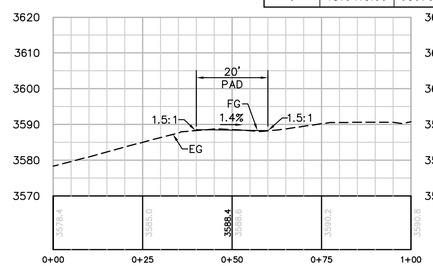
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-225-1	500 KV EXLA Lattice Angle Tower	4.75	175.50

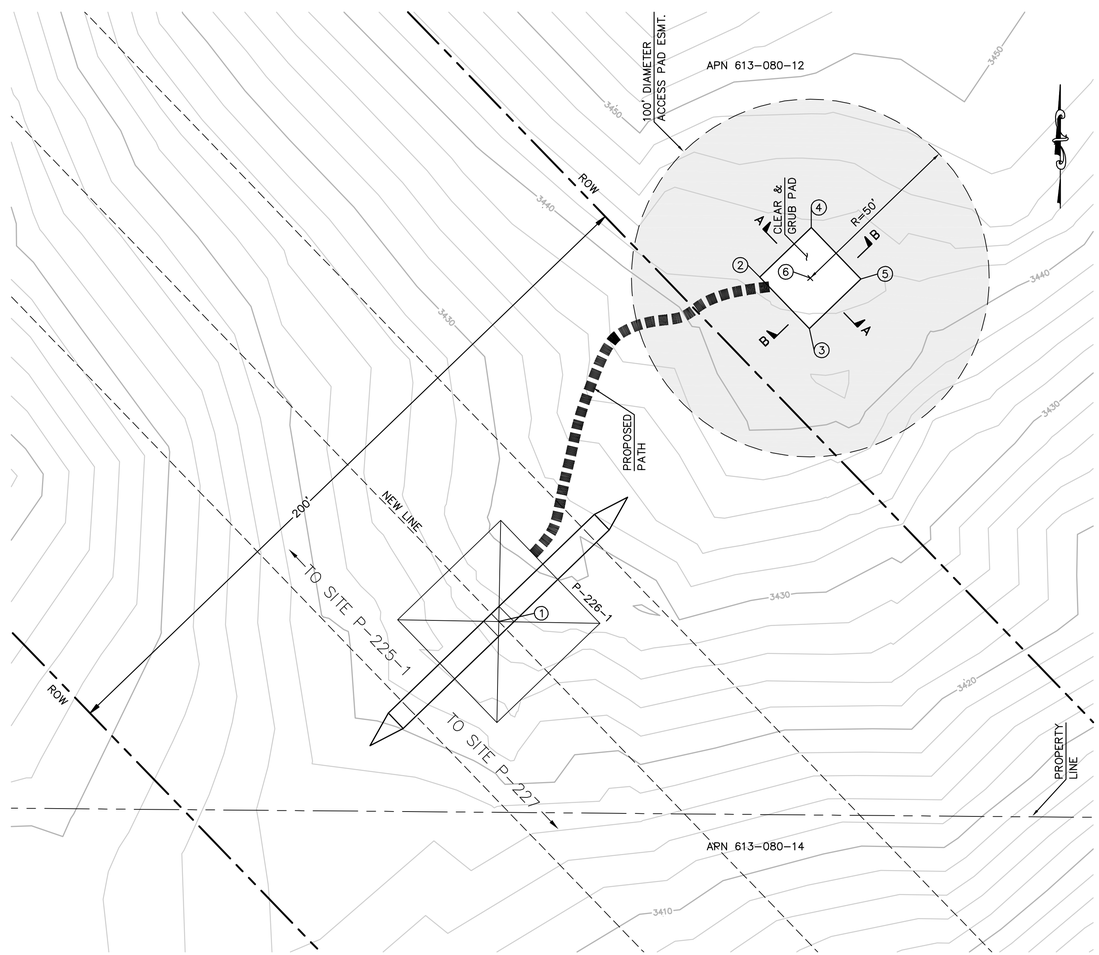
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1816259.65	6567691.41	(3574.92)	P-225-1
2	1816403.66	6567668.24	3588.72	FG
3	1816423.66	6567668.24	3588.44	FG
4	1816423.66	6567688.24	3588.16	FG
5	1816403.66	6567688.24	3588.43	FG
6	1816413.66	6567678.24		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'



EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-226-1
(THIS IS NOT A HELIPORT)

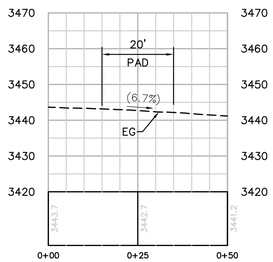
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

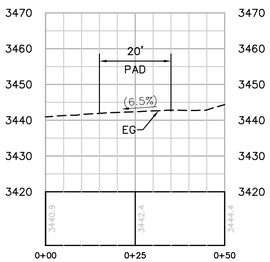
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-226-1	500 KV EXMT Lattice Tangent Tower	0.00	142.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1815061.33	6568847.16	(3427.22)	P-226-1
2	1815157.59	6568920.06	(3442.46)	EG
3	1815143.19	6568933.94	(3441.71)	EG
4	1815171.47	6568934.45	(3443.83)	EG
5	1815157.08	6568948.34	(3442.55)	EG
6	1815157.33	6568934.20		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

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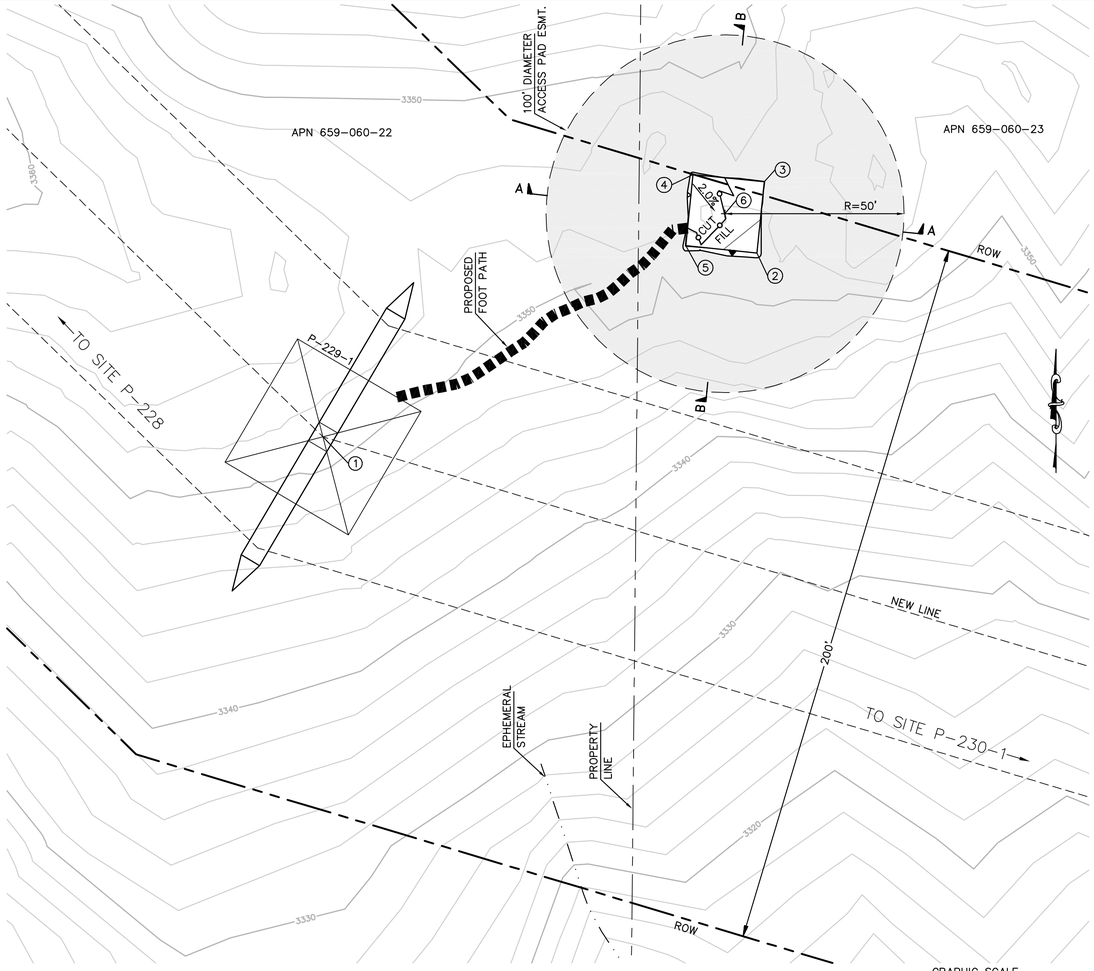
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P225-1 & P226-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P225-1 & P226-1-TSAP
CAD NO.:	PLOT SCALE: 1 = 1		



EARTH QUANTITIES:
CUT: 5 CY
FILL: 4 CY
NET: 1 CY

DISTURBED AREA:
PAD: 452 SF
TOTAL: 452 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

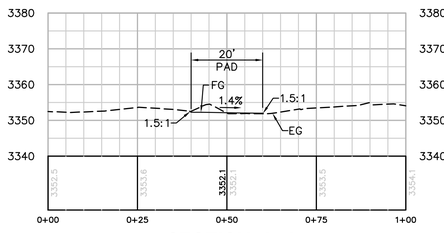
TOWER STAGING/ACCESS PAD FOR TOWER P-229-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

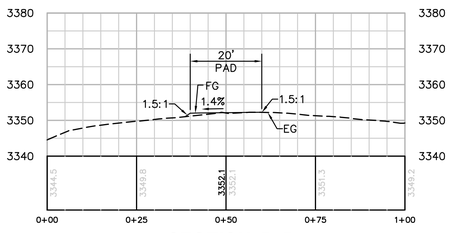
GRAPHIC SCALE
20 0 20 40
1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1812264.57	6571651.98	(3351.22)	P-229-1
2	1812315.97	6571773.24	3351.87	FG
3	1812335.87	6571775.28	3352.15	FG
4	1812337.90	6571755.39	3352.43	FG
5	1812318.01	6571753.35	3352.15	FG
6	1812326.94	6571764.31		RP

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-229-1	500 KV EXLD Lattice Dead-end Tower	-27.58	138.75



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

EARTH QUANTITIES:
CUT: 14 CY
FILL: 11 CY
NET: 3 CY

DISTURBED AREA:
PAD: 710 SF
TOTAL: 710 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

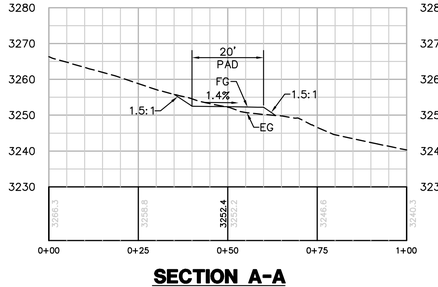
TOWER STAGING/ACCESS PAD FOR TOWER P-230-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

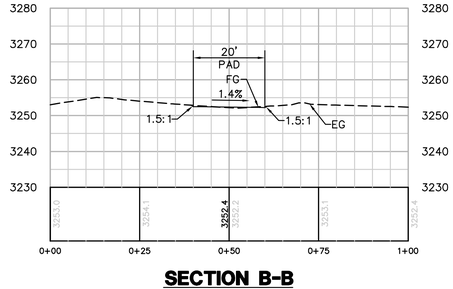
GRAPHIC SCALE
20 0 20 40
1"=20'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-230-1	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1811969.47	6572636.49	(3250.86)	P-230-1
2	1812041.70	6572648.81	3252.65	FG
3	1812060.47	6572655.70	3252.39	FG
4	1812053.57	6572674.48	3252.09	FG
5	1812034.80	6572667.58	3252.34	FG
6	1812047.64	6572661.64		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

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REVISIONS

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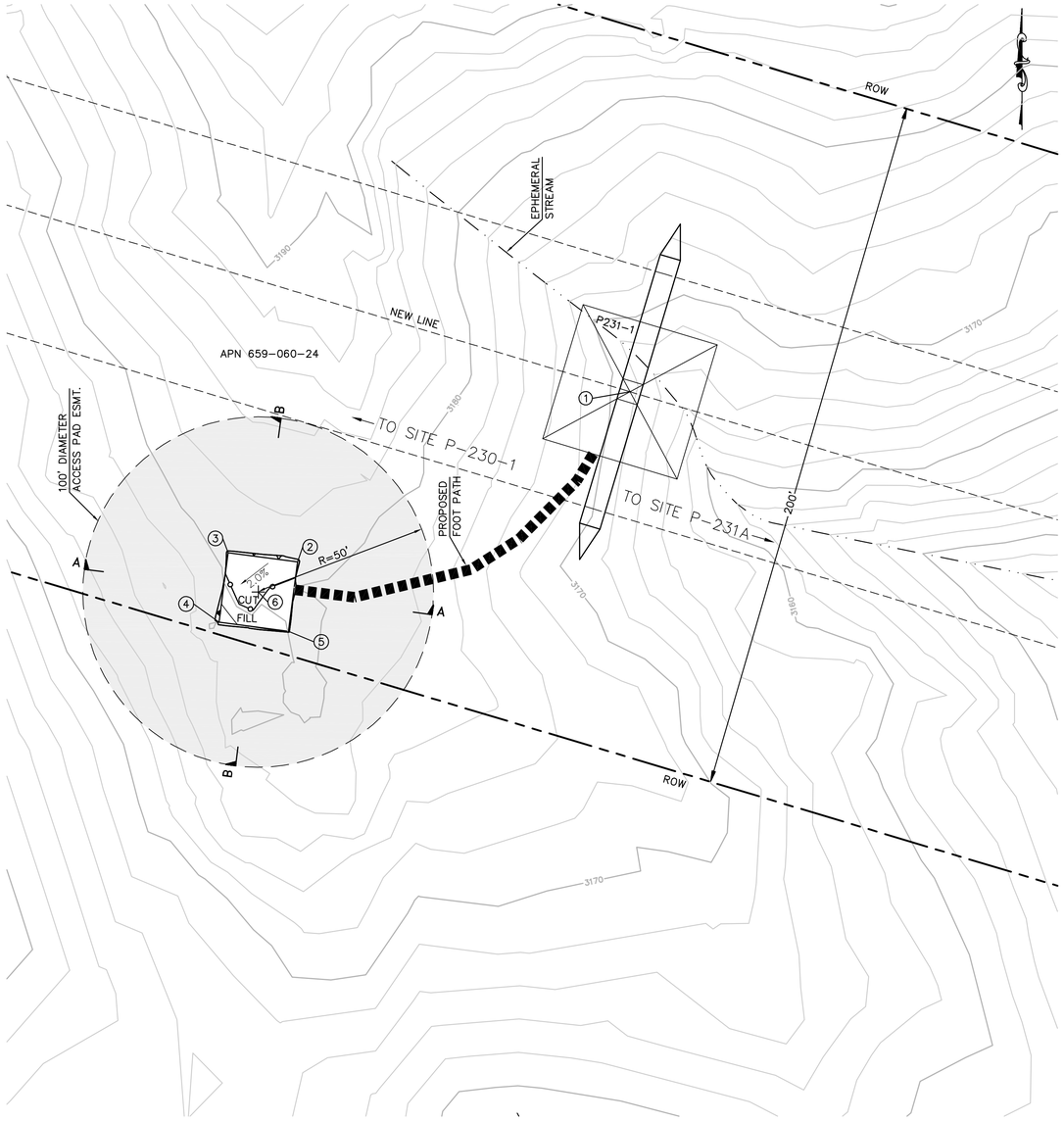
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

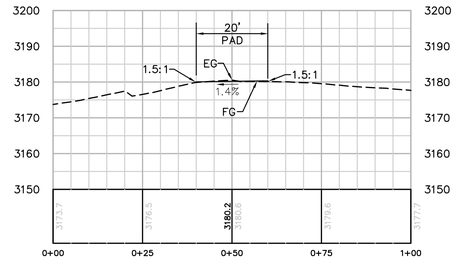
SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITES P229-1 & P230-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				09C-P229-1 & P230-1-TSAP
CAD NO.:	PLOT SCALE: 1 = 1				

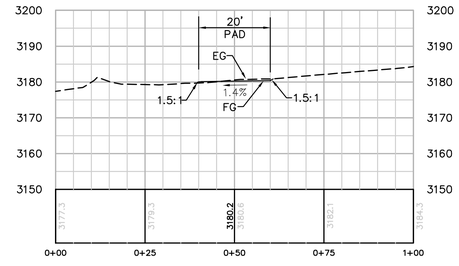


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-231-1	500 KV EXMT Lattice Tangent Tower	0.00	100.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1811664.87	6573652.70	(3168.93)	P-231-1
2	1811616.37	6573557.88	3180.49	FG
3	1811618.96	6573538.05	3180.21	FG
4	1811599.13	6573535.46	3179.93	FG
5	1811596.54	6573555.29	3180.21	FG
6	1811607.75	6573546.67		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

EARTH QUANTITIES:
CUT: 2 CY
FILL: 1 CY
NET: 1 CY

DISTURBED AREA:
PAD: 442 SF
TOTAL: 442 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-231-1
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

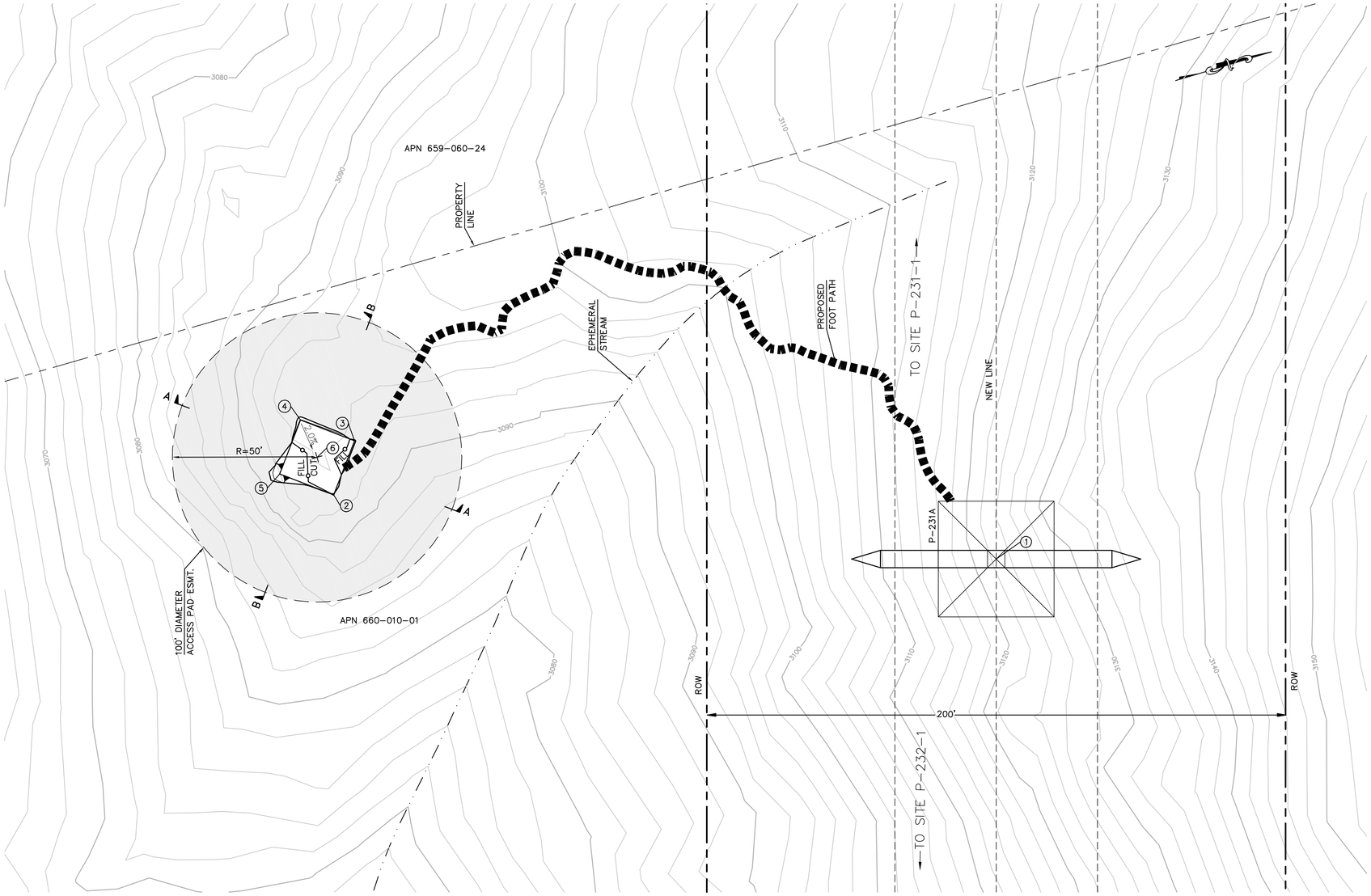
SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P231-1

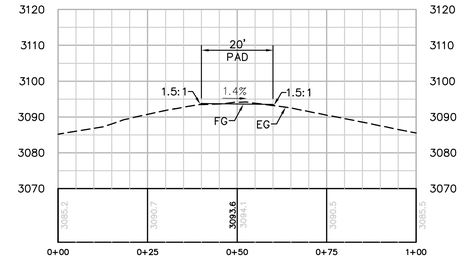
DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

09C-P231-1-TSAP

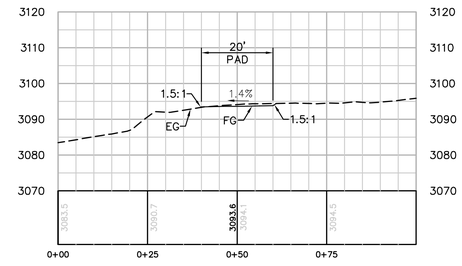
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-231A	500 KV EXMT Lattice Tangent Tower	0.00	106.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1811400.61	6574534.28	(3123.03)	P-231A
2	1811187.71	6574447.30	3093.34	FG
3	1811199.95	6574431.48	3093.62	FG
4	1811184.13	6574419.24	3093.90	FG
5	1811171.89	6574435.06	3093.62	FG
6	1811185.92	6574433.25		RP





SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

EARTH QUANTITIES:
CUT: 4 CY
FILL: 3 CY
NET: 1 CY

DISTURBED AREA:
PAD: 476 SF
TOTAL: 476 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

TOWER STAGING/ACCESS PAD FOR TOWER P-231A
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
No. 29708
Exp. 3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P231A

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P231A-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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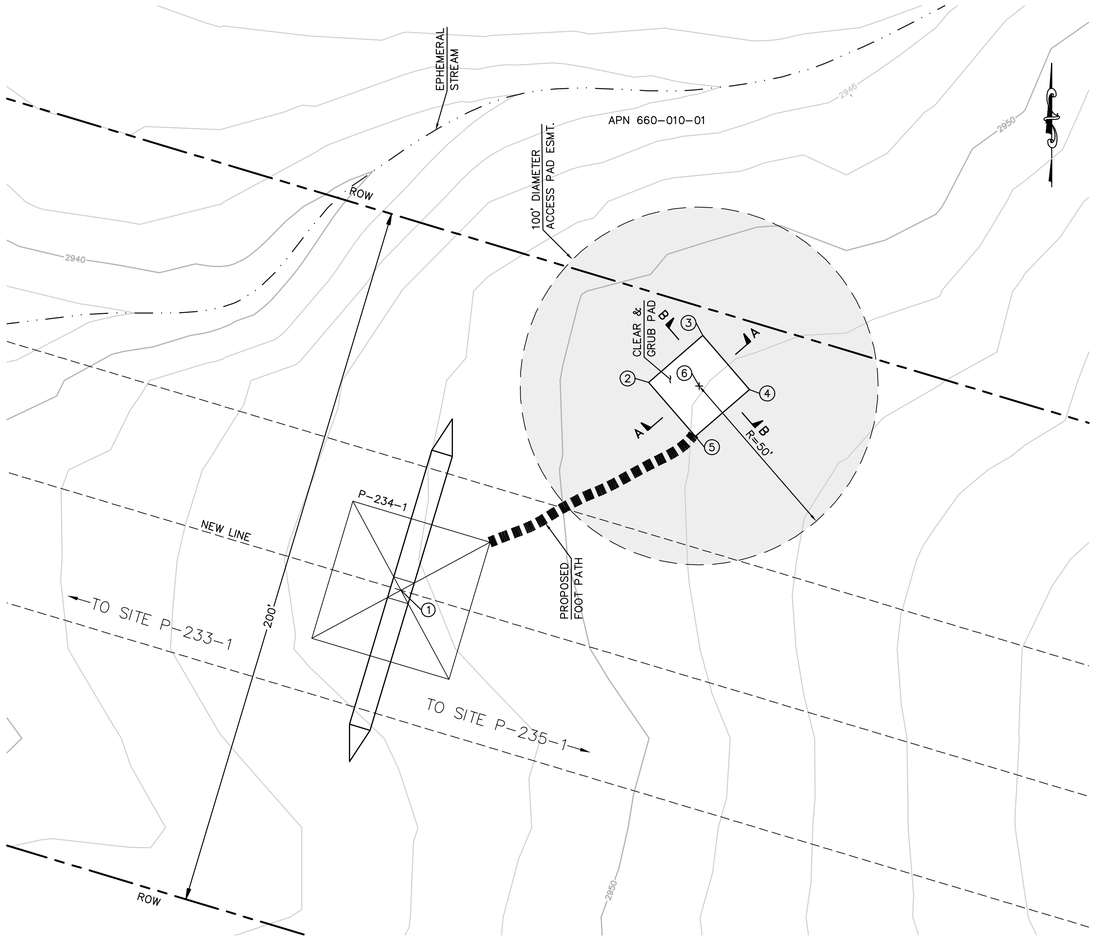


TOWER STAGING/ACCESS PAD FOR TOWER P-234-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

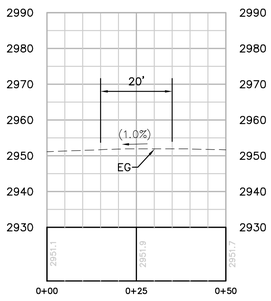
GRAPHIC SCALE
20 0 20 40
1"=20'

EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

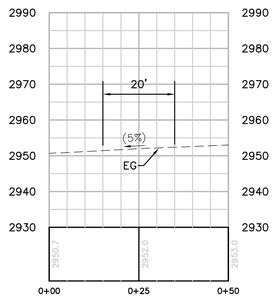
DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-234-1	500 KV EXMT Lattice Tangent Tower	0.00	145.50

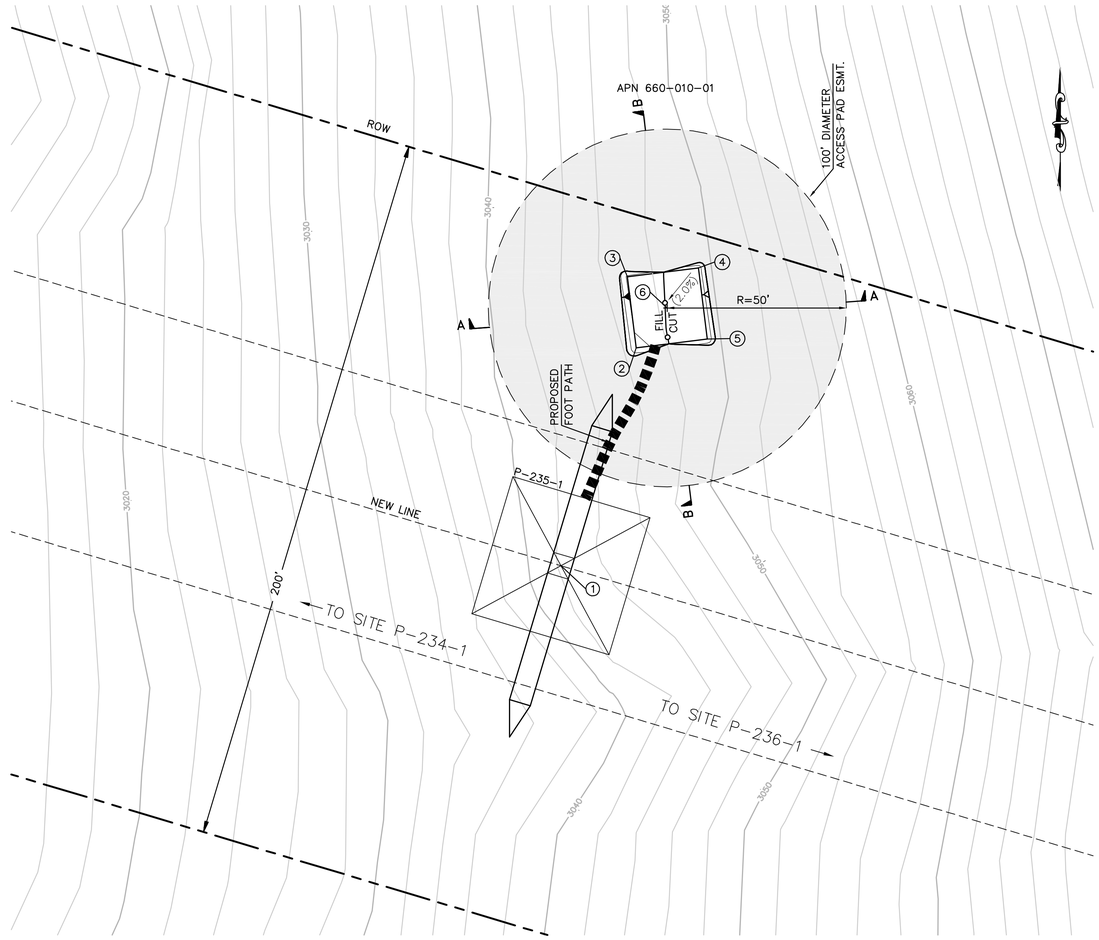


SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1810389.51	6577907.47	(2947.89)	P-234-1
2	1810447.63	6577976.71	(2951.34)	EG
3	1810460.73	6577991.83	(2951.43)	EG
4	1810445.61	6578004.92	(2952.43)	EG
5	1810432.52	6577989.80	(2952.08)	EG
6	1810446.62	6577990.81		RP



TOWER STAGING/ACCESS PAD FOR TOWER P-235-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

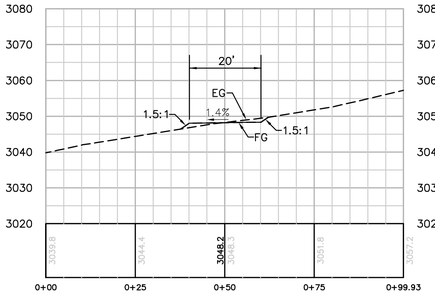
GRAPHIC SCALE
20 0 20 40
1"=20'

EARTH QUANTITIES:
CUT: 5 CY
FILL: 4 CY
NET: 1 CY

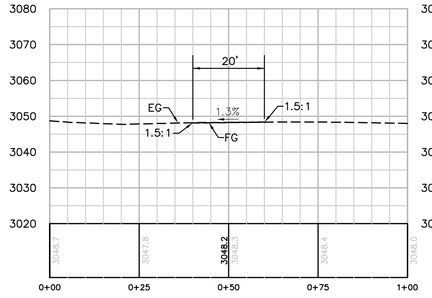
DISTURBED AREA:
PAD: 538 SF
TOTAL: 538 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-235-1	500 KV EXMT Lattice Tangent Tower	0.00	154.50



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 20'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1810092.32	6578898.95	(3042.24)	P-235-1
2	1810153.21	6578919.96	3047.90	FG
3	1810173.06	6578917.48	3048.16	FG
4	1810175.54	6578937.33	3048.47	FG
5	1810155.69	6578939.81	3048.21	FG
6	1810164.38	6578928.64		RP

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — RCE 29708 — Exp.3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

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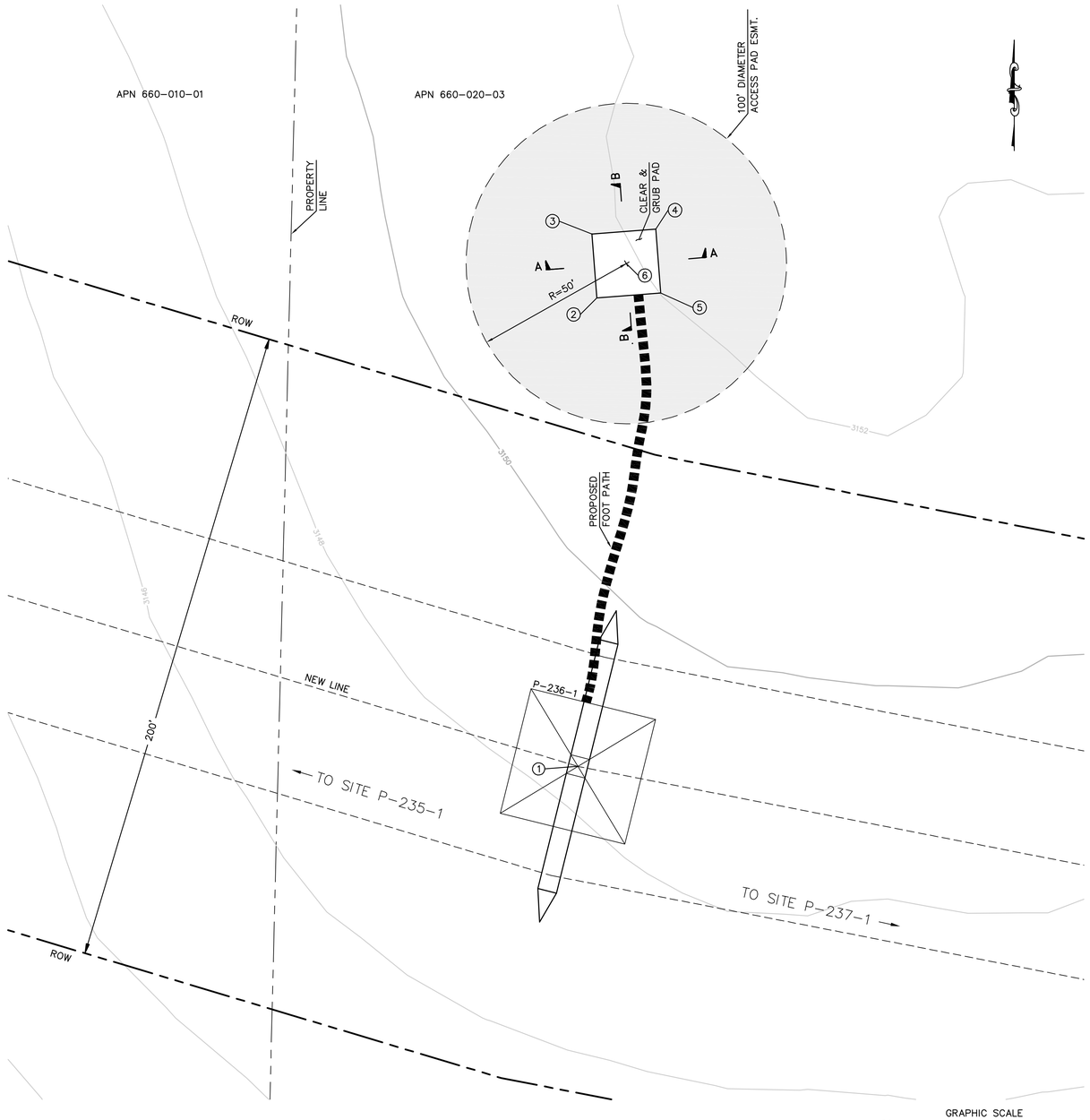
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P-234-1 & P-235-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P234-1 & P235-1-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:		PLOT SCALE: 1 = 1			



TOWER STAGING/ACCESS PAD FOR TOWER P-236-1
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

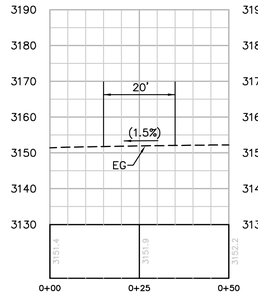
DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

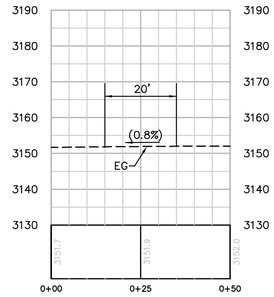
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-236-1	500 KV EXLA Lattice Angle Tower	-5.64	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809826.65	6579785.27	(3149.76)	P-236-1
2	1809972.78	6579791.15	(3151.69)	EG
3	1809992.72	6579789.60	(3151.85)	EG
4	1809994.27	6579809.54	(3152.14)	EG
5	1809974.33	6579811.09	(3152.00)	EG
6	1809983.52	6579800.35		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P236-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P236-1-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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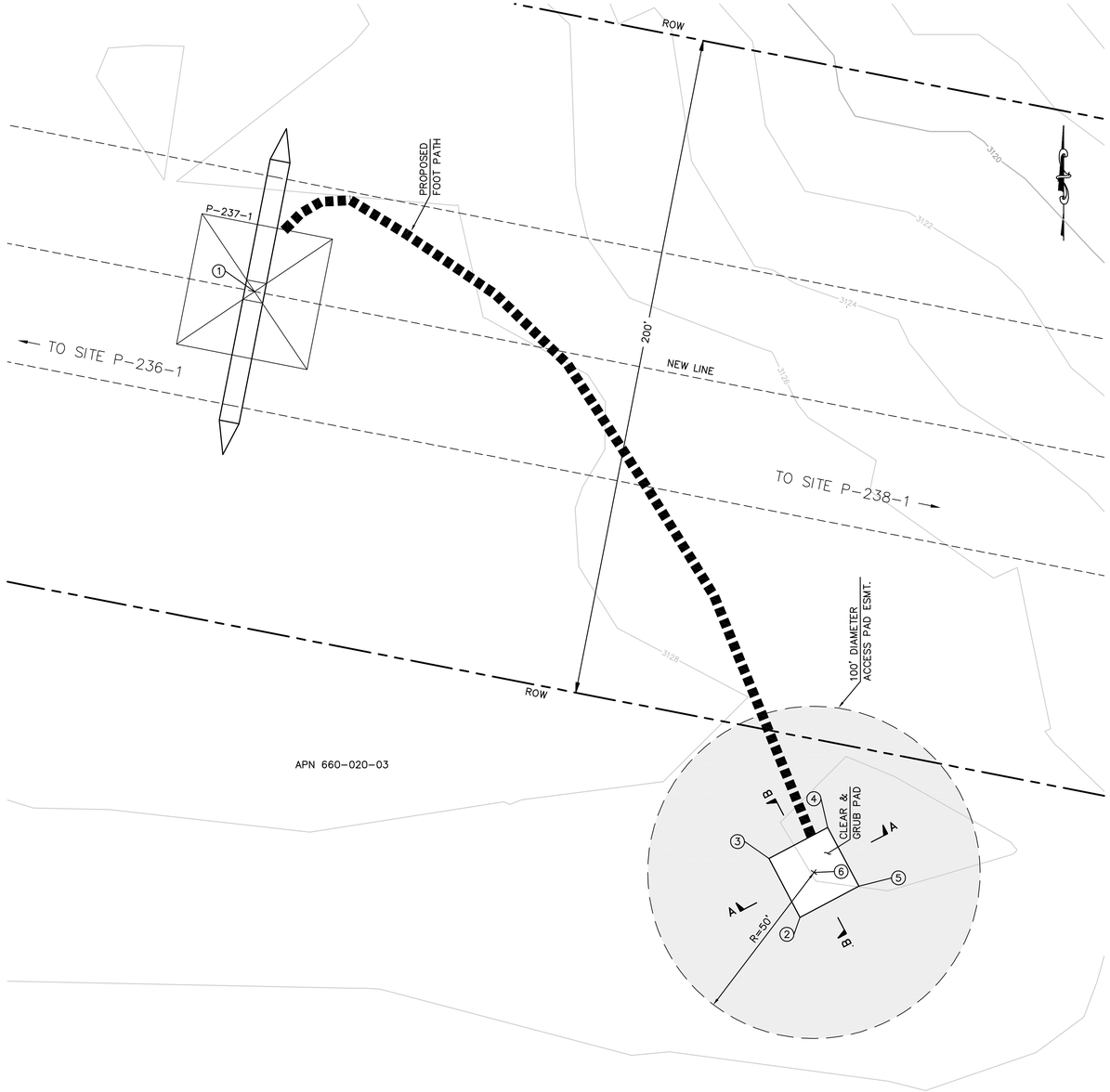
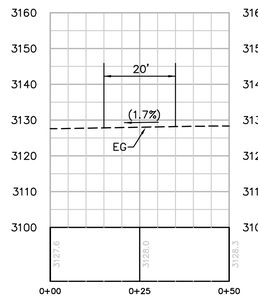
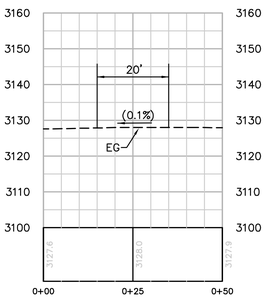


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-237-1	500 KV EXMT Lattice Tangent Tower	0.00	151.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809567.68	6581111.64	(3129.72)	P-237-1
2	1809379.30	6581275.74	(3127.72)	EG
3	1809396.98	6581266.39	(3127.86)	EG
4	1809406.33	6581284.07	(3128.19)	EG
5	1809388.65	6581293.42	(3128.00)	EG
6	1809392.81	6581279.90		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

TOWER STAGING/ACCESS PAD FOR TOWER P-237-1

(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SUTTER — RCE 29708 — EXP. 3-31-17 — CIVIL — STATE OF CALIFORNIA

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P237-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P237-1-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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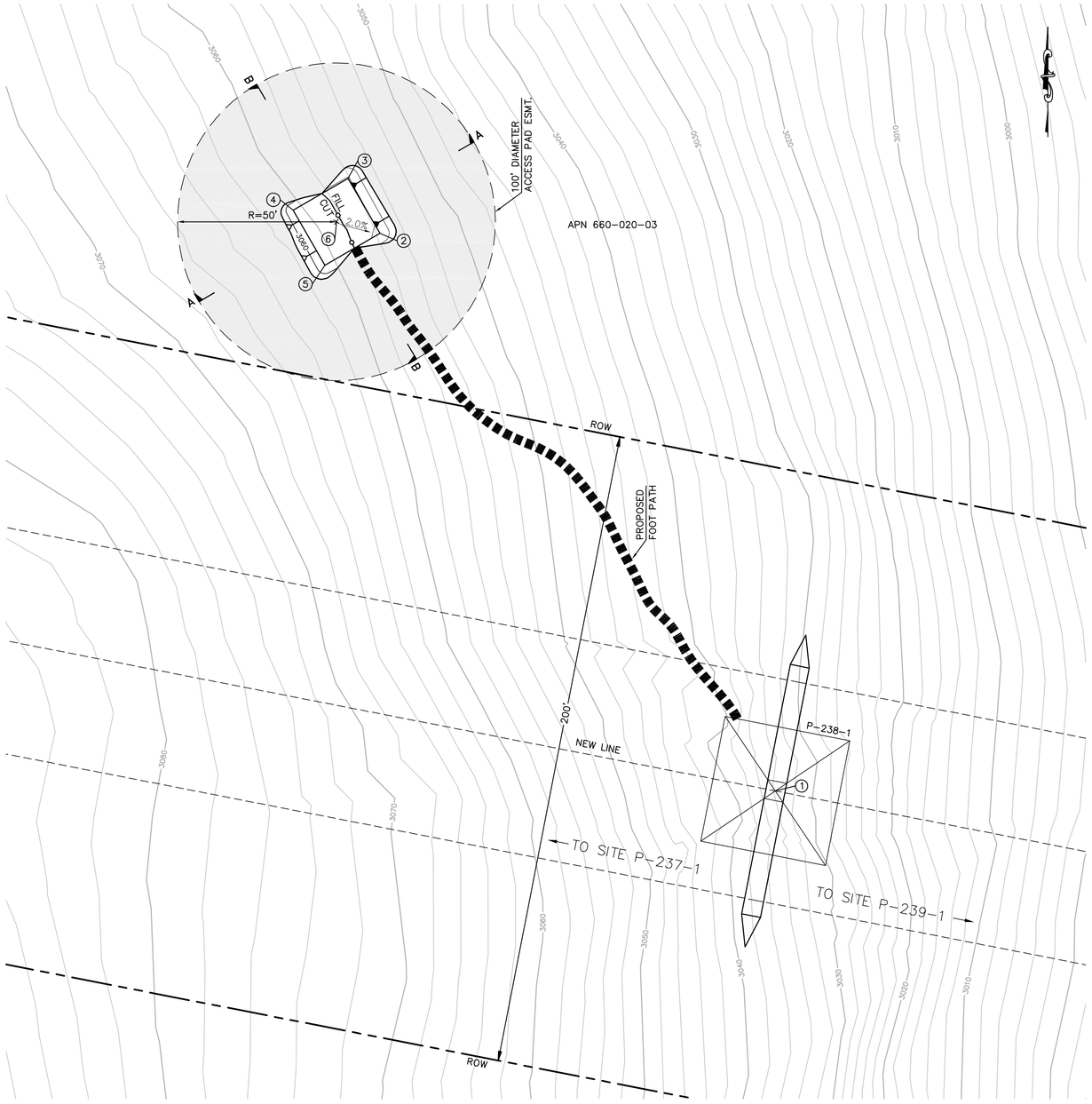
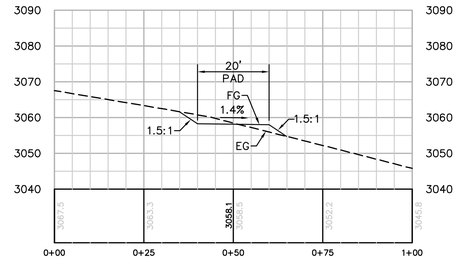


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-238-1	500 KV EXMT Lattice Tangent Tower	0.00	145.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809390.70	6582018.10	(3033.73)	P-238-1
2	1809566.23	6581893.61	3057.96	FG
3	1809583.52	6581883.56	3058.24	FG
4	1809573.47	6581866.27	3058.52	FG
5	1809556.18	6581876.32	3058.24	FG
6	1809569.85	6581879.94		RP



SECTION A-A

HORIZ. & VERT. SCALE: 1"=20'

SECTION B-B

HORIZ. & VERT. SCALE: 1"=20'

EARTH QUANTITIES:
CUT: 16 CY
FILL: 13 CY
NET: 3 CY

DISTURBED AREA:
PAD: 720 SF
TOTAL: 720 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-238-1

SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

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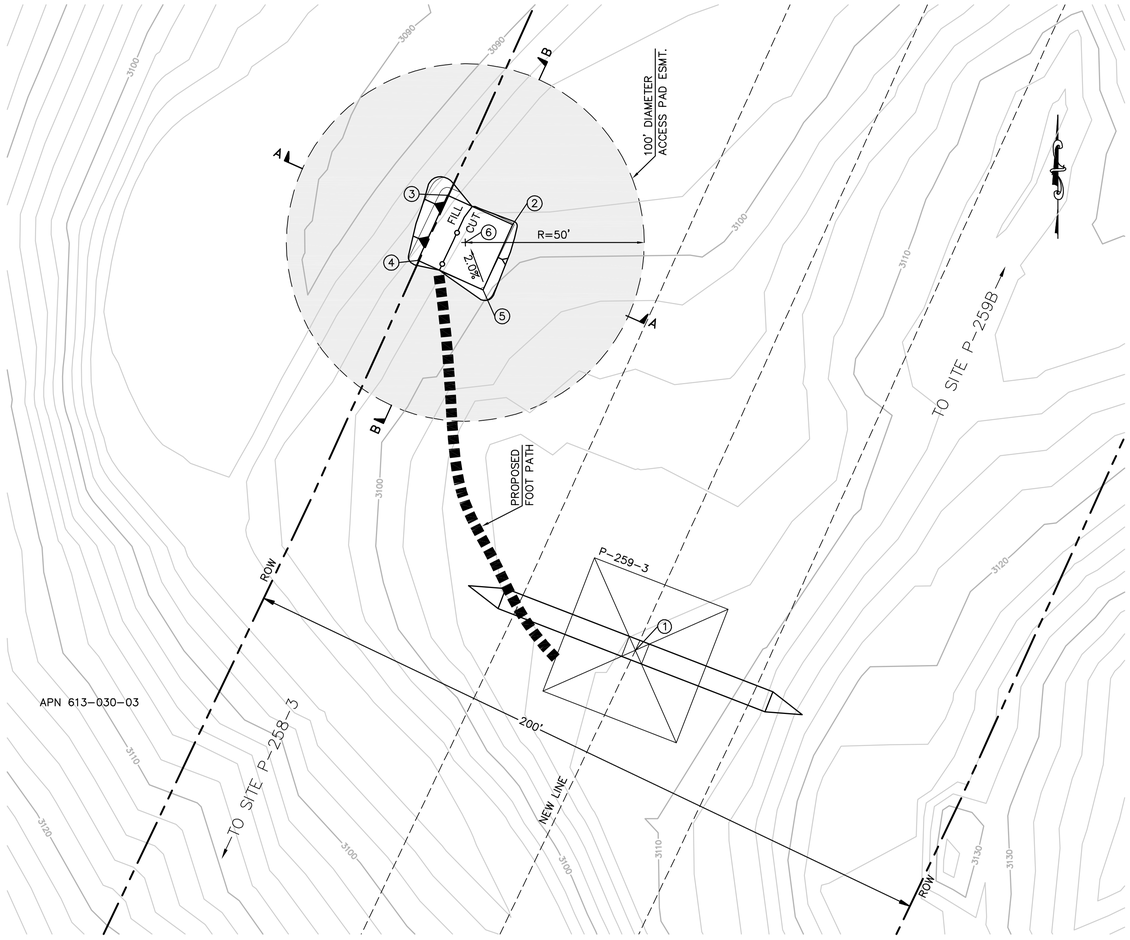
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P-238-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P238-1-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



EARTH QUANTITIES:
CUT: 10 CY
FILL: 8 CY
NET: 2 CY

DISTURBED AREA:
PAD: 624 SF
TOTAL: 624 SF

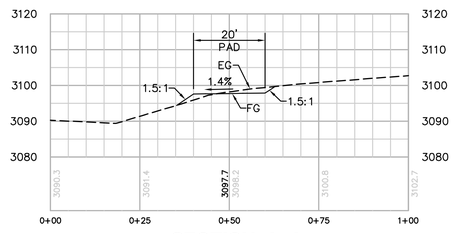
TOWER STAGING/ACCESS PAD FOR TOWER P-259-3
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

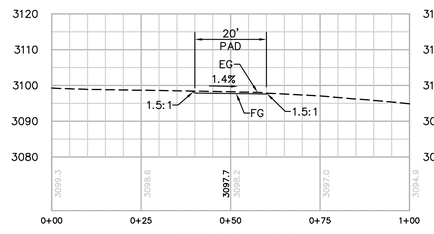
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1814183.74	6606833.77	(3110.57)	P-259-3
2	1814302.68	6606799.46	3097.73	FG
3	1814310.94	6606781.25	3097.45	FG
4	1814292.73	6606772.99	3097.73	FG
5	1814284.47	6606791.20	3098.01	FG
6	1814297.71	6606786.23		RP

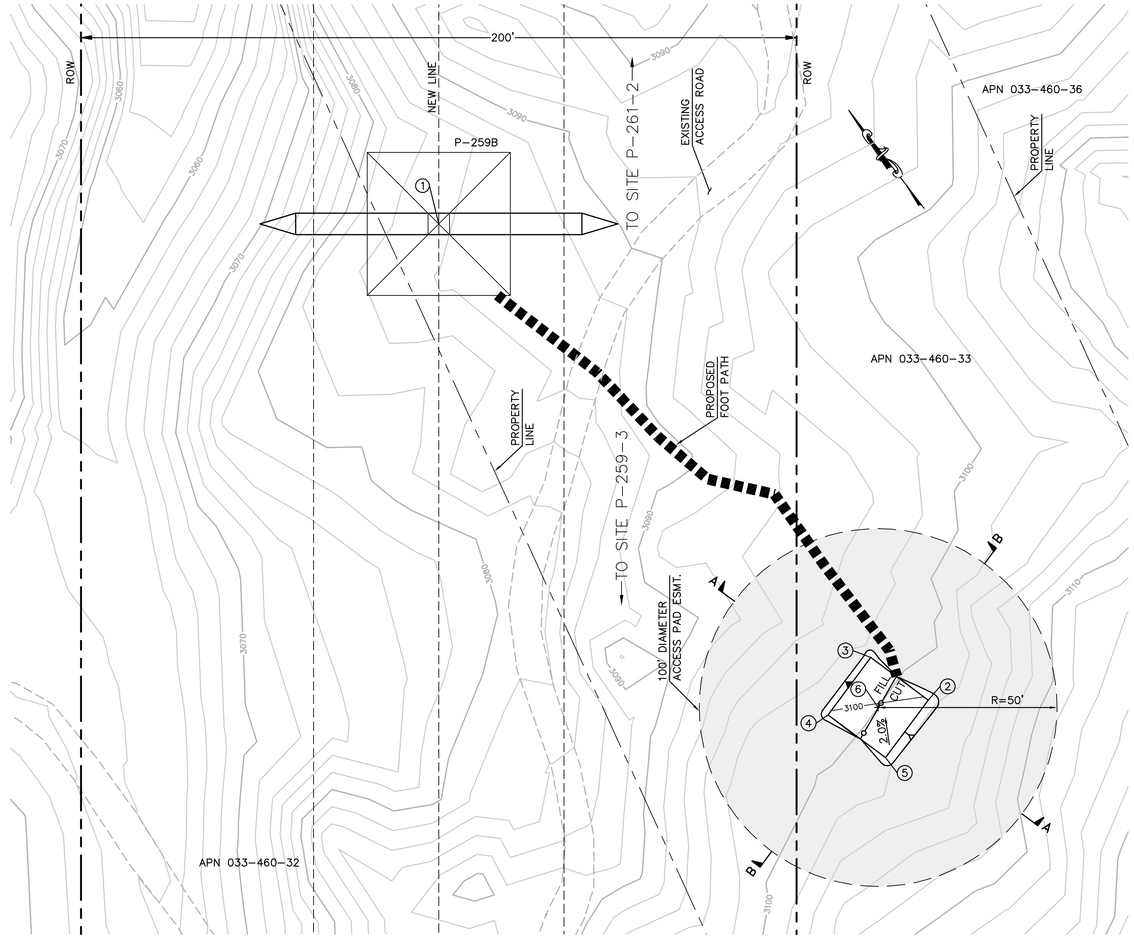
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-259-3	500 KV EXMT Lattice Tangent Tower	-1.15	169.50



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'



EARTH QUANTITIES:
CUT: 7 CY
FILL: 5 CY
NET: 2 CY

DISTURBED AREA:
PAD: 548 SF
TOTAL: 548 SF

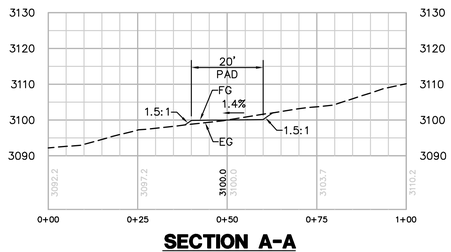
TOWER STAGING/ACCESS PAD FOR TOWER P-259B
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

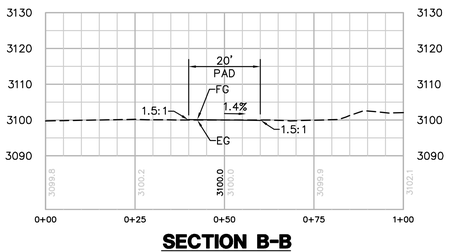
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-259B	500 KV EXMT Lattice Tangent Tower	0.00	121.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1815051.52	6607226.26	(3086.93)	P-259B
2	1814873.87	6607296.01	3100.02	FG
3	1814891.34	6607286.27	3099.74	FG
4	1814881.59	6607268.80	3100.02	FG
5	1814864.13	6607278.54	3100.30	FG
6	1814877.73	6607282.40		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. NO. 29708 — Exp. 3-31-17 — CIVIL — STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITES P259-3 & P259B

DRAWN BY: OO	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				09C-P259-3 & P259B-TSAP
CAD NO.:	PLOT SCALE: 1 = 1				

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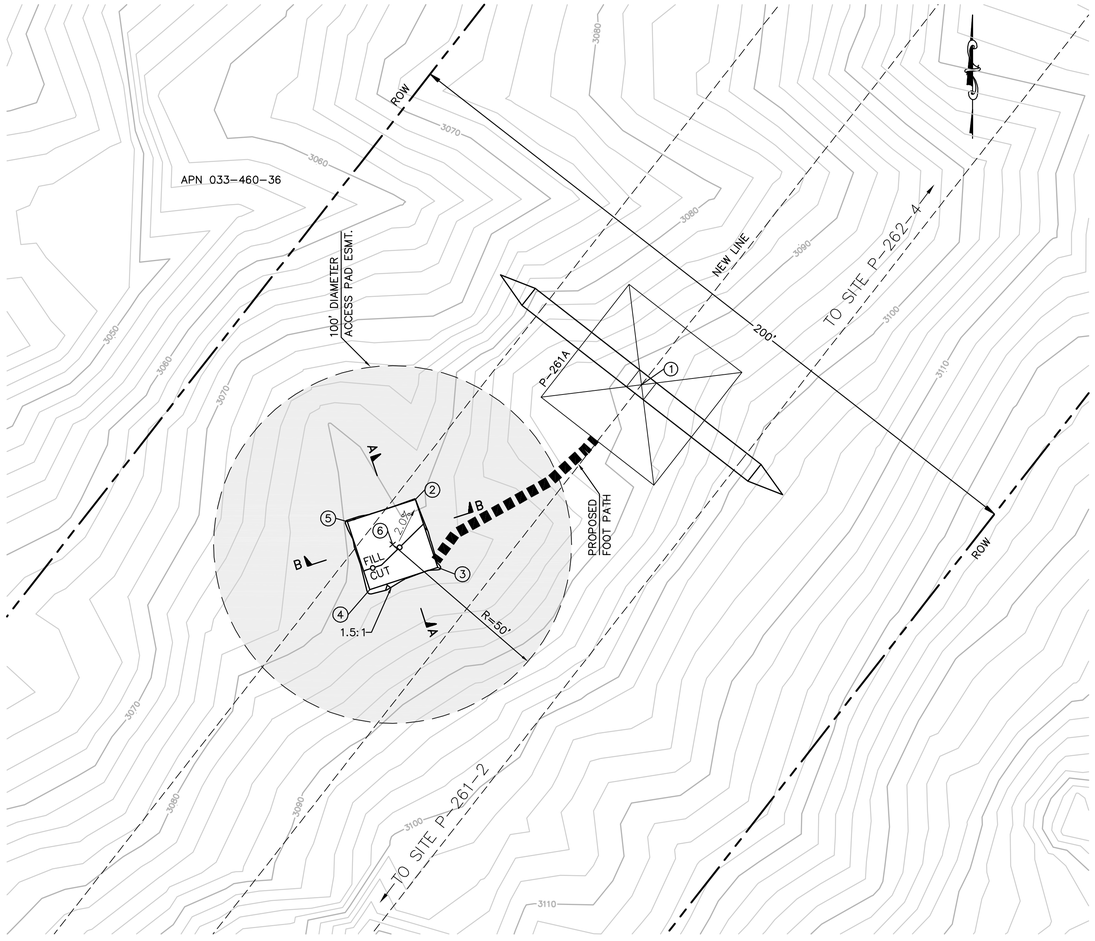


EARTH QUANTITIES:
CUT: 2 CY
FILL: 1 CY
NET: 1 CY

DISTURBED AREA:
PAD: 433 SF
TOTAL: 433 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-261A
(THIS IS NOT A HELIPORT)

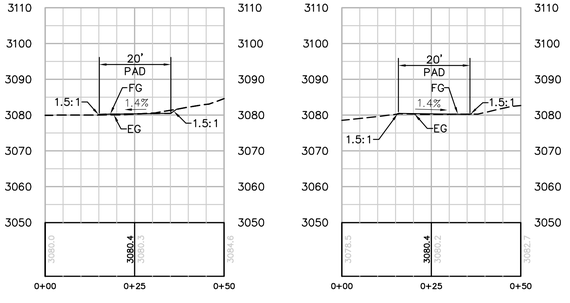
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

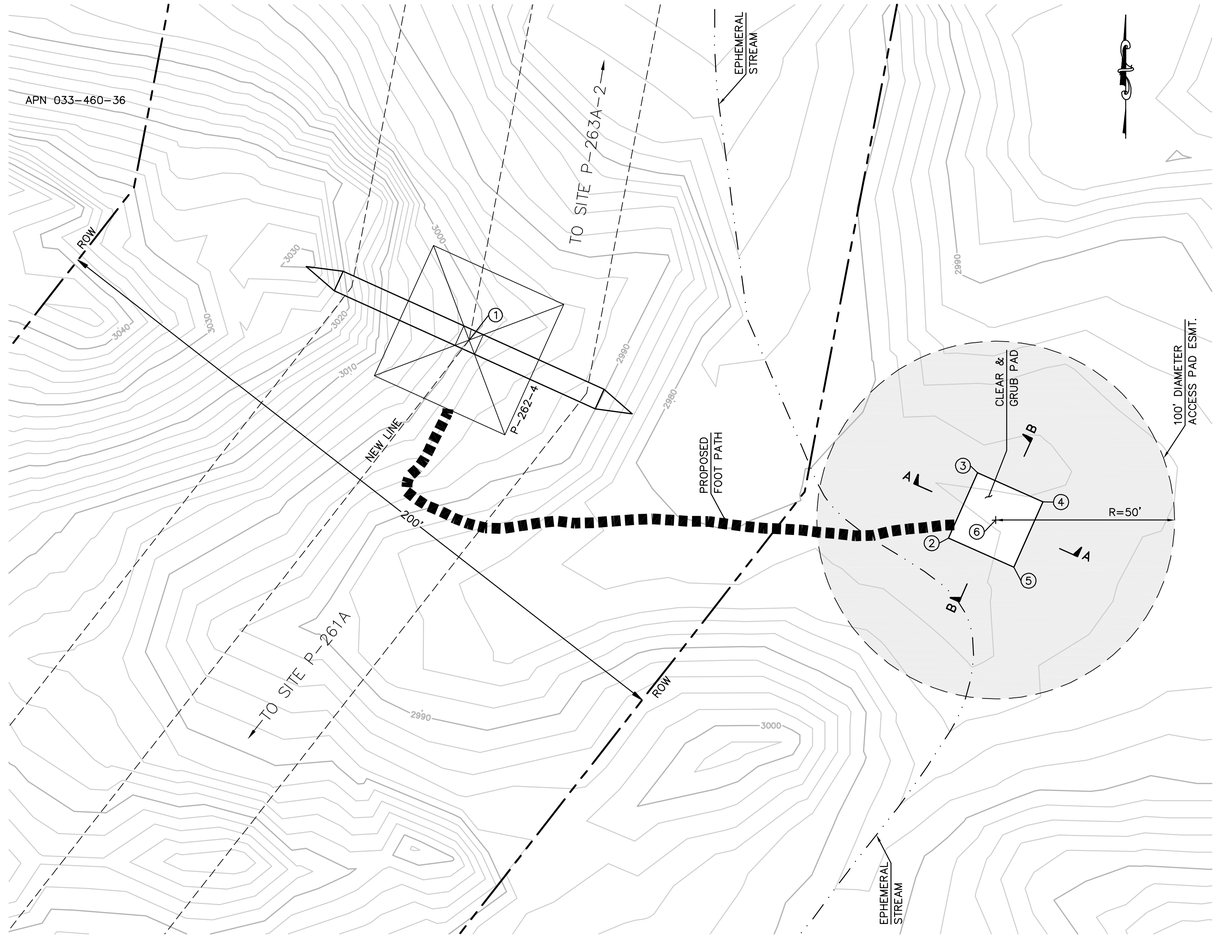
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-261A	500 KV EXMT Lattice Tangent Tower	0.00	148.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1816717.32	6608192.97	(3091.96)	P-261A
2	1816685.28	6608129.78	3080.07	FG
3	1816666.28	6608136.03	3080.46	FG
4	1816660.04	6608117.02	3080.74	FG
5	1816679.04	6608110.78	3080.34	FG
6	1816672.66	6608123.40		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'

SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'



EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-262-4
(THIS IS NOT A HELIPORT)

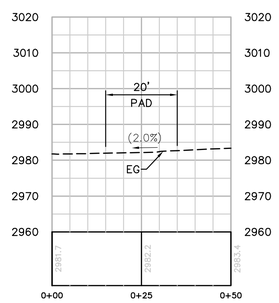
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

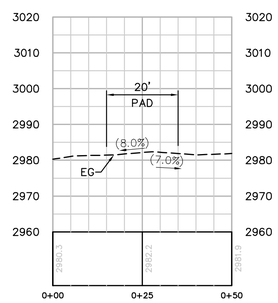
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-262-4	500 KV EXLD Lattice Dead-end Tower	-27.21	171.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1817499.39	6608802.89	(3000.87)	P-262-4
2	1817444.03	6608936.83	(2981.14)	EG
3	1817462.29	6608944.98	(2981.69)	EG
4	1817454.14	6608963.25	(2982.27)	EG
5	1817435.88	6608955.10	(2982.62)	EG
6	1817449.09	6608950.04		RP



SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B
HORIZ. & VERT. SCALE: 1"=20'

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RCE 29708
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REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITES P261A & P262-4

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P261A & P262-4-TSAP
CAD NO.:	PLOT SCALE: 1 = 1		

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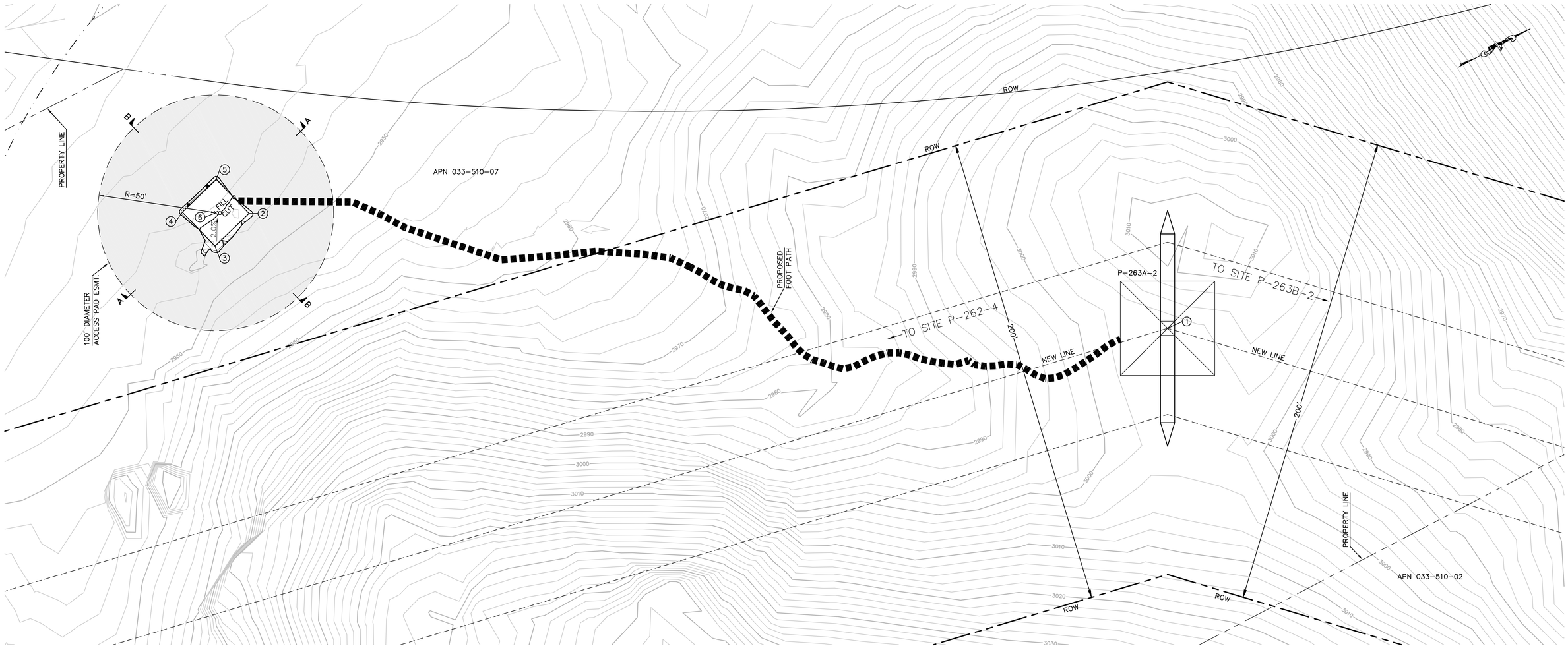


EARTH QUANTITIES:
CUT: 6 CY
FILL: 4 CY
NET: 2 CY

DISTURBED AREA:
PAD: 521 SF
TOTAL: 521 SF

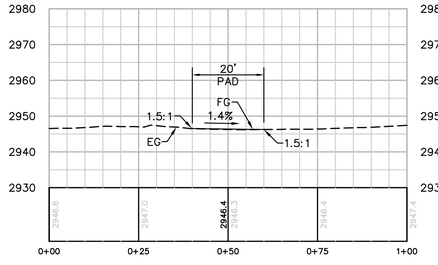
PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

TOWER STAGING/ACCESS PAD FOR TOWER P-263A-2

(THIS IS NOT A HELIPORT)

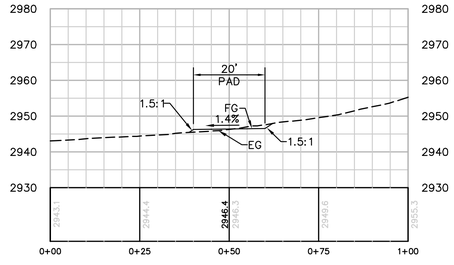
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'



SECTION A-A

HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B

HORIZ. & VERT. SCALE: 1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1818441.98	6608981.68	(3002.22)	P-263A-2
2	1818119.14	6608758.97	2946.42	FG
3	1818099.95	6608764.60	2946.70	FG
4	1818094.31	6608745.41	2946.42	FG
5	1818113.50	6608739.78	2946.14	FG
6	1818106.73	6608752.19		RP

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-263A-2	500 KV EXMD Lattice Dead-end Tower	33.45	168.75

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REVISIONS

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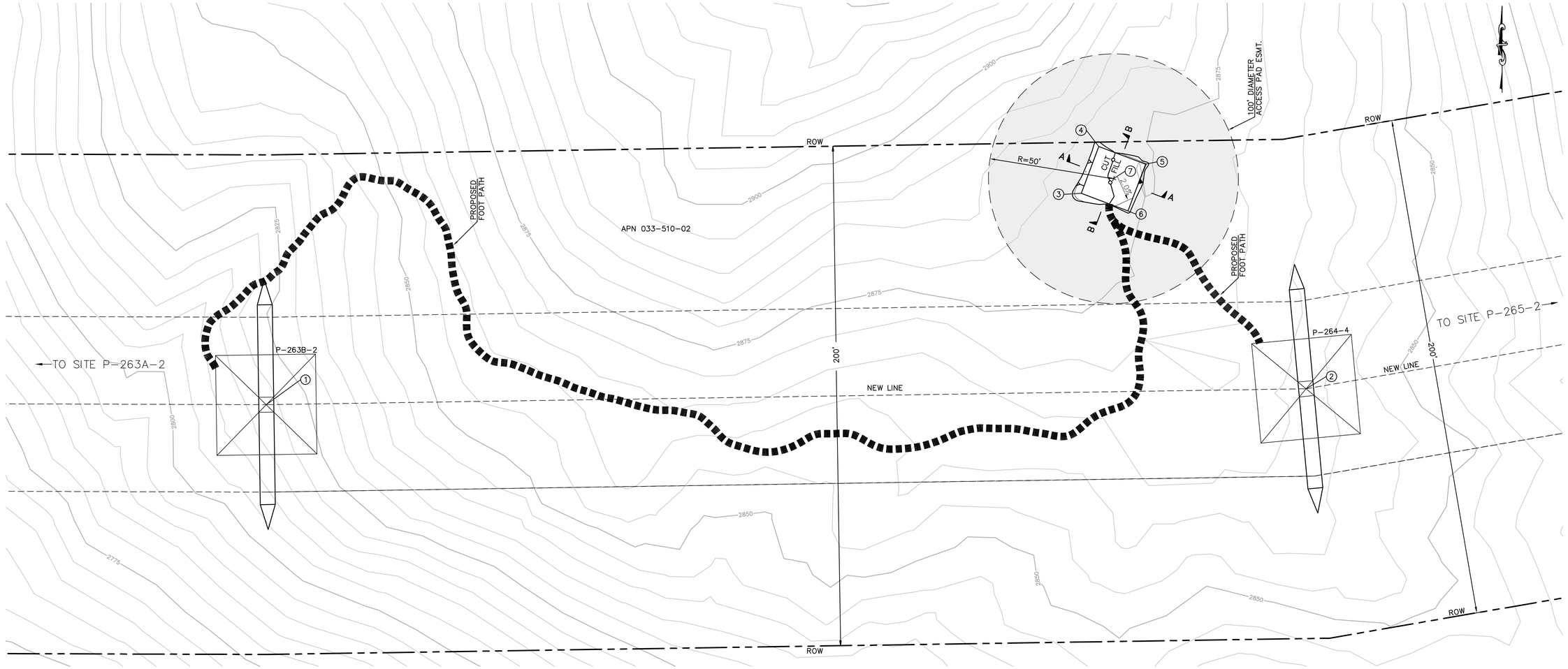
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P263A-2

DRAWN BY: 00	DATE:	SCALE: 1" = 20' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P263A-2-TSAP
CAD NO.:	PLOT SCALE: 1 = 1		



EARTH QUANTITIES:
CUT: 7 CY
FILL: 6 CY
NET: 1 CY

DISTURBED AREA:
PAD: 529 SF
TOTAL: 529 SF

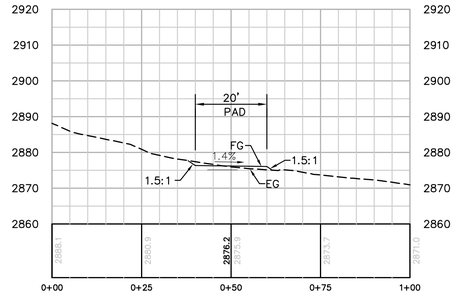
PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

TOWER STAGING/ACCESS PAD FOR TOWERS P-263B-2 & P-264-4

(THIS IS NOT A HELIPORT)

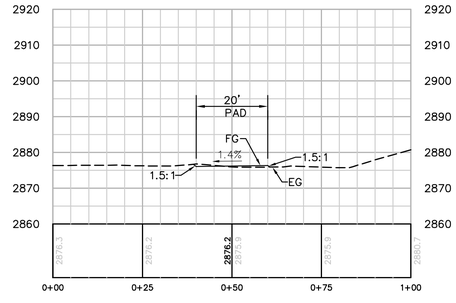
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'



SECTION A-A

HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B

HORIZ. & VERT. SCALE: 1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1819899.64	6610398.87	(2817.93)	P-263B-2
2	1820203.18	6610683.27	(2862.41)	P-264-4
3	1820192.86	6610564.50	2876.21	FG
4	1820210.93	6610555.93	2876.49	FG
5	1820219.50	6610574.00	2876.20	FG
6	1820201.43	6610582.57	2875.92	FG
7	1820206.18	6610569.25		RP

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-264-4	500 KV EXHD Lattice Dead-End Tower	-8.91	147.75
P-263B-2	500 KV EXHD Lattice Dead-End Tower	-1.06	156.75

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CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITES P263B-2 & P264-4

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				09C-P263B-2 & P264-4-TSAP
CAD NO.:	PLOT SCALE: 1 = 1				

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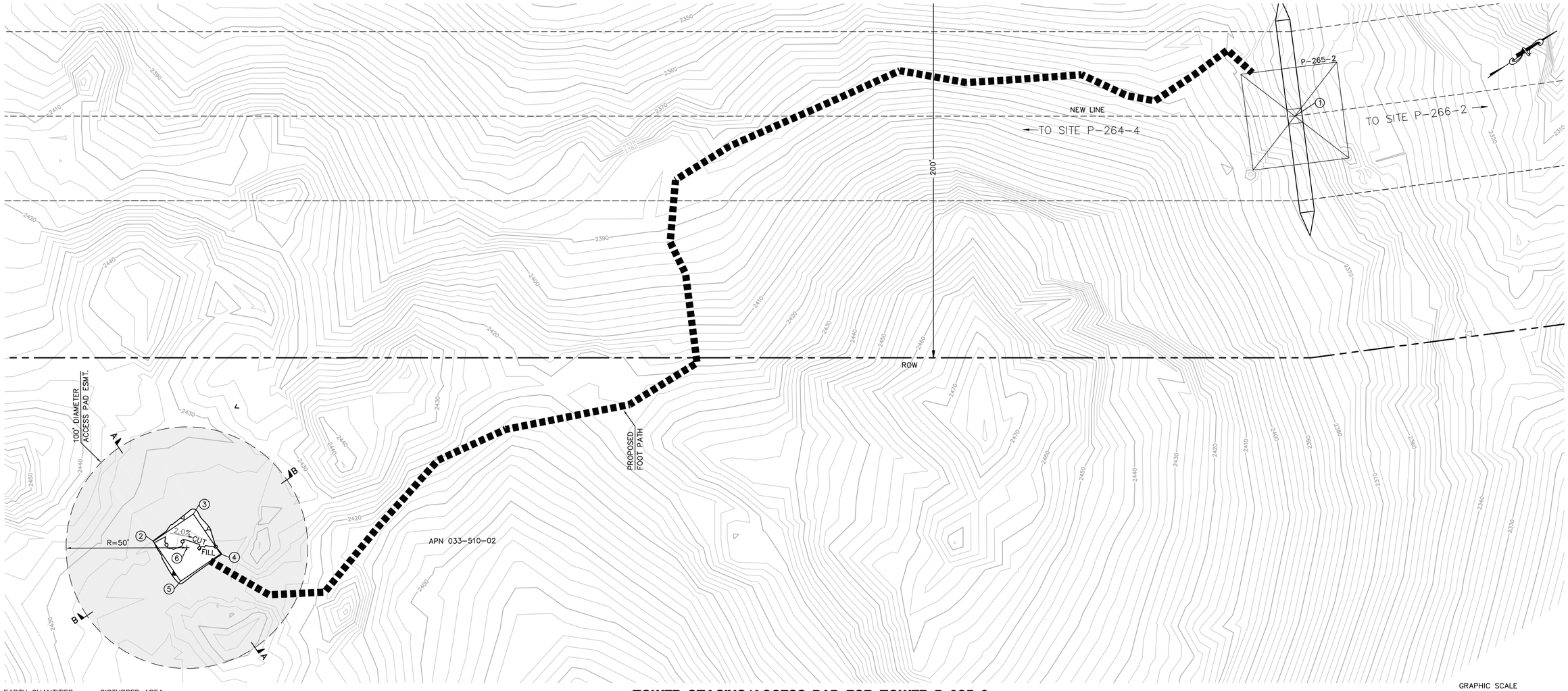
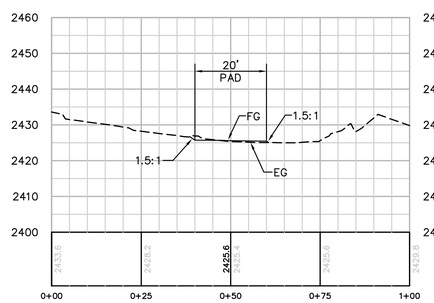


EARTH QUANTITIES:
CUT: 5 CY
FILL: 4 CY
NET: 1 CY

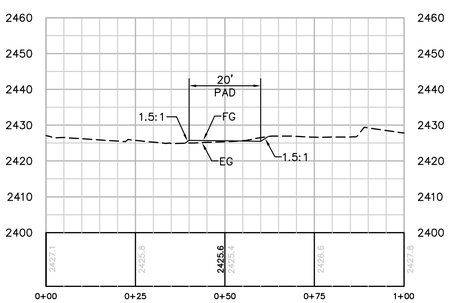
DISTURBED AREA:
PAD: 488 SF
TOTAL: 488 SF

PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

TOWER STAGING/ACCESS PAD FOR TOWER P-265-2
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 20'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-265-2	500 KV EXLD Lattice Dead-end Tower	-7.59	162.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1821389.48	6611490.32	(2360.56)	P-265-2
2	1820900.22	6611370.25	2425.90	FG
3	1820920.22	6611370.25	2425.62	FG
4	1820920.22	6611390.25	2425.33	FG
5	1820900.22	6611390.25	2425.62	FG
6	1820910.22	6611380.25		RP

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ROE 29708
Exp.3-31-11
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STATE OF CALIFORNIA

REVISIONS

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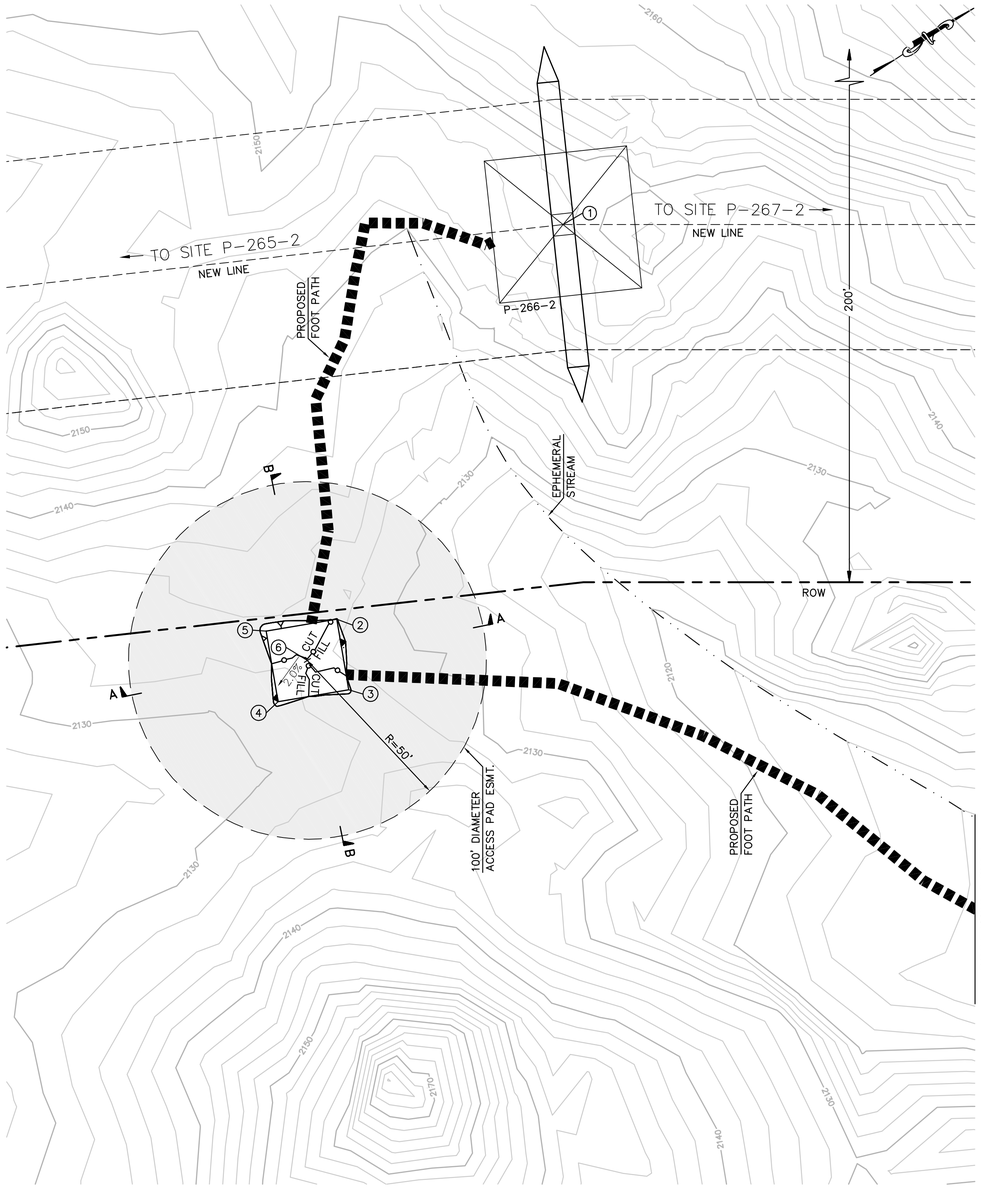
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

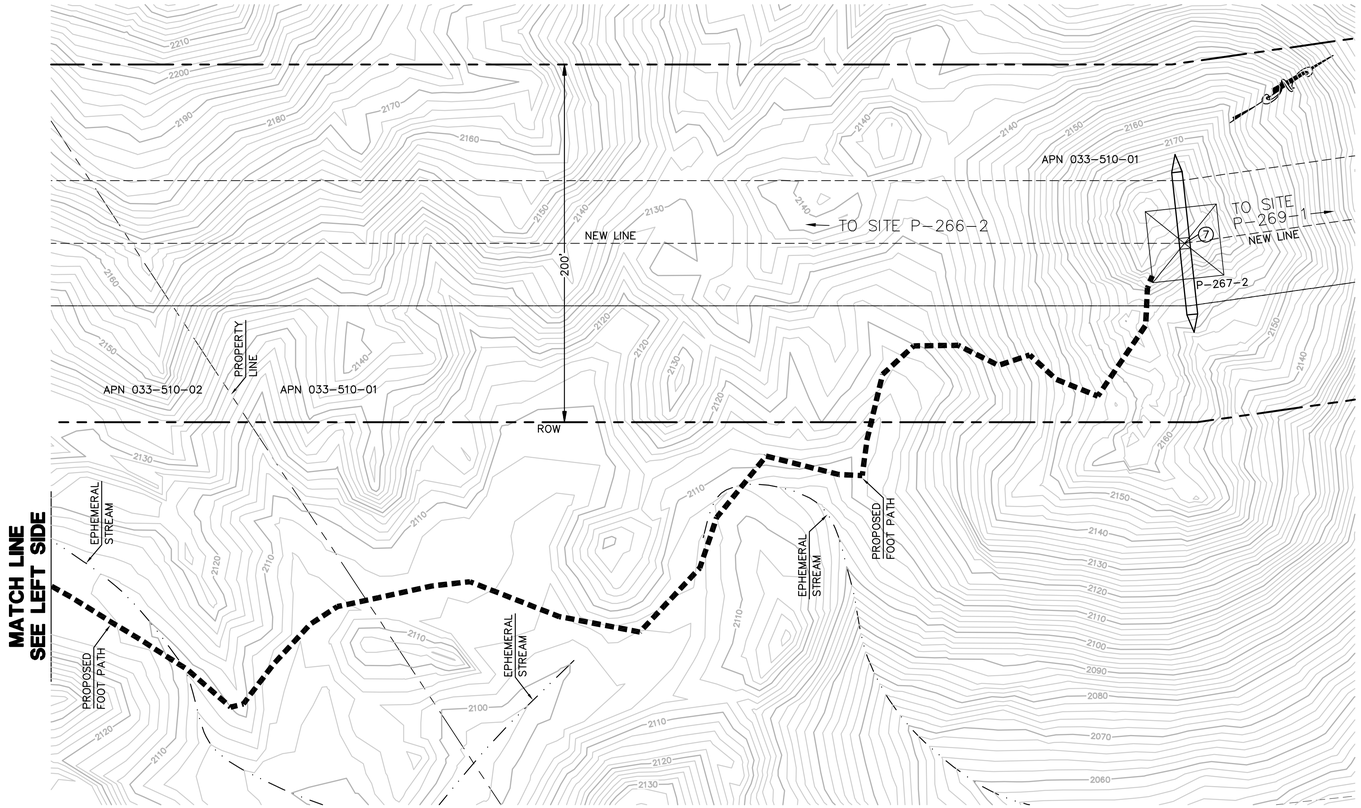
SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P-265-2

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09C-P265-2-TSAP





GRAPHIC SCALE
40 0 40 80
1"=40'

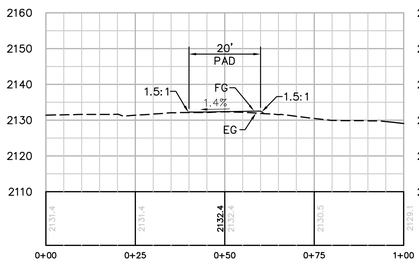
TOWER STAGING/ACCESS PAD FOR TOWER P-266-2 & P-267-2

(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

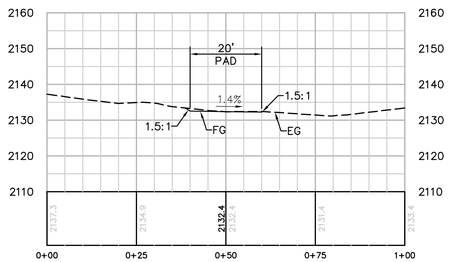
GRAPHIC SCALE
20 0 20 40
1"=20'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-266-2	500 KV EXMA Lattice Angle Tower	6.47	169.50
P-267-2	500 KV EXLD Lattice Dead-end Tower	-8.13	129.75



SECTION A-A

HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B

HORIZ. & VERT. SCALE: 1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1822779.97	6612187.81	(2147.35)	P-266-2
2	1822666.70	6612245.69	2132.66	FG
3	1822658.74	6612264.04	2132.38	FG
4	1822640.39	6612256.08	2132.10	FG
5	1822648.35	6612237.73	2132.38	FG
6	1822653.54	6612250.88		RP
7	1823407.24	6612596.83	(2178.15)	P-267-2

EARTH QUANTITIES:
CUT: 3 CY
FILL: 2 CY
NET: 1 CY

DISTURBED AREA:
PAD: 470 SF
TOTAL: 470 SF

PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

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REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P-266-2 & 267-2

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				09C-P266-2 & P267-2-TSAP

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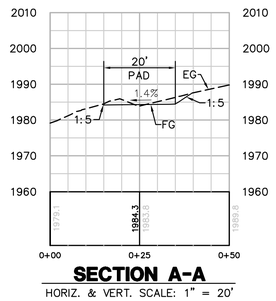
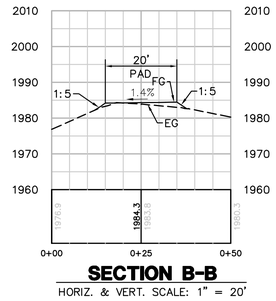


SECTION A-A

HORIZ. & VERT. SCALE: 1" = 20'



SECTION B-B

HORIZ. & VERT. SCALE: 1" = 20'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-269-1	500 KV EXHD Lattice Dead-end Tower	-1.92	141.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1825490.79	6613567.40	(1999.79)	P-269-1
2	1825608.75	6613518.15	1984.60	FG
3	1825625.62	6613507.40	1984.32	FG
4	1825614.87	6613490.53	1984.04	FG
5	1825598.00	6613501.28	1984.32	FG
6	1825611.81	6613504.34		RP

EARTH QUANTITIES:
CUT: 7 CY
FILL: 5 CY
NET: 2 CY

DISTURBED AREA:
PAD: 575 SF
TOTAL: 575 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-269-1

(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\Helipads\9C-P269-1 TSAP.dwg[JMay-24-2010]5:55

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
No. 29708
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

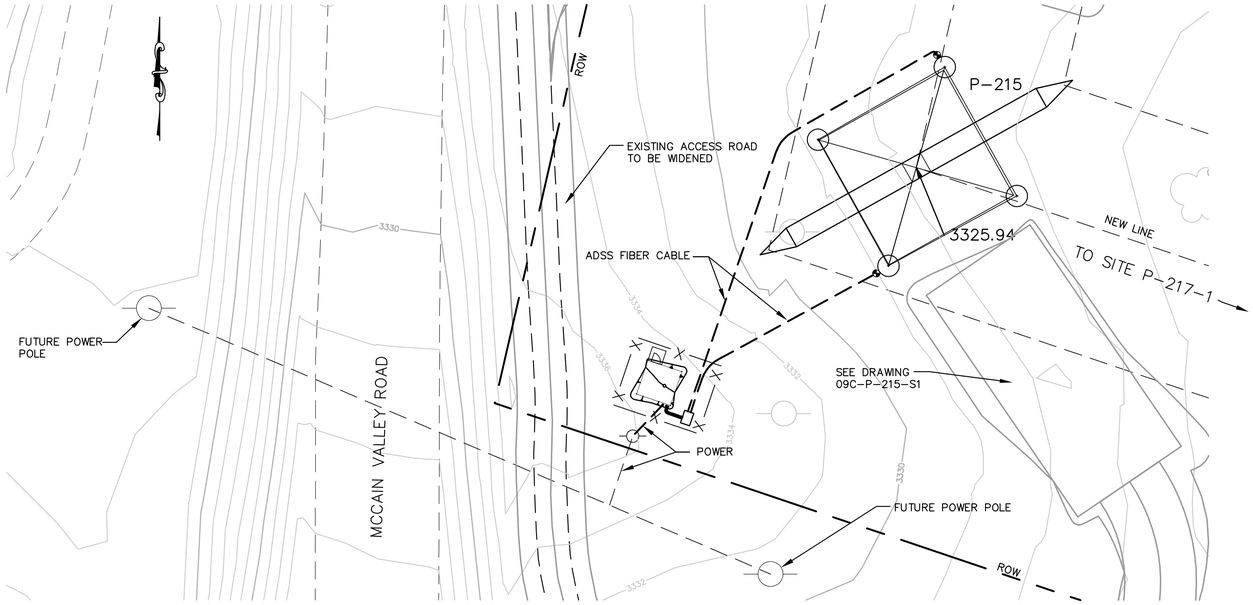
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITES P-269-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	09C-P269-1-TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



REGENERATION SITE: TOWER P-215 PLAN

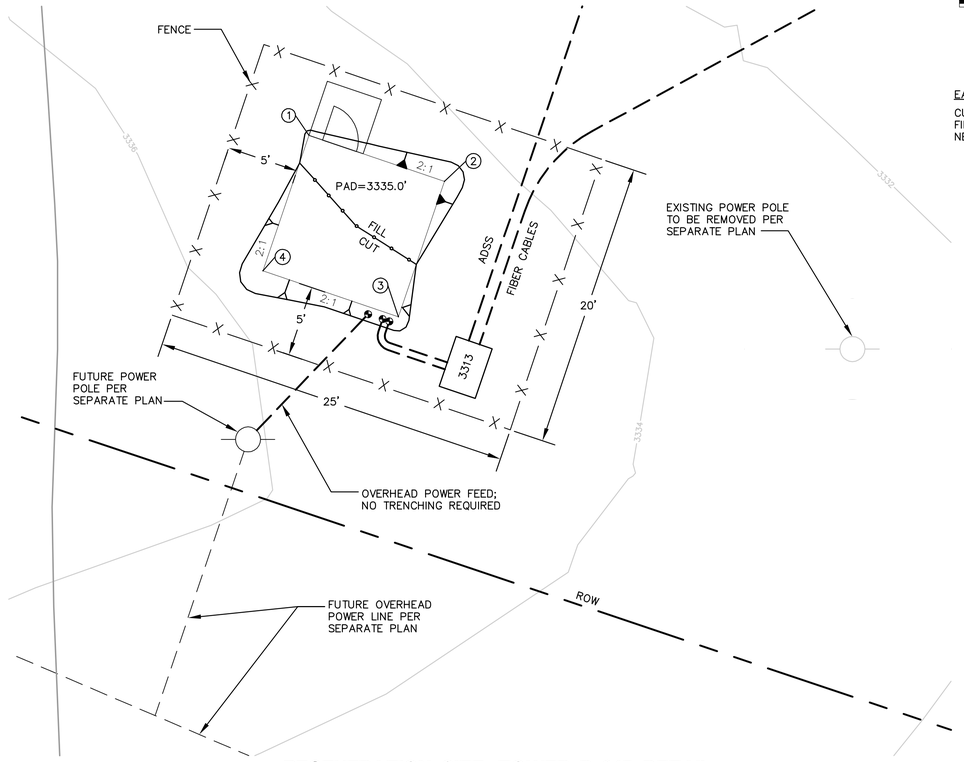
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

EARTHWORK QUANTITIES

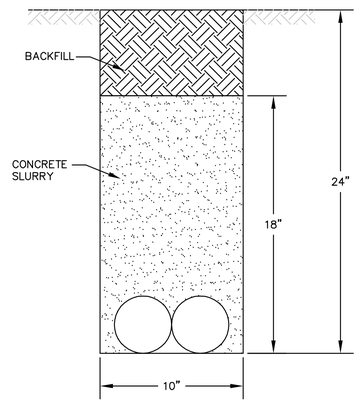
CUT: 0.71 CY
FILL: 0.47 CY
NET: 0.24 CY

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1823077.88	6558653.51	3335.00	FG
2	1823074.66	6558662.97	3335.00	FG
3	1823065.19	6558659.76	3335.00	FG
4	1823068.41	6558650.29	3335.00	FG



REGENERATION SITE: TOWER P-215 DETAIL

SCALE: 1" = 5'



ADSS FIBER CABLE
2-4" CONDUITS
NTS

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REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-215

DRAWN BY: JB	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P215-REG1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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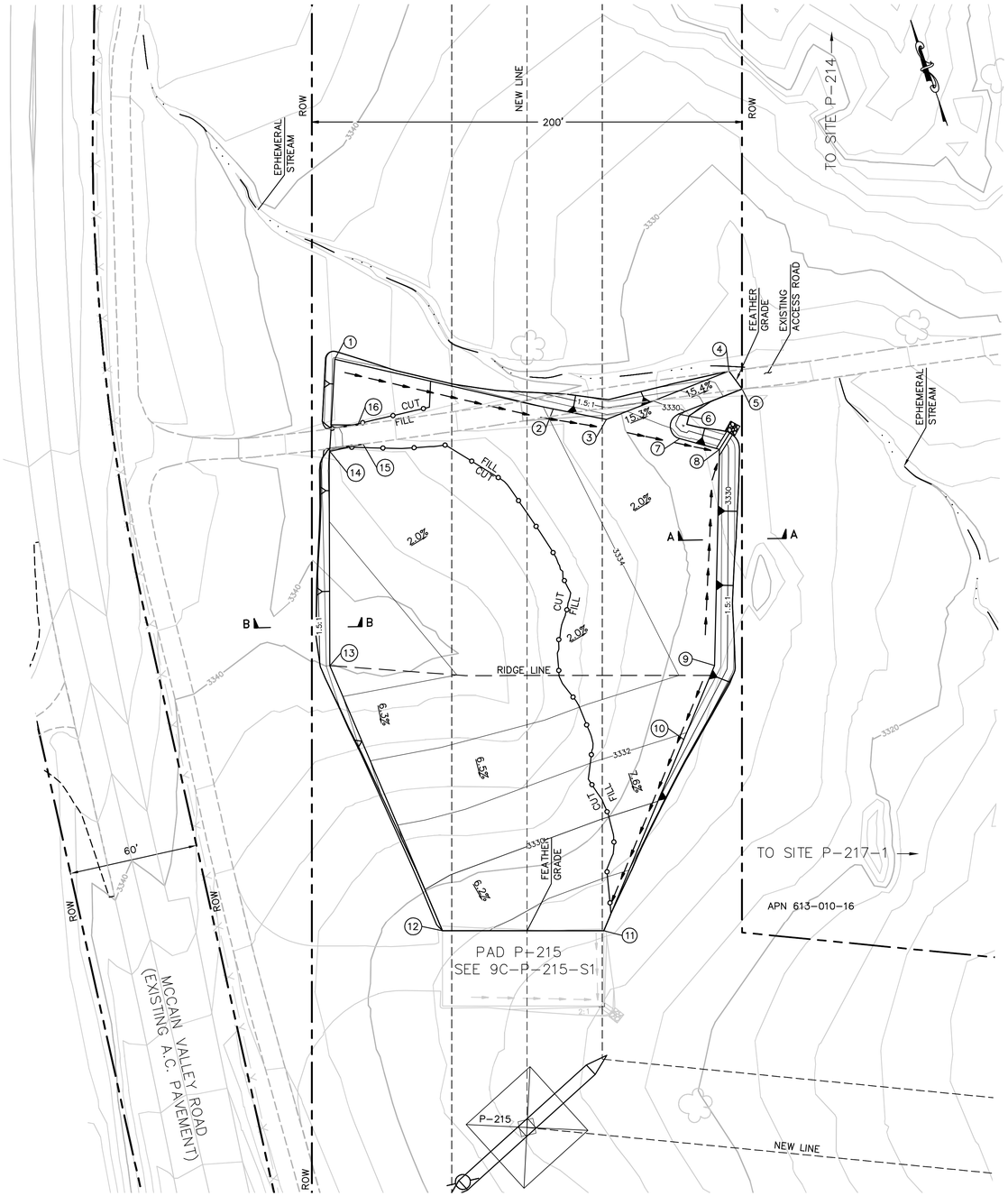
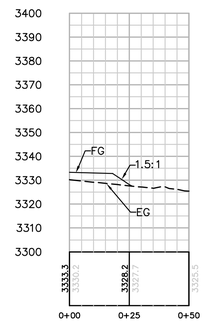
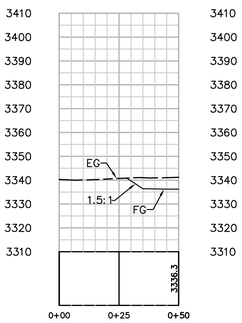


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1823499.80	6558721.63	3335.41	FG
2	1823454.52	6558815.47	3333.93	FG
3	1823444.16	6558838.42	3333.56	FG
4	1823453.29	6558898.99	(3324.28)	EG
5	1823443.79	6558903.06	(3324.06)	EG
6	1823439.04	6558871.56	3330.62	FG
7	1823427.81	6558869.63	3333.08	FG
8	1823418.81	6558886.50	3332.82	FG
9	1823321.34	6558861.70	3333.95	FG
10	1823291.12	6558840.01	3332.05	FG
11	1823212.85	6558783.83	(3326.24)	EG
12	1823229.70	6558710.74	(3328.72)	EG
13	1823361.53	6558687.34	3336.96	FG
14	1823458.58	6558709.77	3335.88	FG
15	1823458.33	6558725.60	3335.63	FG
16	1823467.60	6558725.11	3335.55	FG



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 1574 CY
FILL: 1427 CY
NET: 147 CY

DISTURBED AREA:
PULL SITE: 41,658 SF
TOTAL: 41,658 SF

QUANTITIES
RIP RAP: 25 SF
DOWN DRAIN: 9 LF

PULL SITE (NORTH) P-215 PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — RCE 29708 — Exp.3-31-11 — CIVIL — STATE OF CALIFORNIA

REVISIONS

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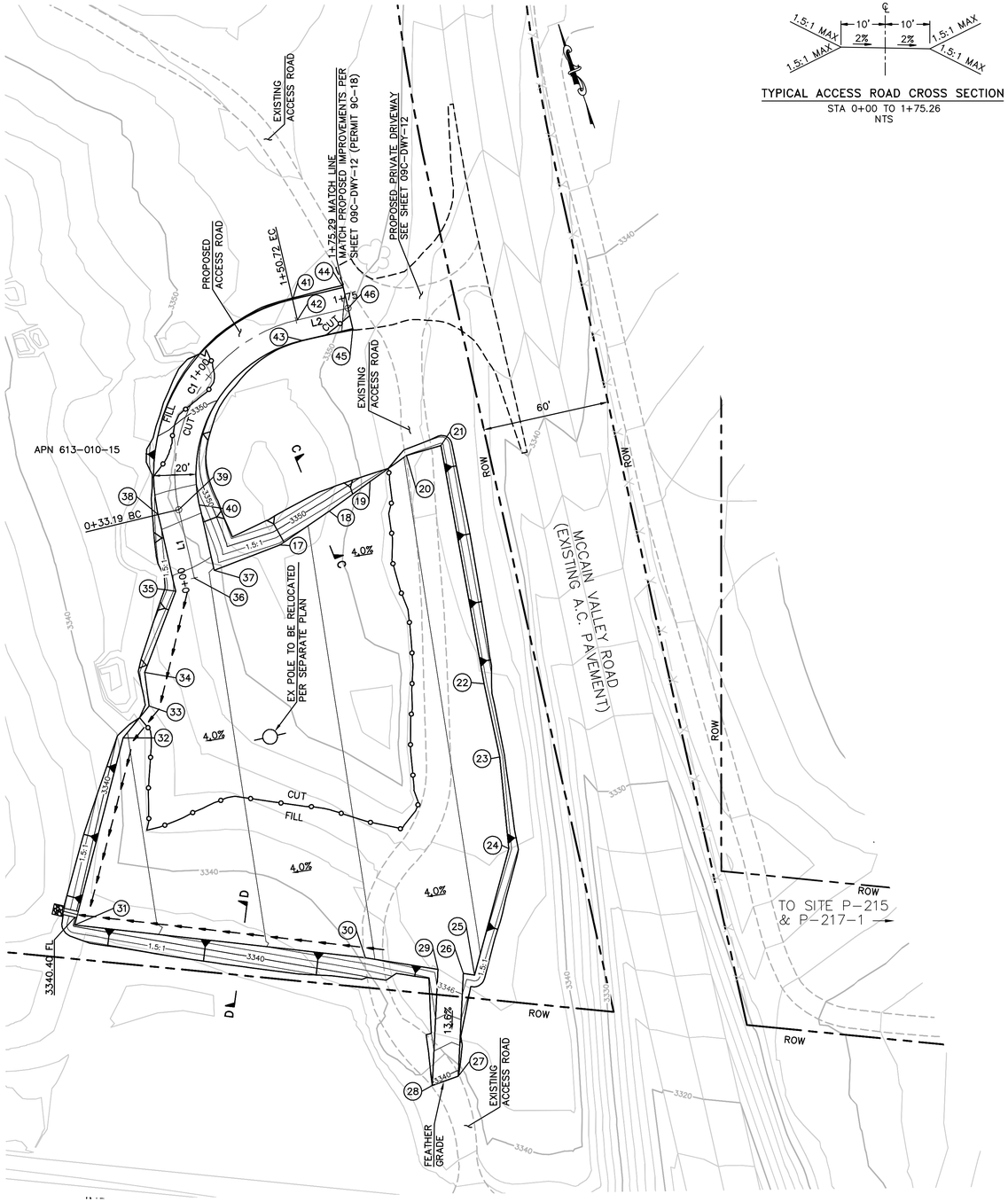
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

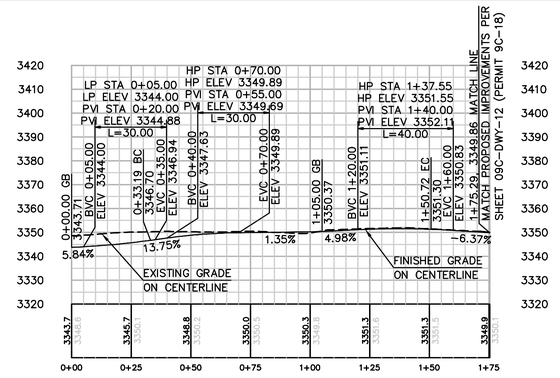
SPL-9C (LINK 1)
PULL SITE (NORTH) P-215

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	09C-P215-PS-A
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 1+75.26
NTS

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
L1		33.19	N0°06'17"E
C1	75.00	117.53	89°47'19"
L2		24.57	N89°53'37"E

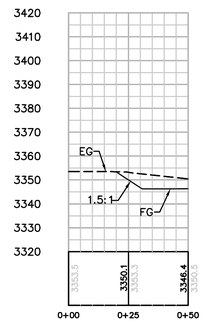


PROFILE: ACCESS ROAD TO PULL SITE (WEST) P-215

HORIZ. & VERT. SCALE: 1" = 30'

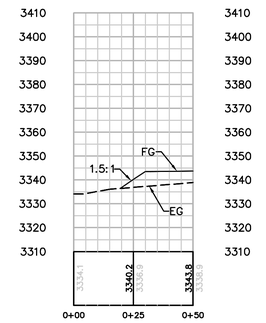
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	1823263.03	6558441.97	3345.42	FG
18	1823273.40	6558468.23	3346.44	FG
19	1823282.75	6558490.16	3347.29	FG
20	1823290.89	6558509.70	3348.05	FG
21	1823291.80	6558526.69	3348.73	FG
22	1823177.37	6558521.25	3348.85	FG
23	1823142.04	6558520.65	3348.93	FG
24	1823098.73	6558515.14	3348.84	FG
25	1823044.11	6558485.84	3347.83	FG
26	1823046.12	6558480.87	3347.62	FG
27	1822999.26	6558467.60	3339.60	EG
28	1822997.71	6558454.69	3339.81	EG
29	1823050.64	6558469.67	3347.16	FG
30	1823063.66	6558437.44	3345.82	FG
31	1823109.66	6558306.95	3340.45	FG
32	1823190.73	6558349.13	3341.90	FG
33	1823202.72	6558364.48	3342.48	FG
34	1823218.72	6558366.02	3342.50	FG
35	1823252.82	6558388.95	3343.32	FG
36	1823256.88	6558398.96	3343.71	CL

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
37	1823258.31	6558408.96	3344.10	FG
38	1823290.08	6558389.02	3346.90	BC
39	1823290.06	6558399.02	3346.70	CL/BC
40	1823290.04	6558409.02	3346.50	BC
41	1823374.93	6558473.86	3351.50	EC
42	1823364.93	6558473.88	3351.30	CL/EC
43	1823354.93	6558473.90	3351.10	EC
44	1823374.97	6558498.43	3350.06	FG
45	1823354.97	6558498.47	3349.66	FG
46	1823364.97	6558498.45	3349.86	CL/FG



SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'



SECTION D-D

HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 2,469 CY
FILL: 2,057 CY
NET: 412 CY

DISTURBED AREA:
PULL SITE: 40,090 SF
ROAD: 4,175 SF
TOTAL: 44,265 SF

QUANTITIES
RIP RAP: 25 SF
DOWN DRAIN: 7 LF

LENGTH OF ACCESS ROAD: 225 LF

PULL SITE (WEST) P-215 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

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REVISIONS

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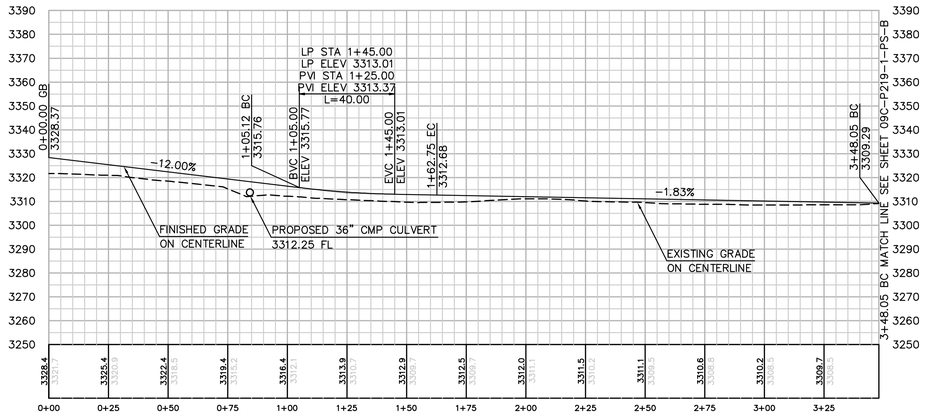
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE (WEST) P-215

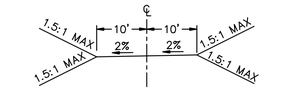
DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	09C-P215-PS-B
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



PROFILE: ACCESS ROAD TO PULL SITE (NORTH) P-219-1

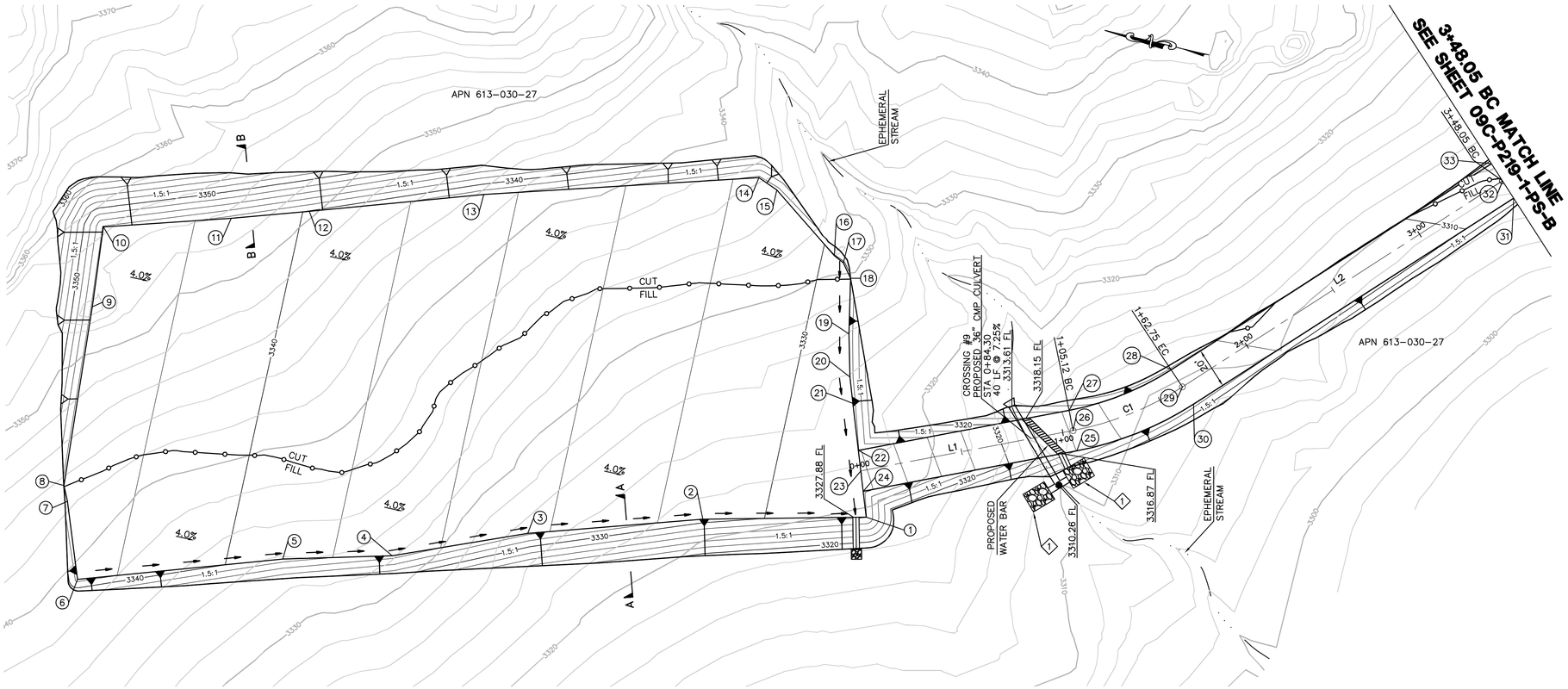
HORIZ. & VERT. SCALE: 1" = 30'

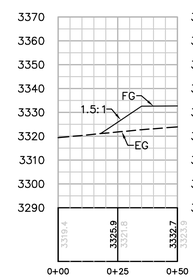
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	150.00	57.63	22°00'48"
L1		105.12	S24°02'59"E
L2		185.30	S46°03'48"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 3+48.05

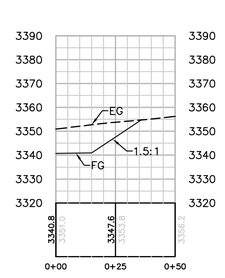
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1822393.41	6562035.16	3328.08	FG
2	1822470.57	6562015.96	3331.16	FG
3	1822551.94	6561989.65	3334.41	FG
4	1822613.63	6561963.90	3336.88	FG
5	1822665.01	6561950.10	3338.94	FG
6	1822760.02	6561917.52	3342.74	FG
7	1822773.48	6561953.37	3343.25	FG
8	1822776.89	6561960.46	3343.38	FG
9	1822783.43	6562048.39	3343.58	FG
10	1822787.12	6562087.43	3343.70	FG
11	1822727.55	6562105.82	3341.32	FG
12	1822691.42	6562117.88	3339.88	FG
13	1822610.61	6562145.38	3336.65	FG
14	1822482.25	6562184.04	3331.52	FG
15	1822472.36	6562180.28	3331.13	FG
16	1822437.82	6562155.55	3329.77	FG
17	1822432.73	6562153.11	3329.57	FG
18	1822427.61	6562146.59	3329.37	FG
19	1822422.13	6562120.12	3329.17	FG
20	1822416.78	6562099.78	3328.97	FG
21	1822412.49	6562087.60	3328.80	FG
22	1822404.60	6562065.92	3328.50	FG
23	1822401.17	6562056.50	3328.37	CL
24	1822397.75	6562047.08	3328.24	FG
25	1822301.10	6562090.21	3315.96	BC
26	1822305.18	6562099.34	3315.76	CL/BC
27	1822309.25	6562108.47	3315.56	BC
28	1822265.49	6562139.18	3312.48	EC
29	1822258.29	6562132.24	3312.68	CL/EC
30	1822251.09	6562125.30	3312.88	EC
31	1822122.52	6562258.73	3309.49	BC
32	1822129.72	6562265.67	3309.29	CL/BC
33	1822136.92	6562272.61	3309.09	BC





SECTION A-A

HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 6193 CY
FILL: 6466 CY
NET: 273 CY

DISTURBED AREA:
PULL SITE: 75,078 SF
ROAD: 10,142 SF
TOTAL: 85,220 SF

QUANTITIES
RIP RAP: 25 SF
DOWN DRAIN: 24 LF
36" CMP CULVERT: 40 LF
TEE OUTLET STRUCTURE: 1 EA
END SECTIONS: 1 EA
ENERGY DISSIPATOR: 240 SF
LENGTH OF ACCESS ROAD: 348 LF

(1) MODIFIED ENERGY DISSIPATOR
PER SDRSD D-40, TYPE 1:
1/4 TON ROCK, L=12',
TOTAL W=10', T=2.7'
FILTER BLANKET:
UPPER LAYER=3/4" CRUSHED ROCK, T=1.0'
LOWER LAYER=SAND
SEE TEE OUTLET DETAIL (9/4)

PULL SITE (NORTH) P-219-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE (NORTH) P-219-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P219-1-PS-A
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APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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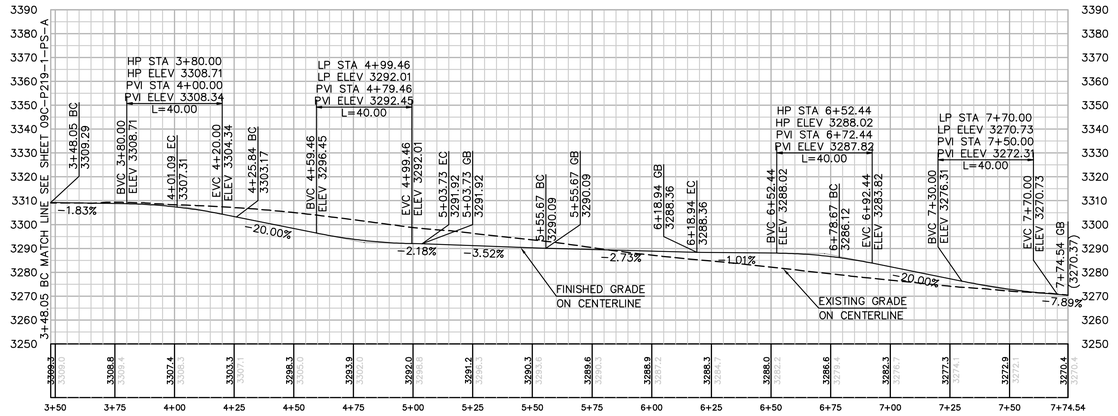
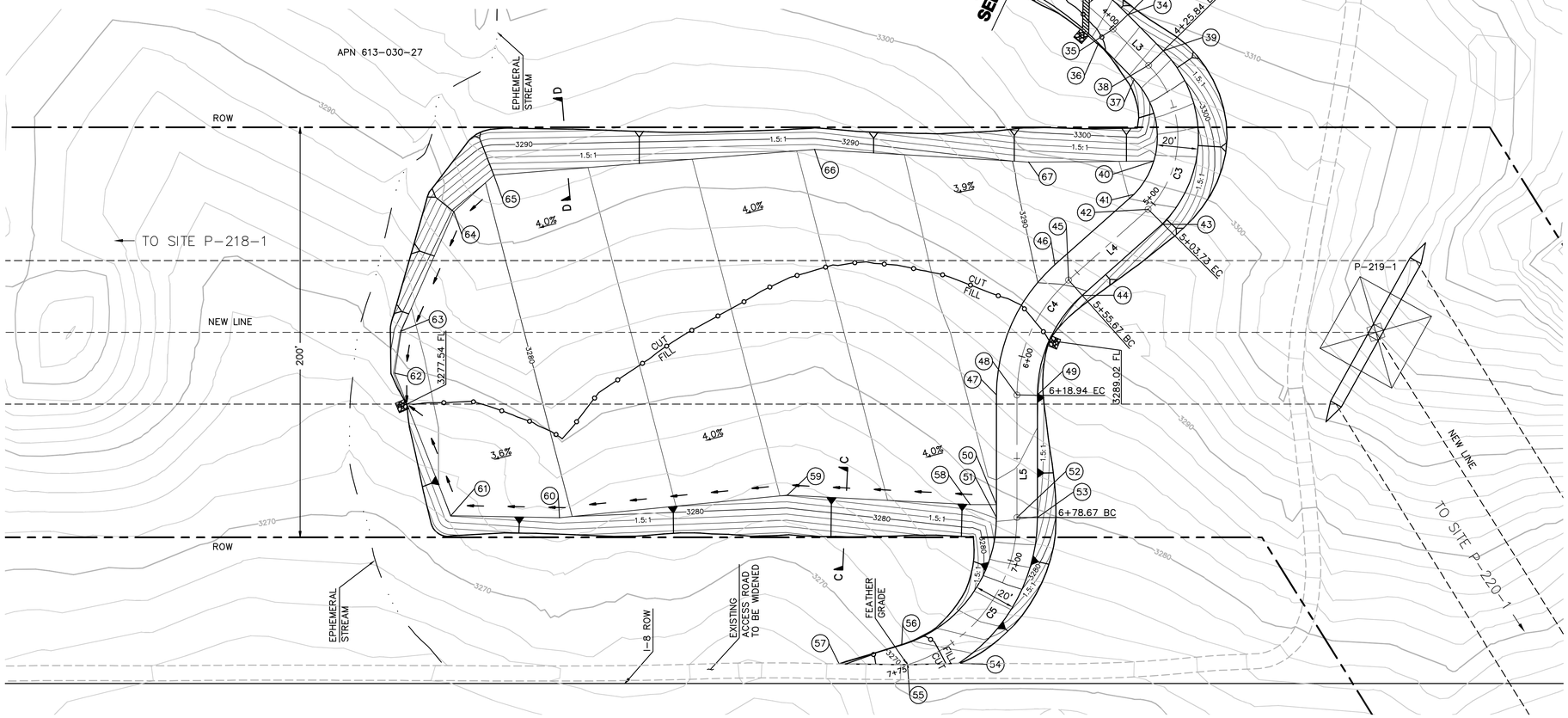


PROFILE: ACCESS ROAD TO PULL SITE (WEST) P-219-1

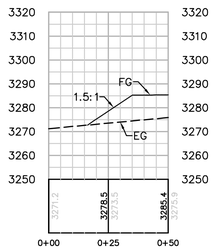
SCALE: 1" = 30'

TYPICAL ACCESS ROAD CROSS SECTION

STA 3+48.05 TO 7+74.54

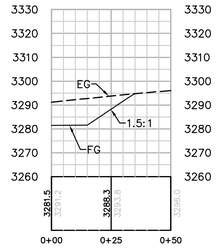


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
34	1822091.35	6562305.64	3307.11	EC
35	1822087.00	6562296.64	3307.31	CL/EC
36	1822082.64	6562287.63	3307.51	EC
37	1822060.36	6562298.40	3303.37	BC
38	1822064.72	6562307.41	3303.17	CL/BC
39	1822069.07	6562316.41	3302.97	BC
40	1822019.64	6562294.90	3293.55	FG
41	1822007.30	6562280.53	3292.11	EC
42	1821998.22	6562284.74	3291.92	CL/EC
43	1821989.14	6562288.93	3291.73	EC
44	1821968.67	6562240.87	3289.89	BC
45	1821977.87	6562236.95	3290.09	CL/BC
46	1821987.07	6562233.04	3290.29	BC
47	1821935.98	6562185.78	3288.56	EC
48	1821932.79	6562195.26	3288.36	CL/EC
49	1821929.60	6562204.73	3288.16	EC
50	1821885.31	6562168.73	3287.06	FG
51	1821879.37	6562166.73	3286.32	BC
52	1821876.18	6562176.20	3286.12	CL/BC
53	1821872.99	6562185.68	3285.92	BC
54	1821817.85	6562126.55	(3270.30)	EG
55	1821825.14	6562102.71	(3270.37)	EG
56	1821835.14	6562103.03	3271.19	FG
57	1821836.16	6562071.24	(3266.50)	EG
58	1821889.40	6562156.57	3287.53	FG
59	1821922.19	6562073.55	3284.14	FG
60	1821947.20	6561964.67	3279.75	FG
61	1821965.08	6561914.86	3278.18	FG
62	1822039.69	6561911.00	3277.60	FG
63	1822058.08	6561920.64	3277.70	FG
64	1822105.08	6561963.51	3279.27	FG
65	1822115.72	6561987.70	3280.20	FG
66	1822077.71	6562139.91	3286.34	FG
67	1822038.63	6562236.83	3290.30	FG



SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'



SECTION D-D

HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 6,639 CY
FILL: 5,074 CY
NET: 1,565 CY

DISTURBED AREA:
PULL SITE: 60,412 SF
ROAD: 12,002 SF
TOTAL: 72,414 SF

QUANTITIES
RIP RAP: 75 SF
LENGTH OF ACCESS ROAD: 427 LF

PULL SITE (WEST) P-219-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	150.00	53.04	20°15'35"
C3	50.00	77.89	89°15'03"

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C4	75.00	63.27	48°20'03"
C5	75.00	95.87	73°14'32"

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L3		24.75	S25°48'13"E
L4		51.94	S66°56'03"W
L5		59.73	S18°36'00"W

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE (WEST) P-219-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P219-1-PS-B
CAD NO.:	PLOT SCALE: 1 = 1		

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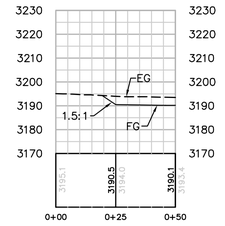
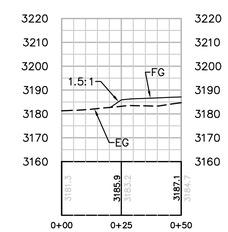
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1820975.63	6562316.16	(3185.01)	EG
2	1820981.19	6562364.76	3187.01	FG
3	1820983.45	6562372.76	3187.02	FG
4	1820993.92	6562382.40	3187.34	FG
5	1821013.13	6562382.67	3188.09	FG
6	1821021.64	6562368.36	3188.55	FG
7	1821021.31	6562352.68	3188.68	FG
8	1821047.99	6562352.89	3189.72	FG
9	1821085.04	6562359.31	3191.10	FG
10	1821081.06	6562411.42	3190.47	FG
11	1821067.03	6562415.72	3189.88	FG
12	1821050.07	6562444.78	3188.95	FG
13	1821035.86	6562449.55	3188.36	FG
14	1820991.75	6562454.58	3186.59	FG
15	1820997.63	6562515.57	(3184.68)	EG
16	1820985.68	6562516.72	(3184.97)	EG
17	1820979.81	6562455.73	3186.12	FG
18	1820958.94	6562369.57	3185.31	FG
19	1820969.40	6562367.31	3186.53	FG
20	1820963.70	6562317.52	(3185.31)	EG



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 455 CY
FILL: 408 CY
NET: 47 CY

DISTURBED AREA:
TOTAL: 12,366 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 4 LF

PULL SITE P219-1-P220-1 PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — RCE 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

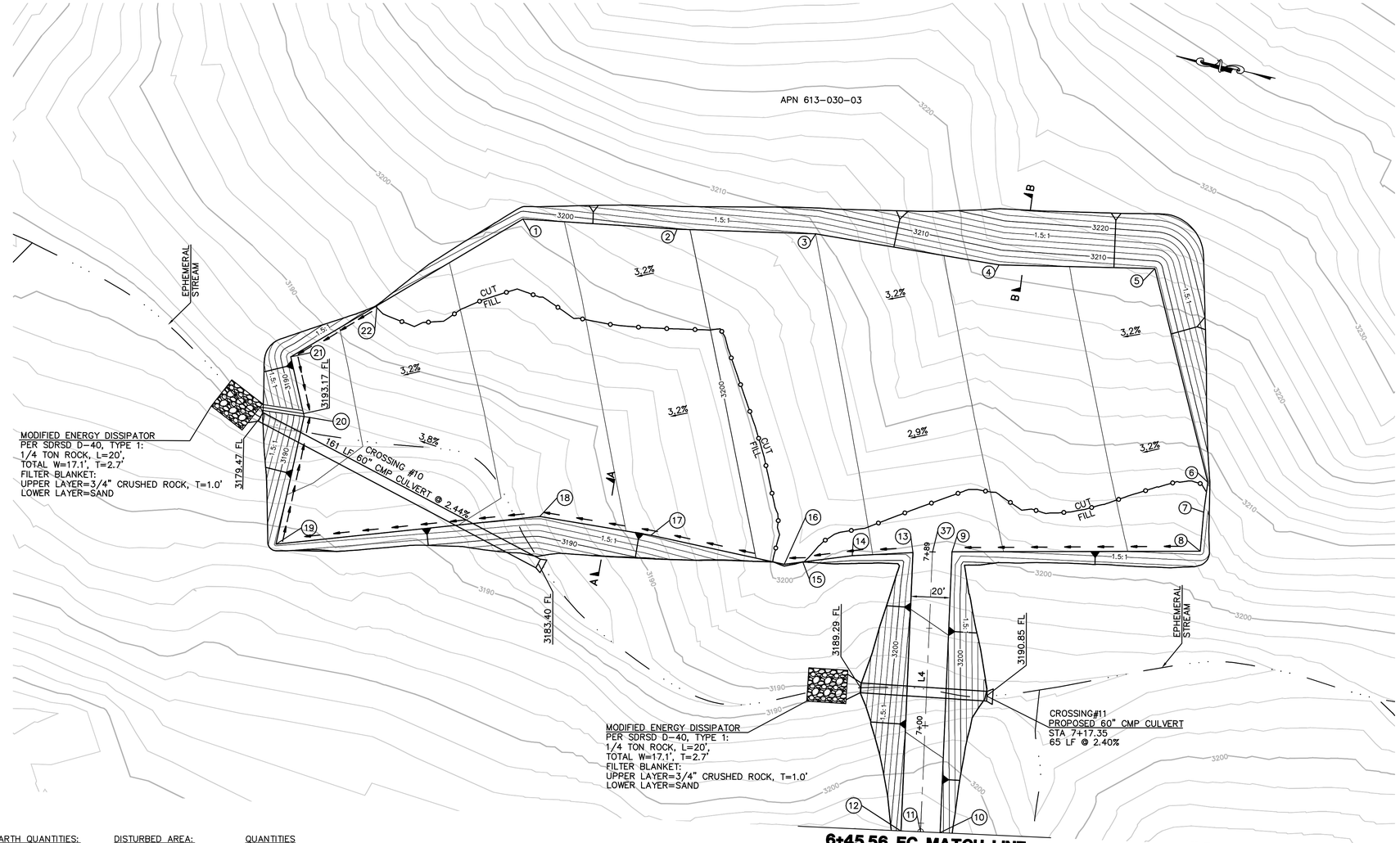
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE P219-1-P220-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P219-1-P220-1-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



PULL SITE P-220-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

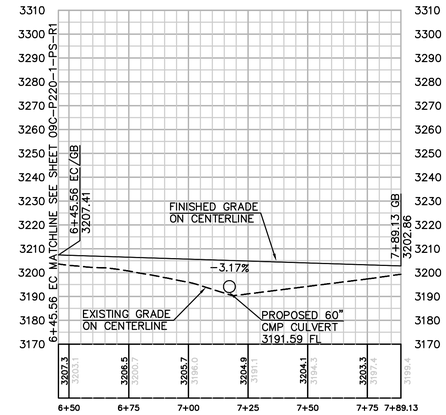
GRAPHIC SCALE
30 0 30
1"=30'

EARTH QUANTITIES:
CUT: 9079 CY
FILL: 8273 CY
NET: 806 CY

DISTURBED AREA:
ROAD: 6,623 SF
PULL SITE: 81,017 SF
TOTAL: 87,640 SF

QUANTITIES
ENERGY DISSIPATOR: 683 SF
60" CMP: 226 LF
END SECTION: 4 EA
DOWN DRAIN: 22 LF
LENGTH OF ACCESS ROAD: 143 LF

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

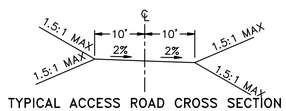


PROFILE: ACCESS ROAD TO PULL SITE P-220-1

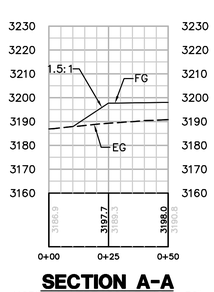
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1819620.40	6562991.20	3197.34	FG
2	1819542.45	6563004.28	3199.79	FG
3	1819472.75	6563018.20	3202.01	FG
4	1819377.71	6563024.26	3204.87	FG
5	1819299.65	6563040.68	3207.41	FG
6	1819248.19	6562940.37	3207.56	FG
7	1819246.69	6562925.06	3207.39	FG
8	1819243.85	6562905.11	3207.20	FG
9	1819367.49	6562875.69	3203.24	FG
10	1819340.40	6562734.24	3207.21	FG
11	1819350.22	6562732.36	3207.41	CL
12	1819360.04	6562730.48	3207.61	FG
13	1819386.89	6562870.69	3202.66	FG
14	1819416.74	6562862.03	3201.64	FG
15	1819440.64	6562853.12	3200.75	FG
16	1819449.67	6562849.76	3200.43	FG
17	1819519.47	6562848.62	3198.39	FG
18	1819577.14	6562844.84	3196.65	FG
19	1819705.33	6562800.06	3194.53	FG
20	1819706.35	6562867.00	3193.16	FG
21	1819719.96	6562895.26	3193.45	FG
22	1819683.06	6562930.82	3194.69	FG
37	1819377.19	6562873.19	3202.86	CL/FG

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
L4		143.57	N79°09'31"E

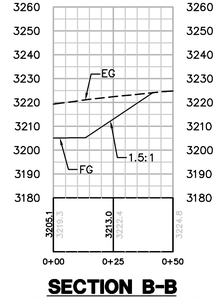


TYPICAL ACCESS ROAD CROSS SECTION
STA.6+45.56 TO 7+89.13
NTS



SECTION A-A

HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SUTTER
No. 29708
Exp. 3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE P-220-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				09C-P220-1-PS-A
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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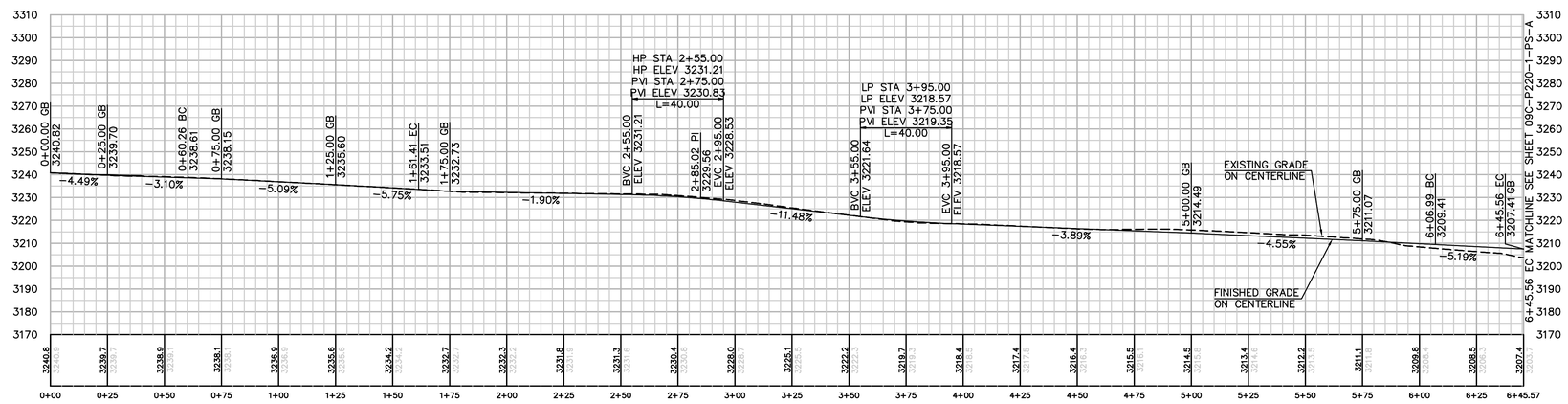
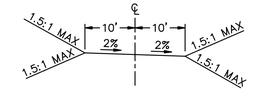


PROFILE: ACCESS ROAD TO PULLSITE P220-1

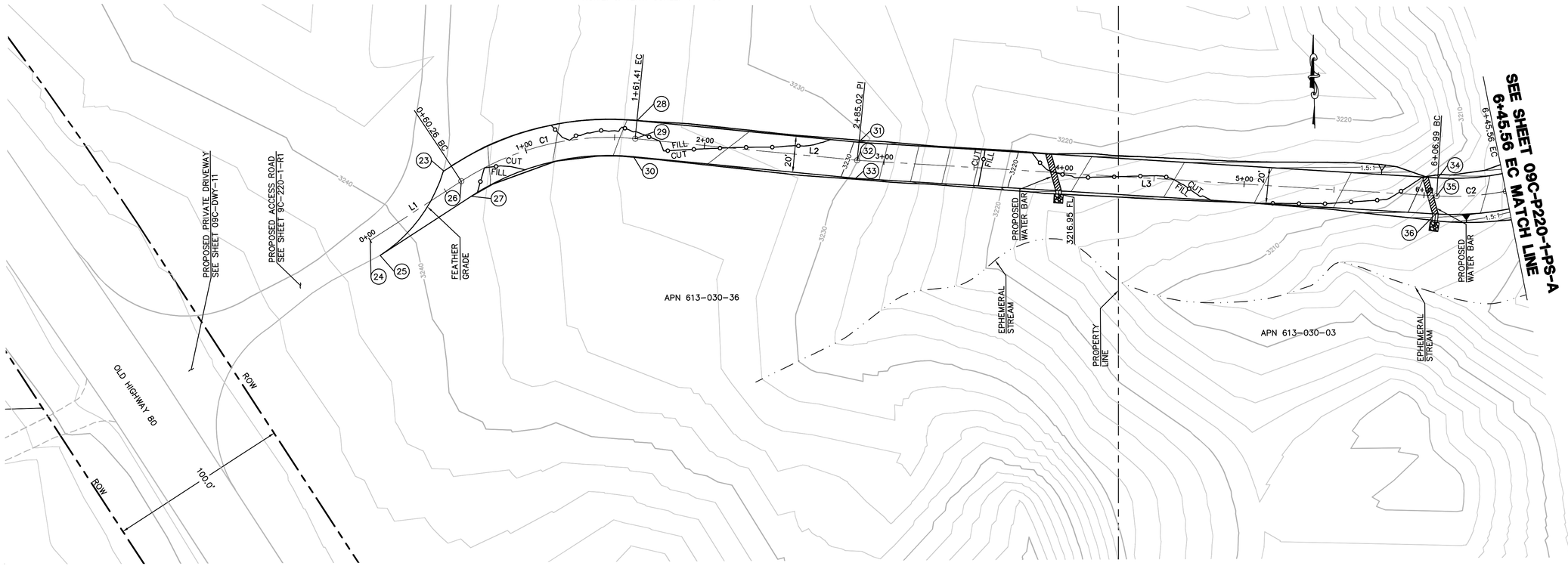
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
23	1819365.49	6562143.35	(3239.14)	EG
24	1819327.08	6562102.52	(3240.82)	CL/EG
25	1819318.66	6562107.92	(3240.62)	EG
26	1819359.62	6562153.24	3238.61	CL/BC
27	1819351.20	6562158.64	3238.41	BC
28	1819392.51	6562250.84	3233.71	EC
29	1819382.56	6562249.80	3233.51	CL/EC
30	1819372.62	6562248.76	3233.31	EC
31	1819379.71	6562373.60	3229.78	FG
32	1819369.74	6562372.74	3229.56	CL
33	1819359.78	6562371.88	3229.35	FG
34	1819357.87	6562694.65	3209.61	BC
35	1819347.89	6562693.97	3209.41	CL
36	1819337.91	6562693.29	3209.21	BC

CENTERLINE DATA			
NUMBER	RADIUS	LEGNTH	BEARING/DELTA ANGLE
L1		60.26	N57°18'52"E
C1	150.00	101.16	38°38'19"
L2		123.61	S84°02'49"E
L3		321.97	S86°06'30"E
C2	150.00	38.57	14°43'58"



TYPICAL ACCESS ROAD CROSS SECTION
NTS



ACCESS ROAD TO PULL SITE P-220-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

EARTH QUANTITIES:
CUT: 190 CY
FILL: 136 CY
NET: 54 CY

DISTURBED AREA:
ROAD: 14,768 SF

QUANTITIES
DOWNDRAIN: 7 LF
RIP RAP: 50 SF
LENGTH OF ACCESS ROAD: 646 LF

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REGISTERED PROFESSIONAL ENGINEER
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RCE 29708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
ACCESS ROAD TO PULL SITE P-220-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		09C-P220-1-PS-R1

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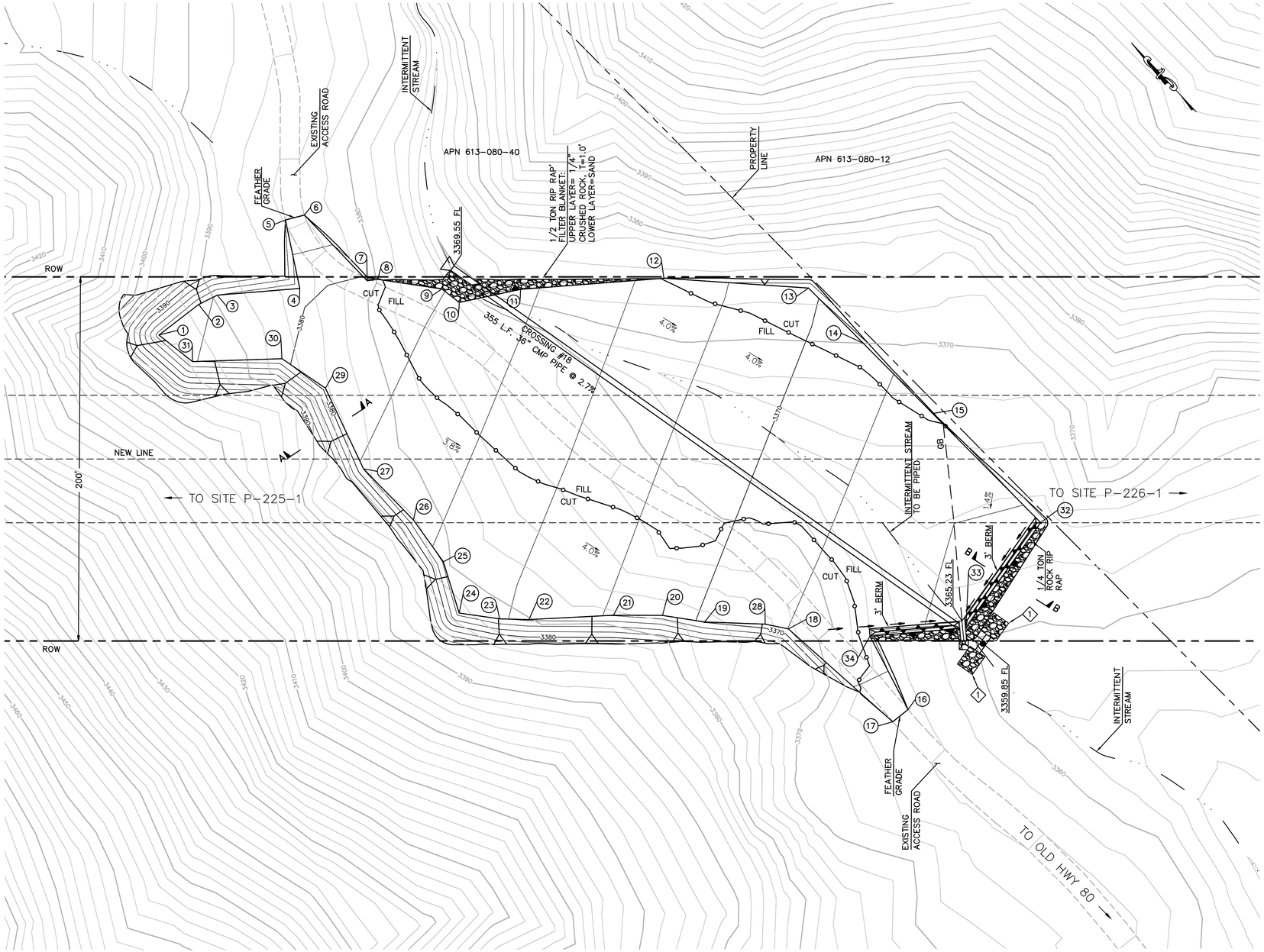
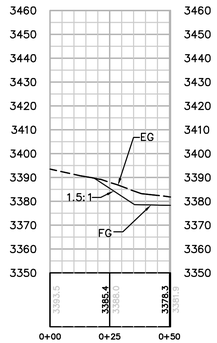
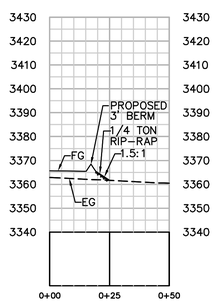


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1815864.78	6568166.90	3382.96	FG
2	1815860.74	6568194.12	3382.27	FG
3	1815856.95	6568204.83	3381.93	FG
4	1815826.91	6568239.02	3380.21	FG
5	1815858.68	6568260.60	(3383.85)	EG
6	1815853.05	6568269.73	(3383.87)	EG
7	1815803.14	6568267.70	3379.71	FG
8	1815799.57	6568272.28	3379.49	FG
9	1815770.61	6568292.94	3378.08	FG
10	1815758.47	6568294.25	3377.63	FG
11	1815739.33	6568322.82	3376.40	FG
12	1815686.88	6568381.76	3373.40	FG
13	1815626.10	6568433.01	3370.27	FG
14	1815583.46	6568432.01	3368.82	FG
15	1815529.22	6568430.72	3366.96	FG
16	1815426.01	6568304.31	(3364.78)	EG
17	1815427.41	6568293.68	(3364.80)	EG
18	1815504.02	6568290.55	3367.98	FG
19	1815539.77	6568261.38	3369.81	FG
20	1815558.95	6568247.92	3370.74	FG
21	1815578.35	6568229.37	3371.78	FG
22	1815610.14	6568195.39	3373.56	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
23	1815622.00	6568184.47	3374.19	FG
24	1815640.17	6568171.38	3375.08	FG
25	1815666.03	6568185.64	3375.69	FG
26	1815693.75	6568190.74	3376.55	FG
27	1815732.88	6568191.97	3377.89	FG
28	1815514.99	6568283.65	3368.50	FG
29	1815778.73	6568209.27	3379.13	FG
30	1815807.18	6568204.37	3380.21	FG
31	1815841.42	6568169.22	3382.10	FG
32	1815444.87	6568428.73	3365.82	FG
33	1815434.19	6568358.57	3365.11	FG
34	1815469.00	6568318.77	3367.11	FG



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 4136 CY
FILL: 3653 CY
NET: 483 CY

DISTURBED AREA:
PULL SITE: 74256 SF

QUANTITIES
DOWN DRAIN: 17 L.F.
36" CMP: 355 L.F.
END SECTION: 1 EA.
TEE OUTLET STRUCTURE: 1 EA.
RIP RAP: 1469 S.F.
ENERGY DISSIPATOR: 240 S.F.

PULL SITE P-225-1 & P-226-1 PLAN (TEMPORARY)
SCALE: 1" = 30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

GRAPHIC SCALE
30 0 30 60
1"=30'

(1) MODIFIED ENERGY DISSIPATOR
PER SDRSD D-40, TYPE 1:
1/4 TON ROCK, L=12',
TOTAL W=10', T=2.7'
FILTER BLANKET:
UPPER LAYER=3/4" CRUSHED ROCK, T=1.0'
LOWER LAYER=SAND
SEE TEE OUTLET STRUCTURE DETAIL (9/4)

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REGISTERED PROFESSIONAL ENGINEER
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CIVIL
STATE OF CALIFORNIA

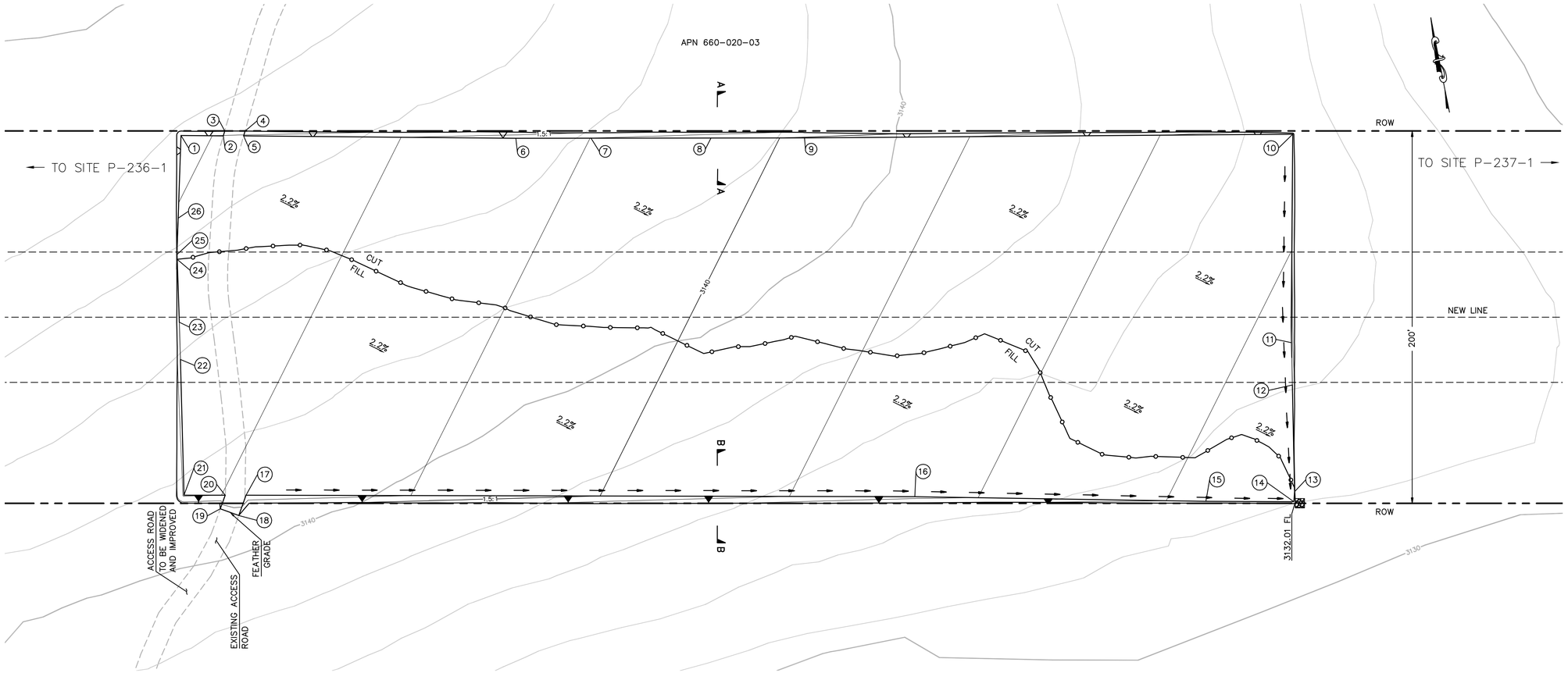
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE P-225-1 & P-226-1

DRAWN BY: DD	DATE:	SCALE: 1" = 30'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		09C-P-225-1 & P-226-1-PS
CAD NO.:	PLOT SCALE: 1 = 1		



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809849.20	6580179.18	3146.33	FG
2	1809844.66	6580201.40	3145.88	FG
3	1809847.05	6580202.62	(3147.41)	EG
4	1809844.95	6580213.35	(3147.23)	EG
5	1809842.48	6580212.08	3145.67	FG
6	1809813.25	6580355.24	3142.78	FG
7	1809805.59	6580394.76	3141.99	FG
8	1809793.34	6580457.95	3140.73	FG
9	1809783.79	6580507.23	3139.74	FG
10	1809735.52	6580764.72	3134.61	FG
11	1809625.77	6580742.69	3133.51	FG
12	1809603.42	6580738.79	3133.28	FG
13	1809546.88	6580728.90	3132.69	FG
14	1809541.69	6580727.48	3132.65	FG
15	1809550.93	6580681.28	3133.58	FG
16	1809583.37	6580528.42	3136.68	FG
17	1809652.82	6580176.40	3143.74	FG
18	1809642.92	6580170.46	(3140.79)	EG
19	1809648.34	6580161.42	(3141.11)	EG
20	1809654.99	6580165.38	3143.95	FG
21	1809659.28	6580143.67	3144.40	FG
22	1809731.16	6580155.83	3145.15	FG
23	1809750.91	6580158.99	3145.36	FG
24	1809784.29	6580164.38	3145.72	FG
25	1809786.84	6580164.79	3145.74	FG
26	1809805.85	6580169.18	3145.92	FG

EARTH QUANTITIES:
CUT: 2,285 CY
FILL: 2,061 CY
NET: 224 CY

DISTURBED AREA:
PULL SITE: 119,436 SF

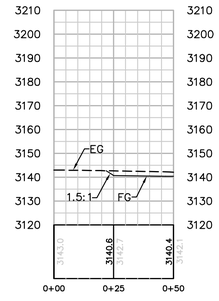
QUANTITIES:
RIP RAP: 25 SF

PULL SITE P-236-1 & P-237-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

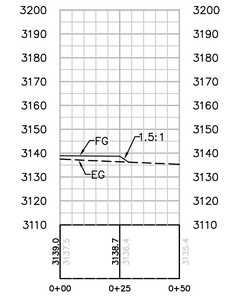
GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.



SECTION A-A

HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\PULLSITES\09C-P236 & 237-PS.dwg□May-24-2010\6:38

Bureau Veritas North America
11590 West Bernardo Court Suite 100
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Tel: (858) 451-6100 Fax: (858) 451-2846
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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

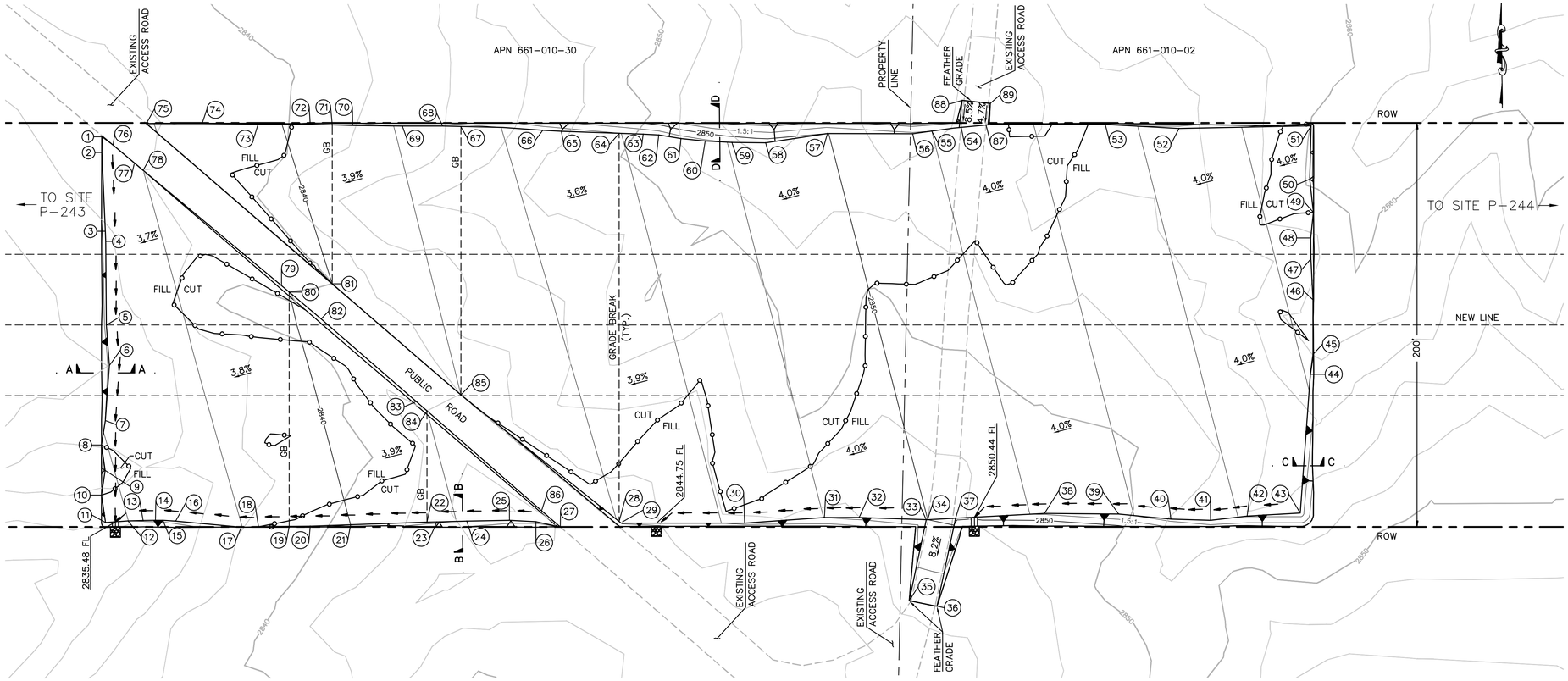
REVISIONS

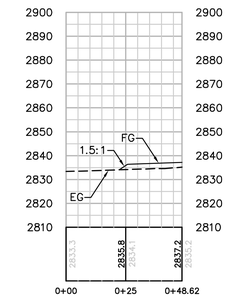
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

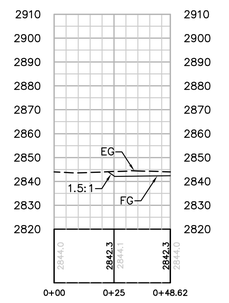
SPL-9C (LINK 1)
PULL SITE P-236-1 & P-237-1

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	09C-P236-1 & P237-1-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

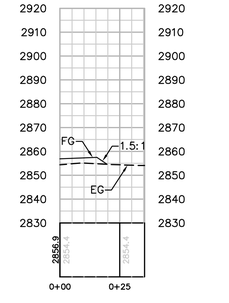




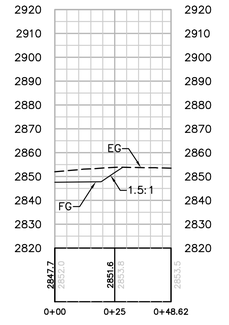
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



SECTION D-D
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 3,671 CY
FILL: 3,416 CY
NET: 255 CY

DISTURBED AREA:
PULL SITE: 114,919 SF

QUANTITIES
RIP RAP: 75 SF
DOWNDRAIN: 8 LF

LENGTH OF ACCESS ROAD: 58 LF

PULL SITE P-243 & P-244 PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809469.87	6588657.68	2837.43	FG
2	1809461.98	6588657.72	2837.35	FG
3	1809423.05	6588659.75	2837.02	FG
4	1809418.01	6588659.95	2836.98	FG
5	1809376.54	6588660.62	2836.57	FG
6	1809356.63	6588662.28	2836.43	FG
7	1809329.35	6588660.57	2836.09	FG
8	1809317.22	6588658.83	2835.90	FG
9	1809304.70	6588660.66	2835.83	FG
10	1809292.46	6588659.05	2835.65	FG
11	1809278.83	6588661.14	2835.58	FG
12	1809279.81	6588672.26	2835.99	FG
13	1809280.00	6588679.77	2836.27	FG
14	1809280.15	6588685.81	2836.48	FG
15	1809280.24	6588689.51	2836.62	FG
16	1809279.89	6588695.78	2836.84	FG
17	1809277.21	6588728.38	2837.98	FG
18	1809277.41	6588736.85	2838.29	FG
19	1809277.76	6588752.07	2838.84	FG
20	1809278.00	6588762.40	2839.23	FG
21	1809278.85	6588782.40	2840.00	FG
22	1809280.46	6588820.21	2841.45	FG
23	1809280.67	6588825.12	2841.63	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
24	1809281.18	6588839.93	2842.19	FG
25	1809281.75	6588861.04	2842.99	FG
26	1809281.21	6588874.13	2843.47	FG
27	1809278.68	6588886.26	(2843.90)	EG
28	1809281.69	6588915.31	2844.04	FG
29	1809281.57	6588917.08	2844.85	FG
30	1809281.42	6588977.37	2846.45	FG
31	1809284.55	6589016.89	2848.02	FG
32	1809284.70	6589034.10	2848.69	FG
33	1809283.93	6589067.26	2849.97	FG
34	1809283.92	6589067.84	2849.99	FG
35	1809243.90	6589059.20	(2846.61)	EG
36	1809241.13	6589072.92	(2846.67)	EG
37	1809284.78	6589081.71	2850.54	FG
38	1809287.51	6589125.73	2852.28	FG
39	1809287.54	6589162.43	2853.71	FG
40	1809285.30	6589188.36	2854.70	FG
41	1809284.89	6589207.95	2855.46	FG
42	1809287.16	6589226.07	2856.18	FG
43	1809288.88	6589252.27	2857.22	FG
44	1809357.58	6589256.73	2858.11	FG
45	1809367.38	6589257.91	2858.25	FG
46	1809394.55	6589257.66	2858.52	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
47	1809414.77	6589256.46	2858.69	FG
48	1809425.13	6589256.29	2858.79	FG
49	1809437.79	6589257.51	2858.97	FG
50	1809454.23	6589255.48	2859.06	FG
51	1809480.62	6589256.03	2859.35	FG
52	1809478.69	6589190.56	2856.78	FG
53	1809480.39	6589154.13	2855.38	FG
54	1809478.28	6589082.81	2852.59	FG
55	1809476.32	6589068.22	2852.00	FG
56	1809474.97	6589058.87	2851.62	FG
57	1809474.68	6589016.65	2849.98	FG
58	1809469.79	6588986.12	2848.74	FG
59	1809469.84	6588969.39	2848.09	FG
60	1809470.41	6588956.17	2847.58	FG
61	1809471.53	6588944.17	2847.12	FG
62	1809473.24	6588933.20	2846.71	FG
63	1809473.57	6588925.51	2846.42	FG
64	1809473.88	6588913.58	2845.96	FG
65	1809474.62	6588884.96	2844.99	FG
66	1809474.96	6588875.78	2844.69	FG
67	1809476.31	6588835.26	2843.33	FG
68	1809476.61	6588826.24	2842.97	FG
69	1809476.43	6588806.20	2842.17	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
70	1809476.51	6588781.67	2841.19	FG
71	1809476.71	6588771.50	2840.79	FG
72	1809476.91	6588760.64	2840.44	FG
73	1809476.68	6588734.88	2839.63	FG
74	1809476.79	6588707.10	2838.75	FG
75	1809476.54	6588679.54	(2837.88)	EG
76	1809465.75	6588663.13	(2837.59)	EG
77	1809456.97	6588673.85	(2837.88)	EG
78	1809453.40	6588678.21	(2838.00)	EG
79	1809396.93	6588747.14	(2839.89)	EG
80	1809393.75	6588751.03	(2840.00)	EG
81	1809398.04	6588772.21	(2840.00)	EG
82	1809380.68	6588766.98	(2840.44)	EG
83	1809340.18	6588814.33	(2841.84)	EG
84	1809335.58	6588819.72	(2842.00)	EG
85	1809343.61	6588836.45	(2842.00)	EG
86	1809286.57	6588876.87	(2843.70)	EG
87	1809479.55	6589095.07	2853.08	FG
88	1809491.69	6589083.17	(2853.70)	EG
89	1809490.31	6589097.10	(2853.60)	EG

Bureau Veritas North America
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Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
No. 29708
Exp. 3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE P-243 & P-244

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				09C-P243 & P244-PS
CAD NO.:	PLOT SCALE: 1 = 1				

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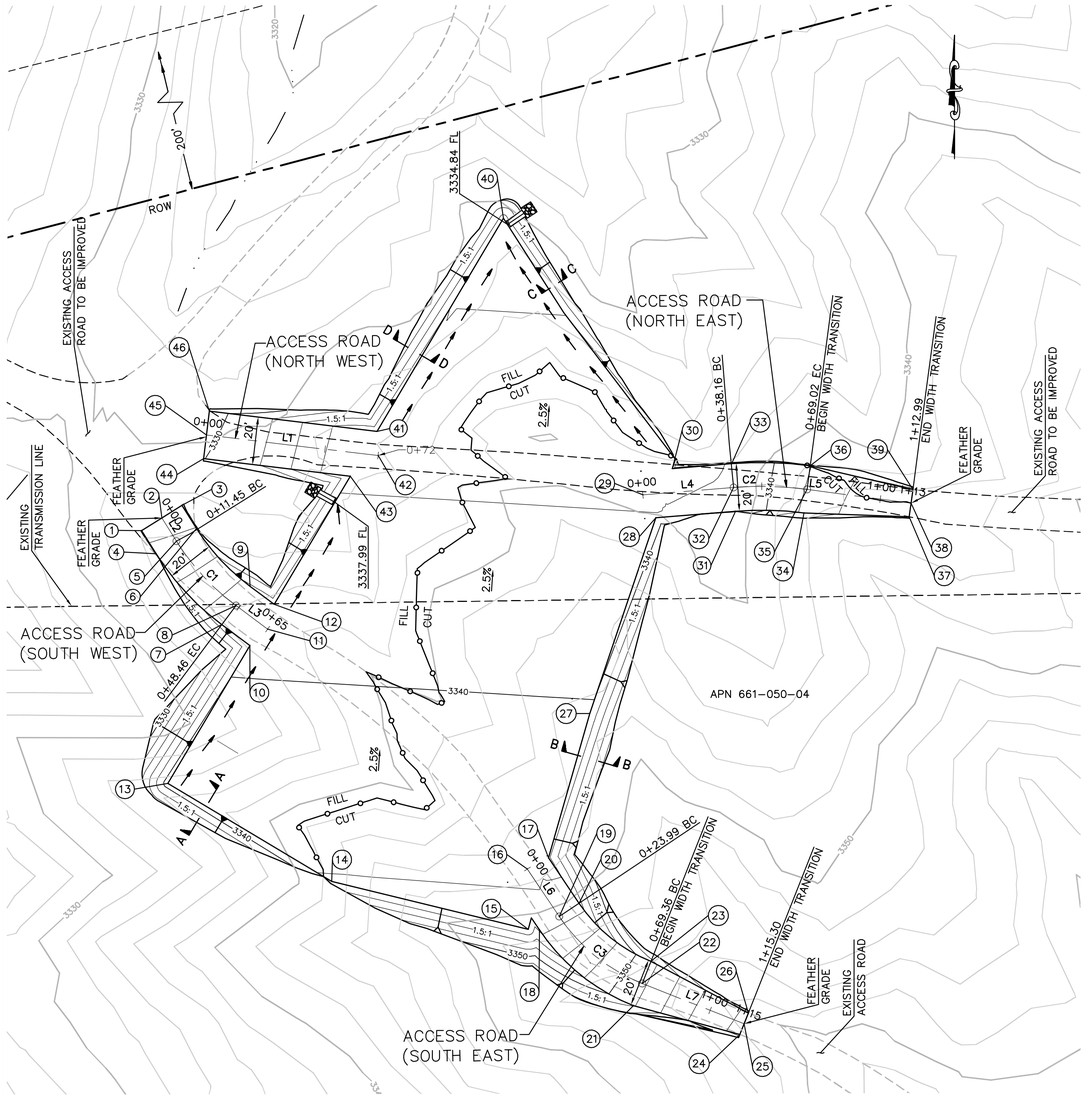
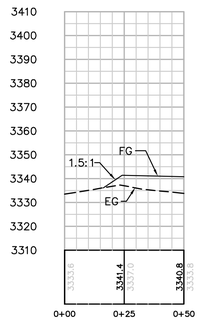


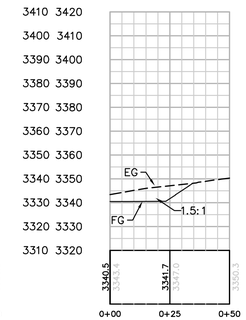
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809140.69	6603793.49	(3333.59)	EG
2	1809146.02	6603801.95	(3333.39)	CL
3	1809151.34	6603810.42	(3333.19)	EG
4	1809131.00	6603799.58	3334.44	BC
5	1809136.33	6603808.05	3334.24	CL/BC
6	1809141.65	6603816.51	3334.04	BC
7	1809101.28	6603827.07	3338.89	EC
8	1809109.31	6603833.04	3338.69	CL/EC
9	1809117.33	6603839.00	3338.49	EC
10	1809092.54	6603838.83	3339.65	FG
11	1809099.42	6603846.33	3339.49	CL
12	1809109.83	6603849.10	3339.20	FG
13	1809034.74	6603804.52	3341.17	FG
14	1808993.58	6603873.16	3342.08	FG
15	1808973.52	6603955.53	3342.45	FG
16	1808998.84	6603955.20	3342.04	CL

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	1809003.53	6603964.09	3341.64	FG
18	1808973.34	6603960.22	3343.73	BC
19	1808978.90	6603968.53	3343.53	CL
20	1808984.46	6603976.84	3343.33	BC
21	1808941.54	6603999.63	3351.85	EC
22	1808950.84	6604003.30	3351.65	CL/EC
23	1808960.14	6604006.98	3351.45	EC
24	1808929.47	6604044.26	(3358.47)	EG
25	1808933.95	6604046.03	(3358.38)	CL
26	1808938.42	6604047.79	(3358.28)	EG
27	1809064.01	6603981.35	3340.15	FG
28	1809146.10	6604008.99	3338.05	FG
29	1809155.69	6604003.60	3337.82	CL
30	1809166.74	6604015.94	3337.53	FG
31	1809148.84	6604042.44	3338.55	BC
32	1809158.81	6604041.63	3338.35	CL/BC

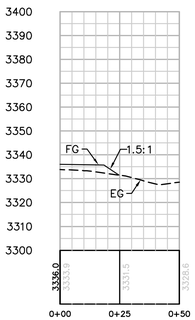
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
33	1809168.77	6604040.81	3338.15	BC
34	1809148.11	6604071.09	3342.34	EC
35	1809158.02	6604072.42	3342.14	CL/EC
36	1809167.93	6604073.74	3341.94	EC
37	1809146.52	6604115.25	(3344.57)	EG
38	1809152.20	6604116.01	(3344.46)	CL
39	1809157.88	6604116.77	(3344.34)	EG
40	1809271.67	6603945.19	3335.03	FG
41	1809182.30	6603892.13	3337.33	FG
42	1809172.17	6603892.63	3337.60	CL
43	1809163.50	6603880.97	3338.11	FG
44	1809170.91	6603819.53	(3329.97)	EG
45	1809180.84	6603820.73	(3329.77)	CL
46	1809190.76	6603821.92	(3329.57)	EG



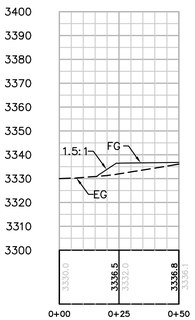
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



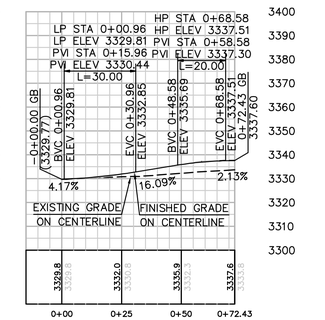
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



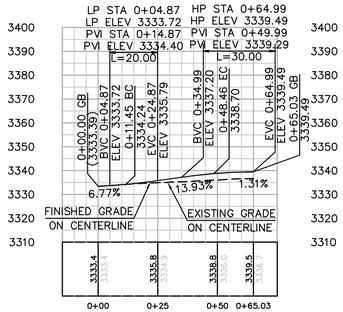
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



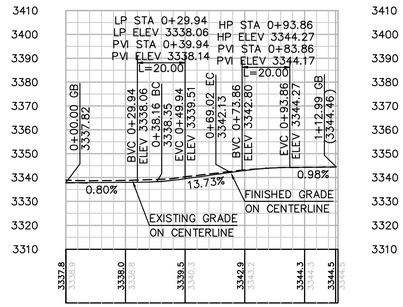
SECTION D-D
HORIZ. & VERT. SCALE: 1" = 30'



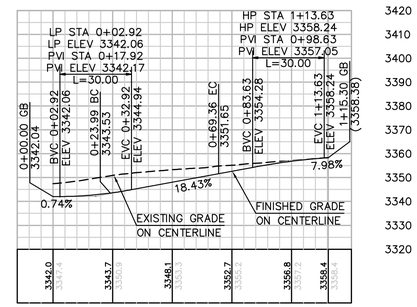
PROFILE: ACCESS ROAD (NORTHWEST)
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD (SOUTHWEST)
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD (NORTHEAST)
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD (SOUTHEAST)
HORIZ. & VERT. SCALE: 1" = 30'

PULL SITE (SOUTH) P-255-2 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 2594 CY
FILL: 2083 CY
NET: 511 CY

DISTURBED AREA:
PULL SITE: 39,083 SF
ROAD: 7,864 SF
TOTAL: 46,947 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 17 LF

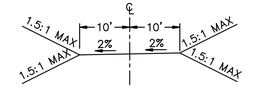
LENGTH OF ACCESS ROADS: 370 LF

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		72.43	S83°07'38"E

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	100.00	37.02	21°12'36"
L2		11.45	S32°09'39"E
L3		16.56	S53°22'15"E

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	143.96	30.86	12°16'53"
L4		38.16	N85°19'24"E
L5		43.98	S82°23'43"E

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C3	75.00	45.37	34°39'47"
L6		23.99	S33°45'57"E
L7		45.94	S68°25'43"E



TYPICAL ACCESS ROAD CROSS SECTION
N.T.S.

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

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11590 West Bernardo Court Suite 100
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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE (SOUTH) P-255-2

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P255-2-PS-A
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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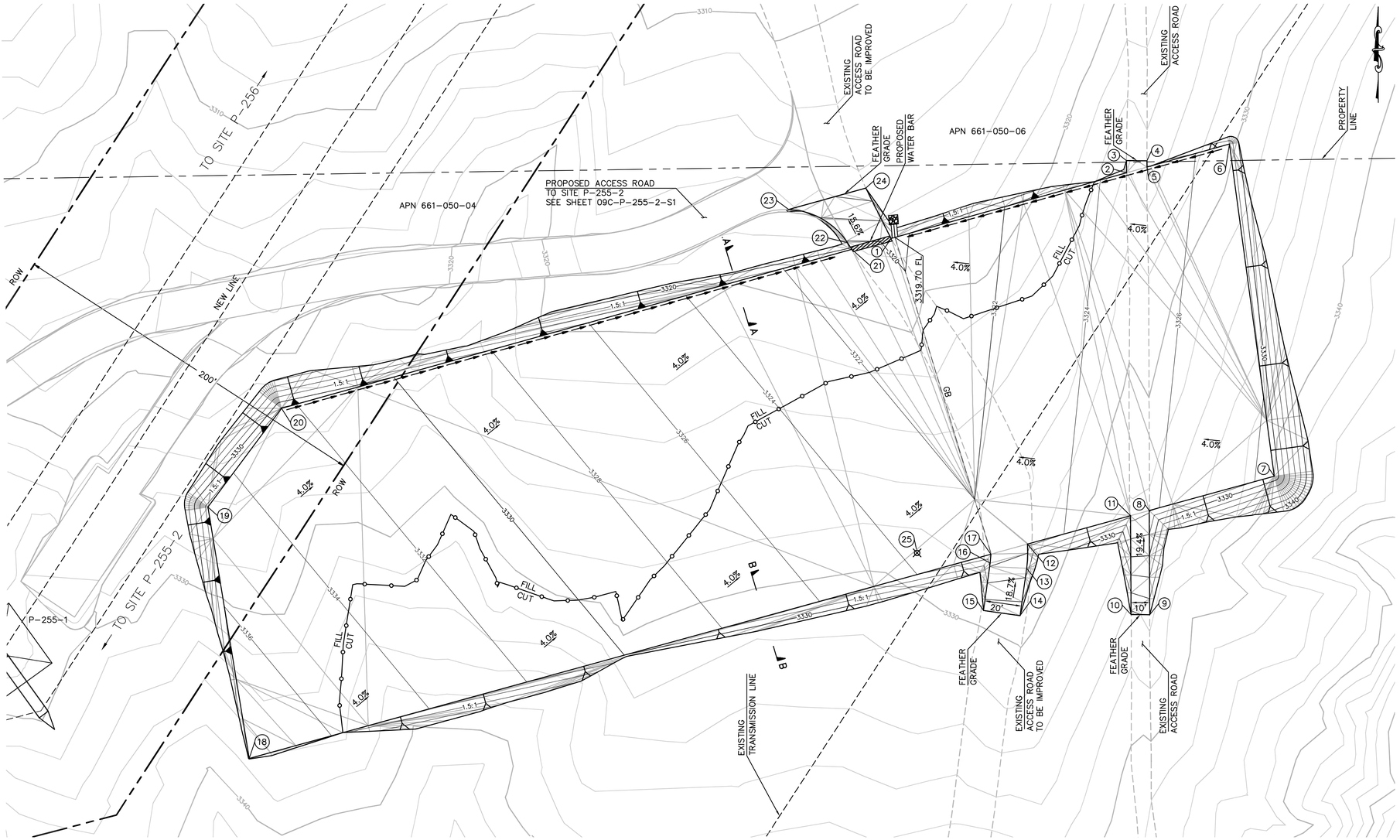


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809713.65	6604679.39	3319.78	FG
2	1809749.21	6604806.93	3324.55	FG
3	1809755.78	6604806.96	(3325.89)	EG
4	1809755.75	6604818.08	(3324.70)	EG
5	1809752.31	6604818.06	3324.98	FG
6	1809764.78	6604862.79	3326.71	FG
7	1809584.77	6604887.07	3328.41	FG
8	1809566.11	6604819.28	3325.79	FG
9	1809509.70	6604819.59	(3335.48)	EG
10	1809509.72	6604809.51	(3336.44)	EG
11	1809563.34	6604809.21	3325.40	FG
12	1809547.95	6604753.32	3323.24	BC/FG
13	1809534.81	6604752.92	3325.23	EC/FG
14	1809509.12	6604749.30	(3329.16)	EG
15	1809511.91	6604729.49	(3329.36)	EG
16	1809537.60	6604733.11	3323.58	EC/FG
17	1809542.50	6604733.50	3322.49	BC/FG
18	1809431.81	6604331.46	3337.69	FG
19	1809568.05	6604309.11	3334.90	FG
20	1809621.52	6604348.99	3332.30	FG
21	1809707.72	6604658.12	3320.59	FG
22	1809711.33	6604655.82	3320.14	BC/FG
23	1809729.33	6604623.93	3316.15	EC/FG
24	1809740.96	6604665.65	(3314.66)	EG
25	1809543.18	6604693.51		RP

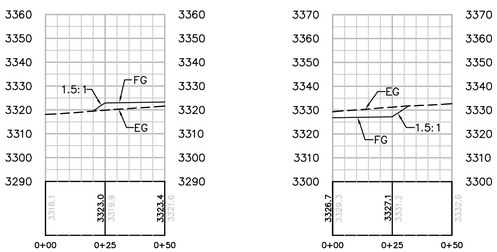
EARTH QUANTITIES:
CUT: 7,080 CY
FILL: 5,970 CY
NET: 1,110 CY

DISTURBED AREA:
PULL SITE: 117,663 SF
TOTAL: 117,663 SF

QUANTITIES
RIP RAP: 25 SF
DOWN DRAIN: 7 LF

PULL SITE P-255-2 (NORTH) PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'

SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

Bureau Veritas North America
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Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
PULL SITE (NORTH) P-255-2

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09C-P255-2-PS-C

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\PULLSITES\09C-P255-PS-C.dwg[CMay-24-2010]6:58

P-269-1 PULL SITE PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
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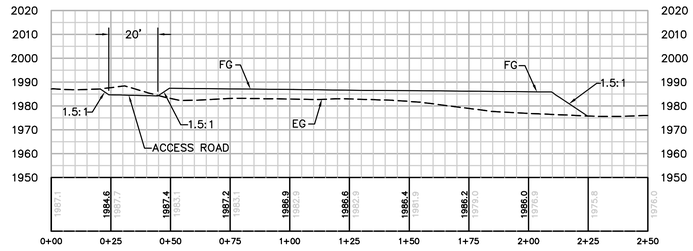
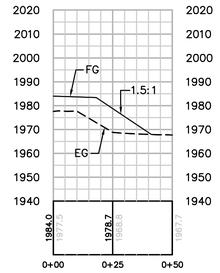
1"=30'



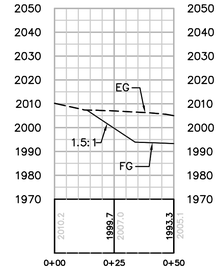
SECTION A-A

HORIZ. & VERT. SCALE: 1" = 30'



SECTION B-B

HORIZ. & VERT. SCALE: 1" = 30'



SECTION C-C

HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1826020.93	6613619.25	(1980.92)	BC
2	1825952.38	6613655.18	1984.31	EC
3	1825971.96	6613609.17		RP
4	1825917.40	6613640.29	1988.90	FG
5	1825881.88	6613627.13	1990.52	FG
6	1825865.33	6613629.56	1991.03	FG
7	1825838.71	6613617.48	1992.18	FG
8	1825793.59	6613587.60	1994.35	FG
9	1825745.26	6613573.79	1996.28	FG
10	1825726.46	6613629.07	1995.74	FG
11	1825730.48	6613676.45	1994.59	FG
12	1825716.29	6613752.45	1993.46	FG
13	1825735.35	6613761.91	1992.61	FG
14	1825765.01	6613790.58	1990.99	FG
15	1825819.53	6613777.58	1989.42	FG
16	1825855.52	6613778.34	1988.19	FG
17	1825886.46	6613828.13	1986.00	FG
18	1825984.24	6613861.07	1982.00	FG
19	1825981.37	6613835.24	1982.72	FG
20	1825981.61	6613774.58	1984.00	FG
21	1825988.02	6613730.63	1984.53	BC
22	1825970.68	6613694.61	1986.07	EC
23	1825909.20	6613659.67	1988.90	FG
24	1825974.25	6613686.22	1980.00	BC
25	1826004.57	6613735.40	(1972.83)	EC
26	1825955.74	6613731.57		RP

EARTH QUANTITIES:
CUT: 5,821 CY.
FILL: 5,212 CY.
NET: 609 CY.

DISTURBED AREA:
PULL SITE: 61,078 SF

QUANTITIES:
DOWN DRAIN: 30 LF.
RIP RAP: 25 SF.

NOTE: GRADING IS TEMPORARY ON TEMPORARY PULL SITE LOCATIONS AND ACCESS ROADS.

P:\16919 SDG&E SPL\CADD\09C\dwg\plan\PULLSITES\09C-P269-PS.dwg[May-24-2010]7:02

Bureau Veritas North America
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www.us.bureauveritas.com

REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
NO. 29708
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9C (LINK 1)
SITE P-269-1 PULL SITE (TEMPORARY)

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	09C-P269-1-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

SUNRISE POWERLINK PROJECT

SECTION 9C (LINK 1)

500kV LINE

PRIVATE ROADWAY / DRIVEWAY PLANS

GENERAL NOTES

1. A PERMIT SHALL BE OBTAINED FROM THE SAN DIEGO COUNTY DEPARTMENT OF PUBLIC WORKS FOR ANY WORK WITHIN THE COUNTY PUBLIC STREET RIGHT-OF-WAY.
2. THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH SAN DIEGO COUNTY STANDARDS AND AS APPROVED BY THE COUNTY'S MATERIALS LABORATORY.
3. APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
4. IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
5. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS GUTTER AND PAVING.
6. ALL SLOPES OVER THREE FEET IN HEIGHT WILL BE PLANTED IN ACCORDANCE WITH SAN DIEGO COUNTY SPECIFICATIONS.
7. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
8. 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, PACIFIC BELL, CABLE TV, WATER DISTRICT, AND SANITATION DISTRICT.
9. A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
10. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
11. ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED 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 ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE 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-DEPICTED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
13. POWER SOURCES AND RUNS SERVING STREET LIGHTS SHALL BE SHOWN ON THE "AS-BUILT " IMPROVEMENT DRAWINGS. ALL SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY, OR WITHIN EASEMENTS DEDICATED TO THE COUNTY OF SAN DIEGO.
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. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECIEVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS.
15. NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
16. PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. COUNTY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS. (IF APPLICABLE)
17. FINISHED GRADING SHALL BE CERTIFIED BY A REGISTERED CIVIL ENGINEER AND INSPECTED BY THE COUNTY ENGINEER FOR DRAINAGE CLEARANCE.

CONTRACTOR'S NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRATOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD COUNTY OF SAN DIEGO HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF COUNTY OF SAN DIEGO PROFESSIONALS.

ENGINEER'S NOTE

UNAUTHORIZED CHANGES & USES: THE ENGINEER OF WORK PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

BASIS OF COORDINATES

THE BASIS OF COORDINATES OF THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE 6, NAD 83 (1992). THE COORDINATES ARE DISPLAYED IN US SURVEY FEET. THE BASIS OF ELEVATIONS IS NAVD 88. ELEVATIONS ARE DISPLAYED IN US SURVEY FEET.

PLAN 09C-DWY-INDEX:

09C-DWY-1	TITLE SHEET
09C-DWY-2	LEGEND, NOTES, ABBREVIATIONS, & DETAILS
09C-DWY-3	TRAFFIC CONTROL DETAILS
09C-DWY-4	PERMIT 9C-1&2
09C-DWY-5	PERMIT 9C-3&4
09C-DWY-6	PERMIT 9C-5&6
09C-DWY-7	PERMIT 9C-7&8
09C-DWY-8	PERMIT 9C-9&10
09C-DWY-9	PERMIT 9C-11&12
09C-DWY-10	PERMIT 9C-13&14
09C-DWY-11	PERMIT 9C-15&16
09C-DWY-12	PERMIT 9C-17&18

UNDERGROUND SERVICE ALERT

CALL: TOLL FREE 1-800 422-4133

"CAUTION": TWO WORKING DAYS BEFORE YOU DIG REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY. NOTIFIES ONLY THOSE UTILITIES BELONGING TO

WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

_____

FOR DIRECTOR OF PUBLIC WORKS DATE

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. _____

RECORD PLAN

NAME: _____

R.C.E. _____

DATE: _____

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. _____

RECORD PLAN

NAME: _____

R.C.E. _____

DATE: _____

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH PE 29708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH

PHONE NO. (858)451-6100

ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127

PERMITS

REZONE PERMIT NO. _____

SPECIAL USE PERMIT NO. _____

GRADING PERMIT NO. _____

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
1		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

PRIVATE ROADWAY / DRIVEWAY PLANS
SECTION 9C IMPROVEMENTS
TITLE SHEET

ENGINEER OF WORK STEPHEN K. SMITH	CHECKED BY:	IMPROVEMENT PLAN NO.
R.C.E. 29708	APPROVAL DATE:	

SPL-9C (LINK 1) | 09C-DWY-01

Bureau Veritas North America
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San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
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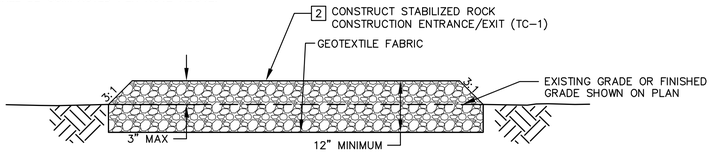
p:\16919 sdg&e sp\agency permit list\exhibits\cadd\9c\plan\1-9c cover.dwg 7/1/2010 8:51 AM

CONSTRUCTION NOTE:

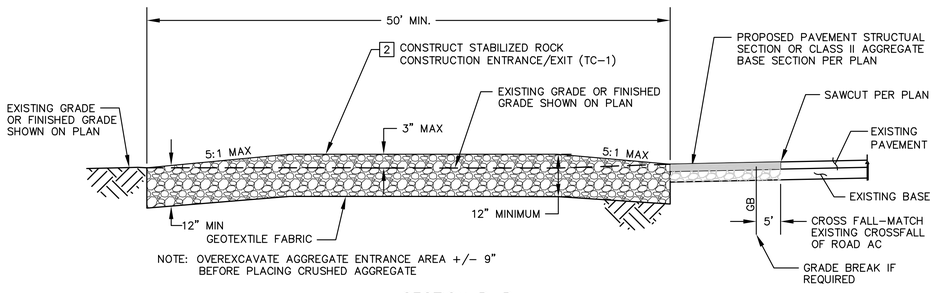
1. CONSTRUCT * ASPHALT CONCRETE OVER * CLASS II AGGREGATE BASE**
2. CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
3. SAWCUT AND JOIN EXISTING PAVEMENT
4. CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
5. INSTALL SIGN W11-10 (TRUCK) WITH W13-IP (XX MPH).
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3
7. CONSTRUCT 6" AC BERM PER COUNTY STD G-5, TYPE A.
8. CONSTRUCT FENCE AND/OR GATE PER SDG&E.
9. CONSTRUCT 2" AC OVERLAY
10. CONSTRUCT CULVERT. (SIZE TO MATCH EXISTING)
11. CONSTRUCT COLLAR

NOTE:

1. * STRUCTURAL SECTION IS SHOWN ON PLANS
2. ** THE PAVEMENT STRUCTURAL SECTION SUBGRADE SHALL BE PREPARED AS FOLLOWS: 12 INCHES OF SUBGRADE SHALL BE REMOVED AND RECOMPACTED TO 95% RELATIVE COMPACTION PER ASTM D1557. IN ADDITION THE SUBGRADE SHOULD BE PROOF ROLLED TO ELIMINATE PUMPING OF SUBGRADE.
3. STABILIZED ROCK SHALL BE CRUSHED AGGREGATE GREATER THAN 3" BUT SMALLER THAN 6". COMPACT TO FILL VOID SPACES TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
4. TC-1 PER STORM WATER BMP HAND BOOK. ROCK SHALL BE COMPACTED PER NOTE ABOVE.

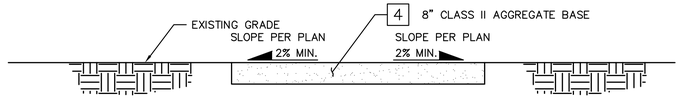


SECTION A-A
NOT TO SCALE

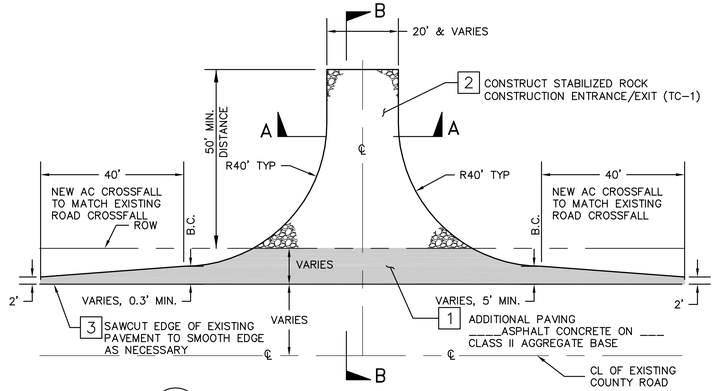


NOTE: OVEREXCAVATE AGGREGATE ENTRANCE AREA +/- 9" BEFORE PLACING CRUSHED AGGREGATE

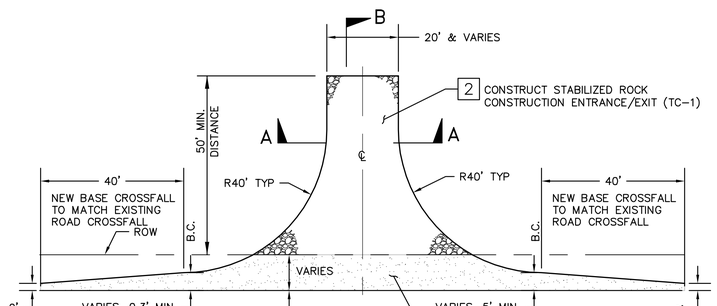
SECTION B-B
NOT TO SCALE



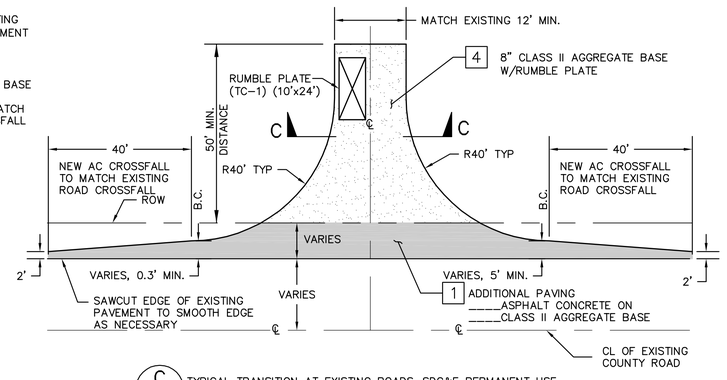
SECTION C-C



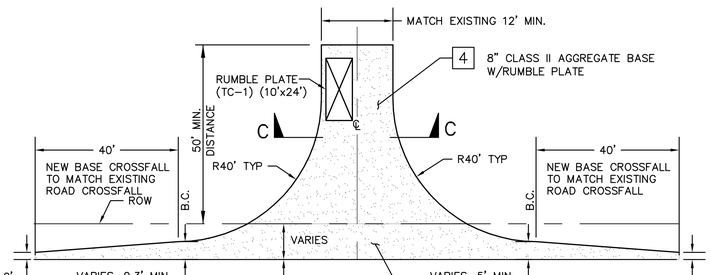
A — TYPICAL TRANSITION AT NEW SDG&E PRIVATE ROAD CONNECTION
NOT TO SCALE



B — TYPICAL TRANSITION AT SDG&E-TEMPORARY ACCESS ROAD
NOT TO SCALE



C — TYPICAL TRANSITION AT EXISTING ROADS-SDG&E PERMANENT USE
NOT TO SCALE



D — TYPICAL TRANSITION AT EXISTING ROADS/DRIVEWAY-SDG&E TEMPORARY USE
NOT TO SCALE

ABBREVIATIONS

AC	ASPHALT CONCRETE PAVING
BW	BOTTOM OF WALL AT FINISHED GROUND
CMP	CORRUGATED METAL PIPE
D/S	DOWN STREAM
(EG)	EXISTING GRADE
FG	FINISHED GRADE
FL	FLOW LINE
GB	GRADE BREAK
PP	POWER POLE
RC	RELATIVE COMPACTION
RD	ROAD
TW	TOP OF WALL
U/S	UP STREAM
EA	EACH
LS	LUMP SUM

LEGEND

- PROPOSED ASPHALT
- STABILIZED ROCK
- CLASS II AGGREGATE BASE
- A / A — SECTION
- INDICATES NEW TOWER
- INDICATES EXISTING STEEL POLE
- NEW POWER LINE
- RIGHT-OF-WAY LINE
- X / XX — DETAIL LABEL (DETAIL # / SHEET #)
- TRAFFIC SIGN

WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

_____
FOR DIRECTOR OF PUBLIC WORKS DATE

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

LEGAL DESCRIPTION	LEGAL DESCRIPTION	ENGINEER OF WORK
ASSESSORS PARCEL NO. _____	ASSESSORS PARCEL NO. _____	REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 29708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA
RECORD PLAN	RECORD PLAN	NAME: STEPHEN K. SMITH
NAME: _____	NAME: _____	PHONE NO. (858)451-6100
R.C.E. _____	R.C.E. _____	ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127
DATE: _____	DATE: _____	

PERMITS

REZONE PERMIT NO. _____
SPECIAL USE PERMIT NO. _____
GRADING PERMIT NO. _____

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

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ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET 2	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

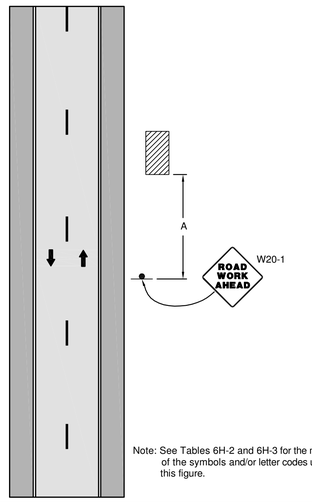
CONSTRUCTION NOTES, DETAILS, ABBREVIATIONS, AND LEGEND

ENGINEER OF WORK: STEPHEN K. SMITH RCE 29708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	

SPL-9C (LINK 1) | 09C-DWY-02

p:\16919 sdge\e sp\\\ggerey\premit\dgs\exhibits\exhibit\2\exh-08- Entrances.dwg/ 2016, 4:52 PM MM

FIGURE 6H-1. WORK BEYOND THE SHOULDER (TA-1)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used this figure.

Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

Guidance:

1. *If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.*

Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

Arrow board	Shadow vehicle
Arrow board support or trailer (shown facing down)	Sign (shown facing left)
Changeable message sign or support trailer	Surveyor
Channelizing device	Temporary barrier
Crash cushion	Temporary barrier with warning light
Direction of temporary traffic detour	Traffic or pedestrian signal
Direction of traffic	Truck-mounted attenuator
Flagger	Type 3 barricade
High-level warning device (Flag tree)	Warning light
Longitudinal channelizing device	Work space
Luminaire	Work vehicle
Pavement markings that should be removed for a long-term project	

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

← RECOMMENDED

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

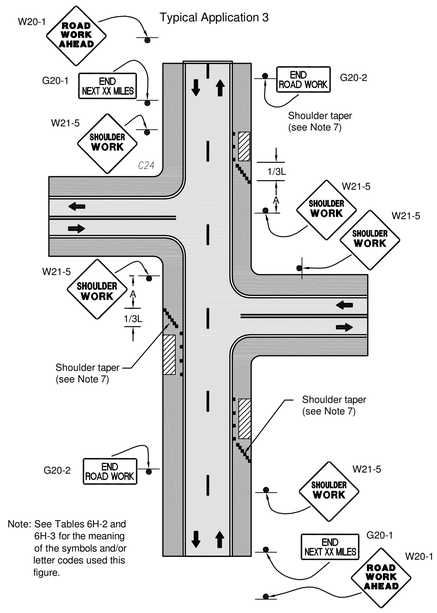
Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

FIGURE 6H-3. WORK ON THE SHOULDERS (TA-3)

Typical Application 3



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used this figure.

Notes for Figure 6H-3—Typical Application 3
Work on the Shoulders

Guidance:

1. *A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.*

Option:

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

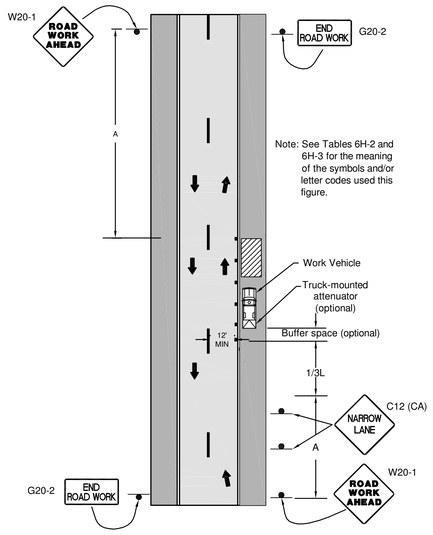
Standard:

6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

7. When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.

FIGURE 6H-6. SHOULDER WORK WITH MINOR ENCROACHMENT (TA-6)

Typical Application 6



Notes for Figure 6H-6—Typical Application 6
Shoulder Work with Minor Encroachment

Guidance:

1. *All lanes should be a minimum of 10 feet in width as measured to the near face of the channelizing devices.*
2. *The treatment shown should be used on a minor road having low speeds. For higher-speed traffic conditions, a lane closure should be used.*

Option:

3. For short-term use on low-volume, low-speed roadways with vehicular traffic that does not include longer and wider heavy commercial vehicles, a minimum lane width of 9 feet may be used.
4. Where the opposite shoulder is suitable for carrying vehicular traffic and of adequate width, lanes may be shifted by use of closely-spaced channelizing devices, provided that the minimum lane width of 10 feet is maintained.
5. Additional advance warning may be appropriate, such as a ROAD NARROWS sign.
6. Temporary traffic barriers may be used along the work space.
7. The shadow vehicle may be omitted if a taper and channelizing devices are used.
8. A truck-mounted attenuator may be used on the shadow vehicle.
9. For short-duration work, the taper and channelizing devices may be omitted if a shadow vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
10. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

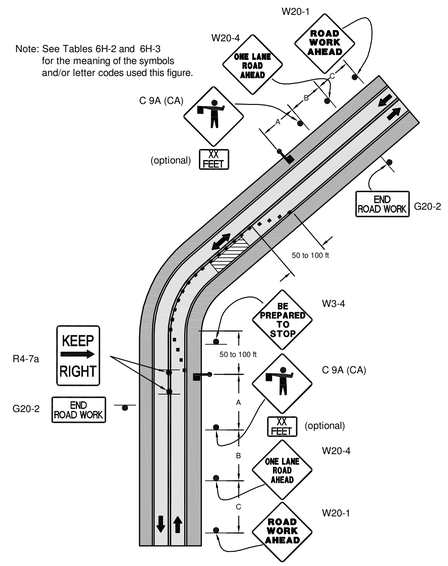
11. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.

12. Shadow and work vehicles shall display high-intensity rotating, flashing, oscillating, or strobe lights.

13. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

FIGURE 6H-10. LANE CLOSURE ON A TWO LANE ROAD USING FLAGGERS (TA-10)

Typical Application 10



Notes for Figure 6H-10—Typical Application 10
Lane Closure on a Two-Lane Road Using Flaggers

Option:

1. For low-volume situations with short work zones on straight roadways where the flagger is visible to road users approaching from both directions, a single flagger, positioned to be visible to road users approaching from both directions, may be used (see Chapter 6E).
2. The ROAD WORK AHEAD and the END ROAD WORK signs may be omitted for short-duration operations.
3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs. A BE PREPARED TO STOP sign may be added to the sign series.

Guidance:

4. *The buffer space should be extended so that the two-way traffic taper is placed before a horizontal (or crest vertical) curve to provide adequate sight distance for the flagger and a queue of stopped vehicles.*

Standard:

5. At night, flagger stations shall be illuminated, except in emergencies.

Guidance:

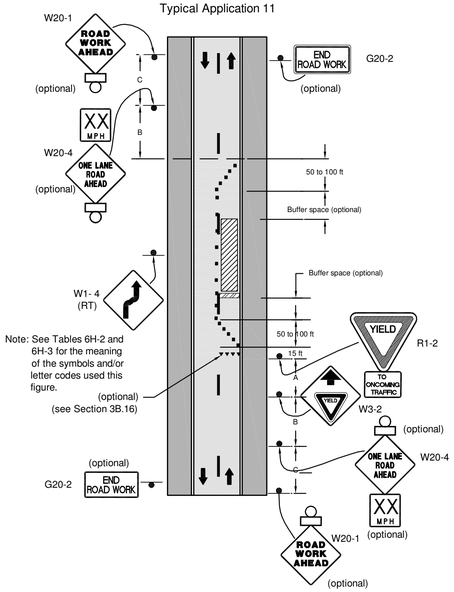
6. *When used, the BE PREPARED TO STOP sign should be located between the Flagger sign and the ONE LANE ROAD sign.*
7. *When a grade crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the grade crossing, the TTC zone should be extended so that the transition area precedes the grade crossing.*
8. *When a grade crossing equipped with active warning devices exists within the activity area, provisions should be made for keeping flaggers informed as to the activation status of these warning devices.*
9. *When a grade crossing exists within the activity area, drivers operating on the left-hand side of the normal center line should be provided with comparable warning devices as for drivers operating on the right-hand side of the normal center line.*
10. *Early coordination with the railroad company or light rail transit agency should occur before work starts.*

Option:

11. A flagger or a uniformed law enforcement officer may be used at the grade crossing to minimize the probability that vehicles are stopped within 15 feet of the grade crossing, measured from both sides of the outside rails.

FIGURE 6H-11. LANE CLOSURE ON A TWO-LANE ROAD WITH LOW TRAFFIC VOLUMES (TA-11)

Typical Application 11



Notes for Figure 6H-11—Typical Application 11
Lane Closure on a Two-Lane Road with Low Traffic Volumes

Option:

1. This TTC zone application may be used as an alternate to the TTC application shown in Figure 6H-10 (using flaggers) when the following conditions exist:
   a. Vehicular traffic volume is such that sufficient gaps exist for vehicular traffic that must yield.
   b. Road users from both directions are able to see approaching vehicular traffic through and beyond the worksite and have sufficient visibility of approaching vehicles.
2. The Type B flashing warning lights may be placed on the ROAD WORK AHEAD and the ONE LANE ROAD AHEAD signs whenever a night lane closure is necessary.

NOTE: TRAFFIC CONTROL PER ATTACHED TYPICAL APPLICATIONS (AASHTO) IS FOR DRIVEWAY/PRIVATE ROAD CONSTRUCTION IN COUNTY RIGHT-OF-WAY

WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131–D, DECISION 94–06–14 AS MODIFIED BY DECISION 95–08–038.

_____
FOR DIRECTOR OF PUBLIC WORKS DATE

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

LEGAL DESCRIPTION
ASSESSORS PARCEL NO. _____

RECORD PLAN
NAME: _____
R.C.E. _____
DATE: _____

LEGAL DESCRIPTION
ASSESSORS PARCEL NO. _____

RECORD PLAN
NAME: _____
R.C.E. _____
DATE: _____

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — PE# 29708 — Exp.3-31-11 — CIVIL — STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH
PHONE NO. (858)451-6100
ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127

PERMITS
REZONE PERMIT NO. _____
SPECIAL USE PERMIT NO. _____
GRADING PERMIT NO. _____

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
3		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

TRAFFIC CONTROL DETAILS

ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 29708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	

SPL-9C (LINK 1) | 09C-DWY-03

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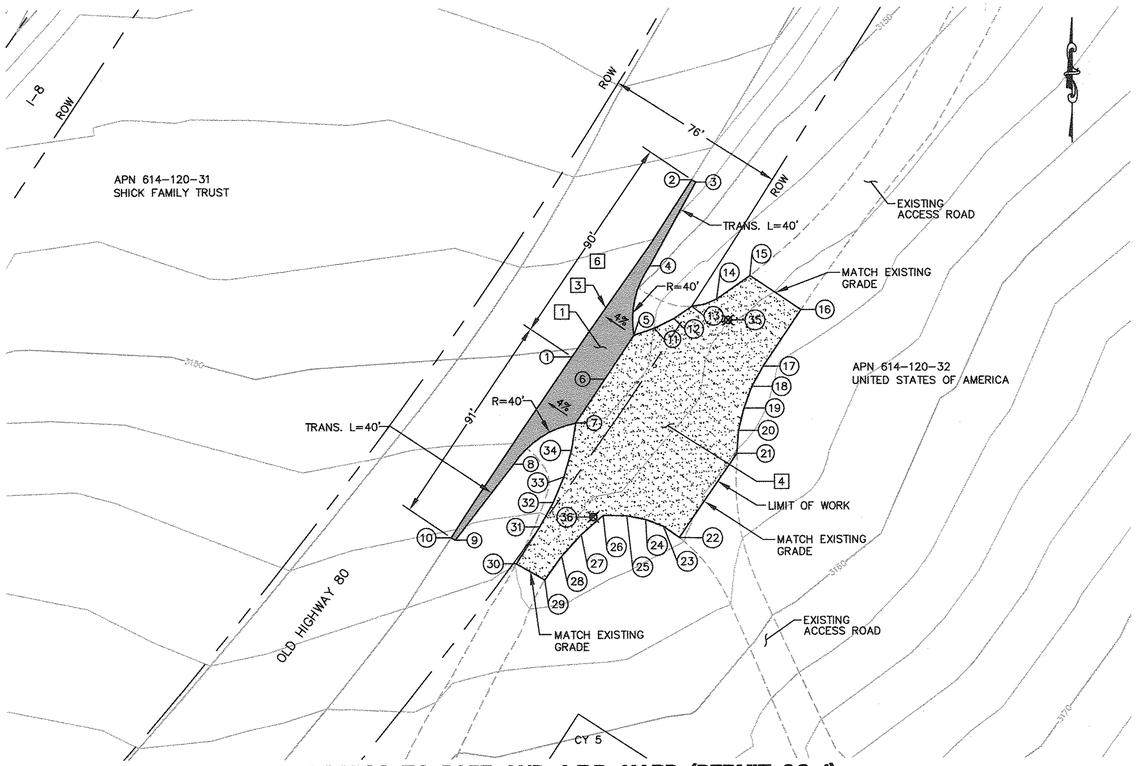


ACCESS TO P257 AND A.E.R. YARD (PERMIT 9C-1)

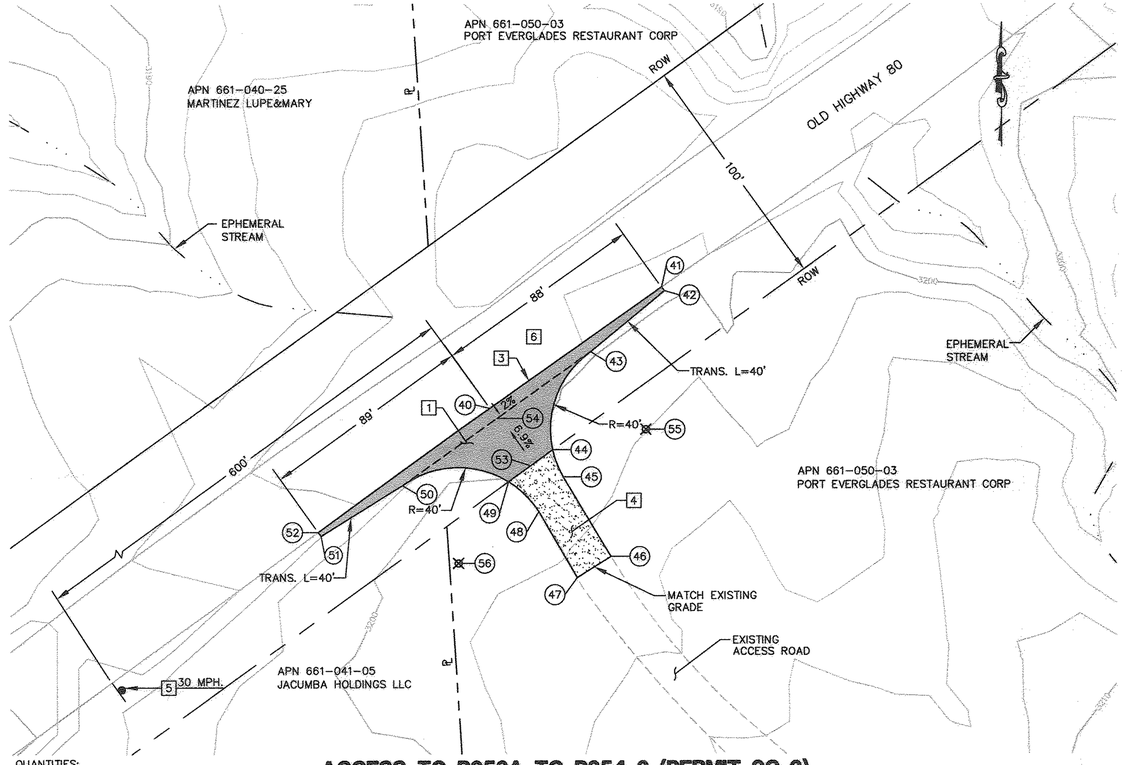
SCALE: 1"=30'

QUANTITIES:

1 PAVEMENT SECTION: 1,499 SF
3 SAWCUT: 181 LF
4 AGGREGATE BASE: 6,364 SF
6 TRAFFIC CONTROL: LUMP SUM

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1812643.94	6605616.90		EP
2	1812718.23	6605667.22		EP
3	1812717.17	6605668.91		EG
4	1812682.12	6605649.54		BC
5	1812652.96	6605642.81		EC
6	1812634.54	6605630.65		EG
7	1812616.11	6605618.49		BC
8	1812599.00	6605592.45		EC
9	1812567.32	6605567.81		EG
10	1812568.42	6605566.13		EP
11	1812655.83	6605651.47		EG
12	1812659.88	6605659.64		EG
13	1812665.04	6605667.16		EG
14	1812668.04	6605677.50		EG
15	1812677.90	6605691.52		EG
16	1812663.56	6605712.88		EG
17	1812639.74	6605696.96		EG
18	1812631.27	6605692.25		EG
19	1812622.18	6605688.96		EG
20	1812612.79	6605686.63		EG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1812603.11	6605685.99		EG
22	1812568.18	6605661.74		EG
23	1812572.74	6605655.12		EG
24	1812575.70	6605647.64		EG
25	1812577.23	6605639.75		EG
26	1812577.41	6605629.86		EG
27	1812569.50	6605620.61		EG
28	1812560.51	6605612.40		EG
29	1812550.60	6605605.34		EG
30	1812557.37	6605593.43		EG
31	1812572.73	6605603.26		EG
32	1812582.82	6605608.98		EG
33	1812593.52	6605613.46		EG
34	1812604.67	6605616.65		EG
35	1812659.20	6605682.32		RP
36	1812576.77	6605625.71		RP



ACCESS TO P252A TO P254-2 (PERMIT 9C-2)

SCALE: 1"=30'

QUANTITIES:

1 PAVEMENT SECTION: 1,834 SF
3 SAWCUT: 177 LF
4 AGGREGATE BASE: 856 SF
5 SIGN: 1 EA
6 TRAFFIC CONTROL: LUMP SUM

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
40	1810114.54	6600983.67		EP
41	1810165.47	6601035.80		EP
42	1810163.84	6601036.95		EG
43	1810138.32	6601006.01		BC
44	1810097.06	6600990.01		POC
45	1810085.70	6600994.41		EC
46	1810052.51	6601014.33		EG
47	1810043.67	6601000.16		EG
48	1810071.16	6600984.16		BC
49	1810083.66	6600971.51		POC
50	1810082.08	6600927.01		EC
51	1810061.08	6600892.83		EG
52	1810062.70	6600891.66		EP
53	1810090.38	6600980.73		EG
54	1810110.30	6600966.66		FL
55	1810105.64	6601029.08		RP
56	1810049.66	6600950.44		RP

CONSTRUCTION NOTE:

1 CONSTRUCT 4" ASPHALT CONCRETE OVER 10" CLASS II AGGREGATE BASE

2 CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.

3 SAWCUT AND JOIN EXISTING PAVEMENT

4 CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.

5 INSTALL SIGN W11-10 (TRUCK) WITH W13-IP (XX MPH).

6 PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

01 INSPECTIONS

TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM OLD HIGHWAY 80) ON APN 614-120-32 AND APN 661-050-03, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

IFC SHEET REVISIONS

REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

01

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 614-120-32

RECORD PLAN

NAME:
R.C.E.:
DATE:

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 661-050-03

RECORD PLAN

NAME:
R.C.E.:
DATE:

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 28708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH
PHONE NO. (858)451-6100
ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127

PERMITS

REZONE PERMIT NO.
SPECIAL USE PERMIT NO.
GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
4		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON OLD HIGHWAY 80 PERMIT 9C-1 & 9C-2

ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 28708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	

SPL-9C (LINK 1) | 09C-DWY-04

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

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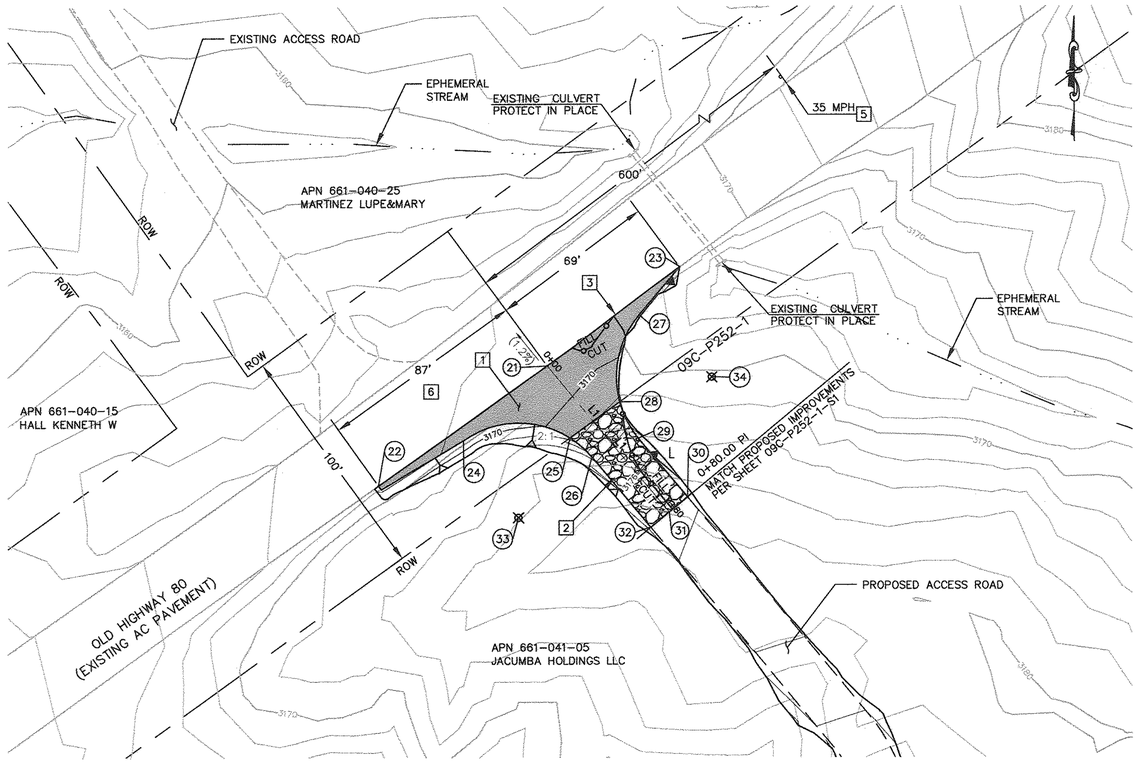
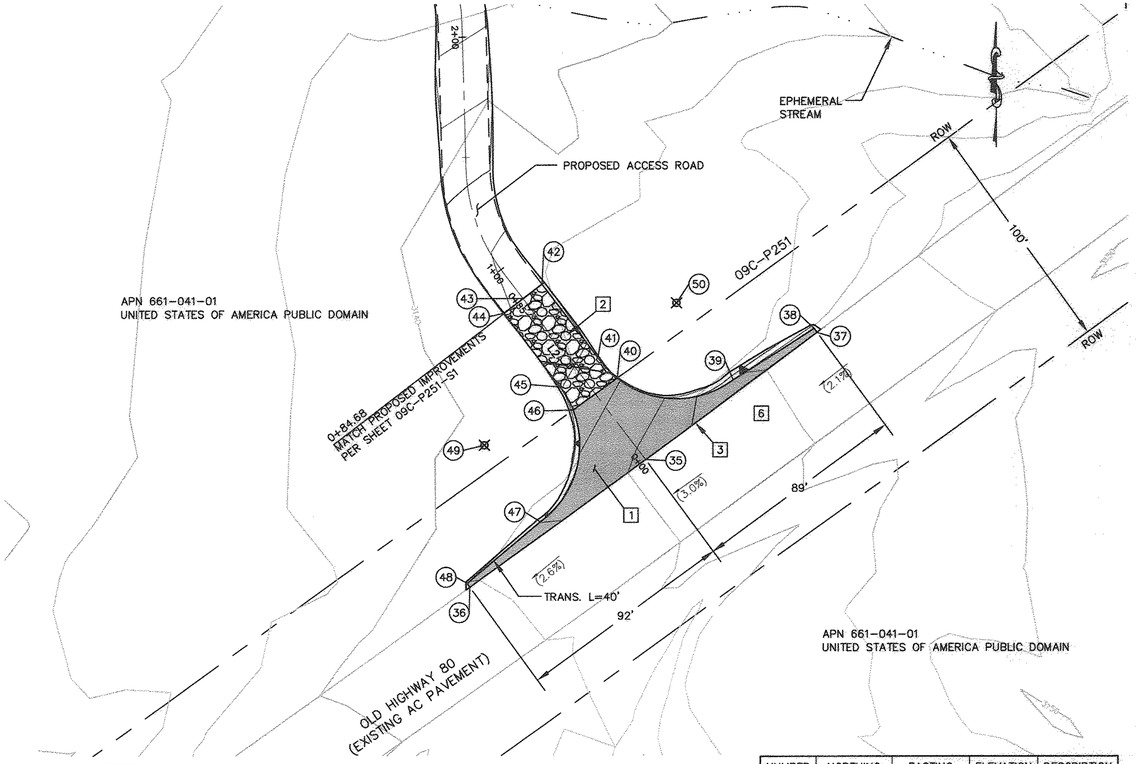


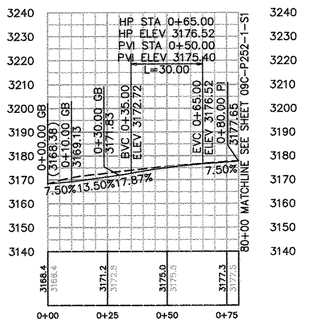


ACCESS TO P252-1 (PERMIT 9C-3)

SCALE: 1"=30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		80.00	S39°42'30"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1809737.43	6600439.41	(3168.38)	EG
22	1809687.14	6600368.72	(3167.47)	EG
23	1809778.67	6600494.97	(3168.89)	EG
24	1809706.24	6600404.22	3168.12	BC
25	1809707.34	6600448.93	3171.54	FG
26	1809699.19	6600458.16	3173.60	EC
27	1809758.61	6600477.89	3168.65	BC
28	1809722.31	6600469.72	3172.29	FG
29	1809707.13	6600477.58	3174.91	EC
30	1809682.27	6600498.22	3177.85	FG
31	1809675.88	6600490.52	3177.65	FG/CL
32	1809669.50	6600482.83	3177.45	FG
33	1809673.63	6600427.40		RP
34	1809732.68	6600508.35		RP



PROFILE: DRIVEWAY TO TOWER P-252-1

HORIZ. & VERT. SCALE: 1" = 30'

QUANTITIES:

1	PAVEMENT SECTION:	1,811 SF
3	SAWCUT:	156 LF
4	STABILIZED ROCK:	1,028 SF
5	SIGN:	1 EA
6	TRAFFIC CONTROL:	LUMP SUM

EARTHWORK QUANTITIES:

CUT:	128 CY
FILL:	8 CY
NET:	120 CY

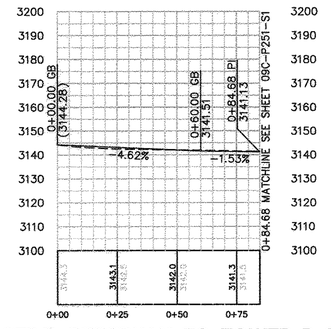
DISTURBED AREA:

ROAD:	3815 SF
LENGTH OF ACCESS ROAD:	80 LF

ACCESS TO P251 (PERMIT 9C-4)

SCALE: 1"=30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L2		84.68	N37°23'44"W



PROFILE: DRIVEWAY TO TOWER P-251

HORIZ. & VERT. SCALE: 1" = 30'

QUANTITIES:

1	PAVEMENT SECTION:	2,058 SF
3	SAWCUT:	181 LF
4	STABILIZED ROCK:	1,010 SF
5	SIGN:	1 EA
6	TRAFFIC CONTROL:	LUMP SUM

EARTHWORK QUANTITIES:

CUT:	9 CY
FILL:	63 CY
NET:	54 CY

DISTURBED AREA:

ROAD	5737 SF
LENGTH OF ACCESS ROAD:	85 LF

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
35	1809061.57	6599440.57	(3144.28)	EG
36	1809007.86	6599366.79	(3141.89)	EG
37	1809114.54	6599512.48	(3146.59)	EG
38	1809116.23	6599511.23	3146.67	FG
39	1809094.84	6599477.29	3145.89	BC
40	1809095.68	6599428.62	3142.92	FG
41	1809104.19	6599420.59	3142.36	EC
42	1809134.92	6599397.09	3141.33	FG
43	1809128.85	6599389.15	3141.13	FG
44	1809122.77	6599381.20	3140.93	FG
45	1809092.05	6599404.69	3141.95	EC
46	1809082.37	6599410.15	3142.40	FG
47	1809035.36	6599396.34	3143.00	BC
48	1809009.48	6599365.62	3141.97	FG
49	1809067.75	6599372.91		RP
50	1809127.00	6599453.50		RP

CONSTRUCTION NOTE:

1. CONSTRUCT 4" ASPHALT CONCRETE OVER 10" CLASS II AGGREGATE BASE
2. CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
3. SAWCUT AND JOIN EXISTING PAVEMENT
5. INSTALL SIGN W11-10 (TRUCK) WITH W13-1P (XX MPH).
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

01 INSPECTIONS
TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM OLD HIGHWAY 80) ON APN 661-041-05 AND APN 661-041-01, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	SHEET & CONFER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

LEGAL DESCRIPTION	LEGAL DESCRIPTION	ENGINEER OF WORK
ASSESSORS PARCEL NO. 661-041-05	ASSESSORS PARCEL NO. 661-041-01	NAME: STEPHEN K. SMITH
RECORD PLAN	RECORD PLAN	PHONE NO. (858)451-6100
NAME:	NAME:	ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127
R.C.E.	R.C.E.	
DATE:	DATE:	

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH No. 29708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

PERMITS
REZONE PERMIT NO.
SPECIAL USE PERMIT NO.
GRADING PERMIT NO.

COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK
NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88
NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88
NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT		
SHEET 5	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON OLD HIGHWAY 80 PERMIT 9C-3 & 9C-4

ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 29708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	
SPL-9C (LINK 1)	09C-DWY-05	

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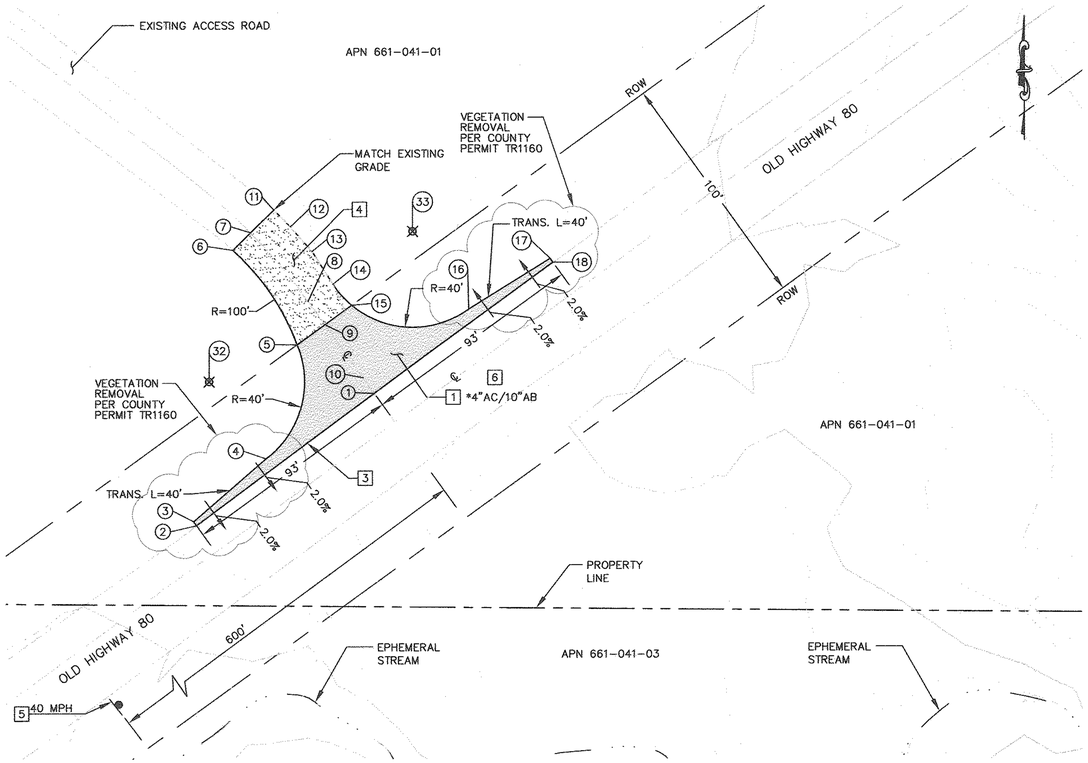


QUANTITIES:

1	PAVEMENT SECTION:	2,267	SF
3	SAWCUT:	186	LF
4	AGGREGATE BASE:	1,220	SF
5	SIGN:	1	EA
6	TRAFFIC CONTROL:	LUMP SUM	

ACCESS TO P250 (PERMIT 9C-5)

SCALE: 1"=30'

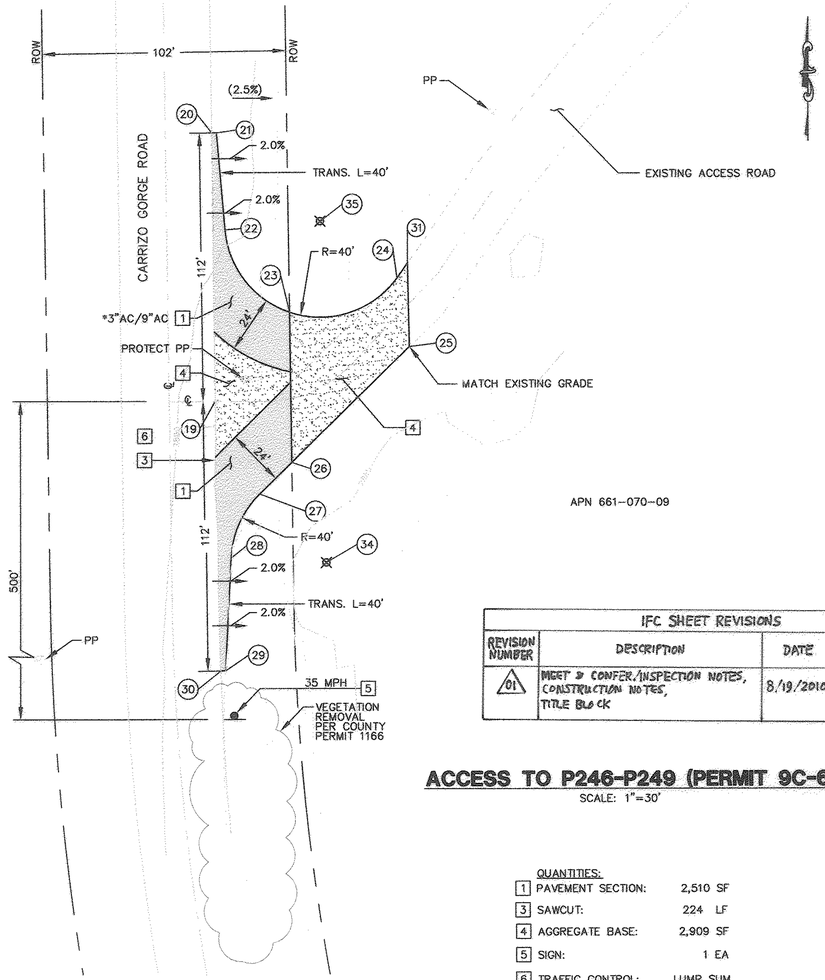
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1808458.84	6598605.05		CL/EP
2	1808403.76	6598530.46		EP
3	1808405.37	6598529.27		EG
4	1808431.56	6598559.65		BC
5	1808479.13	6598572.79		PRC
6	1808518.65	6598545.82		EC
7	1808525.95	6598553.27		EG
8	1808497.32	6598577.34		EG
9	1808487.58	6598584.35		EG
10	1808465.37	6598600.35		CL
11	1808535.44	6598562.96		EG
12	1808528.35	6598569.91		EG
13	1808518.10	6598579.01		EG
14	1808504.43	6598587.78		BC
15	1808495.68	6598595.60		PRC
16	1808494.03	6598644.68		EC
17	1808515.08	6598678.83		EG
18	1808513.46	6598680.00		EP
32	1808463.73	6598535.87		RP
33	1808526.41	6598621.20		RP

CONSTRUCTION NOTE: 01

1. CONSTRUCT * ASPHALT CONCRETE OVER * CLASS II AGGREGATE BASE
2. CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
3. SAWCUT AND JOIN EXISTING PAVEMENT
4. CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
5. INSTALL SIGN W11-10 (TRUCK) WITH W13-IP (XX MPH).
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3
7. ~~CONSTRUCT 6" AC BERM PER COUNTY STD G-5, TYPE A.~~
8. ~~CONSTRUCT FENCE AND/OR GATE PER SDG&E.~~
9. ~~CONSTRUCT 2" AC OVERLAY~~
10. ~~CONSTRUCT CULVERT. (SIZE TO MATCH EXISTING)~~
11. ~~CONSTRUCT COLLAR~~

NOTE:

1. * STRUCTURAL SECTION IS SHOWN ON PLANS



ACCESS TO P246-P249 (PERMIT 9C-6)

SCALE: 1"=30'

QUANTITIES:

1	PAVEMENT SECTION:	2,510	SF
3	SAWCUT:	224	LF
4	AGGREGATE BASE:	2,909	SF
5	SIGN:	1	EA
6	TRAFFIC CONTROL:	LUMP SUM	

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
19	1806575.44	6589642.30		EG
20	1806687.37	6589640.95		EG
21	1806687.38	6589642.95		EG
22	1806646.96	6589646.48		BC
23	1806612.57	6589673.48		POC
24	1806626.69	6589718.53		EC
25	1806598.12	6589723.69		EG
26	1806549.90	6589674.34		EG
27	1806536.75	6589660.88		BC
28	1806510.09	6589648.88		EC
29	1806462.96	6589646.57		EG
30	1806462.89	6589644.57		EG
31	1806633.04	6589722.94		EC
34	1806508.14	6589688.83		RP
35	1806650.45	6589686.33		RP

01 INSPECTIONS

TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM OLD HIGHWAY 80 AND CARRIZO GORGE ROAD) ON APN 661-041-01 AND APN 661-070-09, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

IFC SHEET REVISIONS

REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER./INSPECTION NOTES, CONSTRUCTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 661-041-01

RECORD PLAN

NAME:

R.C.E.

DATE:

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 661-070-09

RECORD PLAN

NAME:

R.C.E.

DATE:

01

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH NO. 29708 EXP. 3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH

PHONE NO. (858)451-6100

ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127

PERMITS

REZONE PERMIT NO.

SPECIAL USE PERMIT NO.

GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
6		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON OLD HIGHWAY 80 & CARRIZO GORGE RD. PERMIT 9C-5 & 9C-6

ENGINEER OF WORK STEPHEN K. SMITH R.C.E. 29708	CHECKED BY: APPROVAL DATE:	IMPROVEMENT PLAN NO.

SPL-9C (LINK 1) | 09C-DWY-06

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

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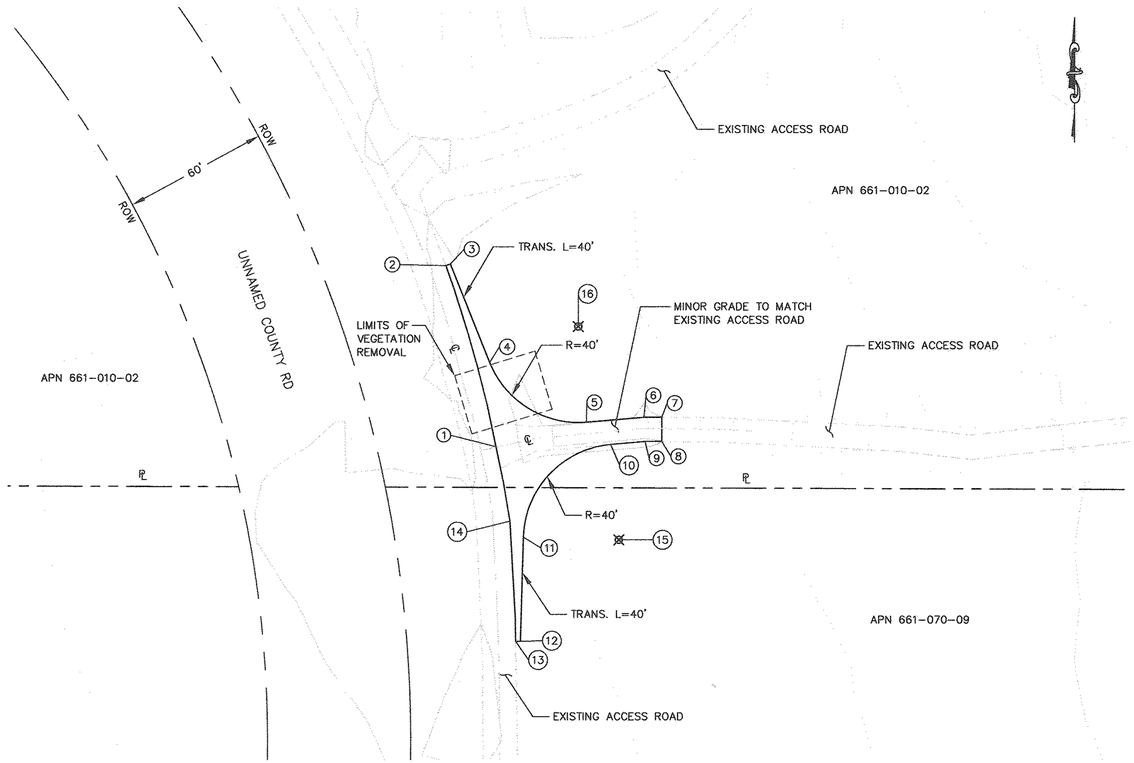

ACCESS TO P245-1 (PERMIT 9C-7)

SCALE: 1"=30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1808537.68	6589595.41	(2840.60)	EG
2	1808613.21	6589574.36	(2840.19)	EG
3	1808613.87	6589576.25	(2840.10)	EG
4	1808572.87	6589592.76	(2840.38)	BC
5	1808547.97	6589633.29	(2839.60)	EC
6	1808550.04	6589657.38	(2839.60)	EG
7	1808550.03	6589664.89	(2839.98)	EG
8	1808539.84	6589664.89	(2839.97)	EG
9	1808539.84	6589657.81	(2839.60)	EG
10	1808538.62	6589643.51	(2839.60)	BC
11	1808499.90	6589606.95	(2840.95)	EC
12	1808456.47	6589605.71	(2840.77)	EG
13	1808456.44	6589603.71	(2840.69)	EG
14	1808506.55	6589601.26	(2840.64)	EG
15	1808498.76	6589646.93		RP
16	1808587.82	6589629.86		RP

QUANTITIES:
DISTURBED AREA: 1,942 SF

QUANTITIES:
DISTURBED AREA: 3,043 SF

EARTHWORK QUANTITIES:

CUT:	55 CY
FILL:	74 CY
NET:	19 CY

DISTURBED AREA:
ROAD: 3043 SF

LENGTH OF ACCESS ROAD: 72 LF

01 INSPECTIONS
TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

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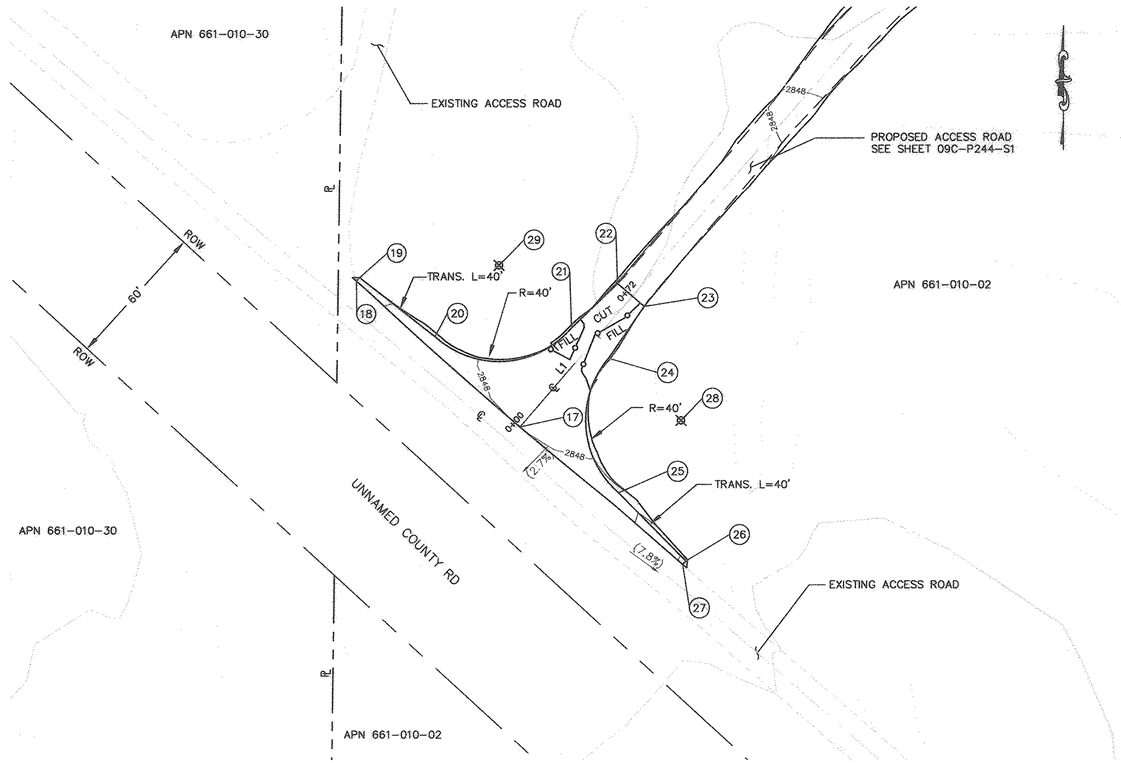
Kenneth J. Brazell — 7-02-10
FOR DIRECTOR OF PUBLIC WORKS — DATE

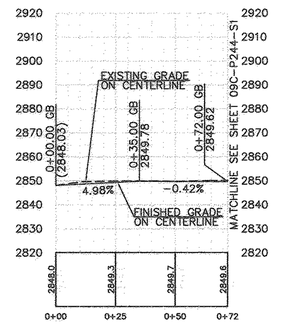


ACCESS TO P244 (PERMIT 9C-8)

SCALE: 1"=30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		72.00'	N40°30'48"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	1809092.80	6589129.74	(2848.03)	EG
18	1809153.46	6589061.26	(2845.21)	EG
19	1809154.98	6589062.56	2845.17	FG
20	1809130.44	6589094.18	2847.03	BC
21	1809134.10	6589151.43	2849.93	EC
22	1809152.53	6589170.67	2849.78	FG
23	1809142.98	6589181.85	2849.49	FG
24	1809121.48	6589166.95	2849.54	BC
25	1809065.25	6589171.17	2846.93	EC
26	1809036.80	6589199.44	2843.74	FG
27	1809035.28	6589198.13	(2843.78)	EG
28	1809095.49	6589197.36		RP
29	1809160.09	6589121.02		RP



PROFILE: ACCESS TO P244 (PERMIT 9C-8)

HORIZ. & VERT. SCALE: 1"=30'

IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES. TITLE BLOCK	8/19/2010	JB	MB

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

LEGAL DESCRIPTION	LEGAL DESCRIPTION
ASSESSORS PARCEL NO. 661-070-09 & 661-010-02	ASSESSORS PARCEL NO. 661-010-02
RECORD PLAN	**RECORD PLAN**
NAME:	NAME:
R.C.E.	R.C.E.
DATE:	DATE:

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — Exp.3-31-11 — CIVIL — STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH
PHONE NO. (858)451-6100
ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127

PERMITS

REZONE PERMIT NO.
SPECIAL USE PERMIT NO.
GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET 7	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON UN-NAMED COUNTY ROAD PERMIT 9C-7 & 9C-8

ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 29708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	
SPL-9C (LINK 1)	09C-DWY-07	

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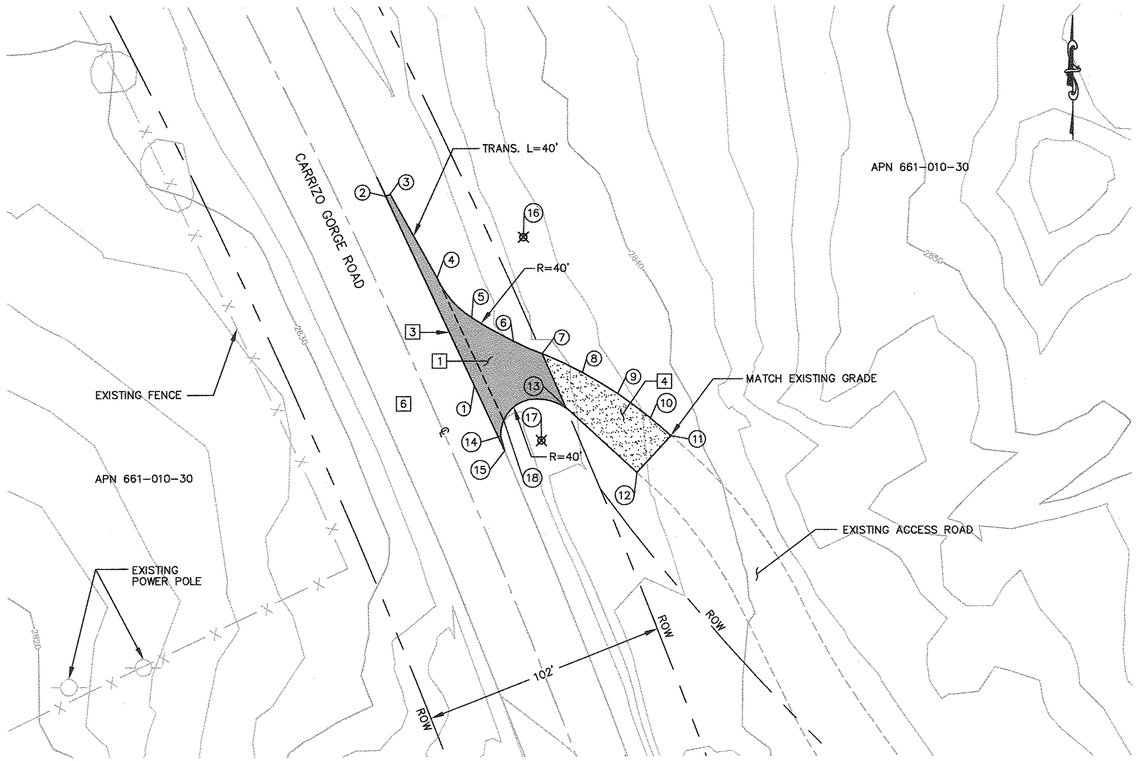


ACCESS TO P244-P245-1 (PERMIT 9C-9)

SCALE: 1"=30'

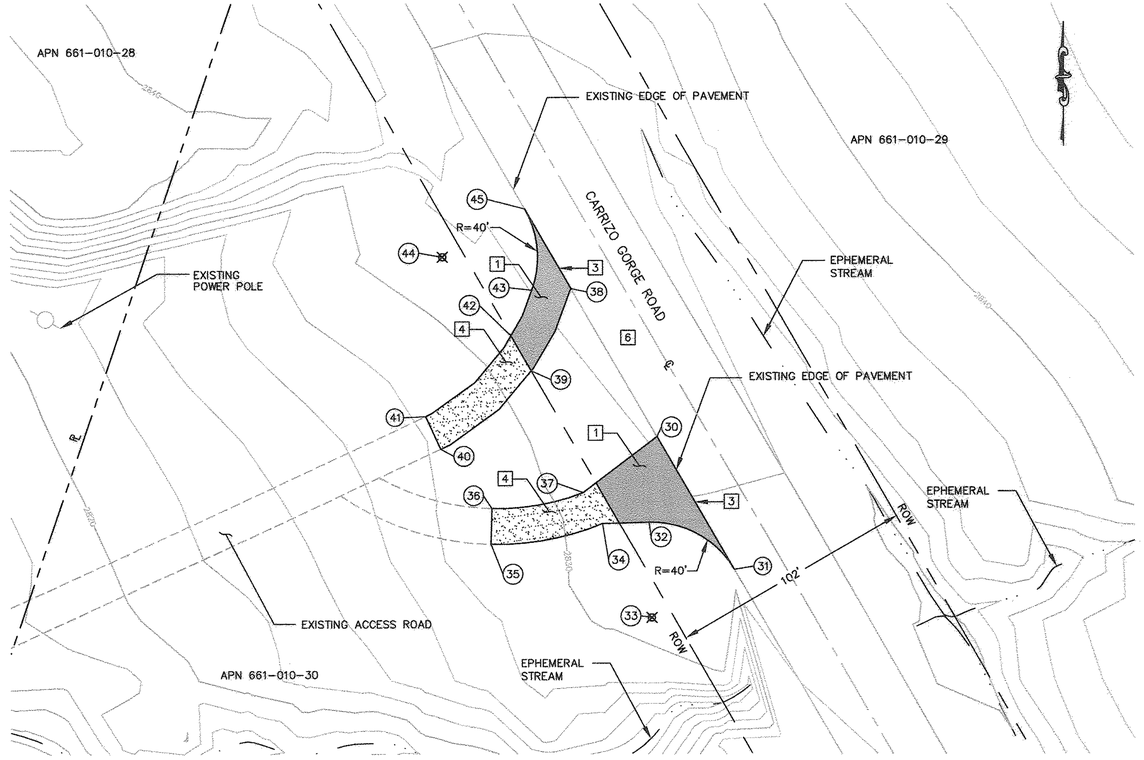
QUANTITIES:

1	PAVEMENT SECTION:	1,387 SF
3	SAWCUT:	118 LF
4	AGGREGATE BASE:	979 SF
6	TRAFFIC CONTROL:	LUMP SUMP

CONSTRUCTION NOTE:

1. CONSTRUCT 3" ASPHALT CONCRETE OVER 9" CLASS II AGGREGATE BASE
2. CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
3. SAWCUT AND JOIN EXISTING PAVEMENT
4. CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1809944.79	6588161.32		EP
2	1810023.99	6588124.39		EP
3	1810024.84	6588126.21		EG
4	1809989.85	6588145.83		BC
5	1809973.21	6588160.30		EC
6	1809963.27	6588177.84		EG
7	1809958.04	6588189.89		EG
8	1809950.04	6588206.74		EG
9	1809941.17	6588221.40		EG
10	1809930.97	6588235.14		EG
11	1809923.61	6588243.72		EG
12	1809908.16	6588229.47		EG
13	1809934.02	6588201.44		BC
14	1809923.60	6588172.36		EC
15	1809917.52	6588174.03		EG
16	1810006.75	6588182.08		RP
17	1809921.76	6588189.43		RP
18	1809930.16	6588173.66		FL



ACCESS TO JACUMBA VALLEY RANCH YARD (PERMIT 9C-10)

SCALE: 1"=30'

QUANTITIES:

1	PAVEMENT SECTION:	1,688 SF
3	SAWCUT:	102 LF
4	AGGREGATE BASE:	1,517 SF
6	TRAFFIC CONTROL:	LUMP SUMP

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
30	1810525.28	6587803.88		EP
31	1810469.53	6587836.24		EP
32	1810489.43	6587800.55		EC
33	1810449.45	6587801.65		RP
34	1810488.90	6587781.05		EG
35	1810480.21	6587734.27		EG
36	1810495.20	6587734.62		EG
37	1810501.81	6587772.94		EG
38	1810587.26	6587767.90		EP
39	1810552.79	6587751.25		EG
40	1810520.16	6587713.26		EG
41	1810533.77	6587706.95		EG
42	1810567.51	6587742.74		EG
43	1810586.50	6587751.55		BC
44	1810600.38	6587714.03		RP
45	1810620.46	6587748.62		EP

INSPECTIONS

01 TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM CARRIZO GORGE ROAD) ON APN 661-010-30, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

IPC SHEET REVISIONS

REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 661-010-30

RECORD PLAN

NAME:

R.C.E.

DATE:

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 661-010-30

RECORD PLAN

NAME:

R.C.E.

DATE:

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 22708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH

PHONE NO. (858)451-6100

ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127

PERMITS

REZONE PERMIT NO.

SPECIAL USE PERMIT NO.

GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
8		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON CARRIZO GORGE ROAD PERMIT 9C-9 & 9C-10

ENGINEER OF WORK: STEPHEN K. SMITH	CHECKED BY:	IMPROVEMENT PLAN NO.
R.C.E. 22708	APPROVAL DATE:	
SPL-9C (LINK 1)		09C-DWY-08

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

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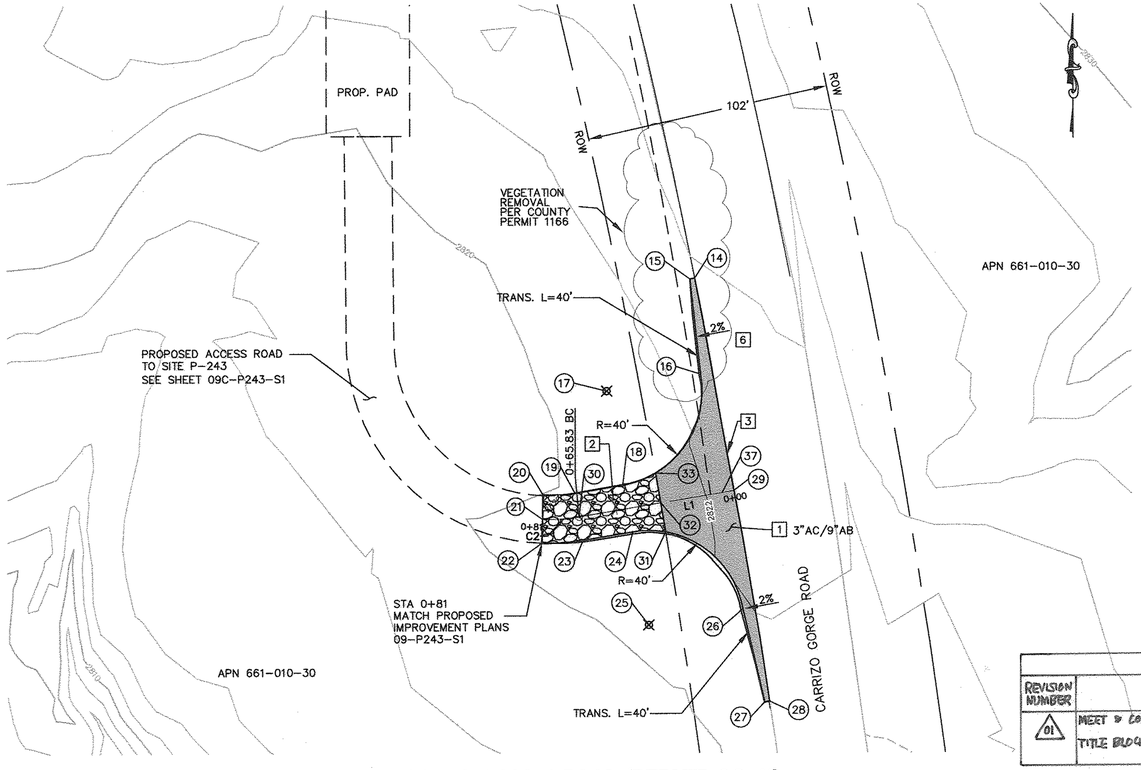
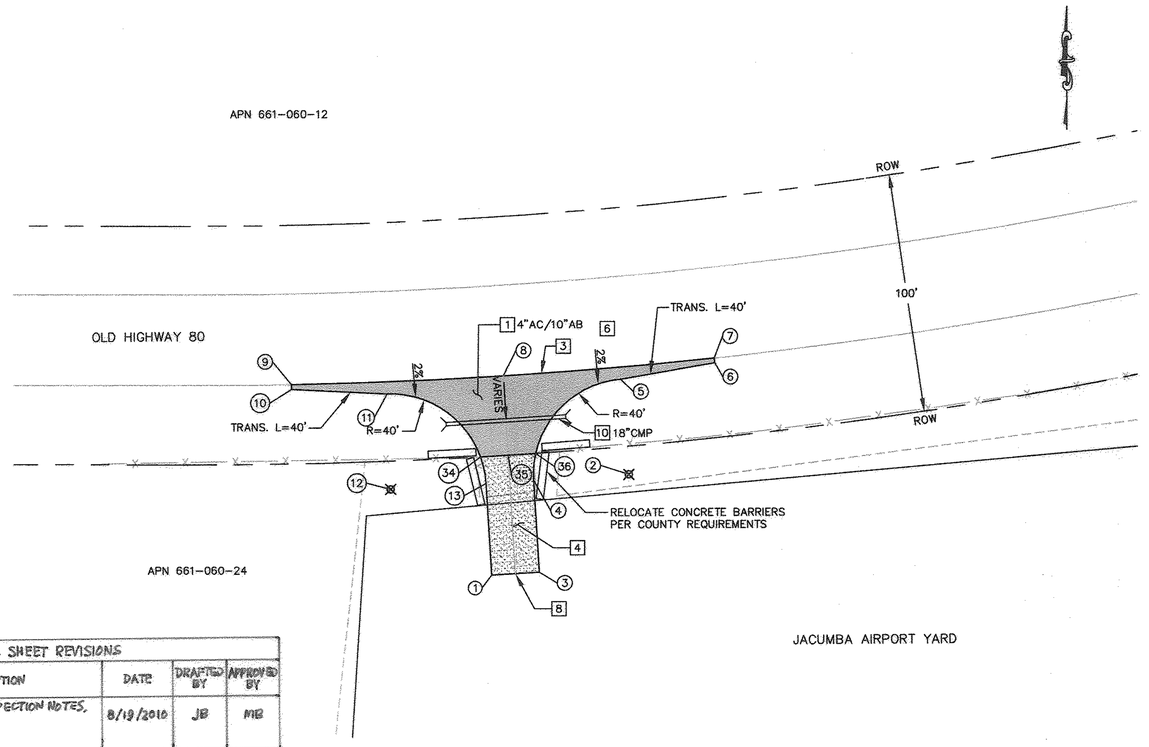




IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

ACCESS TO P239-1-P243 (PERMIT 9C-11)

SCALE: 1"=30'

QUANTITIES:

1	PAVEMENT SECTION:	1983 SF
2	STABILIZED ROCK:	1023 SF
3	SAWCUT:	181 LF
6	TRAFFIC CONTROL:	LS

EARTHWORK QUANTITIES:

CUT: 1 CY
FILL: 19 CY
NET: 18 CY

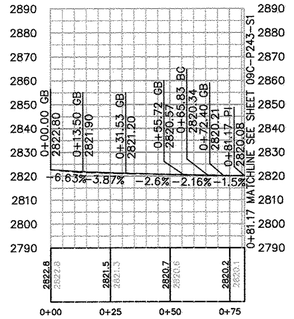
DISTURBED AREA:

ROAD: 3157 SF

LENGTH OF ACCESS ROAD: 81 LF

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
14	1809275.51	6588331.45	(2823.82)	EG
15	1809275.12	6588329.49	(2823.65)	EG
16	1809235.23	6588333.91	2823.11	BC
17	1809228.25	6588294.53		RP
18	1809188.80	6588301.18	2820.60	EC
19	1809185.44	6588281.23	2820.14	BC
20	1809184.58	6588267.99	2819.88	EC
21	1809174.59	6588267.61	2820.08	CL/EC
22	1809164.61	6588267.24	2820.28	EC
23	1809165.72	6588284.56	2820.54	BC
24	1809169.23	6588305.39	2821.02	EC
25	1809129.79	6588312.04		RP
26	1809136.47	6588351.48	2821.89	BC
27	1809097.38	6588360.58	(2821.40)	EG
28	1809097.68	6588362.56	(2821.47)	EG
29	1809186.52	6588347.81	(2822.80)	EG
30	1809175.58	6588282.89	2820.34	CL/EC
31	1809169.15	6588319.15	2821.21	EP
32	1809181.35	6588317.10	2821.22	EP
33	1809193.85	6588314.94	2821.20	EP
37	1809185.69	6588342.88	2822.46	GB/CL

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	75.00	15.34	11°43'02"
L1		65.83	S80°25'46"W



PROFILE: ACCESS TO P239-1-P243 (PERMIT 9C-11)

HORIZ. & VERT. SCALE: 1"=30'

QUANTITIES:

1	PAVEMENT SECTION:	1976 SF
3	SAWCUT:	178 LF
4	AGGREGATE BASE:	1012 SF
5	TRAFFIC CONTROL:	LS
8	GATE:	1 EA
10	18" CMP CULVERT:	50 LF

ACCESS TO JACUMBA AIRPORT YARD (PERMIT 9C-12)

SCALE: 1"=30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1804388.62	6587247.03		EG
2	1804431.01	6587304.59		RP
3	1804389.82	6587267.00		EG
4	1804428.61	6587264.66		EG
5	1804470.87	6587301.17		EG
6	1804477.66	6587340.67		EG
7	1804479.65	6587340.46		EG
8	1804472.31	6587252.01		EG
9	1804468.91	6587163.28		EG
10	1804466.91	6587163.32		EG
11	1804464.94	6587203.35		EG
12	1804424.97	6587204.77		RP
13	1804427.37	6587244.70		EG
34	1804438.46	6587242.43		EG
35	1804439.12	6587253.99		CL
36	1804439.85	6587265.58		EG

CONSTRUCTION NOTE:

1. CONSTRUCT * ASPHALT CONCRETE OVER * CLASS II AGGREGATE BASE
2. CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
3. SAWCUT AND JOIN EXISTING PAVEMENT
4. CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3
8. CONSTRUCT FENCE AND/OR GATE PER SDG&E.
10. CONSTRUCT CULVERT.

NOTE:

1. * STRUCTURAL SECTION IS SHOWN ON PLANS

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM CARRIZO GORGE ROAD AND OLD HIGHWAY 80) ON APN 661-010-30 AND APN 661-060-24, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

01 INSPECTIONS
TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01

LEGAL DESCRIPTION
ASSESSORS PARCEL NO. 661-010-30
RECORD PLAN
NAME:
R.C.E.
DATE:

LEGAL DESCRIPTION
ASSESSORS PARCEL NO. 661-060-24
RECORD PLAN
NAME:
R.C.E.
DATE:

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 29706 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH
PHONE NO. (858)451-6100
ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127

PERMITS
REZONE PERMIT NO.
SPECIAL USE PERMIT NO.
GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
9		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON CARRIZO GORGE RD. & OLD HIGHWAY 80 PERMIT 9C-11 & 9C-12

ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 29706
CHECKED BY:
APPROVAL DATE:
IMPROVEMENT PLAN NO.

SPL-9C (LINK 1) | 09C-DWY-09

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

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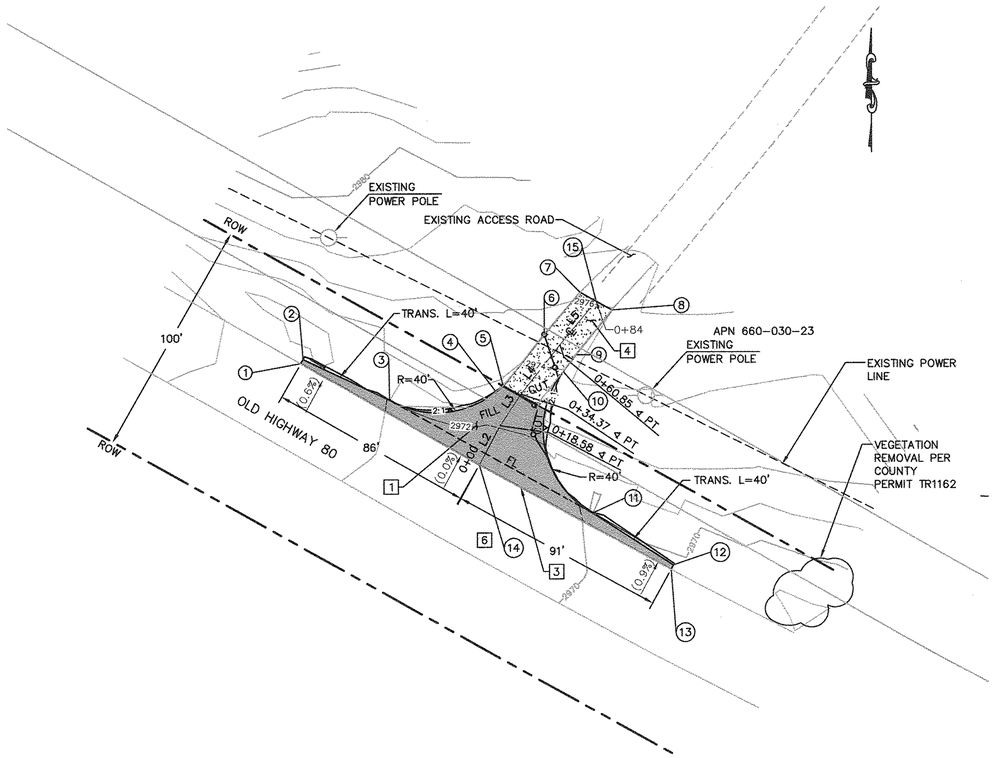
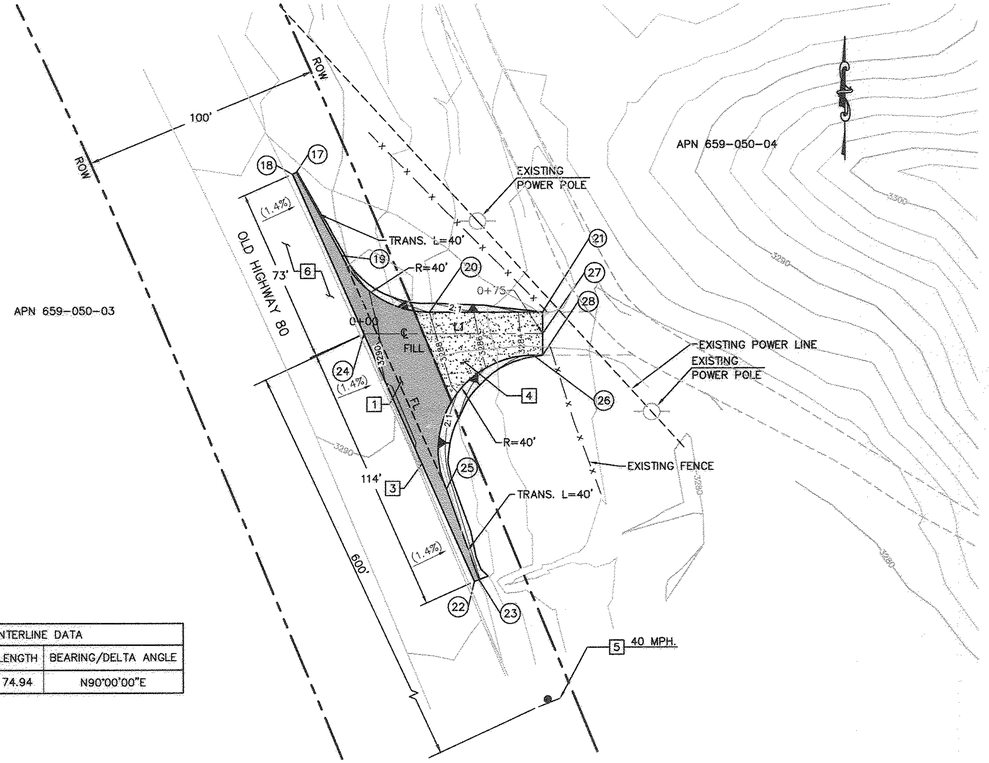




CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		74.94	N90°00'00"E

QUANTITIES:

1	PAVEMENT SECTION:	1,934 SF
4	AGGREGATE BASE:	813 SF
3	SAWCUT:	177 LF
6	TRAFFIC CONTROL:	LS

EARTHWORK QUANTITIES:

CUT:	8 CY
FILL:	11 CY
NET:	3 CY

DISTURBED AREA:

ROAD 2,939 SF

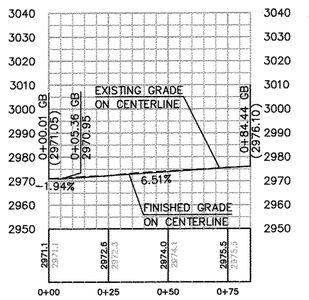
LENGTH OF ACCESS ROAD: 84 LF

ACCESS TO P236-1 (PERMIT 9C-13)

SCALE: 1"=30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L2		18.58	N27°57'31"E
L3		15.78	N33°45'34"E
L4		26.48	N38°11'57"E
L5		23.60	N39°54'55"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1803341.09	6573923.58	(2972.97)	EG
2	1803342.82	6573924.57	2972.93	FG
3	1803325.55	6573960.76	2971.92	BC/FG
4	1803328.93	6574005.51	2973.09	EC/FG
5	1803331.36	6574008.44	(2973.18)	EG
6	1803352.98	6574025.69	(2974.94)	EG
7	1803370.53	6574040.83	(2976.27)	EG
8	1803363.13	6574054.04	(2975.93)	EG
9	1803344.47	6574038.90	(2974.40)	EG
10	1803337.57	6574033.55	(2973.95)	EC/EG
11	1803278.01	6574045.92	2969.86	BC/FG
12	1803256.24	6574079.61	2969.90	FG
13	1803254.48	6574078.65	(2969.17)	EG
14	1803298.38	6573998.44	(2971.05)	CL/EG
15	1803366.83	6574047.44	(2976.10)	CL/EG



PROFILE: DRIVEWAY TO TOWER P-236-1

HORIZ. & VERT. SCALE: 1" = 30'

CONSTRUCTION NOTE:

1. CONSTRUCT 4" ASPHALT CONCRETE OVER 10" CLASS II AGGREGATE BASE (STRUCTURAL SECTION PER PLAN)
3. SAWCUT AND JOIN EXISTING PAVEMENT
4. CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE.
5. INSTALL SIGN W11-10 (TRUCK) WITH W13-1P (XX MPH).
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

QUANTITIES:

1	PAVEMENT SECTION:	1,875 SF
4	AGGREGATE BASE:	1,174 SF
3	SAWCUT:	187 LF
5	SIGN:	(EA)
6	TRAFFIC CONTROL:	L.S.

EARTHWORK QUANTITIES:

CUT:	0 CY
FILL:	150 CY
NET:	150 CY

DISTURBED AREA:

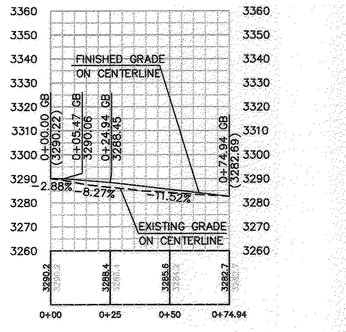
ROAD 3,718 SF

LENGTH OF ACCESS ROAD: 75 LF

ACCESS TO P-227-228 (PERMIT 9C-14)

SCALE: 1"=30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	1812324.89	6568386.70	3291.36	FG
18	1812324.07	6568385.16	(3291.39)	EG
19	1812289.86	6568405.83	3290.63	BC/FG
20	1812266.11	6568442.39	3288.00	EC/FG
21	1812266.11	6568489.86	(3282.91)	EG
22	1812153.28	6568461.05	(3288.27)	EG
23	1812154.09	6568462.87	3288.23	FG
24	1812257.11	6568414.92	(3290.22)	CL/EG
25	1812191.87	6568449.37	3289.29	BC/FG
26	1812248.11	6568485.93	3283.37	EC/FG
27	1812257.11	6568489.86	(3282.69)	CL/EG
28	1812248.11	6568489.86	3282.88	EG



PROFILE: DRIVEWAY TO TOWER P-227-228

HORIZ. & VERT. SCALE: 1" = 30'

IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

01 INSPECTIONS
TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM OLD HIGHWAY 80) ON APN 660-030-23 AND APN 659-050-04, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 660-030-23

RECORD PLAN

NAME:

R.C.E.

DATE:

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 659-050-04

RECORD PLAN

NAME:

R.C.E.

DATE:

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 29708 Exp 3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH

PHONE NO. (858)451-6100

ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127

PERMITS

REZONE PERMIT NO.

SPECIAL USE PERMIT NO.

GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS
10		

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON OLD HIGHWAY 80 PERMIT 9C-13 & 9C-14

ENGINEER OF WORK: STEPHEN K. SMITH	CHECKED BY:	IMPROVEMENT PLAN NO.
R.C.E. 29708	APPROVAL DATE:	
SPL-9C (LINK 1)		09C-DWY-10

Bureau Veritas North America
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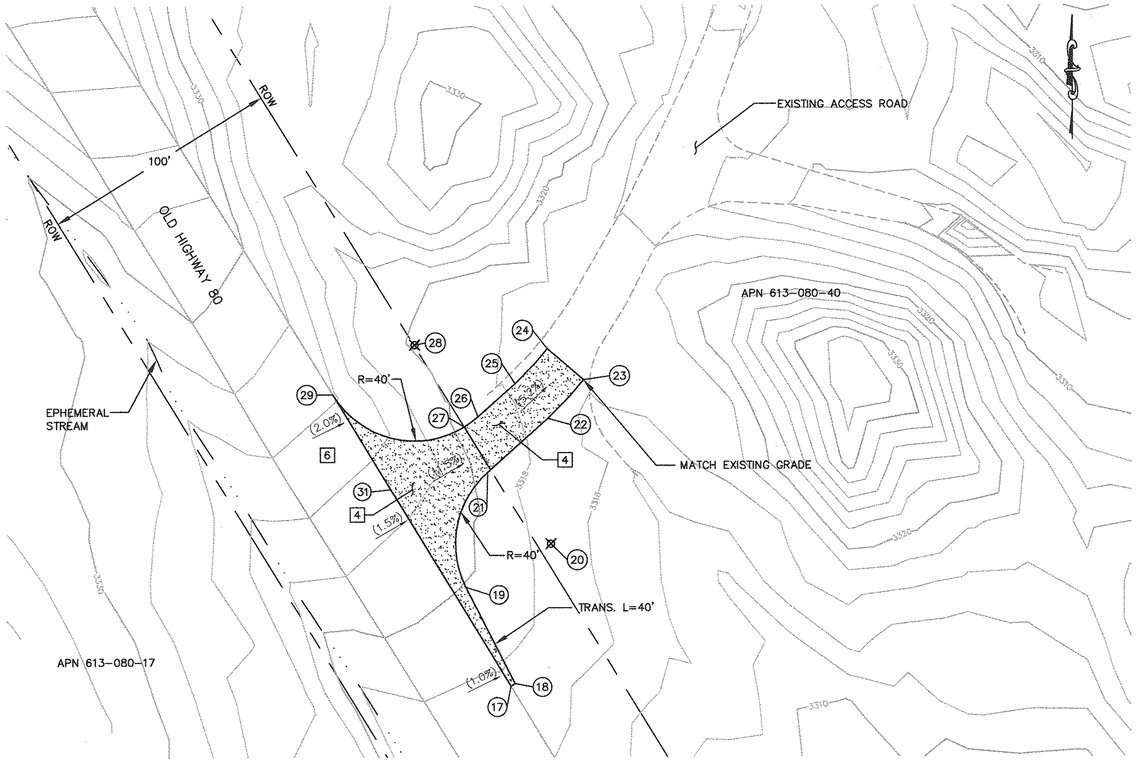


ACCESS TO P225-1&226-1 PULLSITE (PERMIT 9C-15)

SCALE: 1"=30'

QUANTITIES:

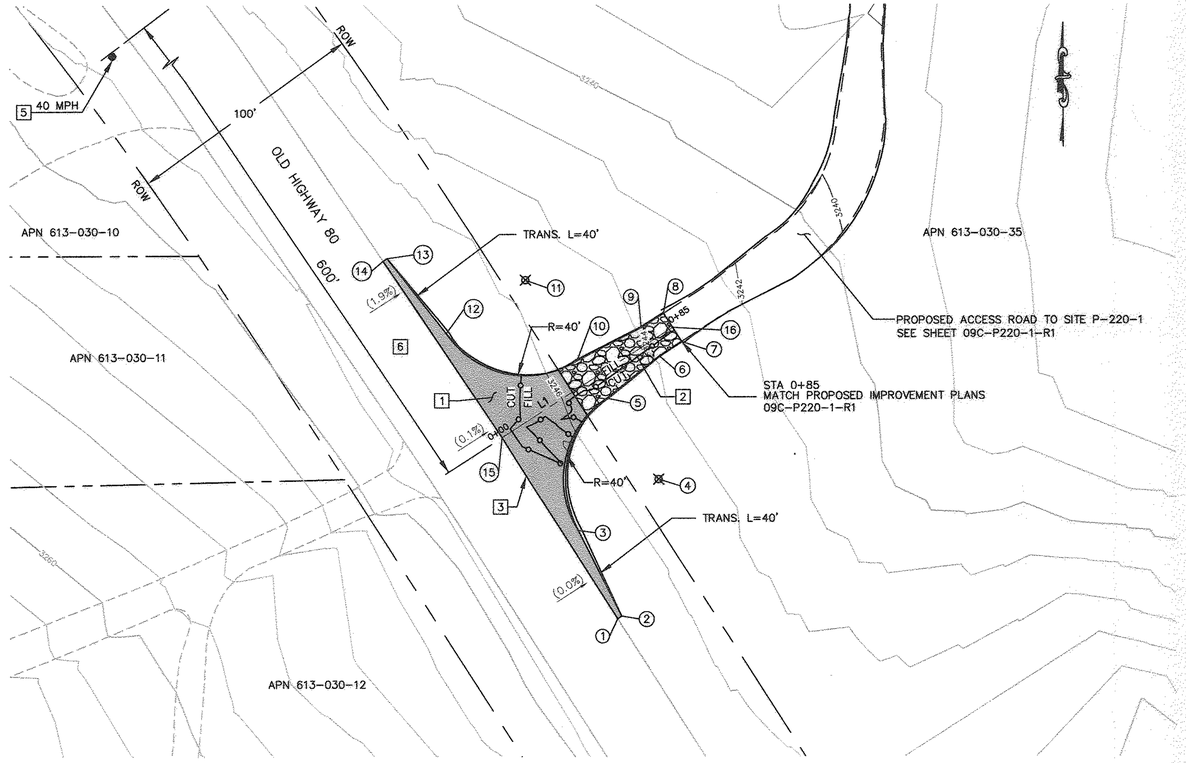
- [4] AGGREGATE BASE: 3,705 SF
- [6] TRAFFIC CONTROL: LS

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	1812956.58	6568013.33		EG
18	1812957.62	6568015.04		EG
19	1812997.90	6567994.48		BC
20	1813016.09	6568030.11		RP
21	1813046.04	6568003.60		EC
22	1813068.41	6568028.87		EG
23	1813084.51	6568043.84		EG
24	1813097.51	6568028.64		EG
25	1813082.93	6568015.10		EG
26	1813069.16	6567999.54		BC
27	1813064.93	6567993.81		PRC
28	1813099.12	6567973.03		RP
29	1813078.45	6567938.78		EC
31	1813038.82	6567962.99		EG

CONSTRUCTION NOTE:

1. CONSTRUCT 4" ASPHALT CONCRETE OVER 10" CLASS II AGGREGATE BASE
2. CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
3. SAWCUT AND JOIN EXISTING PAVEMENT
4. CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
5. INSTALL SIGN W11-10 (TRUCK) WITH W13-IP (XX MPH).
6. PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & COMPER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB



QUANTITIES:

- [1] PAVEMENT SECTION: 2,096 SF
- [2] STABILIZED ROCK: 854 SF
- [3] SAWCUT: 179 LF
- [5] SIGN: 1 EA
- [6] TRAFFIC CONTROL: LS

EARTHWORK QUANTITIES:

CUT: 4 CY
FILL: 2 CY
NET: 2 CY

DISTURBED AREA:

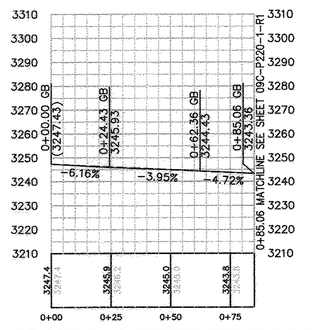
ROAD: 2231 SF

LENGTH OF ACCESS ROAD: 85 LF

ACCESS TO P-220-1 (PERMIT 9C-16)

SCALE: 1"=30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		85.06	N57°18'52"E



PROFILE: ACCESS TO P-220-1 (PERMIT 9C-16)

HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1819176.72	6562034.66	(3246.77)	EG
2	1819177.79	6562036.34	(3246.75)	EG
3	1819213.65	6562018.18	3247.01	BC
4	1819235.19	6562051.90		RP
5	1819268.85	6562030.29	3245.04	EC
6	1819286.49	6562052.23	3243.76	FG
7	1819292.53	6562061.64	3243.22	FG
8	1819304.31	6562054.07	3243.50	FG
9	1819298.27	6562044.67	3244.04	FG
10	1819284.60	6562017.80	3245.53	EC
11	1819318.26	6561996.20		RP
12	1819295.91	6561963.03	3247.37	BC
13	1819327.40	6561938.19	(3247.34)	EG
14	1819326.28	6561936.53	(3247.35)	EG
15	1819252.48	6561986.27	(3247.43)	CL
16	1819298.42	6562057.85	3243.36	CL

INSPECTIONS

TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM OLD HIGHWAY 80) ON APN 613-080-40 AND APN 613-030-35, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 613-080-40

RECORD PLAN

NAME:

R.C.E.

DATE:

LEGAL DESCRIPTION

ASSESSORS PARCEL NO. 613-030-35

RECORD PLAN

NAME:

R.C.E.

DATE:

ENGINEER OF WORK

REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 28708 Exp.3-31-11 CIVIL STATE OF CALIFORNIA

NAME: STEPHEN K. SMITH

PHONE NO. (858)451-6100

ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127

PERMITS

REZONE PERMIT NO.

SPECIAL USE PERMIT NO.

GRADING PERMIT NO.

COUNTY APPROVED CHANGES

NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK

NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88

NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88

NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT

SHEET 11	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON OLD HIGHWAY 80 PERMIT 9C-15 & 9C-16

ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 28708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	

SPL-9C (LINK 1) | 09C-DWY-11

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

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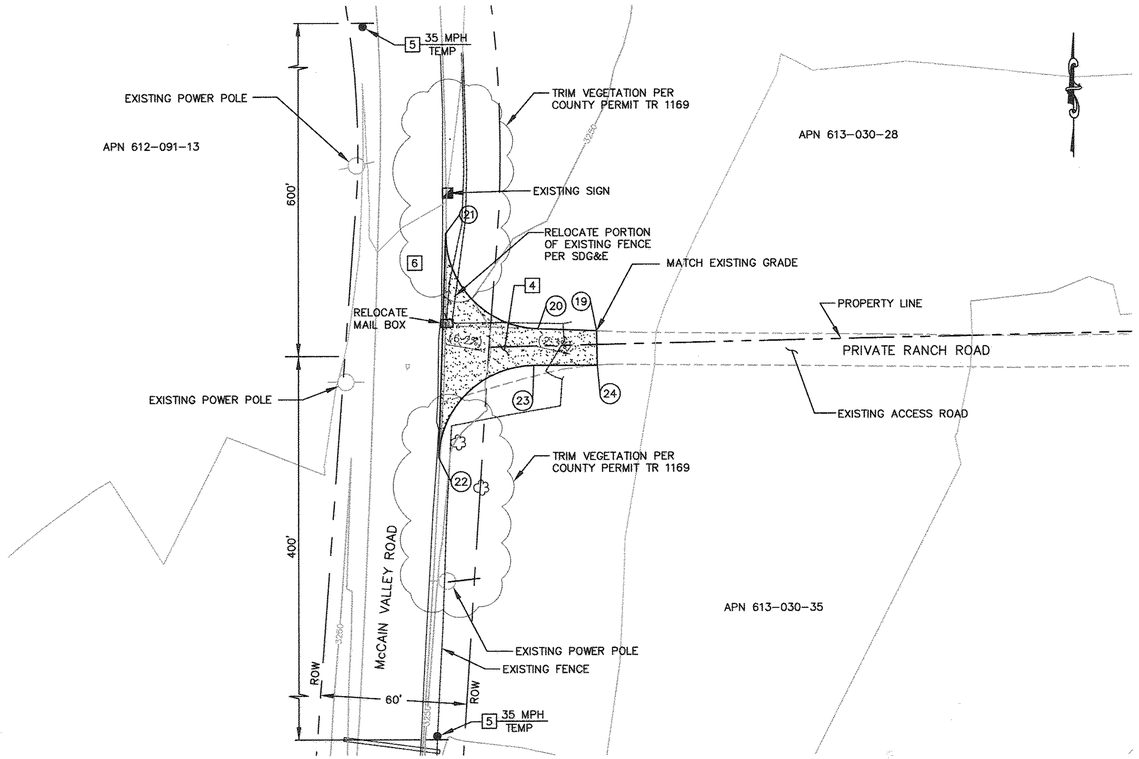


ACCESS TO P219-1-220-1 PULLSITE (PERMIT 9C-17)

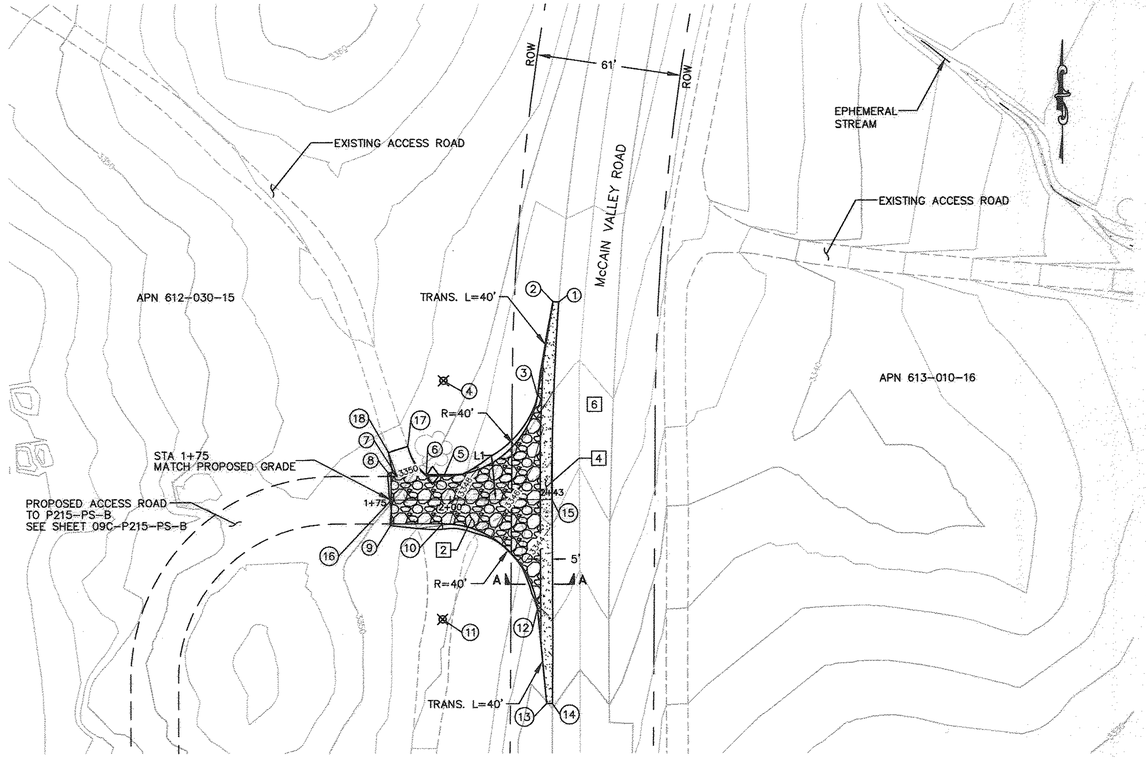
SCALE: 1"=30'

FLAGGER ASSIST ENTRY & EXIT REQUIRED

QUANTITIES:

- [4] 4" AGGREGATE BASE 1,667 SF
- [5] SIGN: 2 EA
- [6] TRAFFIC CONTROL: LS

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
19	1821536.30	6558676.89		EG
20	1821537.20	6558652.21		EG
21	1821577.30	6558613.66		EG
22	1821483.20	6558610.63		EG
23	1821521.91	6558650.53		EG
24	1821521.96	6558677.10		EG

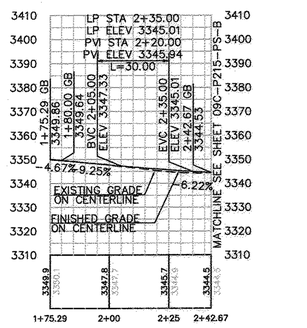


ACCESS TO P-215 PULLSITE (PERMIT 9C-18)

SCALE: 1"=30'

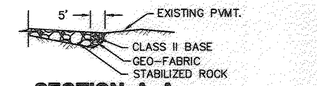
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1823447.89	6558568.58	(3347.02)	EG
2	1823448.06	6558566.14	(3346.94)	EG
3	1823408.58	6558559.70	3346.16	BC
4	1823415.01	6558520.22		RP
5	1823375.01	6558520.30	3348.70	EC
6	1823375.00	6558512.89	3349.15	FG
7	1823374.98	6558500.60	3349.91	FG
8	1823374.97	6558498.09	3350.09	FG
9	1823354.97	6558498.32	3349.66	FG
10	1823355.01	6558519.63	3348.34	BC
11	1823315.01	6558519.71		RP
12	1823319.45	6558559.46	3341.92	EC
13	1823279.64	6558563.30	(3339.95)	EG
14	1823279.62	6558565.71	(3340.11)	EG
15	1823365.10	6558565.59	(3344.53)	CL/EG
16	1823364.97	6558498.21	3349.86	CL/FG
17	1823387.39	6558505.13	(3351.04)	EG
18	1823384.84	6558497.08	(3351.43)	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		67.38	N89°53'37"E



PROFILE: ACCESS TO P-215 PULLSITE (PERMIT 9C-18)

HORIZ. & VERT. SCALE: 1"=30'



SECTION A-A

N.T.S

CONSTRUCTION NOTE:

- [2] CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS HEREON
- [4] CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE.
- [5] INSTALL SIGN W11-10 (TRUCK) WITH W13-IP (XX MPH).
- [6] PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

QUANTITIES:

- [2] STABILIZED ROCK: 2,083 SF
- [4] AGGREGATE BASE 776 SF
- [6] TRAFFIC CONTROL: LS

EARTHWORK QUANTITIES:

CUT: 3 CY
FILL: 54 CY
NET: 51 CY

DISTURBED AREA:

ROAD: 2861 SF

LENGTH OF ACCESS ROAD: 67 LF

01 WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM McCAIN VALLEY ROAD) ON APN 613-030-28, 613-030-35, AND APN 612-030-15, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Bragg II 7-02-10

FOR DIRECTOR OF PUBLIC WORKS DATE

01 INSPECTIONS
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IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

LEGAL DESCRIPTION	LEGAL DESCRIPTION	ENGINEER OF WORK
ASSESSORS PARCEL NO. 613-030-28 & 613-030-35	ASSESSORS PARCEL NO. 612-030-15	REGISTERED PROFESSIONAL ENGINEER STEPHEN K. SMITH RCE 29708 Exp 3-31-11 CIVIL STATE OF CALIFORNIA
RECORD PLAN	RECORD PLAN	NAME: STEPHEN K. SMITH
NAME:	NAME:	PHONE NO. (858)451-6100
R.C.E.	R.C.E.	ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127
DATE:	DATE:	

PERMITS
REZONE PERMIT NO.
SPECIAL USE PERMIT NO.
GRADING PERMIT NO.

COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK
NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88
NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88
NAME: OCOTILLO
LOCATION: N 1846863.196 E 6638006.483
DESCRIPTION: BRASS DISK
ELEVATION: 476.958' DATUM: NAVD 88

PRIVATE CONTRACT		
SHEET 12	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	12 SHEETS

IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK

ACCESS ROAD IMPROVEMENTS ON McCAIN VALLEY ROAD PERMIT 9C-17 & 9C-18

ENGINEER OF WORK: STEPHEN K. SMITH RCE 29708	CHECKED BY:	IMPROVEMENT PLAN NO.
	APPROVAL DATE:	
SPL-9C (LINK 1)		09C-DWY-12

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