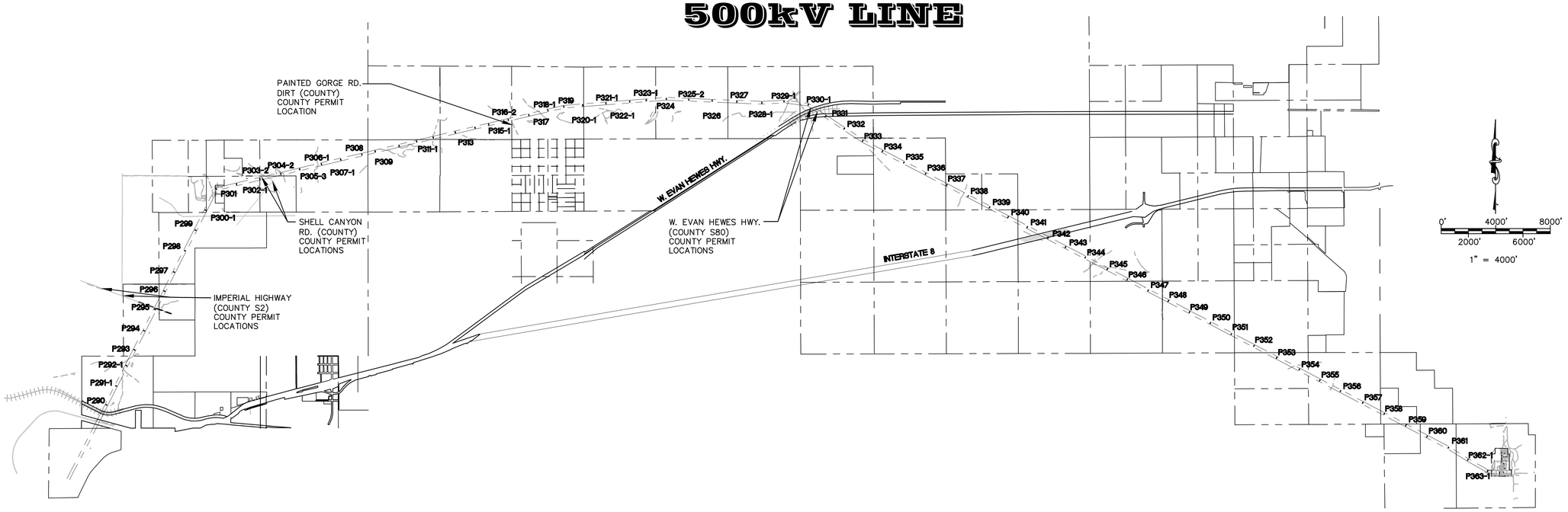
SUNRISE POWERLINK PROJECT

SECTION 10B (LINK 1)

500kV LINE



OFF–SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P290–P298–KEY01
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P299–P307–1–KEY02
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P308–P318–1–KEY03
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P319–P327–KEY04
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P328–1–P336–KEY05
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P337–P345–KEY06
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P346–P353–KEY07
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P354–P361–KEY08
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS	10B–P362–P363–1–KEY09

ON–SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
SITE P–290	10B–P290–S1
SITE P–291–1	10B–P291–1–S1
SITE P–292–1	10B–P292–1–S1
SITE P–293	10B–P293–S1
SITE P–294	10B–P294–S1
SITE P–295	10B–P295–S1
SITE P–296	10B–P296–S1
SITE P–297	10B–P297–S1
SITE P–298	10B–P298–S1
SITE P–299	10B–P299–S1
SITE P–300–1	10B–P300–1–S1
SITE P–301	10B–P301–S1
SITE P–302–1	10B–P302–1–S1
SITE P–303–2	10B–P303–2–S1
SITE P–304–2	10B–P304–2–S1
SITE P–306–1	10B–P306–1–S1
SITE P–307–1	10B–P307–1–S1
SITE P–308	10B–P308–S1
SITE P–309	10B–P309–S1
SITE P–313	10B–P313–S1
SITE P–316–2	10B–P316–2–S1
SITE P–318–1	10B–P318–1–S1
SITE P–319	10B–P319–S1
SITE P–320–1	10B–P320–1–S1
SITE P–321–1	10B–P321–1–S1
SITE P–322–1	10B–P322–1–S1
ACCESS ROAD TO SITE P–325–2	10B–P325–2–R1
SITE P–325–2	10B–P325–2–S1
SITE P–326	10B–P326–S1
ACCESS ROAD TO SITE P–326	10B–P326–R1
SITE P–327	10B–P327–S1
SITE P–328–1	10B–P328–1–S1
SITE P–329–1	10B–P329–1–S1

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

SITE / ACCESS ROAD	SHEET NUMBER
SITE P–330–1	10B–P330–1–S1
ACCESS ROAD TO SITE P–330–1	10B–P330–1–R1
SITE P–331	10B–P331–S1
SITE P–332	10B–P332–S1
SITE P–333	10B–P333–S1
SITE P–334	10B–P334–S1
SITE P–335	10B–P335–S1
SITE P–336	10B–P336–S1
SITE P–337	10B–P337–S1
SITE P–338	10B–P338–S1
SITE P–339	10B–P339–S1
SITE P–340	10B–P340–S1
SITE P–341	10B–P341–S1
SITE P–342	10B–P342–S1
SITE P–343	10B–P343–S1
SITE P–344	10B–P344–S1
SITE P–345	10B–P345–S1
SITE P–346	10B–P346–S1
SITE P–347	10B–P347–S1
SITE P–348	10B–P348–S1
SITE P–349	10B–P349–S1
SITE P–350	10B–P350–S1
SITE P–351	10B–P351–S1
SITE P–352	10B–P352–S1
SITE P–353	10B–P353–S1
SITE P–354	10B–P354–S1
SITE P–355	10B–P355–S1
SITE P–356	10B–P356–S1
SITE P–357	10B–P357–S1
SITE P–358	10B–P358–S1
SITE P–359	10B–P359–S1
SITE P–360	10B–P360–S1
SITE P–361	10B–P361–S1
SITE P–362–1	10B–P362–1–S1
SITE P–363–1	10B–P363–1–S1

SITE / ACCESS ROAD	SHEET NUMBER
SITE P–305–3	10B–P305–3 & P311–1–TSAP
SITE P–311–1	10B–P305–3 & P311–1–TSAP
SITE P–315–1	10B–P315–1 & P317–TSAP
SITE P–317	10B–P315–1 & P317–TSAP
SITE P–323–1	10B–P323–1–TSAP
SITE P–324	10B–P324–TSAP

PULL–SITE WORK TO BE DONE

SITE / ACCESS ROAD	SHEET NUMBER
PULL SITE P–291–1 & P–292–1	10B–P291–1 & P–292–1–PS
PULL SITE (WEST) P–301	10B–P301–PS–A
PULL SITE (NORTH) P–301	10B–P301–PS–B
ACCESS ROAD TO PULL SITE (WEST) P–301	10B–P301–PS–R2
ACCESS ROAD TO PULL SITE (NORTH) P–301	10B–P301–PS–R3
ACCESS ROAD TO PULL SITE (NORTH) P–301	10B–P301–PS–R4
PULL SITE P–306–1	10B–P306–1–PS
PULL SITE P–313 & P–314	10B–P313 & P314–PS
PULL SITE P–322–1 & P–323–1	10B–P322–1 & P323–1–PS
ACCESS ROAD TO PULL SITE P–322–1 & P–323–1	10B–P322–1 & P323–1–PS–R1
PULL SITE (WEST) P–330–1	10B–P330–1–PS–A
PULL SITE (EAST) P–330–1	10B–P330–1–PS–B
PULL SITE P–338	10B–P338–PS
PULL SITE P–343	10B–P343–PS
PULL SITE P–349	10B–P349–PS
PULL SITE P–355 & P–356	10B–P355 & P356–PS

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

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–10B (LINK 1)
TITLE SHEET

DRAWN BY:	DATE:	SCALE: AS NOTED	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				SPL–10B–001
CAD NO.:	PLOT SCALE: 1 = 1				

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.

DIP SECTION NOTES

1. ALL DIP SECTIONS IN SECTION 10B SHALL BE CRUSHED AGGREGATE BASE 12 INCH THICK COMPACTED TO 95% ON NATIVE COMPACTED TO 90% UNLESS OTHERWISE SHOWN.

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 — BEGIN STATION	A — END STATION
	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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BUREAU VERITAS

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 28708 — 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-10B (LINK 1)
LEGEND & GENERAL NOTES

DRAWN BY: JJP	DATE: -/-/-	SCALE: AS NOTED	W.O.	REV. 0	SPL-10B-002
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APPROVED BY:	DATE:				
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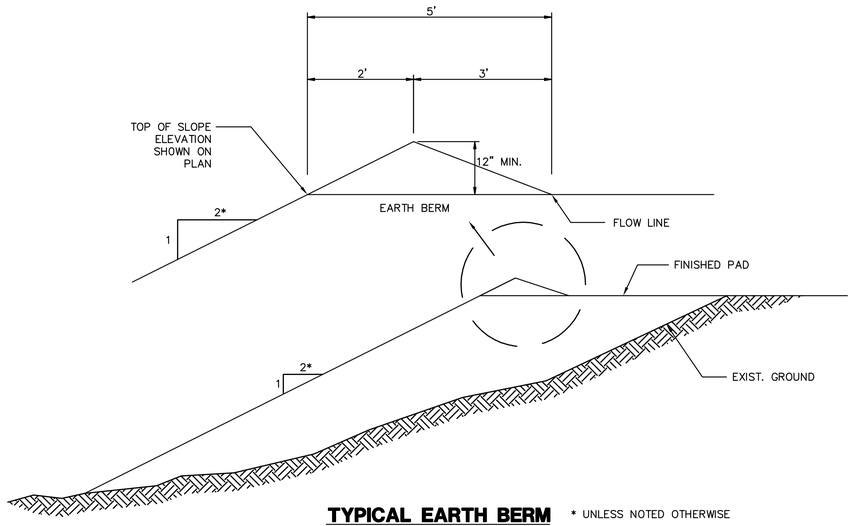
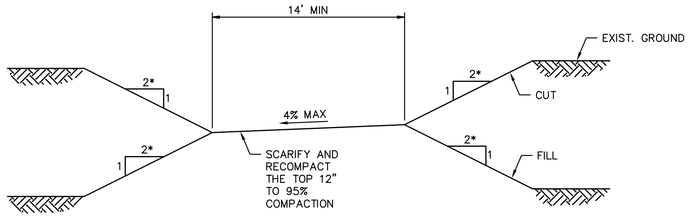


TYPICAL EARTH BERM * UNLESS NOTED OTHERWISE

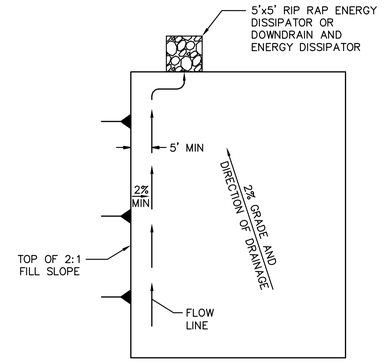
NTS

TO BE PLACED ON TOP OF ALL FILL SLOPES.



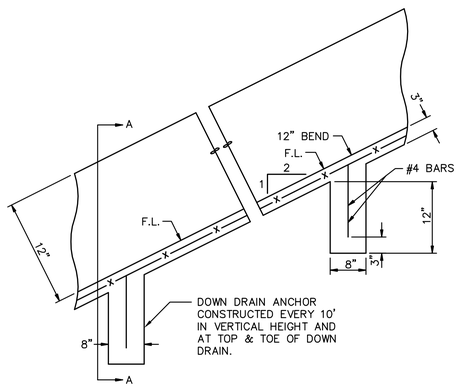
TYPICAL NEW ACCESS ROAD SECTION * UNLESS NOTED OTHERWISE

NTS



TYPICAL PAD DRAINAGE LAYOUT

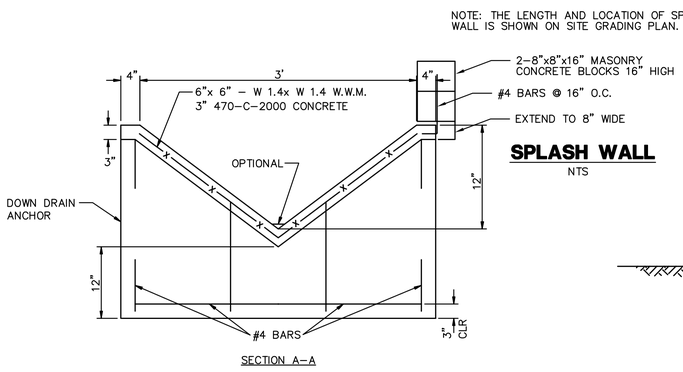
NTS



DOWN DRAIN (1/3)

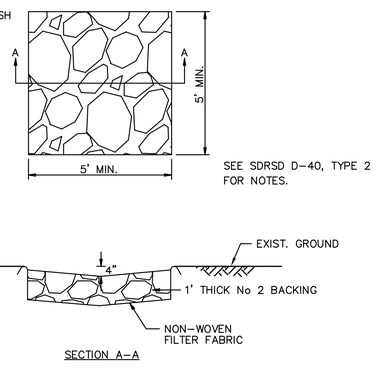
NTS

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



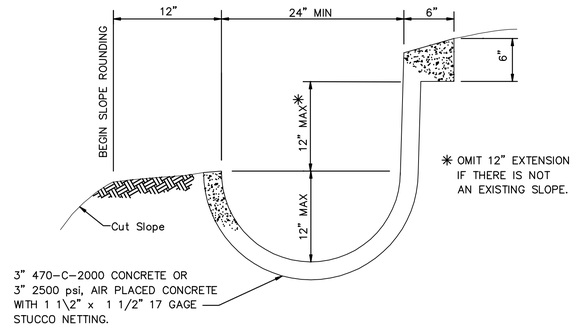
SPLASH WALL

NTS



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–10B (LINK 1)

DETAIL SHEET 1 OF 2

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

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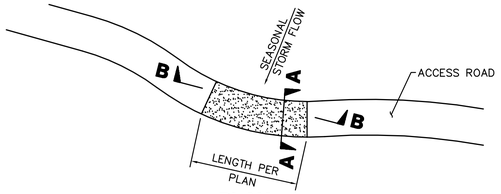
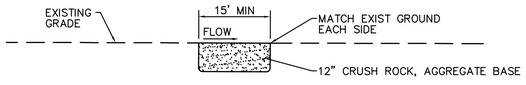
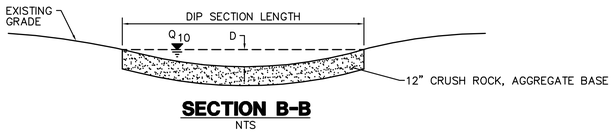


PLAN
NTS



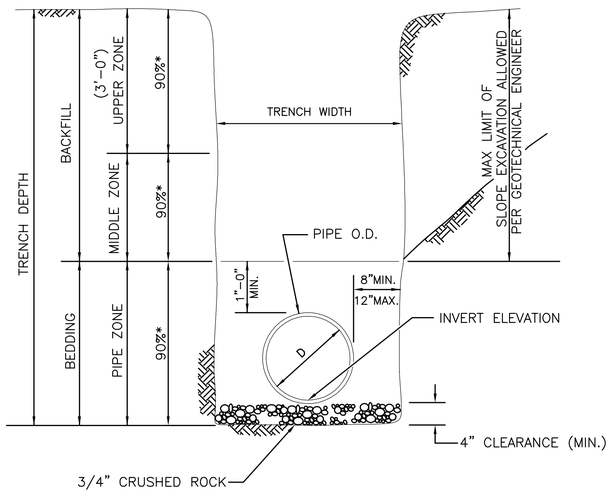
SECTION A-A
NTS



SECTION B-B
NTS

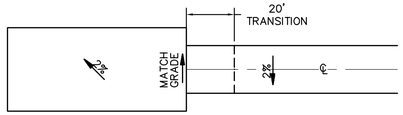
1. THE MAXIMUM WATER DEPTH, BASED ON A 10 YEAR FREQUENCY STORM. SHALL BE 10". THE DEPTH (D) IN FEET MULTIPLIED BY THE VELOCITY (V) IN FEET PER SECOND SHALL BE EQUAL TO SIX OR LESS. (DXV=6)
2. EXCAVATION AND DISPOSAL OF EXISTING MATERIALS IS TO BE INCLUDED IN CONSTRUCTION OF THE DIP SECTION.

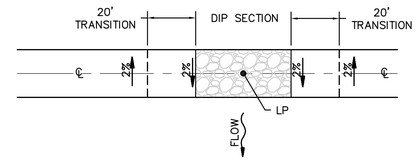
DIP SECTION (4/4)

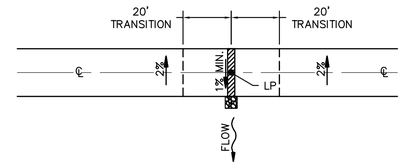


SECTION

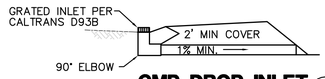
* INDICATE MINIMUM RELATIVE COMPACTION



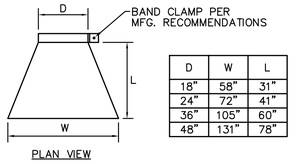




TYPICAL GRADE TRANSITIONS
NTS



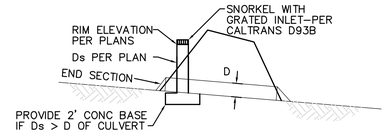
CMP DROP INLET (10/4)
NTS



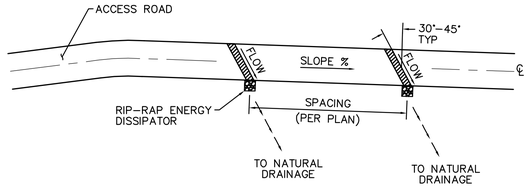
PLAN VIEW

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

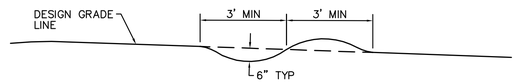
CULVERT END SECTION INLET AND/OR OUTLET
NTS



SNORKEL INLET (8/4)
NTS



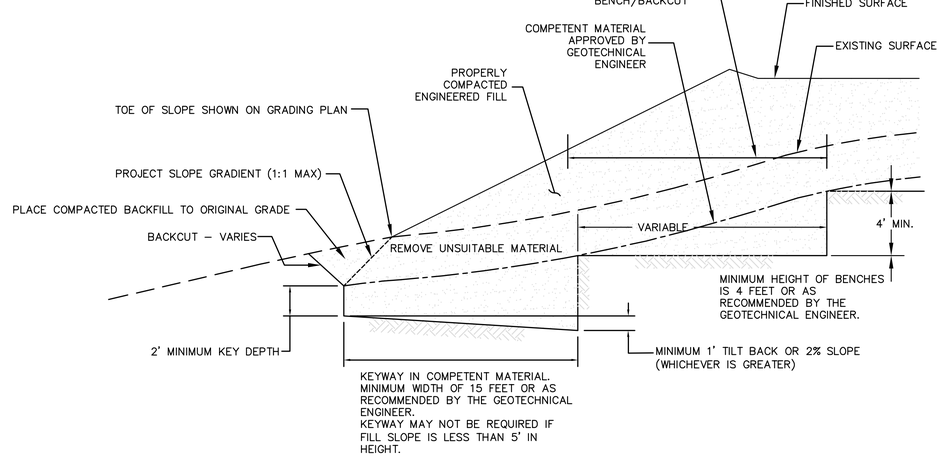
PLAN
NTS



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

TYPICAL SECTION
NTS

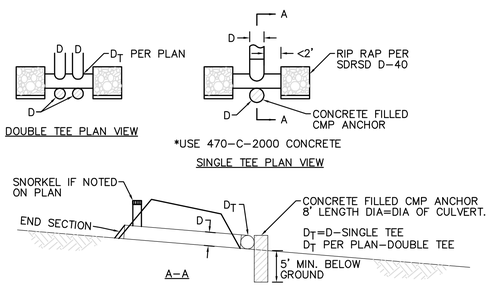
WATER BAR (5/4)



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



TEE OUTLET (9/4)

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

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

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

REVISIONS

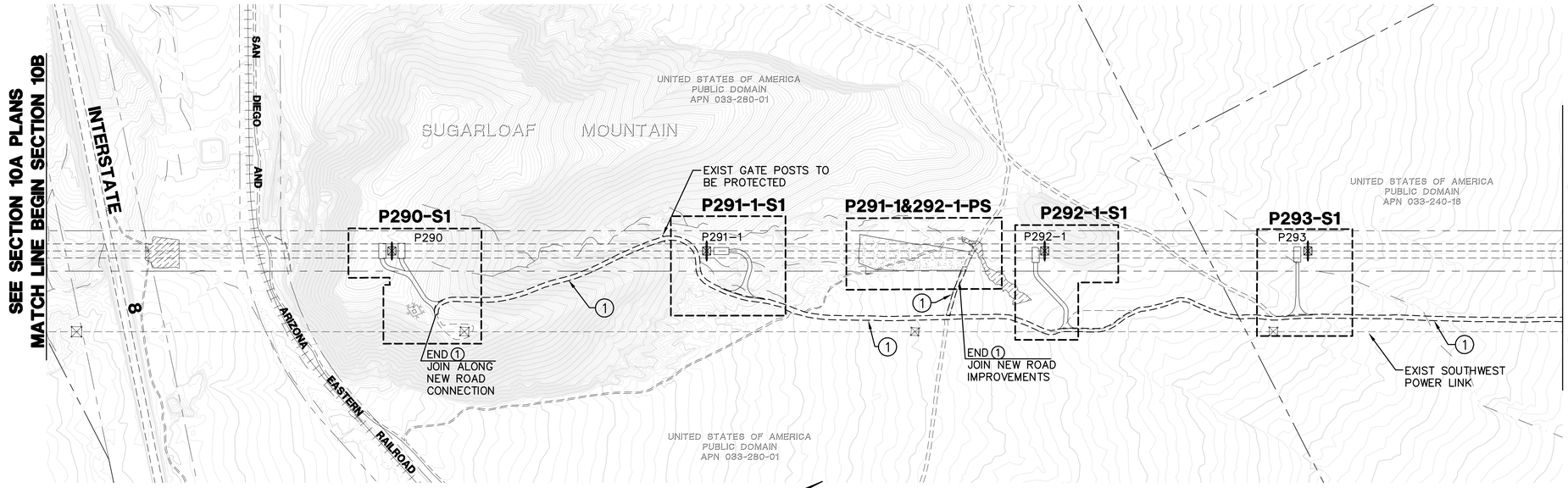
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
DETAIL SHEET 2 OF 2

DRAWN BY: 00	DATE:	SCALE: NONE	W.O.	REV. 0	SPL-10B-004
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-DETAIL 2 OF 2.dwg CMay-21-20101103



QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 6,085 LF
(2) LENGTH OF ACCESS ROAD: 0 LF

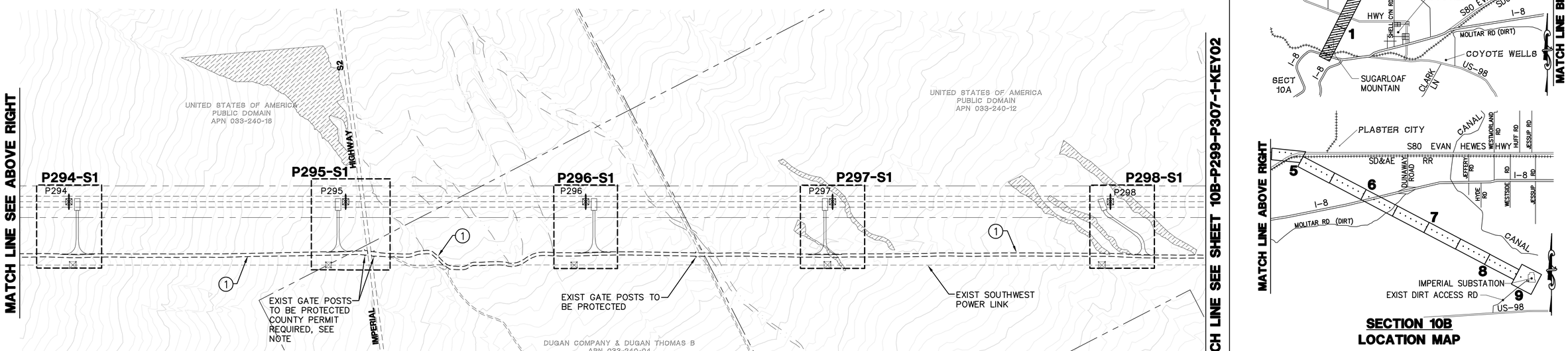
GRAPHIC SCALE
300 0 300 600
1"=300'

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
- 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
- DRYWASH AREAS

CONSTRUCTION NOTES

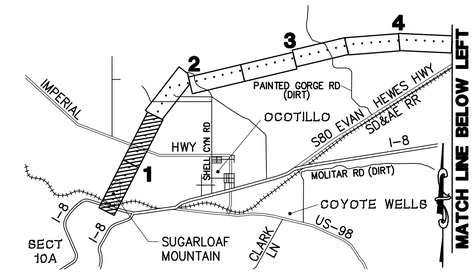
(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS



QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 7,538 LF
(2) LENGTH OF ACCESS ROAD: 0 LF

GRAPHIC SCALE
300 0 300 600
1"=300'

NOTE:
FOR COUNTY PERMIT,.
SEE COUNTY OF IMPERIAL
ENCROACHMENT REQUIREMENTS
NOTES ON SHEET SPL–10B–002



SECTION 10B LOCATION MAP

REVISIONS

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

Bureau Veritas North America
11590 West Bernardo Court Suite 100
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www.us.bureauveritas.com

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

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–10B (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B–P290–P298–KEY01
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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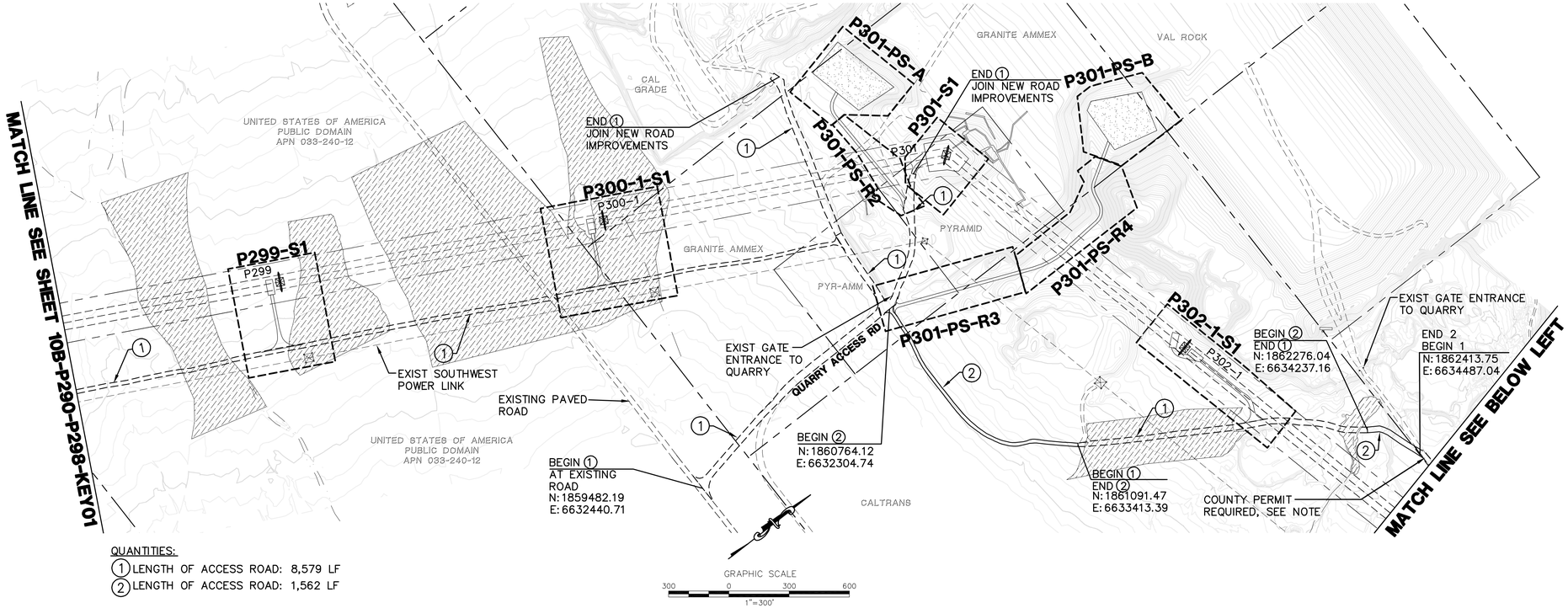
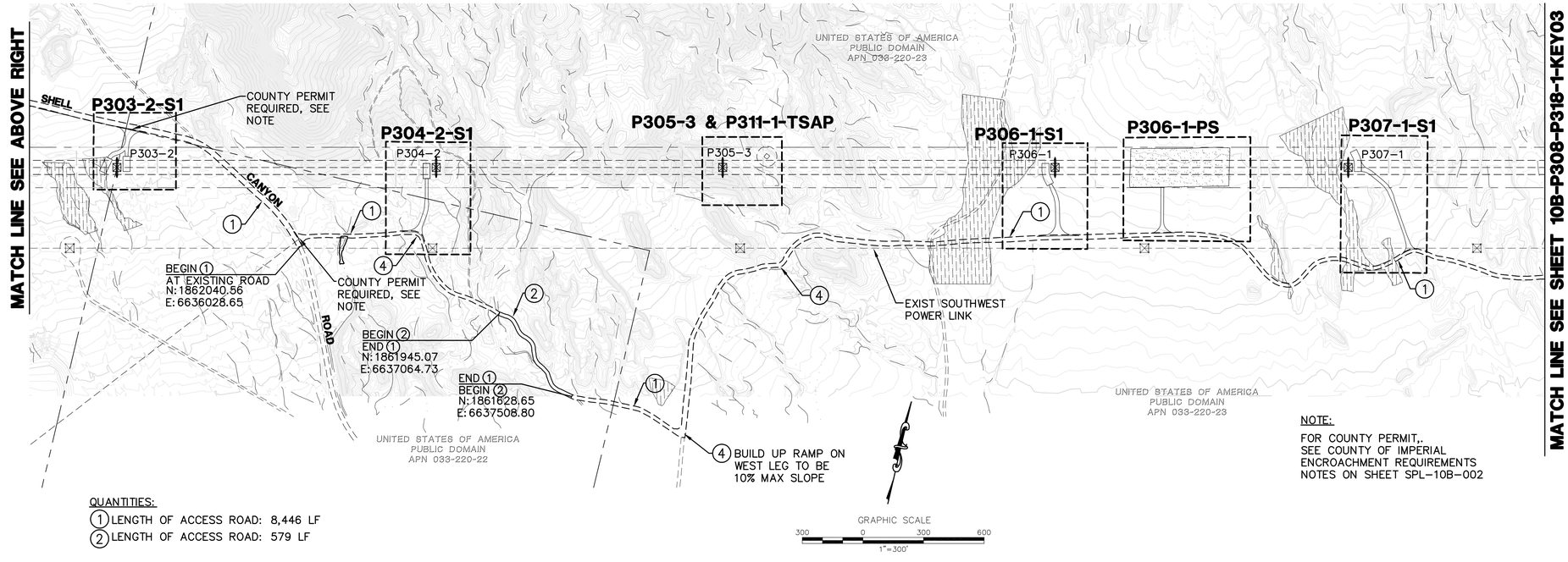


QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 8,579 LF

(2) LENGTH OF ACCESS ROAD: 1,562 LF



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 8,446 LF

(2) LENGTH OF ACCESS ROAD: 579 LF

NOTE:

FOR COUNTY PERMIT,. SEE COUNTY OF IMPERIAL ENCROACHMENT REQUIREMENTS NOTES ON SHEET SPL-10B-002

LEGEND

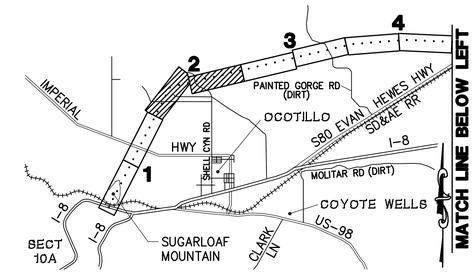
- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- 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
- DRYWASH AREAS

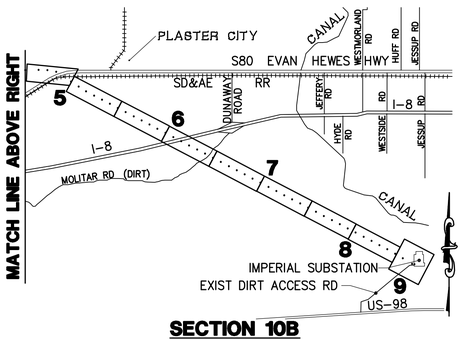
CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS

(2) WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%, DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS, CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. EXCEPT DRYWASH AREAS

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





SECTION 10B LOCATION MAP

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

REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — Exp. 3-31-13 — 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-10B (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:			
CAD NO.:	PLOT SCALE: 1 = 1			

10B-P299-P307-1-KEY02

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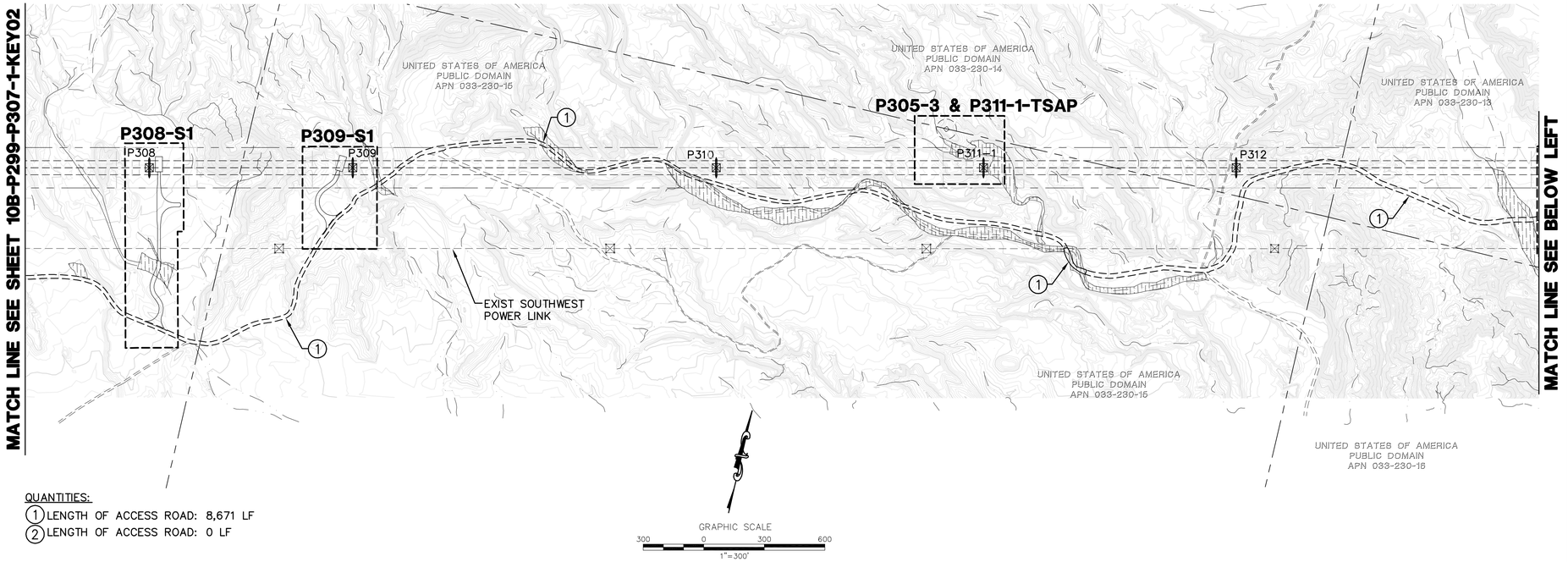


QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 8,671 LF

(2) LENGTH OF ACCESS ROAD: 0 LF

GRAPHIC SCALE

300 0 300 600

1"=300'

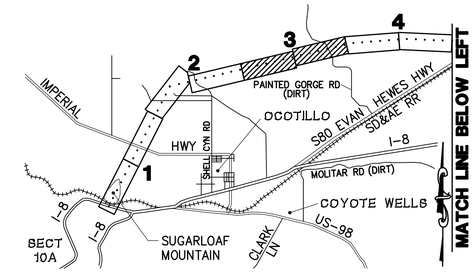
LEGEND

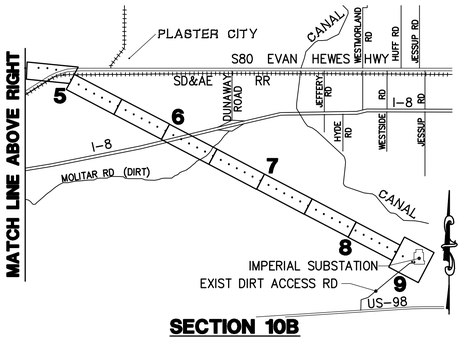
P218-1-S1	AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
	MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
	MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
	MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
	SITE IMPROVEMENTS – 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
	DRYWASH AREAS

CONSTRUCTION NOTES

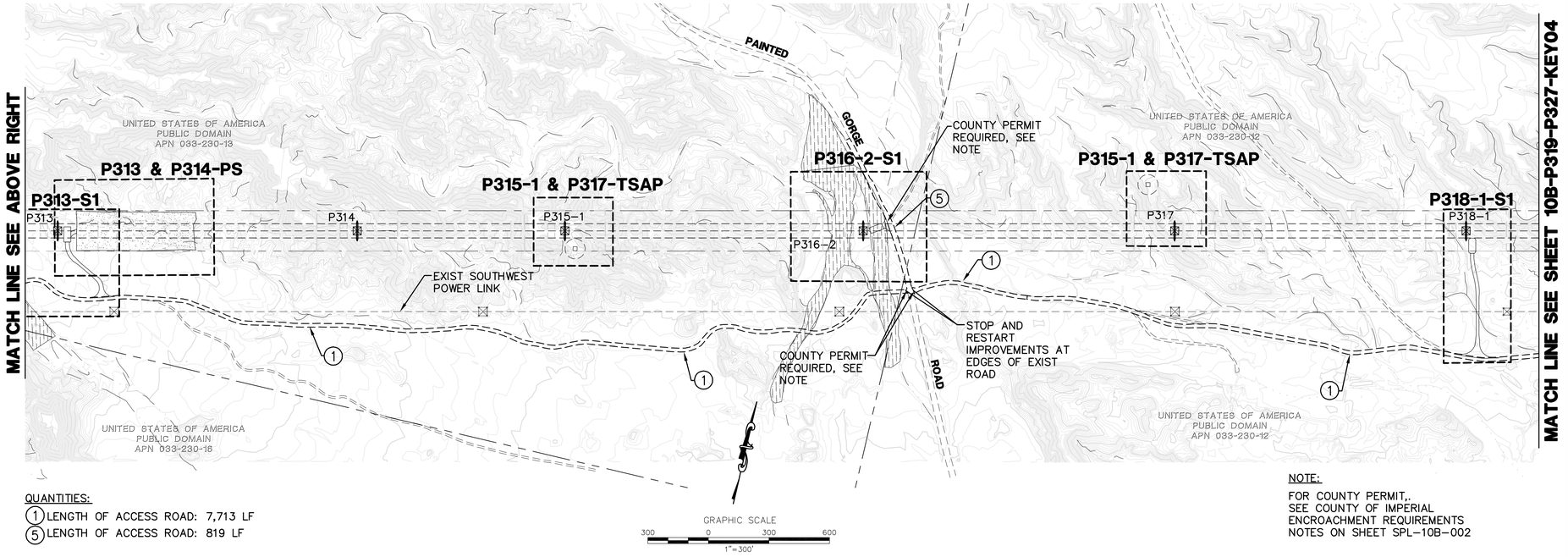
(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS

(5) EXISTING ROAD TO REMAIN AS IS.





SECTION 10B LOCATION MAP



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 7,713 LF

(5) LENGTH OF ACCESS ROAD: 819 LF

GRAPHIC SCALE

300 0 300 600

1"=300'

NOTE:

FOR COUNTY PERMIT,. SEE COUNTY OF IMPERIAL ENCROACHMENT REQUIREMENTS NOTES ON SHEET SPL-10B-002

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

REVISIONS

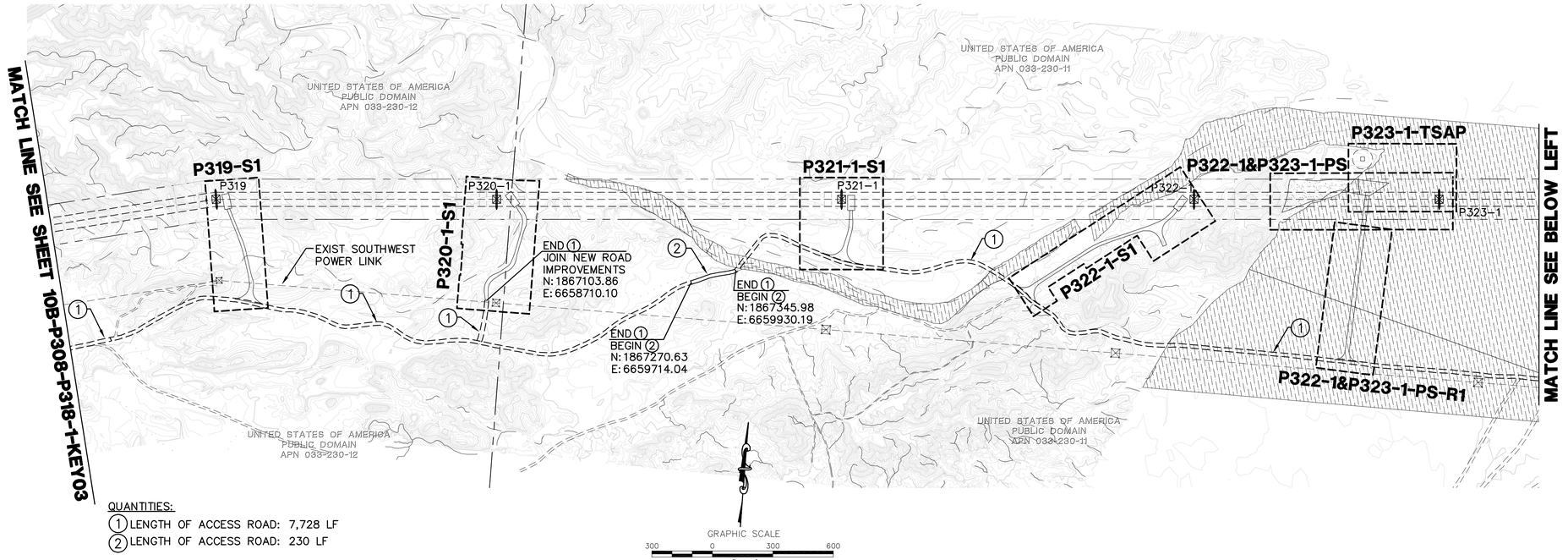
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

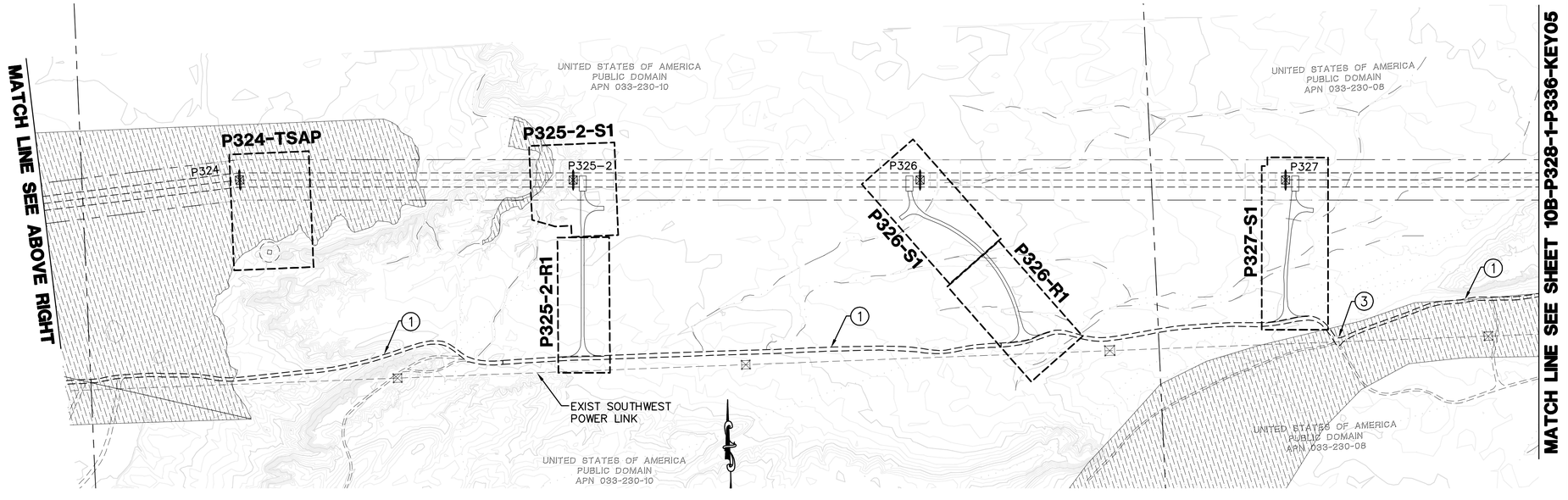
SPL-10B (LINK 1)

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B-P308-P318-1-KEY03
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 7,728 LF
(2) LENGTH OF ACCESS ROAD: 230 LF



QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 7,462 LF
(2) LENGTH OF ACCESS ROAD: 0 LF

LEGEND

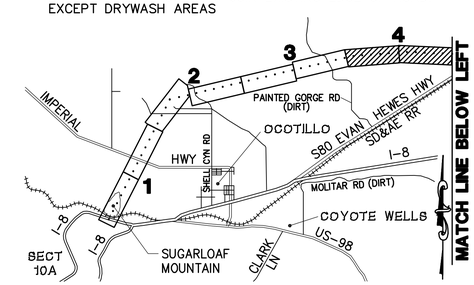
- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- 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
- DRYWASH AREAS

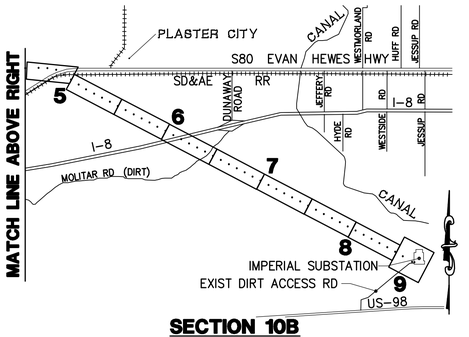
CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS

(2) WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%, DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS, CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. EXCEPT DRYWASH AREAS

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





SECTION 10B LOCATION MAP

Bureau Veritas North America
11590 West Bernardo Court Suite 100
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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. 3-31-11 — 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–10B (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B–P319–P327–KEY04
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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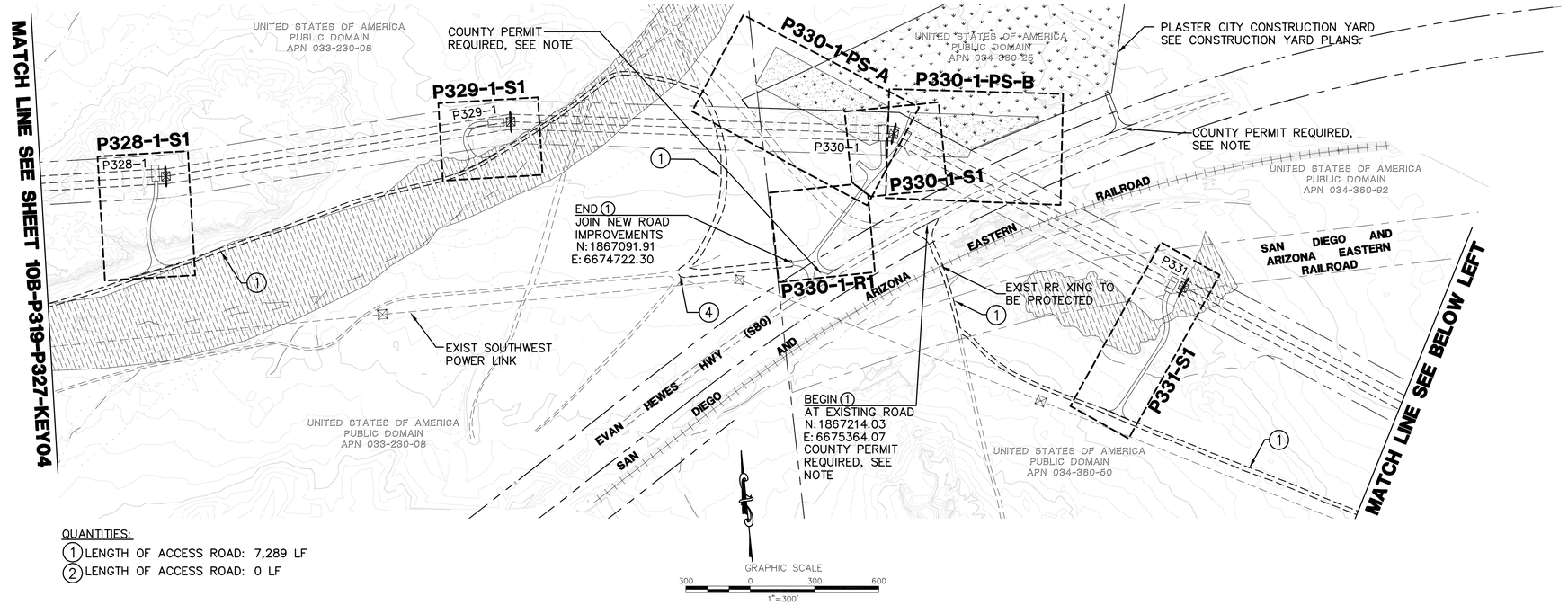
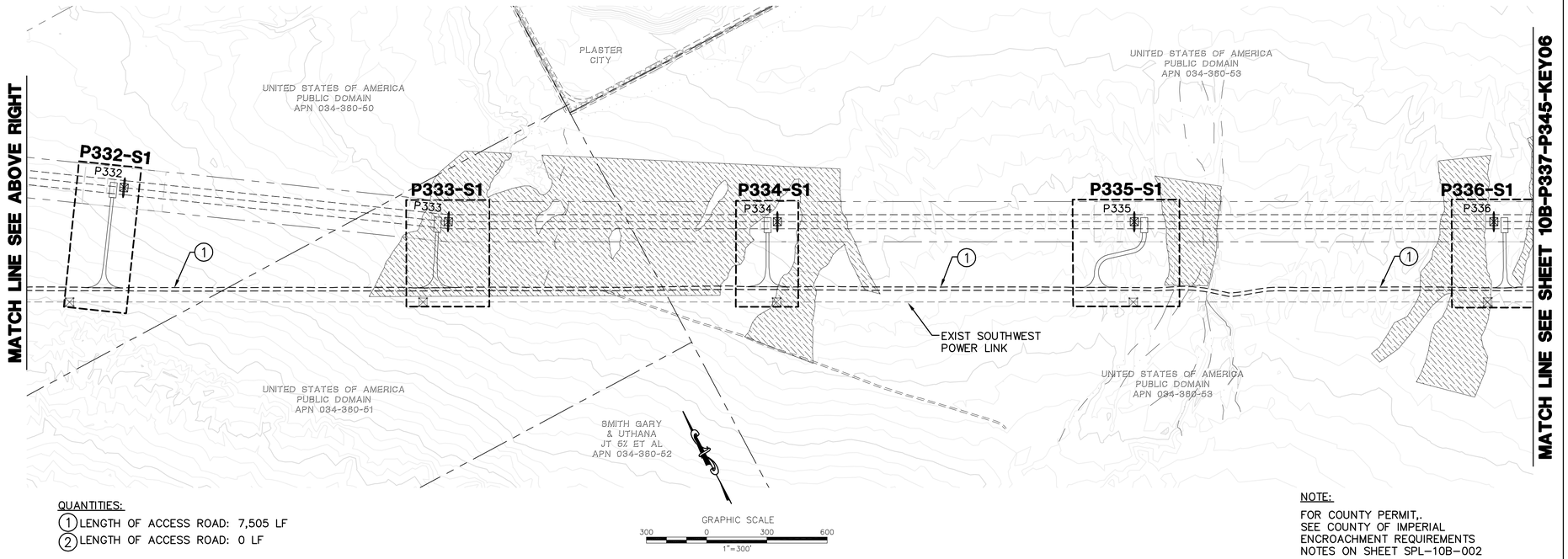


QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 7,289 LF

(2) LENGTH OF ACCESS ROAD: 0 LF



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 7,505 LF

(2) LENGTH OF ACCESS ROAD: 0 LF

NOTE:

FOR COUNTY PERMIT,. SEE COUNTY OF IMPERIAL ENCROACHMENT REQUIREMENTS NOTES ON SHEET SPL-10B-002

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
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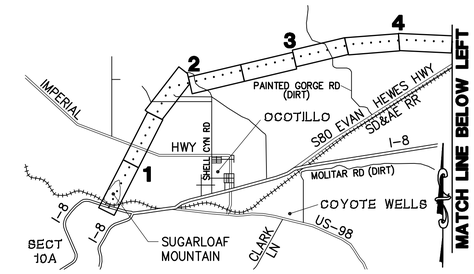
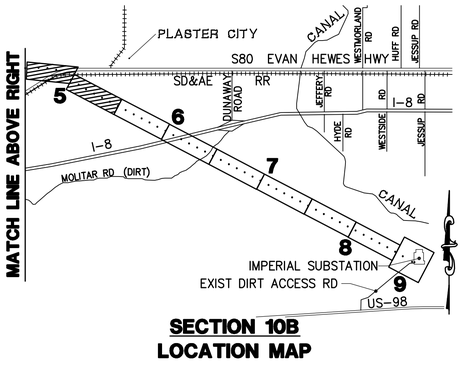
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- DRYWASH AREAS

CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS

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





SECTION 10B LOCATION MAP

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CIVIL
STATE OF CALIFORNIA

REVISIONS

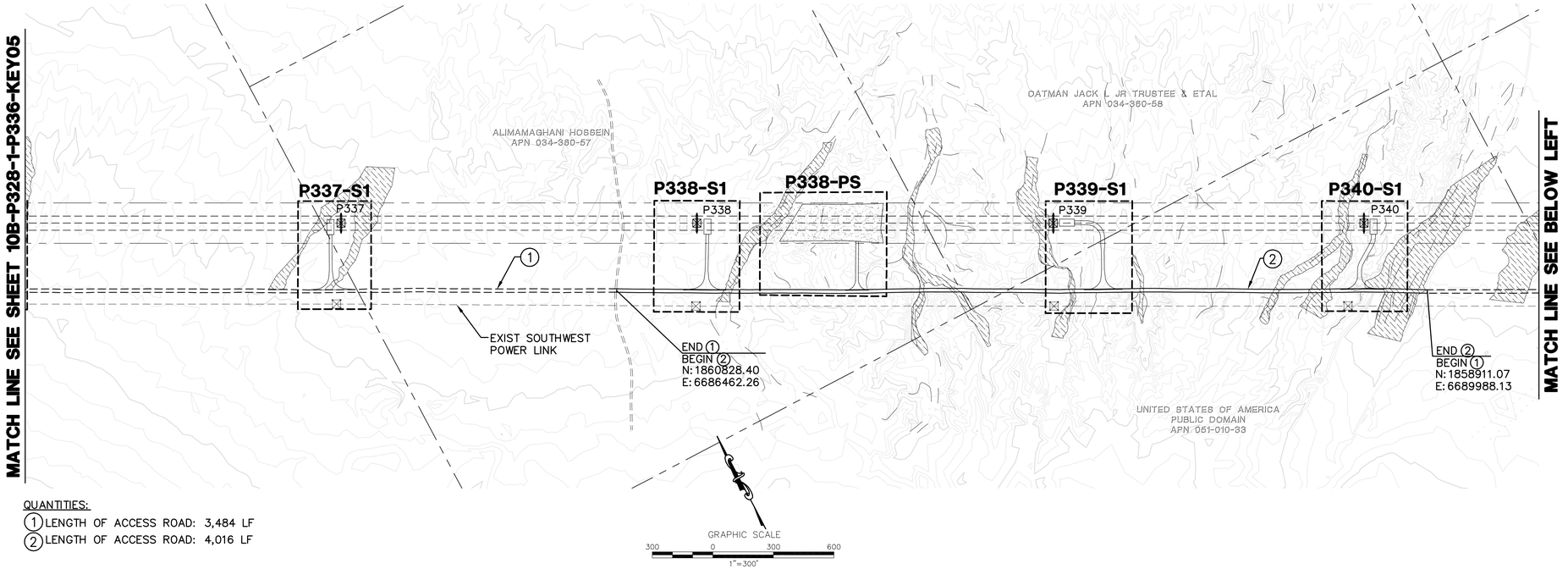
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–10B (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B–P328–1–P336–KEY05
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

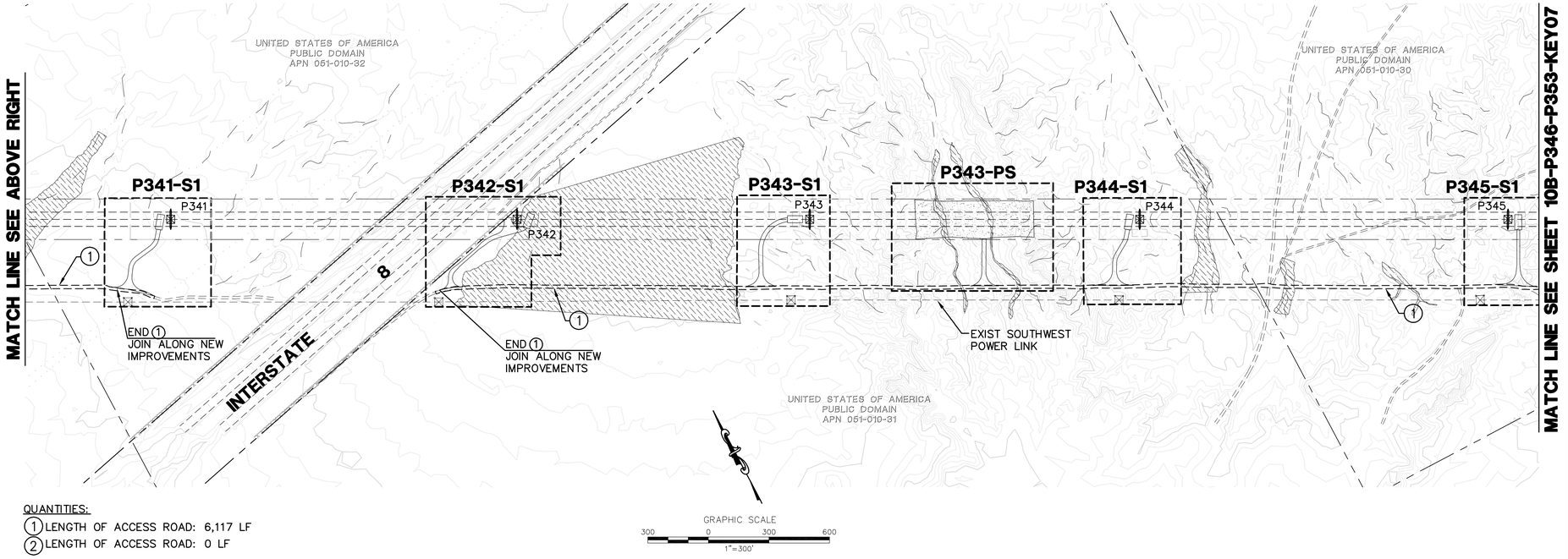
P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-KEY-P290-P363.dwg 10May-21-2010 10:55



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 3,484 LF

(2) LENGTH OF ACCESS ROAD: 4,016 LF



QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 6,117 LF

(2) LENGTH OF ACCESS ROAD: 0 LF

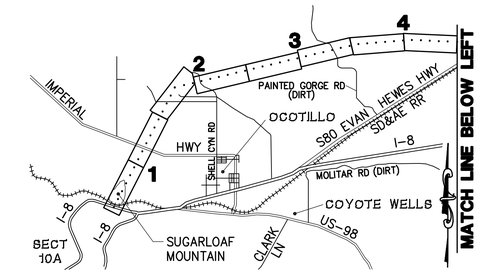
LEGEND

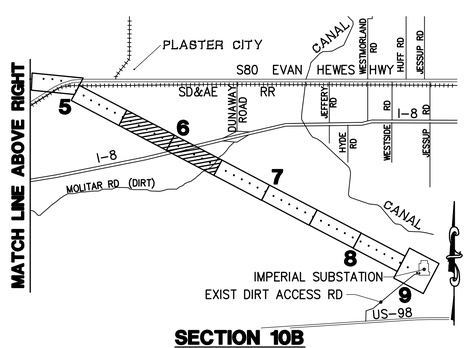
- P218-1-S1 — AREA OF ENLARGED PLAN WITH SHEET NAME REFERENCE (ACTUAL SHEET NAMES INCLUDE THE SECTION # AS A PREFIX)
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- 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
- DRYWASH AREAS

CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS.

(2) WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%, DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS, CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. EXCEPT DRYWASH AREAS.





SECTION 10B
LOCATION MAP

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

REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. 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–10B (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:				10B–P337–P345–KEY06
CAD NO.:	PLOT SCALE: 1 = 1				

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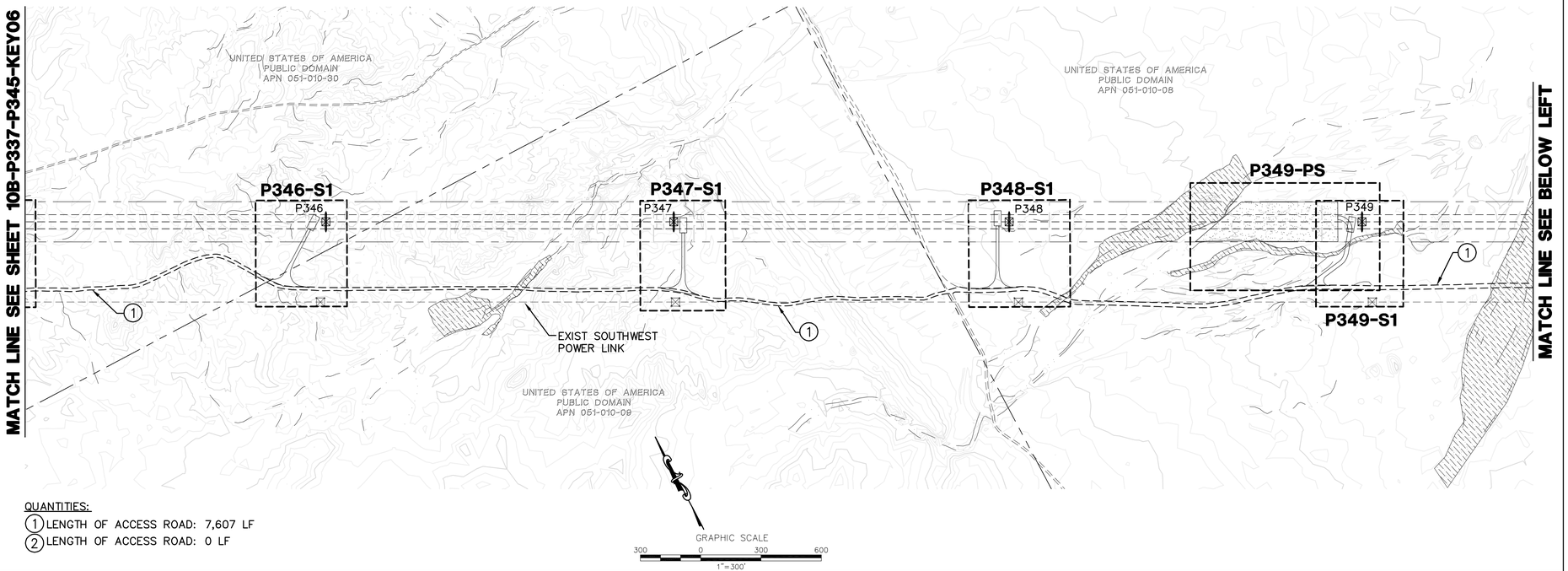

QUANTITIES:
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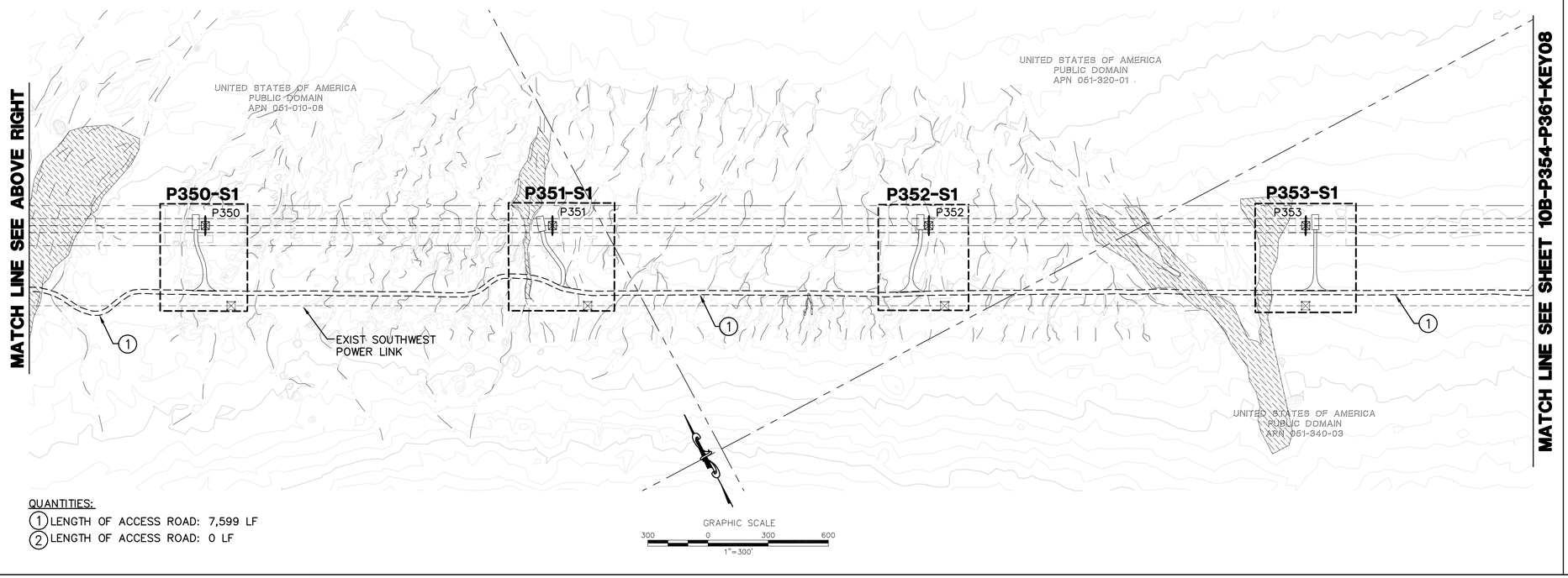
(2) LENGTH OF ACCESS ROAD: 0 LF



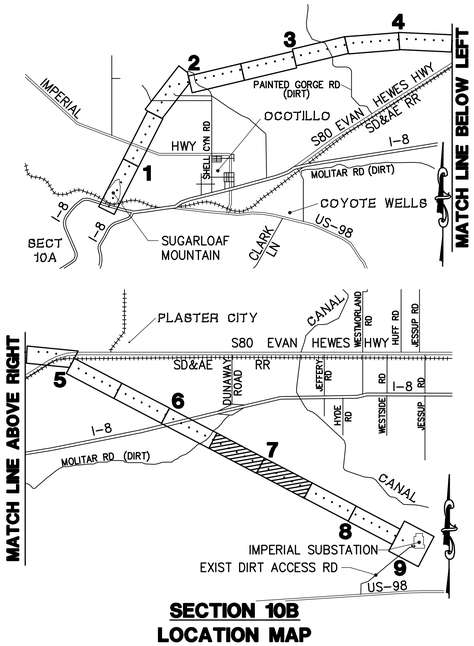
QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 7,599 LF
(2) LENGTH OF ACCESS ROAD: 0 LF

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
- DRYWASH AREAS

CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS.



SECTION 10B
LOCATION MAP

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

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–10B (LINK 1)

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B–P346–P353–KEY07
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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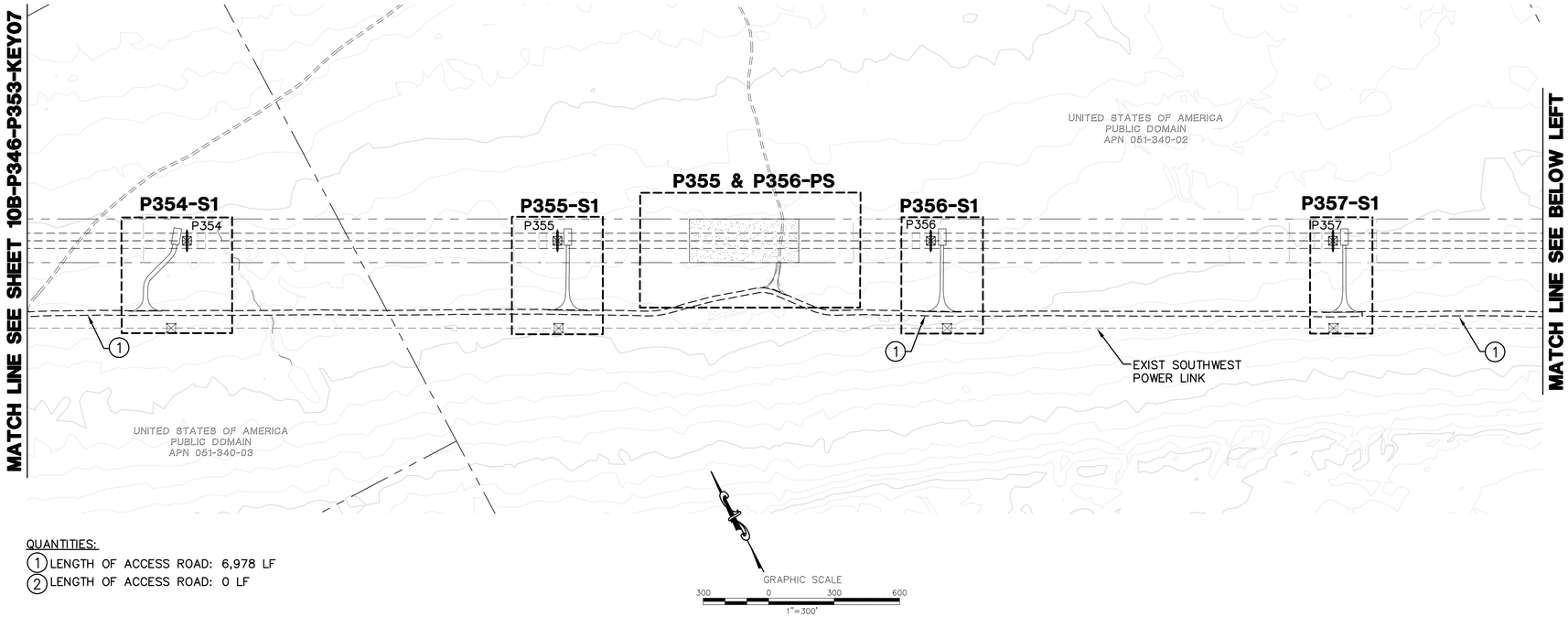
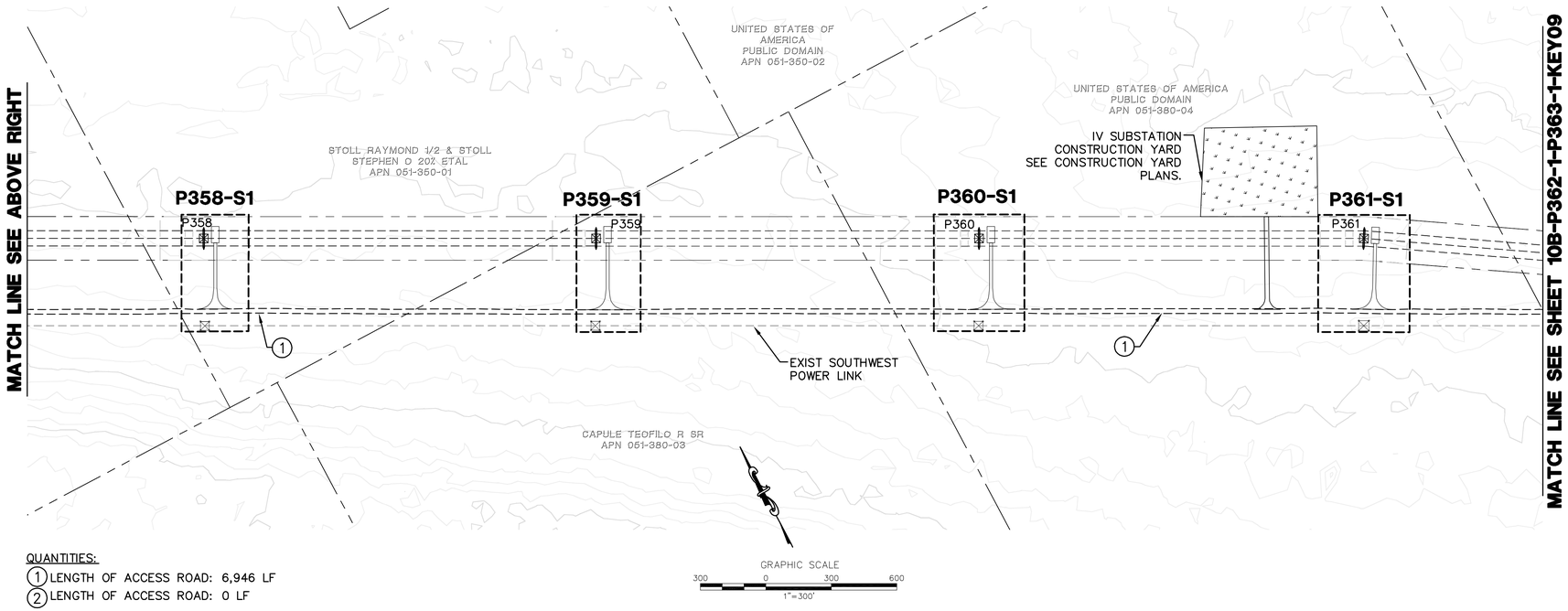


QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 6,978 LF
(2) LENGTH OF ACCESS ROAD: 0 LF



QUANTITIES:
(1) LENGTH OF ACCESS ROAD: 6,946 LF
(2) LENGTH OF ACCESS ROAD: 0 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
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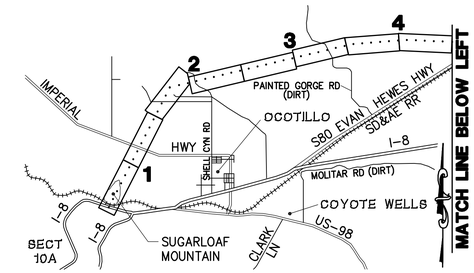
	CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
	PROPOSED TRANSMISSION LINES
P218–1	PROPOSED LATTICE TOWER AND TOWER #
TSAP	PROPOSED TOWER STAGING ACCESS PAD
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	DRYWASH AREAS

CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENANCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS.



SECTION 10B
LOCATION MAP

Bureau Veritas North America
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San Diego, CA 92127-1624
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www.us.bureauveritas.com

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–10B (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B–P354–P361–KEY08
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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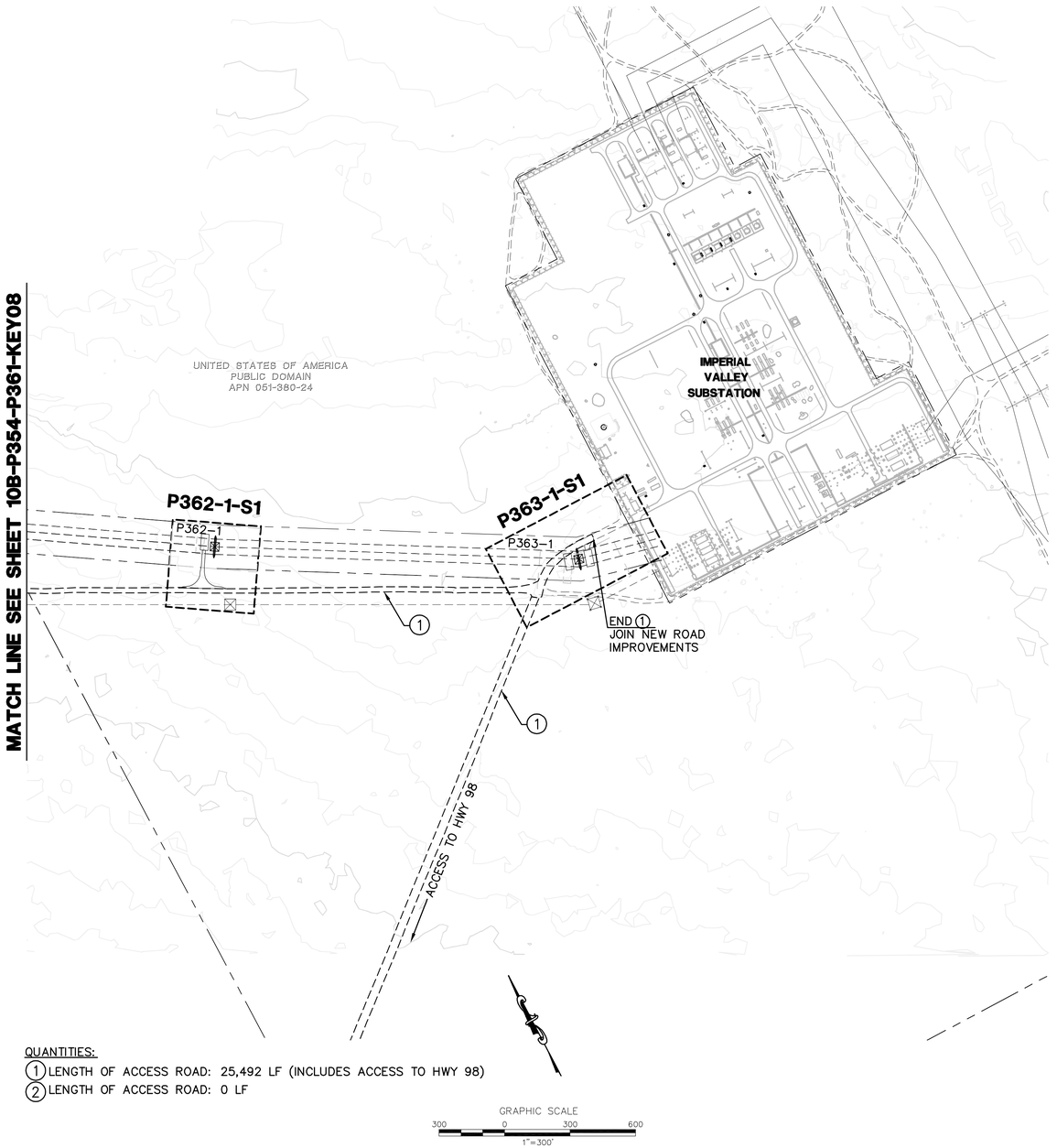

QUANTITIES:

(1) LENGTH OF ACCESS ROAD: 25,492 LF (INCLUDES ACCESS TO HWY 98)

(2) LENGTH OF ACCESS ROAD: 0 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
	MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
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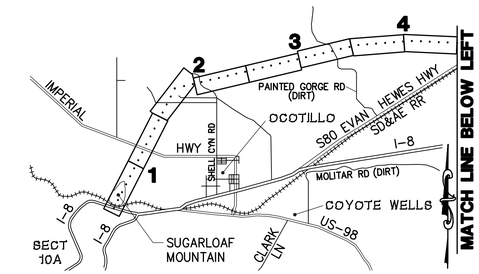
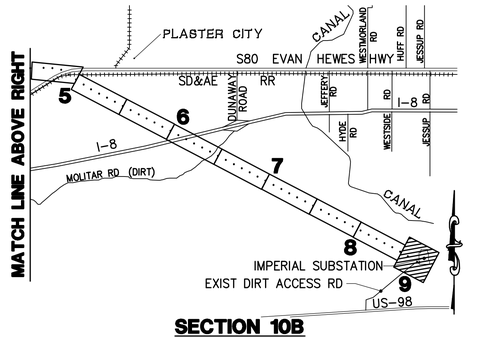
	PROPOSED TRANSMISSION LINES
P218–1	PROPOSED LATTICE TOWER AND TOWER #
TSAP	PROPOSED TOWER STAGING ACCESS PAD
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	DRYWASH AREAS

CONSTRUCTION NOTES

(1) USE EXISTING ROAD AS IS. LOCALIZED MAINTENENCE WORK ONLY AS NEEDED. EXCEPT DRYWASH AREAS.





SECTION 10B LOCATION MAP

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

REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — NO. 29708 — CIVIL — Exp.3-31-17 — 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–10B (LINK 1)
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0	10B–P362-1–P363-1–KEY09
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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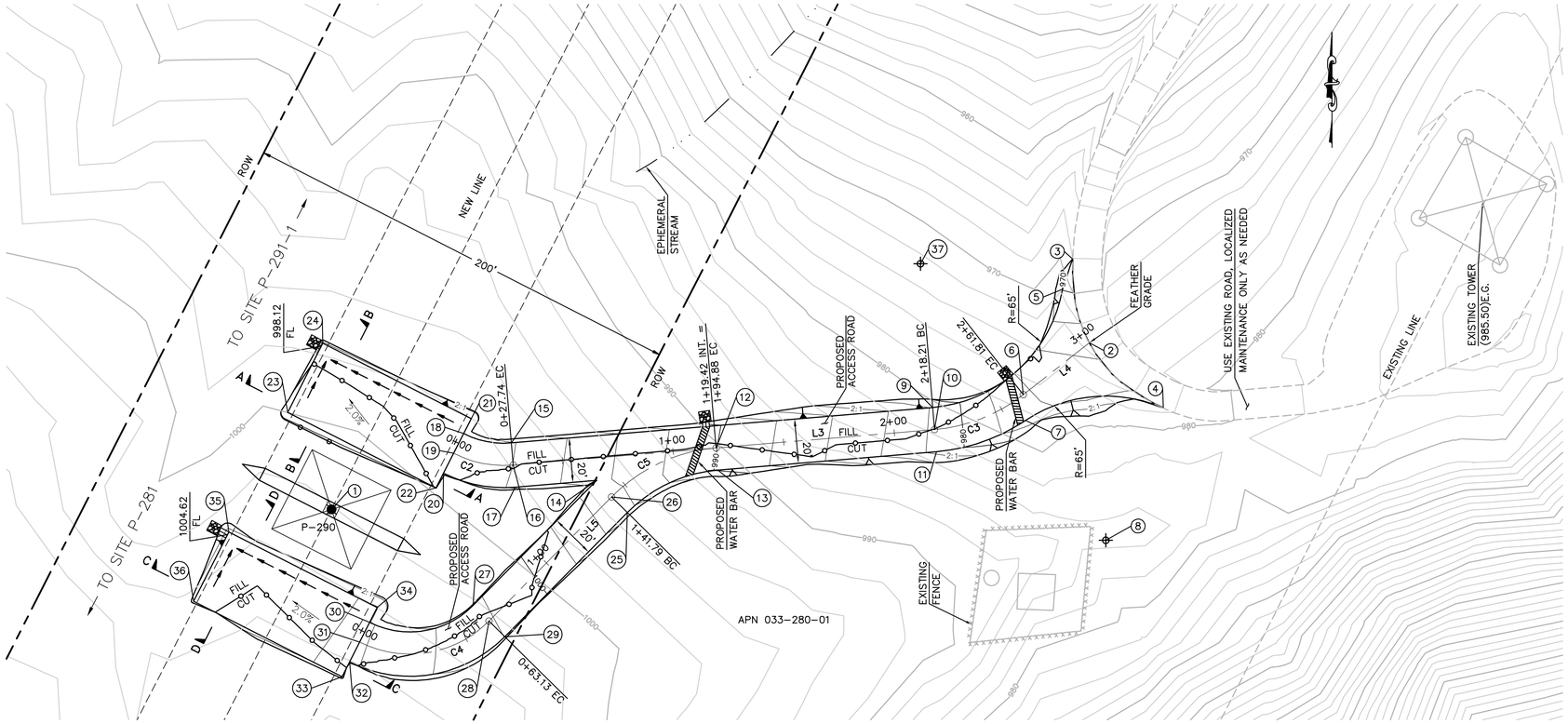


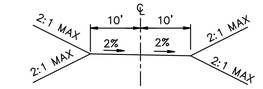
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-290	500 KV EXHD Lattice Dead-End Tower	0.00	135.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	50.00	27.74	31°47'17"
C3	75.00	43.60	33°18'23"
L3		190.47	N85°11'04"E
L4		37.80	N51°52'41"E

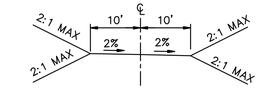
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C4	50.00	63.13	72°20'42"
C5	75.00	53.09	40°33'25"
L5		78.66	N44°37'39"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1845623.49	6623813.34	(1002.37)	P-290
2	1845698.55	6624154.79	(973.07)	CL
3	1845736.40	6624147.25	(968.04)	EG
4	1845669.20	6624188.09	(977.47)	EG
5	1845722.73	6624142.73	969.93	FG
6	1845675.21	6624125.06	976.13	CL/EC
7	1845663.59	6624126.05	976.64	PRC
8	1845609.57	6624162.21		RP
9	1845669.45	6624084.21	981.81	BC
10	1845659.48	6624085.05	981.61	CL/BC
11	1845649.52	6624085.89	981.41	BC
12	1845651.19	6623986.62	990.04	CL/EC/INT
13	1845641.22	6623987.46	989.84	EC
14	1845636.63	6623932.87	994.58	FG
15	1845653.46	6623894.42	998.18	EC
16	1845643.49	6623895.26	997.98	CL/EC
17	1845633.53	6623896.10	997.78	EC
18	1845657.67	6623872.92	999.65	FG
19	1845648.75	6623868.38	999.73	CL

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
20	1845639.84	6623863.85	999.82	FG
21	1845664.35	6623876.32	999.58	FG
22	1845633.16	6623860.44	999.88	FG
23	1845667.17	6623793.60	998.52	FG
24	1845698.37	6623809.48	998.22	FG
25	1845622.12	6623946.65	994.55	BC
26	1845629.14	6623939.54	994.75	CL/BC
27	1845580.19	6623877.16	1002.38	EC
28	1845573.16	6623884.28	1002.18	CL/EC
29	1845566.14	6623891.40	1001.98	EC
30	1845572.64	6623830.55	1006.20	FG
31	1845563.73	6623826.02	1006.23	CL
32	1845554.81	6623821.48	1006.26	FG
33	1845548.13	6623818.08	1006.28	FG
34	1845579.32	6623833.96	1006.18	FG
35	1845613.34	6623767.11	1004.72	FG
36	1845582.15	6623751.24	1004.82	FG
37	1845734.22	6624078.76		RP



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+94.88 INT = 1+19.42

EARTH QUANTITIES:
CUT: 221 CY.
FILL: 190 CY.
NET: 31 CY.

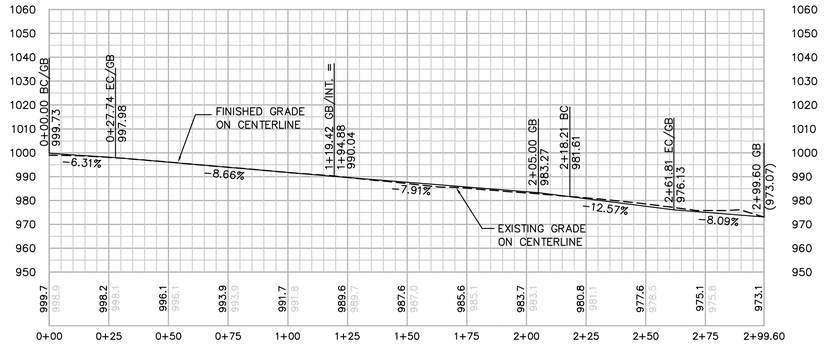
DISTURBED AREA:
PAD: 6,146 SF
ROAD: 11,773 SF
TOTAL: 17,919 SF

QUANTITIES:
DOWN DRAIN: 8 LF
RIP RAP: 100 SF

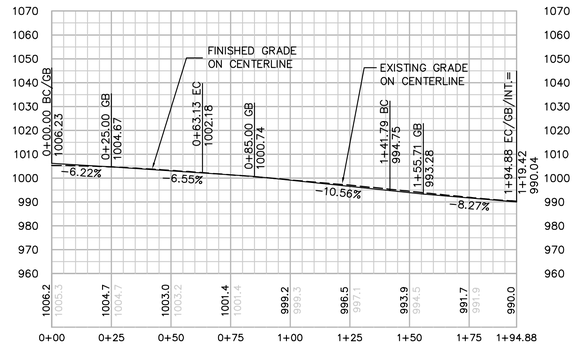
LENGTH OF ACCESS ROAD: 495 LF

TOWER P-290 PLAN
SCALE: 1" = 30'

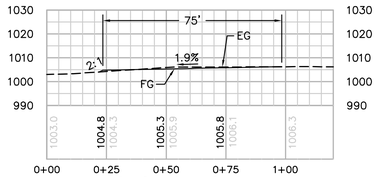
GRAPHIC SCALE
30 0 30 60
1"=30'



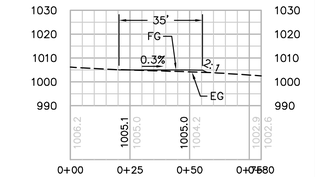
PROFILE: ACCESS ROAD TO TOWER P-290 (NORTH)
HORIZ. & VERT. SCALE: 1" = 30'



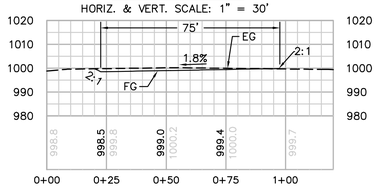
PROFILE: ACCESS ROAD TO TOWER P-290 (SOUTH)
HORIZ. & VERT. SCALE: 1" = 30'



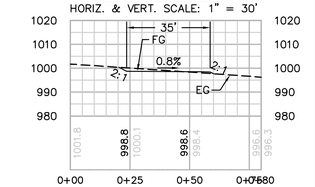
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



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



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. SMITH — NO. 29708 — Exp.3-31-11 — CIVIL — STATE OF CALIFORNIA

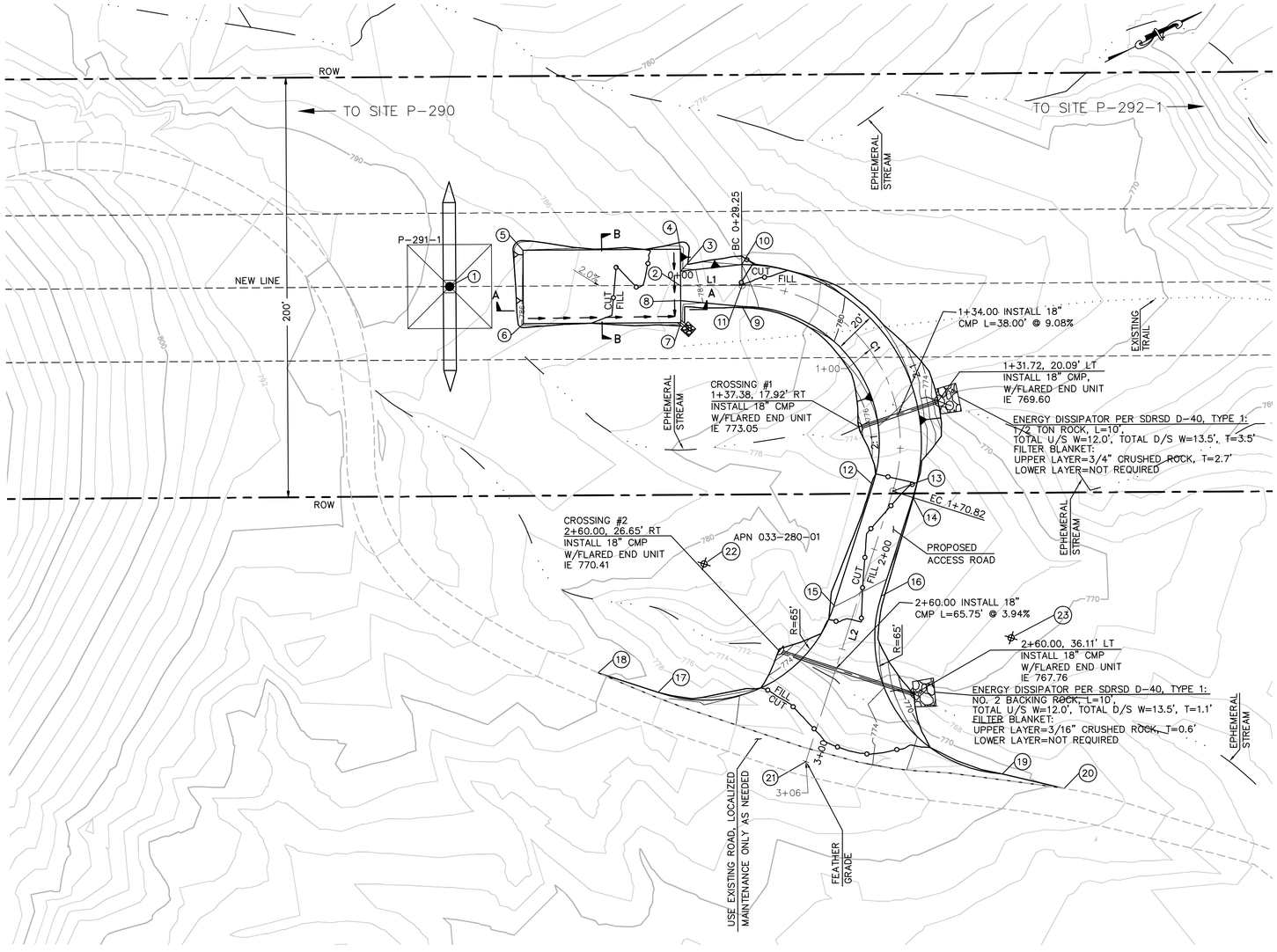
REVISIONS

NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-290

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P290-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



TOWER P-291-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 126 CY.
FILL: 629 CY.
NET: 503 CY.

DISTURBED AREA:
PAD: 3070 SF
ROAD: 10490 SF
TOTAL: 13560 SF

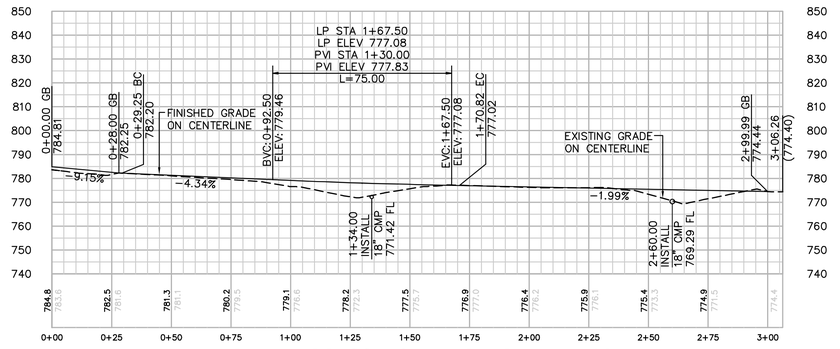
QUANTITIES:
18" CM PIPE: 104 LF
DOWN DRAIN: 5 LF
RIP RAP: 25 SF
FLARED END SECTIONS: 4 EA
ENERGY DISSIPATOR: 255 SF

LENGTH OF ACCESS ROAD: 306 LF

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-291-1	500 KV EXMT Lattice Tangent	0.00	166.50

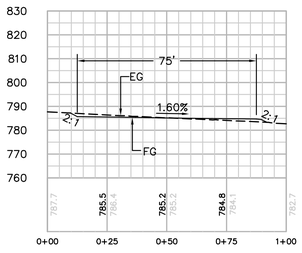
CENTERLINE ACCESS ROAD DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA
C1	75.00'	141.57'	108°09'03"
L1		29.25'	N26°58'21"E
L2		135.44'	S44°52'36"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1847011.24	6624519.59	(789.97)	P-291-1
2	1847109.10	6624569.82	784.81	CL
3	1847112.28	6624563.58	784.67	FG
4	1847117.04	6624554.23	784.74	FG
5	1847050.20	6624520.21	785.99	FG
6	1847034.32	6624551.40	785.63	FG
7	1847101.16	6624585.42	784.38	FG
8	1847105.93	6624576.06	784.95	FG
9	1847130.64	6624592.00	782.40	BC
10	1847139.71	6624574.18	782.00	BC
11	1847135.17	6624583.09	782.20	CL/BC
12	1847147.02	6624695.99	777.22	EC
13	1847154.07	6624703.08	777.02	CL/EC
14	1847161.13	6624710.17	776.82	EC
15	1847104.11	6624738.71	776.01	FG
16	1847126.12	6624745.02	775.81	FG
17	1847010.71	6624736.98	(778.54)	EG
18	1846989.56	6624715.58	(780.30)	EG
19	1847138.48	6624846.78	(770.65)	EG
20	1847161.41	6624866.45	(769.80)	EG
21	1847058.10	6624798.64	(774.40)	CL
22	1847058.25	6624692.65		RP
23	1847171.99	6624791.08		RP

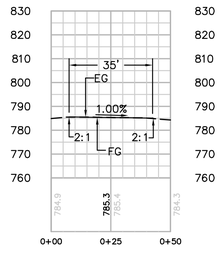


PROFILE ACCESS ROAD TO TOWER P-291-1

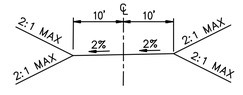
HORIZ. & VERT. SCALE: 1" = 30'



SECTION A-A



SECTION B-B



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+29.25 BC TO STA 2+20.22

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

REVISIONS

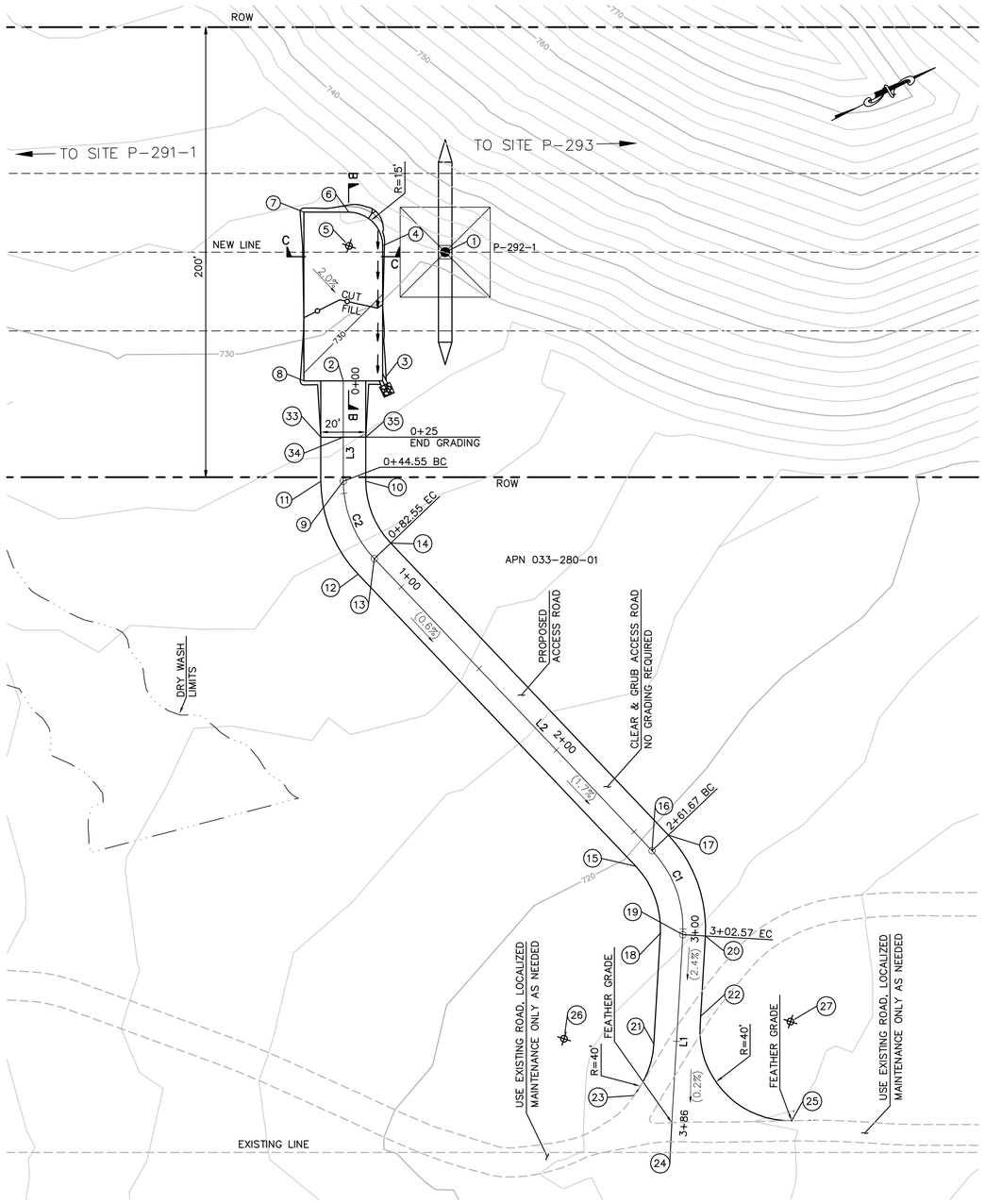
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-291-1

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

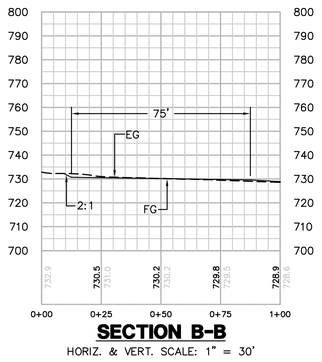
10B-P291-1-S1



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-292-1	500 KV EXMT Lattice Tangent Tower	0.00	139.50

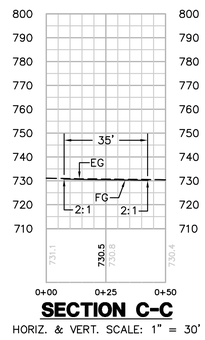
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		83.69'	S59°41'57"E
C1	50.00'	40.90'	46°52'17"
L2		179.11'	N73°25'46"E
C2	50.00'	38.00'	43°32'35"
L3		44.55'	S63°01'39"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1848501.31	6625277.92	(731.02)	P-292-1
2	1848435.02	6625308.42	729.71	CL
3	1848450.61	6625316.36	729.46	FG
4	1848477.83	6625262.88	730.30	FG
5	1848464.46	6625256.08		RP
6	1848471.26	6625242.71	730.72	FG
7	1848453.44	6625233.64	731.00	FG
8	1848419.42	6625300.48	729.95	FG
9	1848414.81	6625348.13		EC / CL
10	1848423.72	6625352.66		EG
11	1848405.90	6625343.59		EG
12	1848401.86	6625387.92		EG
13	1848411.45	6625385.06		BC / CL
14	1848421.03	6625382.21		EG
15	1848452.94	6625559.59		EG
16	1848462.53	6625556.74		EC / CL
17	1848472.11	6625553.89		EG
18	1848449.14	6625591.18		EG
19	1848457.77	6625596.23		BC / CL
20	1848466.41	6625601.27		EG
21	1848424.29	6625633.71		EG
22	1848448.35	6625632.17		EG
23	1848405.98	6625650.09		EG
24	1848415.55	6625668.48		CL
25	1848463.41	6625691.90		EG
26	1848389.75	6625613.53		RP
27	1848482.89	6625652.35		RP
33	1848414.76	6625326.16	(728.29)	EG
34	1848423.68	6625330.70	(728.18)	CL/FG
35	1848432.59	6625335.24	(727.91)	EG



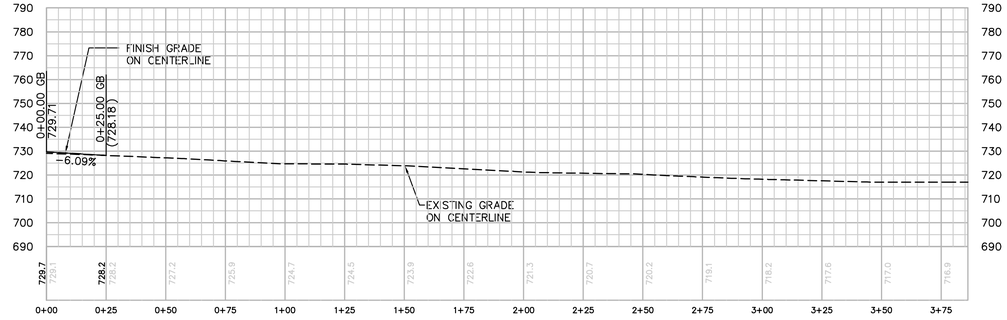
SECTION B-B

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



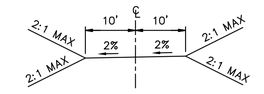
SECTION C-C

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



PROFILE: ACCESS ROAD TO TOWER P-292-1

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 0+25.00

EARTH QUANTITIES:
CUT: 23 CY.
FILL: 19 CY.
NET: 4 CY.

DISTURBED AREA:
PAD: 2,845 SF
ROAD: 8,135 SF
TOTAL: 10,980 SF

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

LENGTH OF ACCESS ROAD: 386 LF

TOWER P-292-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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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-10B (LINK 1)

SITE P-292-1

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

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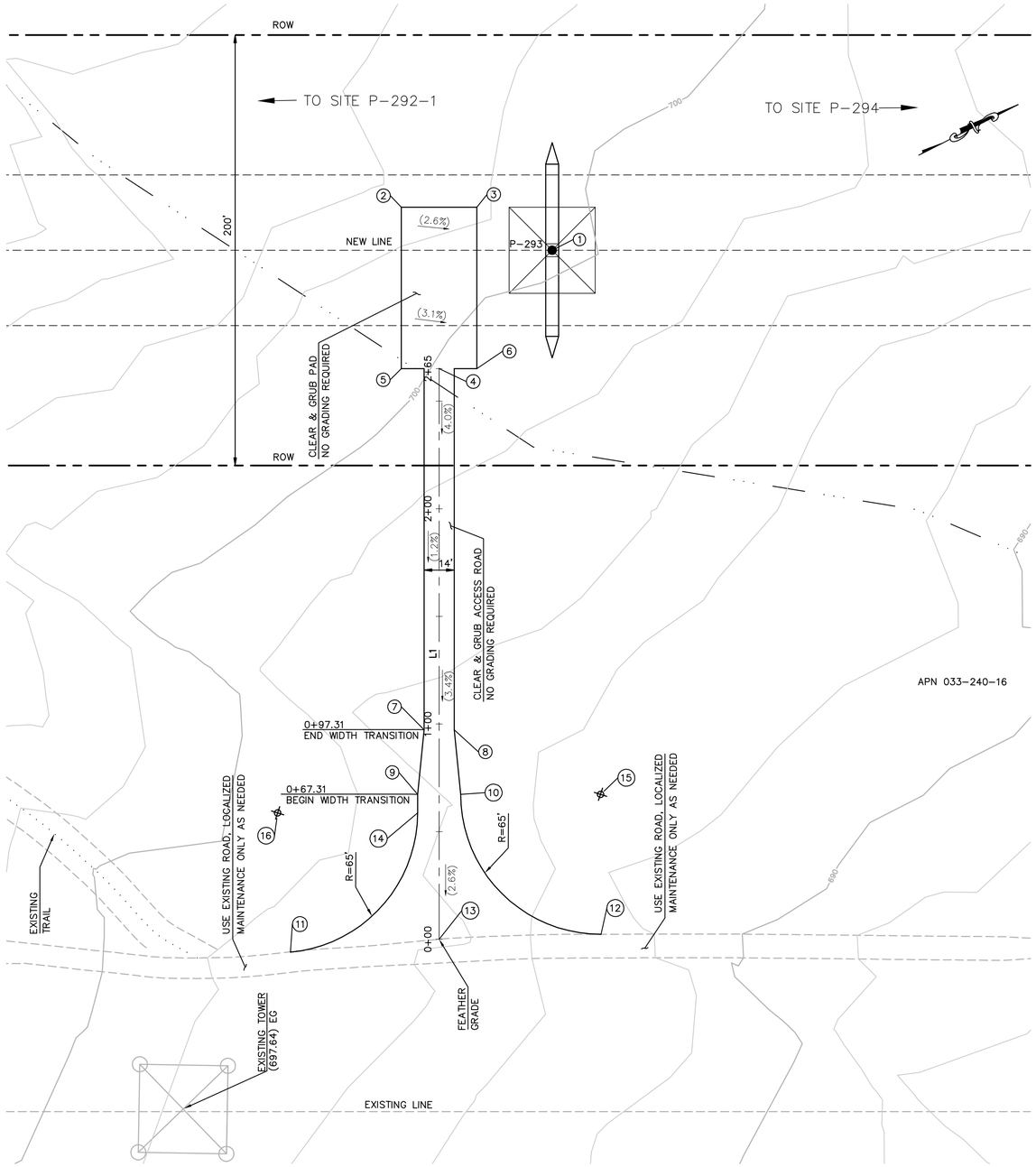
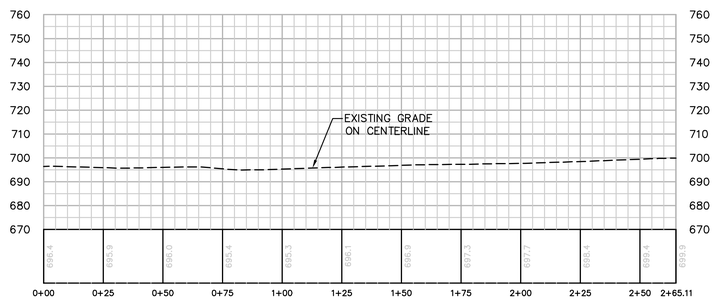


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-293	500 KV EXMT Lattice Tangent Tower	0.00	130.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		265.11	N63°01'39"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1849661.34	6625868.28	(700.79)	P-293
2	1849608.03	6625818.71		EG
3	1849639.22	6625834.58		EG
4	1849589.61	6625893.49		CL/EG
5	1849574.01	6625885.55		EG
6	1849605.21	6625901.43		EG
7	1849507.27	6626039.86		EG
8	1849519.74	6626046.21		EG
9	1849490.99	6626065.23		EG
10	1849508.81	6626074.30		EC
11	1849405.13	6626103.82		BC
12	1849537.43	6626161.80		BC
13	1849469.37	6626129.76		CL/EG
14	1849487.08	6626072.90		EC
15	1849566.74	6626103.78		RP
16	1849429.15	6626043.42		RP



PROFILE: ACCESS ROAD TO TOWER P-293
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 7829 SF
TOTAL: 10454 SF

NOTE:
LENGTH OF ACCESS ROAD: 265 LF

TOWER P-293 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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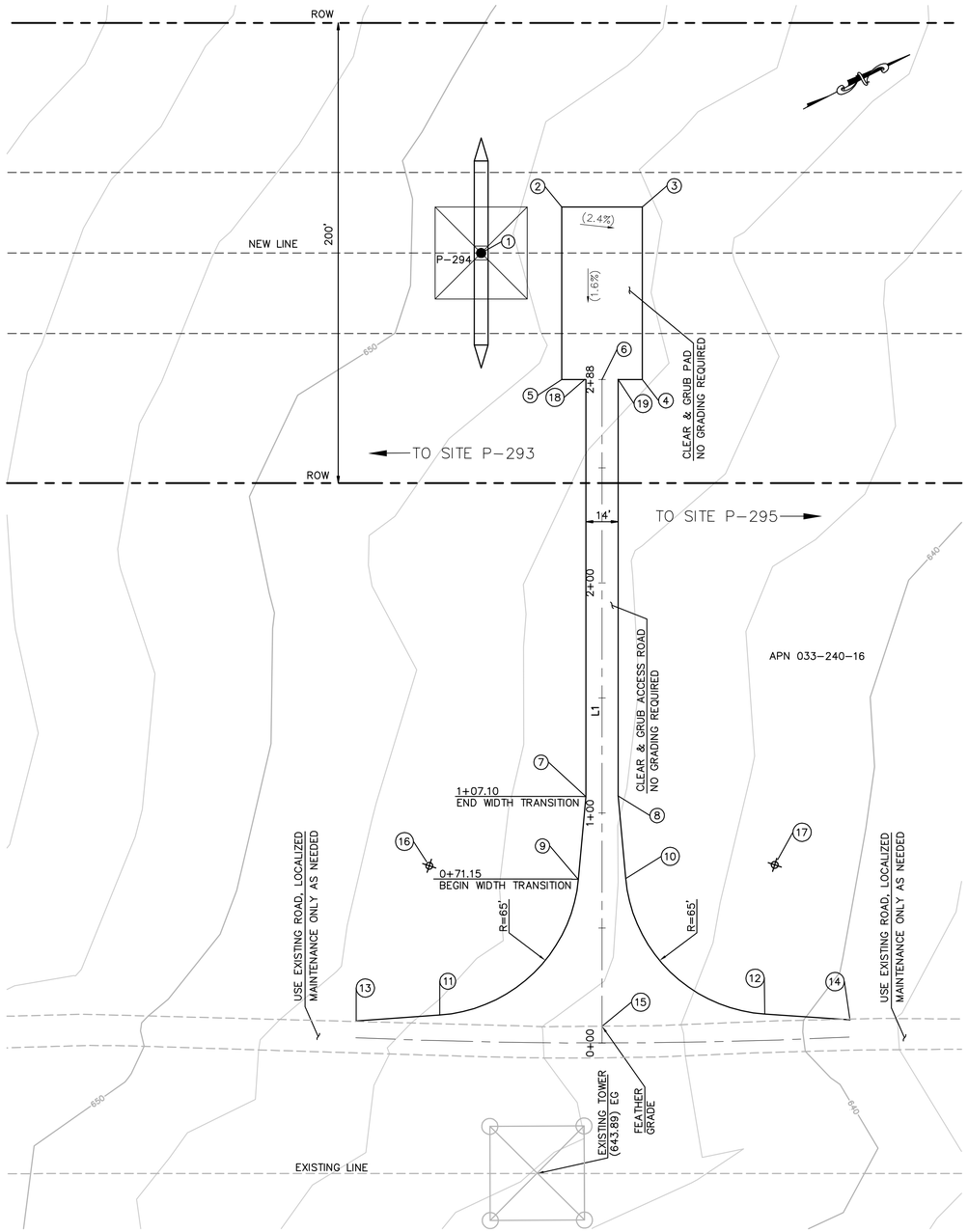
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-293

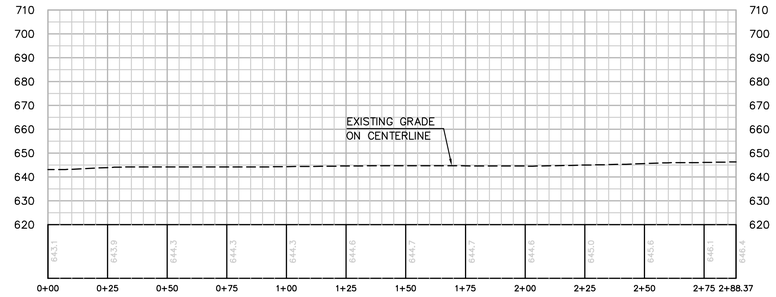
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P293-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-294	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1851062.19	6626581.20	(648.87)	P-294
2	1851102.46	6626579.25		
3	1851133.65	6626595.13		
4	1851099.63	6626661.97		
5	1851068.44	6626646.10		
6	1851084.04	6626654.03		CL
7	1850995.57	6626812.43		
8	1851008.18	6626818.52		
9	1850976.35	6626842.99		EC
10	1850994.83	6626851.95		EC
11	1850895.99	6626868.24		BC
12	1851021.97	6626931.91		BC
13	1850862.47	6626854.05		
14	1851053.76	6626950.82		
15	1850956.56	6626904.51		CL
16	1850921.33	6626808.39		RP
17	1851055.20	6626876.05		RP
18	1851077.35	6626650.63		
19	1851090.28	6626657.21		

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		288.37	N63° 01' 39"W



PROFILE: ACCESS ROAD TO TOWER P-294
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 8516 SF
TOTAL: 11141 SF

NOTE:
LENGTH OF ACCESS ROAD: 281 LF

TOWER P-294 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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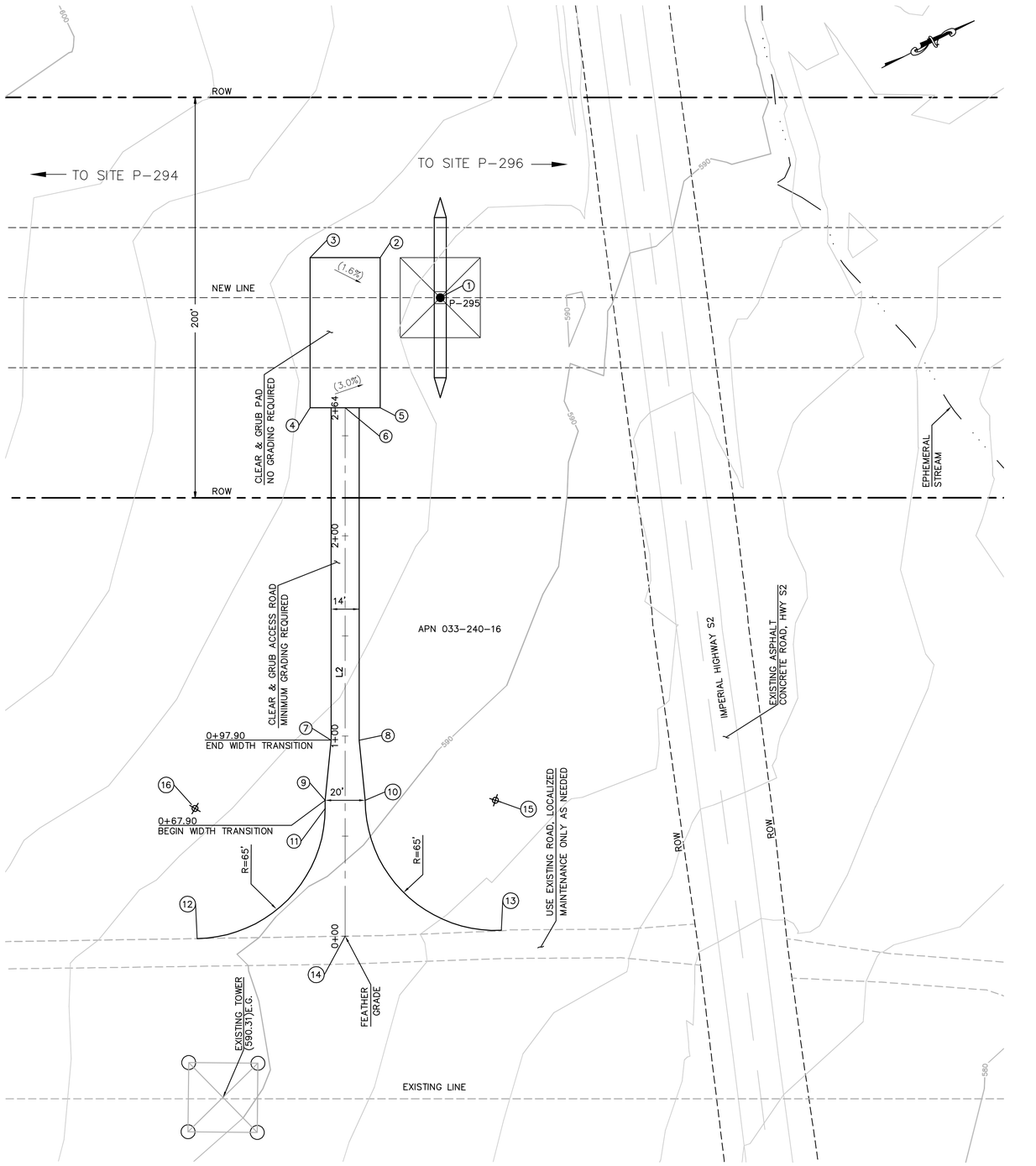
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-294

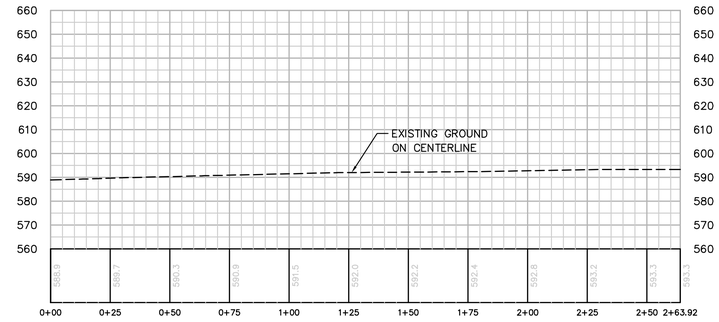
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P294-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-295	500 KV EXMT Lattice Tangent Tower	0.00	157.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L2		263.92	N63° 01' 39.24"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1852621.44	6627374.73	(593.70)	P-295
2	1852603.77	6627343.30		
3	1852572.58	6627327.43		
4	1852538.56	6627394.27		
5	1852569.75	6627410.14		
6	1852554.16	6627402.21		CL
7	1852472.61	6627547.00		
8	1852485.09	6627553.35		
9	1852456.33	6627572.37		
10	1852474.16	6627581.44		EC
11	1852454.48	6627576.01		EC
12	1852368.00	6627604.93		BC
13	1852505.31	6627670.16		BC
14	1852434.45	6627637.42		CL
15	1852532.09	6627610.93		RP
16	1852396.55	6627546.53		RP



PROFILE: ACCESS ROAD TO TOWER P-295
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 4473 SF
TOTAL: 7098 SF

NOTE:
LENGTH OF ACCESS ROAD: 264 LF

TOWER P-295 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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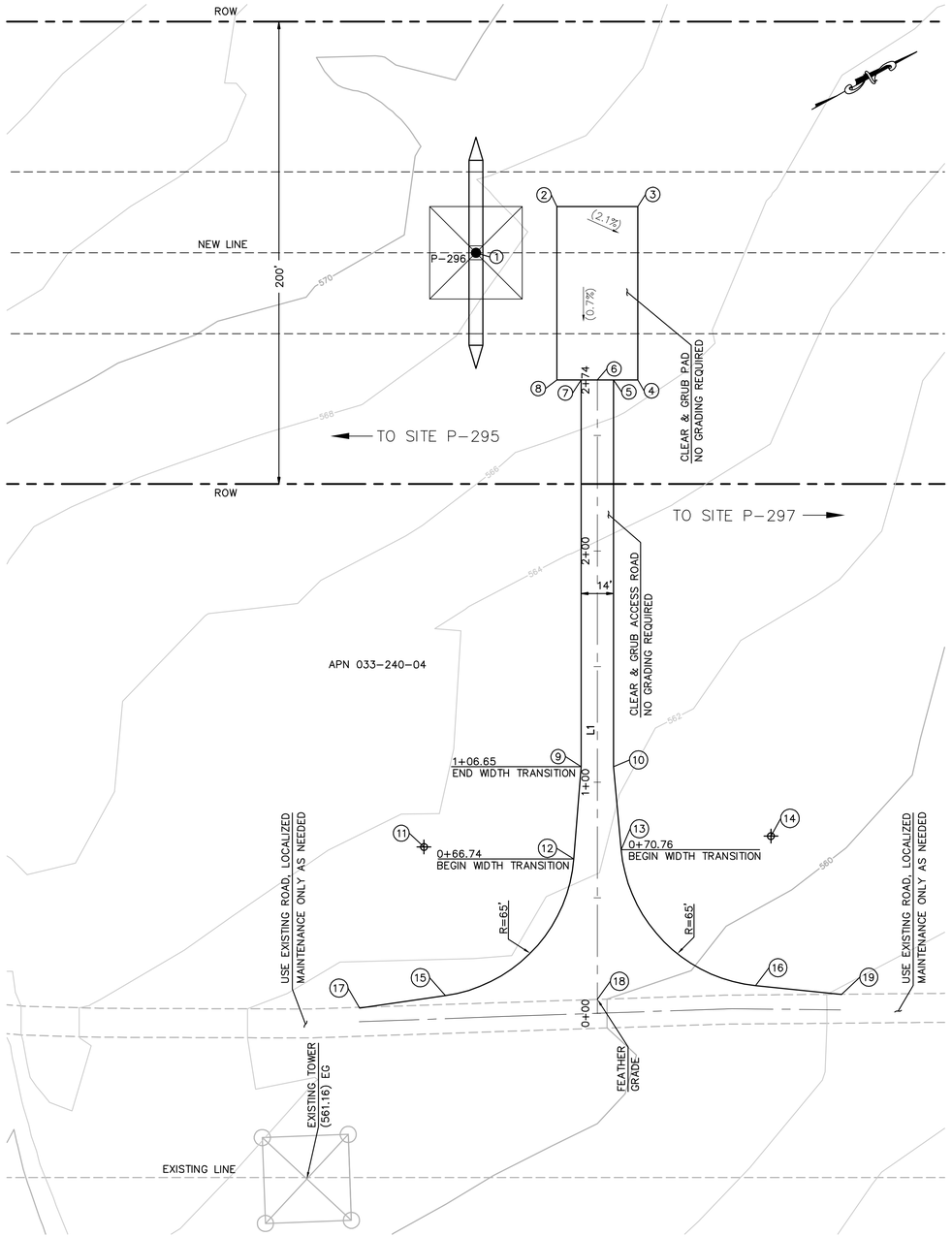
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-295

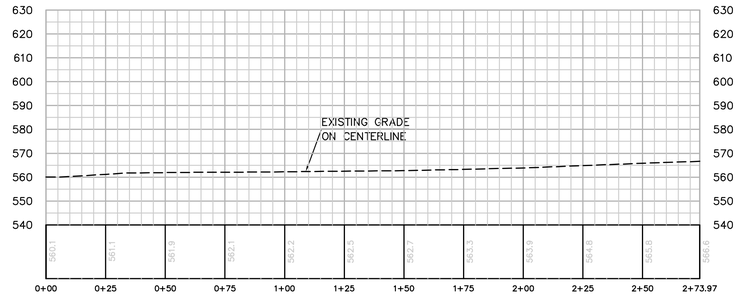
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P295-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-296	500 KV EXMT Lattice Tangent Tower	0.00	133.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1853974.10	6628063.13	P-296/(568.94)
2	1854014.36	6628061.18	
3	1854045.55	6628077.05	
4	1854011.54	6628143.89	
5	1854002.18	6628139.13	
6	1853995.94	6628135.96	CL
7	1853989.70	6628132.78	
8	1853980.34	6628128.02	
9	1853913.81	6628281.90	
10	1853926.29	6628288.25	
11	1853837.47	6628281.99	RP
12	1853892.85	6628316.02	EC
13	1853912.92	6628321.72	EC
14	1853973.28	6628345.83	RP
15	1853816.61	6628343.55	BC
16	1853938.03	6628400.44	BC
17	1853781.05	6628331.50	
18	1853874.41	6628374.76	CL
19	1853969.45	6628420.72	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		273.97	N63°01'39"W



PROFILE: ACCESS ROAD TO TOWER P-296

SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 7849 SF
TOTAL: 10474 SF

NOTE:
LENGTH OF ACCESS ROAD: 274 LF

TOWER P-296 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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Exp. 3-31-11
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REVISIONS

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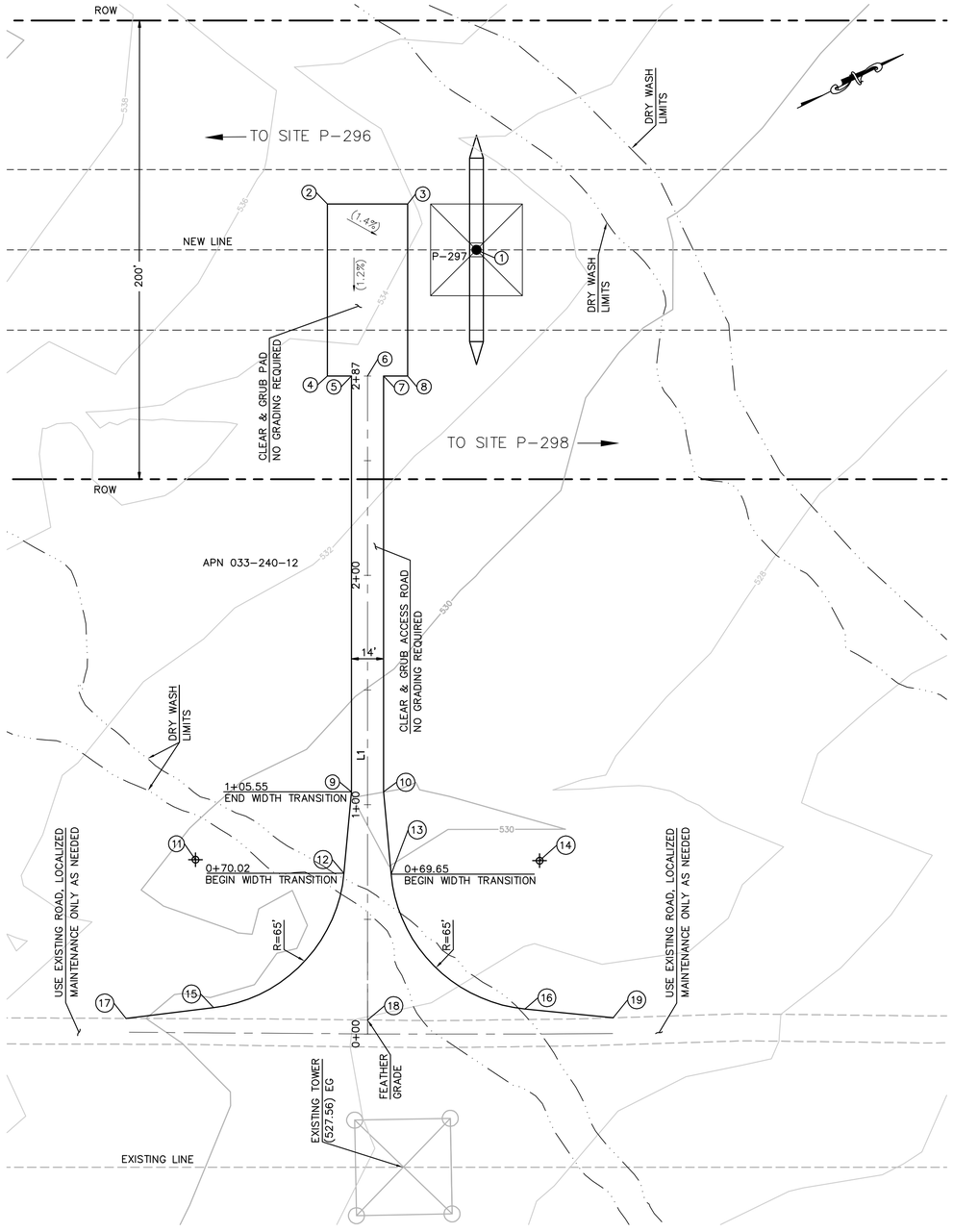
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-296

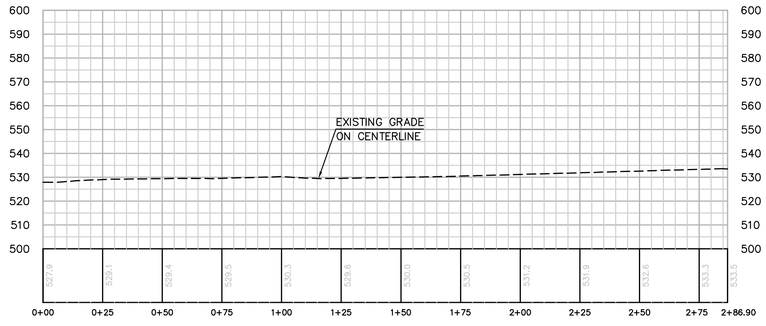
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P296-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-297	500 KV EXMT Lattice Tangent Tower	0.00	157.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1855364.85	6628770.91	P-297/(533.51)
2	1855315.99	6628723.60	
3	1855347.18	6628739.48	
4	1855281.97	6628790.45	
5	1855291.33	6628795.21	
6	1855297.57	6628798.38	CL
7	1855303.81	6628801.56	
8	1855313.17	6628806.32	
9	1855209.07	6628956.84	
10	1855221.55	6628963.19	
11	1855135.06	6628952.35	RP
12	1855190.04	6628987.02	EC
13	1855208.18	6628996.66	EC
14	1855268.55	6629020.77	RP
15	1855112.85	6629013.43	BC
16	1855233.48	6629075.50	BC
17	1855076.69	6629000.28	
18	1855170.20	6629048.66	CL
19	1855266.01	6629096.34	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		286.90	N63°01'39"W



PROFILE: ACCESS ROAD TO TOWER P-297
SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 8228 SF
TOTAL: 10853 SF

NOTE:
LENGTH OF ACCESS ROAD: 287 LF

TOWER P-297 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-297

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P297-S1
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APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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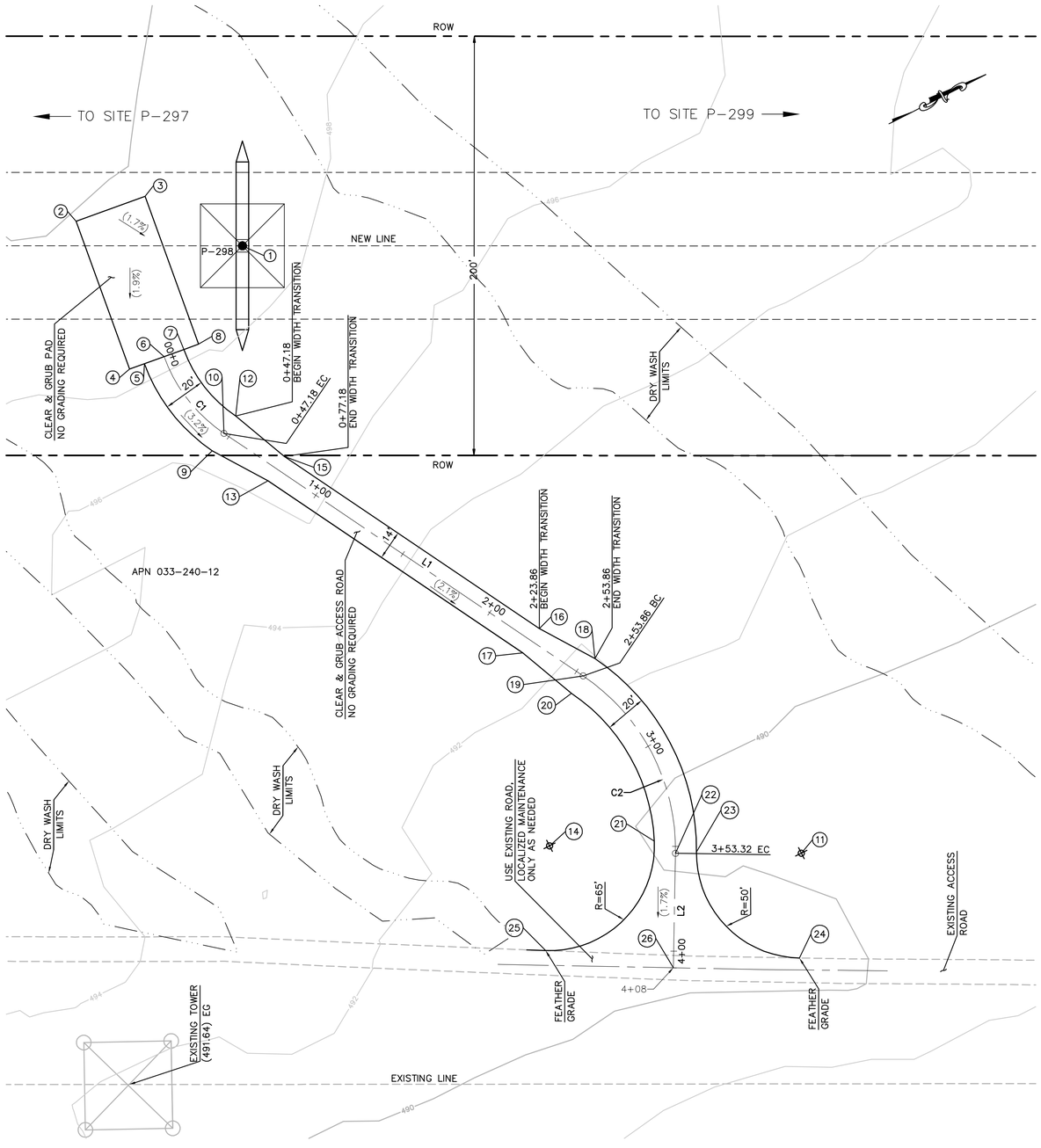
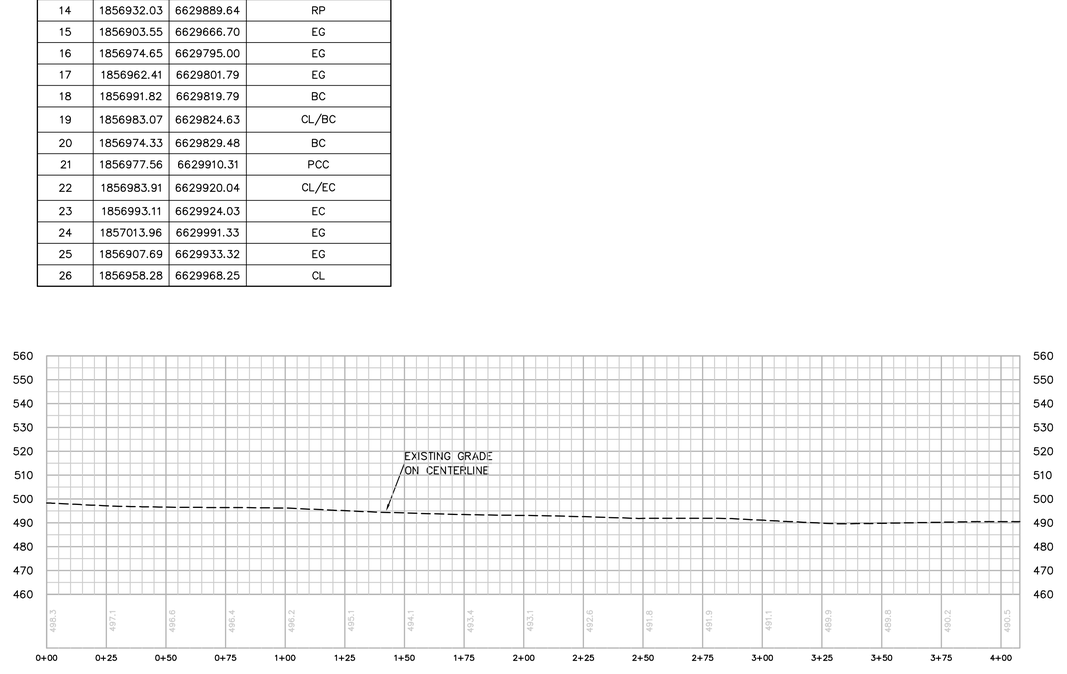


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-298	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1856931.30	6629568.11	P-298/(499.32)
2	1856865.88	6629521.72	EG
3	1856900.62	6629526.02	EG
4	1856856.68	6629596.16	EG
5	1856864.13	6629597.08	BC
6	1856874.05	6629598.30	CL/BC
7	1856883.97	6629599.53	BC
8	1856891.42	6629600.45	EG
9	1856874.14	6629648.70	EC
10	1856882.88	6629643.86	CL/EC
11	1857037.43	6629947.18	RP
12	1856891.63	6629639.01	EC
13	1856891.30	6629673.49	EG
14	1856932.03	6629889.64	RP
15	1856903.55	6629666.70	EG
16	1856974.65	6629795.00	EG
17	1856962.41	6629801.79	EG
18	1856991.82	6629819.79	BC
19	1856983.07	6629824.63	CL/BC
20	1856974.33	6629829.48	BC
21	1856977.56	6629910.31	PCC
22	1856983.91	6629920.04	CL/EC
23	1856993.11	6629924.03	EC
24	1857013.96	6629991.33	EG
25	1856907.69	6629933.32	EG
26	1856958.28	6629968.25	CL

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	47.18	36°02'23"
L1		206.68	N61°00'16"E
C2	100.00	99.46	56°59'13"
L2		54.60	S62°00'31"E



PROFILE: ACCESS ROAD TO TOWER P-298

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 8,082 SF
TOTAL: 10,707 SF

NOTE:
LENGTH OF ACCESS ROAD: 408 LF

TOWER P-298 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-298

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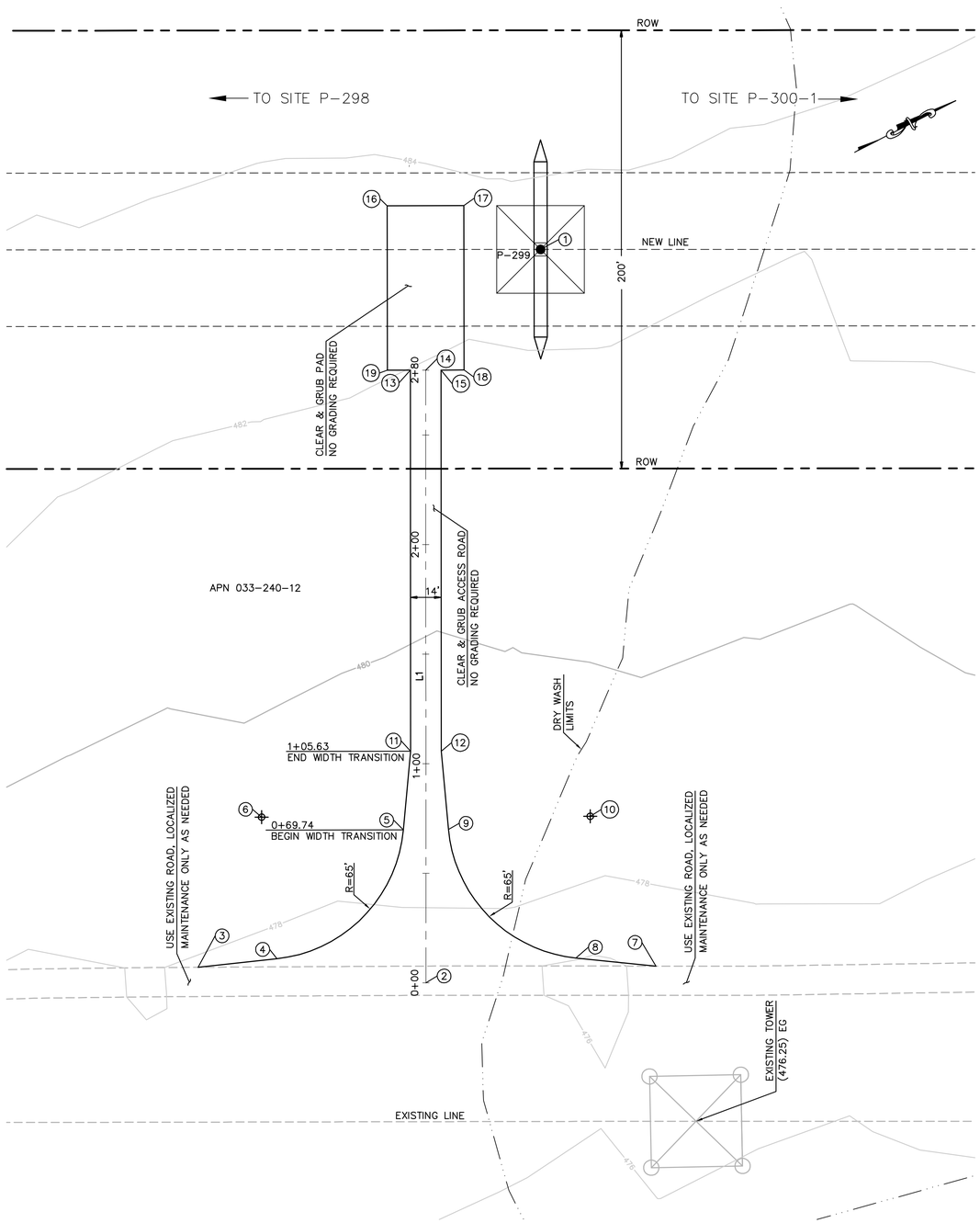
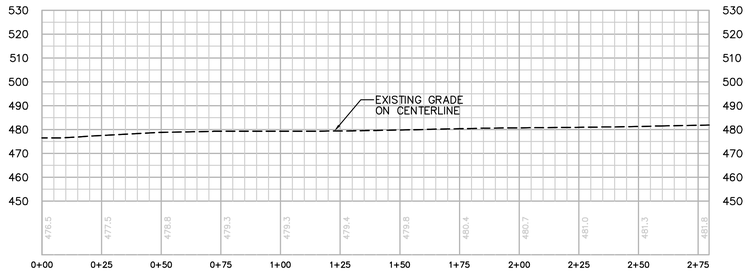
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-299	500 KV EXMT Lattice Tangent Tower	0.00	139.50



PROFILE: ACCESS ROAD TO TOWER P-299
HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		279.61	N63°01'39"W

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1858447.77	6630339.87	P-299/(484.64)
2	1858249.22	6630614.27	FG
3	1858159.80	6630560.74	FG
4	1858193.55	6630573.59	BC
5	1858271.70	6630547.46	EC
6	1858216.68	6630512.85	RP
7	1858346.12	6630655.13	FG
8	1858315.28	6630635.26	FG
9	1858290.11	6630556.56	FG
10	1858350.50	6630580.62	RP
11	1858290.89	6630516.95	FG
12	1858303.37	6630523.30	FG
13	1858369.80	6630361.90	FG
14	1858376.04	6630365.08	FG
15	1858382.28	6630368.25	FG
16	1858394.46	6630290.30	FG
17	1858425.65	6630306.17	FG
18	1858391.63	6630373.01	FG
19	1858360.44	6630357.14	FG

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 8181 SF
TOTAL: 10806 SF

NOTE:
LENGTH OF ACCESS ROAD: 280 LF

TOWER P-299 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-299

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P299-S1
CHECKED BY:	DATE:				
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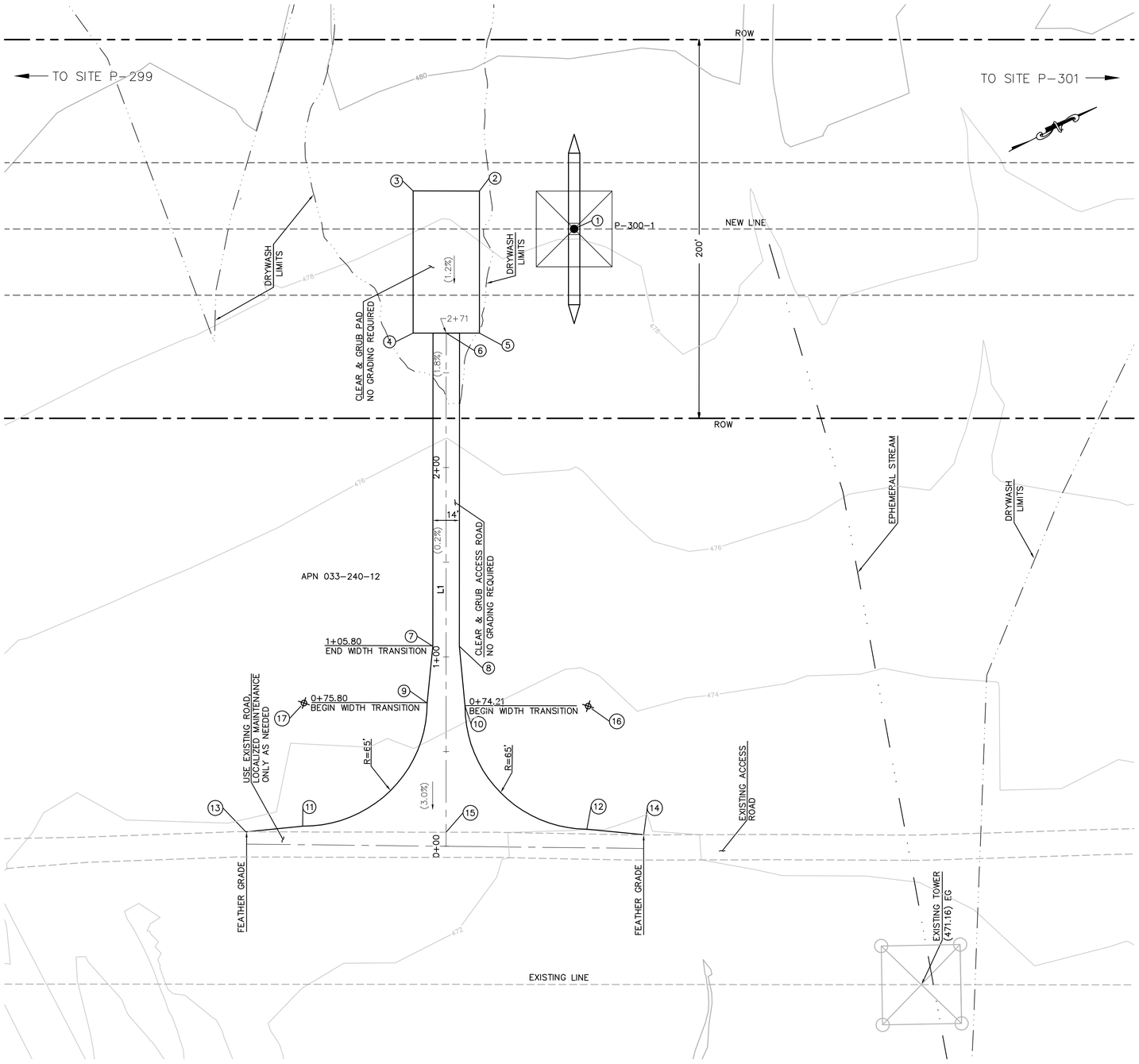
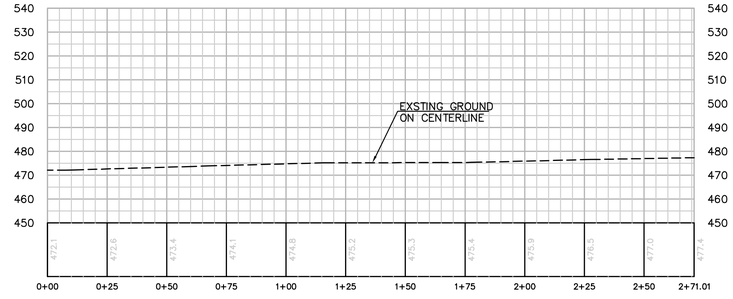
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-300-1	500 KV EXMT Lattice Tangent Tower	0.00	169.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELATA ANGLE
L1		271.01	N63°00'36"W

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1859909.85	6631083.95	P-300-1 (479.90)
2	1859874.37	6631043.42	EG
3	1859843.18	6631027.54	EG
4	1859809.15	6631094.37	EG
5	1859840.33	6631110.26	EG
6	1859824.74	6631102.31	CL
7	1859743.44	6631246.53	EG
8	1859755.91	6631252.88	EG
9	1859727.15	6631271.90	EC
10	1859744.25	6631282.39	EC
11	1859639.12	6631300.00	BC
12	1859772.06	6631369.49	BC
13	1859611.02	6631289.06	EG
14	1859797.49	6631385.68	EG
15	1859705.12	6631337.18	CL
16	1859802.17	6631311.89	RP
17	1859669.23	6631242.40	RP



PROFILE: ACCESS ROAD TO TOWER P-300-1
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,482 SF
TOTAL: 9,107 SF

NOTE:
LENGTH OF ACCESS ROAD: 271 LF

TOWER P-300-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-300-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
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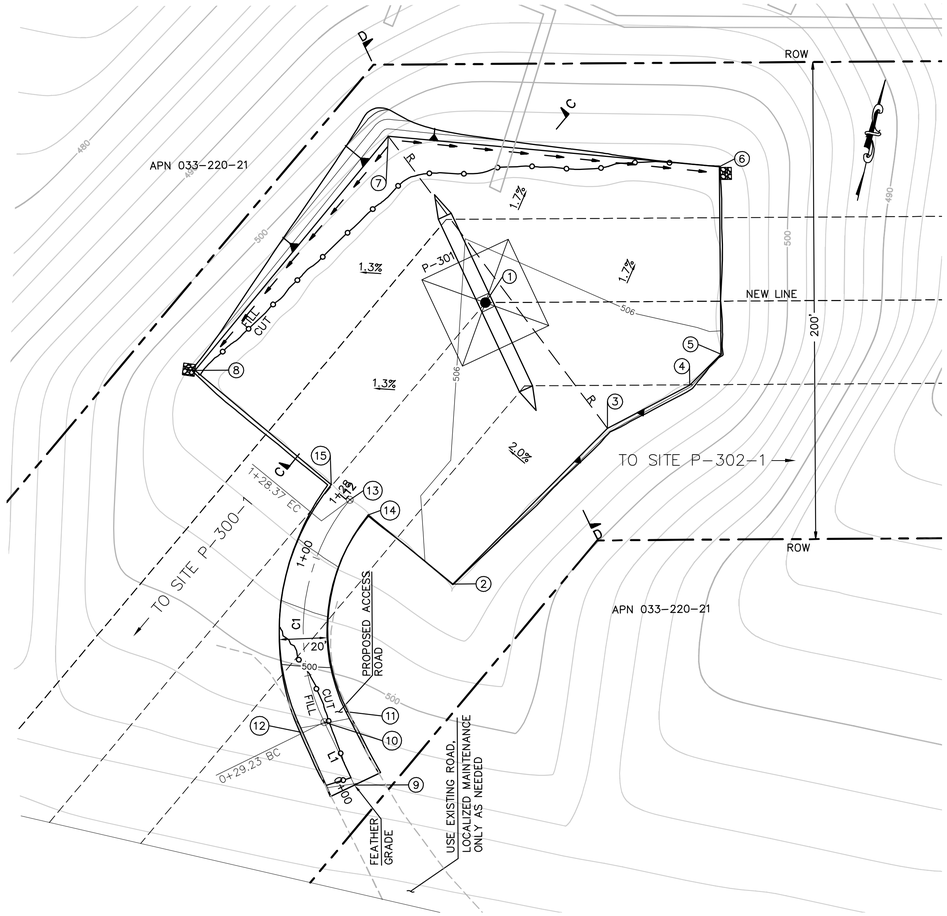
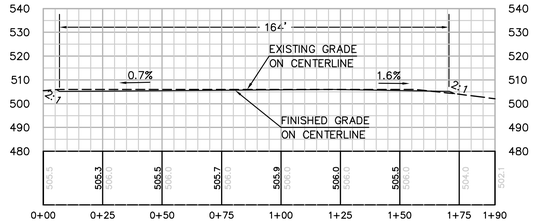


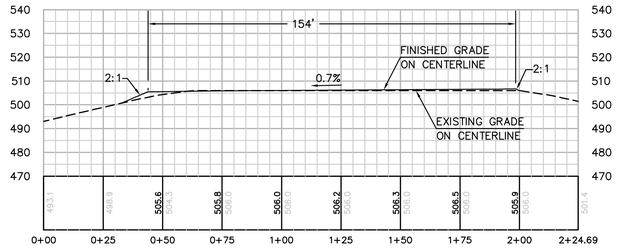
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-301	500 KV EXMD Lattice Dead-end Tower	49.68	159.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		29.23	N38°34'42"W
C1	86.79	99.14	65°26'35"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION	
1	1861456.55	6631871.10	506.13	P-301	(505.73)
2	1861338.52	6631884.40	506.11	FG	
3	1861416.69	6631932.82	506.83	FG	
4	1861442.07	6631962.31	506.38	FG	
5	1861457.71	6631972.18	506.17	FG	
6	1861534.15	6631953.82	504.80	FG	
7	1861515.38	6631815.72	505.55	FG	
8	1861401.45	6631758.90	504.80	FG	
9	1861247.12	6631863.15	(495.96)	CL	
10	1861269.97	6631844.92	498.04	CL/BC	
11	1861276.29	6631852.67	498.25	BC	
12	1861263.65	6631837.17	497.84	BC	
13	1861363.20	6631834.34	505.57	CL/EC	
14	1861358.78	6631843.31	505.77	EC	
15	1861367.63	6631825.37	505.37	EC	



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



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

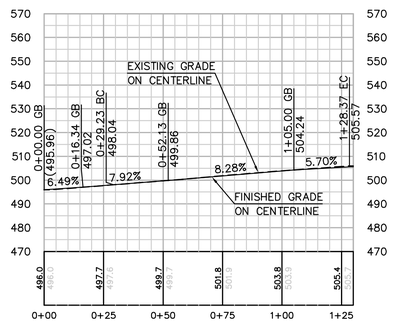
EARTH QUANTITIES:
CUT: 247 CY
FILL: 203 CY
NET: 44 CY

DISTURBED AREA:
ROAD: 2707 SF
PAD: 27453 SF
TOTAL: 30160 SF

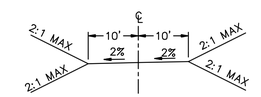
QUANTITIES:
RIP RAP: 50 SF
LENGTH OF ACCESS ROAD: 128 LF

TOWER P-301 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-301
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+0.00 TO 1+28.37

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B
SITE P-301

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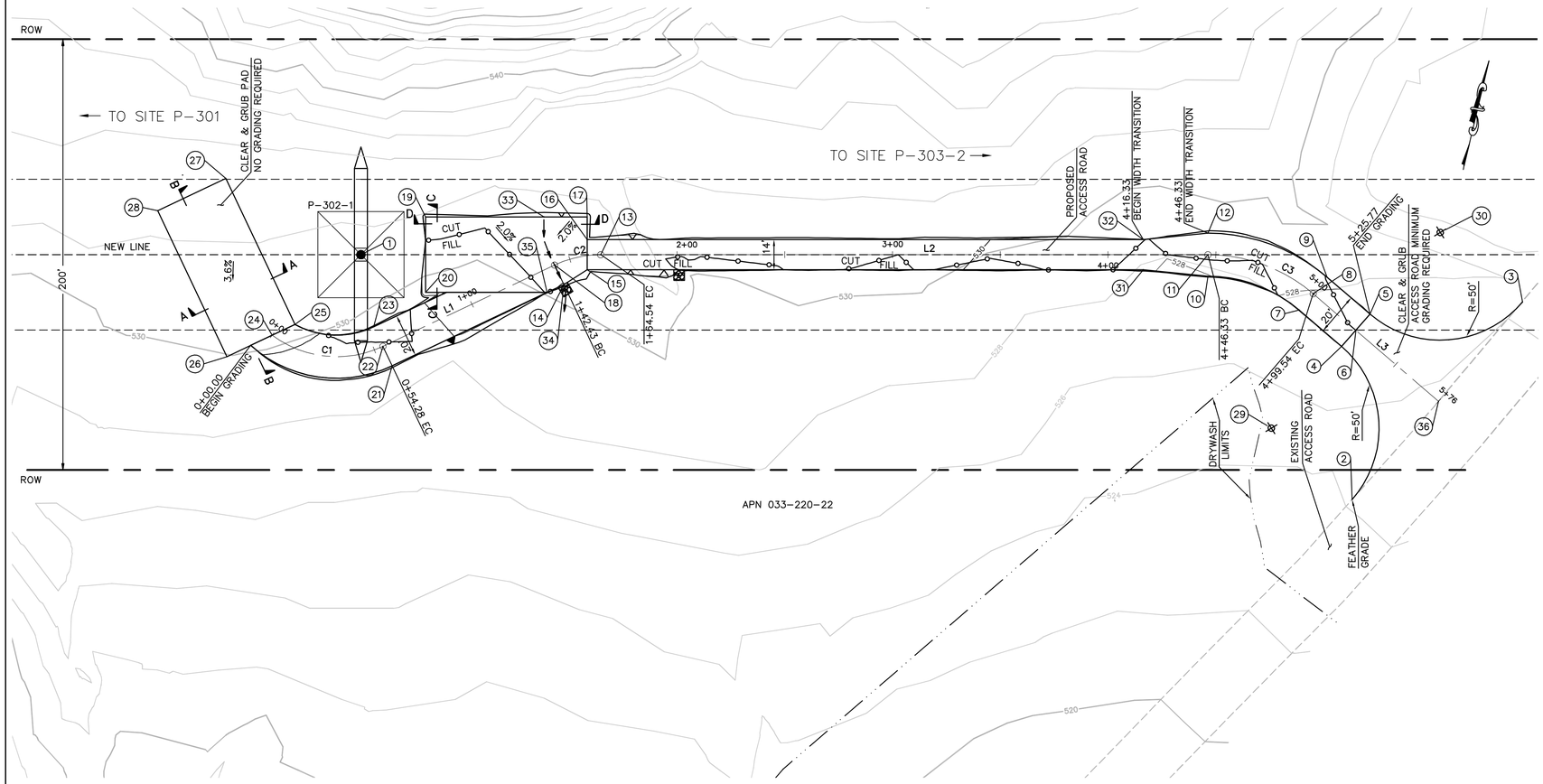
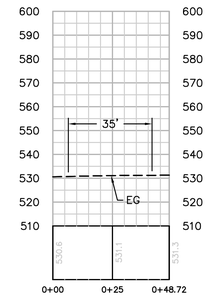
CAD NO.:	PLOT SCALE: 1 = 1				



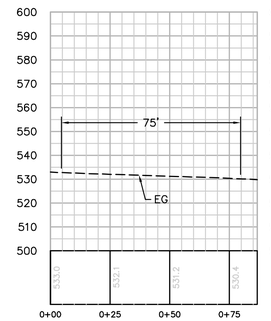
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-302-1	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1861808.91	6633355.68	(530.04)	P-302-1
2	1861804.57	6633829.47	(524.11)	EG
3	1861912.06	6633885.27	(526.08)	EG
4	1861872.57	6633808.30	(527.31)	EG
5	1861890.21	6633817.73	(527.47)	EG
6	1861881.49	6633813.07	(527.39)	CL/EG
7	1861884.47	6633785.26	527.75	EC
8	1861893.35	6633789.84	527.95	CL/EC
9	1861902.24	6633794.43	528.15	EC
10	1861889.95	6633740.43	527.98	BC
11	1861899.68	6633738.12	528.18	CL/BC
12	1861909.41	6633735.81	528.38	BC
13	1861834.61	6633463.95	530.68	CL/EC
14	1861817.14	6633450.51	530.00	FG
15	1861826.34	6633459.46	530.38	FG
16	1861839.97	6633456.23	530.68	FG
17	1861850.18	6633453.80	530.84	FG
18	1861824.98	6633444.24	530.18	CL/BC
19	1861832.86	6633380.83	531.30	FG
20	1861798.81	6633388.91	530.77	FG
21	1861762.07	6633381.69	528.97	FG
22	1861769.87	6633375.44	529.17	CL/EC
23	1861777.68	6633369.19	529.37	FG
24	1861763.05	6633324.24	(530.23)	CL/BC
25	1861770.38	6633333.38	(530.29)	EG
26	1861748.50	6633306.08	(529.94)	EG
27	1861828.92	6633286.51	(533.26)	EG
28	1861807.03	6633259.19	(532.50)	EG
29	1861828.14	6633785.37		RP
30	1861934.64	6633840.66		RP
31	1861885.94	6633710.55	528.14	FG
32	1861899.56	6633707.32	528.42	FG
33	1861845.57	6633434.34	530.58	FL
34	1861817.15	6633450.52	530.00	FL
35	1861811.85	6633443.84	530.03	FG
36	1861858.18	6633857.99	(525.62)	CL/EG

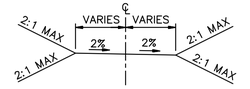
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	50.00	54.28	62°12'04"
C2	50.00	22.12	25°20'35"
C3	75.00	53.21	40°39'04"
L1		88.15	N51°18'19"E
L2		281.79	N76°38'54"E
L3		76.69	S62°42'02"E



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 5+76

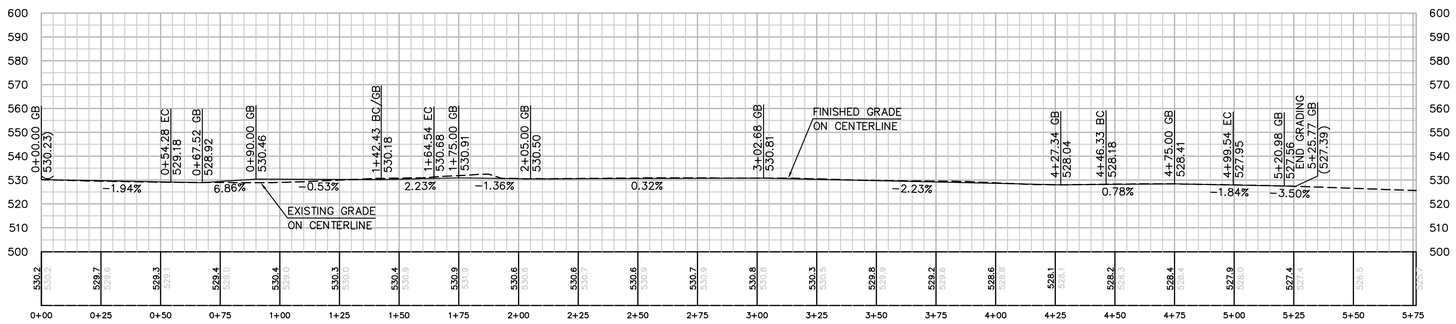
EARTH QUANTITIES:
CUT: 76 CY
FILL: 69 CY
NET: 7 CY

DISTURBED AREA:
PAD: 5,578 SF
ROAD: 8,433 SF
TOTAL: 14,011 SF

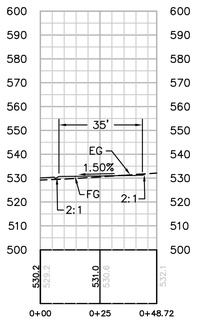
QUANTITIES:
RIP RAP: 50 SF
LENGTH OF ACCESS ROAD: 576 LF

TOWER P-302-1 PLAN
SCALE: 1" = 30'

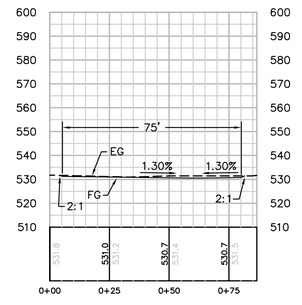
GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-302-1
HORIZ. & VERT. SCALE: 1" = 30'



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



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

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P302-1-S1.dwg Thu, 24-Jun-2010 09:11

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

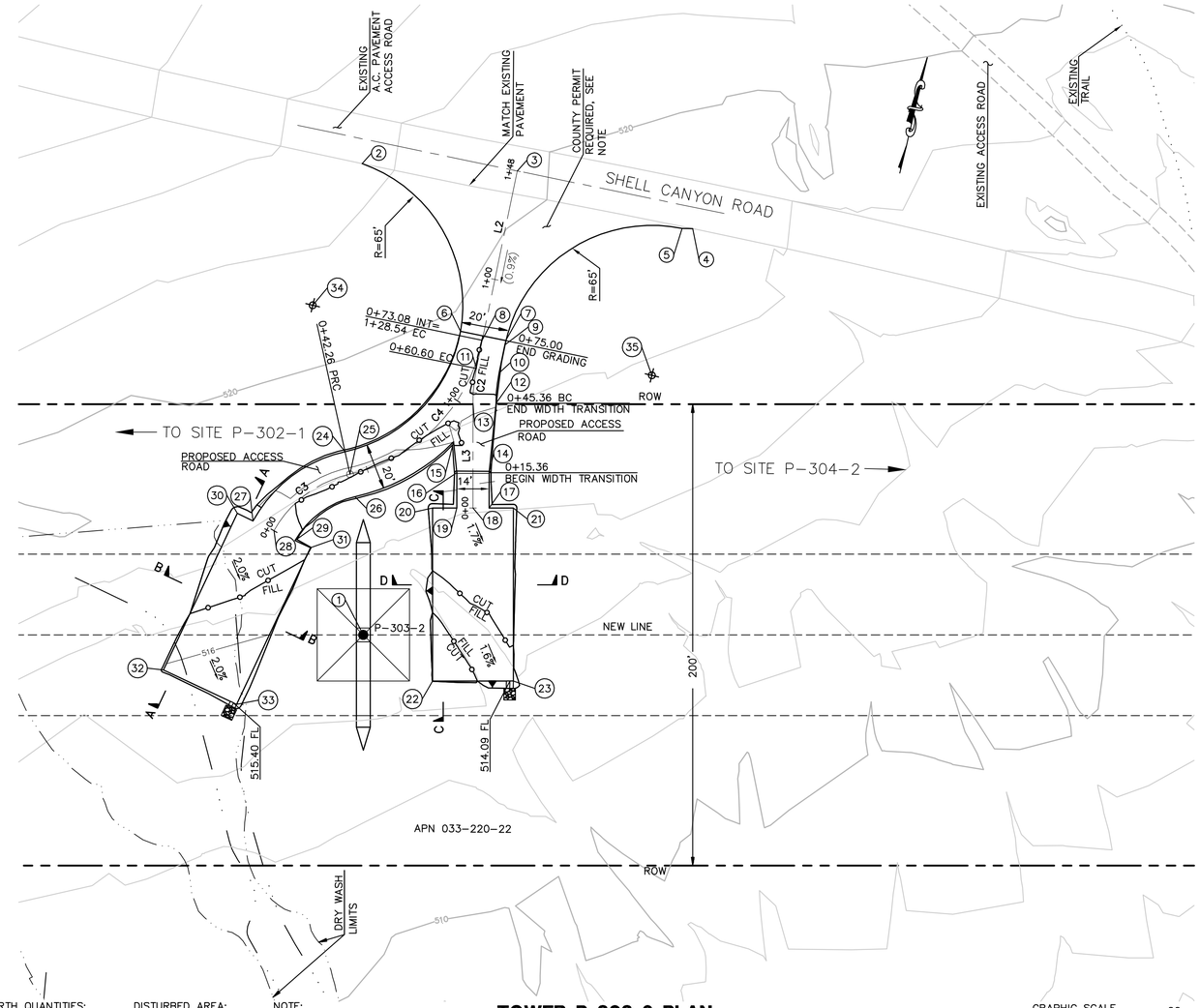
REVISIONS

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-10B (LINK 1)
SITE P-302-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P302-1-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-303-2	500 KV EXLD Lattice Dead End Tower	0.00	168.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	75.00	15.25	11°38'49"
C3	50.00	42.26	48°25'29"
C4	75.00	86.28	65°54'47"
L2		87.43	N1°42'17"W
L3		45.36	N13°21'06"W

NOTE:
FOR COUNTY PERMIT,.
SEE COUNTY OF IMPERIAL
ENCROACHMENT REQUIREMENTS
NOTES ON SHEET SPL-10B-002

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1862212.80	6635057.42	(515.97)	P-303-2
2	1862411.45	6635009.80	(522.60)	EG
3	1862423.90	6635075.87	(520.24)	EG
4	1862417.08	6635155.63	(518.82)	EG
5	1862416.13	6635151.13	(518.89)	EG
6	1862350.59	6635068.02	(519.64)	EG
7	1862351.19	6635088.06	(519.21)	EG
8	1862349.02	6635078.09	519.36	CL/EC/INT
9	1862349.23	6635088.09	519.16	BC
10	1862336.80	6635088.46	518.75	EC
11	1862336.50	6635078.47	518.95	CL/EC
12	1862323.72	6635090.19	518.10	BC
13	1862321.42	6635080.46	518.30	CL/BC
14	1862293.84	6635094.20	516.25	FG
15	1862303.34	6635076.18	517.99	FG
16	1862290.61	6635080.58	516.53	FG
17	1862278.90	6635097.75	515.35	FG
18	1862277.28	6635090.94	515.40	CL/FG
19	1862275.67	6635084.12	515.46	FG
20	1862273.24	6635073.91	515.54	FG
21	1862281.32	6635107.96	515.27	FG
22	1862200.27	6635091.23	514.41	FG
23	1862208.35	6635125.28	514.19	FG
24	1862288.26	6635031.41	518.14	PRC
25	1862279.26	6635035.76	517.94	CL/PRC
26	1862270.26	6635040.11	517.74	PRC
27	1862249.90	6634999.59	516.98	BC
28	1862247.84	6635009.40	516.85	CL/BC
29	1862245.78	6635019.22	516.72	BC
30	1862251.46	6634992.16	517.08	FG
31	1862244.27	6635026.41	516.63	FG
32	1862178.06	6634976.75	515.96	FG
33	1862170.87	6635011.01	515.50	FG
34	1862346.79	6635003.13		RP
35	1862351.16	6635153.06		RP

EARTH QUANTITIES:
CUT: 70 CY
FILL: 62 CY
NET: 8 CY

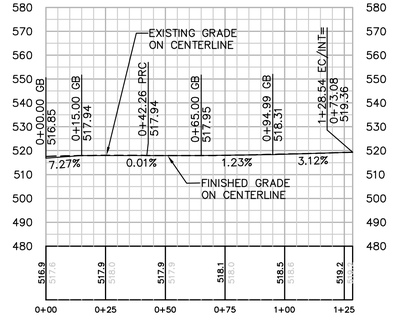
QUANTITIES:
RIP RAP: 50 SF
DOWNDRAIN: 5 LF

DISTURBED AREA:
PAD: 5,796 SF
ROAD: 6,497 SF
TOTAL: 12,293 SF

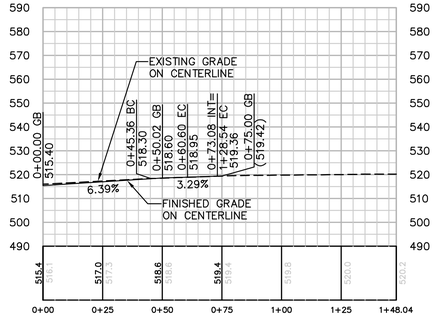
NOTE:
LENGTH OF ACCESS ROAD: 277 LF

TOWER P-303-2 PLAN
SCALE: 1" = 30'

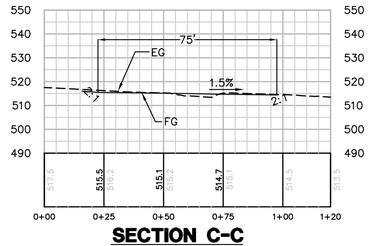
GRAPHIC SCALE
30 0 30 60
1"=30'



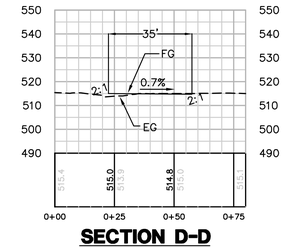
PROFILE: ACCESS ROAD TO TOWER P-303-2 (WEST)
HORIZ. & VERT. SCALE: 1" = 30'



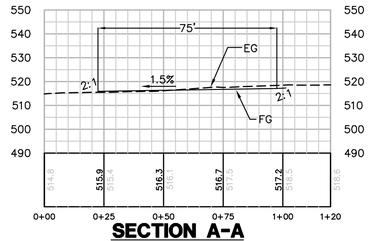
PROFILE: ACCESS ROAD TO TOWER P-303-2 (EAST)
HORIZ. & VERT. SCALE: 1" = 30'



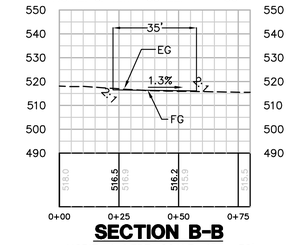
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



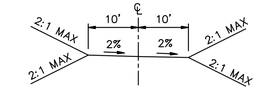
SECTION D-D
HORIZ. & VERT. SCALE: 1" = 30'



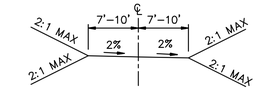
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+28.54



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+75.00

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REG. 29708
Exp. 3-31-17
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STATE OF CALIFORNIA

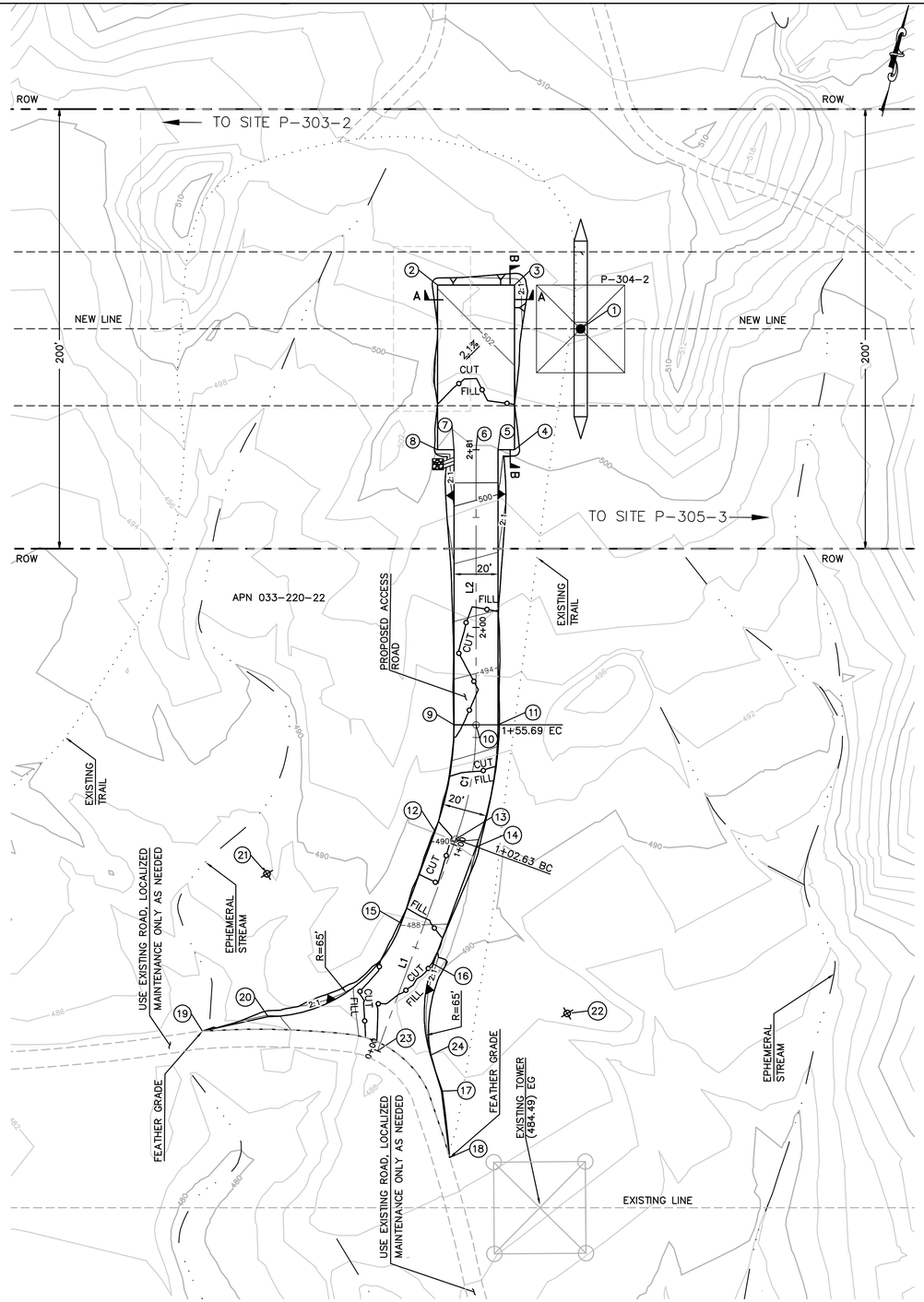
REVISIONS

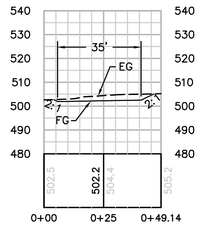
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

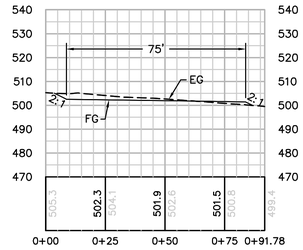
SPL-10B (LINK 1)
SITE P-303-2

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				10B-P303-2-S1
CAD NO.:	PLOT SCALE: 1 = 1				





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

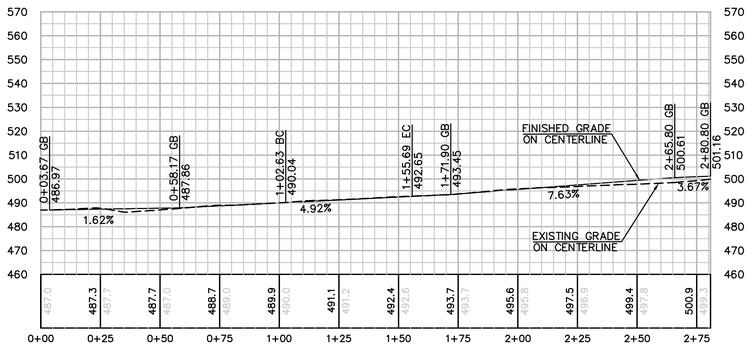


SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

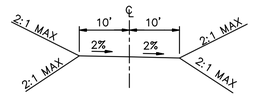
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-304-2	500 KV EXLD Lattice Dead-end Tower	0.00	168.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	150.00	53.06	20°16'00"
L1		102.63	N6°54'54"E
L2		125.11	N13°21'06"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1862577.67	6636594.73	(504.25)	P-304-2
2	1862582.12	6636526.87	502.02	FG
3	1862590.20	6636560.92	502.55	FG
4	1862517.23	6636578.24	501.42	FG
5	1862515.50	6636570.94	501.31	FG
6	1862513.19	6636561.21	501.16	CL
7	1862510.88	6636551.49	501.01	FG
8	1862509.15	6636544.19	500.90	FG
9	1862389.15	6636580.38	492.85	FG
10	1862391.46	6636590.11	492.65	CL/EC
11	1862393.77	6636599.84	492.45	FG
12	1862339.96	6636583.14	490.24	FG
13	1862338.76	6636593.07	490.04	CL/BC
14	1862337.56	6636603.00	489.84	FG
15	1862295.83	6636577.79	488.06	FG
16	1862281.20	6636596.16	487.28	FG
17	1862225.76	6636613.28	487.31	FG
18	1862197.19	6636623.88	(486.53)	EG
19	1862227.18	6636501.25	(483.40)	EG
20	1862240.54	6636528.80	483.69	FG
21	1862303.65	6636513.26		RP
22	1862273.37	6636660.69		RP
23	1862236.88	6636580.71	(487.03)	CL
24	1862240.43	6636604.65	487.85	FG



PROFILE: ACCESS ROAD TO TOWER P-304-2
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+80.80

EARTH QUANTITIES:
CUT: 138 CY
FILL: 122 CY
NET: 16 CY

DISTURBED AREA:
PAD: 3,158 SF
ROAD: 7,509 SF
TOTAL: 10,667 SF

NOTE
LENGTH OF ACCESS ROAD: 281 LF

QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 6 LF

TOWER P-304-2 PLAN
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-10B (LINK 1)
SITE P-304-2

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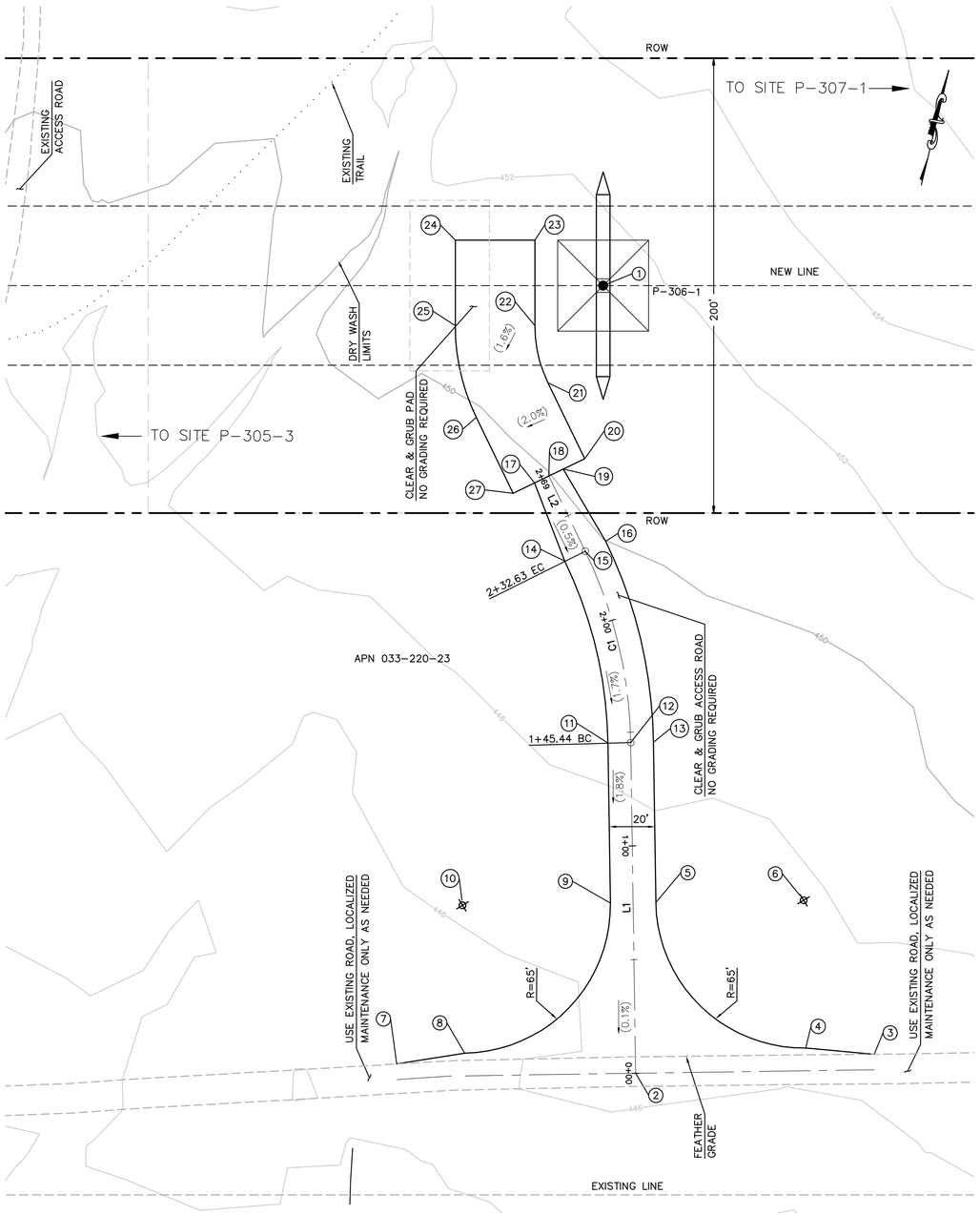
CHECKED BY:	DATE:		REV. 0
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		

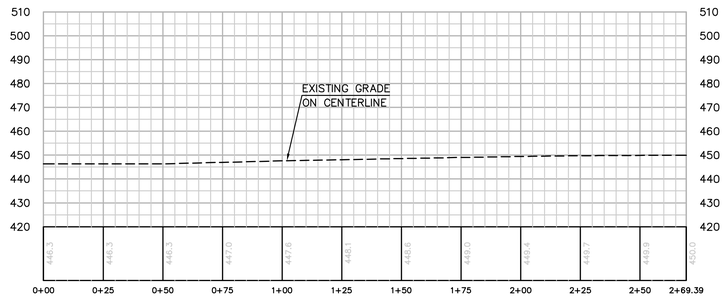
10B-P304-2-S1



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-306-1	500 KV EXTT Tangent Transposition Tower	0.00	169.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1863284.86	6639574.32	P-306-1/(452.46)
2	1862951.13	6639668.25	CL/EG
3	1862983.48	6639768.35	EG
4	1862979.24	6639738.50	BC
5	1863026.29	6639659.53	EC
6	1863042.25	6639722.54	RP
7	1862930.86	6639565.09	EG
8	1862942.42	6639593.09	BC
9	1863021.38	6639640.14	EC
10	1863005.43	6639577.13	RP
11	1863089.66	6639622.85	BC
12	1863092.12	6639632.55	CL/BC
13	1863094.57	6639642.24	BC
14	1863163.09	6639585.93	EC
15	1863169.40	6639593.68	CL/EC
16	1863175.72	6639601.43	EC
17	1863193.47	6639565.03	EG
18	1863197.89	6639570.45	CL/EG
19	1863202.32	6639575.88	EG
20	1863208.95	6639584.02	EG
21	1863237.68	6639560.59	EG
22	1863260.74	6639549.21	EG
23	1863297.39	6639540.51	EG
24	1863289.31	6639506.46	EG
25	1863252.65	6639515.16	EG
26	1863215.56	6639533.47	EG
27	1863186.83	6639556.89	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	200.00	87.20	24°58'50"
L1		145.44	N14°12'33.23"W
L2		36.76	N39°11'23.55"W



PROFILE: ACCESS ROAD TO TOWER P-306-1

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

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

DISTURBED AREA:
PAD: 3,800 SF
ROAD: 7,420 SF
TOTAL: 11,220 SF

NOTE:
LENGTH OF ACCESS ROAD: 269 LF

TOWER P-306-1 PLAN

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

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-306-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P306-1-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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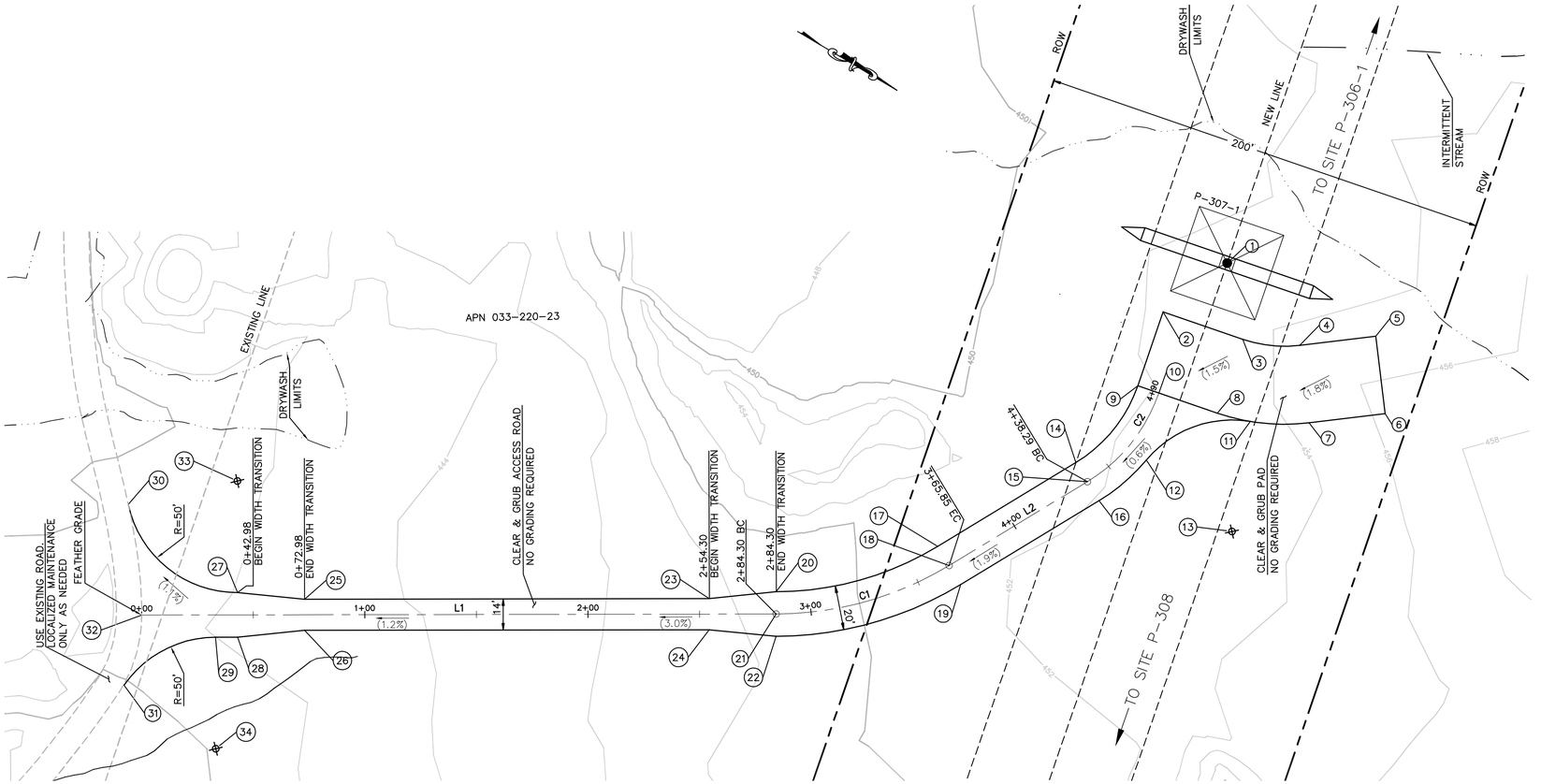


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-307-1	500 KV EXTT Tangent Transposition Tower	0.00	169.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	150.00	81.54	31°08'48"
C2	75.00	52.07	39°46'50"
L1		284.30	N32°25'28"W
L2		72.44	N63°34'16"W

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1863619.92	6640986.02	P-307-1 (453.19)
2	1863607.39	6641019.83	EG
3	1863644.04	6641011.13	EG
4	1863667.10	6640999.75	EG
5	1863693.68	6640978.05	EG
6	1863715.81	6641005.19	EG
7	1863689.22	6641026.87	EG
8	1863652.13	6641045.18	EG
9	1863615.47	6641053.88	EG
10	1863625.20	6641051.57	CL/EG
11	1863666.67	6641040.43	EC
12	1863636.50	6641079.99	BC
13	1863686.07	6641086.51	RP
14	1863610.43	6641097.82	BC
15	1863619.39	6641102.27	CL/BC
16	1863628.34	6641106.72	BC
17	1863578.19	6641162.69	EC
18	1863587.15	6641167.15	CL/EC
19	1863596.10	6641171.60	EC
20	1863527.89	6641218.56	BC

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
21	1863533.25	6641227.00	CL/BC
22	1863538.61	6641235.44	BC
23	1863504.17	6641237.17	EG
24	1863511.68	6641248.99	EG
25	1863351.12	6641334.40	EG
26	1863358.63	6641346.21	EG
27	1863324.19	6641347.95	EC
28	1863334.91	6641364.83	EG
29	1863326.57	6641370.13	EC
30	1863261.71	6641340.78	BC
31	1863303.43	6641410.22	BC
32	1863293.27	6641379.44	CL/EG
33	1863297.38	6641305.75	RP
34	1863353.38	6641412.34	RP

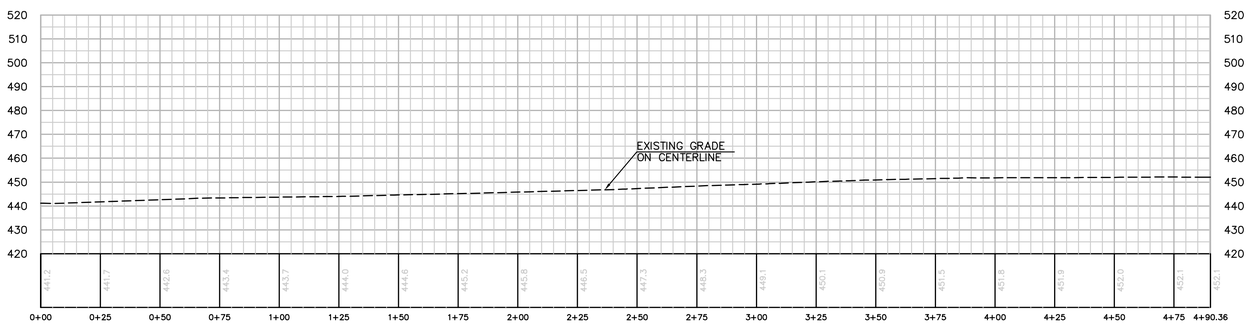
EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 3,704 SF
ROAD: 9,301 SF
TOTAL: 13,005 SF

NOTE:
LENGTH OF ACCESS ROAD: 490 LF

TOWER P-307-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-307-1
HORIZ. & VERT. SCALE: 1" = 30'

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

REVISIONS

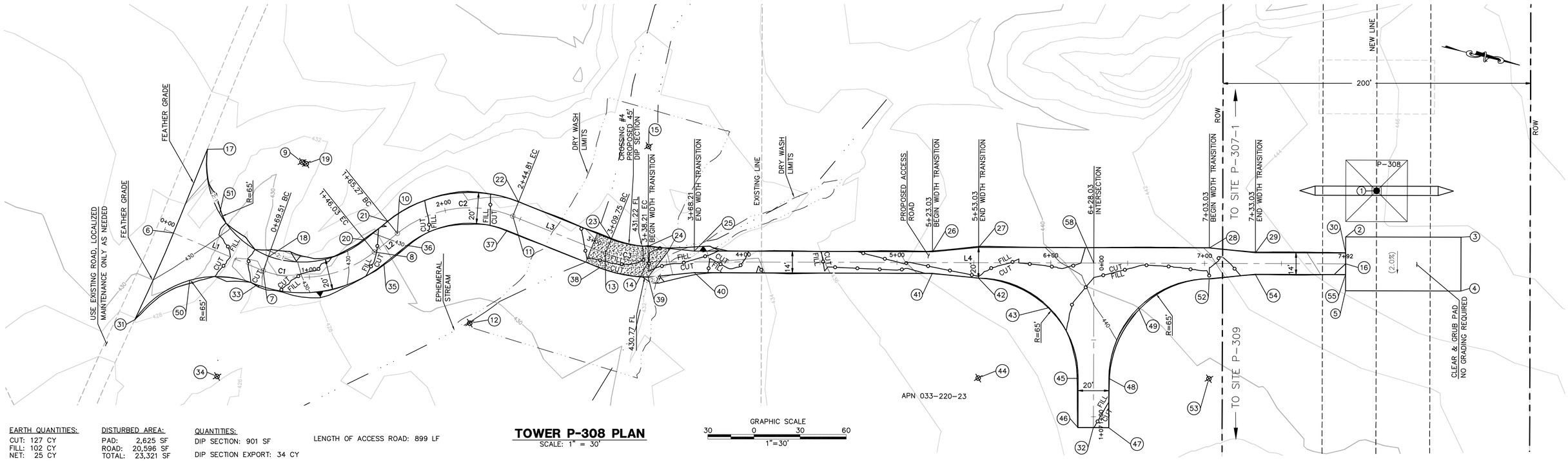
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-307-1

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

10B-P307-1-S1



EARTH QUANTITIES:
CUT: 127 CY
FILL: 102 CY
NET: 25 CY

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 20,596 SF
TOTAL: 23,321 SF

QUANTITIES:
DIP SECTION: 901 SF
DIP SECTION EXPORT: 34 CY

LENGTH OF ACCESS ROAD: 899 LF

TOWER P-308 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1863986.76	6642531.63	(445.42)	P-308
2	1863974.23	6642565.44	(445.12)	EG
3	1864047.20	6642548.12	(445.75)	EG
4	1864055.28	6642582.17	(445.31)	EG
5	1863982.31	6642599.49	(444.11)	EG
6	1863232.54	6642741.20	(431.42)	CL/EG
7	1863295.06	6642751.38	428.03	BC
8	1863362.41	6642722.59	429.56	EC
9	1863303.01	6642676.80		RP
10	1863374.16	6642707.35	430.22	BC
11	1863444.50	6642678.94	431.77	EC
12	1863433.56	6642753.14		RP
13	1863508.75	6642688.42	431.63	BC
14	1863537.02	6642687.19	430.94	EC

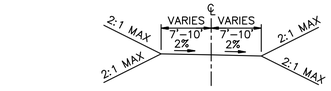
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
15	1863519.70	6642614.22		RP
16	1863978.27	6642582.46	(444.65)	CL/EG
17	1863241.28	6642683.10	(433.04)	BC
18	1863296.52	6642741.49	428.26	BC/EC
19	1863306.01	6642677.18		RP
20	1863354.49	6642716.48	429.76	EC
21	1863366.23	6642701.25	430.42	BC
22	1863445.96	6642669.05	431.97	EC
23	1863510.21	6642678.52	431.83	BC
24	1863534.71	6642677.46	431.14	EC
25	1863564.59	6642673.45	433.37	FG
26	1863715.22	6642637.70	438.48	FG
27	1863743.72	6642627.85	439.14	FG
28	1863889.66	6642593.22	442.07	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
29	1863919.55	6642589.21	442.95	FG
30	1863976.65	6642575.65	444.79	FG
31	1863221.25	6642801.84	(427.91)	BC
32	1863843.71	6642724.37	(438.77)	CL/EG
33	1863293.31	6642761.23	427.86	BC/EC
34	1863281.91	6642825.22		RP
35	1863370.33	6642728.69	429.36	EC
36	1863382.08	6642713.45	430.02	BC
37	1863443.04	6642688.83	431.57	EC
38	1863507.29	6642698.31	431.43	BC
39	1863539.32	6642696.92	430.74	EC
40	1863567.82	6642687.07	433.09	FG
41	1863718.45	6642651.32	438.20	FG
42	1863748.34	6642647.31	438.74	BC

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
43	1863797.45	6642655.22	438.90	FG
44	1863763.35	6642710.56		RP
45	1863826.59	6642695.55	439.06	EC
46	1863833.98	6642726.68	438.57	EG
47	1863853.44	6642722.06	438.97	EG
48	1863846.05	6642690.93	439.46	BC
49	1863853.96	6642641.81	440.54	FG
50	1863250.00	6642768.59	428.91	FG
51	1863258.79	6642721.86	430.65	FG
52	1863894.28	6642612.67	441.61	EC
53	1863909.29	6642675.92		RP
54	1863922.78	6642602.83	442.67	FG
55	1863979.88	6642589.27	444.51	FG
58	1863819.00	6642620.26	440.42	CL/INT

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-308	500 KV EXMT Lattice Tangent Tower	0.00	160.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	76.52	58°27'23"
C2	75.00	79.55	60°46'06"
C3	75.00	28.46	21°44'37"
L1		69.51	N9°14'46"E
L2		19.24	N52°22'35"W
L3		64.94	N8°23'31"E
L4		453.51	N13°21'06"W



TYPICAL ACCESS ROAD CROSS SECTION
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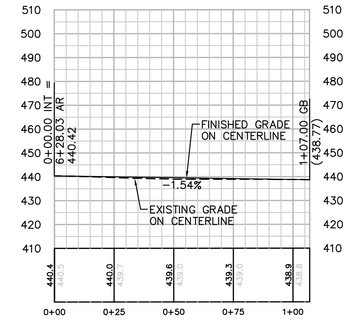
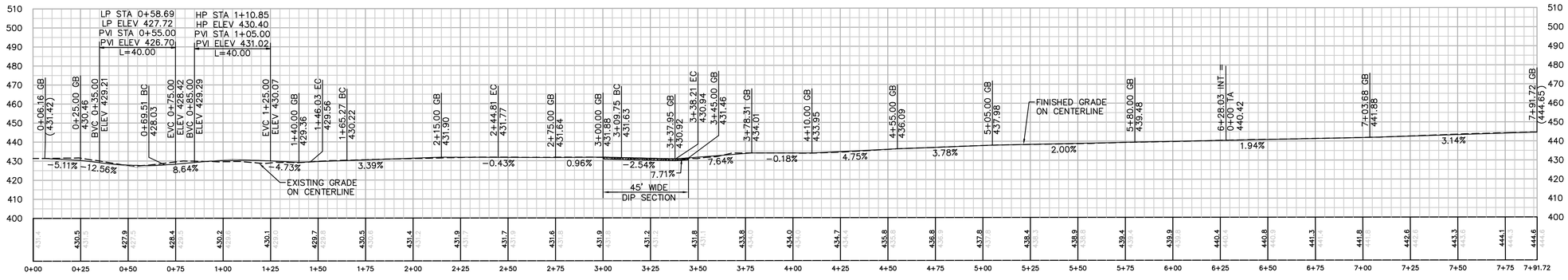
STA 0+00.00 TO 1+07.00



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



PROFILE: ACCESS ROAD TO TOWER P-308
HORIZ. & VERT. SCALE: 1" = 30'

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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-10B (LINK 1)
SITE P-308

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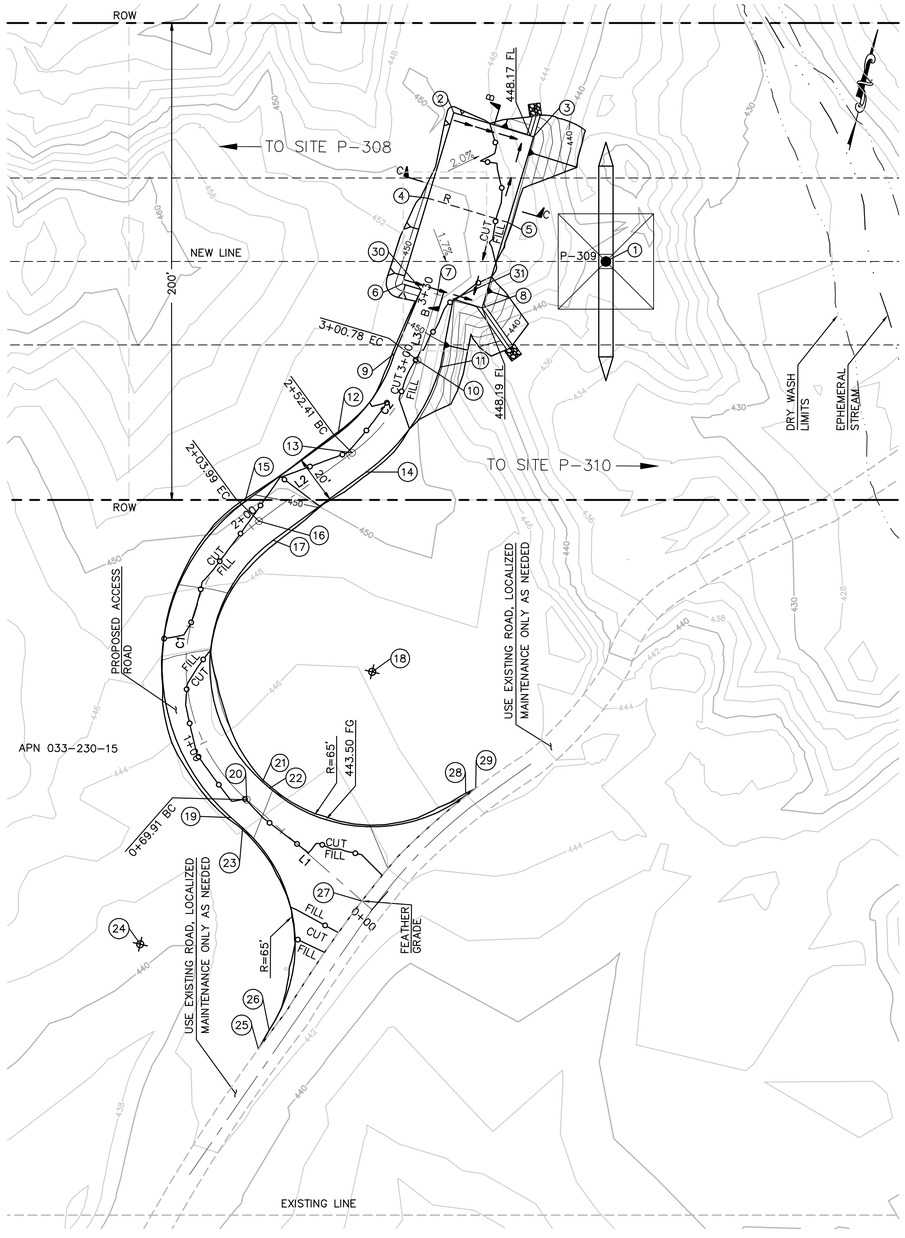
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

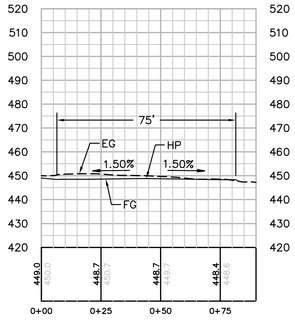
10B-P308-S1



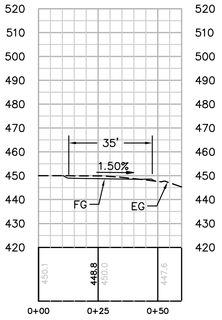
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-309	500 KV EXMT Lattice Tangent Tower	0.00	166.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1864219.40	6643511.84	(439.60)	P-309
2	1864265.43	6643435.38	448.57	FG
3	1864263.34	6643470.32	448.20	FG
4	1864228.00	6643433.14	449.08	FG
5	1864225.91	6643468.08	448.71	FG
6	1864190.56	6643430.90	448.59	FG
7	1864189.65	6643446.27	448.35	CL/FG
8	1864188.48	6643465.84	448.20	FG
9	1864161.51	6643434.57	449.41	EC
10	1864160.91	6643444.55	449.21	CL/EC
11	1864160.32	6643454.53	449.01	EC
12	1864123.29	6643419.21	450.86	BC
13	1864116.81	6643426.83	450.66	CL/BC
14	1864110.33	6643434.44	450.46	BC
15	1864086.40	6643387.84	449.89	EC
16	1864079.92	6643395.46	449.69	CL/EC
17	1864073.44	6643403.08	449.49	EC
18	1864029.41	6643456.23		RP
19	1863956.25	6643412.76	444.20	BC
20	1863965.08	6643417.45	444.50	CL/BC
21	1863973.92	6643422.14	444.63	BC
22	1863971.99	6643425.77	444.42	EC
23	1863953.24	6643418.44	444.05	EC
24	1863895.82	6643387.98		RP
25	1863864.48	6643446.31	(442.47)	EG
26	1863873.22	6643448.92	(442.54)	BC
27	1863934.94	6643474.26	(443.48)	CL/EG
28	1863988.93	6643506.14	(446.12)	BC
29	1863991.80	6643509.73	(446.10)	EG
30	1864190.06	6643439.28	448.65	FG
31	1864189.23	6643453.26	448.34	FG

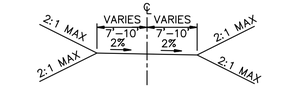
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	134.07	102°25'32"
C2	75.00	48.37	36°57'06"
L1		69.91	N62°03'12"W
L2		48.42	N40°22'20"E
L3		28.78	N3°25'13"E



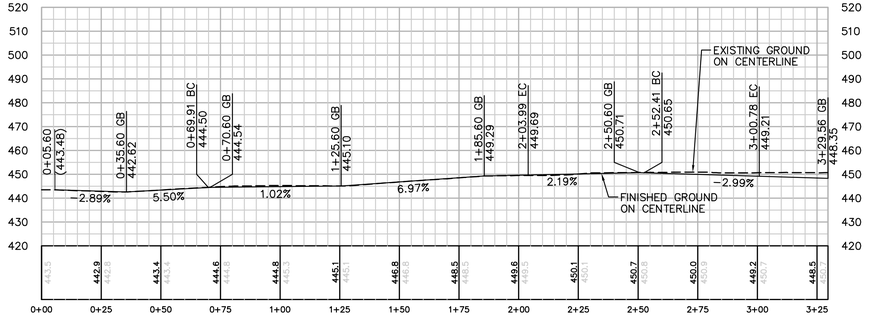
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+05.60 TO 3+29.56



PROFILE: ACCESS ROAD TO TOWER P-309
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 137 CY
FILL: 116 CY
NET: 21 CY

DISTURBED AREA:
PAD: 4,257 SF
ROAD: 8,856 SF
TOTAL: 13,113 SF

QUANTITIES:
DOWN DRAIN: 30 LF
RIP RAP: 50 SF

LENGTH OF ACCESS ROAD: 324 LF

TOWER P-309 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RPE 29706
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-10B (LINK 1)
SITE P-309

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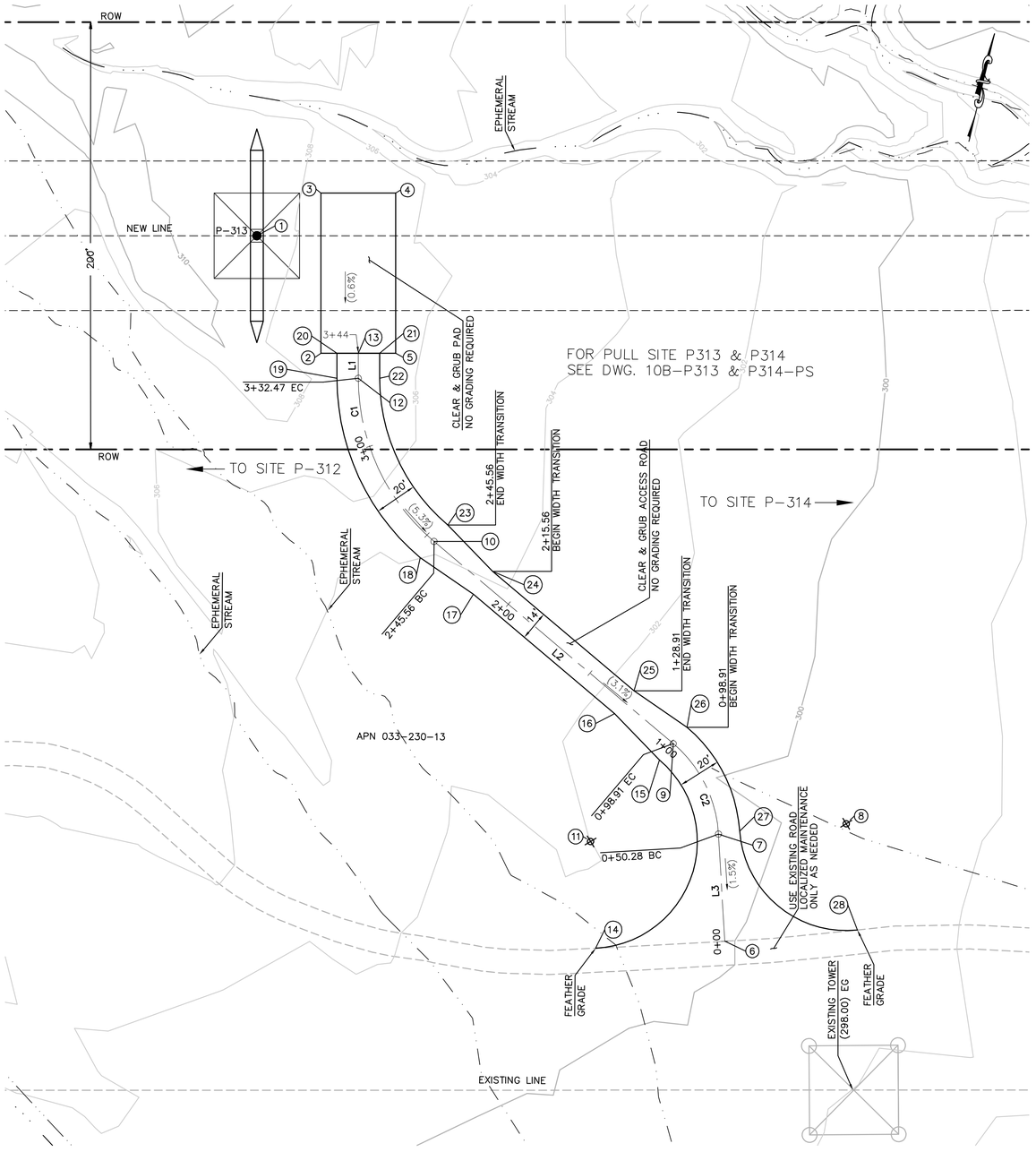
CAD NO.:	PLOT SCALE: 1 = 1			

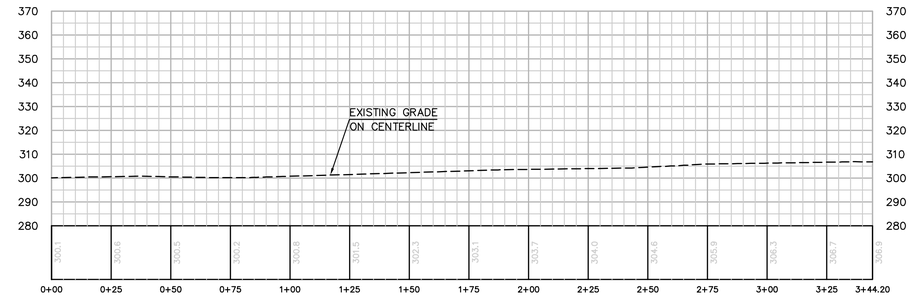


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-313	500 KV EXMT Lattice Tangent Tower	0.00	157.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1865613.81	6649386.92	P-313 (308.160)
2	1865567.23	6649428.80	EG
3	1865640.20	6649411.48	EG
4	1865648.28	6649445.54	EG
5	1865575.31	6649462.86	EG
6	1865343.04	6649676.31	CL
7	1865391.19	6649661.86	CL/EC
8	1865409.68	6649718.95	RP
9	1865427.48	6649631.50	CL/EC
10	1865493.73	6649500.66	CL/BC
11	1865373.95	6649604.39	RP
12	1865559.85	6649448.54	CL/EC
13	1865571.27	6649445.83	CL/EG
14	1865325.90	6649618.23	BC
15	1865418.56	6649626.98	EC
16	1865434.79	6649601.57	EG
17	1865473.93	6649524.27	EG
18	1865484.81	6649496.15	BC
19	1865557.54	6649438.81	EC
20	1865568.96	6649436.10	EG

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
21	1865573.58	6649455.56	EG
22	1865562.16	6649458.27	EC
23	1865502.65	6649505.18	BC
24	1865486.42	6649530.59	EG
25	1865447.28	6649607.90	EG
26	1865436.40	6649636.02	EC
27	1865394.79	6649671.22	PRC
28	1865362.50	6649735.52	EC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		11.74	N13°21'06"W
C1	100.00	86.90	49°47'33"
L2		146.65	N63°08'39"W
C2	60.00	48.64	46°26'38"
L3		50.28	N16°42'01"W



PROFILE: ACCESS ROAD TO TOWER P-313

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 7,314 SF
TOTAL: 9,939 SF

NOTE:
LENGTH OF ACCESS ROAD: 344 LF

TOWER P-313 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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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-10B (LINK 1)
SITE P-313

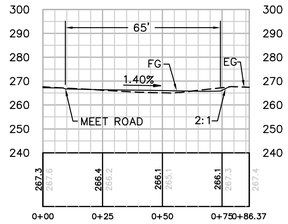
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P313-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

TOWER P-316-2 PLAN
SCALE: 1" = 30'

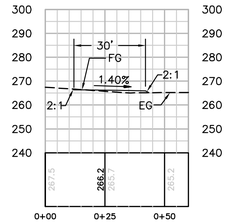
GRAPHIC SCALE
30 0 30 60
1"=30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-316-2	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866535.17	6653268.88	(267.04)	P-316-2
2	1866589.08	6653351.17	266.81	FG
3	1866593.10	6653348.45	266.84	FG
4	1866556.69	6653294.60	266.06	FG
5	1866531.84	6653311.41	265.70	FG
6	1866568.24	6653365.26	266.65	FG
7	1866570.47	6653363.75	266.67	FG
8	1866553.11	6653407.49	(267.30)	EG
9	1866629.85	6653356.21	(267.92)	EG
10	1866612.13	6653331.97		RP
11	1866531.73	6653373.74		RP



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



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

EARTH QUANTITIES:
CUT: 44 CY.
FILL: 22 CY.
NET: 22 CY.

DISTURBED AREA:
PAD: 2,259 SF
ROAD: 1,260 SF
TOTAL: 3,519 SF

QUANTITIES:
RIP RAP: 25 SF
LENGTH OF ACCESS ROAD: 28 LF

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P316-S1.dwg[May-24-2010]0:36

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
ROE 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-10B (LINK 1)
SITE P-316-2

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P316-2-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-318-1	500 KV EXMT Lattice Tangent Tower	0.00	142.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867224.83	6656174.63	(257.53)	P-318-1
2	1866618.64	6656256.71	(245.02)	EG
3	1866650.25	6656478.93	(242.12)	EG
4	1866646.39	6656448.89	242.77	FG
5	1866624.20	6656286.44	244.54	FG
6	1866704.16	6656347.03	245.28	FG
7	1866694.44	6656369.89	244.53	FG
8	1866734.04	6656343.02	245.79	FG
9	1866708.78	6656366.49	245.22	FG
10	1866737.27	6656356.64	245.43	FG
11	1866916.73	6656299.47	247.10	FG
12	1866916.67	6656314.06	246.63	FG
13	1866942.25	6656292.04	247.58	FG
14	1866943.77	6656300.42	247.74	CL/BC
15	1866946.21	6656308.58	247.83	FG
16	1866995.29	6656282.04	249.39	CL/EC
17	1866991.57	6656274.39	249.22	FG
18	1866999.01	6656289.68	249.56	FG
19	1867050.54	6656245.74	251.20	FG
20	1867054.25	6656253.38	251.37	CL/BC
21	1867057.97	6656261.03	251.54	FG
22	1867095.31	6656228.90	252.59	FG
23	1867097.55	6656237.10	252.76	CL/EC
24	1867099.79	6656245.30	252.93	FG
25	1867121.21	6656221.82	253.40	FG
26	1867123.33	6656230.05	253.57	CL/FG
27	1867125.46	6656238.28	253.65	FG
28	1867137.22	6656244.73	253.95	FG
29	1867190.73	6656232.03	254.55	FG
30	1867198.15	6656219.99	254.48	FG
31	1867194.69	6656205.40	254.23	FG
32	1867182.65	6656197.98	253.95	FG
33	1867129.14	6656210.68	253.35	FG
34	1866709.45	6656433.13		RP
35	1866689.15	6656283.78		RP
36	1866625.23	6656367.78	(243.50)	CL/EG
37	1866698.87	6656358.15	244.93	CL/BC
38	1866706.47	6656356.76	245.08	CL/EC

EARTH QUANTITIES:
CUT: 478 CY
FILL: 415 CY
NET: 63 CY

DISTURBED AREA:
PAD: 6,989 SF
ROAD: 19,027 SF
TOTAL: 26,016 SF

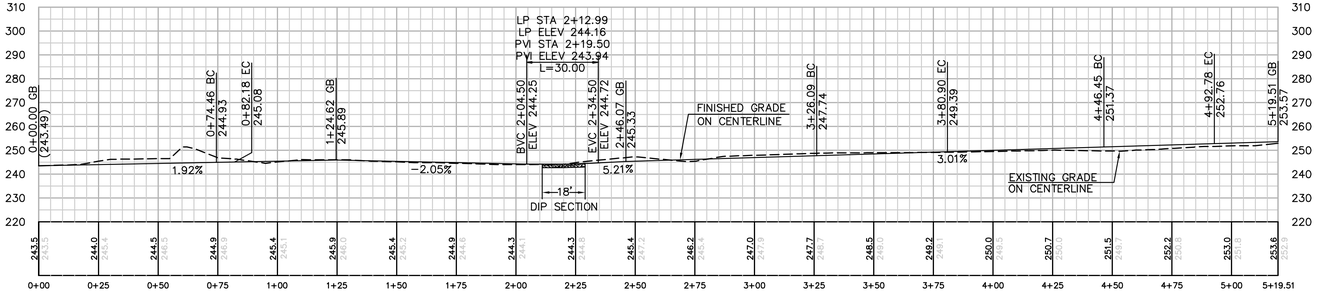
QUANTITIES:
DIP SECTION: 738 SF
RIP RAP: 25 SF
DOWN DRAIN: 4 LF

DIP SECTION EXPORT: 27 CY

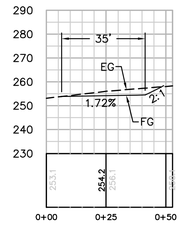
LENGTH OF ACCESS ROAD: 520 LF

TOWER P-318-1 PLAN
SCALE: 1" = 30'

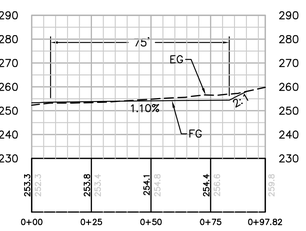
GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-318-1
H&V SCALE: 1" = 30'

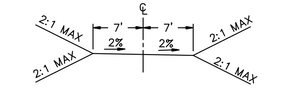


SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'

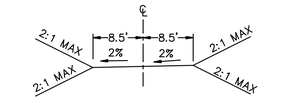


SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	7.72	5°54'02"
C2	250.00	54.81	12°33'42"
C3	250.00	46.33	10°37'01"
L1		74.46	N7°27'03"W
L2		243.90	N13°21'20"W
L3		65.55	N25°55'03"W
L4		26.73	N15°18'01"W



TYPICAL ACCESS ROAD CROSS SECTION
STA 1+12.20 TO 2+96.50



TYPICAL ACCESS ROAD CROSS SECTION
STA 3+26.09 BC TO 5+19.51

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

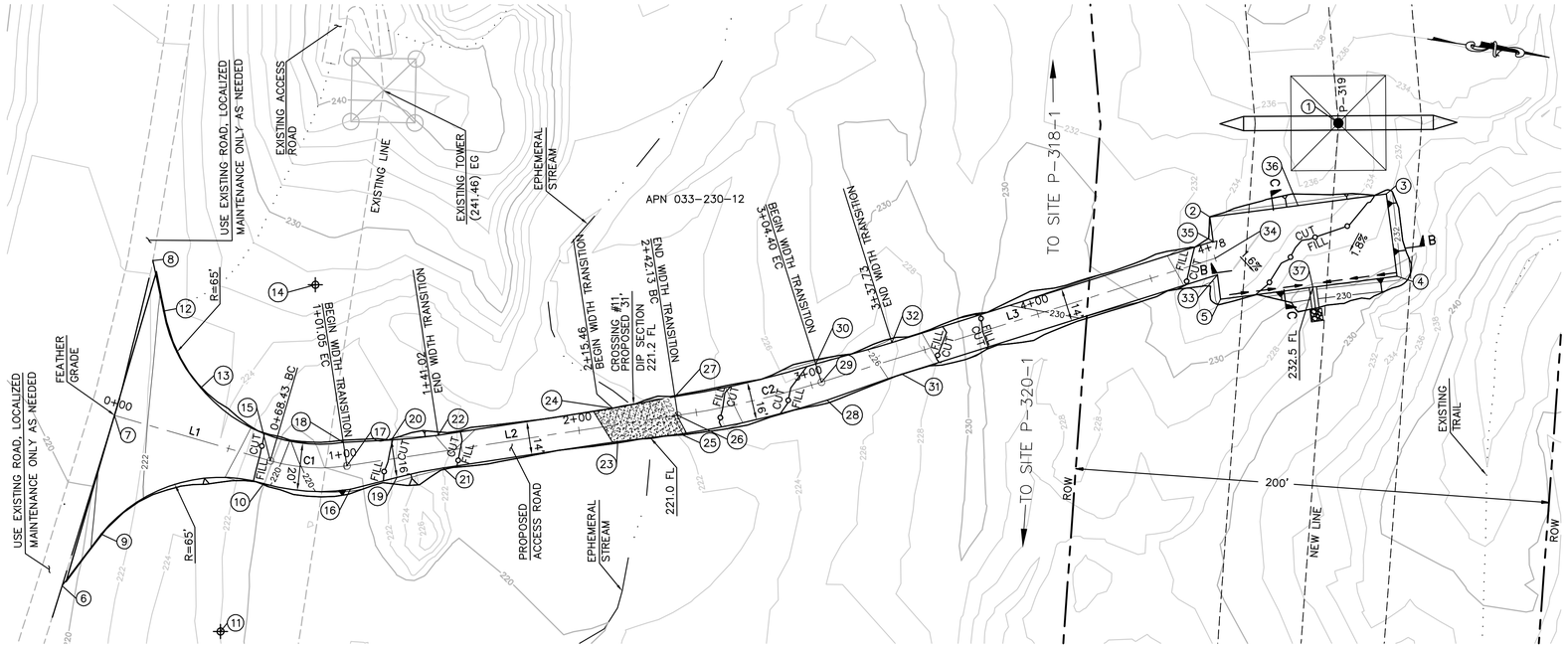
REVISIONS

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-10B (LINK 1)
SITE P-318-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				10B-P318-1-S1
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-319	500 KV EXMA Lattice Angle Tower	8.91	142.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867499.87	6657333.45	(236.35)	P-319
2	1867452.18	6657380.70	233.34	FG
3	1867524.27	6657360.00	233.33	FG
4	1867533.93	6657393.64	232.87	FG
5	1867461.83	6657414.34	232.91	FG
6	1866996.76	6657606.38	(219.30)	EG
7	1867007.96	6657532.03	(220.49)	EG
8	1867014.25	6657465.04	(222.12)	EG
9	1867009.78	6657582.40	220.39	BC
10	1867074.42	6657551.12	220.30	EC
11	1867065.70	6657615.53		RP
12	1867021.84	6657485.47	222.23	BC
13	1867042.23	6657515.19	223.46	PCC
14	1867083.53	6657465.00		RP
15	1867075.77	6657541.21	220.50	CL/BC
16	1867110.98	6657548.08	220.42	EC
17	1867108.02	6657538.53	220.62	CL/EC
18	1867105.06	6657528.98	220.82	EC
19	1867129.56	6657540.22	221.10	FG
20	1867124.83	6657524.95	221.42	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1867148.28	6657533.39	221.76	FG
22	1867144.13	6657520.01	222.04	FG
23	1867219.41	6657511.47	220.97	FG
24	1867215.20	6657497.88	221.25	FG
25	1867245.15	6657504.43	221.94	BC
26	1867242.78	6657496.78	222.10	CL/BC
27	1867240.42	6657489.14	222.26	BC
28	1867304.13	6657481.06	225.10	EC
29	1867300.62	6657473.87	225.26	CL/EC
30	1867297.11	6657466.68	225.42	EC
31	1867333.64	6657465.53	226.15	FG
32	1867327.50	6657452.95	226.43	FG
33	1867458.97	6657404.35	233.04	FG
34	1867457.01	6657397.52	233.16	CL/FG
35	1867455.05	6657390.69	233.20	FG
36	1867488.23	6657370.35	233.33	FL
37	1867499.50	6657403.53	232.52	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	32.62	24°55'18"
C2	405.00	62.27	8°48'34"
L1		68.43	N7°42'38"E
L2		141.08	N17°12'40"W
L3		174.03	N26°01'14"W

EARTH QUANTITIES:
CUT: 180 CY
FILL: 151 CY
NET: 29 CY

DISTURBED AREA:
PAD: 3,636 SF
ROAD: 11,714 SF
TOTAL: 15,350 SF

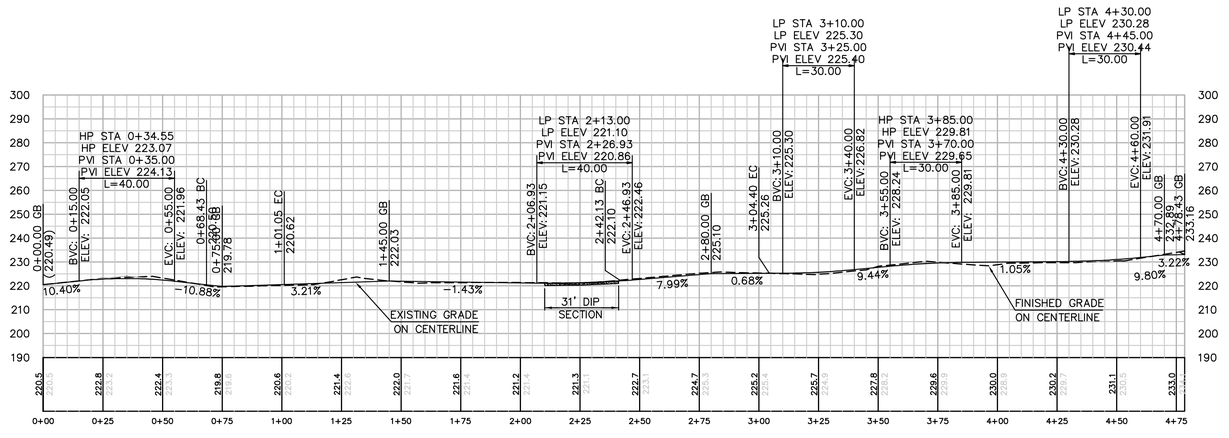
QUANTITIES:
DIP SECTION: 472 SF
RIP RAP: 25 SF
DOWN DRAIN: 9 LF

NOTE:
LENGTH OF ACCESS ROAD: 478 LF

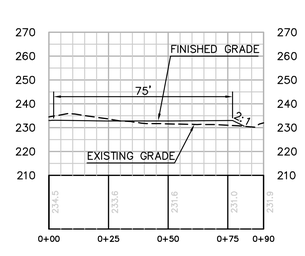
DIP SECTION EXPORT: 18 CY

TOWER P-319 PLAN
SCALE: 1" = 30'

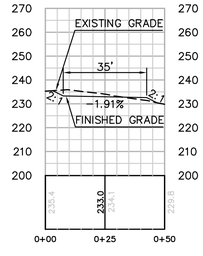
GRAPHIC SCALE
30 0 30 60
1"=30'



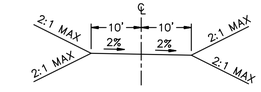
PROFILE: ACCESS ROAD TO TOWER P-319
HORIZ. & VERT. SCALE: 1" = 30'



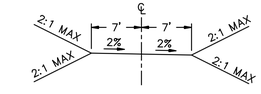
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



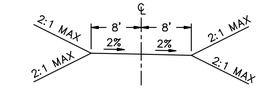
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+01.05 EC



TYPICAL ACCESS ROAD CROSS SECTION
STA 1+41.02 TO 2+15.46 &
STA 3+37.73 TO 4+78.43



TYPICAL ACCESS ROAD CROSS SECTION
STA 2+42.13 BC TO 3+04.40 EC

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

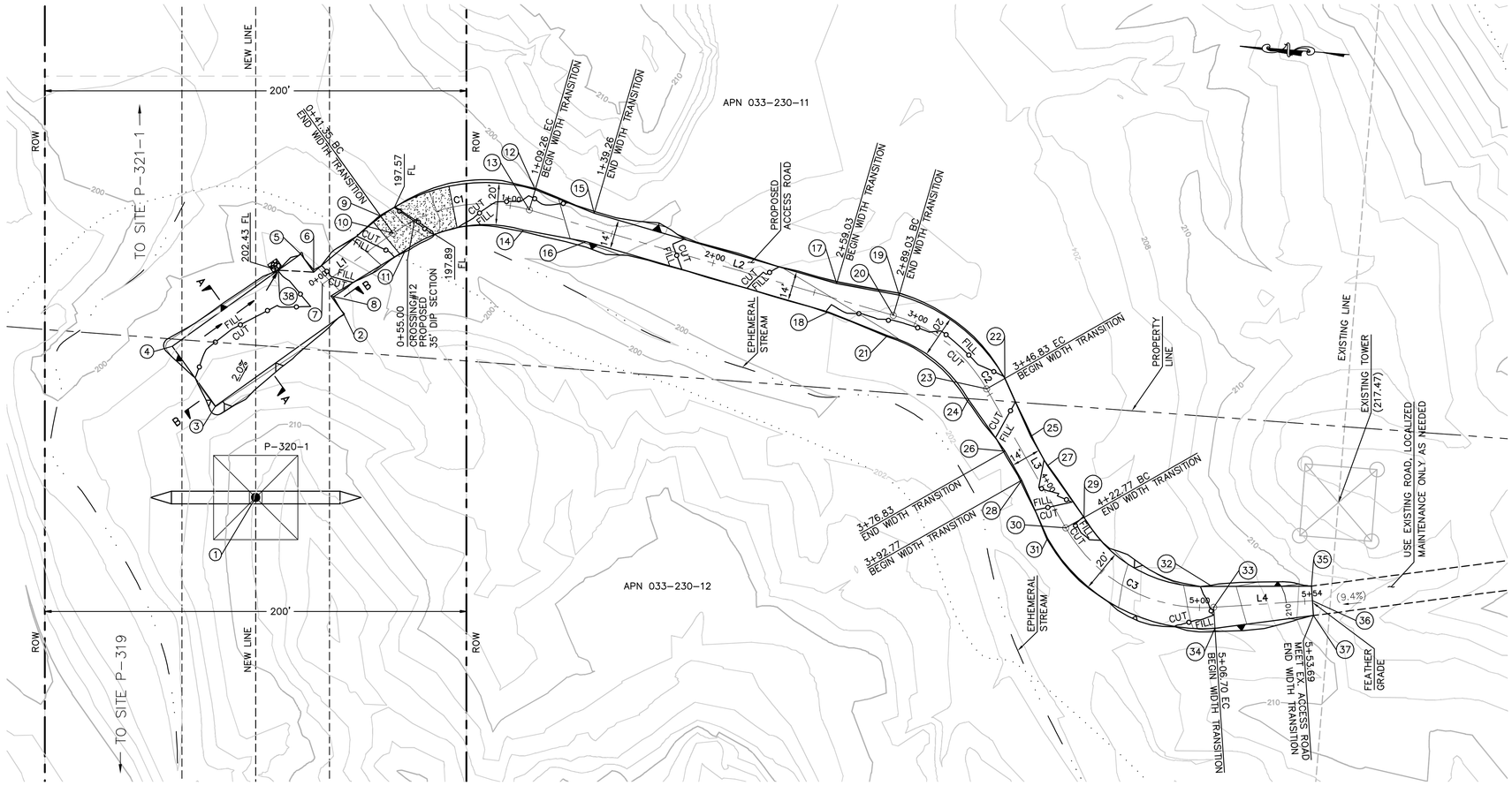
REVISIONS

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-10B (LINK 1)
SITE P-319

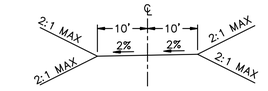
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				10B-P319-S1
CAD NO.:	PLOT SCALE: 1 = 1				



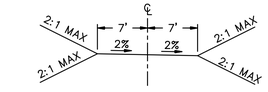
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-320-1	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867607.54	6658720.22	(211.36)	P-320-1
2	1867572.57	6658810.28	202.49	FG
3	1867629.87	6658761.97	203.85	FG
4	1867652.49	6658788.67	203.55	FG
5	1867595.14	6658837.03	202.50	FG
6	1867588.37	6658829.01	202.28	FG
7	1867583.85	6658823.66	202.34	CL/FG
8	1867579.34	6658818.31	202.40	FG
9	1867558.69	6658857.96	198.42	BC
10	1867552.24	6658850.31	198.62	CL/BC
11	1867545.80	6658842.67	198.82	BC
12	1867486.60	6658876.20	199.65	EC
13	1867488.63	6658866.41	199.45	CL/EC
14	1867490.67	6658856.62	199.25	EC
15	1867457.84	6658867.15	200.53	FG
16	1867460.68	6658853.45	200.25	FG
17	1867340.57	6658842.78	202.14	FG
18	1867343.42	6658829.07	201.86	FG
19	1867310.59	6658839.61	202.36	BC
20	1867312.63	6658829.82	202.16	CL/BC
21	1867314.66	6658820.03	201.96	BC
22	1867257.51	6658804.05	202.67	EC
23	1867265.79	6658798.44	202.47	CL/EC
24	1867274.07	6658792.84	202.27	EC
25	1867243.17	6658777.53	202.77	FG
26	1867254.76	6658769.68	202.49	FG
27	1867234.23	6658764.32	202.86	FG
28	1867245.82	6658756.47	202.58	FG
29	1867214.93	6658741.16	203.08	BC
30	1867223.21	6658735.56	202.88	CL/BC
31	1867231.49	6658729.95	202.68	BC
32	1867151.81	6658713.27	206.96	EC
33	1867150.39	6658703.38	206.76	CL/EC
34	1867148.96	6658693.48	206.56	EC
35	1867104.88	6658717.02	(210.81)	EG
36	1867103.86	6658710.10	(211.16)	CL/EG
37	1867102.88	6658703.16	(211.51)	EG
38	1867605.18	6658828.56	202.43	FL

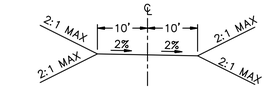
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	67.91	51°52'50"
C2	75.00	57.80	44°09'18"
C3	75.00	83.92	64°06'49"
L1		41.35	S40°08'19"E
L2		179.77	S11°44'32"W
L3		75.95	S55°53'50"W
L4		47.01	S8°12'59"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+41.35 BC TO 0+85.00



TYPICAL ACCESS ROAD CROSS SECTION
STA 1+39.26 TO 2+59.03
STA 3+76.83 TO 3+92.77



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+95.00 TO 1+09.26 EC
STA 2+89.03 BC TO 3+46.83 EC
STA 4+22.77 BC TO 5+06.70

EARTH QUANTITIES:
CUT: 117 CY
FILL: 102 CY
NET: 15 CY

DISTURBED AREA:
PAD: 3,121 SF
ROAD: 10,556 SF
TOTAL: 13,677 SF

QUANTITIES:
RIP RAP: 25 SF
DIP SECTION: 700 SF

LENGTH OF ACCESS ROAD: 554 LF

DIP SECTION EXPORT: 26 CY

TOWER P-320-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
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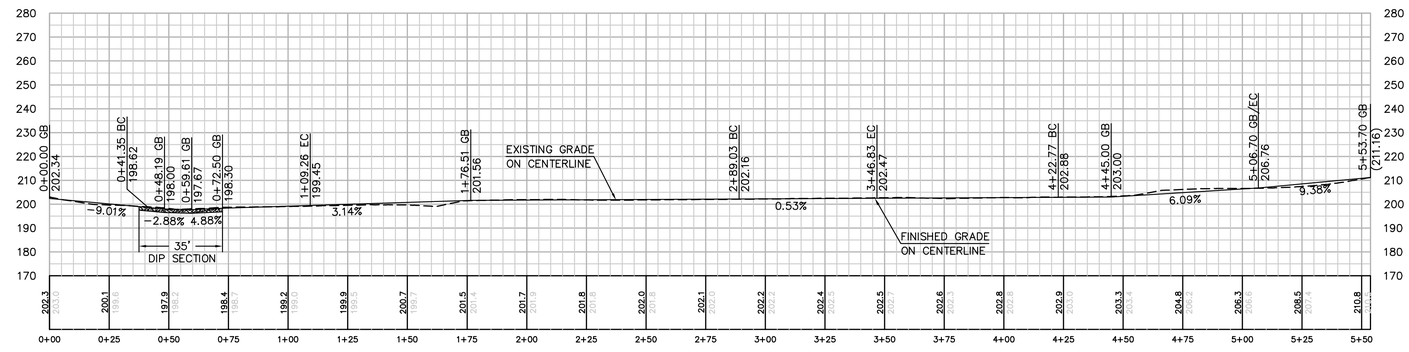
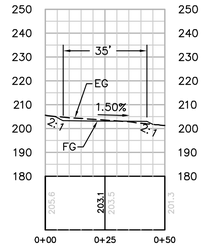
1"=30'



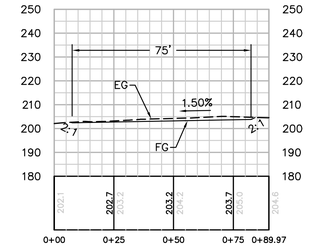
PROFILE: ACCESS ROAD TO TOWER P-320-1

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



SECTION A-A

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



SECTION B-B

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

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
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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-10B
SITE P-320-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P320-1-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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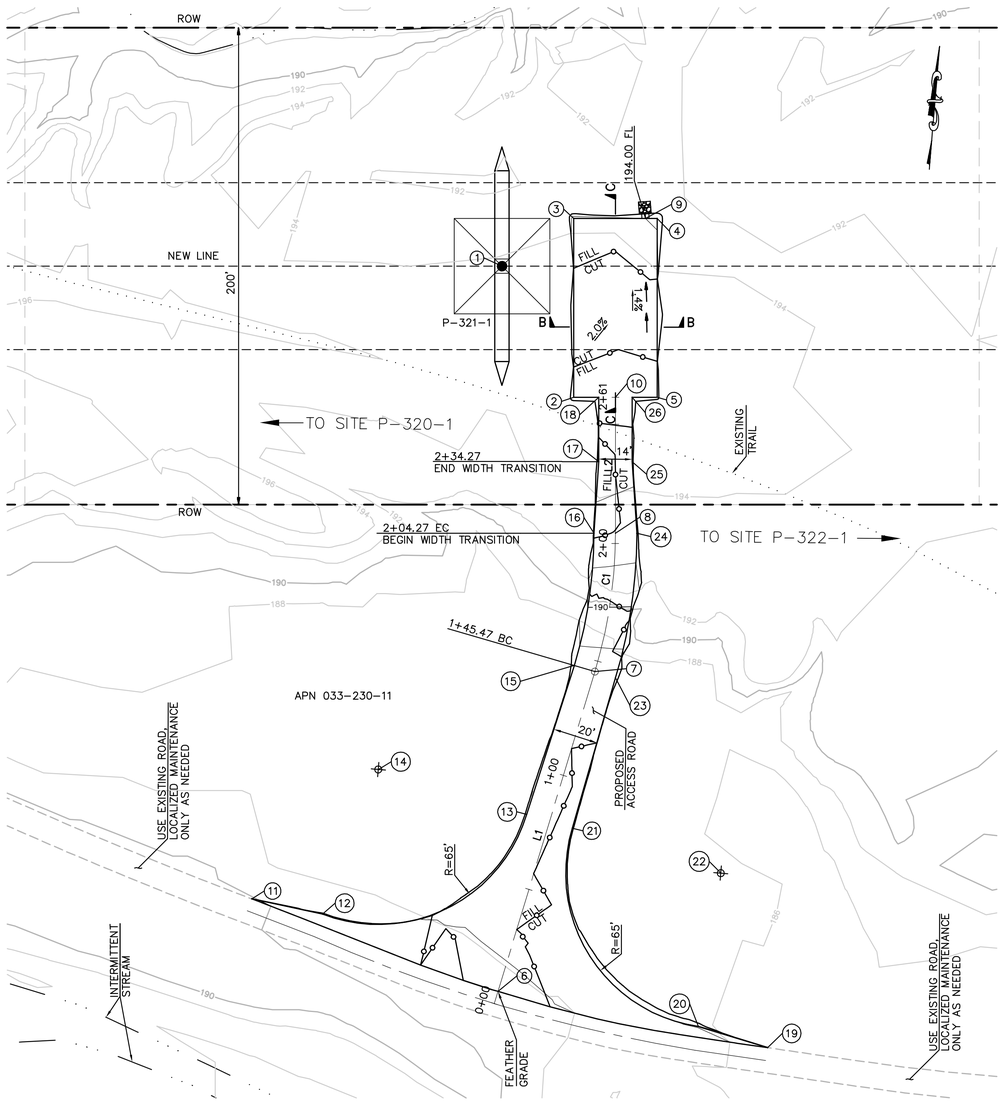
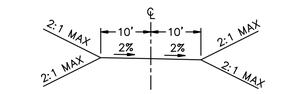


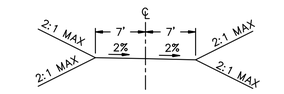
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-321-1	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867739.95	6660425.67	(194.41)	P-321-1
2	1867687.44	6660459.84	195.47	FG
3	1867762.21	6660454.03	194.42	FG
4	1867764.92	6660488.93	193.93	FG
5	1867690.15	6660494.73	194.98	FG
6	1867436.61	6660447.52	(188.68)	CL/EG
7	1867573.49	6660477.63	187.05	CL/BC
8	1867631.93	6660481.70	193.17	CL/EC
9	1867764.55	6660484.12	193.88	FG
10	1867688.79	6660477.28	195.23	CL/FG
11	1867467.31	6660341.65	(190.12)	EG
12	1867463.23	6660371.73	189.37	BC
13	1867511.56	6660453.77	187.23	EC
14	1867525.52	6660390.29		RP
15	1867575.42	6660468.84	187.25	BC
16	1867631.24	6660472.73	193.37	EC
17	1867661.30	6660472.40	194.70	FG
18	1867688.25	6660470.31	195.37	FG
19	1867421.85	6660562.03	(185.61)	EG
20	1867428.44	6660532.40	185.90	BC
21	1867507.26	6660473.30	186.83	EC
22	1867493.30	6660536.78		RP
23	1867571.55	6660486.42	186.87	BC
24	1867632.63	6660490.67	192.99	EC
25	1867662.39	6660486.36	194.41	FG
26	1867689.33	6660484.26	195.09	FG

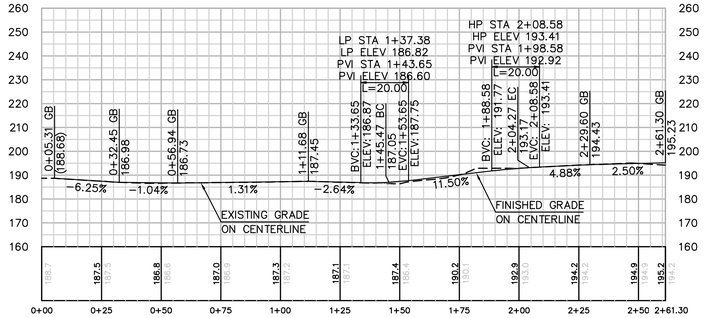
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	200.00	58.80	16°50'43"
L1		145.47	N12°24'21"E
L2		57.03	N4°26'23"W



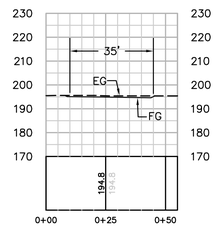
TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+04.27 EC



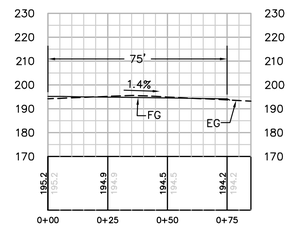
TYPICAL ACCESS ROAD CROSS SECTION
STA 2+34.27 TO 2+61.30



PROFILE: ACCESS ROAD TO TOWER P-321-1
HORIZ. & VERT. SCALE: 1" = 30'



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



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

EARTH QUANTITIES:
CUT: 78 CY
FILL: 52 CY
NET: 26 CY

DISTURBED AREA:
PAD: 2,887 SF
ROAD: 8,190 SF
TOTAL: 11,077 SF

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

LENGTH OF ACCESS ROAD: 261 LF

TOWER P-321-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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Bureau Veritas North America
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STATE OF CALIFORNIA

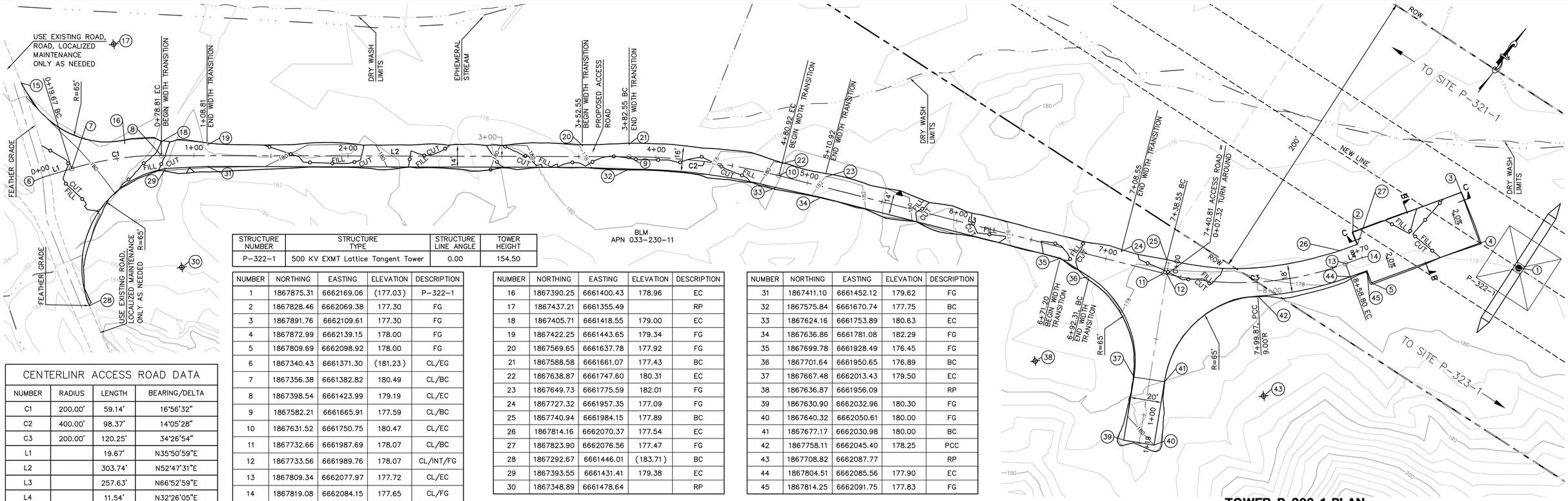
REVISIONS

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-10B (LINK 1)
SITE P-321-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P321-1-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-322-1	500 KV EXMT Lattice Tangent Tower	0.00	154.50

CENTERLINR ACCESS ROAD DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA
C1	200.00'	59.14'	16°56'32"
C2	400.00'	98.37'	14°05'28"
C3	200.00'	120.25'	34°26'54"
L1		19.67'	N35°50'59"E
L2		303.74'	N52°47'31"E
L3		257.63'	N66°52'59"E
L4		11.54'	N32°26'05"E

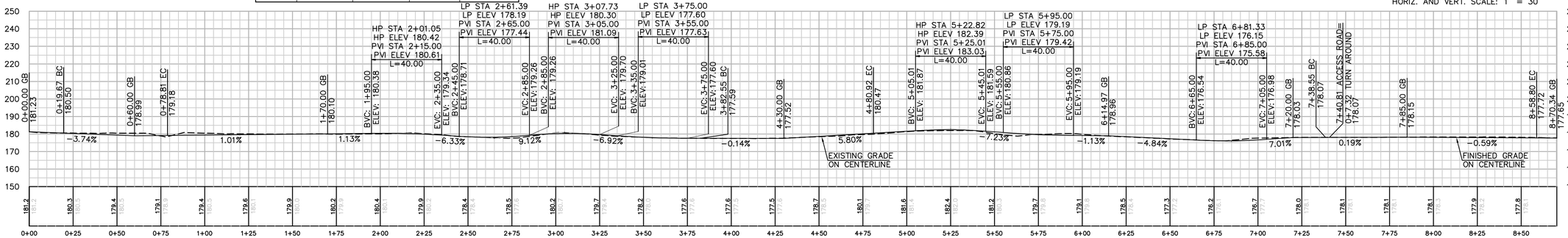
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867875.31	6662169.06	(177.03)	P-322-1
2	1867828.46	6662069.38	177.30	FG
3	1867891.76	6662109.61	177.30	FG
4	1867872.99	6662139.15	178.00	FG
5	1867809.69	6662098.92	178.00	FG
6	1867340.43	6661371.30	(181.23)	CL/EG
7	1867356.38	6661382.82	180.49	CL/BC
8	1867398.54	6661423.99	179.19	CL/EC
9	1867582.21	6661665.91	177.59	CL/BC
10	1867631.52	6661750.75	180.47	CL/EC
11	1867732.66	6661987.69	178.07	CL/BC
12	1867733.56	6661989.76	178.07	CL/INT/FG
13	1867809.34	6662077.97	177.72	CL/EC
14	1867819.08	6662084.15	177.65	CL/FG
15	1867380.80	6661323.19	(179.80)	BC

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
16	1867390.25	6661400.43	178.96	EC
17	1867437.21	6661355.49		RP
18	1867405.71	6661418.55	179.00	EC
19	1867422.25	6661443.65	179.34	FG
20	1867569.65	6661637.78	177.92	FG
21	1867588.58	6661661.07	177.43	BC
22	1867638.87	6661747.60	180.31	EC
23	1867649.73	6661775.59	182.01	FG
24	1867727.32	6661957.35	177.09	FG
25	1867740.94	6661984.15	177.89	BC
26	1867814.16	6662070.37	177.54	EC
27	1867823.90	6662076.56	177.47	FG
28	1867292.67	6661446.01	(183.71)	BC
29	1867393.55	6661431.41	179.38	EC
30	1867348.89	6661478.64		RP

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
31	1867411.10	6661452.12	179.62	FG
32	1867575.84	6661670.74	177.75	BC
33	1867624.16	6661753.89	180.63	EC
34	1867636.86	6661781.08	182.29	FG
35	1867699.78	6661928.49	176.45	FG
36	1867701.64	6661950.65	176.89	BC
37	1867667.48	6662013.43	179.50	EC
38	1867636.87	6661956.09		RP
39	1867630.90	6662032.96	180.30	FG
40	1867640.32	6662050.61	180.00	FG
41	1867677.17	6662030.98	180.00	BC
42	1867758.11	6662045.40	178.25	PCC
43	1867708.82	6662087.77		RP
44	1867804.51	6662085.56	177.90	EC
45	1867814.25	6662091.75	177.83	FG

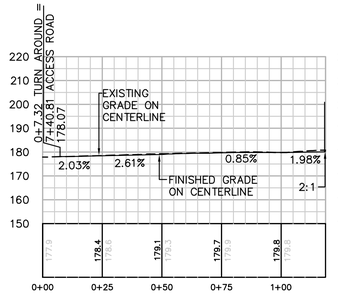
TOWER P-322-1 PLAN

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



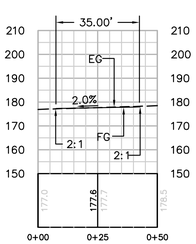
PROFILE: ACCESS ROAD TO TOWER P-322-1

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



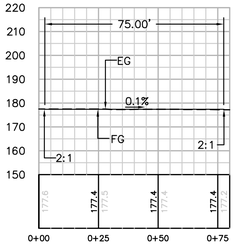
PROFILE: TURN AROUND

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



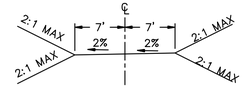
SECTION B-B

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



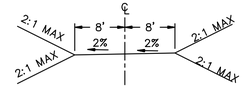
SECTION C-C

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



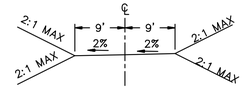
TYPICAL ACCESS ROAD CROSS SECTION

STA 1+08.81 TO 3+52.55
STA 5+10.92 TO 6+71.20



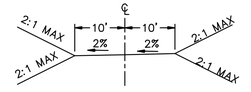
TYPICAL ACCESS ROAD CROSS SECTION

STA 3+82.55 BC TO 4+80.92 EC



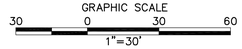
TYPICAL ACCESS ROAD CROSS SECTION

STA 7+99.87 PPC TO 8+70.34



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+76.61 TO 1+18.63



EARTH QUANTITIES:

CUT: 196 CY
FILL: 103 CY
NET: 93 CY

DISTURBED AREA:

PAD: 2,728 SF
ROAD: 21,140 SF
TOTAL: 23,868 SF

LENGTH OF ACCESS ROAD = 981 LF

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
RCE 29706
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-10B
SITE P-322-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			10B-P322-1-S1

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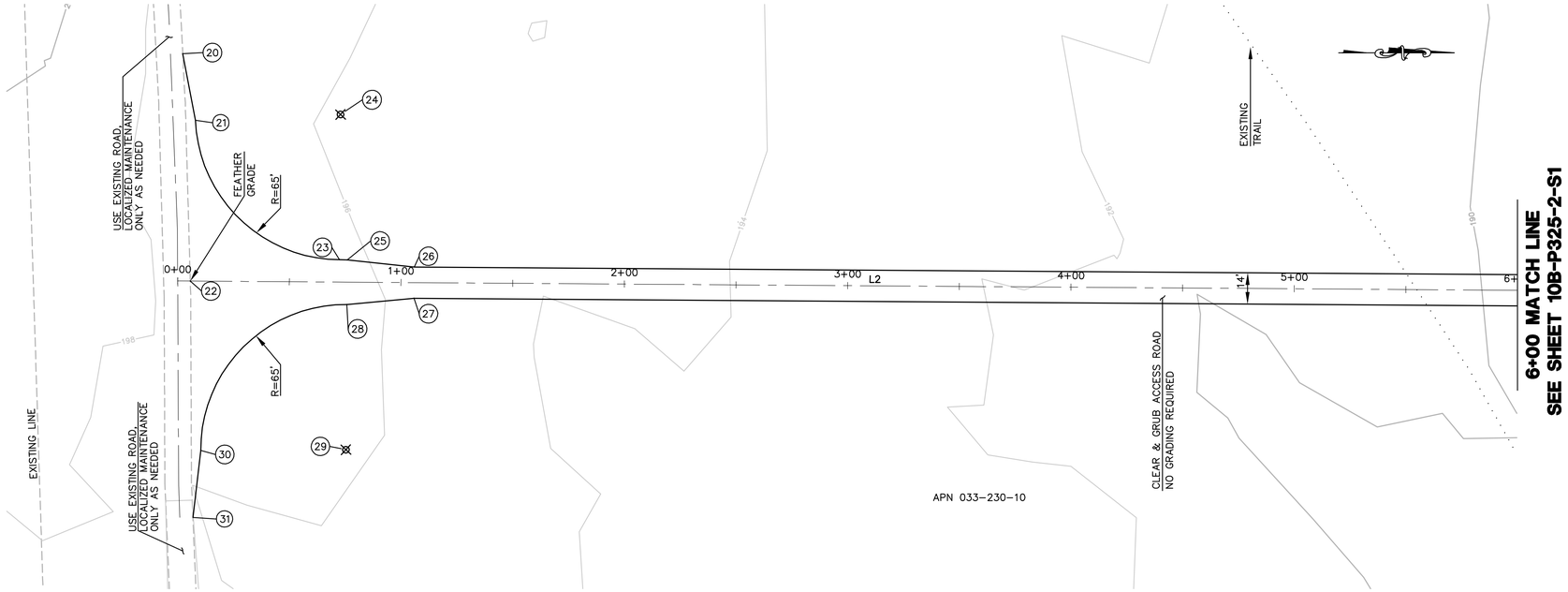


NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
20	1867139.25	6666406.23	
21	1867143.90	6666436.27	BC
22	1867139.08	6666508.06	CL
23	1867206.18	6666500.87	EC
24	1867208.90	6666435.93	RP
25	1867209.65	6666501.01	
26	1867239.50	6666505.27	
27	1867238.92	6666519.26	
28	1867208.82	6666521.00	EC
29	1867206.09	6666585.94	RP
30	1867141.12	6666583.96	BC
31	1867136.57	6666613.83	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L2		600.00	N2°24'00"E

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

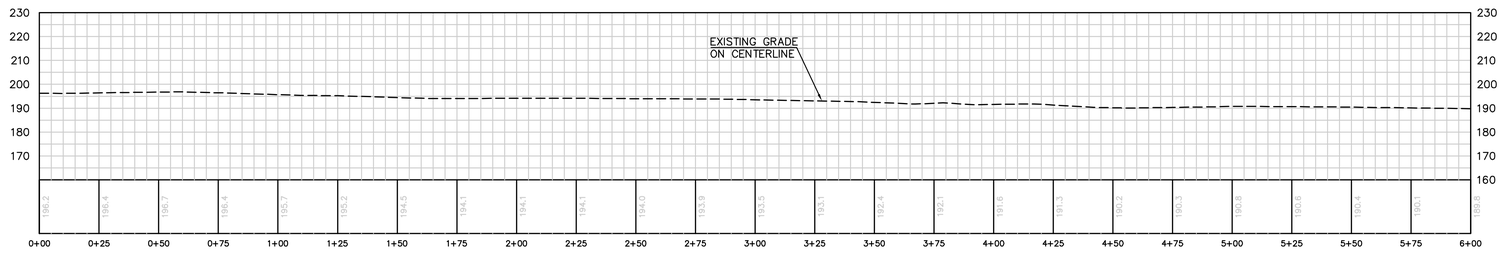
DISTURBED AREA:
ROAD: 20,351 SF

NOTE:
LENGTH OF ACCESS ROAD: 600 LF

ACCESS ROAD TO TOWER P-325-2 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-325-2

SCALE: 1" = 30'

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
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

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
ACCESS ROAD TO SITE P-325-2

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P325-2-R1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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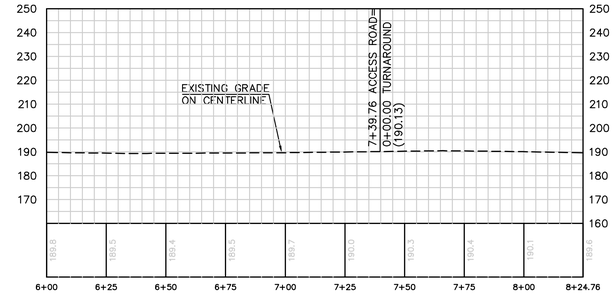
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-325-2	500 KV EXMT Lattice Tangent Tower	0.00	163.50

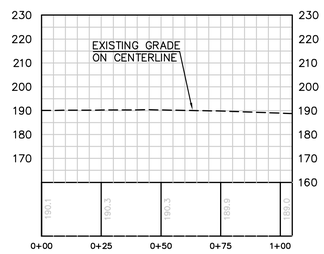
NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1868014.42	6666497.21	P-325-2/(190.21)
2	1868033.15	6666528.02	
3	1868031.68	6666562.99	
4	1867956.75	6666559.85	
5	1867957.06	6666552.36	
6	1867957.90	6666532.37	
7	1867958.21	6666524.88	
8	1867947.07	6666551.94	EC
9	1867957.48	6666542.37	CL
10	1867944.35	6666616.88	RP
11	1867879.40	6666614.16	BC
12	1867878.15	6666644.13	
13	1867858.17	6666643.30	
14	1867859.42	6666613.32	EC
15	1867794.48	6666610.60	RP
16	1867797.20	6666545.66	BC
17	1867767.35	6666541.40	
18	1867767.94	6666527.42	
19	1867798.04	6666525.67	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L3		224.76	N2°24'00"E
L4		105.00	S87°36'00"E



PROFILE: ACCESS ROAD TO TOWER P-325-2

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



PROFILE: TURNAROUND

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

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

DISTURBED AREA:
PAD: 2625 SF

NOTE:
LENGTH OF ACCESS ROAD: 332 LF

TOWER P-325-2 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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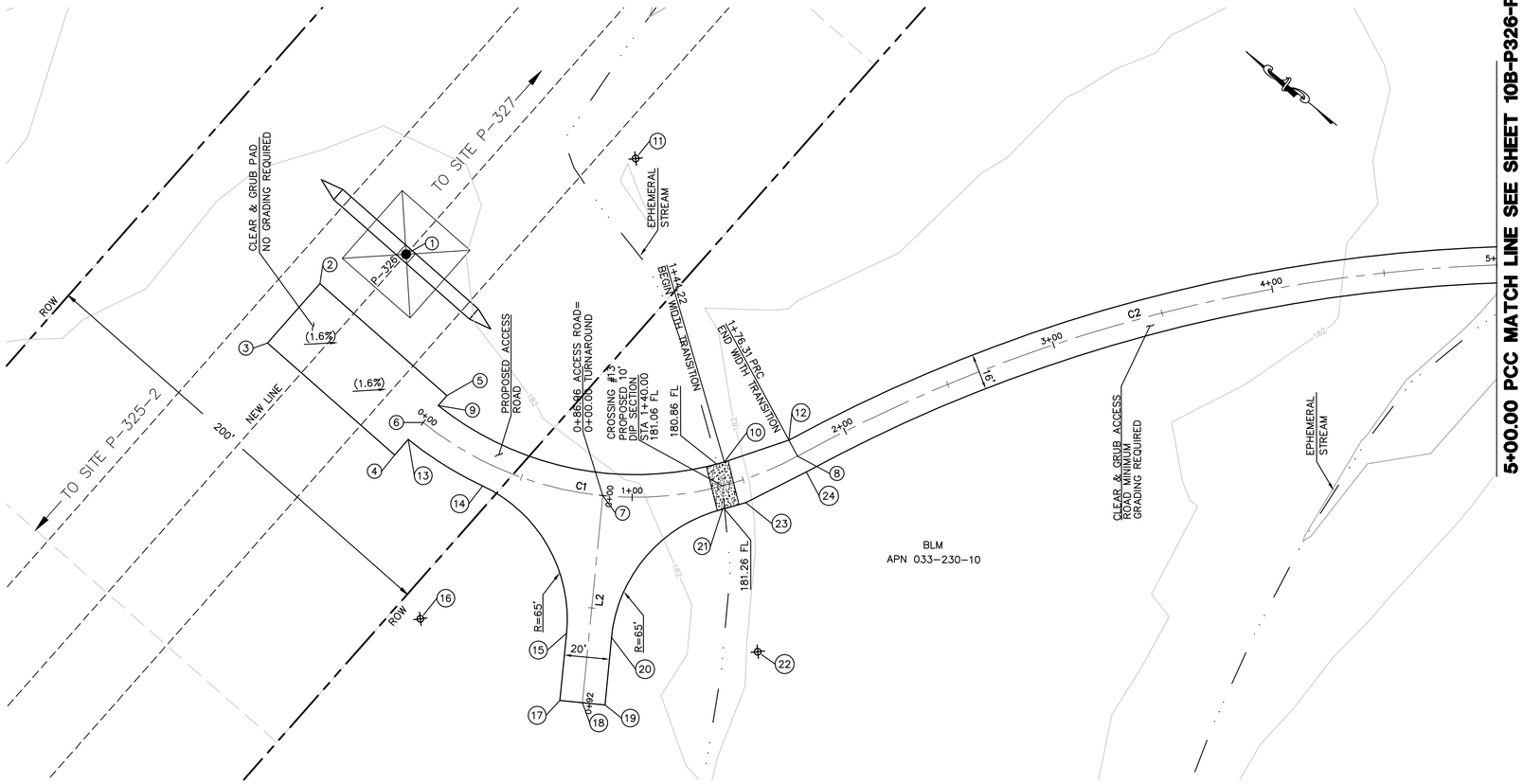
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-325-2

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P325-2-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



5+00.00 PCC MATCH LINE SEE SHEET 10B-P326-R1

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-326	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1867942.55	6668212.07	P-326 (183.51)
2	1867964.00	6668177.94	EG
3	1867965.50	6668142.97	EG
4	1867890.57	6668139.83	EG
5	1867889.06	6668174.80	EG
6	1867889.74	6668158.97	CL/EG
7	1867807.66	6668183.77	CL/INT
8	1867751.65	6668251.69	CL/PRC
9	1867889.31	6668168.97	EG
10	1867775.19	6668229.26	EC
11	1867890.29	6668308.97	RP
12	1867759.05	6668254.74	BC
13	1867890.17	6668148.97	EG
14	1867851.71	6668153.69	PRC
15	1867781.79	6668126.41	EC
16	1867836.04	6668090.61	RP
17	1867765.26	6668101.37	EG
18	1867756.91	6668106.88	CL/EG
19	1867748.57	6668112.39	EG
20	1867765.09	6668137.42	BC
21	1867762.68	6668212.44	EC
22	1867710.84	6668173.23	RP
23	1867756.47	6668221.26	EG
24	1867744.26	6668248.63	BC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	150.00	176.31	67°20'39"
C2	700.00	323.69	26°29'41"
L2		92.13	S56°34'37"W

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 13,796 SF
TOTAL: 16,421 SF

QUANTITIES:
DIP SECTIONS: 200 SF

LENGTH OF ACCESS ROAD: 592 LF

DIP SECTION EXPORT: 8 CY

TOWER P-326 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
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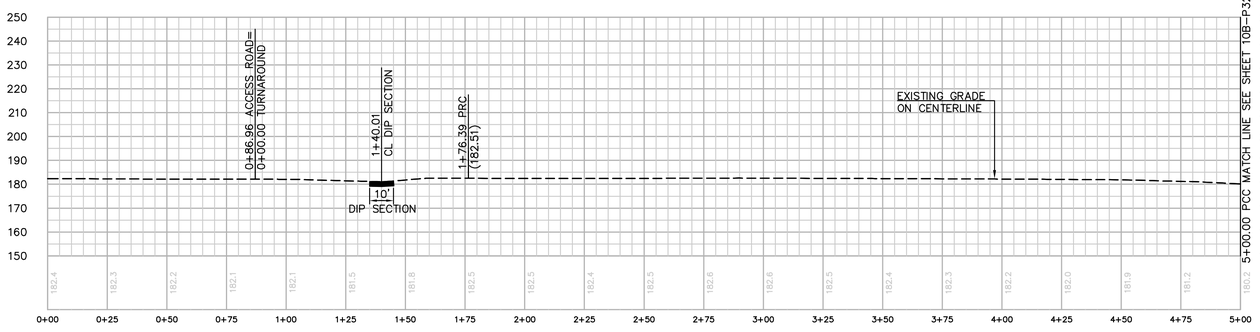
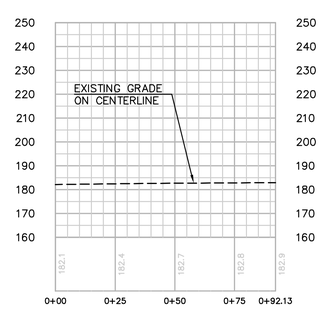
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-326
HORIZ. & VERT. SCALE: 1" = 30'



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

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
No. 28708
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-10B (LINK 1)
SITE P-326

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P326-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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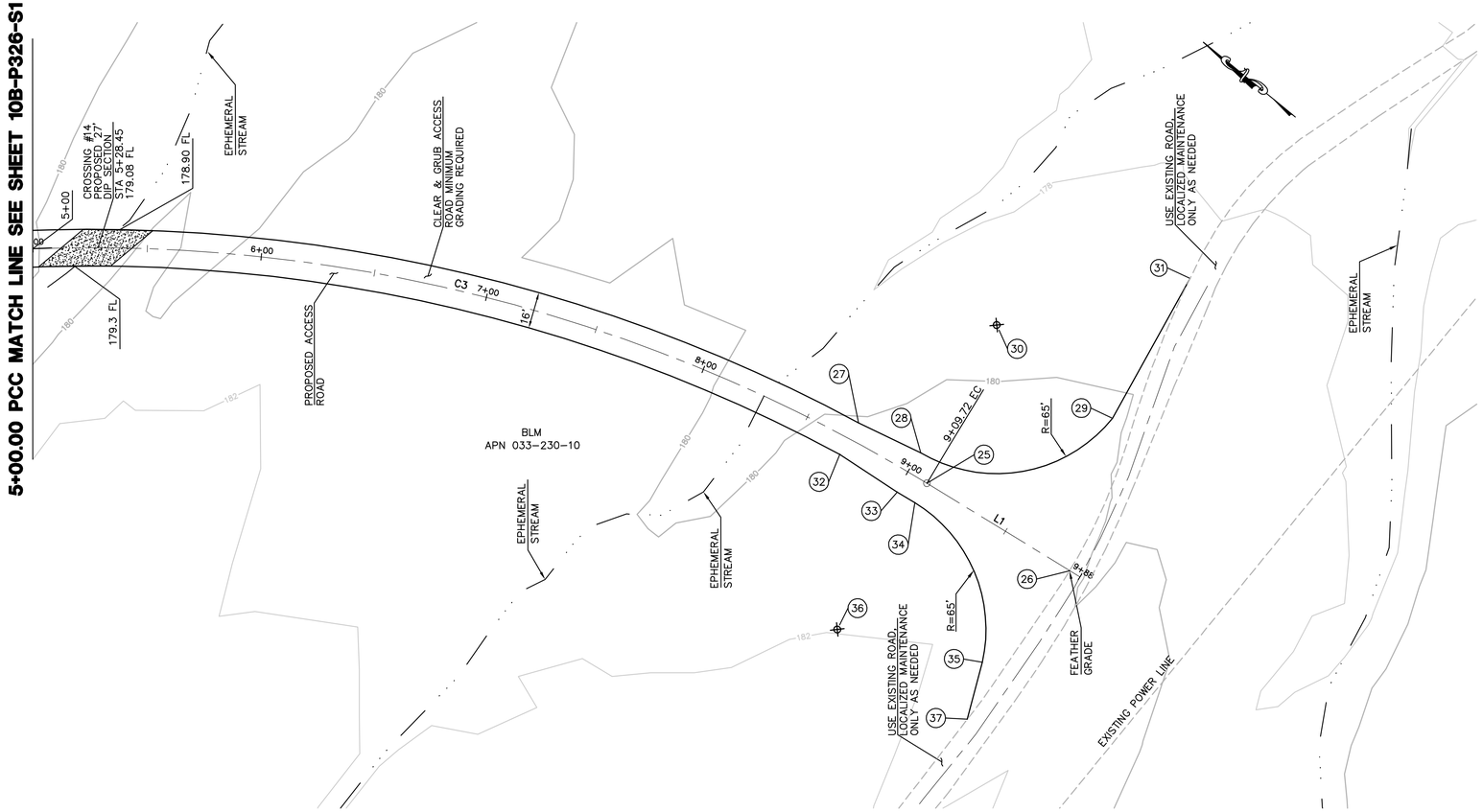


NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
25	1867196.31	6668678.37	CL/EC
26	1867123.77	6668687.87	CL/EG
27	1867236.10	6668680.09	EC
28	1867206.79	6668687.01	BC
29	1867151.14	6668751.47	EC
30	1867216.14	6668751.33	RP
31	1867163.30	6668820.33	EG
32	1867233.80	6668664.24	EC
33	1867203.91	6668667.22	EG
34	1867195.00	6668668.45	BC
35	1867128.20	6668632.76	EC
36	1867186.49	6668604.01	RP
37	1867117.73	6668609.27	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C3	700.00	409.72	33°32'11"
L1		78.44	S7°31'12"E

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

DISTURBED AREA:
ROAD: 9,335 SF
TOTAL: 9,335 SF

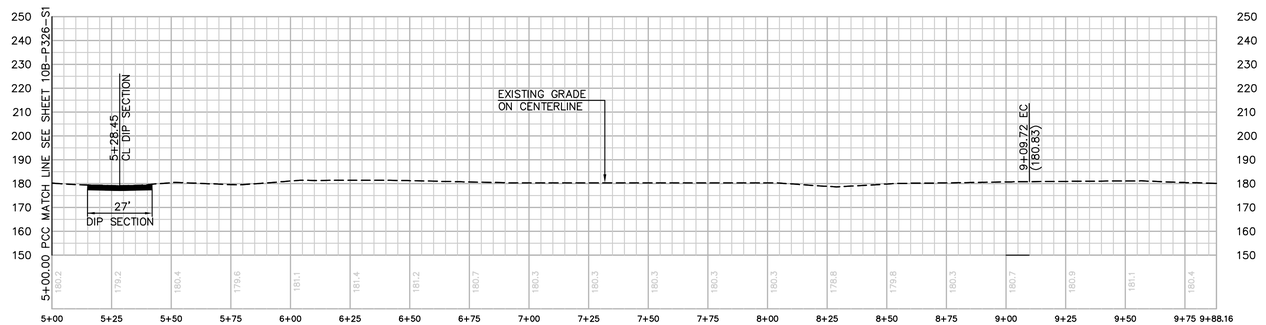
QUANTITIES:
DIP SECTIONS: 496 SF

LENGTH OF ACCESS ROAD: 488 LF

DIP SECTION EXPORT: 18 CY

ACCESS ROAD TO TOWER P-326 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-326
HORIZ. & VERT. SCALE: 1" = 30'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
No. 29108
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-10B (LINK 1)
ACCESS ROAD TO SITE P-326

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P326-R1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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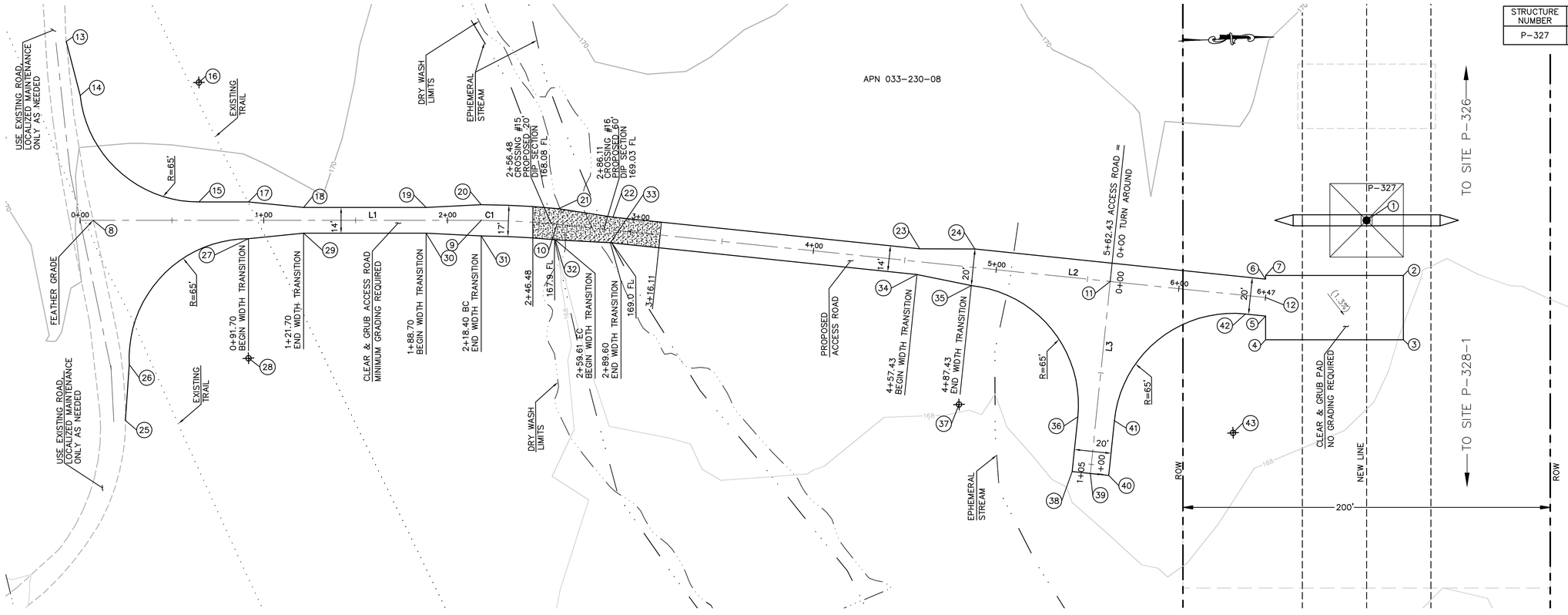


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-327	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1867866.87	6670017.79	P-327 (170.11)
2	1867885.59	6670048.60	EG
3	1867884.13	6670083.57	EG
4	1867809.19	6670080.43	EG
5	1867809.73	6670067.55	EG
6	1867810.58	6670047.41	EG
7	1867810.66	6670045.46	EG
8	1867174.27	6669988.76	CL/EG
9	1867385.39	6669997.61	CL/BC
10	1867426.40	6670001.45	CL/EC
11	1867726.05	6670045.18	CL/EG
12	1867810.16	6670057.45	CL/EG
13	1867163.73	6669890.98	EG
14	1867170.07	6669920.59	BC
15	1867232.20	6669981.18	EC
16	1867234.92	6669916.24	RP
17	1867259.22	6669982.31	EG
18	1867289.06	6669986.57	EG
19	1867355.71	6669989.36	EG
20	1867385.75	6669989.12	EG
21	1867427.63	6669993.04	EG
22	1867457.09	6669998.86	EG
23	1867623.16	6670023.09	EG
24	1867653.28	6670024.49	EG
25	1867187.27	6670098.27	EG
26	1867190.66	6670067.95	BC
27	1867258.38	6670002.30	EC
28	1867255.66	6670067.24	RP
29	1867288.48	6670000.56	EG
30	1867355.12	6670003.35	EG
31	1867385.04	6670006.10	EG
32	1867425.17	6670009.86	EG
33	1867455.07	6670012.71	EG
34	1867621.14	6670036.94	EG
35	1867650.39	6670044.24	BC
36	1867705.32	6670117.95	EC
37	1867641.00	6670108.56	RP
38	1867700.99	6670147.63	EG
39	1867710.89	6670149.08	CL/EG
40	1867720.78	6670150.52	EG
41	1867725.11	6670120.84	BC
42	1867798.82	6670065.90	EC
43	1867789.43	6670130.22	RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	400.00	41.20	5°54'08"
L1		218.40	N2°24'00"E
L2		387.82	N8°18'07"E
L3		105.00	S81°41'53"E

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

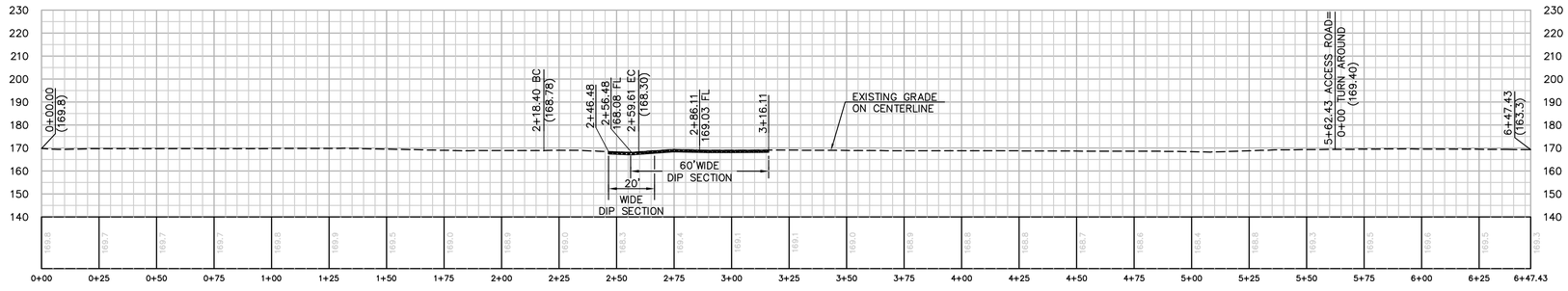
DISTURBED AREA:
PAD: 2,625 SF
ROAD: 17,208 SF
TOTAL: 19,833 SF

QUANTITIES:
DIP SECTIONS: 1,077 SF
LENGTH OF ACCESS ROAD: 752 LF

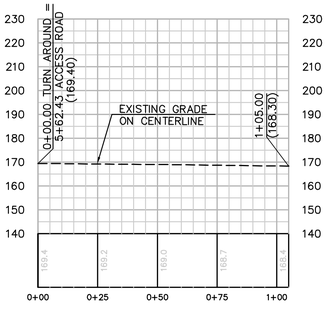
DIP SECTION EXPORT: 40 CY

TOWER P-327 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE ACCESS ROAD TO TOWER P-327
HORIZ. & VERT. SCALE: 1" = 30'



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

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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-10B (LINK 1)
SITE P-327

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				10B-P327-S1
CAD NO.:	PLOT SCALE: 1 = 1				

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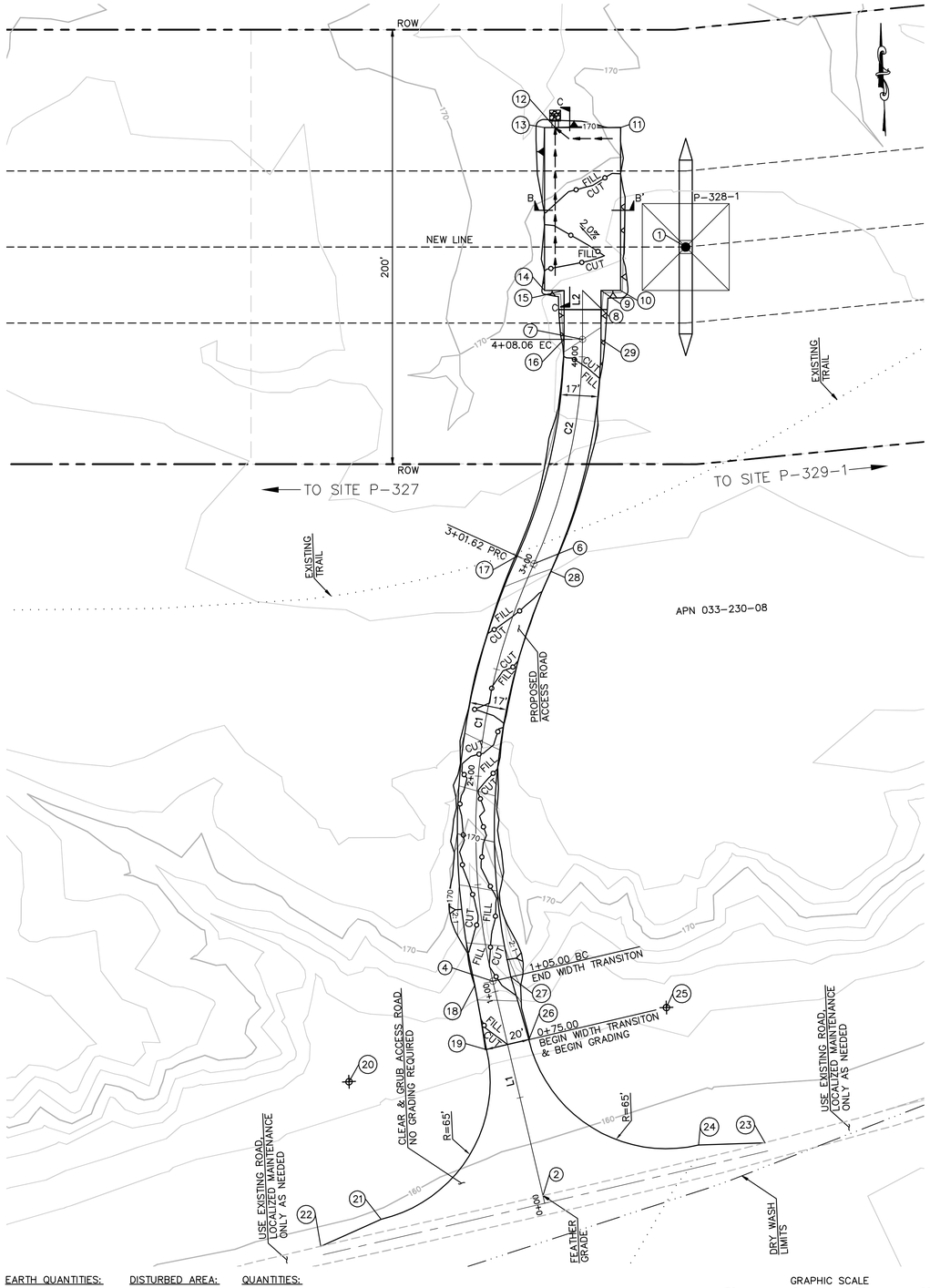


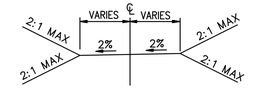
TOWER P-328-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

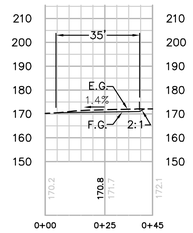
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-328-1	500 KV EXLA Lattice Angle Tower	-5.64	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867789.94	6671853.22	(173.95)	P-328-1
2	1867356.45	6671769.33	(159.05)	CL/EG
4	1867456.02	6671750.42	164.69	CL/BC
6	1867647.25	6671777.36	173.86	CL/PRC
7	1867749.48	6671803.99	171.99	CL/EC
8	1867771.95	6671804.93	171.31	CL/FG
9	1867771.59	6671813.42	171.43	FG
10	1867771.22	6671822.41	171.56	FG
11	1867846.15	6671825.55	170.50	FG
12	1867847.41	6671795.57	170.08	FL
13	1867847.62	6671790.58	170.01	FG
14	1867772.68	6671787.44	171.07	FG
15	1867772.30	6671796.44	171.19	FG
16	1867749.84	6671795.49	171.82	EC
17	1867651.08	6671769.77	173.69	PRC
18	1867454.43	6671742.07	164.52	BC
19	1867424.68	6671746.19	(162.46)	EC
20	1867412.55	6671682.33		RP
21	1867348.69	6671694.47	(159.87)	BC
22	1867337.41	6671666.15	(159.74)	EG
23	1867376.47	6671872.41	(158.29)	EG
24	1867376.68	6671841.83	(158.78)	BC
25	1867440.54	6671829.70		RP
26	1867428.41	6671765.84	(162.42)	EC
27	1867457.60	6671758.77	164.86	BC
28	1867643.42	6671784.95	174.03	PRC
29	1867749.12	6671812.48	172.16	EC

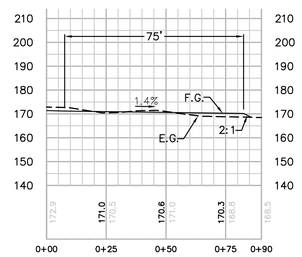
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	300.00	196.62	37°33'04"
C2	250.00	106.45	24°23'44"
L1		105.00	N10°45'20.81"W
L2		22.49	N2°23'59.78"E



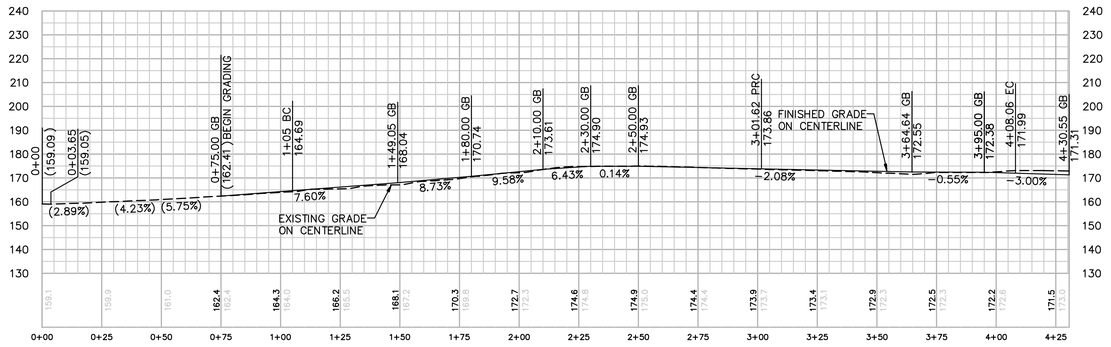
TYPICAL SECTION ACCESS ROAD
STA 0+75.00 TO 4+30.55



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



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



PROFILE: ACCESS ROAD TO TOWER P-328-1
HORIZ. & VERT. SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 96 CY
FILL: 91 CY
NET: 5 CY

DISTURBED AREA:
PAD: 3,008 SF
ROAD: 12,453 SF
TOTAL: 15,461 SF

QUANTITIES:
DOWN DRAIN: 3 LF
RIPRAP: 25 SF

LENGTH OF ACCESS ROAD: 431 LF

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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-10B (LINK 1)
SITE P-328-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				10B-P328-1-S1
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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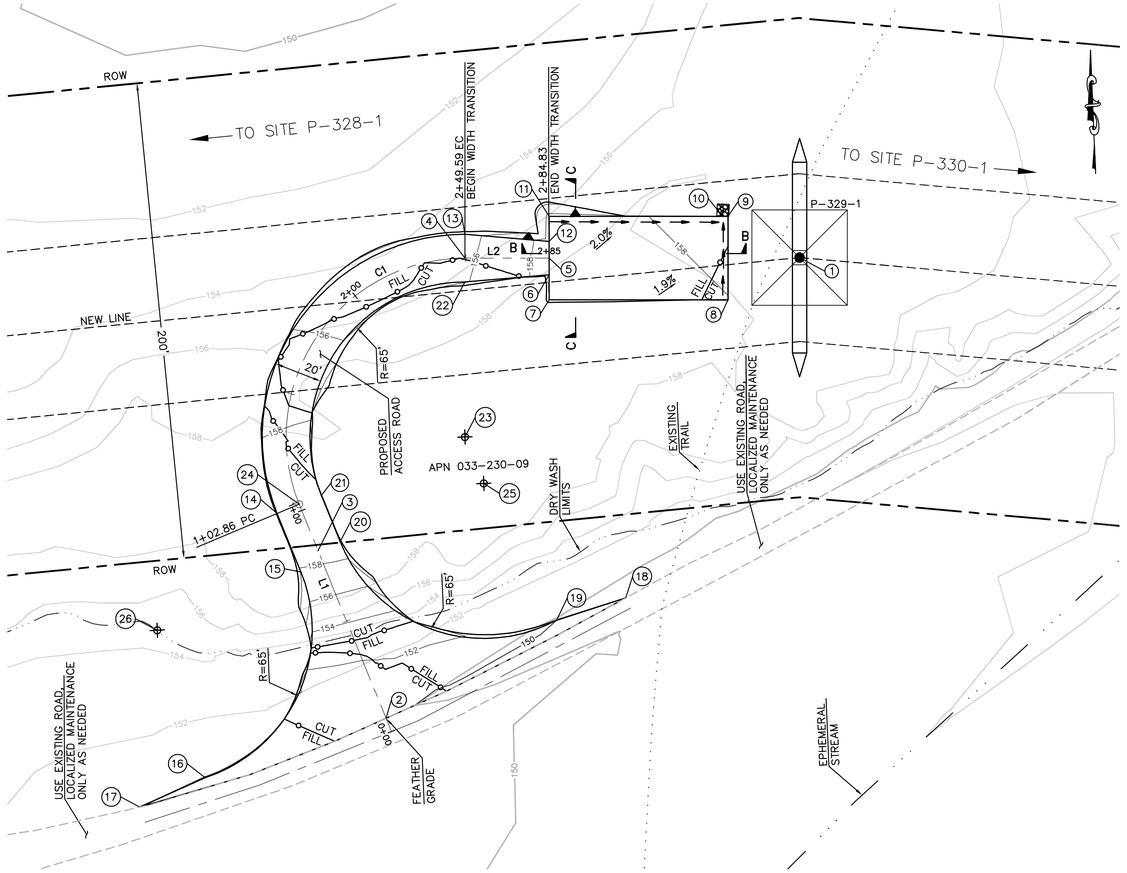
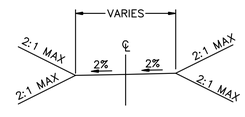


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-329-1	500 KV EXMA Lattice Angle Tower	10.78	160.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867881.96	6673478.65	(158.49)	P-329-1
2	1867696.22	6673297.40	(150.20)	CL/EG
3	1867767.64	6673271.84	158.45	CL/BC
4	1867887.61	6673338.52	155.69	CL/EC
5	1867886.14	6673373.73	158.80	CL/FG
6	1867879.15	6673373.44	158.93	FG
7	1867868.65	6673373.00	159.08	FG
8	1867865.51	6673447.93	158.03	FG
9	1867900.48	6673449.40	157.67	FG
10	1867900.57	6673447.27	157.57	FL
11	1867903.62	6673374.47	158.59	FG
12	1867893.13	6673374.03	158.73	FG
13	1867897.61	6673338.94	155.49	EC
14	1867784.04	6673255.35	158.30	BC
15	1867759.03	6673264.30	157.84	EC
16	1867674.53	6673220.61	151.40	BC
17	1867663.33	6673192.64	(151.32)	FG
18	1867742.44	6673399.83	(149.10)	FG
19	1867734.27	6673370.51	150.00	BC
20	1867771.01	6673281.26	158.65	EC
21	1867790.78	6673274.18	158.70	BC
22	1867877.62	6673338.10	155.89	EC
23	1867812.68	6673335.38		RP
24	1867787.41	6673264.77	158.50	CL/BC
25	1867792.91	6673342.46		RP
26	1867737.13	6673203.10		RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00'	146.73'	112°05'34"
L1		102.86'	N19°41'34.59"W
L2		35.24'	S87°36'00.16"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+84.83

EARTH QUANTITIES:
CUT: 89 CY
FILL: 88 CY
NET: 1 CY

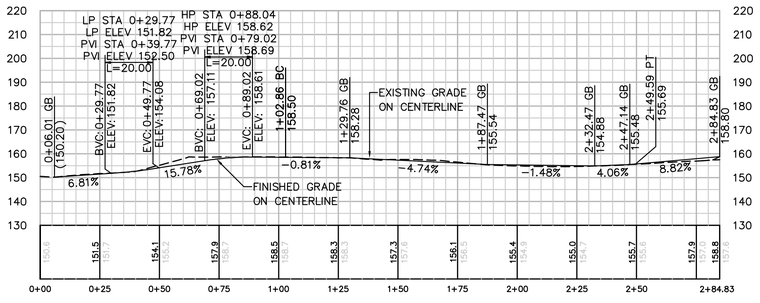
DISTURBED AREA:
PAD: 2,625 SF
ROAD: 9,500 SF
TOTAL: 12,125 SF

QUANTITIES:
RIP RAP: 25 SF

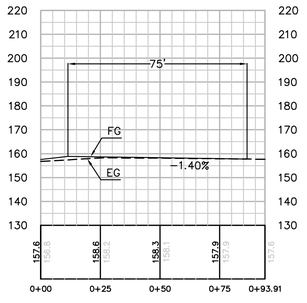
LENGTH OF ACCESS ROAD: 285 LF

TOWER P-329-1 PLAN
SCALE: 1" = 30'

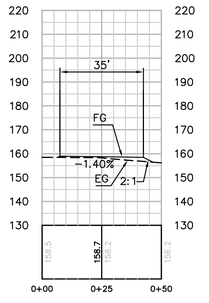
GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-329-1
HORIZ. AND VERT. SCALE: 1" = 30'



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



SECTION C-C
HORIZ. AND 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-10B (LINK 1)
SITE P-329-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P329-1-S1
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APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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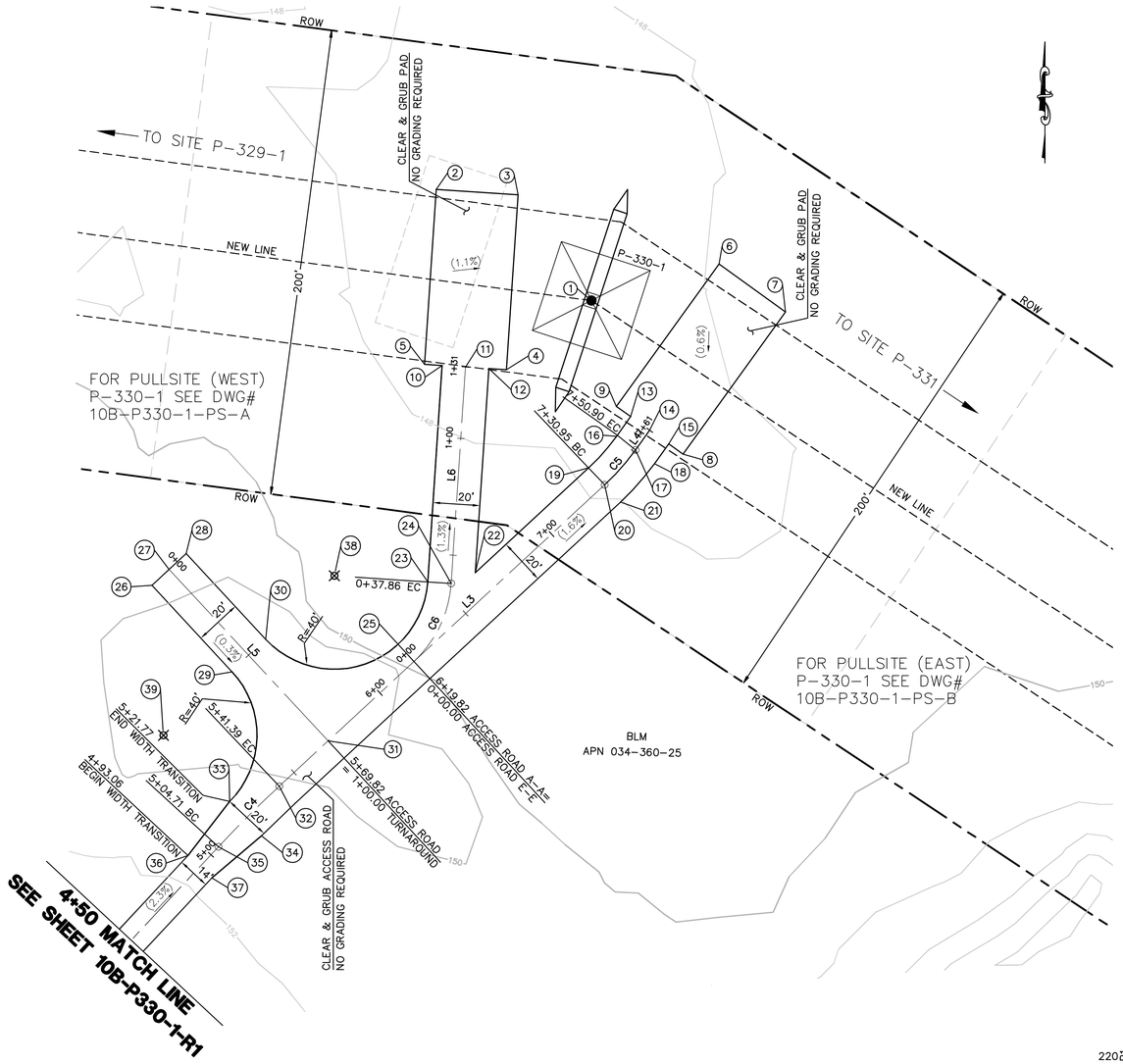
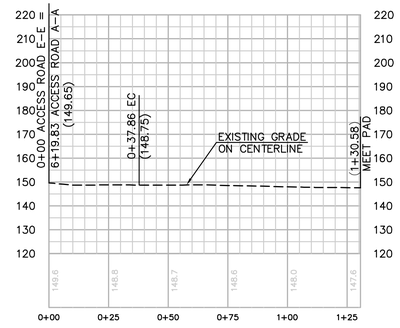
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–330–1	500 KV EXLD Lattice Dead–end Tower	26.12	159.75

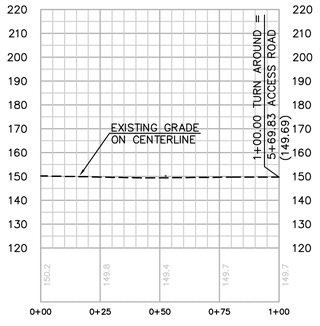


NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1867647.57	6675250.23	P–330–1/(149.34)
2	1867695.10	6675183.93	EG
3	1867692.78	6675218.85	EG
4	1867617.94	6675213.88	EG
5	1867620.26	6675178.96	EG
6	1867663.17	6675304.78	EG
7	1867642.72	6675333.18	EG
8	1867581.86	6675289.34	EG
9	1867602.32	6675260.94	EG
10	1867619.76	6675186.44	EG
11	1867619.10	6675196.42	CL/EG
12	1867618.44	6675206.40	EG
13	1867597.93	6675267.03	EG
14	1867592.09	6675275.14	CL/EG
15	1867586.24	6675283.26	EG
16	1867589.51	6675260.97	EC
17	1867583.67	6675269.08	CL/EC
18	1867577.83	6675277.19	EC
19	1867576.09	6675249.10	BC
20	1867568.75	6675255.89	CL/BC

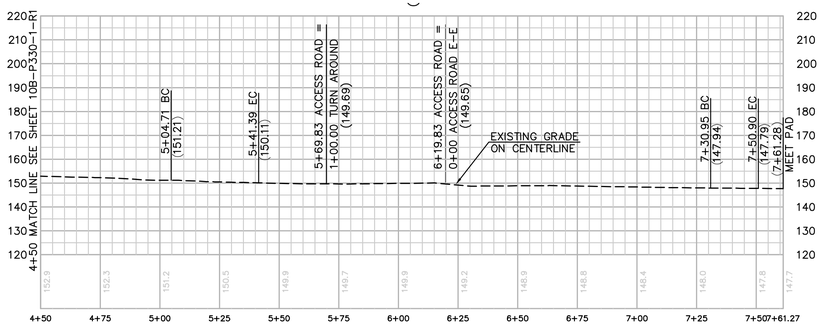
NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
21	1867561.42	6675262.69	BC
22	1867531.16	6675200.60	EG
23	1867527.26	6675180.30	EC
24	1867526.59	6675190.27	CL/EC
25	1867493.23	6675174.36	CL/INT
26	1867525.82	6675062.39	EG
27	1867532.61	6675069.72	CL/EG
28	1867539.41	6675077.06	EG
29	1867488.82	6675096.65	EC
30	1867502.73	6675111.04	BC
31	1867459.25	6675137.68	CL/INT
32	1867439.93	6675116.82	CL/EC
33	1867433.39	6675095.62	BC
34	1867418.70	6675109.22	EG
35	1867414.04	6675090.85	CL/BC
36	1867410.33	6675077.82	EG
37	1867400.73	6675088.02	EG
38	1867529.91	6675140.38	RP
39	1867461.64	6675067.31	RP



PROFILE: ACCESS ROAD (E-E) TO TOWER P-330-1
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD (A-A) TO TOWER P-330-1
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 5,250 SF
ROAD: 10,347 SF
TOTAL: 15,597 SF

LENGTH OF ACCESS ROAD: 542 LF

TOWER P-330-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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STEPHEN K. SMITH
NO. 29708
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REVISIONS

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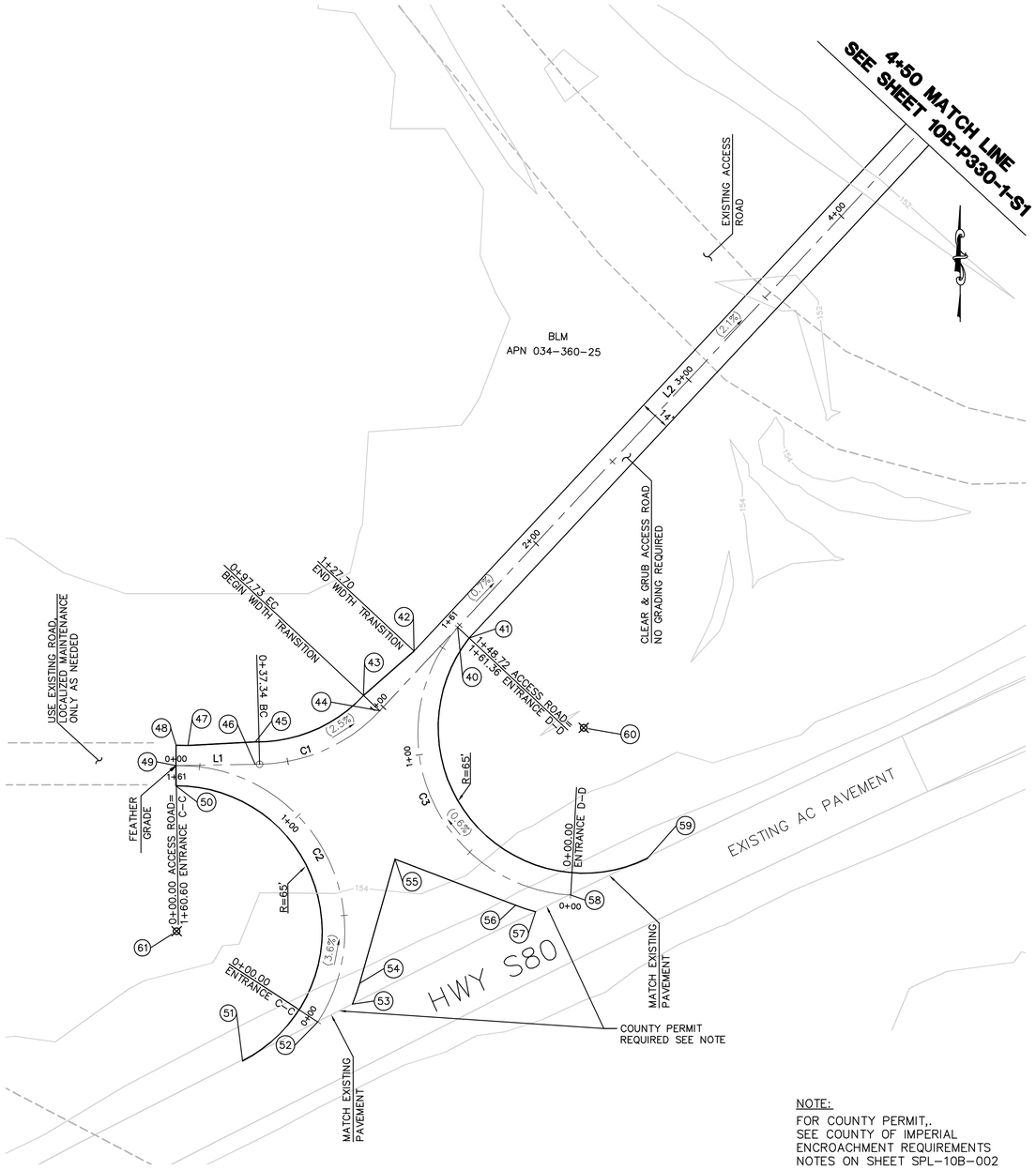
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–10B (LINK 1)
SITE P–330–1

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

10B–P330–1–S1



NOTE:
FOR COUNTY PERMIT,.
SEE COUNTY OF IMPERIAL
ENCROACHMENT REQUIREMENTS
NOTES ON SHEET SPL-10B-002

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

DISTURBED AREA:
ROAD: 14,370 SF
TOTAL: 14,370 SF

LENGTH OF ACCESS ROAD: 772 LF

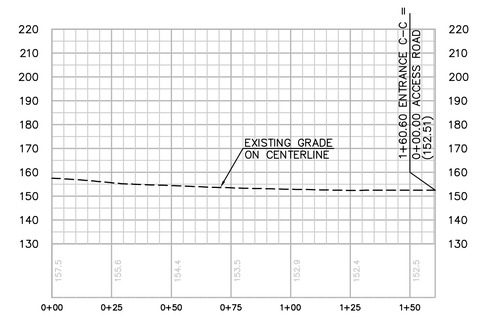
ACCESS ROAD TO TOWER P-330-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

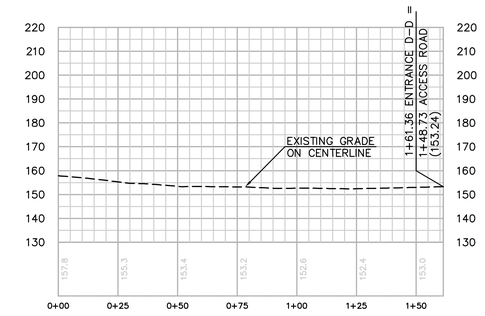
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	60.39	46°08'10"
C2	74.11	160.60	124°10'12"
C3	72.23	161.36	127°59'55"
L1		37.34	N89°07'26"E
L2		406.97	N42°59'15"E

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
40	1867153.63	6674848.13	CL/INT
41	1867148.86	6674853.25	EC
42	1867143.03	6674828.67	EG
43	1867123.13	6674806.02	EC
44	1867116.34	6674813.36	CL/EC
45	1867102.45	6674757.73	BC
46	1867092.45	6674757.61	CL/BC
47	1867100.91	6674727.71	EG
48	1867100.97	6674722.34	EG
49	1867091.91	6674722.31	CL/EG
50	1867082.85	6674722.25	EG
51	1866959.90	6674752.03	EG
52	1866977.30	6674785.69	CL/EG
53	1866985.27	6674801.10	EG
54	1866994.59	6674804.35	EC
55	1867050.07	6674820.14	EG
56	1867029.43	6674874.01	EC
57	1867026.55	6674882.97	EG
58	1867034.02	6674898.55	CL/EG
59	1867050.32	6674932.82	EG
60	1867108.80	6674904.43	RP
61	1867017.85	6674722.60	RP



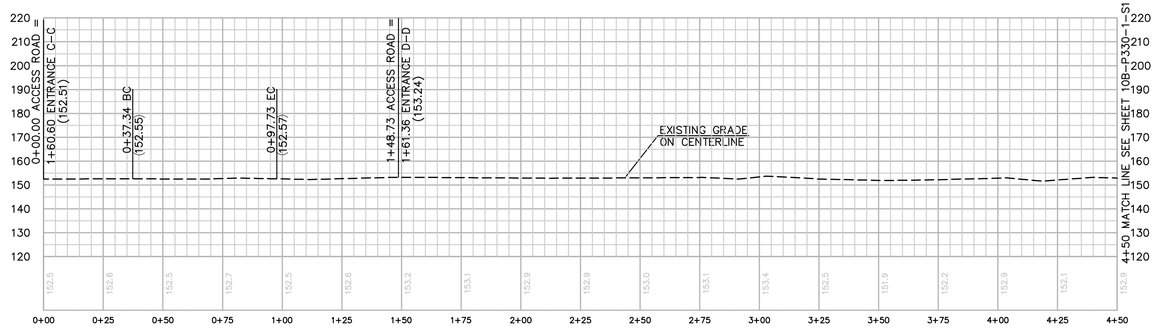
ENTRANCE C-C

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



ENTRANCE D-D

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



PROFILE: ACCESS ROAD TO TOWER P-330-1

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

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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-10B (LINK 1)
ACCESS ROAD TO SITE P-330-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P330-1-R1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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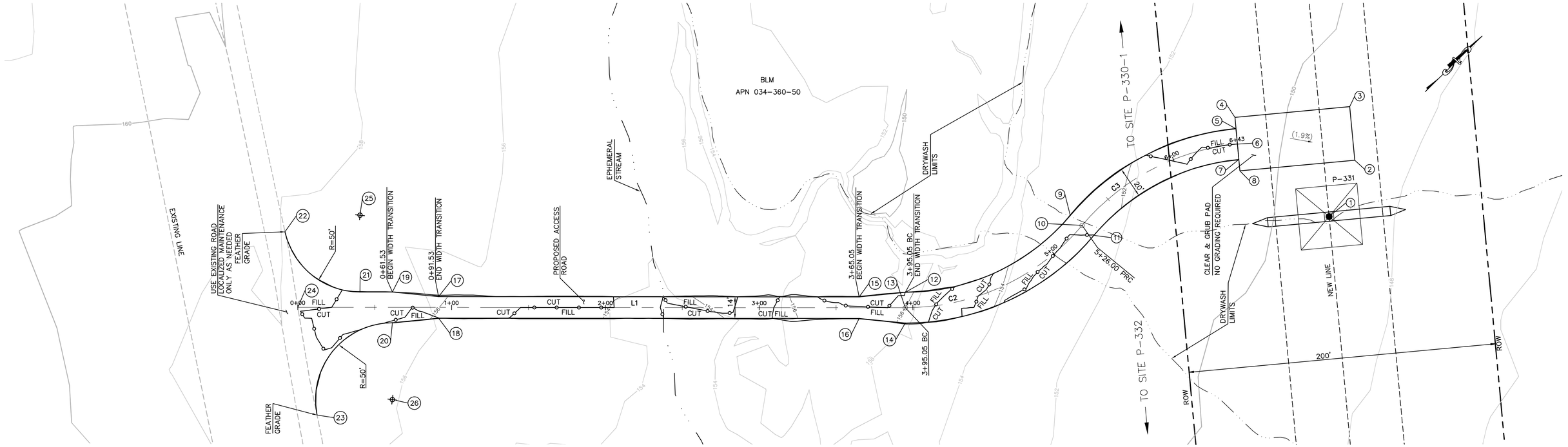


TOWER P-331 PLAN
SCALE: 1" = 30'

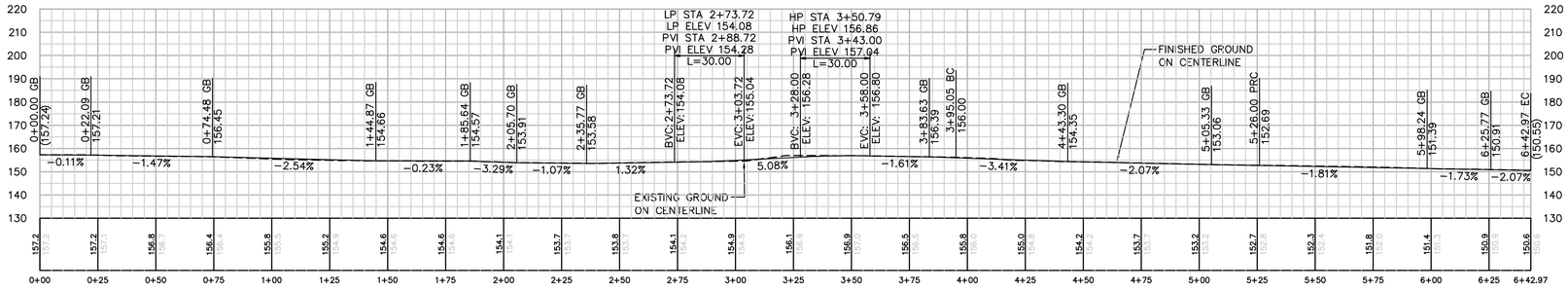
GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 31 CY
FILL: 23 CY
NET: 8 CY

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 12,448 SF
TOTAL: 15,073 SF

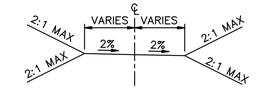
LENGTH OF ACCESS ROAD: 643 LF

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-331	500 KV EXMT Lattice Tangent Tower	0.00	154.50



PROFILE: ACCESS ROAD TO TOWER P-331
HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	150.00	130.96	50°01'17"
C3	150.00	116.96	44°40'33"
L1		395.05	N39°00'16"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 6+42.97

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866800.40	6676522.50	(150.31)	P-331
2	1866836.44	6676504.45	(148.90)	EG
3	1866855.84	6676475.32	(149.15)	EG
4	1866793.41	6676433.75	(150.71)	EG
5	1866789.25	6676440.00	(150.64)	EC
6	1866783.71	6676448.32	(150.55)	CL/EC
7	1866778.17	6676456.64	(150.51)	EC
8	1866774.01	6676462.89	(150.49)	EG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
9	1866670.00	6676416.12	152.89	PRC
10	1866671.91	6676425.94	152.69	CL/PRC
11	1866673.82	6676435.75	152.49	PRC
12	1866555.13	6676387.50	156.20	BC
13	1866548.84	6676395.27	156.00	CL/BC
14	1866542.54	6676403.04	155.80	BC
15	1866529.93	6676370.95	156.82	FG
16	1866521.12	6676381.82	156.54	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
17	1866317.38	6676198.80	156.15	FG
18	1866308.57	6676209.68	155.87	FG
19	1866295.95	6676177.59	156.82	FG
20	1866283.37	6676193.13	156.42	EC
21	1866279.57	6676164.31	157.14	EC
22	1866266.27	6676103.19	(157.87)	BC
23	1866207.49	6676209.00	(156.43)	BC
24	1866241.85	6676146.63	(157.24)	CL

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
25	1866311.04	6676125.46		RP
26	1866251.90	6676231.98		RP

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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-10B (LINK 1)
SITE P-331

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
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10B-P331-S1

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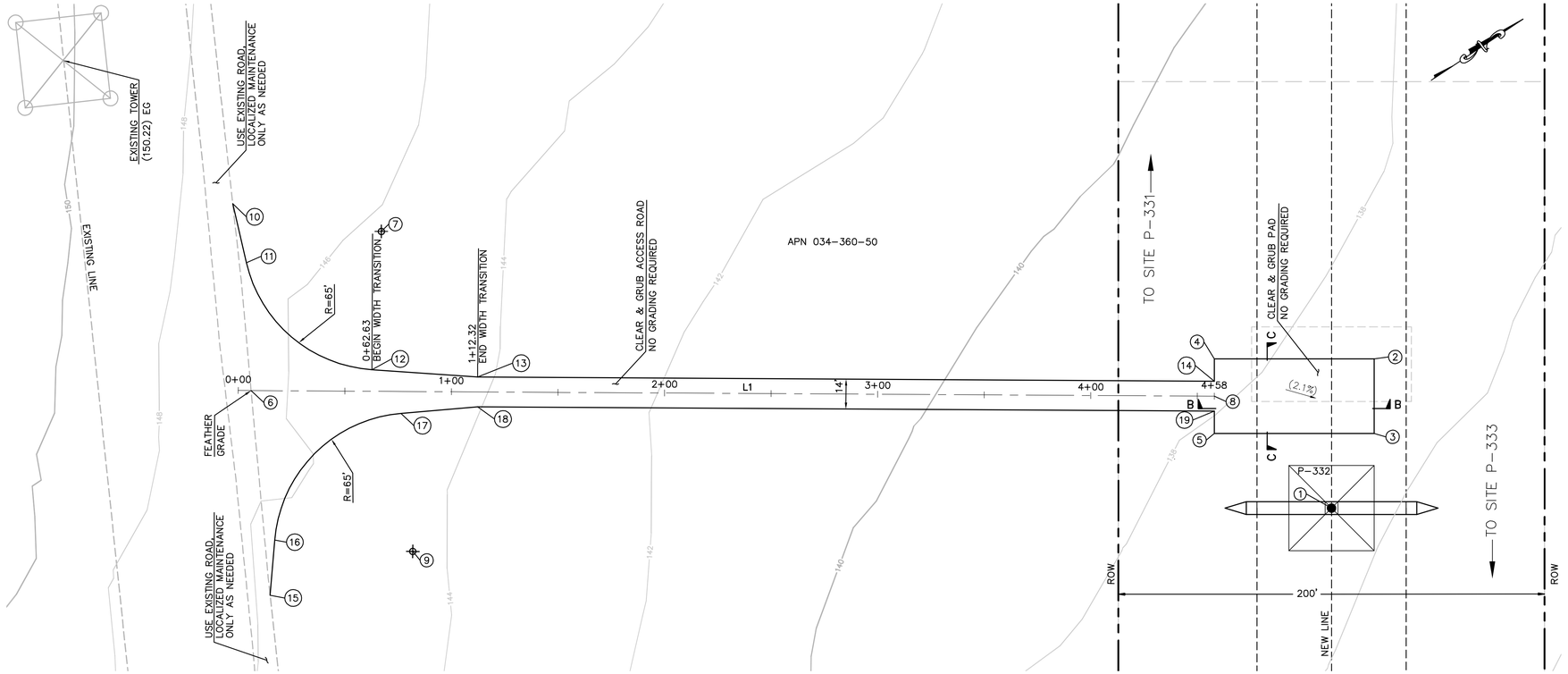


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-332	500 KV EXMT Lattice Tangent Tower	0.00	142.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1865891.77	6677887.05	P-332/(138.00)
2	1865947.22	6677839.87	EG
3	1865927.82	6677869.00	EG
4	1865884.79	6677798.30	EG
5	1865865.39	6677827.44	EG
6	1865500.44	6677560.16	CL/EG
7	1865592.68	6677531.92	RP
8	1865875.09	6677812.87	CL/EG
9	1865521.74	6677665.00	RP
10	1865541.84	6677482.44	EG
11	1865531.84	6677509.04	BC
12	1865553.02	6677583.41	EC
13	1865592.47	6677613.79	EG
14	1865878.97	6677807.04	EG
15	1865454.64	6677645.07	EG
16	1865470.76	6677624.68	BC
17	1865553.05	6677608.04	EC
18	1865584.64	6677625.40	EG
19	1865871.21	6677818.70	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		457.95	N34°00'00.00"E

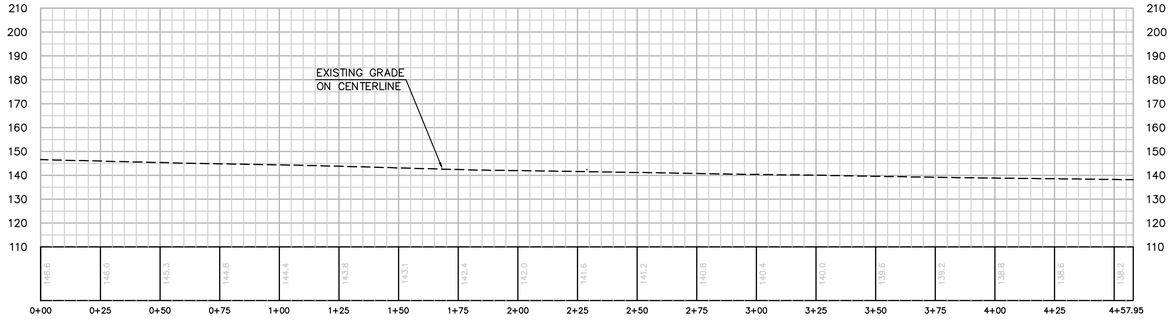
EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 8,558 SF
TOTAL: 11,183 SF

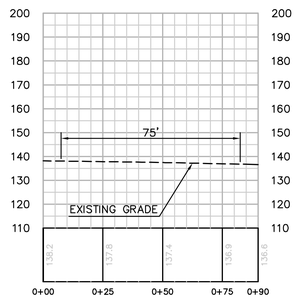
LENGTH OF ACCESS ROAD: 458 LF

TOWER P-332 PLAN
SCALE: 1" = 30'

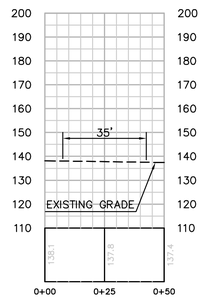
GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO TOWER P-332
HORIZ. & VERT. SCALE: 1" = 30'



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



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

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PE 29708
Exp.3-31-17
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STATE OF CALIFORNIA

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-332

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P332-S1
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CAD NO.:	PLOT SCALE: 1 = 1				

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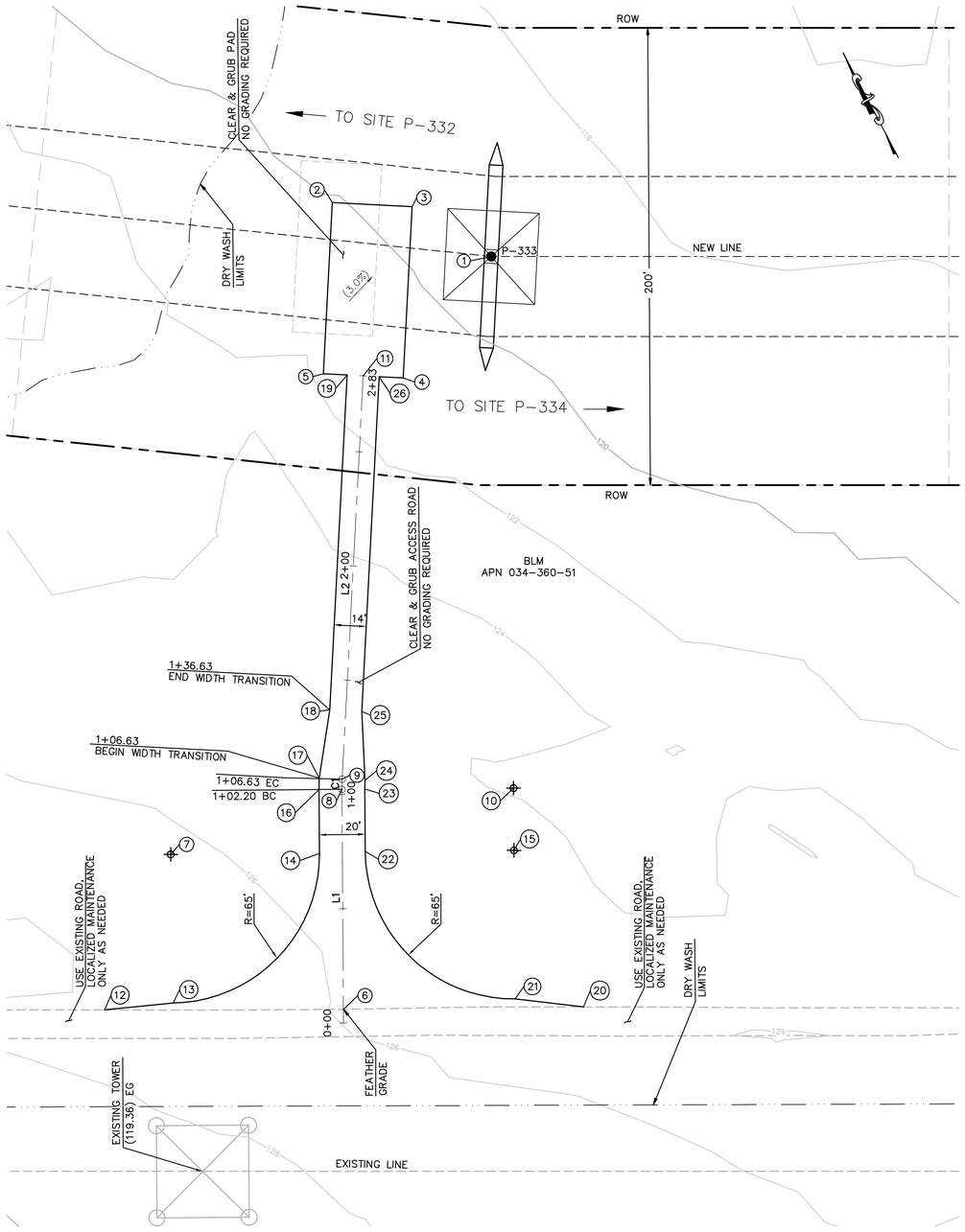
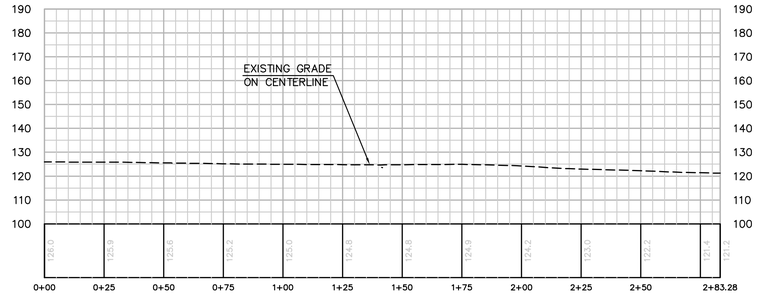


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-333	500 KV EXLA Lattice Angle Tower	-5.99	145.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1864991.88	6679238.51	P-333/(120.81)
2	1865045.06	6679187.92	EG
3	1865027.22	6679218.03	EG
4	1864962.70	6679179.79	EG
5	1864980.55	6679149.68	EG
6	1864730.25	6679028.43	CL/EG
7	1864825.30	6678993.05	RP
8	1864815.82	6679072.54	CL/BC
9	1864819.66	6679074.67	CL/EC
10	1864781.42	6679139.18	RP
11	1864971.62	6679164.73	CL/EG
12	1864778.48	6678935.88	EG
13	1864767.23	6678963.85	BC
14	1864795.52	6679050.82	EC
15	1864757.24	6679126.72	RP
16	1864820.41	6679063.65	BC
17	1864824.76	6679066.06	EC
18	1864849.04	6679083.94	EG
19	1864975.19	6679158.71	EG
20	1864682.51	6679121.88	EG
21	1864699.47	6679096.93	BC
22	1864787.02	6679068.94	EC
23	1864811.24	6679081.42	BC
24	1864814.57	6679083.27	EC
25	1864841.90	6679095.98	EG
26	1864968.05	6679170.76	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	4.44	3°23'18"
L1		102.20	N27°16'02.84"E
L2		176.64	N30°39'20.76"E



PROFILE: ACCESS ROAD TO TOWER P-333

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,663 SF
TOTAL: 9,288 SF

LENGTH OF ACCESS ROAD: 283 LF

TOWER P-333 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
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

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-10B (LINK 1)
SITE P-333

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P333-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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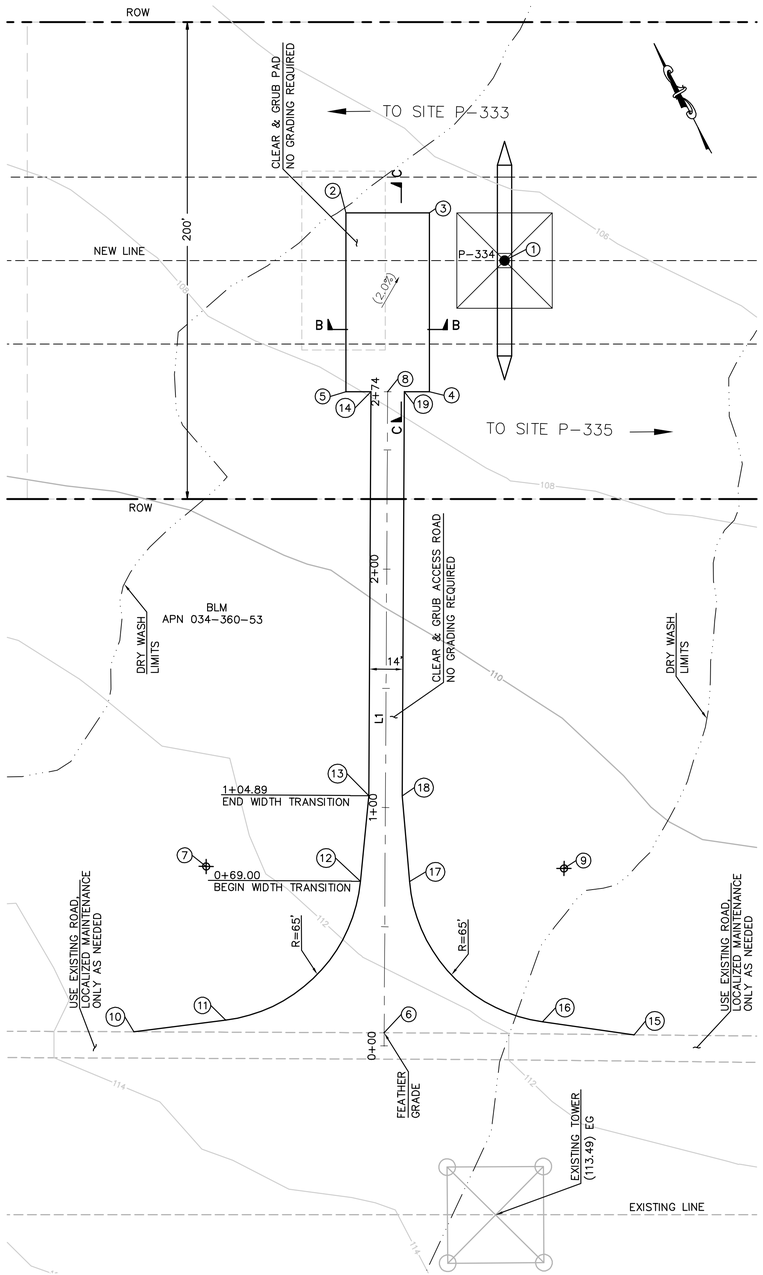
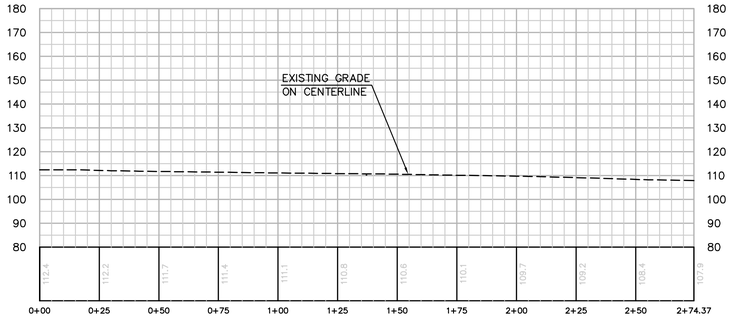


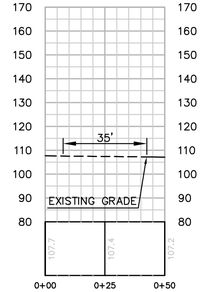
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-334	500 KV EXMT Lattice Tangent Tower	0.00	157.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1864231.33	6680689.26	P-334/(107.68)
2	1864279.93	6680639.67	EG
3	1864263.67	6680670.67	EG
4	1864197.25	6680635.83	EG
5	1864213.51	6680604.84	EG
6	1863967.95	6680494.21	CL/EG
7	1864064.39	6680460.52	RP
8	1864205.38	6680620.33	CL/EG
9	1863994.01	6680592.98	RP
10	1864017.03	6680401.49	EG
11	1864003.49	6680437.81	BC
12	1864028.82	6680514.92	EC
13	1864058.99	6680534.64	EG
14	1864208.63	6680614.13	EG
15	1863918.60	6680586.55	EG
16	1863941.22	6680555.06	BC
17	1864019.17	6680533.05	EC
18	1864052.41	6680547.00	EG
19	1864202.13	6680626.53	EG

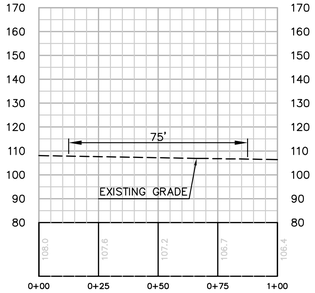
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		274.37	N27°58'36.05"E



PROFILE: ACCESS ROAD TO TOWER P-334
HORIZ. & VERT. SCALE: 1" = 30'



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



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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,788 SF
TOTAL: 9,413 SF

LENGTH OF ACCESS ROAD: 274 LF

TOWER P-334 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P334-S1.dwg[May-24-2010]0559

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REVISIONS

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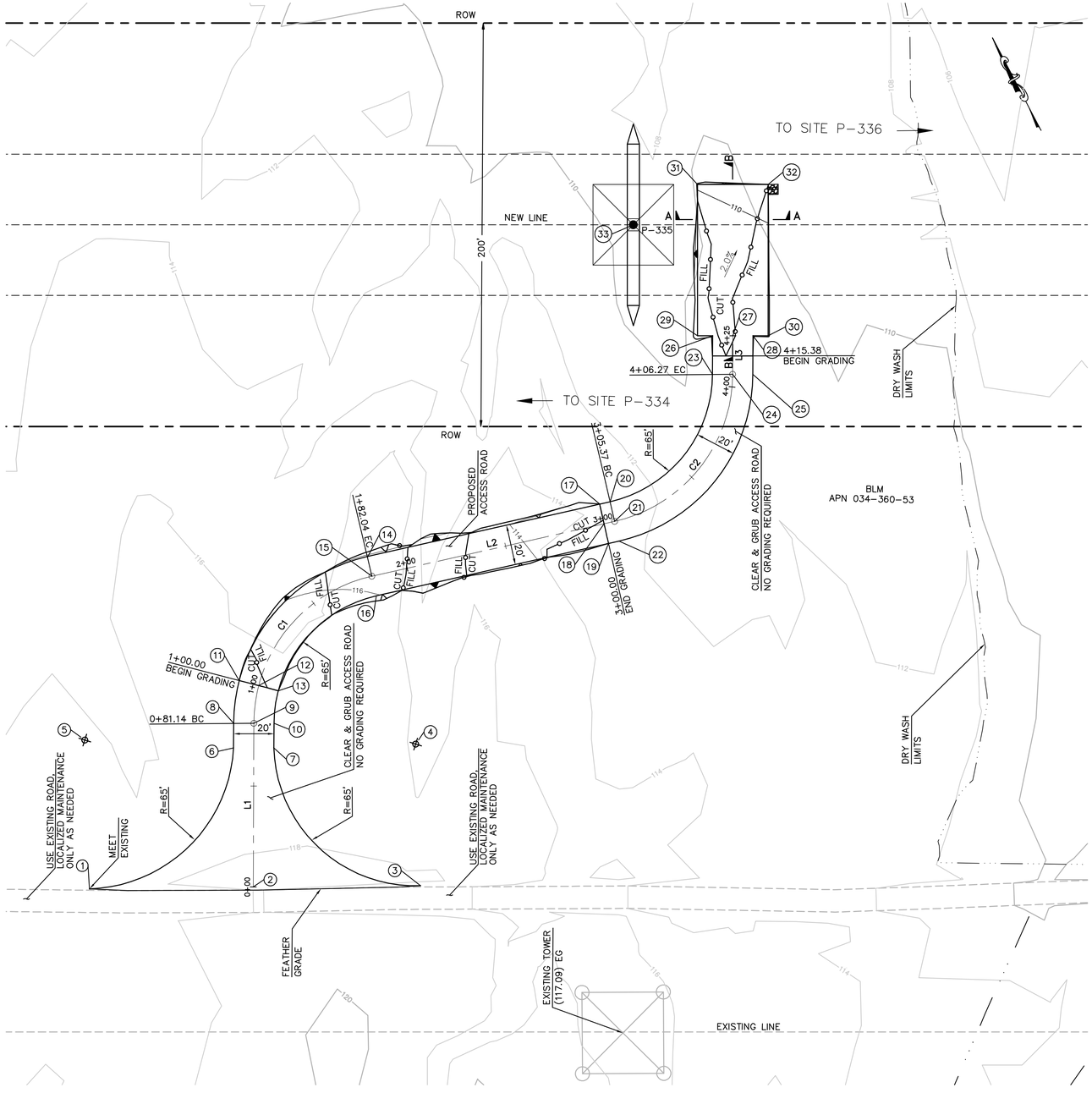
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-334

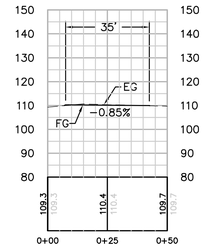
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P334-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



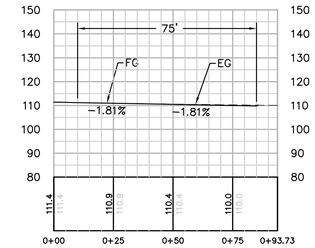
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-335	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1863239.93	6681871.36		EG
2	1863203.07	6681943.73		CL
3	1863165.14	6682017.36		EG
4	1863228.44	6682047.90		RP
5	1863306.33	6681903.59		RP
6	1863268.69	6681967.09		EG
7	1863259.34	6681984.77		EG
8	1863279.48	6681972.80		EG
9	1863274.81	6681981.64		CL/BC
10	1863270.14	6681990.48		EG
11	1863296.94	6681985.04	(116.72)	EG
12	1863290.21	6681992.44	(116.59)	CL
13	1863283.48	6681999.84	(116.46)	EG
14	1863321.54	6682069.76	115.63	FG
15	1863312.23	6682067.28	115.82	CL/EC
16	1863302.57	6682064.70	116.02	FG
17	1863291.49	6682183.83	(113.45)	EG
18	1863281.83	6682181.25	(112.30)	CL
19	1863272.17	6682178.68	(112.27)	EG
20	1863290.10	6682189.02		EG
21	1863280.44	6682186.45		CL/BC
22	1863270.78	6682183.87		EG
23	1863322.54	6682263.25		EG
24	1863317.87	6682272.09		CL/EC
25	1863313.19	6682280.93		EG
26	1863339.41	6682272.16	111.24	FG
27	1863334.76	6682281.02	111.16	CL
28	1863330.12	6682289.87	111.08	FG
29	1863342.89	6682265.52	111.31	FG
30	1863326.64	6682296.52	111.01	FG
31	1863409.31	6682300.35	109.95	FG
32	1863393.06	6682331.35	109.65	FG
33	1863406.37	6682262.91	(109.56)	P-335

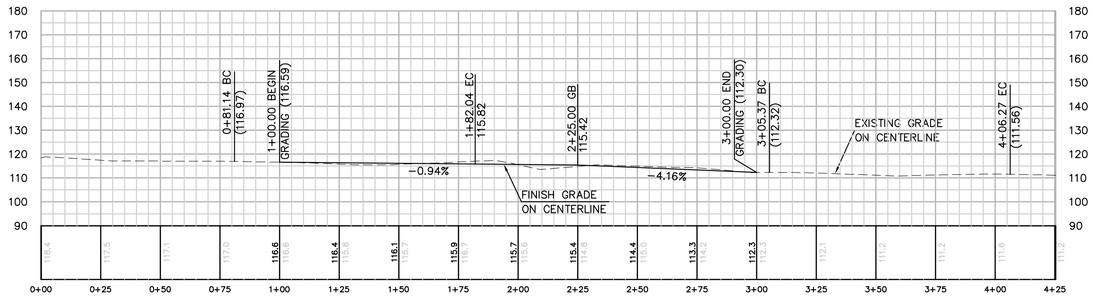
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	100.90	77°04'57"
C2	75.00	100.90	77°04'57"
L1		81.14	N27°51'18"E
L2		123.33	S75°03'46"E
L3		19.11	N27°51'18"E



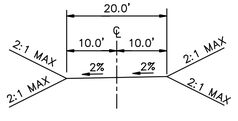
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



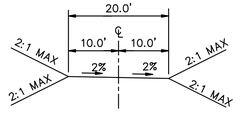
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-335
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 1+00.00 TO 3+00.00



TYPICAL ACCESS ROAD CROSS SECTION
STA 4+15.38 TO 4+25.38

EARTH QUANTITIES:
CUT: 67 CY
FILL: 55 CY
NET: 11 CY

DISTURBED AREA:
PAD: 2,987 SF
ROAD: 10,681 SF
TOTAL: 13,668 SF

QUANTITIES:
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 425 LF

TOWER P-335 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-335

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CAD NO.:	PLOT SCALE: 1 = 1				

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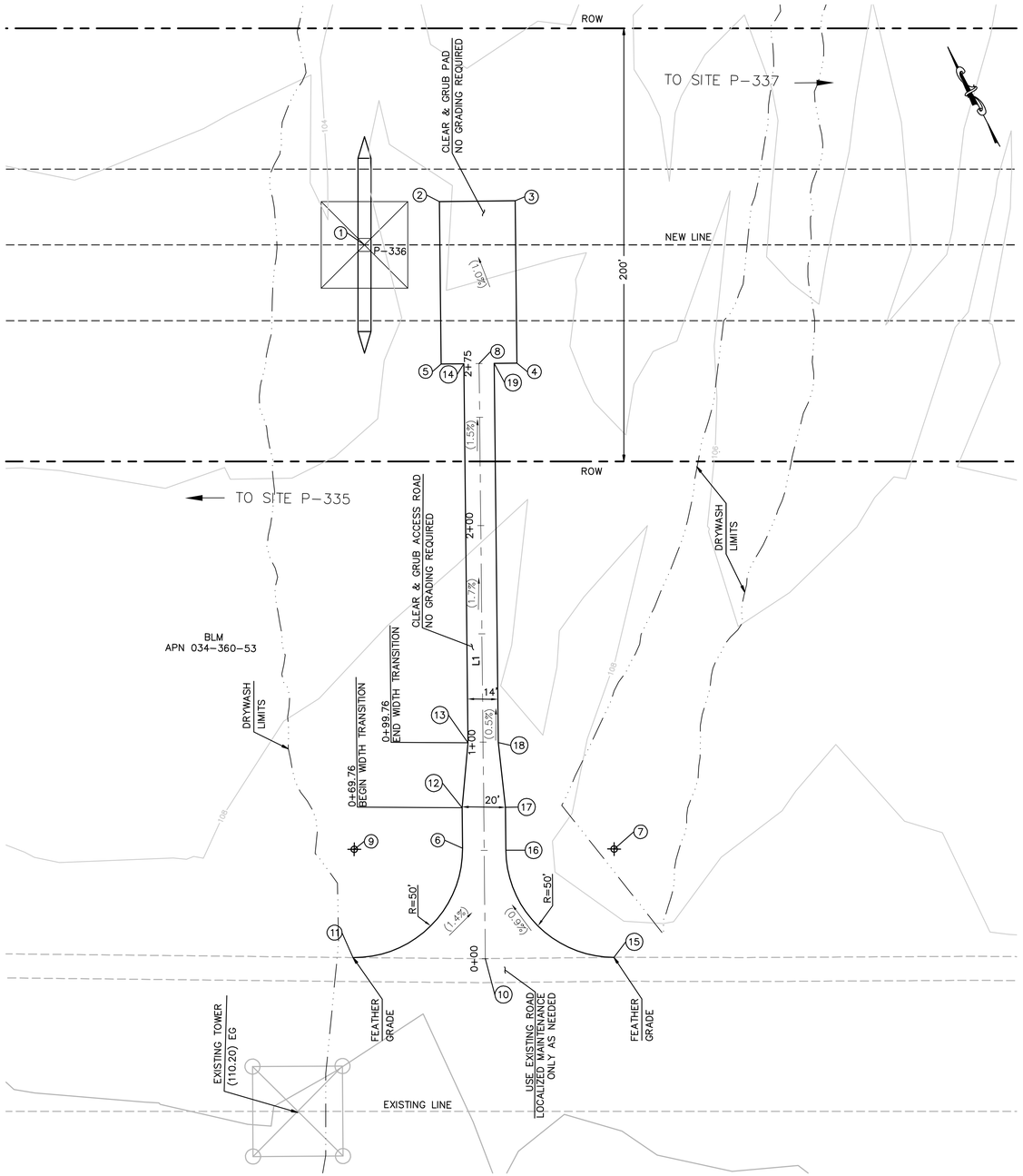

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-336	500 KV EXMT Lattice Tangent Tower	0.00	160.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1862575.36	6683848.08	P- 336/(106.13)
2	1862577.03	6683888.02	EG
3	1862561.10	6683919.19	EG
4	1862494.31	6683885.06	EG
5	1862510.24	6683853.89	EG
6	1862307.65	6683758.80	EC
7	1862274.78	6683820.61	RP
8	1862502.28	6683869.48	CL
9	1862330.40	6683714.27	RP
10	1862257.57	6683744.44	CL
11	1862286.37	6683690.58	BC
12	1862324.24	6683767.28	EG
13	1862349.59	6683783.60	EG
14	1862505.46	6683863.24	EG
15	1862230.52	6683797.34	EC
16	1862297.53	6683776.09	BC
17	1862315.14	6683785.09	EG
18	1862343.22	6683796.06	EG
19	1862499.09	6683875.71	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		274.80	N27°03'58"E

PROFILE: ACCESS ROAD TO TOWER P-336

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 5,446 SF
TOTAL: 8,071 SF

LENGTH OF ACCESS ROAD: 275 LF

TOWER P-336 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P336-S1.dwg Mon - 24-2010 11:12

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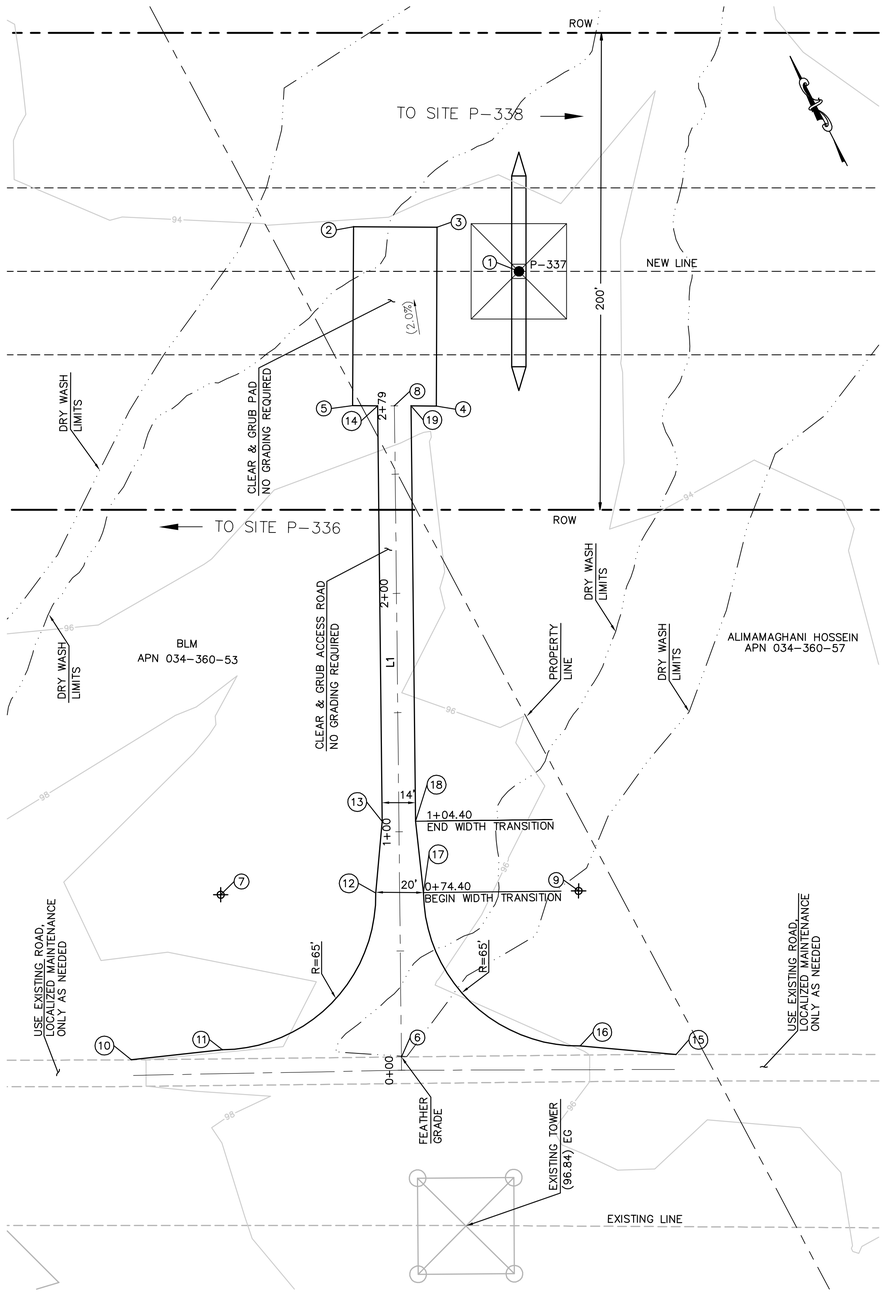
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-336

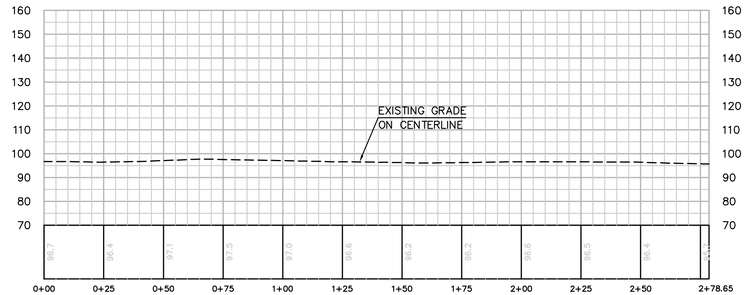
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P336-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-337	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1861757.76	6685407.66	P-337/(94.50)
2	1861806.52	6685354.93	EG
3	1861790.13	6685385.86	EG
4	1861723.87	6685350.74	EG
5	1861740.25	6685319.81	EG
6	1861488.87	6685211.08	CL
7	1861584.27	6685175.59	RP
8	1861732.06	6685335.27	CL
9	1861516.05	6685309.18	RP
10	1861540.37	6685110.23	EG
11	1861526.39	6685146.03	BC
12	1861554.71	6685233.48	EC
13	1861580.07	6685249.79	EG
14	1861735.34	6685329.09	EG
15	1861436.34	6685313.53	EG
16	1861458.17	6685279.61	BC
17	1861545.62	6685251.29	EC
18	1861573.70	6685262.26	EF
19	1861728.78	6685341.46	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		278.65	N27°03'09.32"E



PROFILE: ACCESS ROAD TO TOWER P-337

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 6804 SF
TOTAL: 9429 SF

LENGTH OF ACCESS ROAD: 279 LF

TOWER P-337 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-337

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P337-S1
CHECKED BY:	DATE:				
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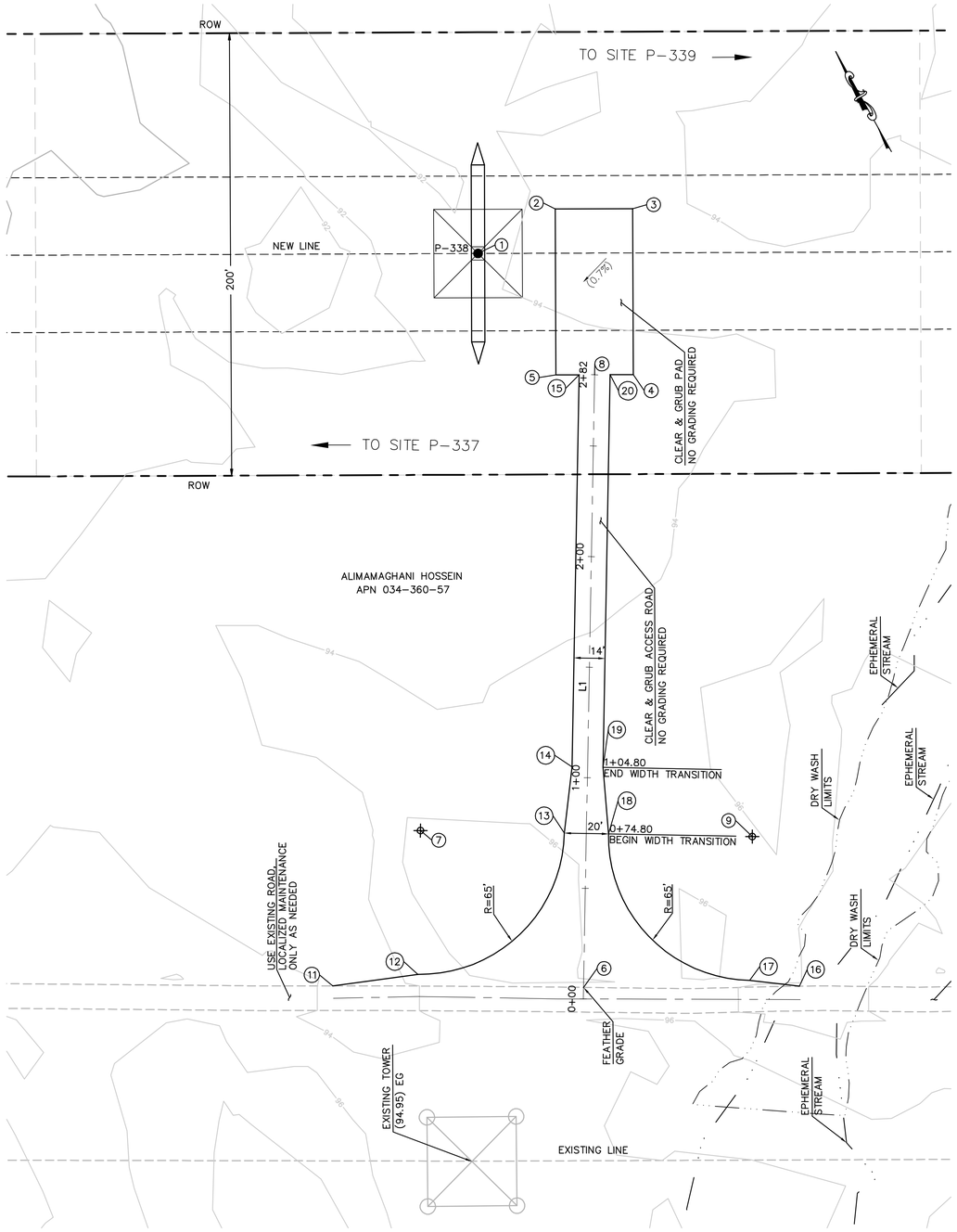
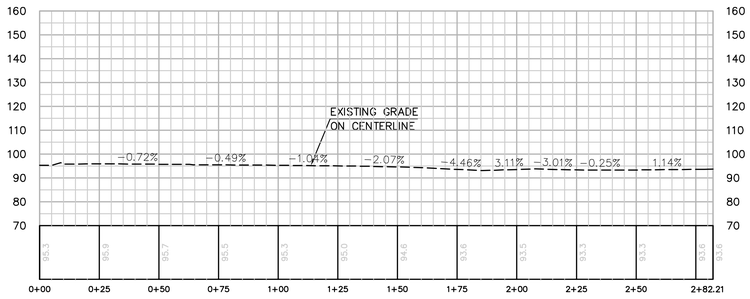
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-338	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1860939.30	6686968.90	P-338/(92.41)
2	1860940.76	6687009.18	EG
3	1860924.50	6687040.18	EG
4	1860858.08	6687005.35	EG
5	1860874.34	6686974.35	EG
6	1860623.77	6686855.92	CL
7	1860720.93	6686823.91	RP
8	1860866.21	6686989.85	CL
9	1860648.40	6686955.21	RP
11	1860677.40	6686756.05	EG
12	1860664.03	6686792.48	BC
13	1860689.50	6686880.80	EC
14	1860714.31	6686897.94	EG
15	1860869.46	6686983.65	EG
16	1860578.62	6686942.42	EG
17	1860591.50	6686923.78	BC
18	1860679.83	6686898.31	EC
19	1860707.54	6686910.19	EG
20	1860862.96	6686996.05	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		282.21	N28°55'01.81"E



PROFILE: ACCESS ROAD TO TOWER P-338

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 6830 SF
TOTAL: 9455 SF

LENGTH OF ACCESS ROAD: 282 LF

TOWER P-338 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-338

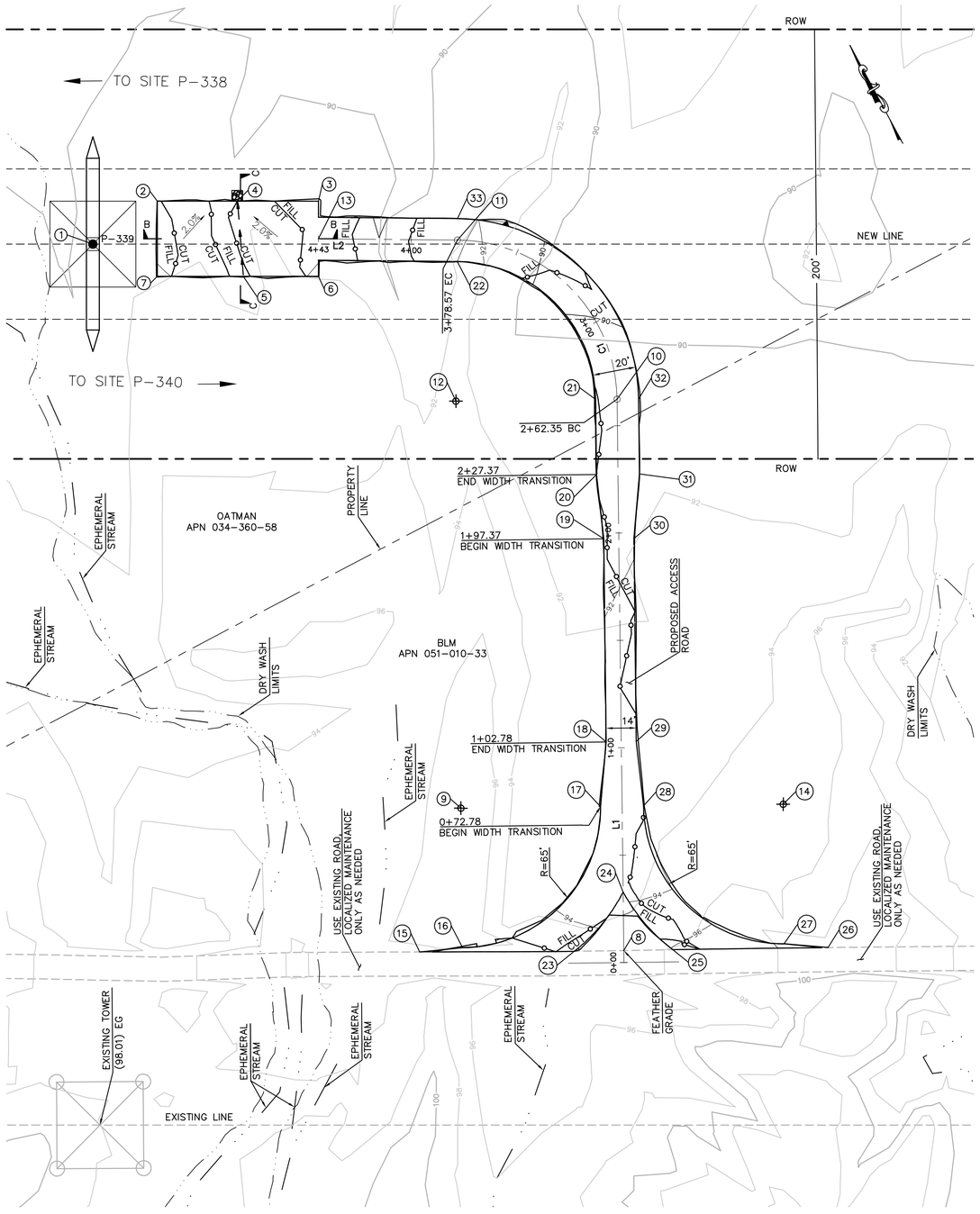
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P338-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–339	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1860119.19	6688533.29	(91.42)	P–339
2	1860122.97	6688569.15	91.60	FG
3	1860088.13	6688635.57	91.63	FG
4	1860105.70	6688602.08	91.05	FG
5	1860073.39	6688588.32	91.55	FG
6	1860057.14	6688619.31	92.08	FG
7	1860091.97	6688552.89	92.08	FG
8	1859713.14	6688599.41	(95.42)	CL
9	1859807.04	6688563.03		RP
10	1859942.00	6688715.84	90.76	CL/BC
11	1860042.12	6688684.41	91.80	CL/EC
12	1859976.00	6688648.99		RP
13	1860072.63	6688627.44	91.85	CL
14	1859739.03	6688696.73		RP
15	1859756.69	6688514.98	(95.38)	EG
16	1859749.11	6688533.56	95.91	BC
17	1859777.57	6688620.97	93.58	EC
18	1859802.95	6688637.24	92.60	FG
19	1859887.26	6688680.13	91.61	FG
20	1859915.36	6688691.06	91.21	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1859946.53	6688706.92	90.96	BC
22	1860033.30	6688679.68	92.00	EC
23	1859723.51	6688578.76	(94.20)	BC
24	1859737.39	6688611.74	93.73	EC
25	1859702.92	6688619.78	(96.11)	BC
26	1859670.26	6688684.18	(98.95)	EG
27	1859681.29	6688666.87	98.13	BC
28	1859768.50	6688638.79	93.18	EC
29	1859796.60	6688649.72	92.88	FG
30	1859880.91	6688692.61	91.89	FG
31	1859906.29	6688708.89	91.60	FG
32	1859937.46	6688724.75	90.56	BC
33	1860050.93	6688689.13	91.60	EC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	116.22	88°47'09"
L1		262.35	N26°57'52.38"E
L2		64.63	N61°49'17.10"W



EARTH QUANTITIES:
CUT: 91 CY
FILL: 55 CY
NET: 36 CY

DISTURBED AREA:
PAD: 2782 SF
ROAD: 10313 SF
TOTAL: 13095 SF

QUANTITIES:
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 443 LF

TOWER P-339 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
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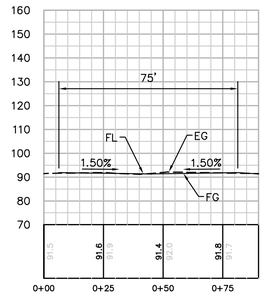
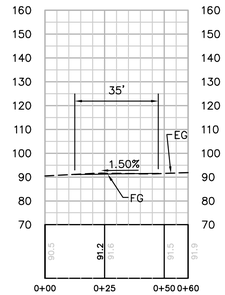
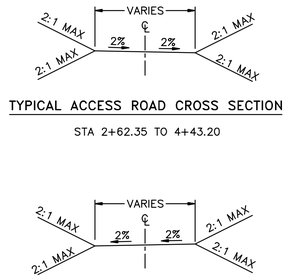
1"=30'



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

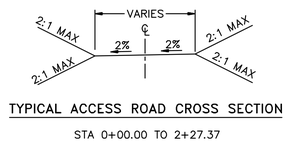


SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



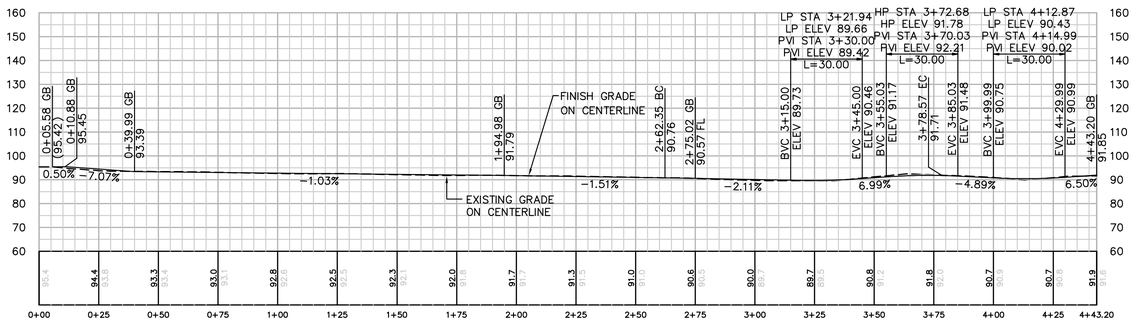
TYPICAL ACCESS ROAD CROSS SECTION

STA 2+62.35 TO 4+43.20



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 2+27.37



PROFILE: ACCESS ROAD TO TOWER P-339
HORIZ. & VERT. SCALE: 1" = 30'

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
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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–10B (LINK 1)
SITE P–339

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B–P339–S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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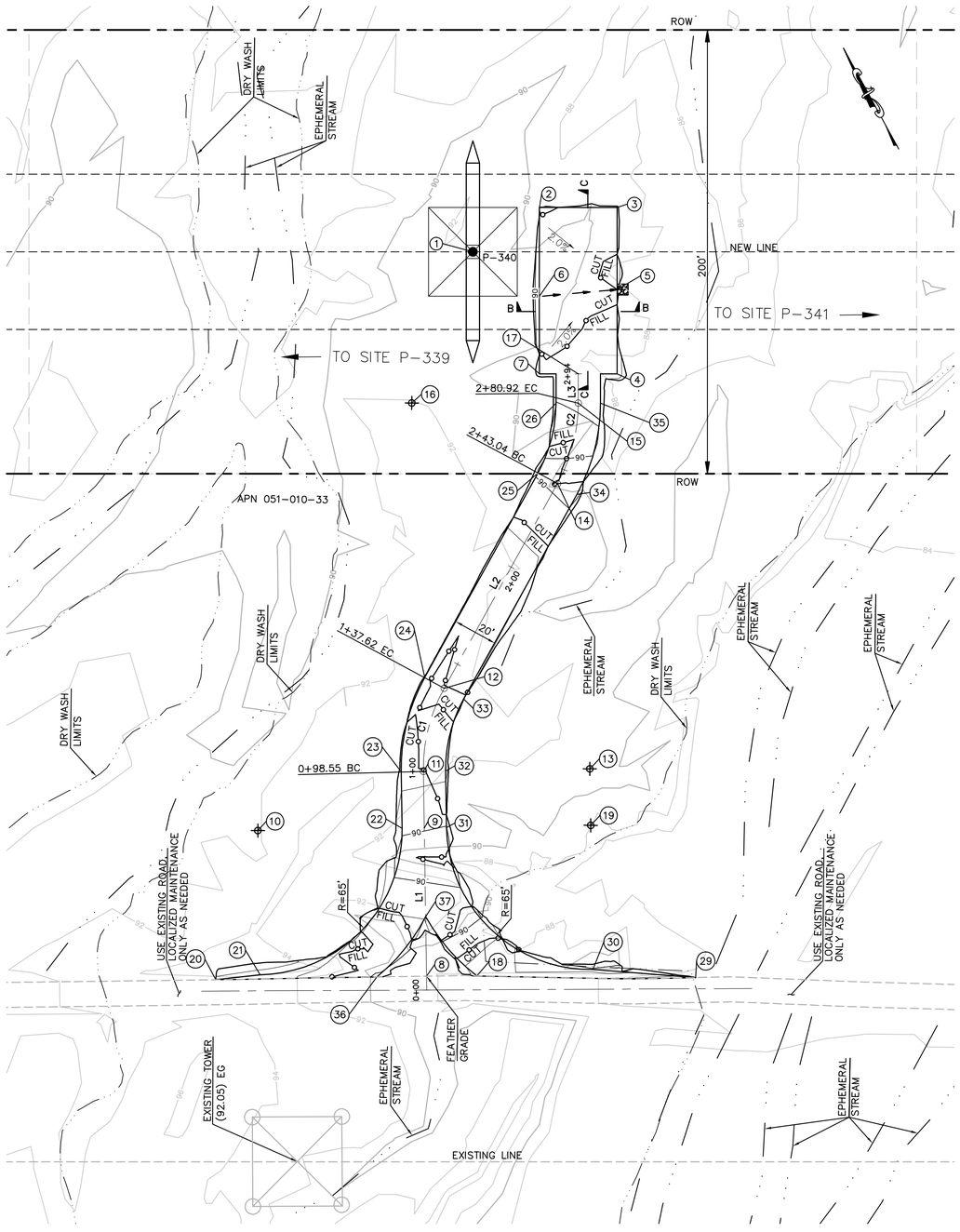
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-340	500 KV EXMT Lattice Tangent Tower	0.00	133.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1859404.92	6689895.78	(90.59)	P-340
2	1859408.69	6689931.64	89.50	FG
3	1859392.44	6689962.64	88.96	FG
4	1859326.02	6689927.80	89.07	FG
5	1859359.69	6689945.46	88.51	FG
6	1859373.21	6689912.97	89.00	FG
7	1859342.27	6689896.81	89.54	FG
8	1859125.47	6689725.75	(88.34)	CL
9	1859185.12	6689755.85	90.14	CL
10	1859218.90	6689688.89		RP
11	1859207.86	6689767.33	92.67	CL/BC
12	1859236.71	6689793.02	92.59	CL/EC
13	1859174.08	6689834.29		RP
14	1859294.71	6689881.04	89.64	CL/BC
15	1859322.50	6689906.20	89.83	CL/EC
16	1859357.33	6689839.78		RP
17	1859334.15	6689912.30	89.30	CL
18	1859115.06	6689745.94	(87.09)	EG
19	1859151.33	6689822.81		RP
20	1859168.14	6689640.88	(93.30)	EG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1859160.87	6689659.61	92.90	FG
22	1859189.62	6689746.92	90.34	EC
23	1859212.37	6689758.40	92.87	BC
24	1859245.06	6689787.52	92.79	EC
25	1859303.06	6689875.54	89.84	BC
26	1859327.15	6689897.34	90.03	EC
29	1859068.63	6689832.79	(85.10)	EG
30	1859093.30	6689793.53	89.75	FG
31	1859180.61	6689764.78	89.94	EC
32	1859203.36	6689776.25	92.47	BC
33	1859228.36	6689798.52	92.39	EC
34	1859286.36	6689886.55	89.44	BC
35	1859317.86	6689915.05	89.63	EC
36	1859135.58	6689705.71	(89.81)	EG
37	1859149.40	6689737.83	91.80	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	39.07	29°50'46"
C2	75.00	37.89	28°56'38"
L1		98.55	N26°46'19"E
L2		105.42	N56°37'05"E
L3		13.15	N27°40'27"E



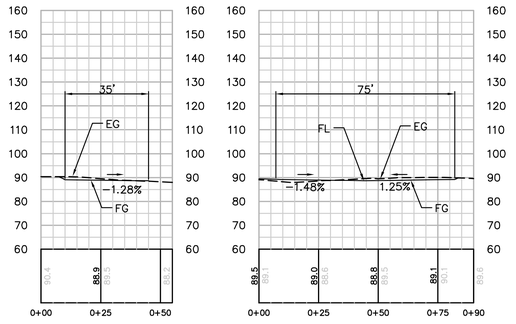
TOWER P-340 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE

30 0 30 60

1"=30'

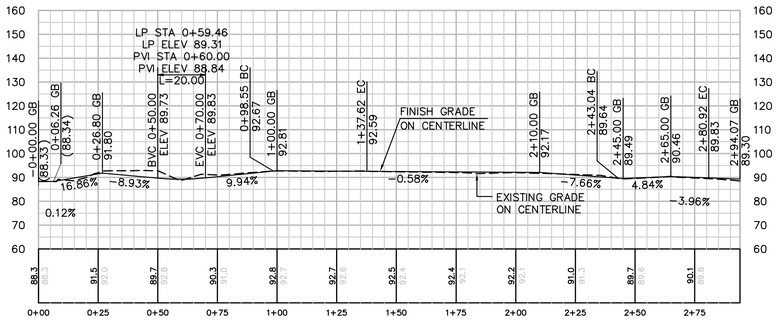


SECTION B-B

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

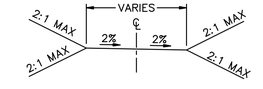
SECTION C-C

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



PROFILE: ACCESS ROAD TO TOWER P-340

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 2+94.07

EARTH QUANTITIES:
CUT: 187 CY
FILL: 87 CY
NET: 100 CY

DISTURBED AREA:
PAD: 2929 SF
ROAD: 8288 SF
TOTAL: 11217 SF

QUANTITIES:
RIP RAP: 25 SF
LENGTH OF ACCESS ROAD: 294 LF

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — PE# 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-10B (LINK 1)

SITE P-340

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				10B-P340-S1
CAD NO.:	PLOT SCALE: 1 = 1				

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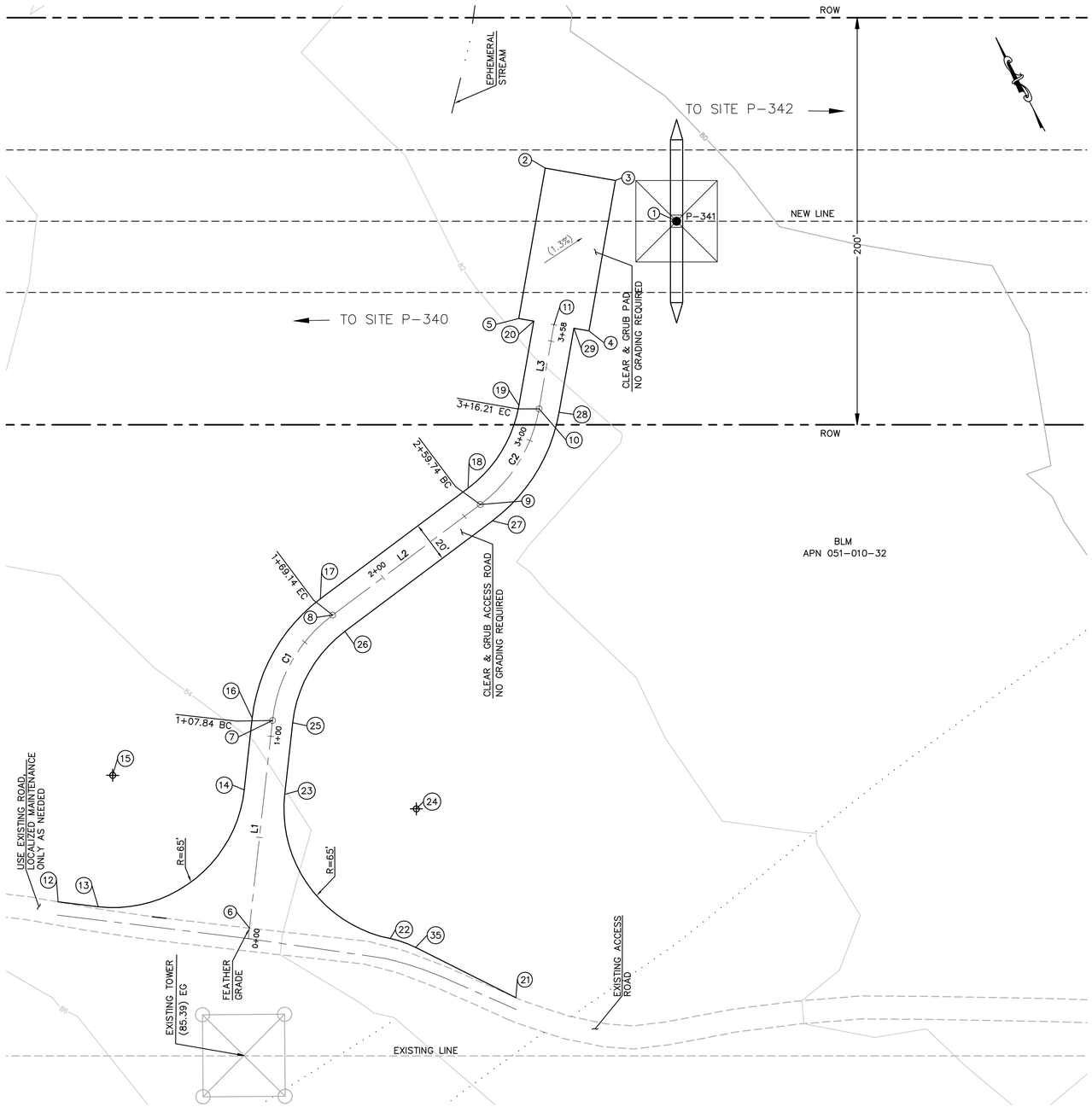
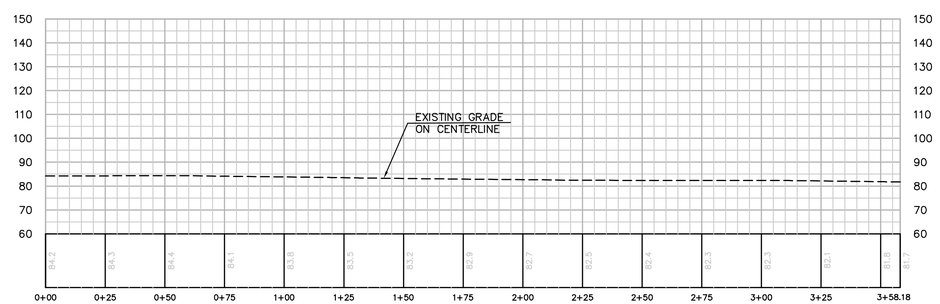


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-341	500 KV EXLD Lattice Dead-end Tower	0.00	147.75

NUMBER	NORTHING	EASTING	DESCRIPTION
1	1858667.06	6691303.26	P-341/(80.85)
2	1858720.09	6691258.27	FG
3	1858698.71	6691285.98	FG
4	1858639.34	6691240.15	FG
5	1858660.72	6691212.44	FG
6	1858456.87	6690956.25	CL
7	1858542.01	6691013.62	CL/BC
8	1858574.13	6691063.83	CL/EC
9	1858588.60	6691153.27	CL/BC
10	1858616.81	6691200.65	CL/EC
11	1858650.03	6691226.30	CL
12	1858511.95	6690878.99	EG
13	1858500.65	6690895.31	BC
14	1858518.23	6690985.54	EC
15	1858554.56	6690931.63	RP
16	1858547.59	6691005.32	BC
17	1858584.00	6691062.23	EC
18	1858598.48	6691151.67	BC
19	1858622.92	6691192.74	EC
20	1858656.14	6691218.38	FG
21	1858365.84	6691056.29	EG
22	1858420.26	6691015.07	PRC
23	1858507.06	6691002.12	EC
24	1858470.73	6691056.03	RP
25	1858536.42	6691021.91	BC
26	1858564.26	6691065.43	EC
27	1858578.73	6691154.86	BC
28	1858610.70	6691208.57	EC
29	1858643.92	6691234.21	FG
35	1858410.59	6691024.18	BC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	61.30	46°49'56"
C2	75.00	56.47	43°08'30"
L1		107.84	N33°58'28.87"E
L2		90.60	N80°48'25.25"E
L3		41.96	N37°39'55.08"E



PROFILE: ACCESS ROAD TO TOWER P-341

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

EARTH QUANTITIES:

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

DISTURBED AREA:

PAD: 2625 SF
ROAD: 9263 SF
TOTAL: 11888 SF

LENGTH OF ACCESS ROAD: 358 LF

TOWER P-341 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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Bureau Veritas North America
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www.us.bureauveritas.com

REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
No. 29108
Exp.3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

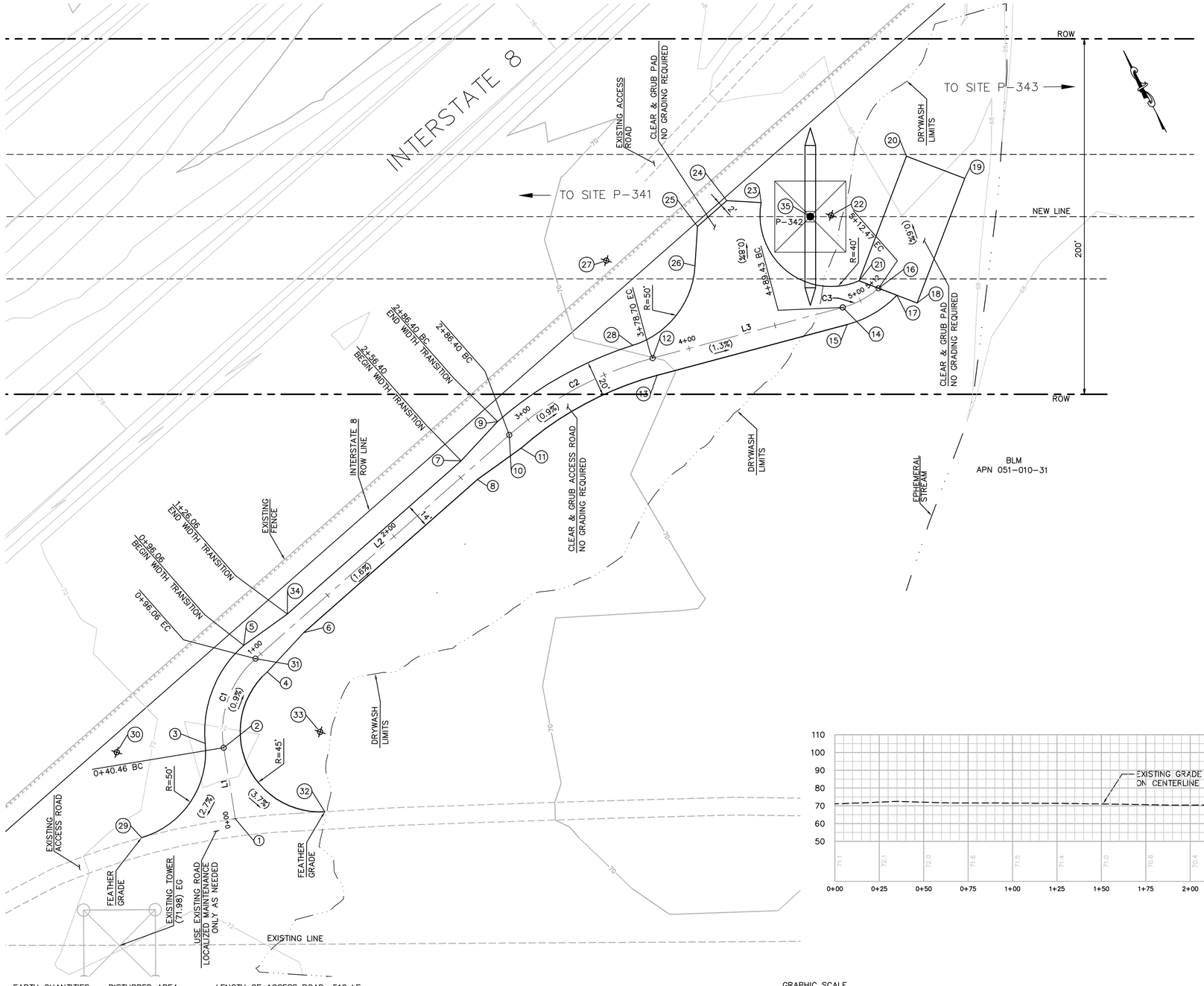
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-341

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P341-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

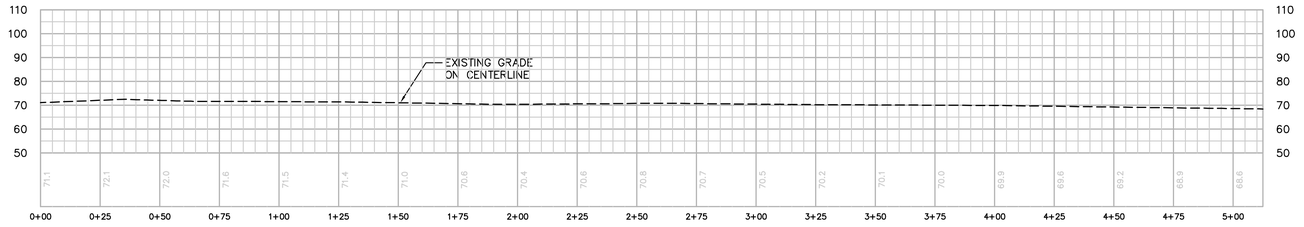


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-342	500 KV EXLD Lattice Dead-end Tower	0.00	153.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	55.00	55.60	57°55'22"
C2	200.00	92.30	26°26'31"
C3	50.00	23.04	26°23'54"
L1		40.46	N18°21'08"E
L2		190.34	N76°16'30"E
L3		110.73	S77°16'59"E

NUMBER	NORTHING	EASTING	DESCRIPTION
1	1857720.45	6692379.32	CL
2	1857758.85	6692392.06	CL/BC
3	1857765.81	6692383.97	PRC
4	1857785.25	6692433.59	EC
5	1857804.68	6692428.84	EG
6	1857795.28	6692462.02	EG
7	1857839.81	6692585.32	EG
8	1857826.21	6692588.64	EG
9	1857849.84	6692613.75	BC
10	1857840.13	6692616.12	CL/BC
11	1857830.41	6692618.49	BC
12	1857840.93	6692707.60	CL/EC
13	1857831.18	6692705.40	EC
14	1857816.56	6692815.61	CL/BC
15	1857806.80	6692813.41	BC
16	1857816.75	6692838.44	CL/EC
17	1857808.47	6692845.77	EG
18	1857799.31	6692853.86	EG
19	1857848.99	6692910.05	EG
20	1857875.21	6692886.86	EG
21	1857825.54	6692830.67	EG
22	1857865.41	6692833.80	RP
23	1857890.07	6692802.31	EG
24	1857900.08	6692785.73	EG
25	1857894.85	6692764.31	EG
26	1857875.81	6692752.81	EC
27	1857901.66	6692710.01	RP
28	1857852.46	6692701.08	PRC
29	1857735.48	6692327.67	BC
30	1857784.49	6692337.59	RP
31	1857794.97	6692431.21	CL/EC
32	1857700.54	6692425.71	BC
33	1857741.54	6692444.26	RP
34	1857808.88	6692458.70	EG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
35	1857870.27	6692823.16	(69.11)	P-342



PROFILE: ACCESS ROAD TO TOWER P-342

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 13,339 SF
TOTAL: 15,964 SF

LENGTH OF ACCESS ROAD: 512 LF

TOWER P-342 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P342-S1.dwg Mon, 24-2010 11:16

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www.us.bureauveritas.com

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

REVISIONS

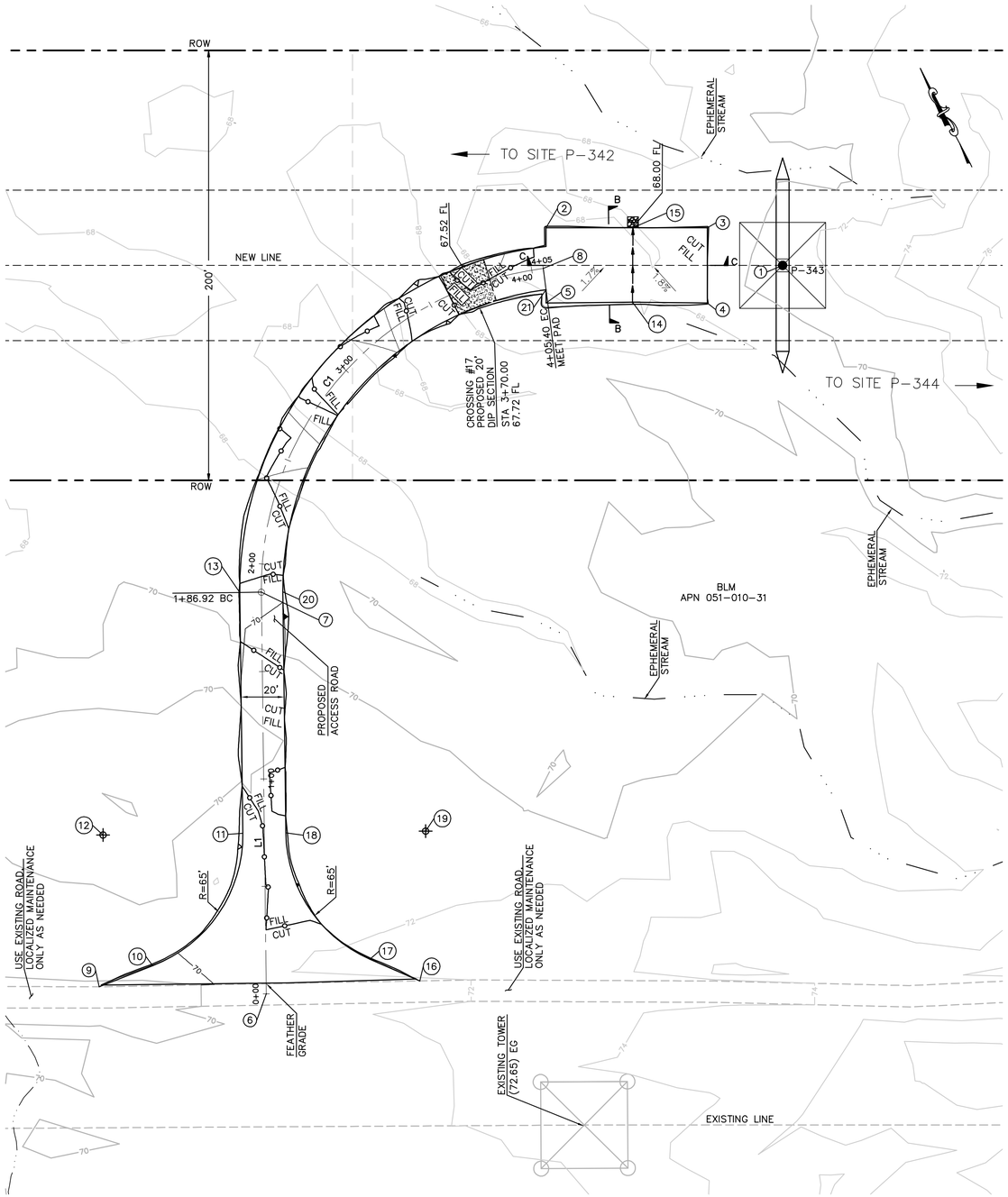
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-342

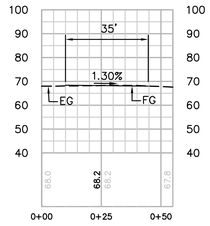
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P342-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–343	500 KV EXMT Lattice Tangent Tower	0.00	160.50

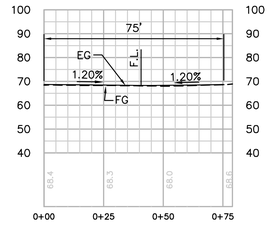
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	150.00	218.49	83°27'19"
L1		186.92	N26°57'42"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1857197.56	6694106.37	(69.88)	P–343
2	1857264.15	6694017.08	68.49	FG
3	1857229.32	6694083.50	68.42	FG
4	1857198.32	6694067.24	68.87	FG
5	1857233.15	6694000.82	(68.94)	FG
6	1857008.81	6693736.40	70.48	CL
7	1857175.41	6693821.14	69.66	CL/BC
8	1857247.97	6694007.17	(68.68)	CL/EC
9	1857047.82	6693669.14	69.28	EG
10	1857044.96	6693695.73	69.64	BC
11	1857080.03	6693761.40	70.48	EC
12	1857109.50	6693703.47		RP
13	1857179.94	6693812.23	69.46	BC
14	1857214.87	6694036.63	68.45	FG
15	1857245.40	6694052.85	(68.00)	FG/FL
16	1856981.01	6693802.39	71.62	EG
17	1857000.75	6693786.51	71.69	BC
18	1857070.96	6693779.23	70.88	EC
19	1857041.49	6693837.16		RP
20	1857170.87	6693830.06	69.86	BC
21	1857238.60	6694003.68	68.86	EC



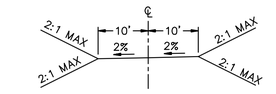
SECTION B-B

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



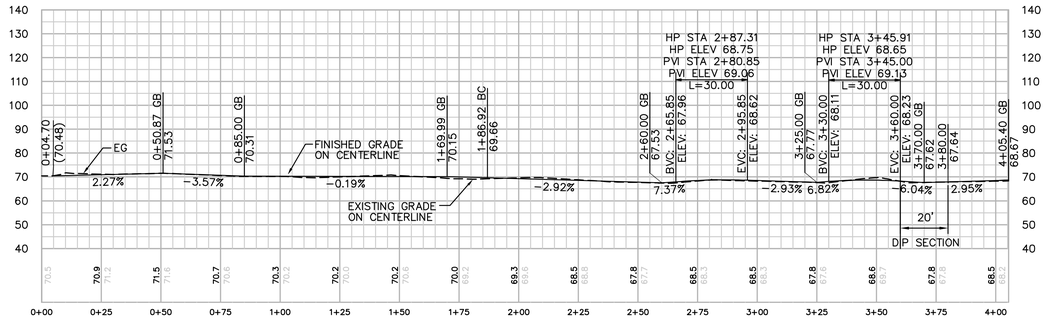
SECTION C-C

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+72 TO 4+05.40



PROFILE: ACCESS ROAD TO TOWER P-343

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

EARTH QUANTITIES:
CUT: 97 CY
FILL: 77 CY
NET: 9 CY

DISTURBED AREA:
PAD: 2,751 SF
ROAD: 11,013 SF
TOTAL: 13,764 SF

QUANTITIES:
RIP RAP: 25 SF
DIP SECTIONS: 398 SF

LENGTH OF ACCESS ROAD: 405 LF

DIP SECTION EXPORT: 15 CY

TOWER P-343 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P343-S1.dwg CMay-24-2010 11:17

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

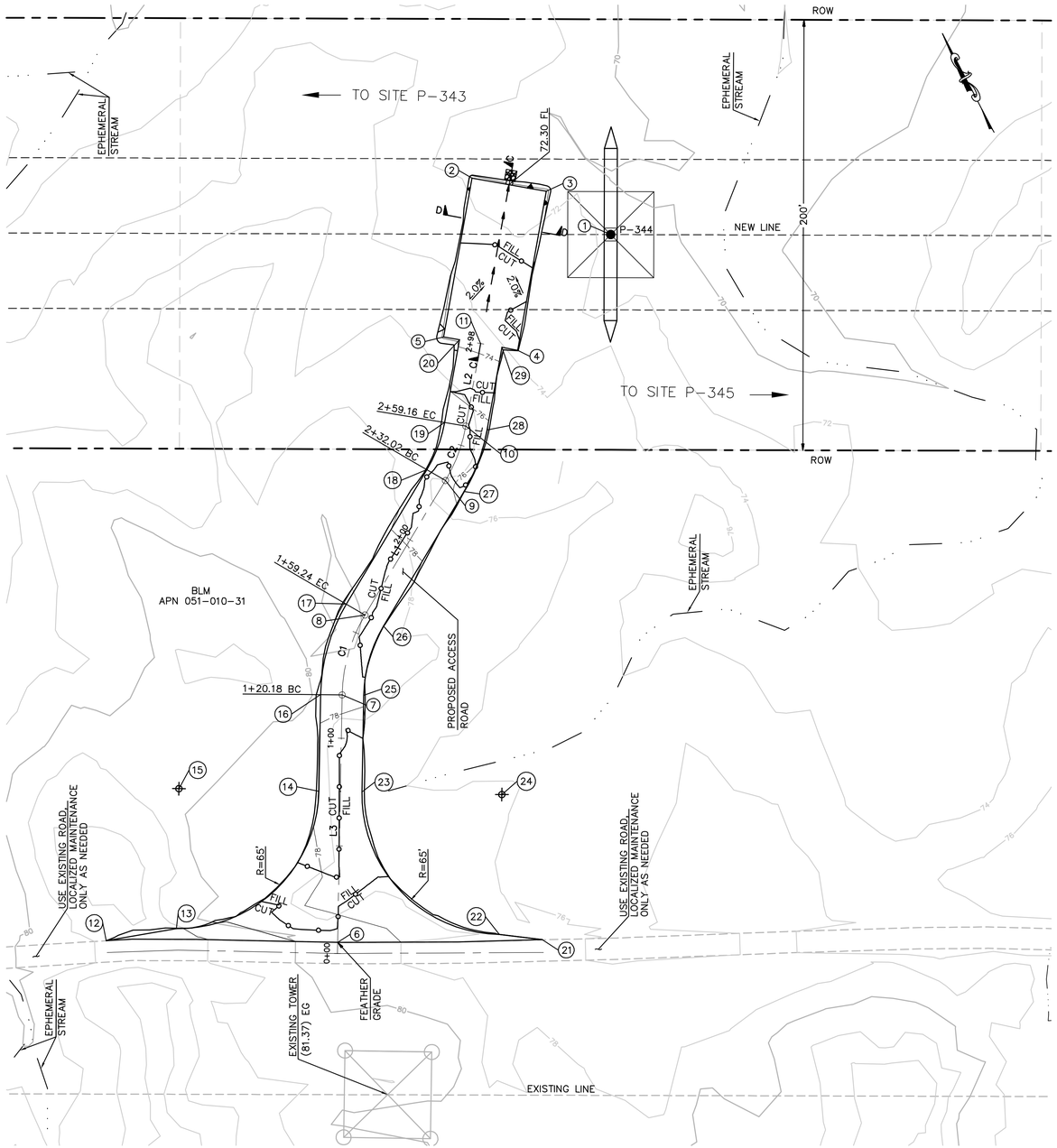
REVISIONS

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–10B (LINK 1)
SITE P–343

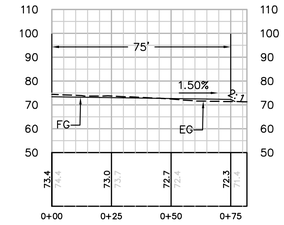
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B–P343–S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



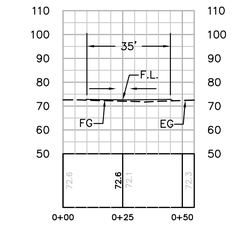
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-344	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1856438.26	6695554.75	(71.85)	P-344
2	1856491.30	6695509.76	72.53	FG
3	1856469.91	6695537.47	72.53	FG
4	1856410.54	6695491.64	73.65	FG
5	1856431.93	6695463.93	73.65	FG
6	1856205.18	6695290.37	(79.04)	CL/EG
7	1856306.19	6695345.36	78.60	CL/BC
8	1856334.21	6695371.93	79.18	CL/EC
9	1856372.35	6695433.92	76.09	CL/BC
10	1856390.40	6695453.98	76.34	CL/EC
11	1856421.23	6695477.79	73.42	CL/FG
12	1856255.51	6695195.37	(82.35)	EG
13	1856245.47	6695226.91	82.30	BC
14	1856271.49	6695315.08	77.89	EC
15	1856302.56	6695257.99		RP
16	1856310.97	6695336.57	78.80	BC
17	1856342.69	6695366.62	79.38	EC
18	1856380.87	6695428.68	76.29	BC
19	1856396.51	6695446.07	76.54	EC
20	1856427.34	6695469.87	73.55	FG
21	1856162.44	6695375.27	(76.41)	EG
22	1856173.76	6695358.66	77.60	BC
23	1856261.92	6695332.64	77.49	EC
24	1856230.85	6695389.73		RP
25	1856301.41	6695354.14	78.40	BC
26	1856325.69	6695377.17	78.98	EC
27	1856363.83	6695439.16	75.89	BC
28	1856384.29	6695461.90	76.14	EC
29	1856415.12	6695485.70	73.55	FG

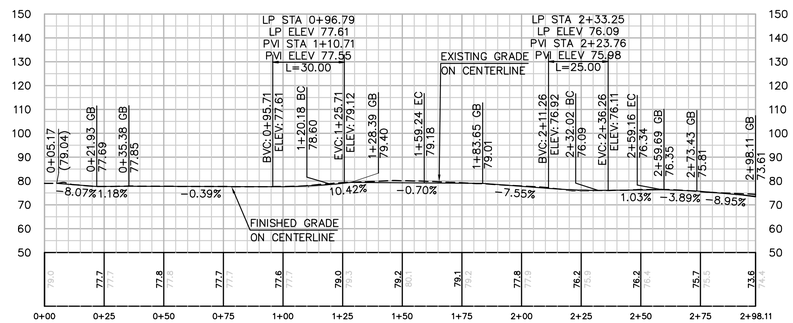
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	39.05	29°50'09"
C2	75.00	27.14	20°43'58"
L1		72.78	N58°23'53.54"E
L2		38.96	N37°39'55.09"E
L3		120.18	N28°33'44.78"E



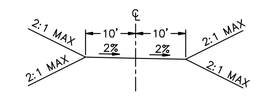
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD TO TOWER P-344
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+98.00

EARTH QUANTITIES:
CUT: 112 CY
FILL: 58 CY
NET: 54 CY

DISTURBED AREA:
PAD: 3,386 SF
ROAD: 8,445 SF
TOTAL: 11,831 SF

QUANTITIES:
RIP RAP: 25 SF
DOWNDRAIN: 2 LF
LENGTH OF ACCESS ROAD: 298 LF

TOWER P-344 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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RCE 29708
Exp. 3-31-19
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STATE OF CALIFORNIA

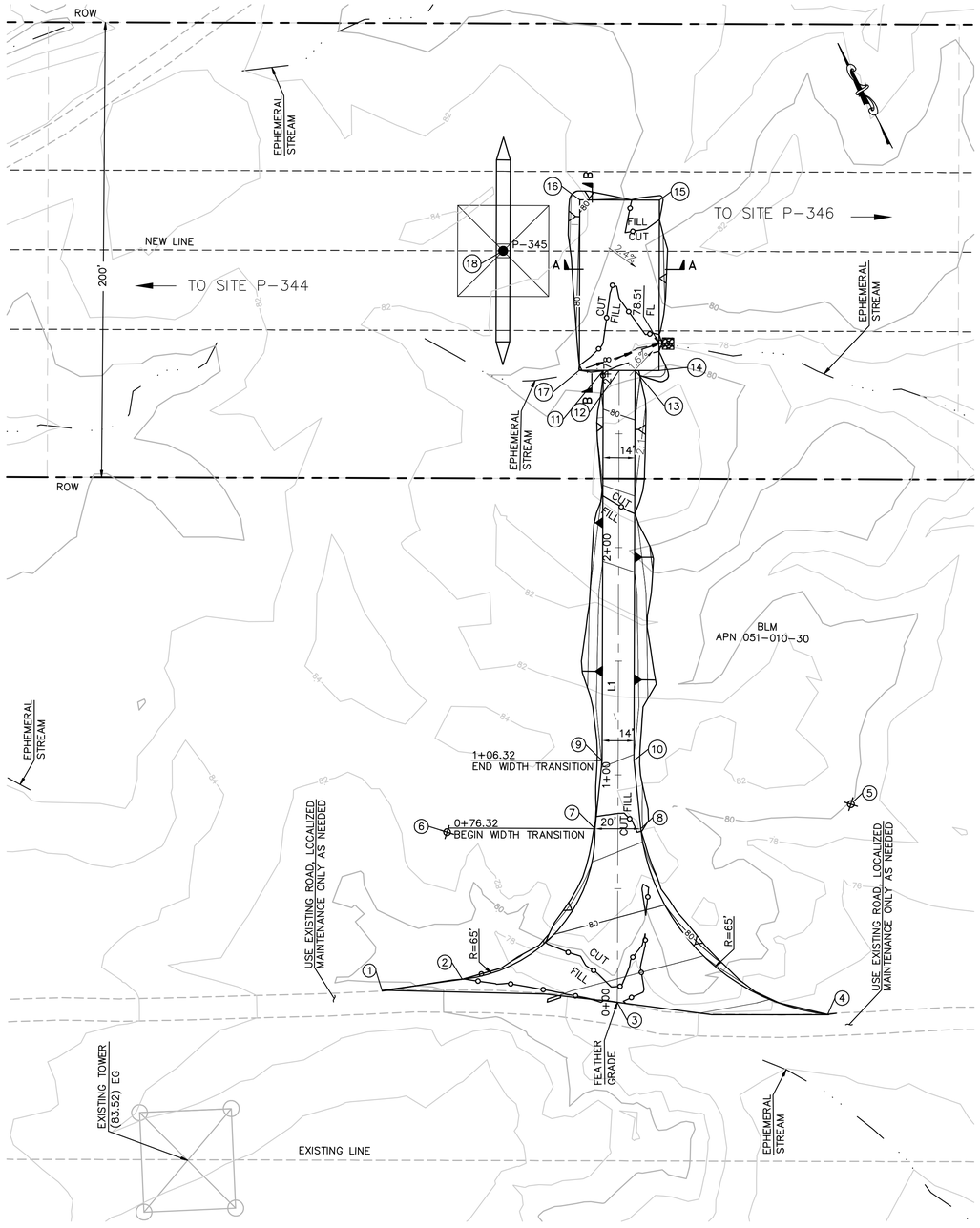
REVISIONS

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-10B (LINK 1)
SITE P-344

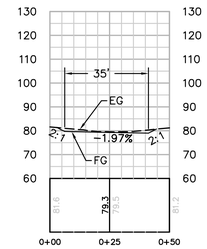
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				10B-P344-S1
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



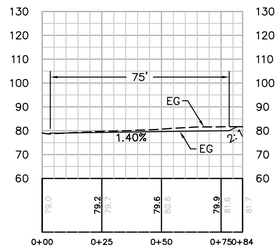
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-345	500 KV EXMT Lattice Tangent Tower	0.00	157.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1855327.22	6696972.98	(80.59)	FG
2	1855315.63	6697006.55	79.37	FG
3	1855275.11	6697062.27	(77.22)	CL
4	1855227.79	6697141.74	(75.39)	FG
5	1855305.04	6697193.49		RP
6	1855376.04	6697030.51		RP
7	1855347.34	6697088.86	82.75	FG
8	1855338.05	6697106.57	82.31	FG
9	1855372.52	6697105.45	84.15	FG
10	1855366.02	6697117.85	83.87	FG
11	1855524.38	6697185.09	78.92	FG
12	1855521.13	6697191.29	78.84	CL
13	1855517.87	6697197.49	78.76	FG
14	1855513.00	6697206.79	78.65	FG
15	1855579.42	6697241.62	79.39	FG
16	1855595.67	6697210.62	80.08	FG
17	1855529.25	6697175.79	79.03	FG
18	1855591.29	6697170.38	(83.60)	P-345

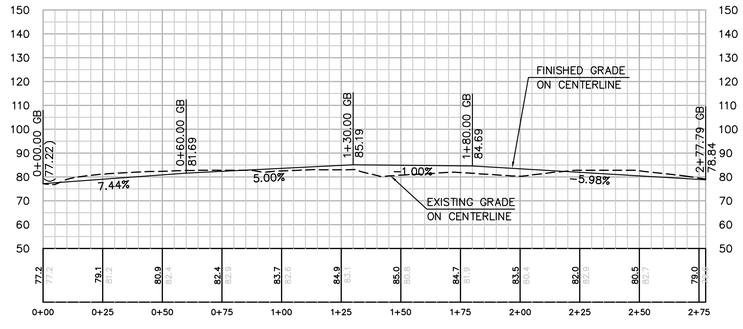
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		277.79	N27°40'28"E



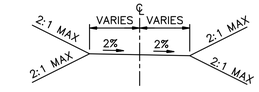
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD TO TOWER P-345
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+76.32 TO 2+77.79

EARTH QUANTITIES:
CUT: 303 CY
FILL: 285 CY
NET: 18 CY

DISTURBED AREA:
PAD: 2625 SF
ROAD: 10092 SF
TOTAL: 12717 SF

RIP RAP: 25 SF
DOWN DRAIN: 2 LF
LENGTH OF ACCESS ROAD: 278 LF

TOWER P-345 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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No. 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-10B (LINK 1)
SITE P-345

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P345-S1
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CAD NO.:	PLOT SCALE: 1 = 1				

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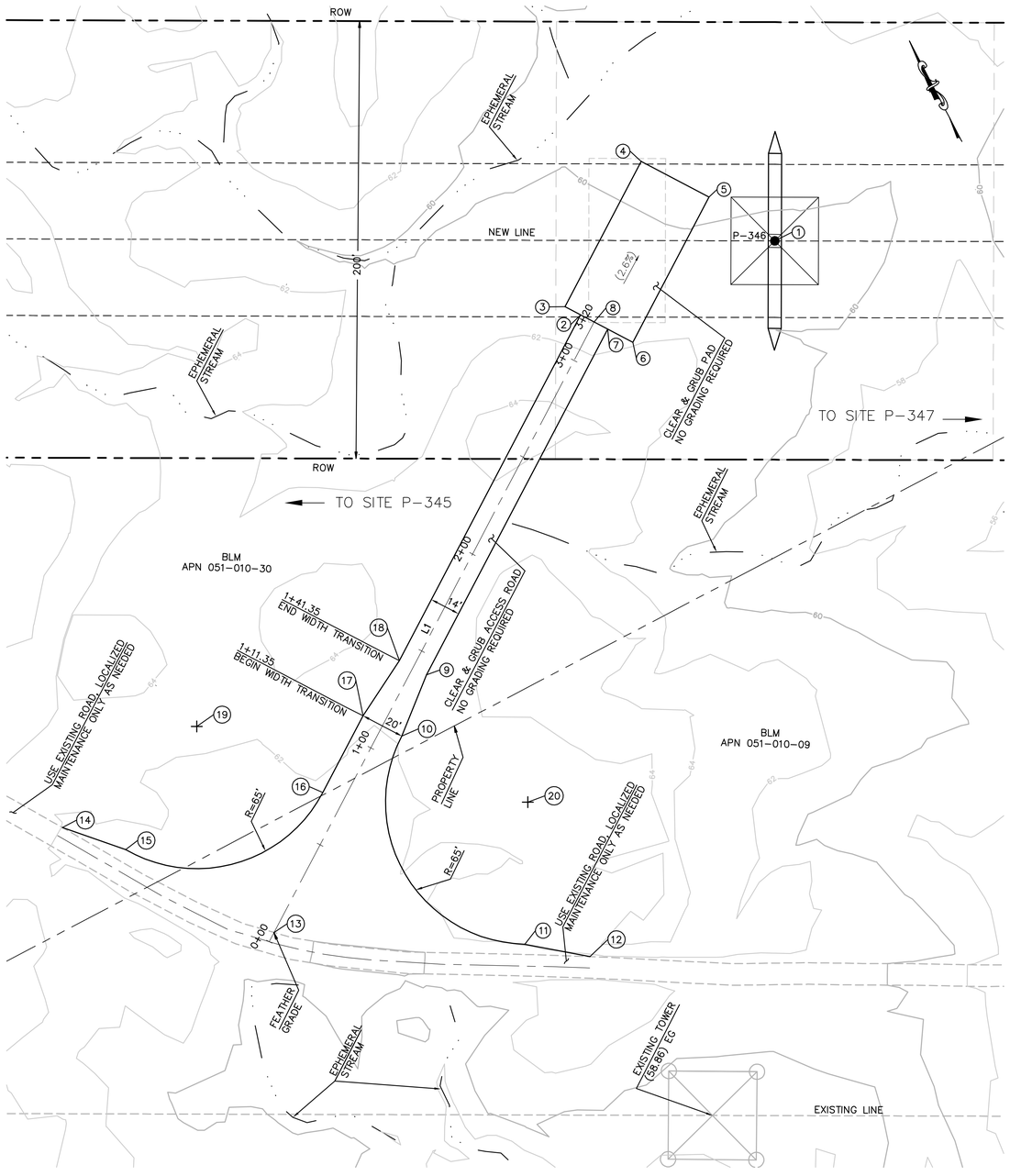
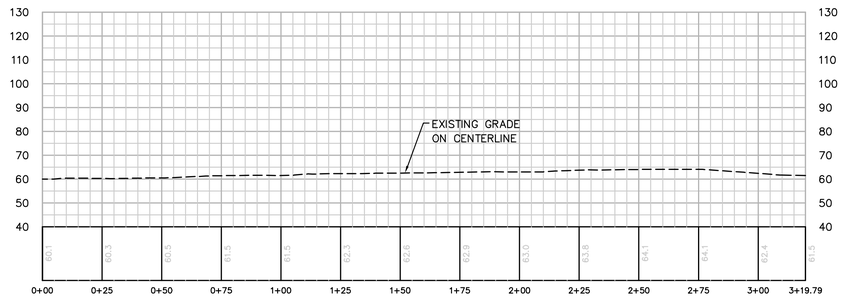


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-346	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1854824.90	6698632.28	P-346/(61.54)
2	1854835.89	6698537.94	
3	1854842.50	6698533.35	
4	1854885.33	6698594.92	
5	1854856.60	6698614.90	
6	1854813.77	6698553.34	
7	1854824.40	6698545.94	
8	1854830.15	6698541.94	CL
9	1854722.50	6698399.46	
10	1854702.90	6698376.54	EC
11	1854592.56	6698382.39	BC
12	1854573.72	6698406.27	
13	1854650.23	6698283.31	CL
14	1854737.43	6698219.66	
15	1854715.18	6698240.62	BC
16	1854696.69	6698332.59	EC
17	1854719.32	6698365.12	
18	1854733.99	6698391.46	
19	1854750.05	6698295.47	RP
20	1854649.55	6698413.66	RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		319.79	N55°10'28"E



PROFILE: ACCESS ROAD TO TOWER P-346
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 9375 SF
TOTAL: 12000 SF

LENGTH OF ACCESS ROAD: 320 LF

TOWER P-346 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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STATE OF CALIFORNIA

REVISIONS

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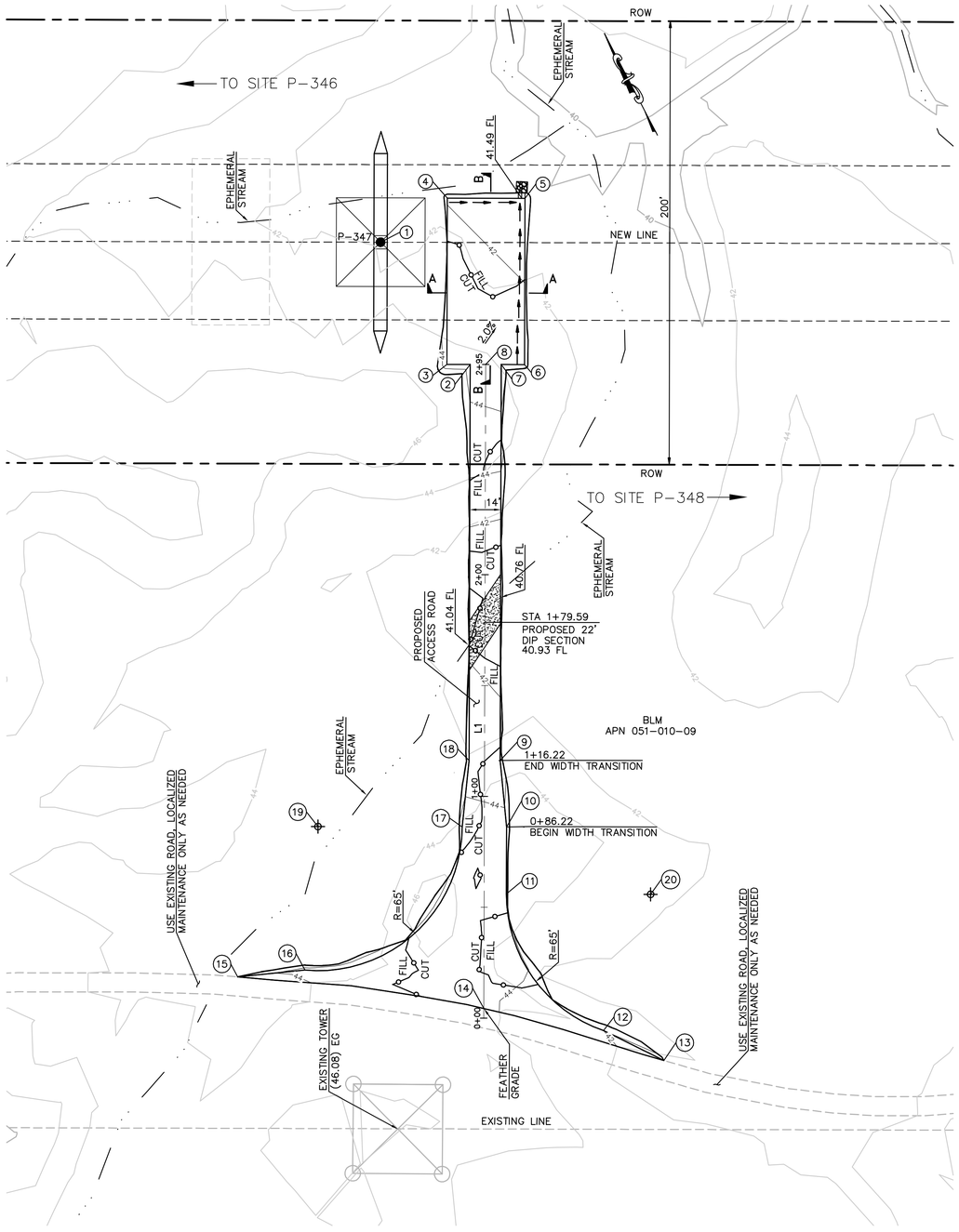
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-346

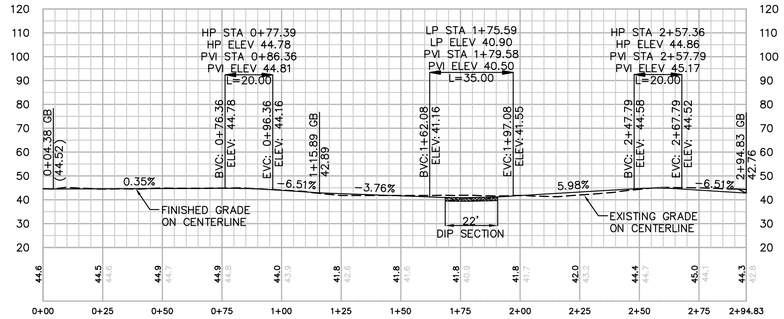
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P346-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:		PLOT SCALE: 1 = 1			



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P–347	500 KV EXMT Lattice Tangent Tower	0.00	151.50

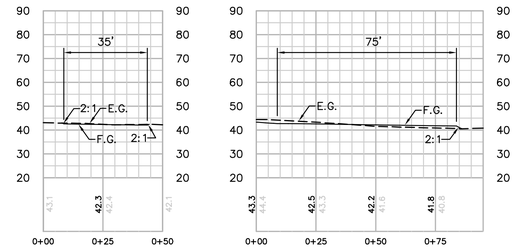
CENTERLINE DATA			
Number	Radius	Length	Line/Chord Direction
L1		294.83	N27°40'28"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1854021.92	6700163.99	(43.03)	P–347
2	1853954.40	6700174.31	42.90	FG
3	1853959.28	6700165.01	43.01	FG
4	1854025.70	6700199.85	41.96	FG
5	1854009.45	6700230.83	41.47	FG
6	1853943.02	6700196.01	42.52	FG
7	1853947.90	6700186.71	42.62	FG
8	1853951.15	6700180.51	42.76	FG
9	1853789.72	6700103.76	42.74	FG
10	1853761.76	6700092.48	44.44	FG
11	1853735.06	6700078.48	44.51	EC
12	1853660.19	6700088.83	42.00	BC
13	1853635.64	6700106.71	(41.16)	EG
14	1853693.92	6700045.61	(44.52)	CL/EG
15	1853757.79	6699953.79	(43.35)	EG
16	1853746.53	6699982.10	44.50	BC
17	1853771.05	6700074.77	44.84	EC
18	1853796.22	6700091.36	43.02	FG
19	1853801.24	6700017.20		RP
20	1853704.87	6700136.04		RP



PROFILE: ACCESS ROAD TO TOWER P-347

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

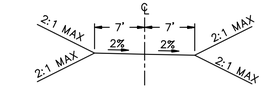


SECTION A-A

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

SECTION B-B

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 1+16.22 TO 2+95.00

EARTH QUANTITIES:
CUT: 132 CY
FILL: 79 CY
NET: 53 CY

DISTURBED AREA:
PAD: 3,018 SF
ROAD: 7,894 SF
TOTAL: 10,912 SF

QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 3 LF
DIP SECTION: 311 SF

LENGTH OF ACCESS ROAD: 295 LF

DIP SECTION EXPORT: 12 CY

TOWER P-347 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

Bureau Veritas North America
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STATE OF CALIFORNIA

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL–10B (LINK 1)
SITE P–347

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B–P347–S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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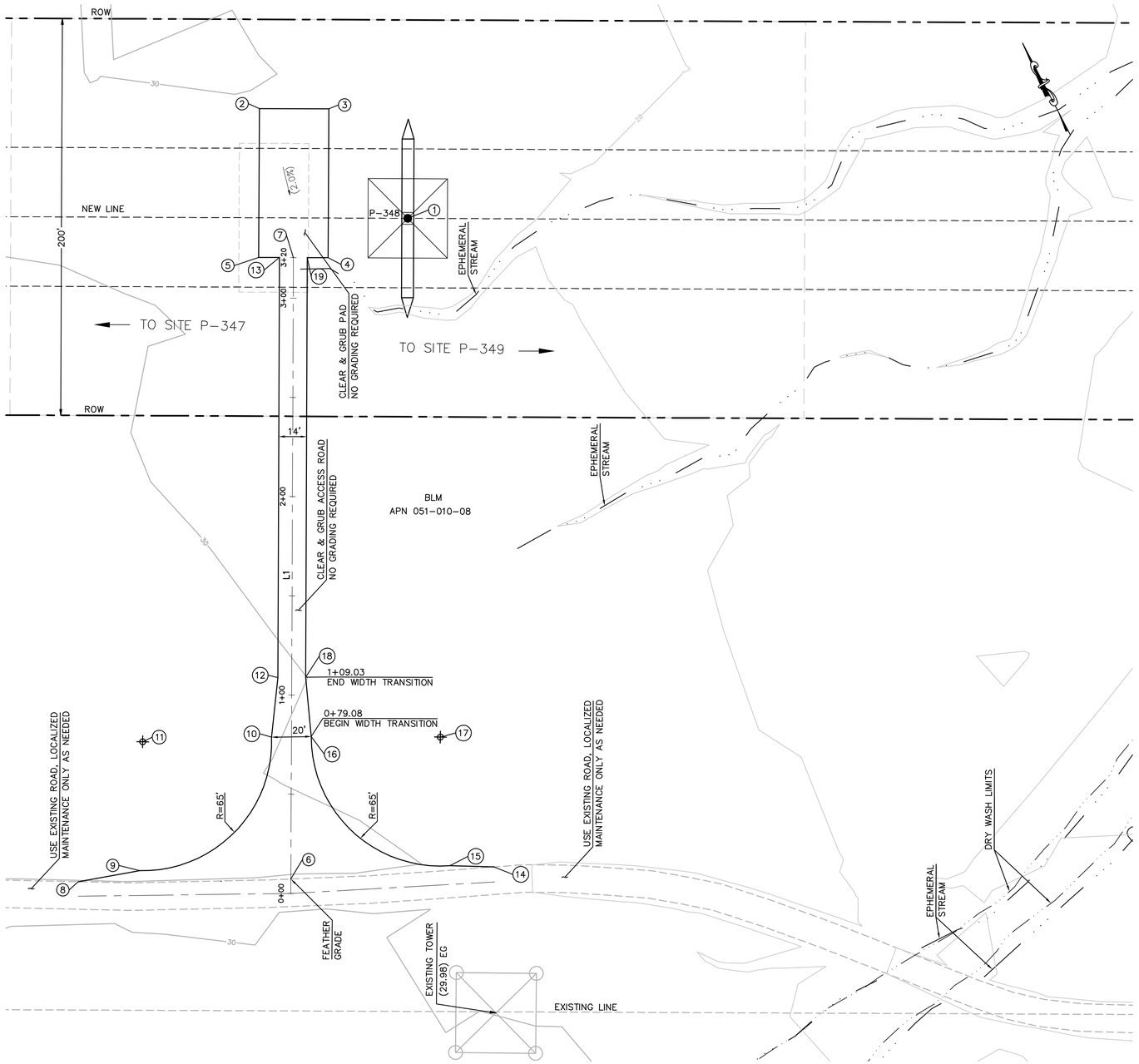
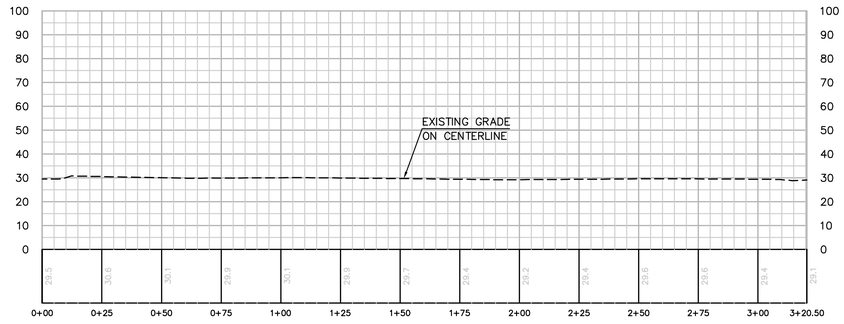


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-348	500 KV EXMT Lattice Tangent Tower	0.00	151.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1853247.52	6701641.17	P-348/(29.64)
2	1853331.07	6701600.28	
3	1853314.81	6701631.28	
4	1853248.39	6701596.46	
5	1853264.64	6701565.46	
6	1852979.07	6701435.51	CL
7	1853256.51	6701580.96	CL
8	1853027.22	6701339.79	
9	1853017.84	6701369.91	BC
10	1853046.99	6701459.84	EC
11	1853074.86	6701401.12	RP
12	1853072.23	6701476.45	
13	1853259.76	6701574.76	
14	1852937.38	6701529.08	
15	1852948.10	6701509.78	BC
16	1853038.06	6701477.73	EC
17	1853007.88	6701535.30	RP
18	1853065.97	6701488.98	
19	1853253.26	6701587.16	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		320.50	N27°39'55.08"E



PROFILE: ACCESS ROAD TO TOWER P-348

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 7138 SF
TOTAL: 9763 SF

LENGTH OF ACCESS ROAD: 320 LF

TOWER P-348 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\10B-P348-S1.dwg[CMay-24-2010]147

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

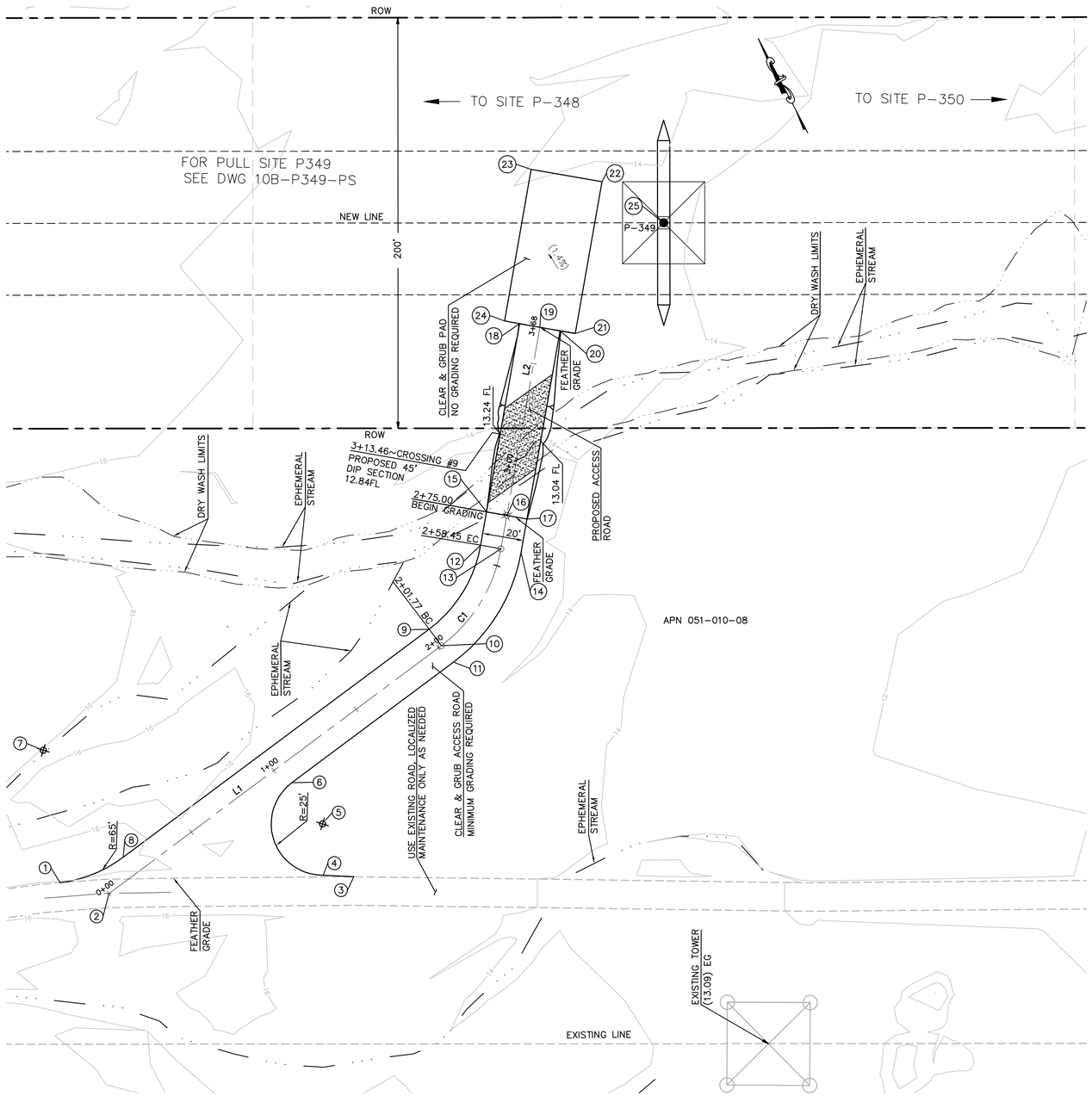
REVISIONS

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-10B (LINK 1)
SITE P-348

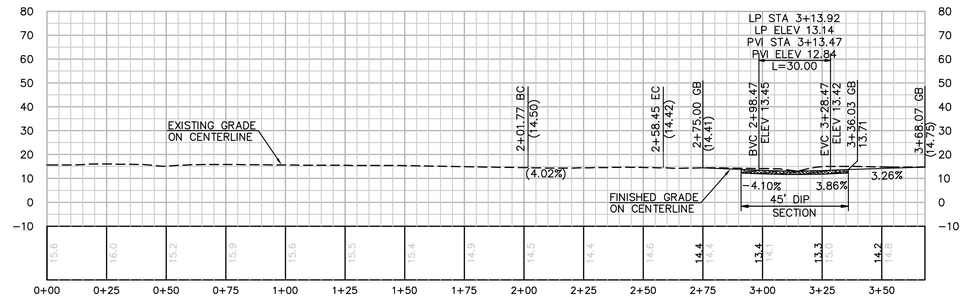
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P348-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-349	500 KV EXMT Lattice Tangent Tower	0.00	157.50

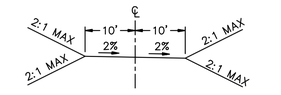
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1852284.73	6702786.01	(15.60)	EG
2	1852269.01	6702804.68	(15.60)	CL/EG
3	1852220.80	6702913.91	(15.72)	EG
4	1852228.39	6702901.13	(15.75)	BC
5	1852250.69	6702912.43		RP
6	1852275.38	6702908.51	(15.19)	EC
7	1852345.61	6702808.80		RP
8	1852281.41	6702818.99	(16.25)	EC
9	1852310.55	6703002.38	(14.47)	BC
10	1852300.67	6703003.95	(14.50)	CL/BC
11	1852290.79	6703005.52	(14.53)	BC
12	1852335.02	6703043.63	(14.46)	EC
13	1852328.90	6703051.55	(14.42)	CL/EC
14	1852322.79	6703059.46	(14.32)	EC
15	1852348.12	6703053.75	(14.49)	EG
16	1852341.98	6703061.69	(14.41)	CL/EG
17	1852335.89	6703069.57	(14.28)	EG
18	1852421.78	6703110.63	(14.78)	EG
19	1852415.64	6703118.58	(14.75)	CL/EG
20	1852409.56	6703126.46	(14.73)	EG
21	1852404.94	6703132.43	(14.69)	EG
22	1852464.30	6703178.27	(14.26)	EG
23	1852485.70	6703150.57	(13.93)	EG
24	1852426.33	6703104.73	(14.80)	EG
25	1852432.66	6703195.55	(14.55)	P-349

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	56.68	43°17'55"
L1		201.77	N80°58'23"E
L2		109.62	N37°42'00"E



PROFILE: ACCESS ROAD TO TOWER P-349

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



TYPICAL ACCESS ROAD CROSS SECTION
STA 2+75.00 TO 3+68.07

EARTH QUANTITIES:
CUT: 54 CY
FILL: 0 CY
NET: 54 CY

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 8,429 SF
TOTAL: 11,054 SF

QUANTITIES:
DIP SECTION: 931 SF

LENGTH OF ACCESS ROAD: 368 LF

DIP SECTION EXPORT: 35 CY

TOWER P-349 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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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-10B (LINK 1)
SITE P-349

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P349-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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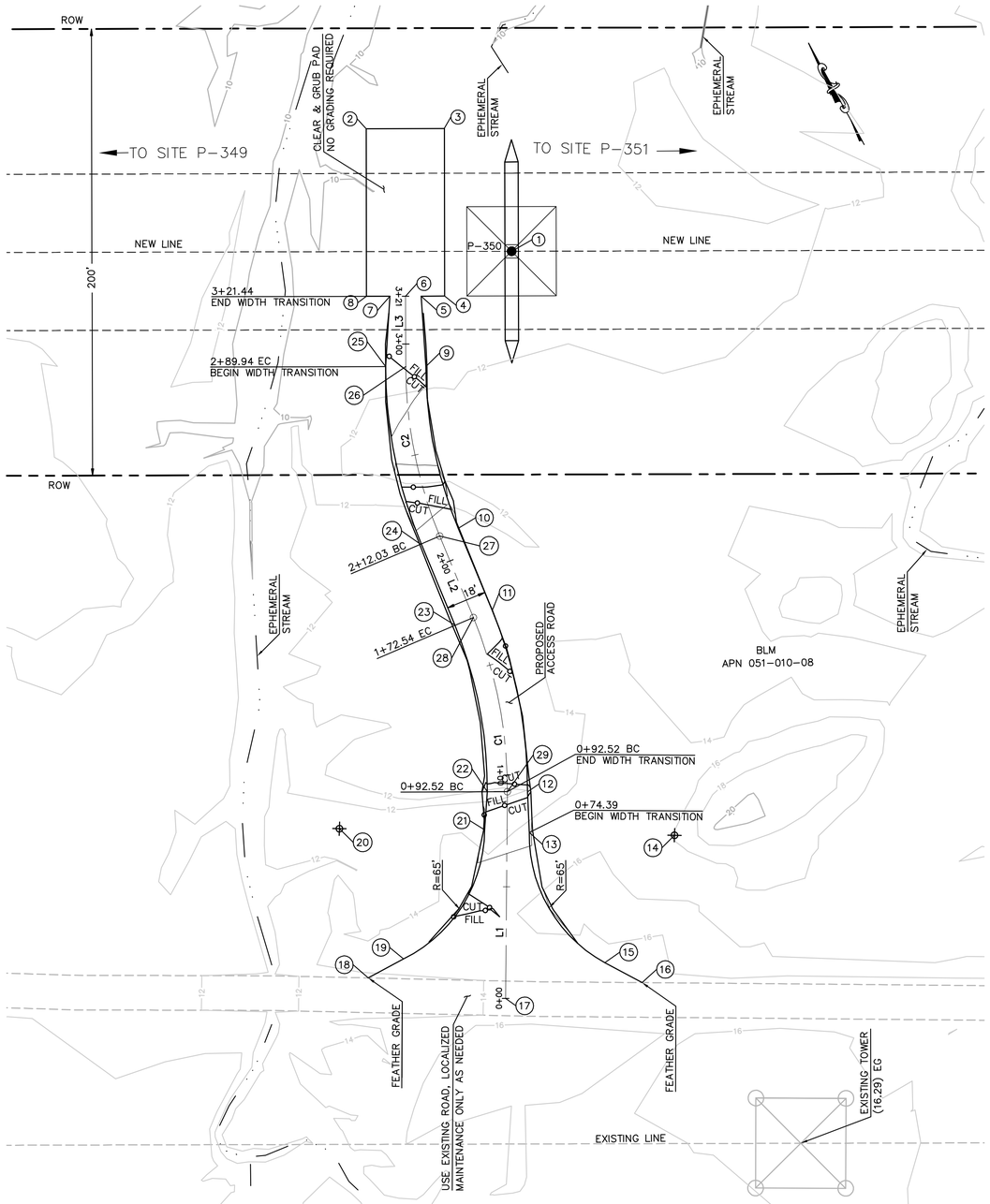


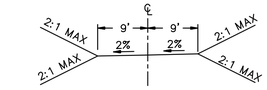
EARTH QUANTITIES:
CUT: 77 CY
FILL: 16 CY
NET: 61 CY

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 8,136 SF
TOTAL: 10,761 SF

LENGTH OF ACCESS ROAD: 321 LF

TOWER P-350 PLAN
SCALE: 1" = 30'

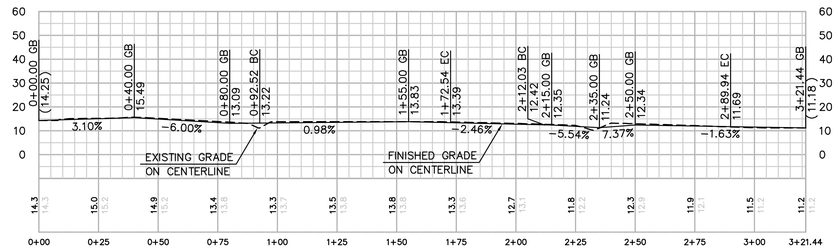
GRAPHIC SCALE
30 0 30 60
1"=30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+92.52 TO 2+89.94

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-350	500 KV EXMT Lattice Tangent Tower	0.00	142.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	200.00	80.02	22°55'24"
C2	200.00	77.91	22°19'09"
L1		92.52	N28°15'37.14"E
L2		39.49	N5°20'13.55"E
L3		31.50	N27°39'22.22"E



PROFILE: ACCESS ROAD TO TOWER P-350
HORIZ. AND VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1851629.56	6704727.48	(11.74)	P-350
2	1851708.45	6704695.45	(10.97)	EG
3	1851692.21	6704726.43	(11.33)	EG
4	1851625.78	6704691.62	(11.28)	EG
5	1851630.66	6704682.32	(11.21)	EG
6	1851633.91	6704676.12	(11.18)	CL/EG
7	1851637.15	6704669.92	(11.15)	EG
8	1851642.03	6704660.62	(11.11)	EG
9	1851601.83	6704669.47	11.85	EC
10	1851530.93	6704648.55	12.64	BC
11	1851491.59	6704645.13	13.60	EC
12	1851412.10	6704620.80	13.40	BC
13	1851395.66	6704613.09	13.63	EC
14	1851364.22	6704669.98		RP
15	1851328.32	6704615.79	15.88	BC
16	1851312.64	6704626.33	(15.11)	EG
17	1851334.87	6704569.06	(14.25)	CL/EG
18	1851371.63	6704518.96	(12.70)	EG
19	1851371.80	6704536.88	15.01	BC
20	1851436.78	6704538.69		RP
21	1851406.00	6704595.95	13.18	EC
22	1851420.62	6704604.94	13.04	BC
23	1851493.29	6704626.88	13.21	EC
24	1851532.64	6704630.21	12.24	BC
25	1851610.18	6704653.53	11.51	EC
26	1851606.00	6704661.50	11.69	CL/EC
27	1851531.77	6704639.51	12.42	CL/BC
28	1851492.45	6704635.84	13.39	CL/EC
29	1851416.36	6704612.87	13.21	CL/BC

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PE 25708
Exp. 3-31-17
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-350

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P350-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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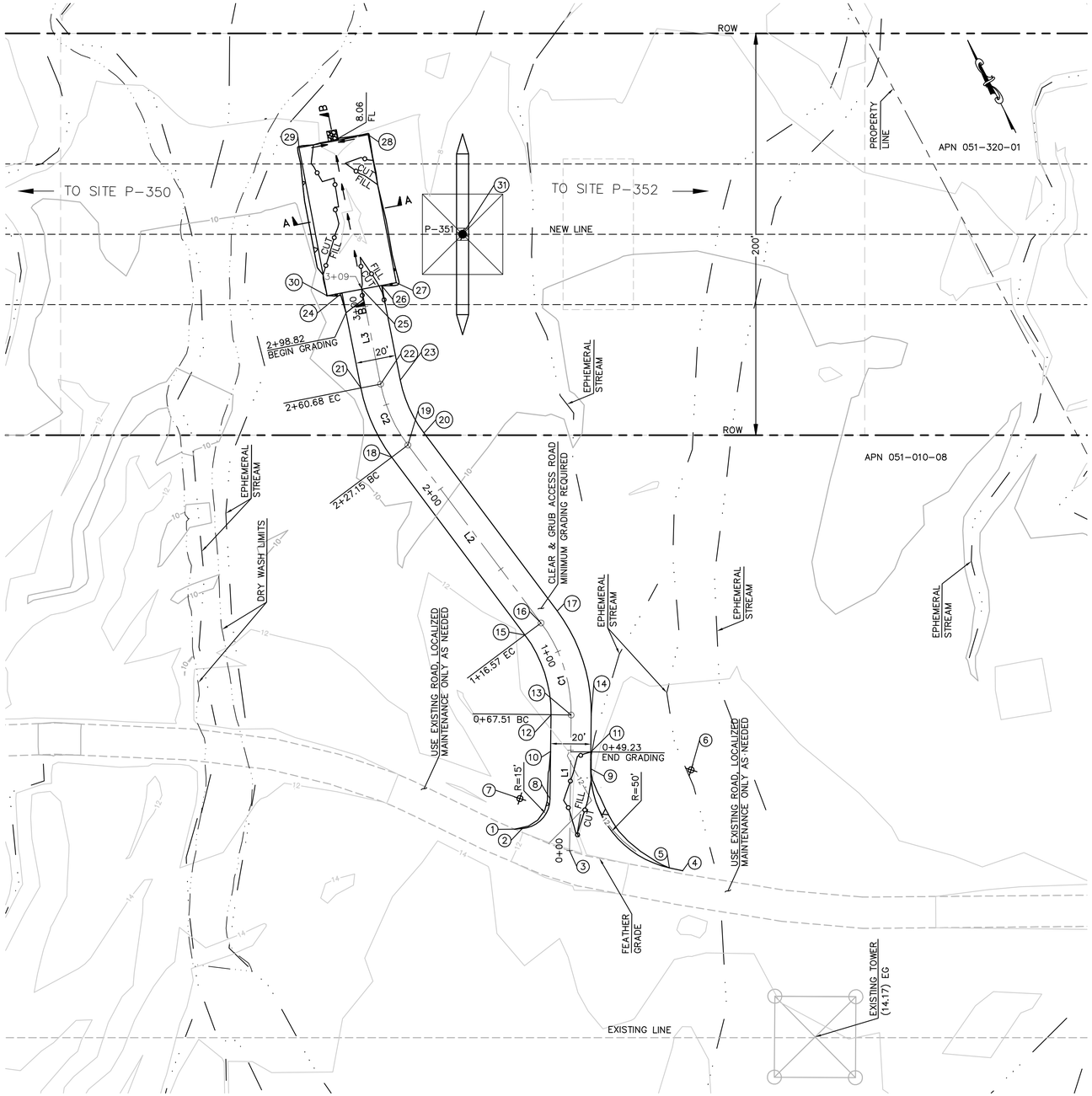


EARTH QUANTITIES:
CUT: 38 CY.
FILL: 32 CY.
NET: 6 CY.

DISTURBED AREA:
PAD: 2814 SF.
ROAD: 6923 SF.
TOTAL: 9737 SF.

QUANTITIES:
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 309 LF

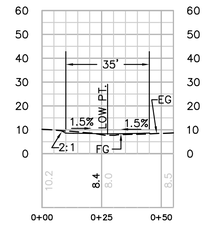
TOWER P-351 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

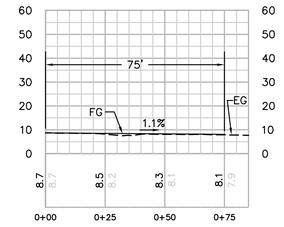
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-351	500 KV EXMT Lattice Tangent Tower	0.00	166.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1850551.62	6706146.01	(12.07)	FG
2	1850550.13	6706149.48	(12.73)	FG
3	1850529.49	6706165.24	(11.73)	CL
4	1850494.49	6706210.39	(12.47)	FG
5	1850498.81	6706205.25	(12.63)	FG
6	1850537.05	6706237.47		RP
7	1850563.92	6706155.39		RP
8	1850556.80	6706168.59	12.41	FG
9	1850560.77	6706193.45	11.83	FG
10	1850577.57	6706179.79	(12.14)	FG
11	1850568.09	6706197.39	(11.74)	FG
12	1850593.67	6706188.46	(11.73)	FG
13	1850588.92	6706197.26	(11.70)	CL/BC
14	1850584.18	6706206.07	(11.47)	FG
15	1850634.85	6706195.41	(11.68)	FG
16	1850636.44	6706205.28	(11.36)	CL/EC
17	1850638.03	6706215.16	(11.23)	FG
18	1850744.02	6706177.81	(9.31)	FG
19	1850745.61	6706187.68	(9.36)	CL/BC
20	1850747.20	6706197.55	(9.46)	FG
21	1850781.63	6706180.21	(9.67)	FG
22	1850778.80	6706189.80	(9.55)	CL/EC
23	1850775.96	6706199.39	(8.94)	FG
24	1850827.87	6706193.87	8.84	FG
25	1850824.96	6706203.44	8.69	CL
26	1850822.05	6706213.01	8.84	FG
27	1850819.89	6706220.11	8.95	FG
28	1850891.65	6706241.92	8.32	FG
29	1850901.83	6706208.44	8.32	FG
30	1850830.08	6706186.62	8.96	FG
31	1850825.88	6706260.52	(8.26)	P-351

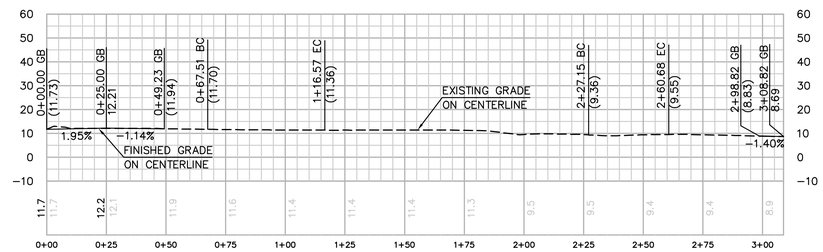
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		67.51	N28°19'11"E
C1	75.00	49.06	37°28'42"
L2		110.58	N9°09'31"W
C2	75.00	33.53	25°37'00"
L3		48.14	N16°27'29"E



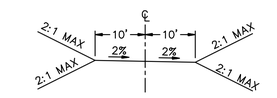
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD TO TOWER P-351
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+49.23

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REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-351

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CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		10B-P351-S1

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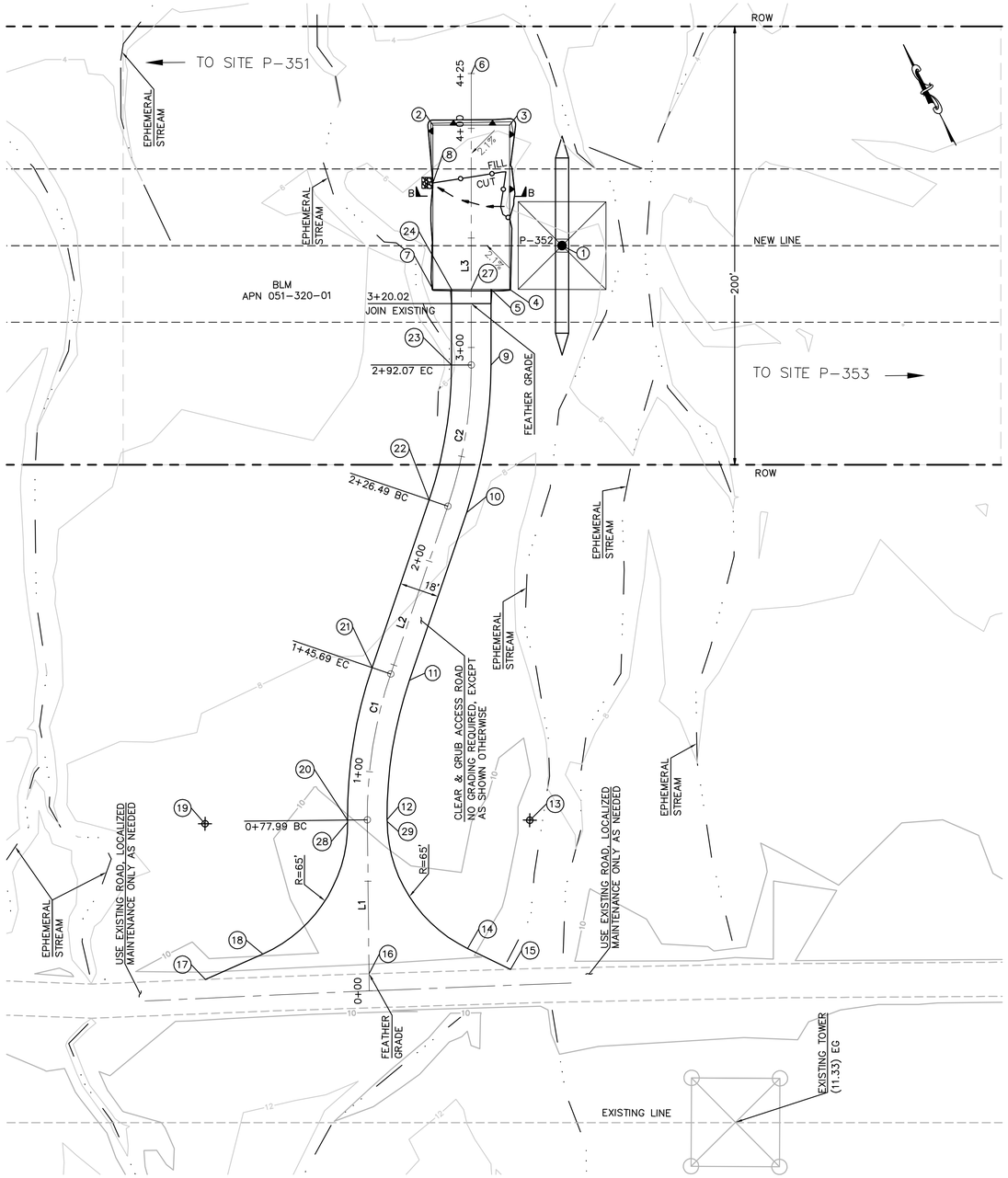
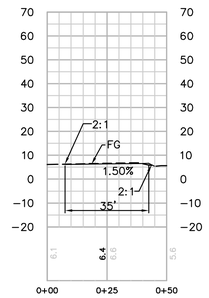


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-352	500 KV EXMT Lattice Tangent Tower	0.00	166.50

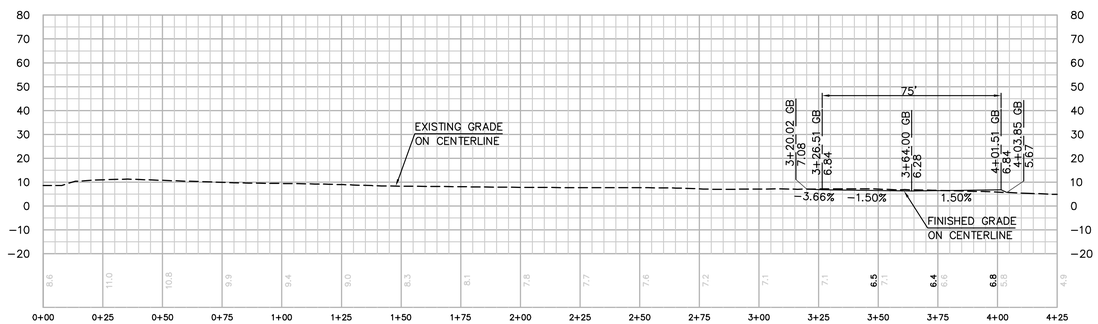
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1849954.63	6707922.45	(5.08)	P-352
2	1850030.67	6707895.86	6.58	FG
3	1850014.42	6707926.86	7.10	FG
4	1849948.00	6707892.04	7.10	FG
5	1849951.94	6707884.51	7.29	FG
6	1850043.35	6707922.29		CL
7	1849964.25	6707861.04	6.58	FG
8	1850007.24	6707883.58	6.18	FG
9	1849921.47	6707868.54		EC
10	1849867.01	6707827.41		BC
11	1849811.35	6707768.83		EC
12	1849759.80	6707730.32		BC
13	1849729.38	6707787.77		RP
14	1849690.72	6707735.52		BC
15	1849673.20	6707748.48		
16	1849701.37	6707690.36		CL
17	1849733.66	6707623.15		
18	1849731.80	6707651.72		BC
19	1849796.66	6707655.95		RP
20	1849767.99	6707714.29		BC
21	1849824.39	6707756.43		EC
22	1849880.06	6707815.01		BC
23	1849929.83	6707852.59		EC
24	1849960.30	6707868.57	6.99	FG
27	1849956.12	6707876.54	6.84	CL
28	1849767.09	6707713.83		EC
29	1849758.96	6707729.89		EC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		77.99	N27°03'52.15"E
C1	200.00	67.70	19°23'41"
L2		80.80	N46°27'32.70"E
C2	200.00	65.58	18°47'13"
L3		132.93	N27°40'19.31"E



SECTION B-B

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



PROFILE: ACCESS ROAD TO TOWER P-352

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

EARTH QUANTITIES:
CUT: 21 CY.
FILL: 22 CY.
NET: 1 CY.

DISTURBED AREA:
PAD: 2842 SF
ROAD: 6467 SF
TOTAL: 9309 SF

QUANTITIES:
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 327 LF

TOWER P-352 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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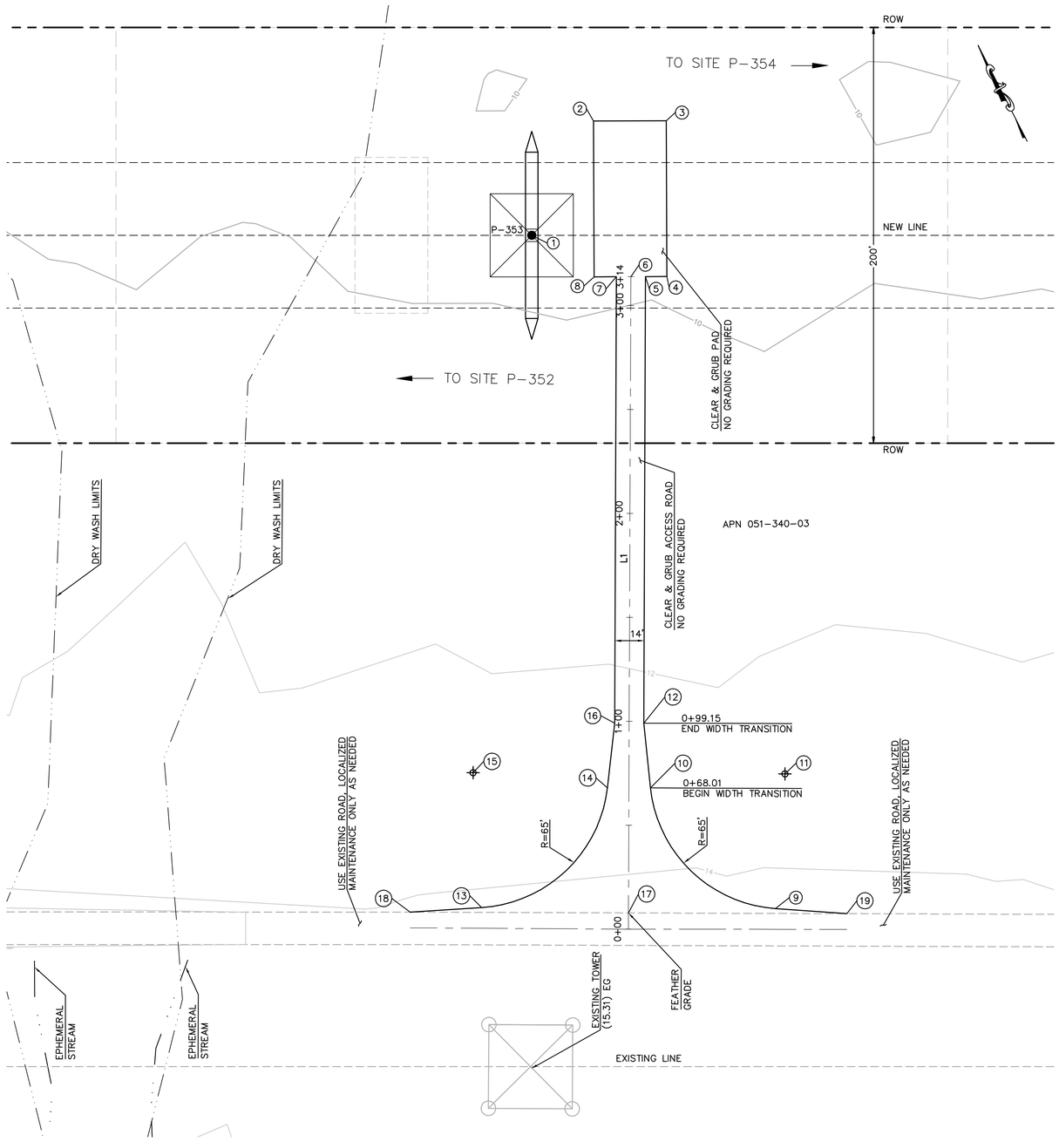
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-352

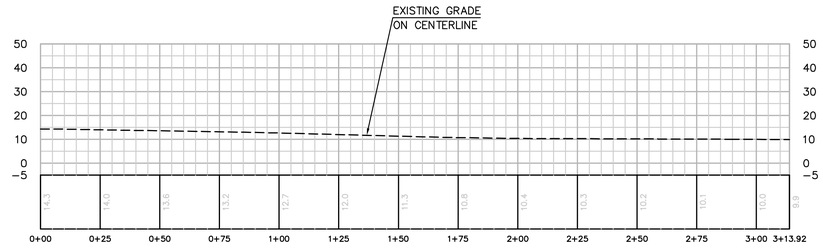
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P352-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-353	500 KV EXMT Lattice Tangent Tower	0.00	166.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1849082.10	6709586.83	P-353/(9.79)
2	1849117.02	6709638.68	EG
3	1849100.89	6709669.74	EG
4	1849034.33	6709635.18	EG
5	1849039.10	6709626.00	EG
6	1849042.32	6709619.78	CL/EG
7	1849045.55	6709613.57	EG
8	1849050.46	6709604.11	EG
9	1848740.80	6709540.18	BC
10	1848820.11	6709513.96	EC
11	1848796.09	6709574.35	RP
12	1848849.22	6709525.53	EG
13	1848806.83	6709415.28	BC
14	1848829.78	6709495.59	EC
15	1848866.20	6709441.75	RP
16	1848855.72	6709513.13	EG
17	1848771.76	6709476.63	CL/EG
18	1848820.85	6709383.84	EG
19	1848722.68	6709569.49	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		313.92	N27°52'57.80"E



PROFILE: ACCESS ROAD TO TOWER P-353

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 5,749 SF
TOTAL: 8,374 SF

LENGTH OF ACCESS ROAD: 314 LF

TOWER P-353 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-353

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P353-S1
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APPROVED BY:	DATE:				
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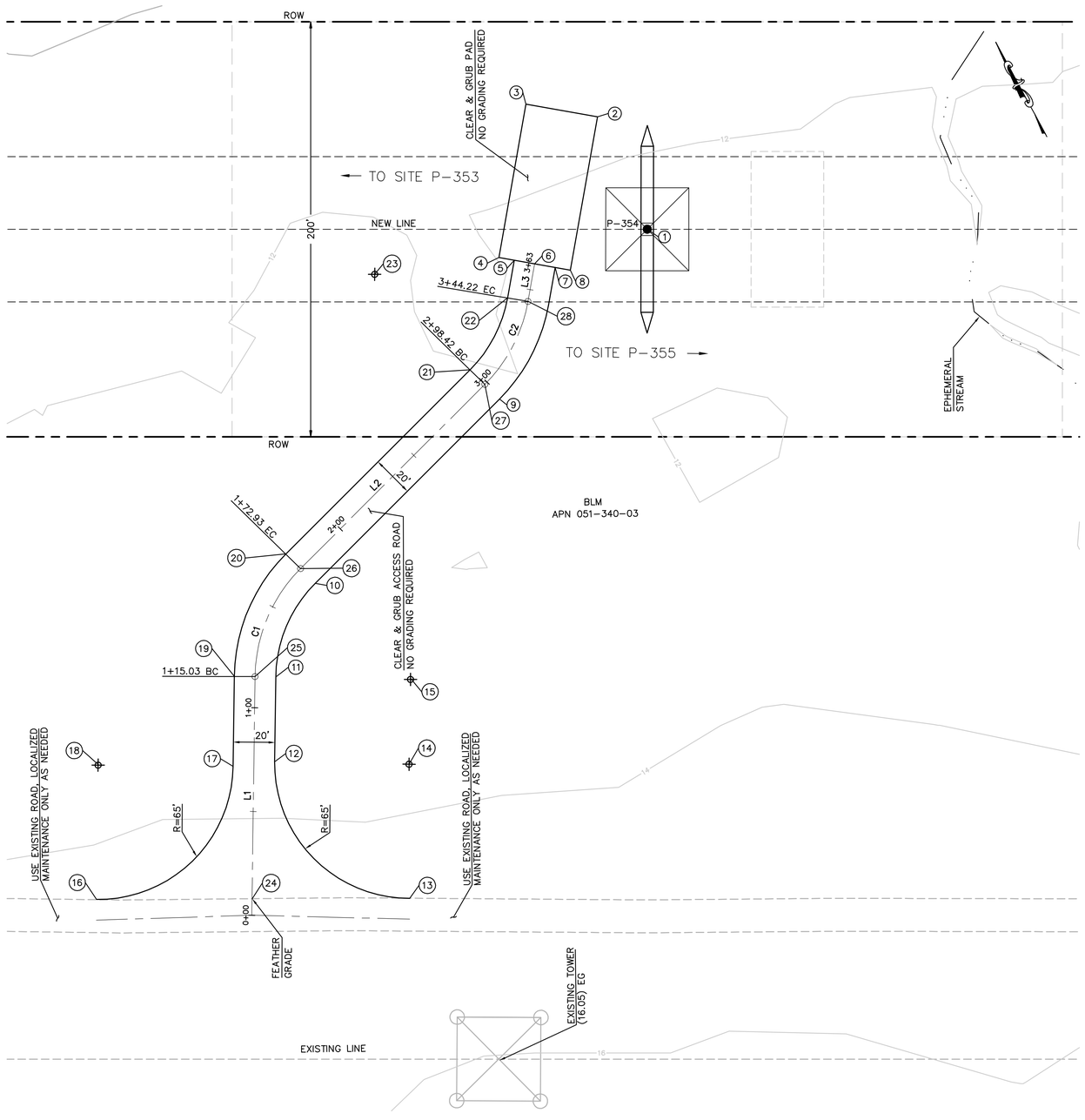
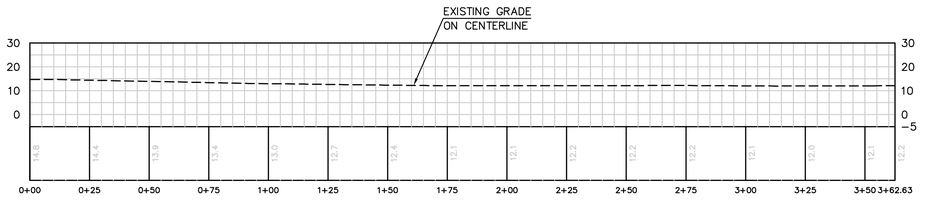


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-354	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1848215.31	6711240.26	P-354/(12.29)
2	1848274.41	6711244.18	EG
3	1848295.80	6711216.48	EG
4	1848236.44	6711170.64	EG
5	1848231.85	6711176.57	EG
6	1848225.74	6711184.49	CL/EG
7	1848219.63	6711192.40	EG
8	1848215.05	6711198.34	EG
9	1848175.87	6711139.20	BC
10	1848138.48	6711019.42	EC
11	1848107.37	6710981.62	BC
12	1848071.40	6710962.15	EC
13	1847982.87	6710989.16	EG
14	1848040.46	6711019.31	RP
15	1848076.43	6711038.78	RP
16	1848052.46	6710855.33	EG
17	1848078.72	6710943.37	EC
18	1848109.66	6710886.20	RP
19	1848116.89	6710964.03	BC
20	1848157.57	6711013.46	EC

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
21	1848194.96	6711133.24	BC
22	1848217.28	6711165.32	EC
23	1848257.01	6711113.88	RP
24	1848018.00	6710921.87	CL/EG
25	1848112.13	6710972.83	CL/BC
26	1848148.03	6711016.44	CL/EC
27	1848185.41	6711136.22	CL/BC
28	1848211.17	6711173.24	CL/EC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	57.91	44°14'21"
C2	75.00	45.80	34°59'27"
L1		115.03	N28°25'33.89"E
L2		125.48	N72°39'55.08"E
L3		18.41	N37°40'27.80"E



PROFILE: ACCESS ROAD TO TOWER P-354

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 8,002 SF
TOTAL: 10,627 SF

LENGTH OF ACCESS ROAD: 363 LF

TOWER P-354 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-354

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CAD NO.:	PLOT SCALE: 1 = 1				

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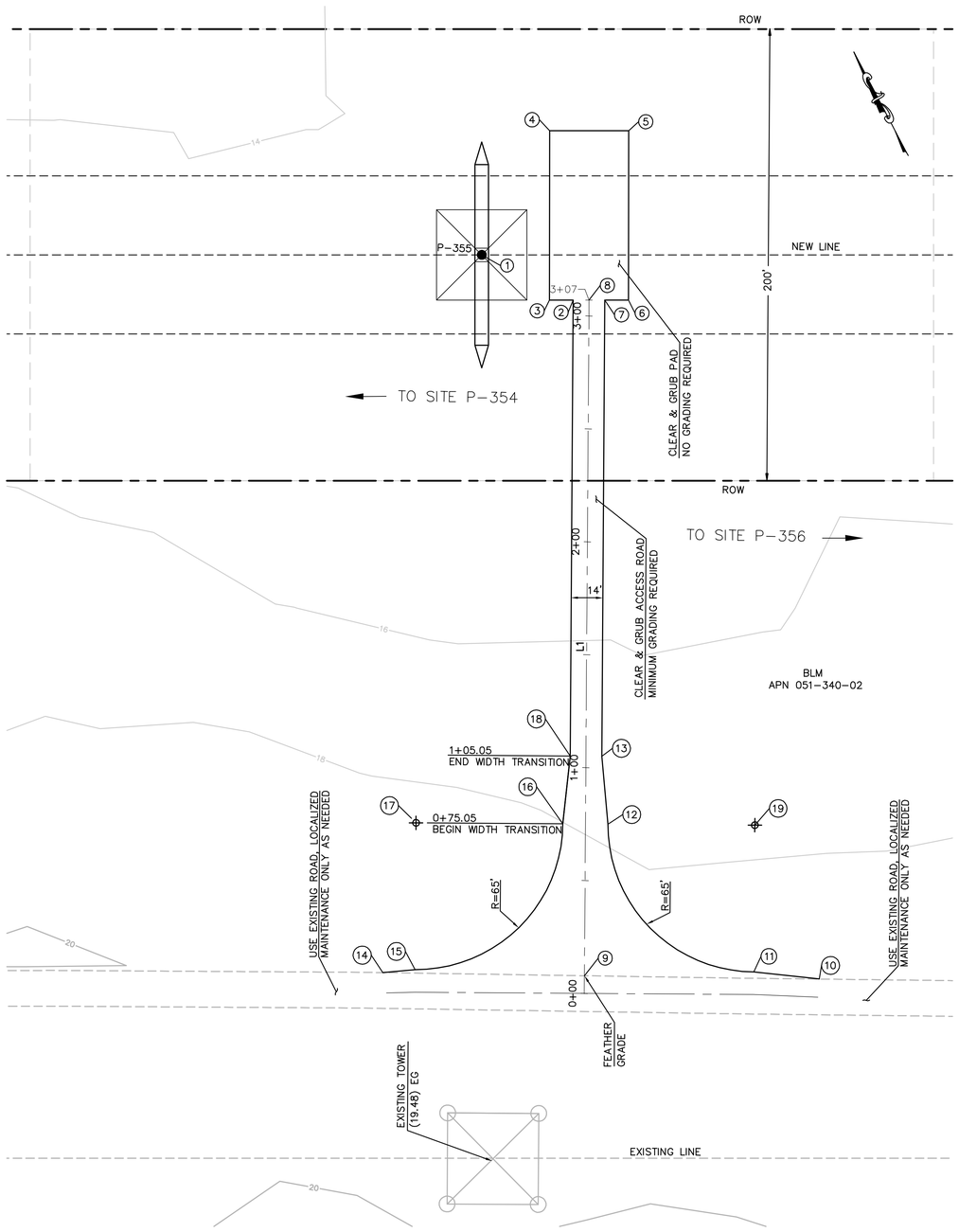
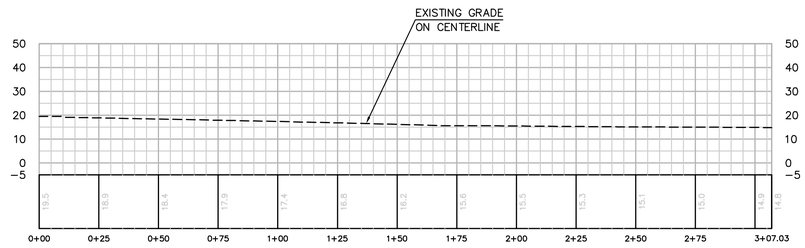


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-355	500 KV EXMT Lattice Tangent Tower	0.00	139.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1847426.69	6712744.57	P-355/(14.92)
2	1847390.17	6712771.15	
3	1847395.05	6712761.85	
4	1847461.47	6712796.68	
5	1847445.21	6712827.68	
6	1847378.79	6712792.84	
7	1847383.67	6712783.54	
8	1847386.92	6712777.35	CL
9	1847122.90	6712636.61	CL
10	1847073.37	6712728.05	
11	1847089.57	6712703.83	BC
12	1847177.50	6712677.05	EC
13	1847205.39	6712688.51	
14	1847165.58	6712558.19	
15	1847160.13	6712571.46	BC
16	1847186.91	6712659.40	EC
17	1847217.49	6712602.04	RP
18	1847211.97	6712676.16	
19	1847146.93	6712734.41	RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		307.03	N28°03'35.51"E



PROFILE: ACCESS ROAD TO TOWER P-355

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 5798 SF
TOTAL: 8423 SF

LENGTH OF ACCESS ROAD: 307 LF

TOWER P-355 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-355

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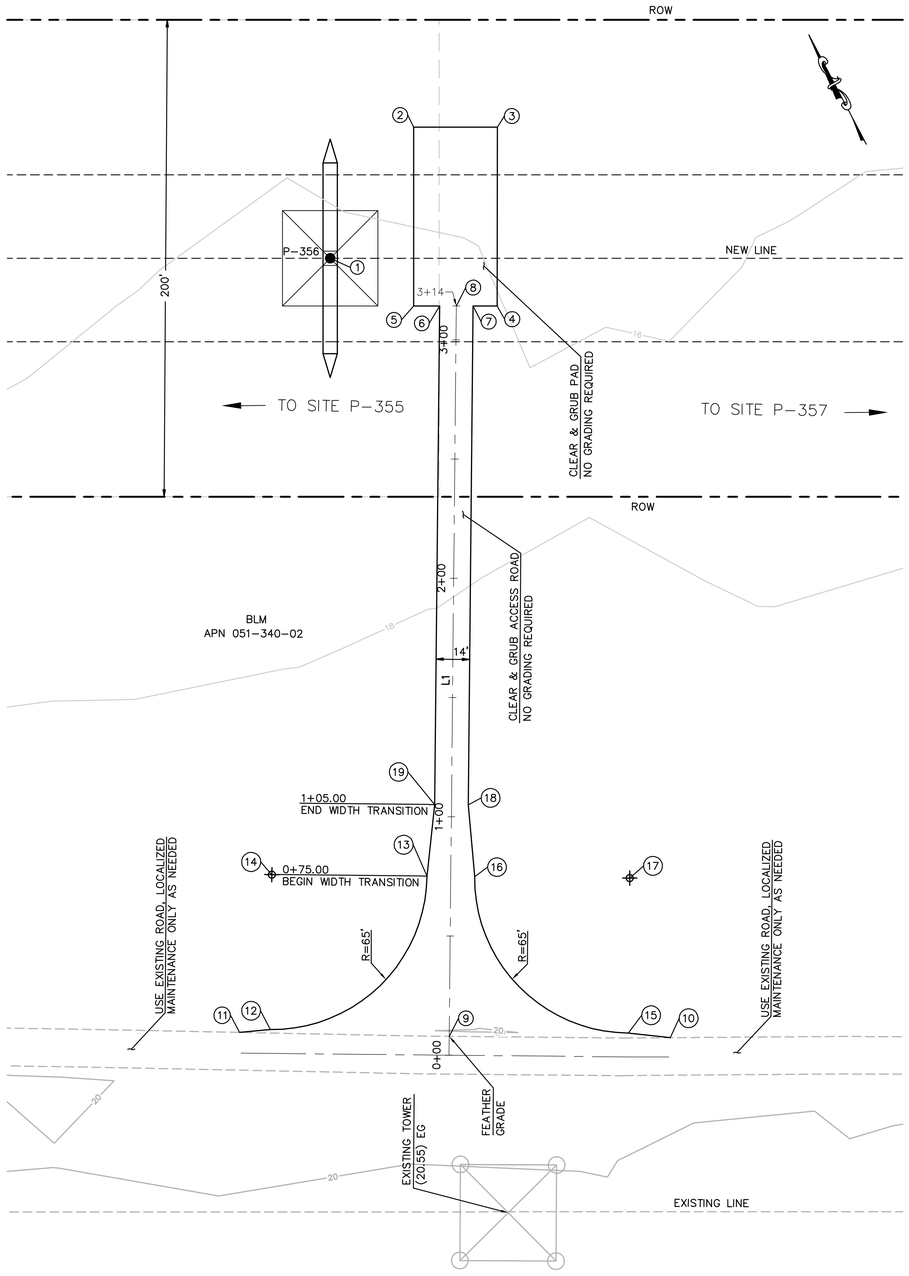
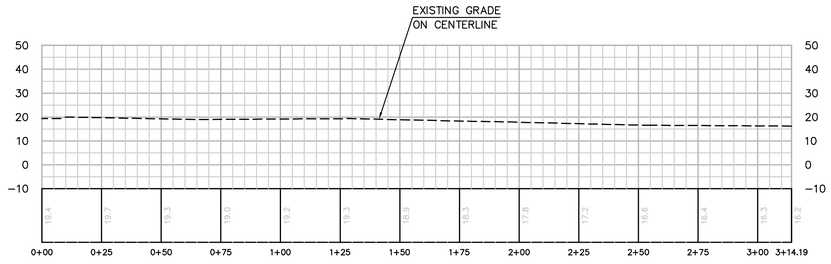


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-356	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATIONS
1	1846632.71	6714259.10	P-356/(16.82)
2	1846665.17	6714315.64	
3	1846648.92	6714346.64	
4	1846582.50	6714311.80	
5	1846598.75	6714280.81	
6	1846593.72	6714290.40	
7	1846587.22	6714302.80	
8	1846590.47	6714296.60	CL
9	1846320.59	6714151.78	CL
10	1846277.07	6714233.57	
11	1846362.85	6714074.71	
12	1846357.89	6714086.68	BC
13	1846384.43	6714174.69	EC
14	1846415.17	6714117.41	RP
15	1846286.97	6714218.85	BC
16	1846374.98	6714192.31	EC
17	1846344.24	6714249.59	RP
18	1846402.83	6714203.85	
19	1846409.45	6714191.52	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		314.19	N28°13'08.64"E



PROFILE: ACCESS ROAD TO TOWER P-356

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 5845 SF
TOTAL: 8470 SF

LENGTH OF ACCESS ROAD: 314 LF

TOWER P-356 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SPL-10B (LINK 1)
SITE P-356

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P356-S1
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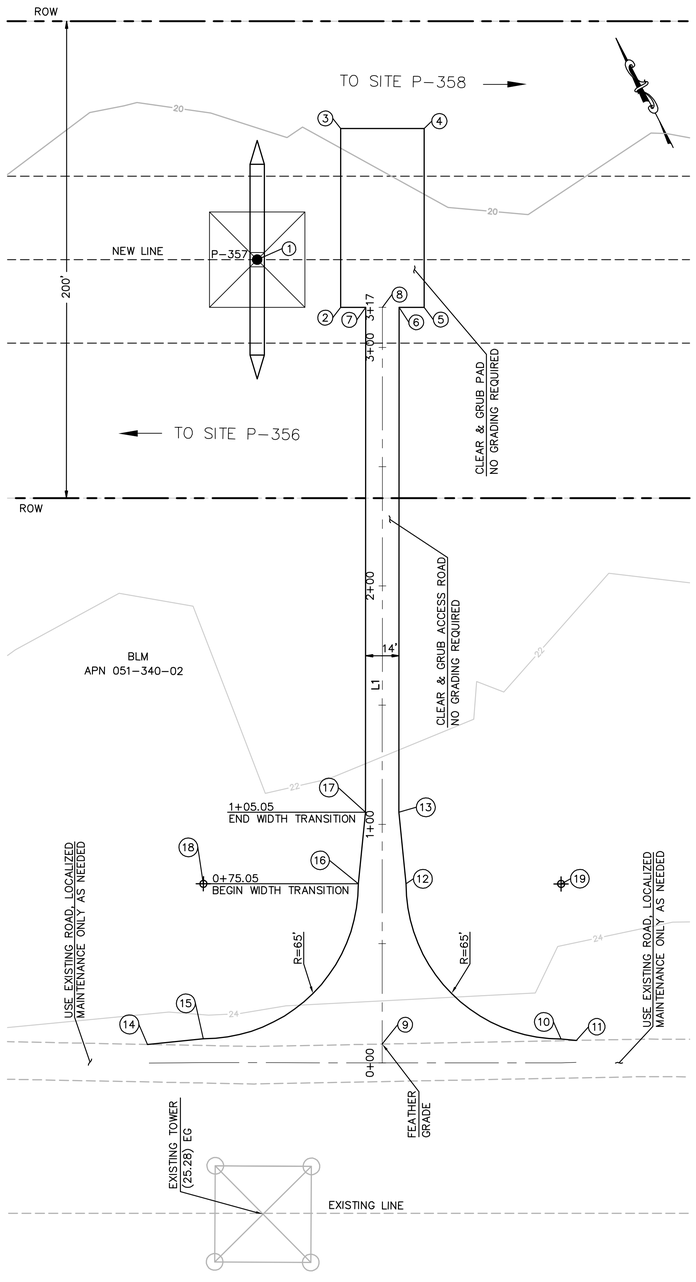
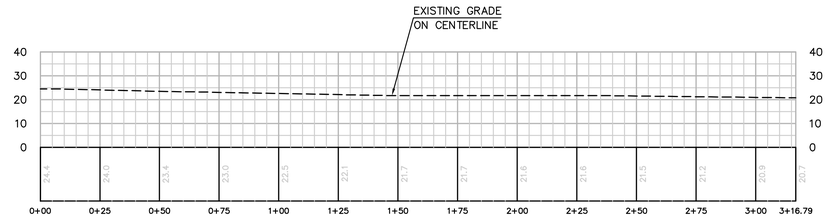


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-357	500 KV EXMT Lattice Tangent Tower	0.00	163.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1845777.00	6715891.39	P-357/(21.15)
2	1845743.04	6715913.10	
3	1845809.46	6715947.93	
4	1845793.20	6715978.93	
5	1845726.78	6715944.10	
6	1845731.66	6715934.80	
7	1845738.16	6715922.40	
8	1845734.91	6715928.60	CL
9	1845461.33	6715785.12	CL
10	1845428.42	6715852.55	BC
11	1845424.90	6715857.90	
12	1845516.18	6715825.18	EC
13	1845544.14	6715836.45	
14	1845506.91	6715697.85	
15	1845498.09	6715719.71	BC
16	1845525.47	6715807.46	EC
17	1845550.64	6715824.05	
18	1845555.66	6715749.90	RP
19	1845485.99	6715882.74	RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		316.79	N27°40'27.80"E



PROFILE: ACCESS ROAD TO TOWER P-357

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 5894 SF
TOTAL: 8519 SF

LENGTH OF ACCESS ROAD: 317 LF

TOWER P-357 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
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1"=30'

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-357

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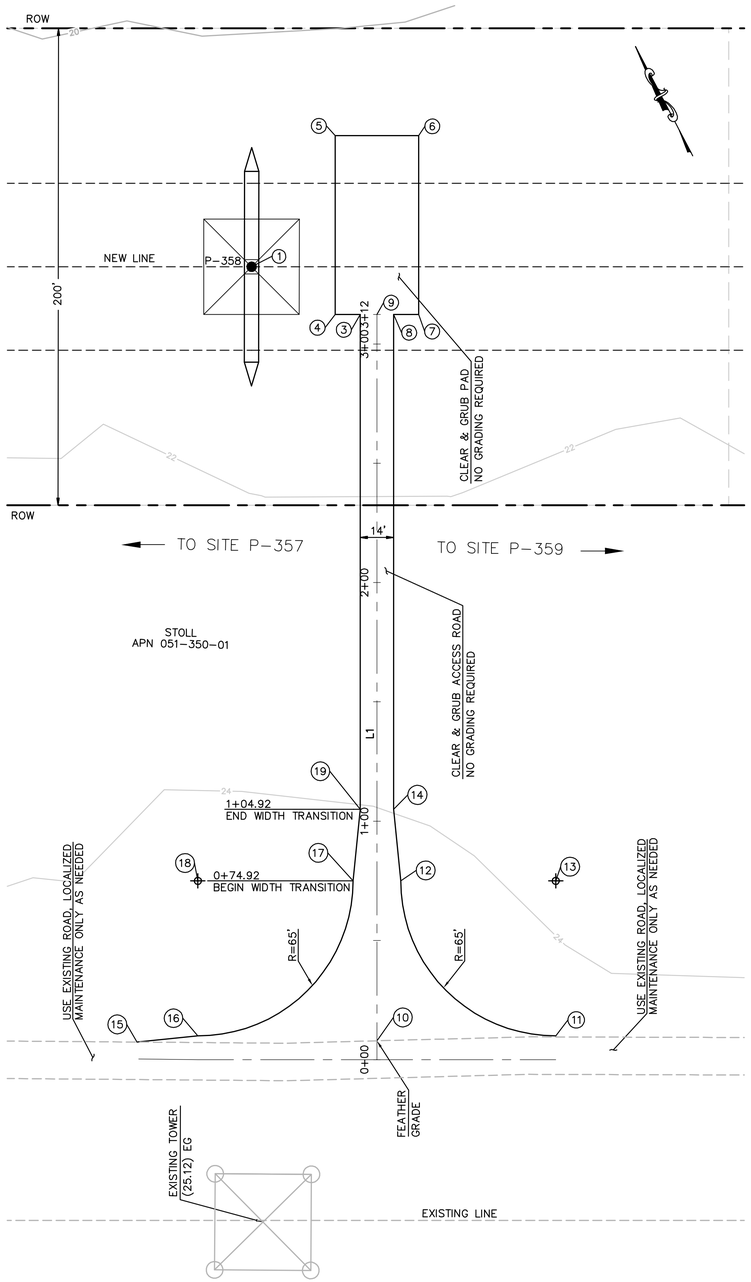
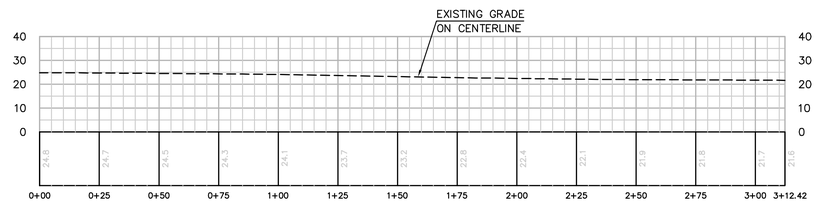


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-358	500 KV EXMT Lattice Tangent Tower	0.00	157.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1844954.24	6717460.84	P-358/(21.77)
3	1844915.40	6717491.85	
4	1844920.27	6717482.55	
5	1844986.69	6717517.38	
6	1844970.44	6717548.38	
7	1844904.02	6717513.54	
8	1844908.90	6717504.25	
9	1844912.15	6717498.05	CL
10	1844642.41	6717356.64	CL
11	1844609.41	6717424.02	BC
12	1844697.16	6717396.63	EC
13	1844666.98	6717454.20	RP
14	1844725.12	6717407.90	
15	1844688.63	6717267.41	
16	1844679.06	6717291.17	BC
17	1844706.44	6717378.92	EC
18	1844736.62	6717321.35	RP
19	1844731.62	6717395.50	

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		312.42	N27°39'55.09"E



PROFILE: ACCESS ROAD TO TOWER P-358

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

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

DISTURBED AREA:
PAD: 2625 SF
ROAD: 5832 SF
TOTAL: 8457 SF

LENGTH OF ACCESS ROAD: 312 LF

TOWER P-358 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-358

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CAD NO.:	PLOT SCALE: 1 = 1				

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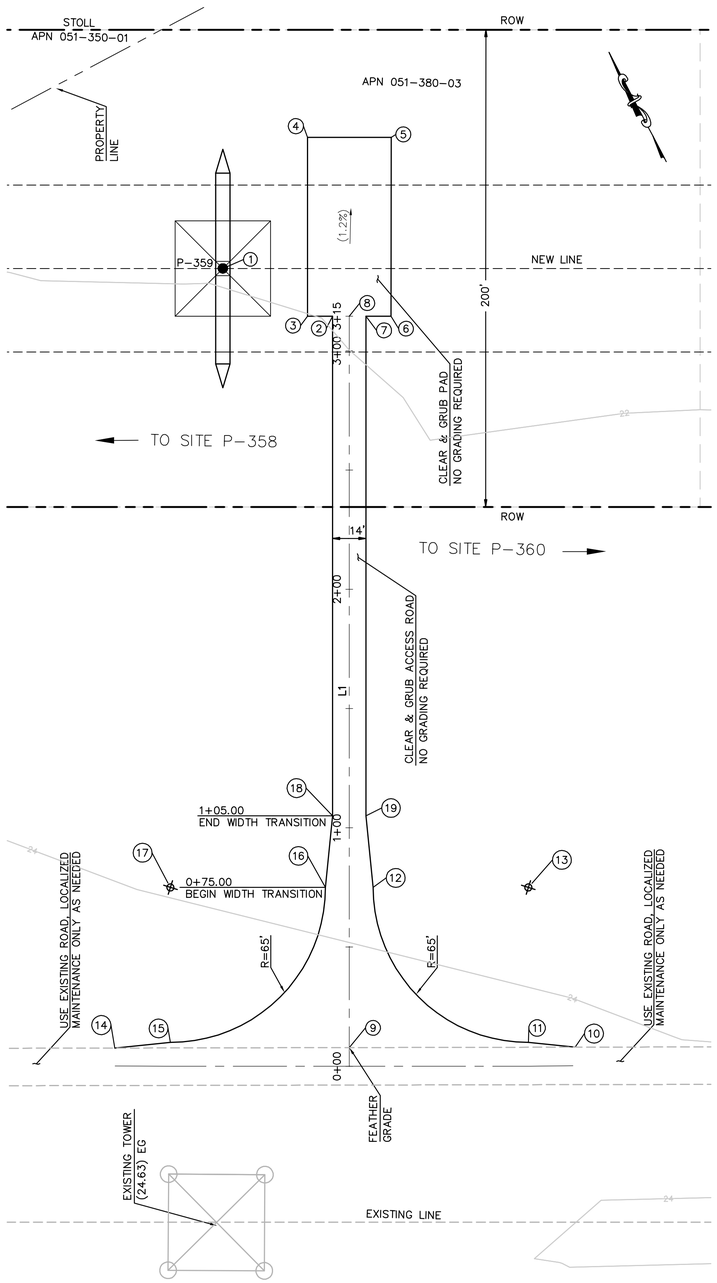
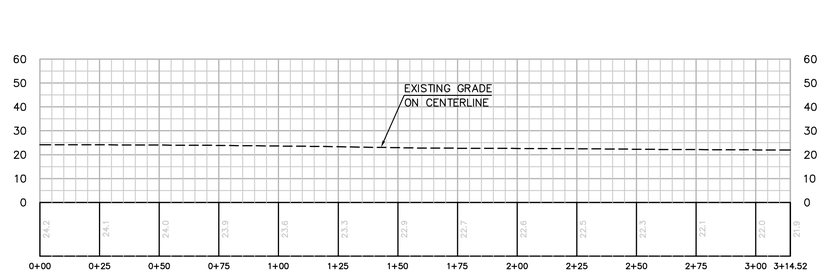


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-359	500 KV EXMT Lattice Tangent Tower	0.00	160.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1844119.67	6719052.79	22.01	P-359
2	1844080.59	6719084.26		EG
3	1844085.47	6719074.97		EG
4	1844151.89	6719109.80		EG
5	1844135.63	6719140.80		EG
6	1844069.21	6719105.96		EG
7	1844074.09	6719096.66		EG
8	1844077.34	6719090.46		CL
9	1843805.73	6718948.07		CL
10	1843761.95	6719031.97		EG
11	1843772.81	6719015.50		BC
12	1843860.56	6718988.11		EC
13	1843830.38	6719045.68		RP
14	1843851.22	6718860.91		EG
15	1843842.45	6718882.65		BC
16	1843869.84	6718970.39		EC
17	1843900.02	6718912.83		RP
18	1843895.02	6718986.98		EG
19	1843888.52	6718999.38		EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		314.52	N27°40'01"E



PROFILE: ACCESS ROAD TO TOWER P-359

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,871 SF
TOTAL: 9,496 SF

LENGTH OF ACCESS ROAD: 315 LF

TOWER P-359 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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STATE OF CALIFORNIA

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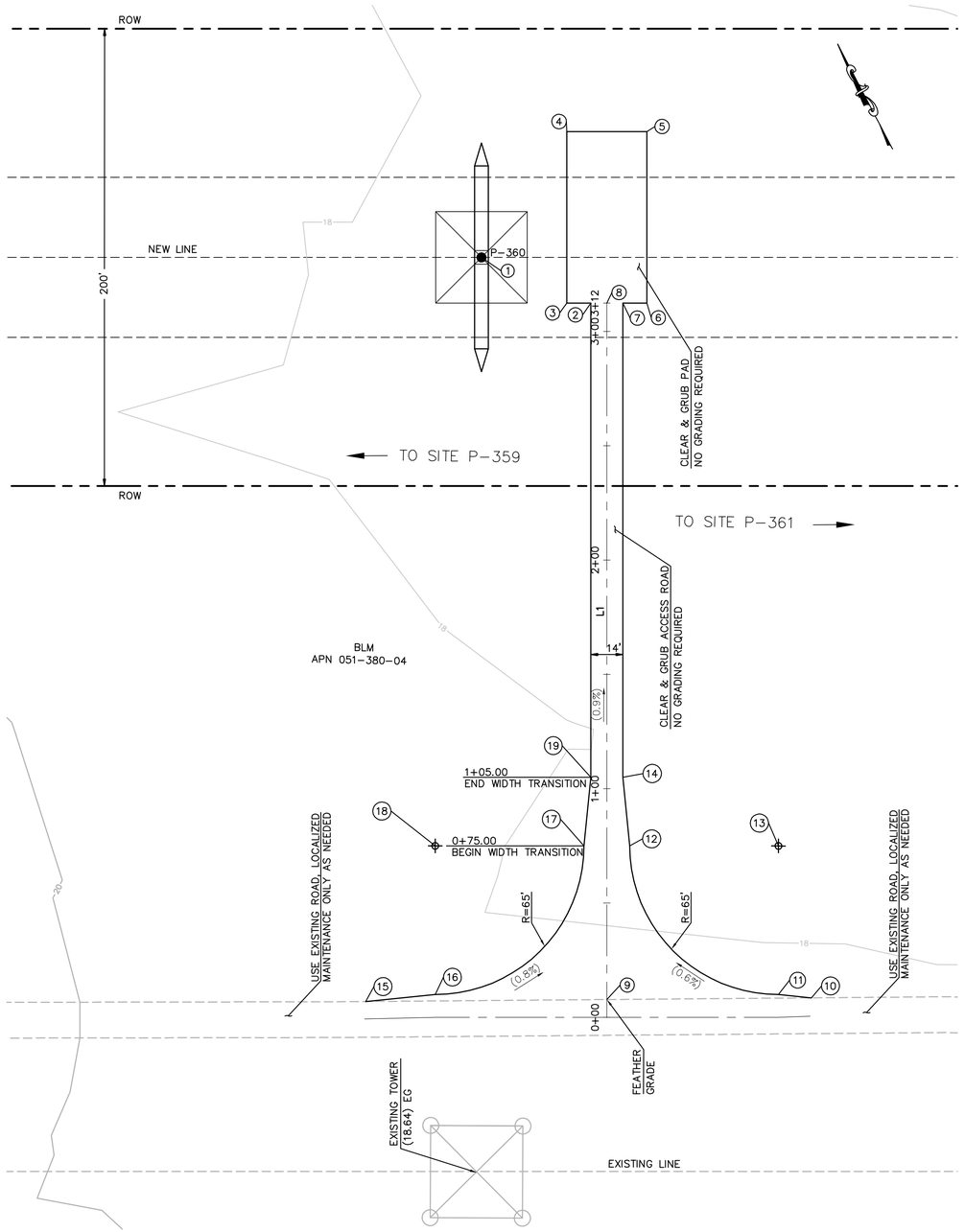
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
SITE P-359

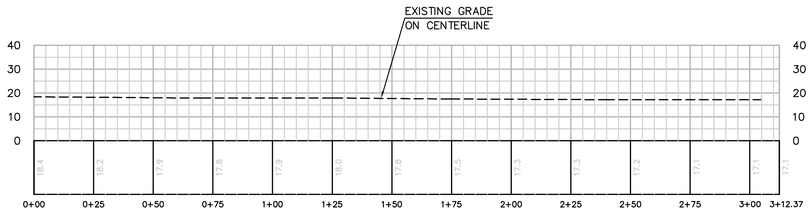
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P359-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-360	500 KV EXMT Lattice Tangent Tower	0.00	154.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1843304.96	6720606.87	P-360/(18.63)
2	1843265.07	6720639.89	EG
3	1843269.95	6720630.59	EG
4	1843336.37	6720665.43	EG
5	1843320.11	6720696.42	EG
6	1843253.69	6720661.59	EG
7	1843258.57	6720652.29	EG
8	1843261.82	6720646.09	CL/EG
9	1842992.06	6720504.74	CL/EG
10	1842951.23	6720584.20	EG
11	1842959.19	6720572.12	BC
12	1843046.94	6720544.73	EC
13	1843016.76	6720602.30	RP
14	1843074.90	6720556.01	EG
15	1843040.26	6720410.94	EG
16	1843028.83	6720439.27	BC
17	1843056.22	6720527.02	EC
18	1843086.40	6720469.45	RP
19	1843081.40	6720543.61	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		312.38	N27°39'13"E



PROFILE: ACCESS ROAD TO TOWER P-360

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,906 SF
TOTAL: 9,531 SF

LENGTH OF ACCESS ROAD: 312 LF

TOWER P-360 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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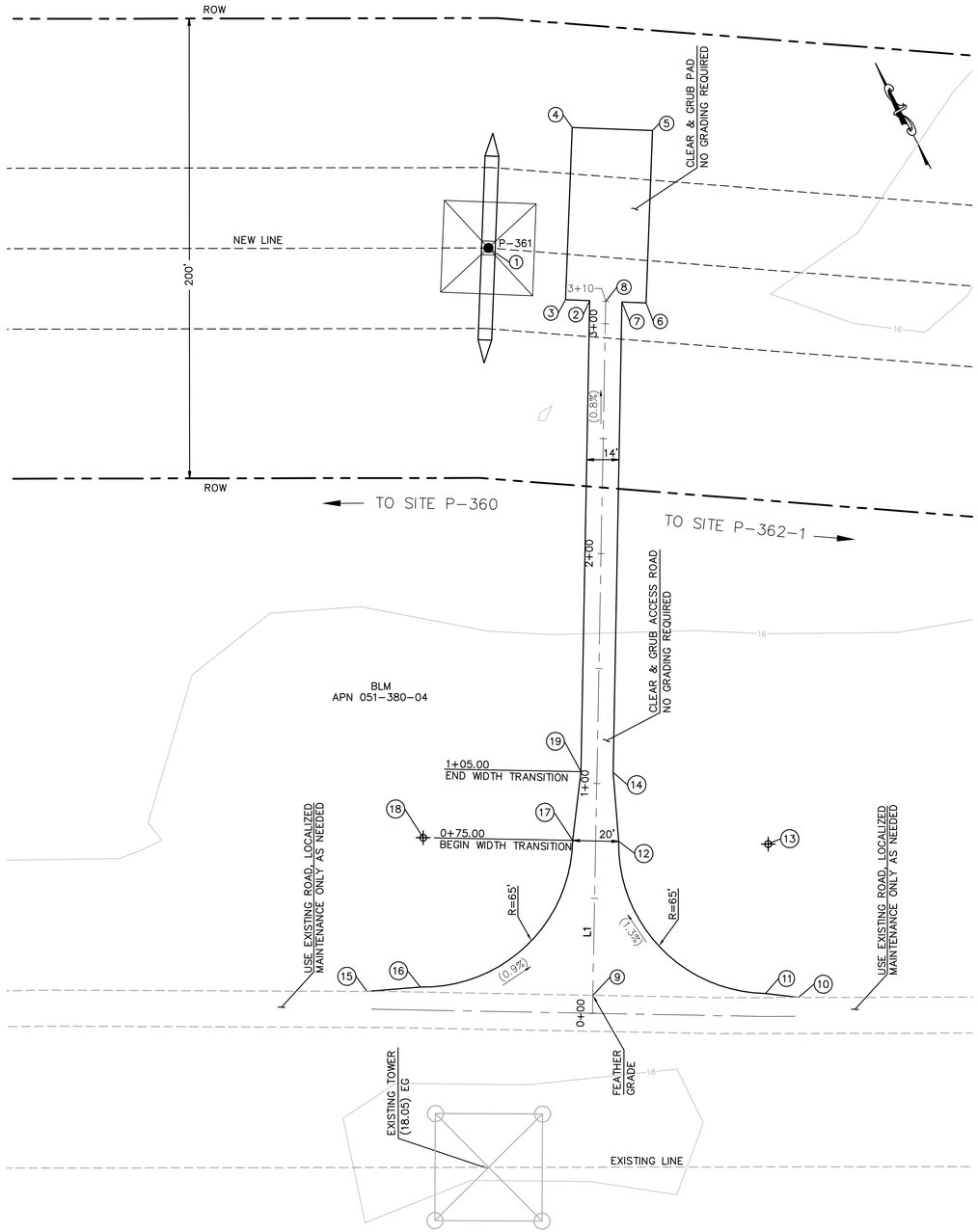
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-360

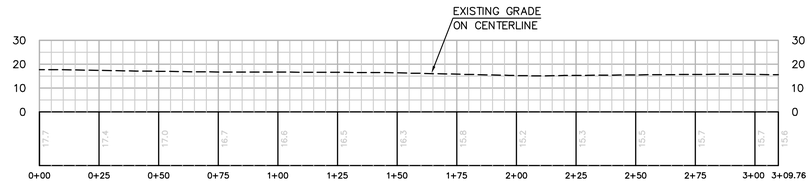
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P360-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-361	500 KV EXLA Lattice Angle Tower	4.59	151.50

NUMBER	NORTHING	EASTING	DESCRIPTION/ELEVATION
1	1842485.99	6722169.09	P-361/(16.31)
2	1842445.23	6722197.33	EG
3	1842450.48	6722188.24	EG
4	1842515.45	6722225.69	EG
5	1842497.98	6722256.02	EG
6	1842433.00	6722218.56	EG
7	1842438.24	6722209.47	EG
8	1842441.74	6722203.40	CL/EG
9	1842177.21	6722057.84	CL/EG
10	1842134.71	6722136.58	EG
11	1842142.96	6722124.59	BC
12	1842231.24	6722098.98	EC
13	1842199.90	6722155.93	RP
14	1842258.97	6722110.82	EG
15	1842224.41	6721971.78	EG
16	1842215.27	6721993.18	BC
17	1842240.88	6722081.46	EC
18	1842272.22	6722024.51	RP
19	1842265.72	6722098.55	EG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		309.76	N28°49'23"E



PROFILE: ACCESS ROAD TO TOWER P-361

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

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,855 SF
TOTAL: 9,480 SF

LENGTH OF ACCESS ROAD: 310 LF

TOWER P-361 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO, CALIFORNIA

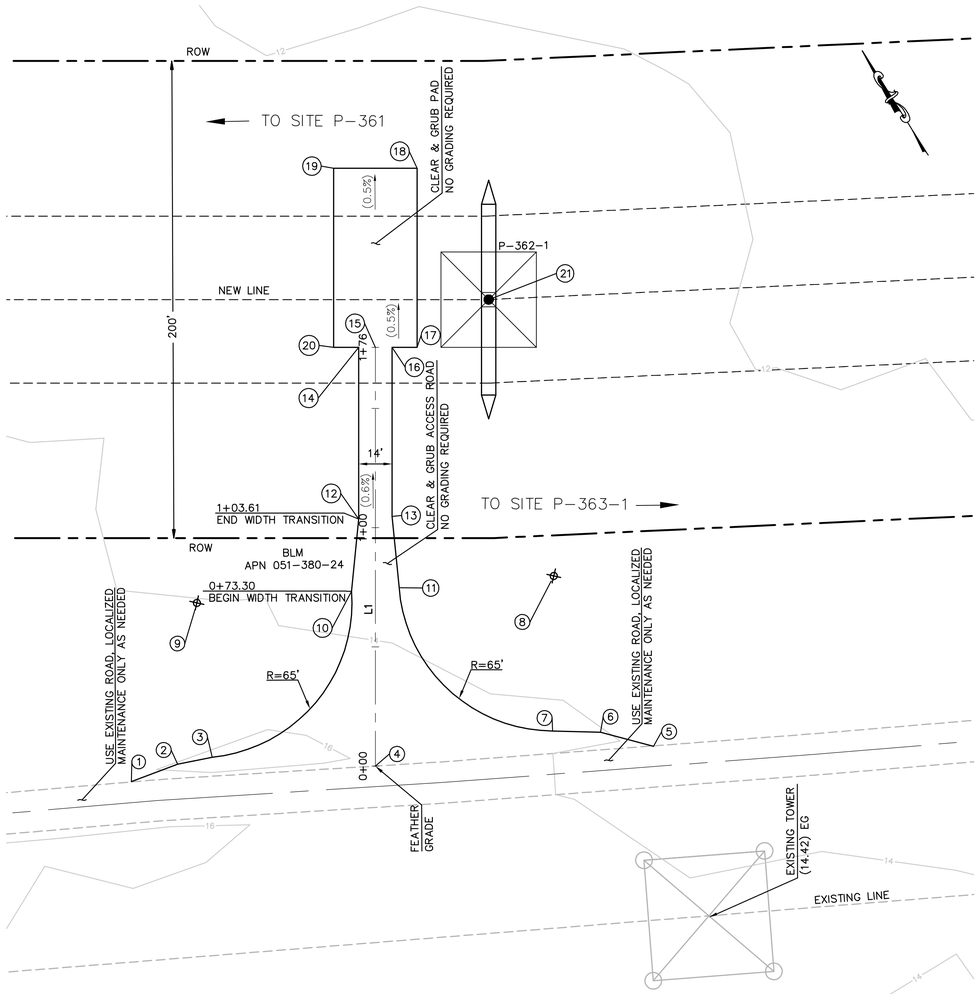
SPL-10B (LINK 1)
SITE P-361

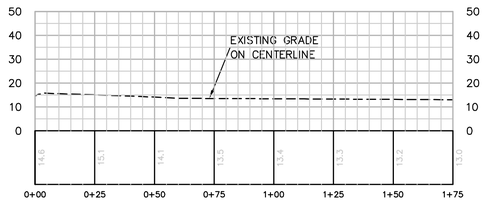
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P361-S1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-362-1	500 KV EXLA Lattice Angle Tower	-2.65	148.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1841494.33	6723361.70	(15.55)	EG
2	1841490.19	6723382.02	(16.03)	EG
3	1841484.88	6723395.85	(16.12)	EG
4	1841445.26	6723451.67	(14.63)	CL
5	1841390.08	6723554.69	(13.66)	EG
6	1841406.91	6723539.08	(14.03)	EG
7	1841418.04	6723522.34	(14.23)	EG
8	1841472.75	6723557.45		RP
9	1841543.02	6723424.93		RP
10	1841512.57	6723482.35	(13.65)	EG
11	1841503.20	6723500.02	(13.45)	EG
12	1841536.61	6723501.04	(13.48)	EG
13	1841530.04	6723513.45	(13.34)	EG
14	1841597.50	6723539.47	(13.09)	EG
15	1841593.76	6723545.39	(13.03)	CL
16	1841590.02	6723551.31	(12.96)	EG
17	1841584.42	6723560.19	(12.86)	EG
18	1841647.85	6723600.21	(12.73)	EG
19	1841666.52	6723570.61	(12.67)	EG
20	1841603.10	6723530.59	(13.19)	EG
21	1841585.32	6723596.23	(13.72)	P-362-1

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		175.60	N32°15'21"E





PROFILE: ACCESS ROAD TO TOWER P-362-1
HORIZ. & VERT. SCALE: 1" = 30'

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

DISTURBED AREA:
PAD: 2,625 SF
ROAD: 6,243 SF
TOTAL: 8,868 SF

TOWER P-362-1 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

LENGTH OF ACCESS ROAD: 176 LF

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SPL-10B (LINK 1)
SITE P-362-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P362-1-S1
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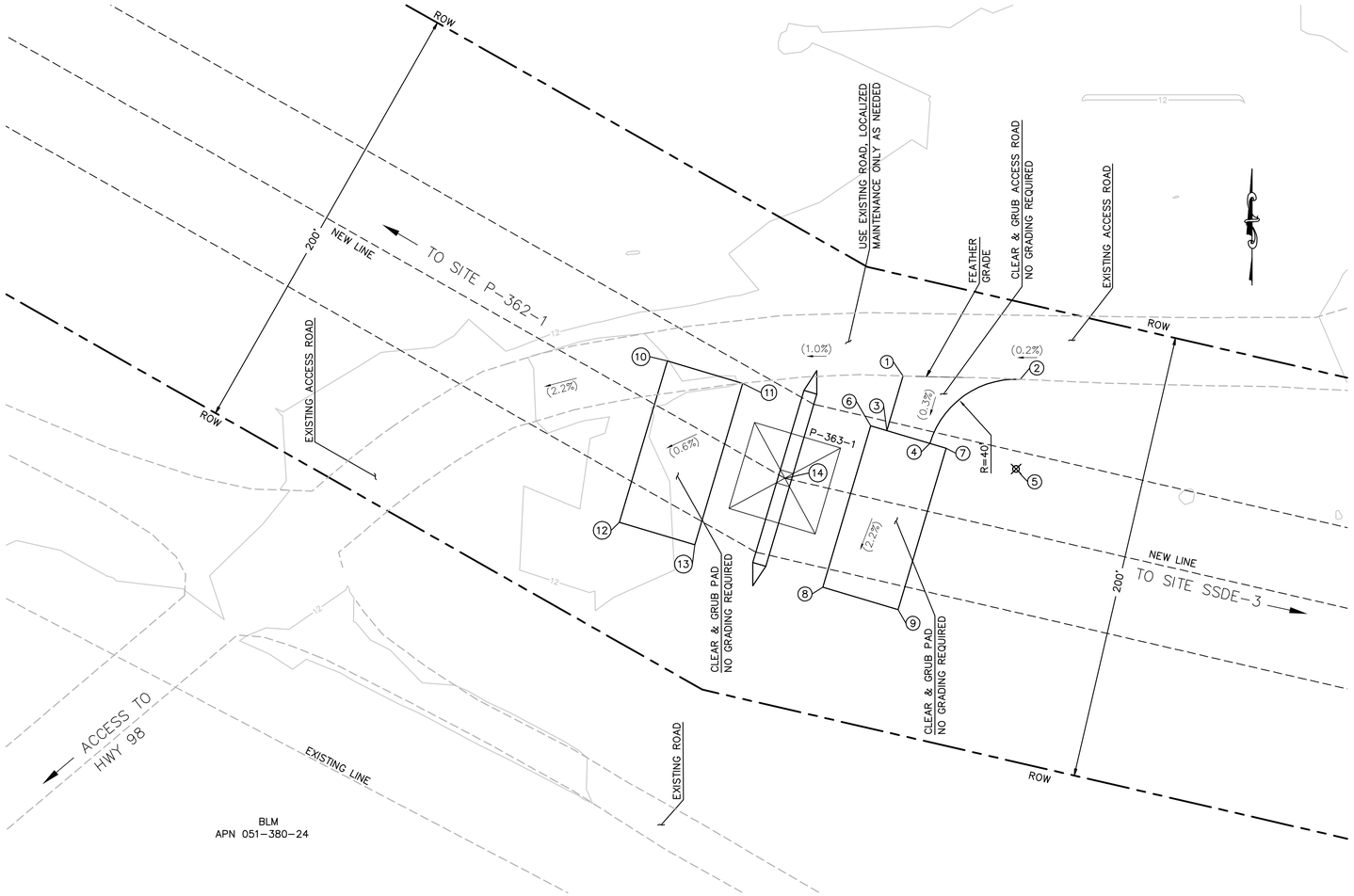
CAD NO.:	PLOT SCALE: 1 = 1				



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-363-1	500 KV EXLD Lattice Dead-End Tower	-16.58	150.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1840806.53	6725099.43		EG
2	1840805.04	6725151.52		EG
3	1840782.16	6725092.19		EG
4	1840776.47	6725111.36		EG
5	1840765.08	6725149.71		RP
6	1840784.30	6725085.00		EG
7	1840774.33	6725118.55		EG
8	1840712.41	6725063.64		EG
9	1840702.44	6725097.19		EG
10	1840813.22	6724994.49		EG
11	1840803.25	6725028.04		EG
12	1840741.32	6724973.13		EG
13	1840731.35	6725006.68		EG
14	1840760.96	6725046.77	(12.42)	P-363-1

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

DISTURBED AREA:
PAD: 5250 SF
ROAD: 750 SF
TOTAL: 6000 SF

LENGTH OF ACCESS ROAD: 28 LF

TOWER P-363-1 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)

SITE P-363-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P363-1-S1
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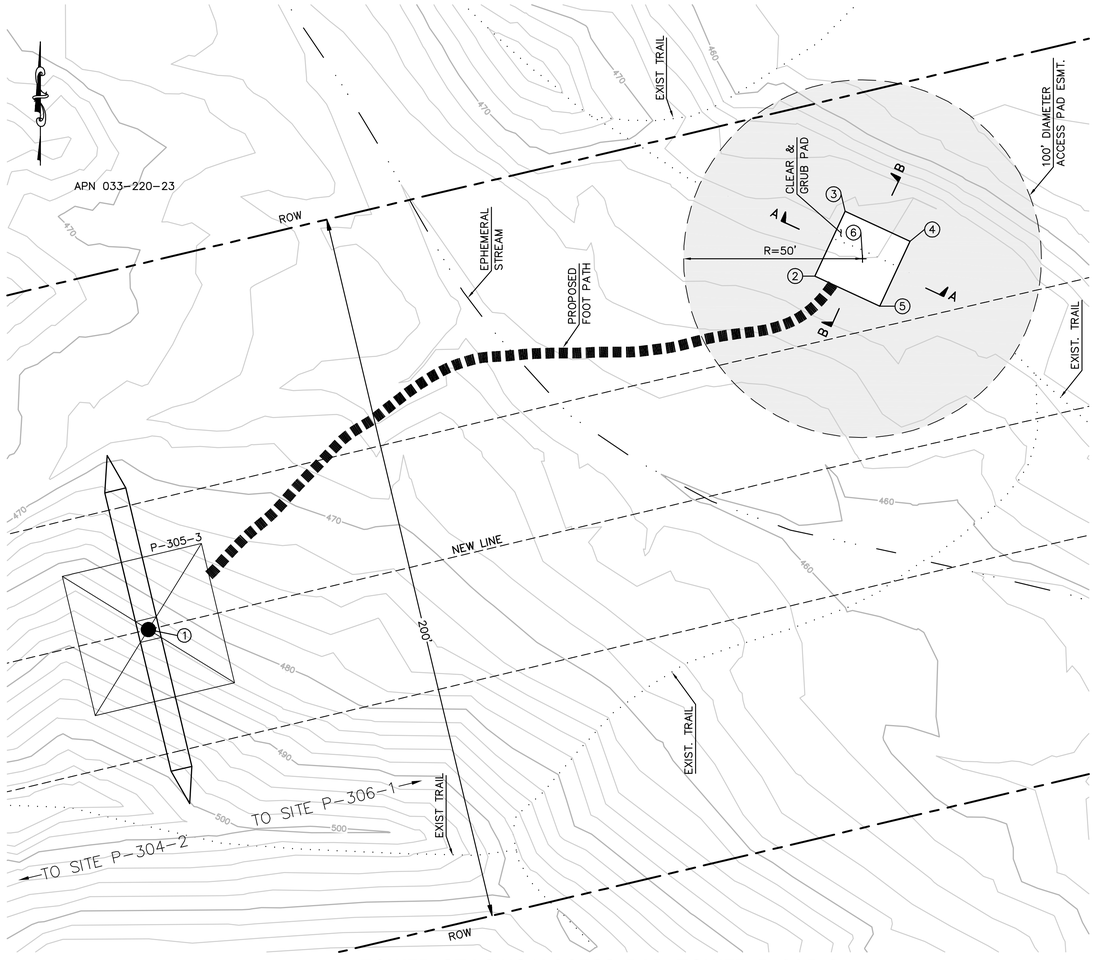


EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

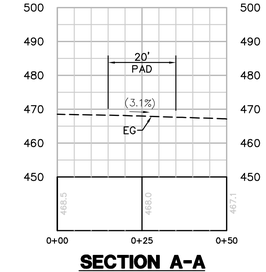
TOWER STAGING/ACCESS PAD TOWER P-305-3
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

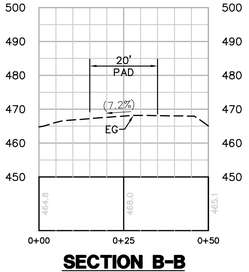
GRAPHIC SCALE
20 0 20 40
1"=20'

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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-305-3	500 KV EXMT Lattice Tangent Tower	0.00	178.50

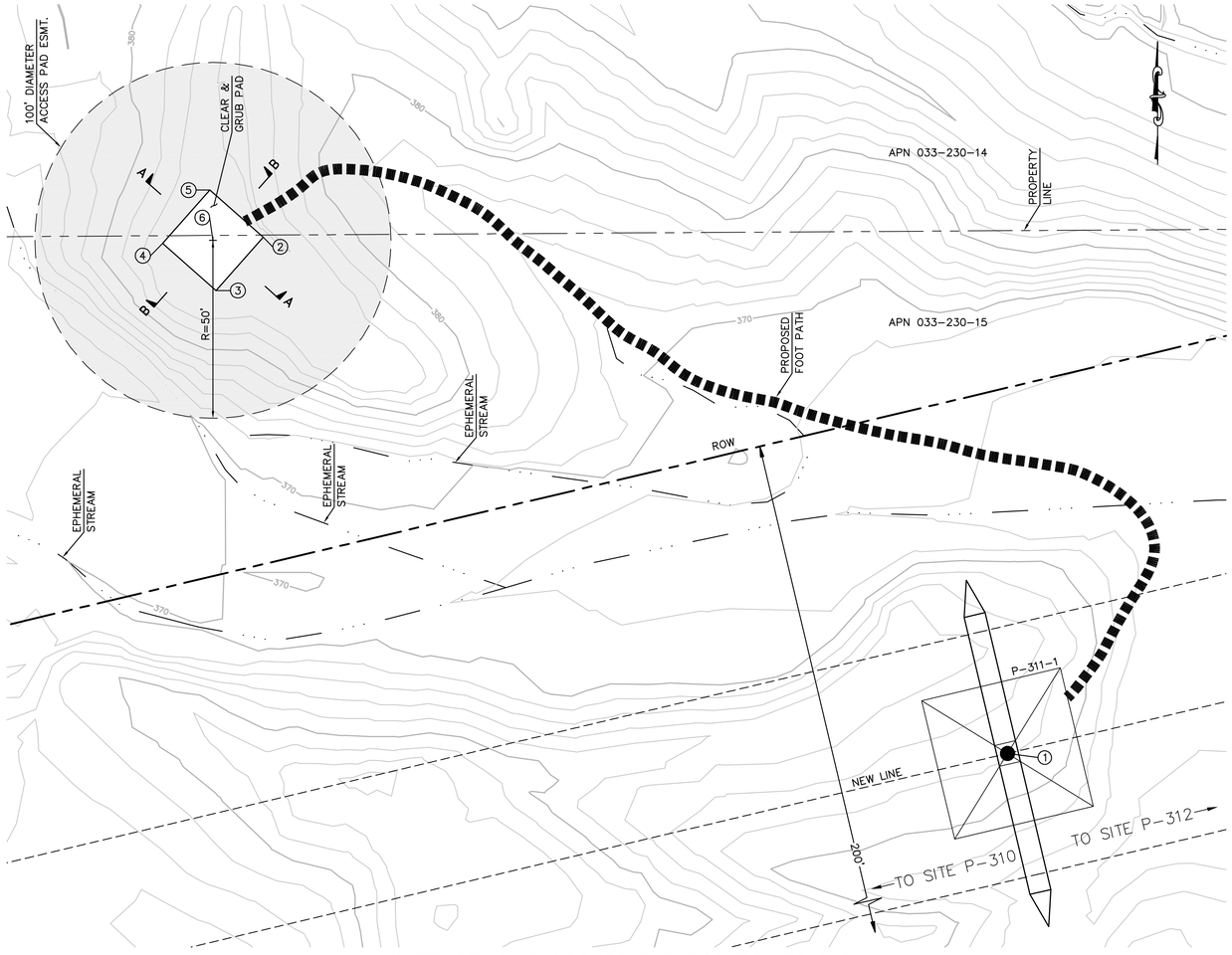


SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1862905.06	6637974.13	(486.07)	P-305-3
2	1863003.88	6638160.42	(467.25)	EG
3	1863022.01	6638168.85	(468.08)	EG
4	1863013.58	6638186.98	(467.83)	EG
5	1862995.44	6638178.55	(467.03)	EG
6	1863008.73	6638173.70		RP



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

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

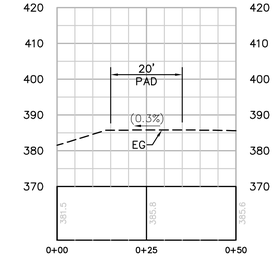
TOWER STAGING/ACCESS PAD FOR TOWER P-311-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

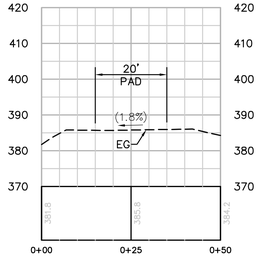
GRAPHIC SCALE
20 0 20 40
1"=20'

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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-311-1	500 KV EXMT Lattice Tangent Tower	0.00	142.50



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



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1864941.01	6646552.18	(372.86)	P-311-1
2	1865086.05	6646343.19	(385.96)	EG
3	1865071.07	6646329.94	(385.61)	EG
4	1865084.31	6646314.96	(385.42)	EG
5	1865099.30	6646328.20	(385.88)	EG
6	1865085.18	6646329.07		RP

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P305-3 & P311-1

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CHECKED BY:	DATE:		
APPROVED BY:	DATE:		10B-P305-3&P311-1 TSAP
CAD NO.:	PLOT SCALE: 1 = 1		

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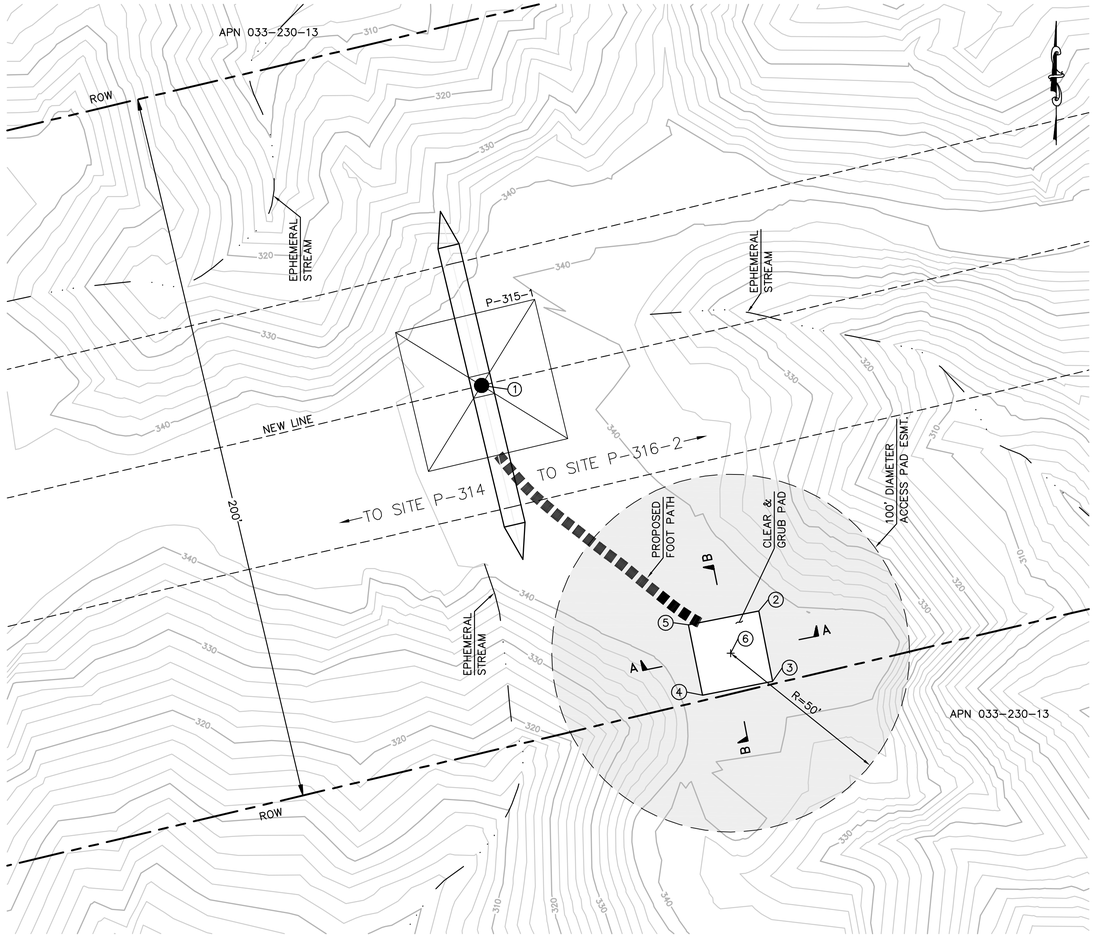


EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

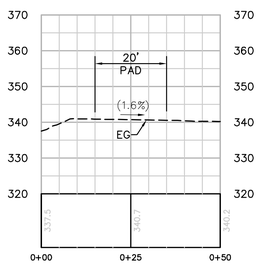
DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-315-1
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

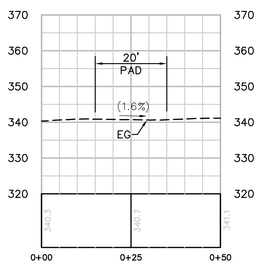
GRAPHIC SCALE
20 0 20 40
1"=20'

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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-315-1	500 KV EXMT Lattice Tangent Tower	0.00	145.50

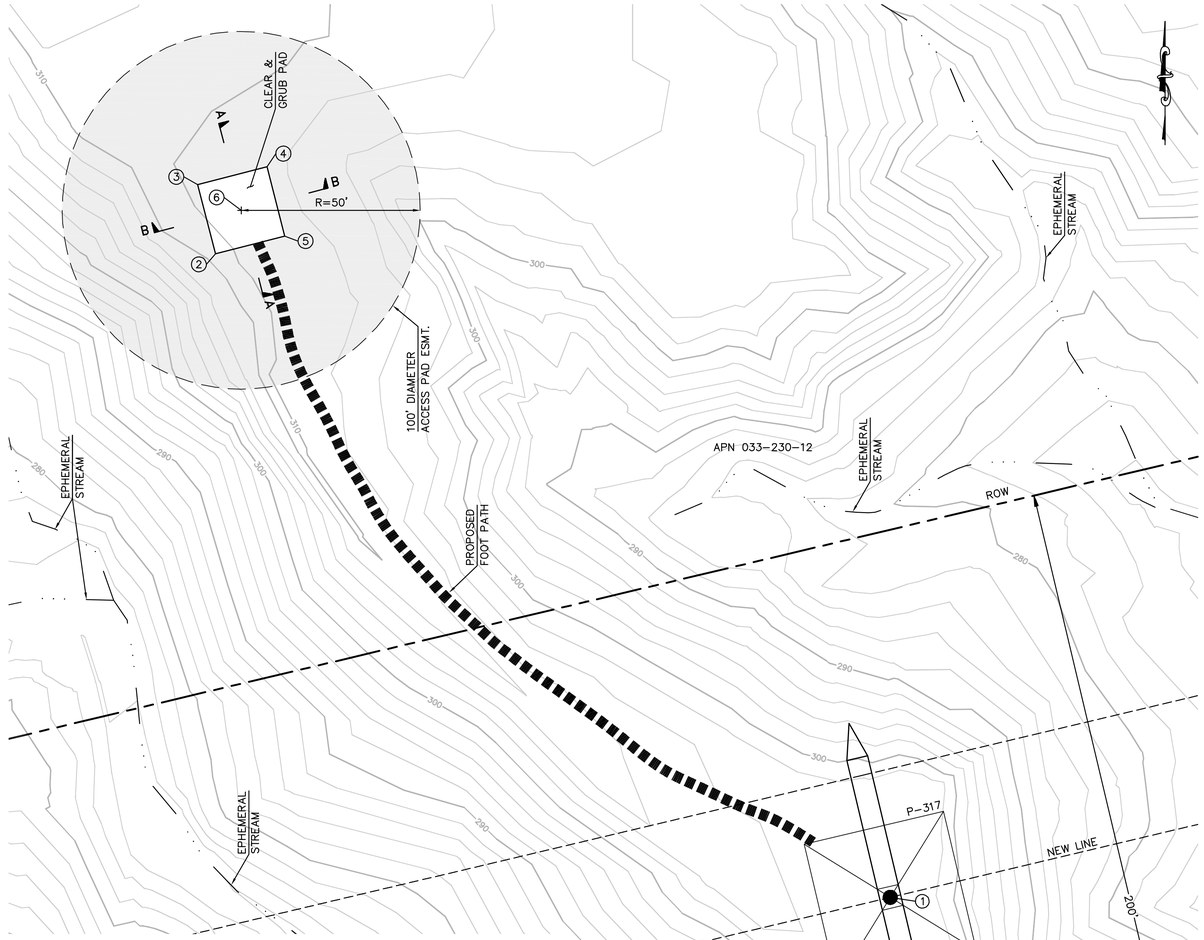


SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866194.01	6651831.44	(341.74)	P-315-1
2	1866130.93	6651908.90	(340.38)	EG
3	1866111.31	6651912.77	(340.70)	EG
4	1866107.44	6651893.15	(340.97)	EG
5	1866127.06	6651889.28	(341.12)	EG
6	1866119.19	6651901.02		RP

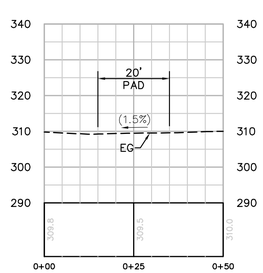


EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

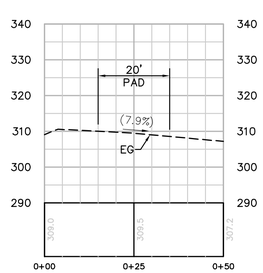
DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-317	500 KV EXMT Lattice Tangent Tower	0.00	142.50



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



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

TOWER STAGING/ACCESS PAD FOR TOWER P-317
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866891.57	6654770.51	(303.22)	P-317
2	1867071.47	6654581.94	(310.27)	EG
3	1867090.85	6654576.97	(309.80)	EG
4	1867095.82	6654596.34	(308.47)	EG
5	1867076.45	6654601.31	(308.72)	EG
6	1867083.65	6654589.14		RP

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\Helipads\10B-P315-1 & P317 TSAP.dwg[May-21-2010]1126

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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:

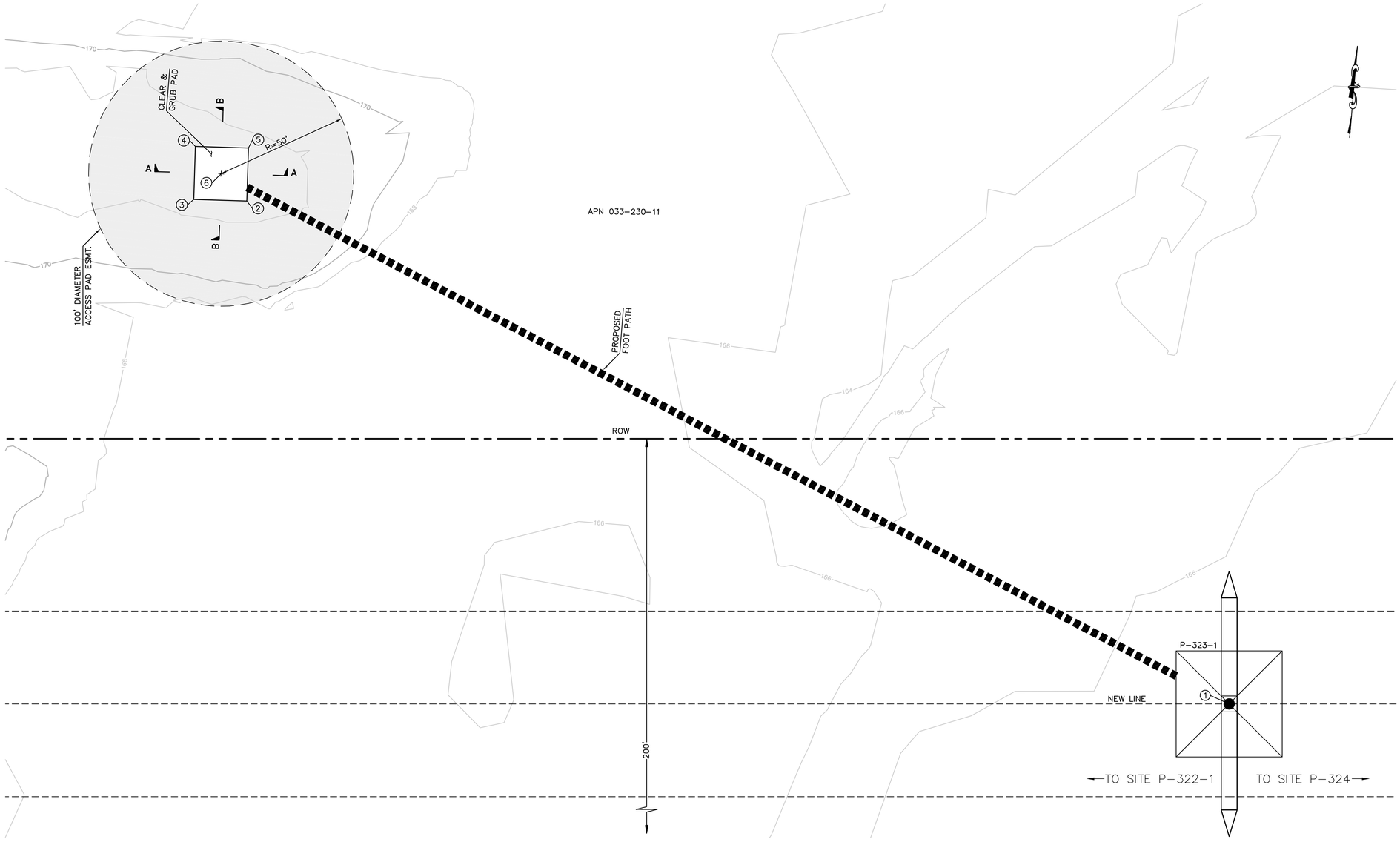
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

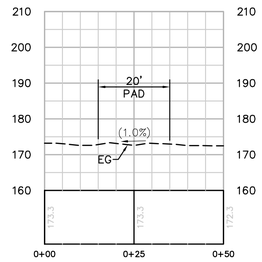
SPL-10B (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P315-1 & P317

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		10B-P315-1&P317-TSAP

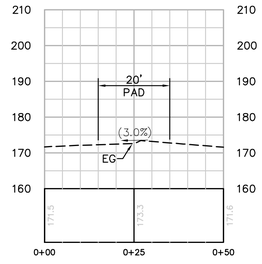
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-323-1	500 KV EXMT Lattice Tangent Tower	0.00	127.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867969.40	6663380.88	(166.06)	P-323-1
2	1868129.82	6662996.89	(172.29)	EG
3	1868128.89	6662976.91	(172.20)	EG
4	1868148.87	6662975.98	(172.69)	EG
5	1868149.80	6662995.95	(172.34)	EG
6	1868139.34	6662986.43		RP





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



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

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

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE TSAP 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-323-1
(THIS IS NOT A HELIPORT)
SCALE: 1" = 20'

GRAPHIC SCALE
20 0 20 40
1"=20'

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\Helipads\10B-P323-1 TSAP.dwg Mon, 21-2010 11:16

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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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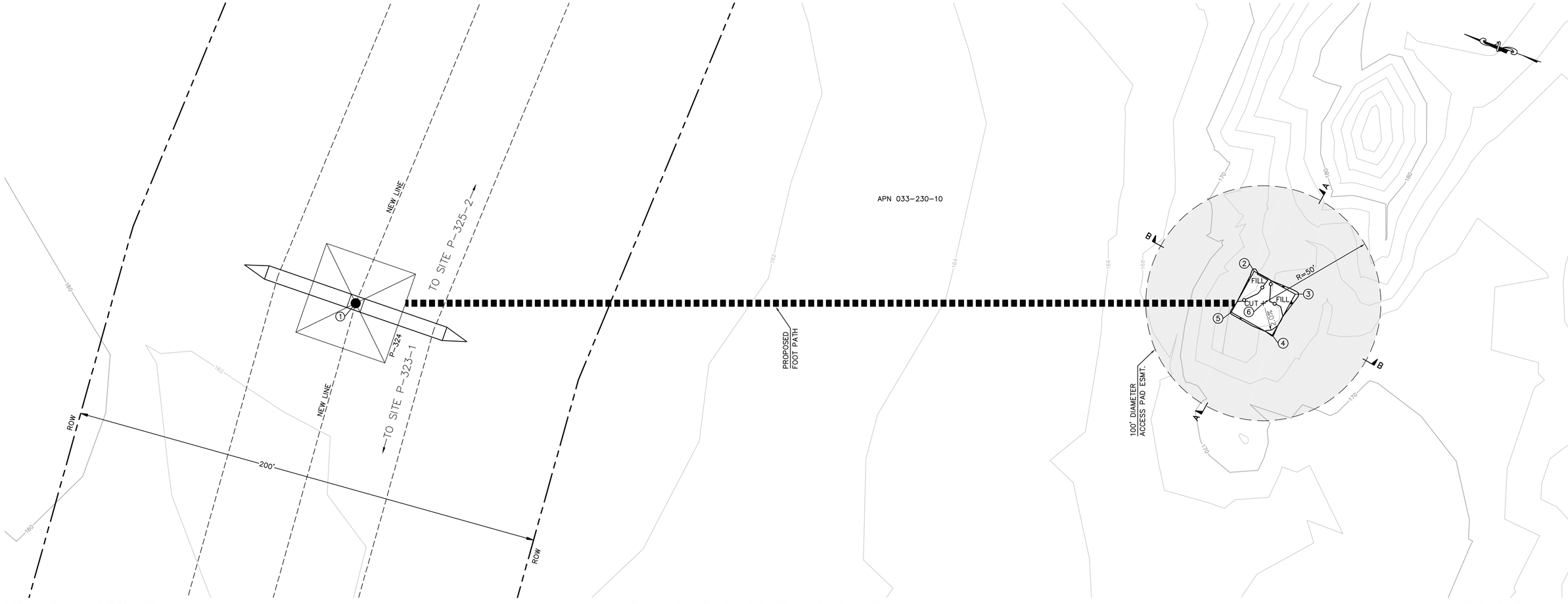
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P323-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	10B-P323-1 TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



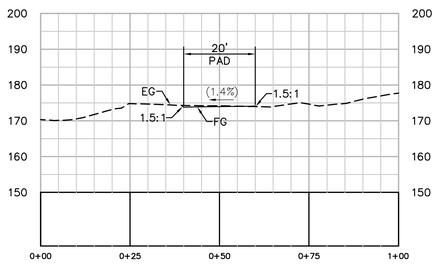
EARTH QUANTITIES:
CUT: 3 CY
FILL: 2 CY
NET: 1 CY

DISTURBED AREA:
PAD: 440 SF
TOTAL: 440 SF

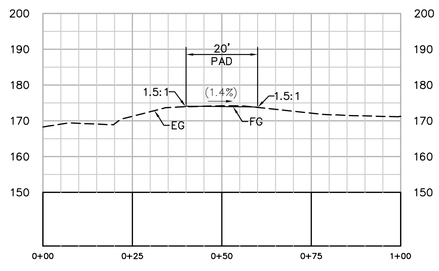
PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE TSAP 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

TOWER STAGING/ACCESS PAD FOR TOWER P-324
(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	1868083.46	6664849.94	(162.43)	P-324
2	1867729.24	6664993.94	174.24	FG
3	1867709.50	6664990.77	173.96	FG
4	1867712.67	6664971.02	173.68	FG
5	1867732.41	6664974.19	173.96	FG
6	1867720.96	6664982.48		RP

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-324	500 KV EXMA Lattice Angle Tower	6.84	136.50

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REVISIONS

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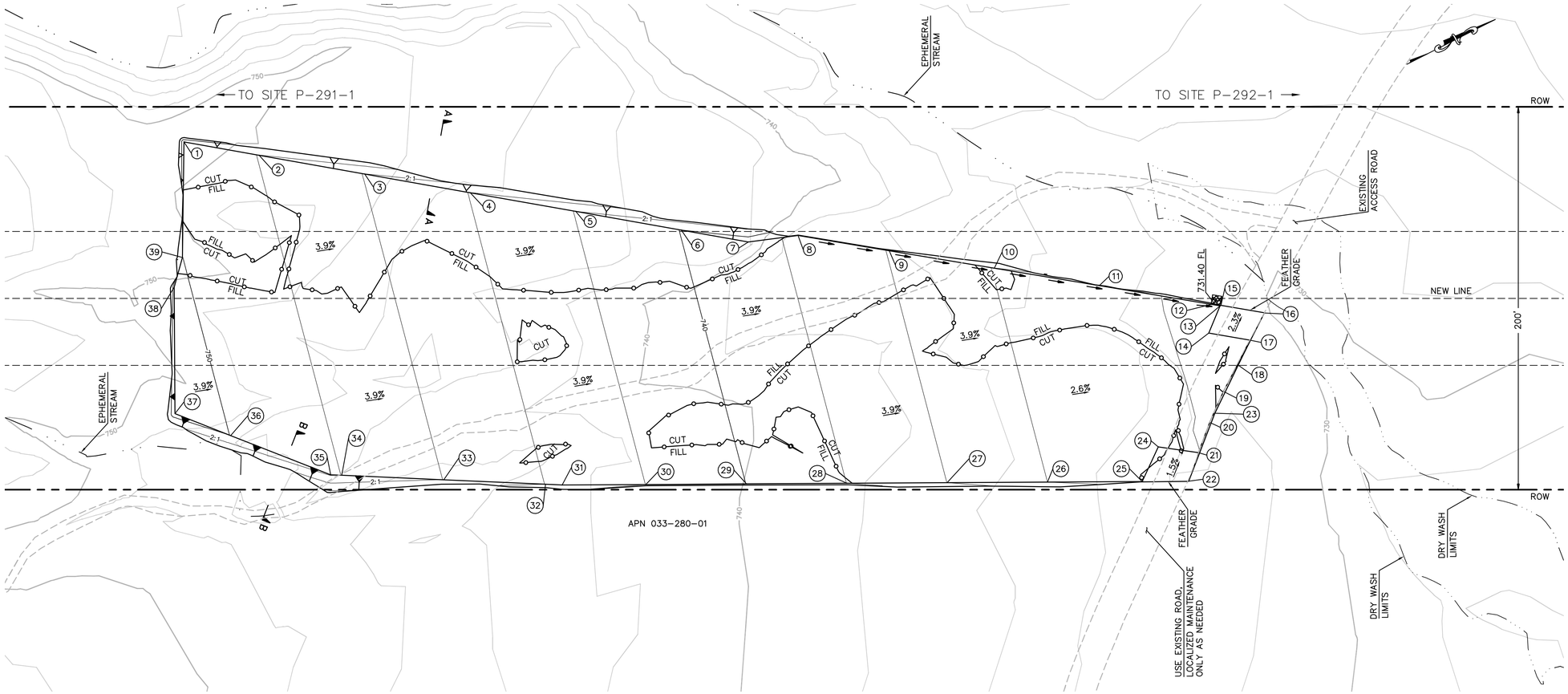
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA
SPL-10B (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P-324

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0	10B-P324 TSAP
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1847723.66	6624790.47	749.37	FG
2	1847755.50	6624814.48	747.95	FG
3	1847800.24	6624848.22	745.95	FG
4	1847844.97	6624881.96	743.95	FG
5	1847889.71	6624915.71	741.95	FG
6	1847934.45	6624949.45	739.95	FG
7	1847962.82	6624970.85	738.69	FG
8	1847987.49	6624979.61	737.67	FG
9	1848026.38	6625008.30	735.93	FG
10	1848071.17	6625041.34	733.94	FG
11	1848115.96	6625074.38	732.52	FG
12	1848163.77	6625109.65	731.58	FG
13	1848167.46	6625112.39	731.53	FG
14	1848155.67	6625122.41	731.64	FG
15	1848168.35	6625111.96	(731.25)	EG
16	1848186.17	6625126.08	(730.48)	EG
17	1848173.17	6625135.47	731.44	FG
18	1848161.58	6625143.86	731.56	FG
19	1848148.71	6625153.09	731.66	FG
20	1848134.96	6625164.21	731.78	FG
21	1848122.50	6625175.65	732.02	FG
22	1848110.76	6625186.44	(732.25)	EG
23	1848139.56	6625161.24	(0.00)	EG
24	1848105.20	6625163.49	732.46	FG
25	1848089.47	6625175.76	732.78	FG
26	1848045.22	6625153.57	734.00	FG
27	1847998.35	6625130.06	736.00	FG
28	1847951.48	6625106.55	737.99	FG
29	1847904.61	6625083.05	739.99	FG
30	1847857.51	6625059.45	741.99	FG
31	1847818.49	6625039.86	743.65	FG
32	1847810.94	6625035.58	743.98	FG
33	1847764.55	6625009.34	745.98	FG
34	1847718.16	6624983.09	747.98	FG
35	1847713.13	6624980.25	748.20	FG
36	1847675.80	6624938.24	749.98	FG
37	1847655.02	6624914.86	750.97	FG
38	1847684.67	6624855.74	750.33	FG
39	1847695.59	6624843.87	750.01	FG

EARTH QUANTITIES:
CUT: 1,568 CY
FILL: 1,446 CY
NET: 122 CY

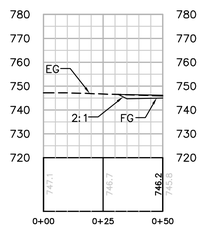
DISTURBED AREA:
PULLSITE: 74,934 SF
TOTAL: 74,934 SF

QUANTITIES
RIP RAP: 25 SF

PULL SITE P291-1 & P292-1 PLAN (PERMANENT)

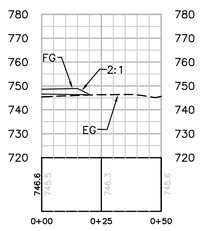
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



SECTION A-A

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



SECTION B-B

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

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Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
PULL SITE P-291-1 & P-292-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P291-1&292-1-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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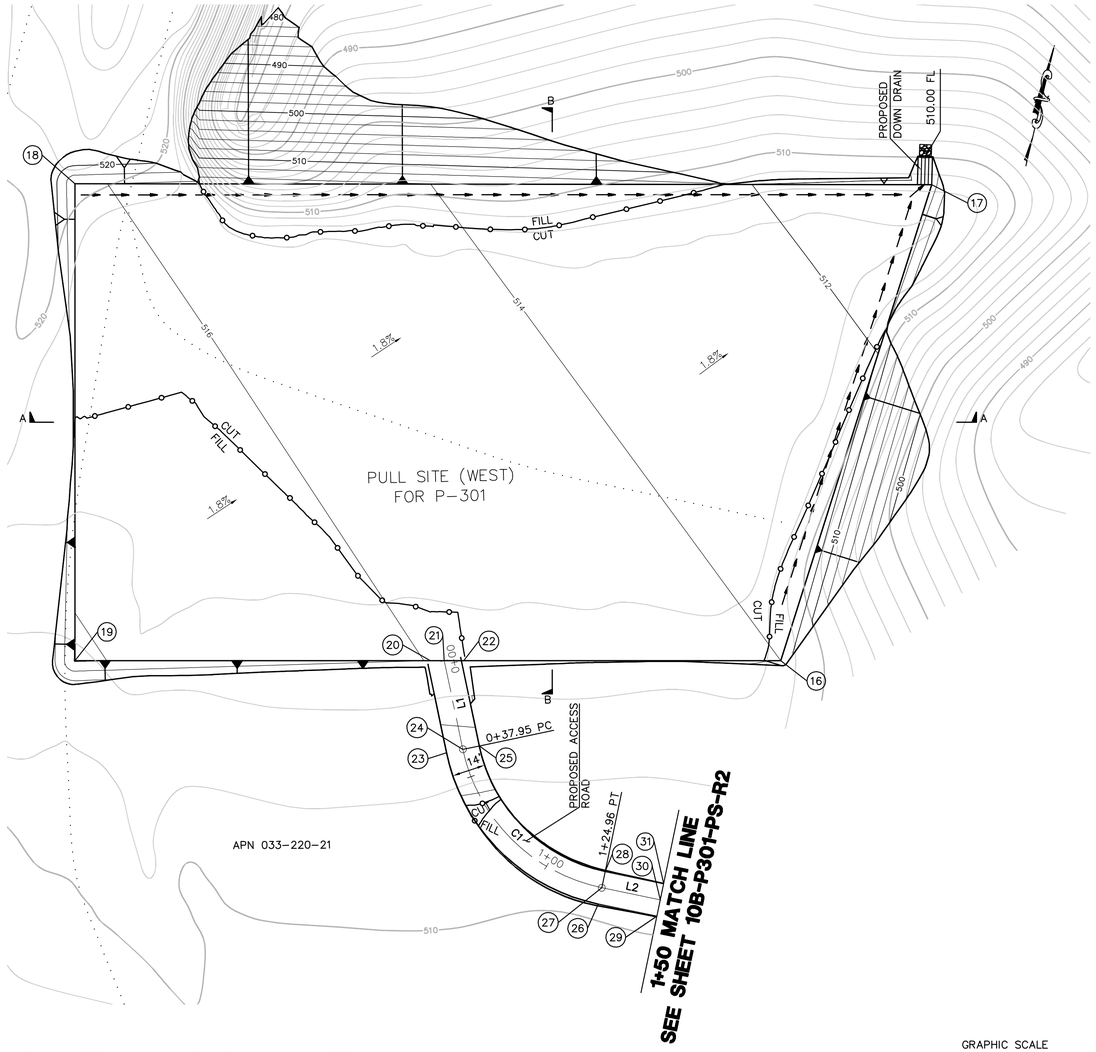
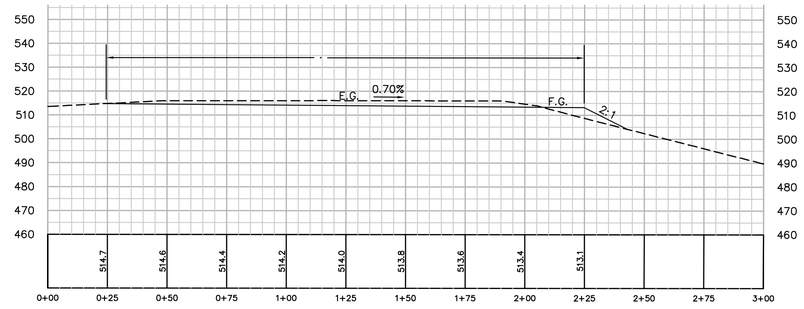
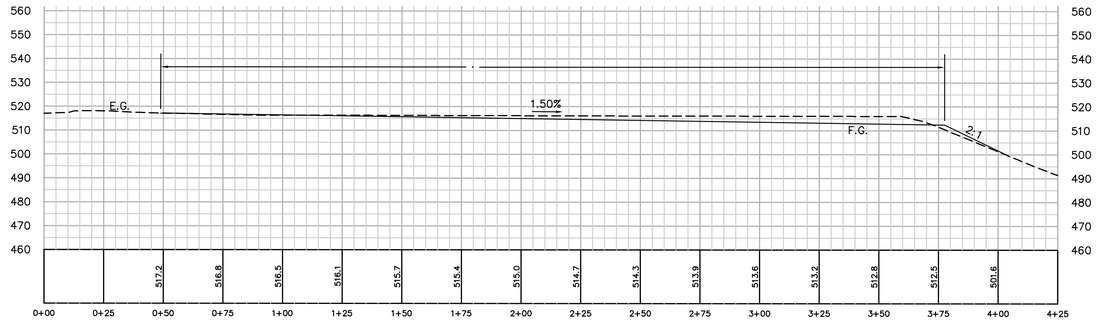


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
16	1861248.79	6631428.98	514.00	FG
17	1861457.66	6631444.39	510.90	FG
18	1861375.11	6631094.93	516.20	FG
19	1861180.52	6631141.11	518.20	FG
20	1861214.90	6631285.99	515.92	FG
21	1861216.23	6631291.69	515.91	CL
22	1861218.14	6631299.62	515.90	FG
23	1861178.91	6631301.55	513.18	FG
24	1861181.90	6631307.88	513.32	CL/BC
25	1861184.88	6631314.21	513.46	FG
26	1861131.86	6631378.13	510.70	FG
27	1861138.85	6631377.93	510.84	CL/EC
28	1861145.85	6631377.72	510.98	FG
29	1861132.58	6631403.15	510.40	FG
30	1861139.58	6631402.95	510.54	CL
31	1861146.58	6631402.75	510.68	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	DELTA/BEARING
L1		37.95	S25°14'55"E
C1	75.00	87.01	76°23'40"
L2		25.04	N88°20'15"E



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



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

EARTH QUANTITIES:

CUT:	3,152 CY
FILL:	2,949 CY
NET:	203 CY

DISTURBED AREA:

PAD:	78,123 SF
ROAD:	2,203 SF
TOTAL:	80,326 SF

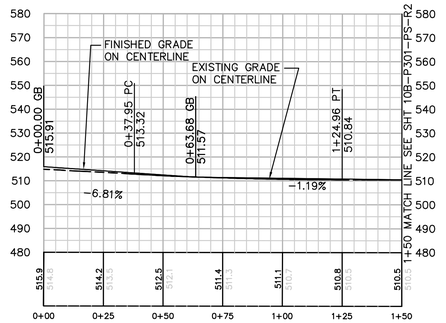
QUANTITIES:

RIP RAP: 25 SF
DOWN DRAIN: 11 LF

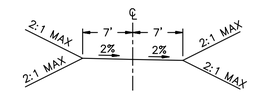
LENGTH OF ACCESS ROAD: 150 LF

PULL SITE (WEST) P-301 PLAN
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO PULL SITE (WEST) P-301
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+50.00

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\PULLSITES\10B-P301-PS-A.dwg[CMoy-21-2010]1:44

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STATE OF CALIFORNIA

REVISIONS

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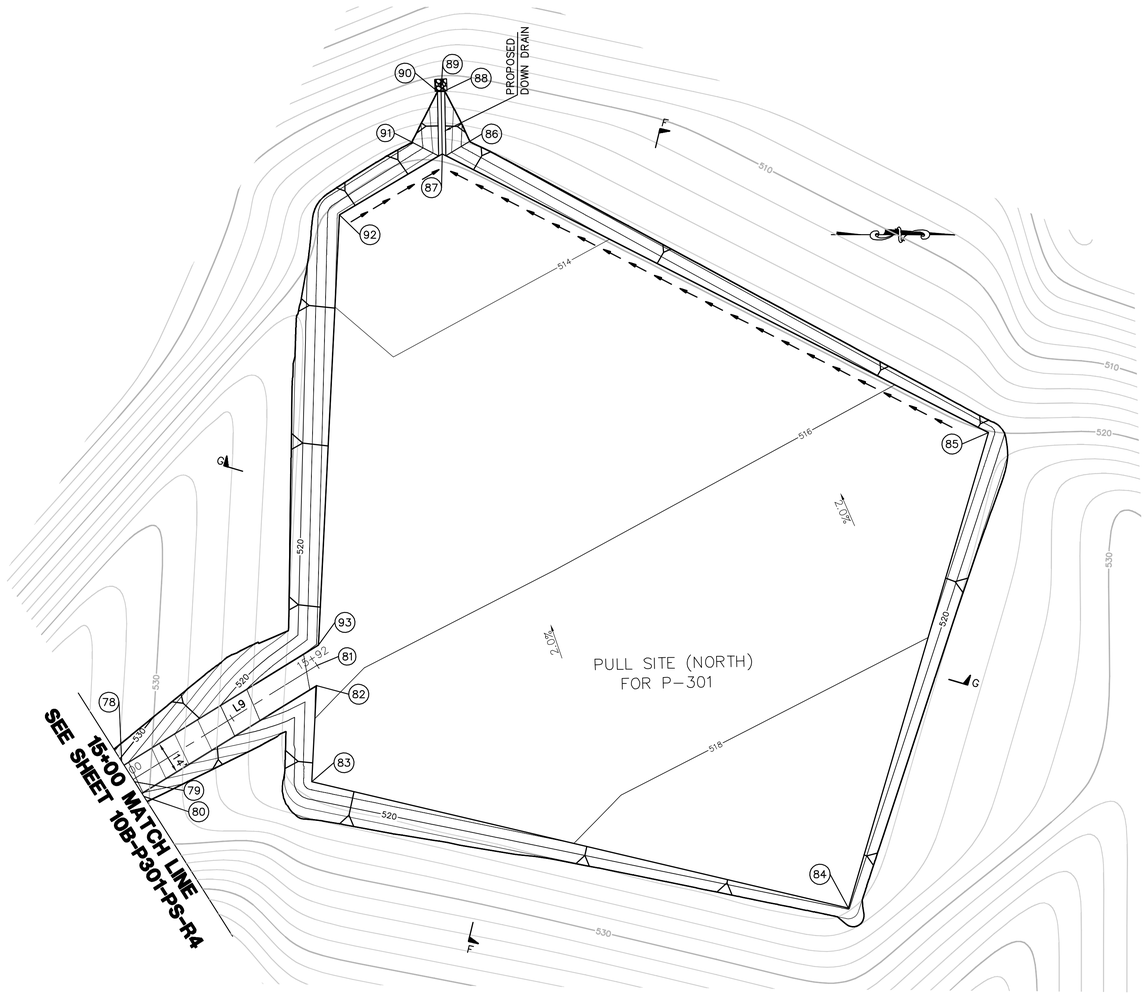
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

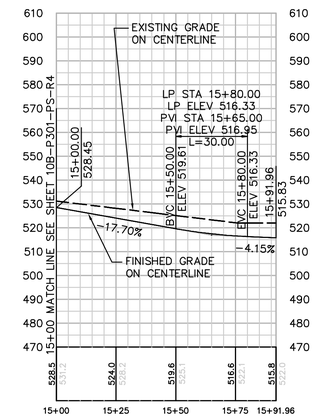
SPL-10B
PULL SITE (WEST) P-301

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		10B-P301-PS-A
CAD NO.:	PLOT SCALE: 1 = 1		



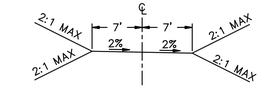
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
78	1862055.92	6632357.22	528.60	FG
79	1862059.67	6632363.29	528.45	CL
80	1862063.30	6632369.14	528.32	FG
81	1862137.85	6632314.87	515.83	CL
82	1862137.50	6632323.36	515.98	FG
83	1862135.54	6632363.60	516.31	FG
84	1862360.48	6632416.59	519.77	FG
85	1862419.21	6632217.29	516.66	FG
86	1862191.78	6632101.15	512.85	FG
87	1862190.27	6632100.38	512.79	FL
88	1862191.25	6632074.05	(512.00)	FG
89	1862189.75	6632074.23	511.94	FL
90	1862188.25	6632074.15	(512.00)	FG
91	1862188.78	6632101.25	512.85	FG
92	1862147.12	6632125.96	513.55	FG
93	1862138.33	6632306.33	515.64	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	DELTA/BEARING
L9		91.96	N31°46'23"W



PROFILE: ROAD TO PULL SITE (NORTH) P-301

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 15+00.00 TO 15+92.00

EARTH QUANTITIES:

CUT: 12960 CY
FILL: 0 CY
NET: 12960 CY

DISTURBED AREA:

PAD : 72329 SF
ROAD: 2641 SF
TOTAL: 74970 SF

LENGTH OF ACCESS ROAD: 92 LF

QUANTITIES:

RIP RAP: 25 SF
DOWN DRAIN: 26 LF

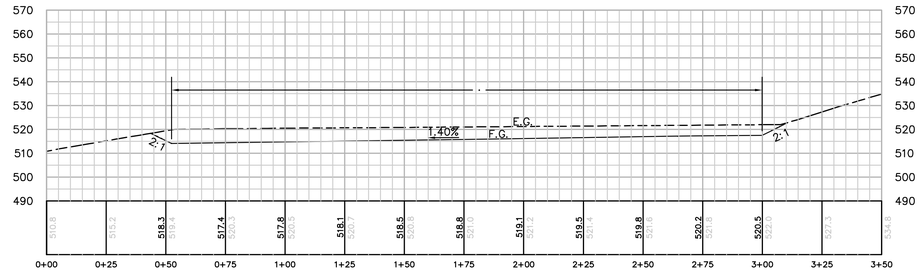
PULL SITE (NORTH) P-301

SCALE: 1" = 30'

GRAPHIC SCALE

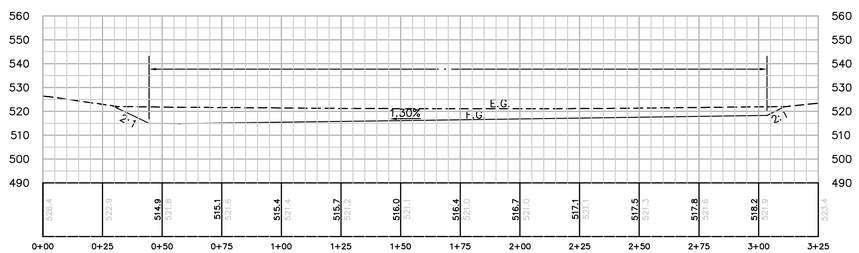
30 0 30 60

1"=30'



SECTION F-F

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



SECTION G-G

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

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\PULLSITES\10B-P301-PS-B.dwg May-21-2010 11:43

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REGISTERED PROFESSIONAL ENGINEER — STEPHEN K. SMITH — REG. NO. 28708 — Exp. 3-31-11 — CIVIL — STATE OF CALIFORNIA

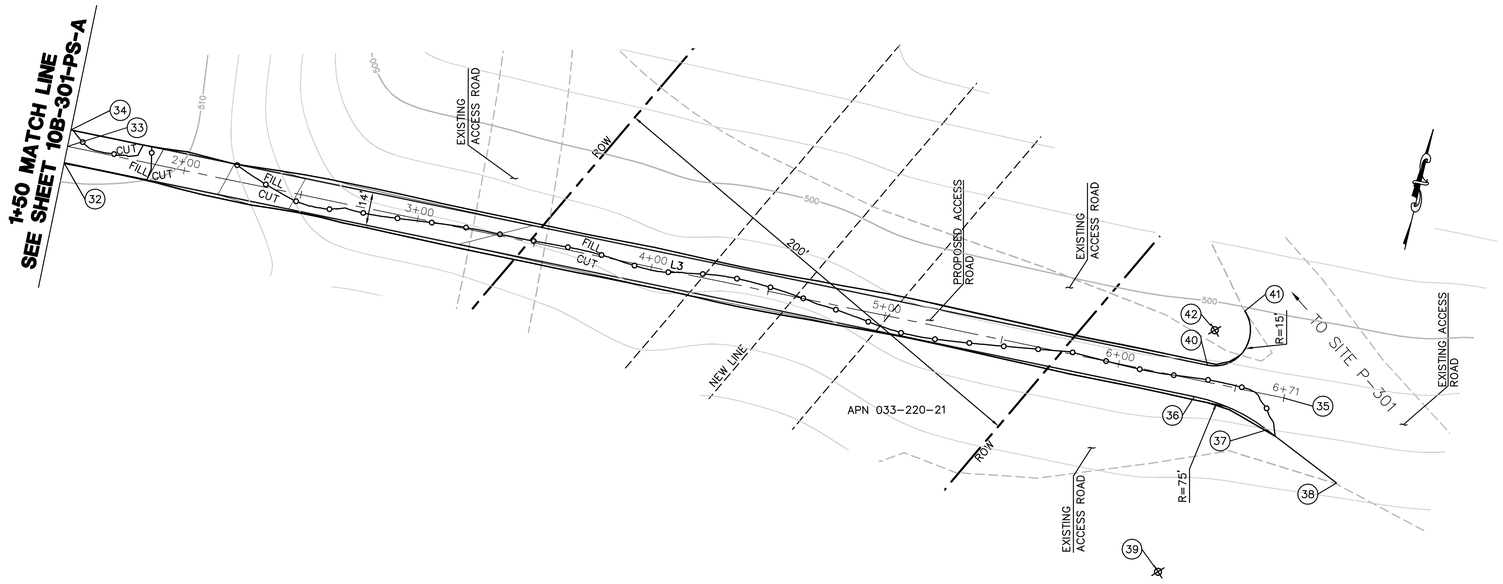
REVISIONS

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

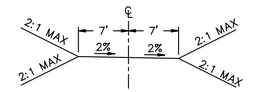
SPL-10B (LINK 1)
PULL SITE (NORTH) P-301

DRAWN BY: OD	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P301-PS-B
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	DELTA/BEARING
L3		520.73	N88°20'15"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
32	1861132.58	6631403.15	510.40	FG
33	1861139.58	6631402.95	510.54	CL
34	1861146.58	6631402.75	510.68	FG
35	1861154.69	6631923.46	(502.84)	CL
36	1861146.62	6631886.77	502.49	BC
37	1861140.12	6631919.56	504.03	EC
38	1861125.12	6631953.10	(505.49)	EG
39	1861071.65	6631888.95		RP
40	1861160.69	6631889.10	502.78	BC
41	1861186.45	6631899.12	(500.14)	EC
42	1861175.69	6631888.67		RP



TYPICAL ACCESS ROAD CROSS SECTION
STA 1+50.00 TO 6+70.73

EARTH QUANTITIES:
CUT: 54 CY
FILL: 62 CY
NET: 8 CY

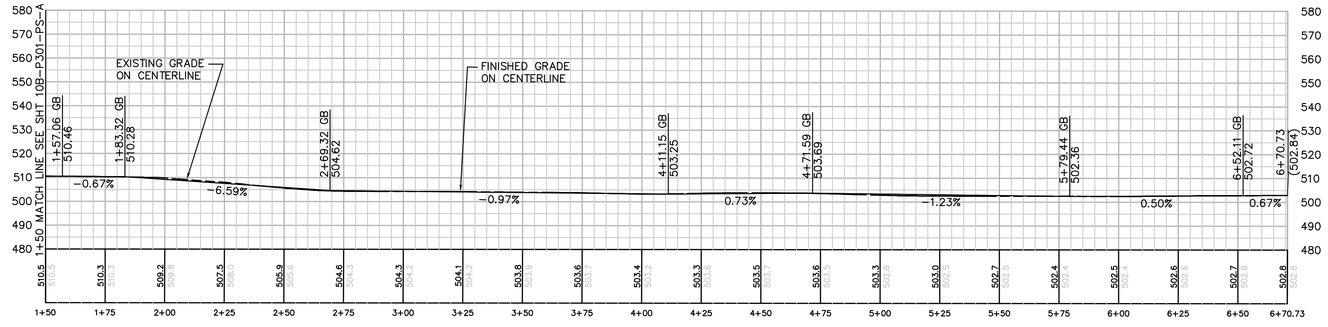
DISTURBED AREA:
ROAD: 9071 SF
TOTAL: 9071 SF

LENGTH OF ACCESS ROAD: 521 LF

ACCESS ROAD TO PULL SITE (WEST) P-301 PLAN

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO PULL SITE (WEST) P-301

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

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN K. SMITH
NO. 25708
Exp.3-31-17
CIVIL
STATE OF CALIFORNIA

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B
ACCESS ROAD TO PULL SITE (WEST) P-301

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P301-PS-R2
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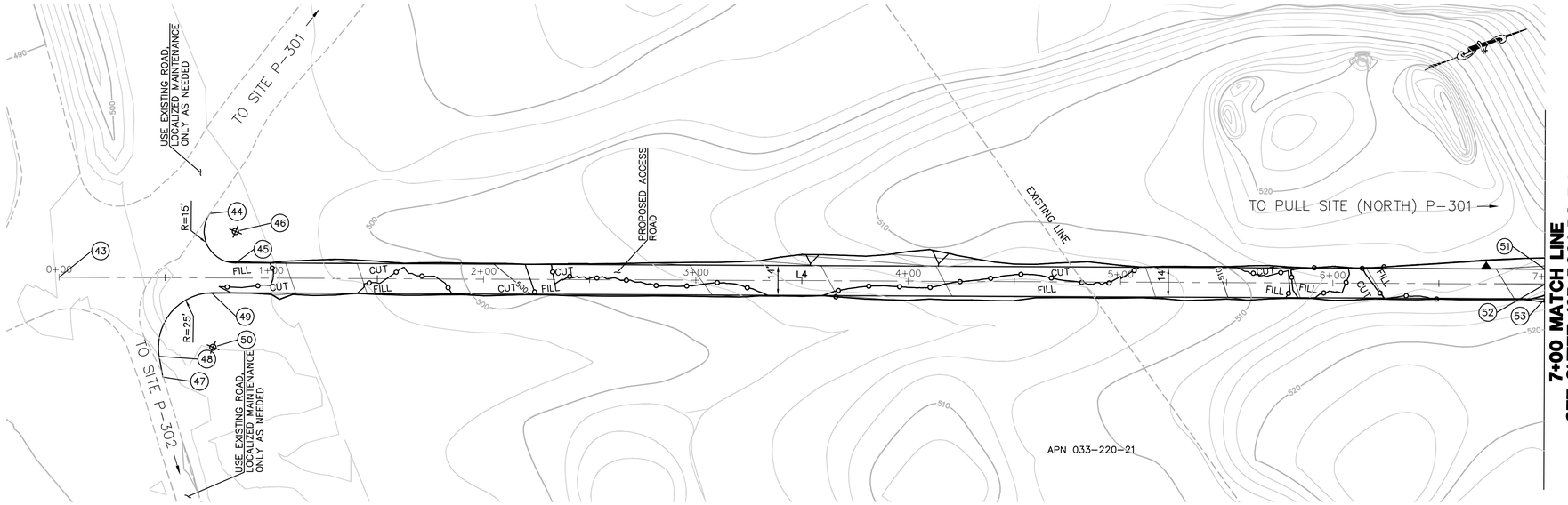
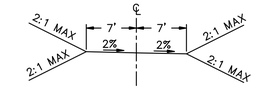


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
43	1860742.21	6632291.42	(492.06)	CL
44	1860819.21	6632290.28	(495.42)	EG
45	1860821.87	6632316.38	495.67	FG
46	1860821.33	6632302.64		RP
47	1860769.89	6632353.45	(490.93)	EG
48	1860771.93	6632343.67	492.08	BC
49	1860806.00	6632325.12	495.34	EC
50	1860797.07	6632349.28		RP
51	1861392.66	6632550.20	516.75	FG
52	1861390.00	6632556.69	516.61	CL
53	1861387.35	6632563.17	516.47	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	DELTA/BEARING
L4		700.00	N22°16'07"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 7+00.00

EARTH QUANTITIES:

CUT:	97 CY
FILL:	88 CY
NET:	9 CY

DISTURBED AREA:

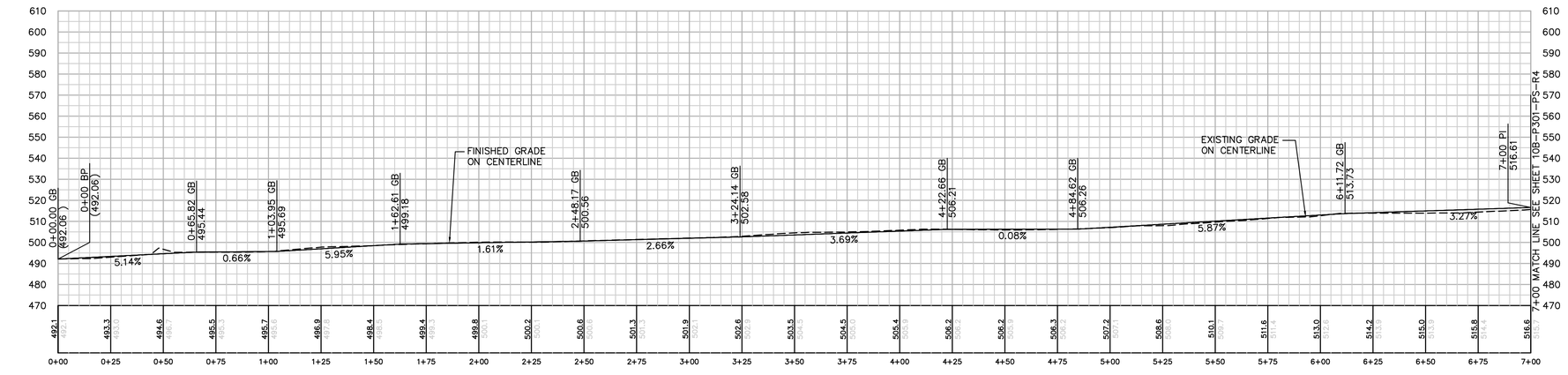
ROAD:	10966 SF
TOTAL:	10966 SF

LENGTH OF ACCESS ROAD: 700 LF

ACCESS ROAD TO PULL SITE (NORTH) P-301

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ROAD TO PULL SITE (NORTH) P-301

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

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
ACCESS ROAD TO PULL SITE (NORTH) P-301

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P301-PS-R3
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APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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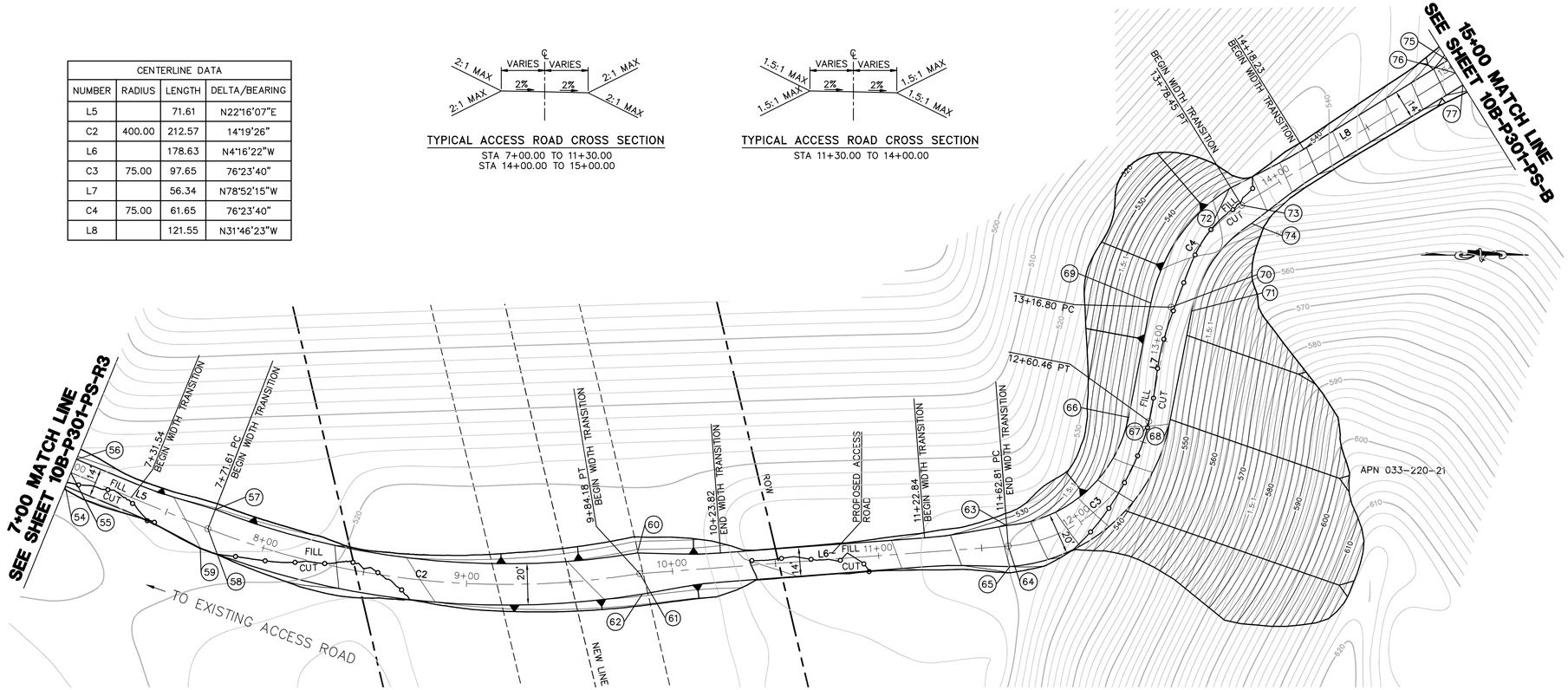
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	DELTA/BEARING
L5		71.61	N22°16'07"E
C2	400.00	212.57	14°19'26"
L6		178.63	N4°16'22"W
C3	75.00	97.65	76°23'40"
L7		56.34	N78°52'15"W
C4	75.00	61.65	76°23'40"
L8		121.55	N31°46'23"W

TYPICAL ACCESS ROAD CROSS SECTION
STA 7+00.00 TO 11+30.00
STA 14+00.00 TO 15+00.00

TYPICAL ACCESS ROAD CROSS SECTION
STA 11+30.00 TO 14+00.00

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
54	1861387.35	6632563.17	516.47	FG
55	1861390.00	6632556.69	516.61	CL
56	1861392.66	6632550.20	516.75	FG
57	1861459.97	6632574.53	518.39	FG
58	1861456.27	6632583.83	518.19	CL/BC
59	1861452.58	6632593.12	517.99	FG
60	1861664.04	6632595.54	524.86	FG
61	1861665.23	6632605.48	524.66	CL/EC
62	1861666.41	6632615.42	524.45	FG
63	1861842.62	6632582.20	532.39	FG
64	1861843.36	6632592.17	532.19	CL/BC
65	1861844.22	6632602.14	532.00	FG
66	1861901.55	6632529.93	544.36	FG
67	1861911.55	6632531.73	544.16	CL/EC
68	1861921.18	6632533.79	543.96	FG
69	1861912.43	6632474.65	545.72	FG
70	1861922.24	6632476.58	545.52	CL/BC
71	1861932.05	6632478.51	545.32	FG
72	1861950.43	6632419.20	545.33	FG
73	1861956.34	6632427.30	545.13	CL/EC
74	1861961.11	6632436.10	544.93	FG
75	1862055.92	6632357.22	528.60	FG
76	1862059.67	6632363.29	528.46	CL
77	1862063.30	6632369.14	528.32	FG



EARTH QUANTITIES:
CUT: 2021 CY
FILL: 1326 CY
NET: 695 CY

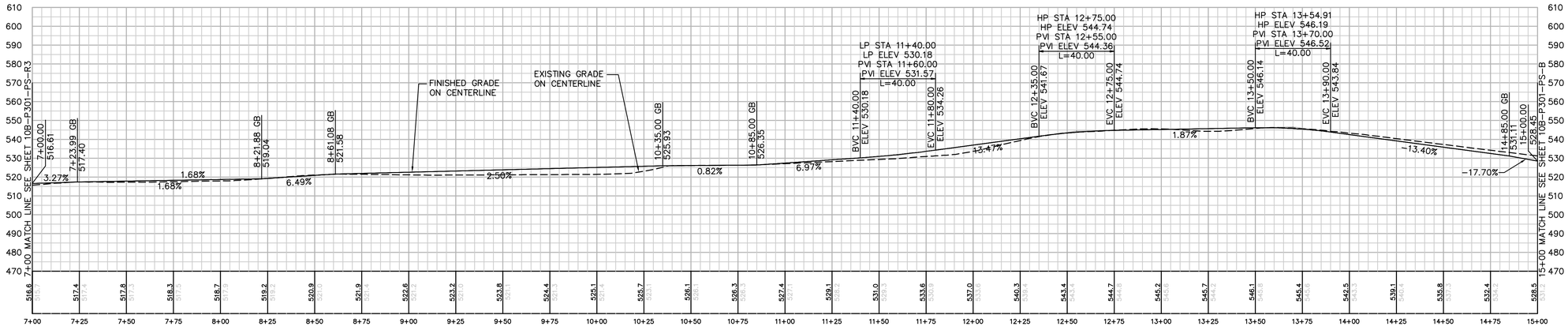
DISTURBED AREA:
ROAD: 36283 SF
TOTAL: 36283 SF

LENGTH OF ACCESS ROAD: 800 LF

ACCESS ROAD TO PULL SITE (NORTH) P-301

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ROAD TO PULL SITE (NORTH) P-301

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

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Exp. 3-31-11
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STATE OF CALIFORNIA

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SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
ACCESS ROAD TO PULL SITE (NORTH) P-301

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P301-PS-R4
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CAD NO.:	PLOT SCALE: 1 = 1				

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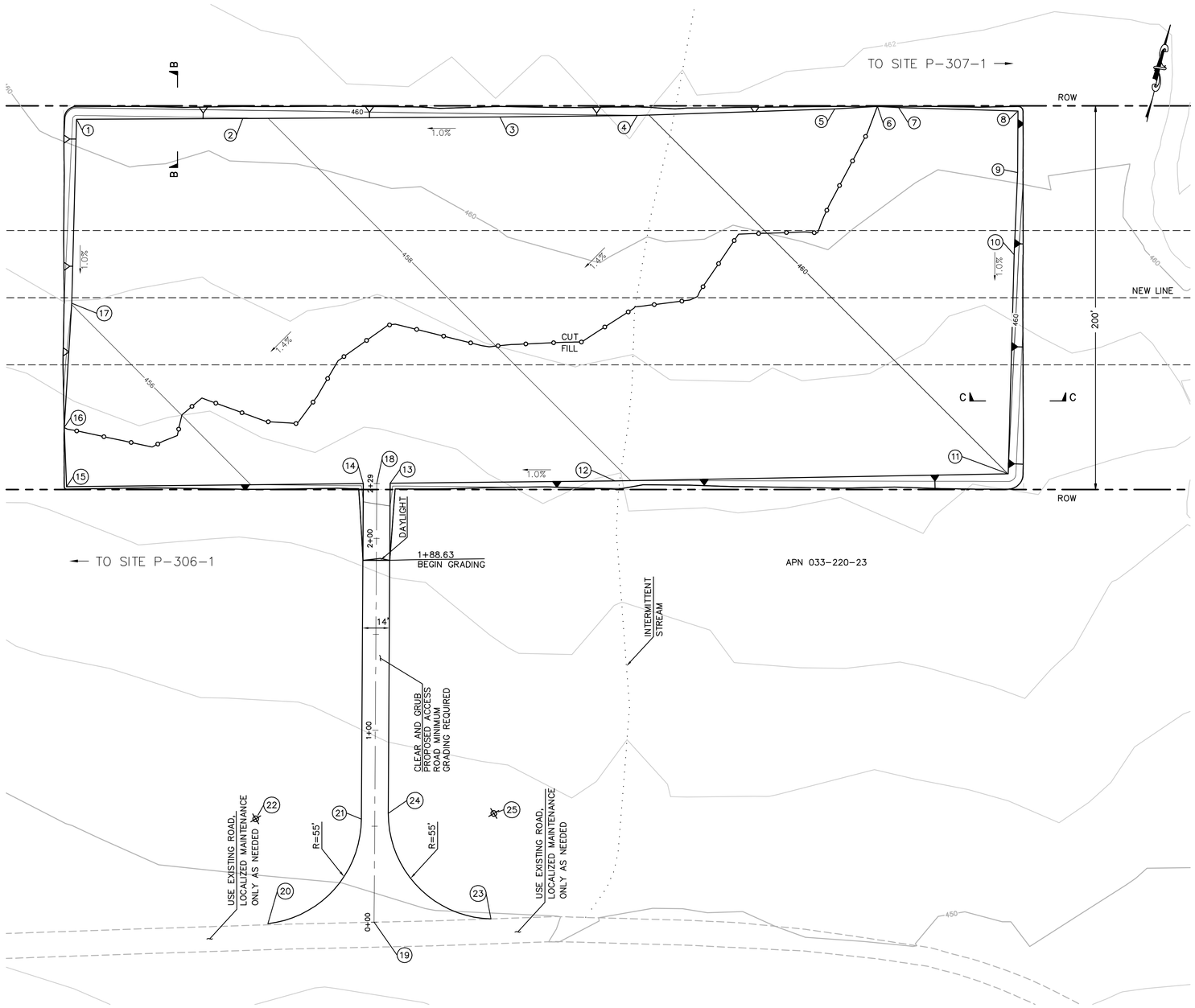
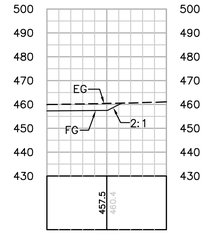
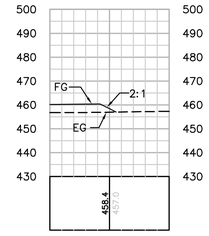


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1863461.87	6639917.33	457.00	FG
2	1863482.29	6640001.52	457.87	FG
3	1863514.03	6640131.71	459.22	FG
4	1863531.25	6640201.17	459.94	FG
5	1863558.35	6640300.37	461.00	FG
6	1863564.78	6640321.75	461.24	FG
7	1863566.71	6640332.62	461.34	FG
8	1863579.32	6640393.57	461.94	FG
9	1863548.02	6640400.73	461.62	FG
10	1863506.02	6640408.86	461.18	FG
11	1863394.17	6640432.22	460.00	FG
12	1863343.29	6640233.78	457.92	FG
13	1863315.04	6640120.16	456.73	FG
14	1863311.67	6640106.57	456.59	FG
15	1863274.36	6639956.50	455.03	FG
16	1863304.12	6639948.18	455.33	FG
17	1863367.95	6639937.06	456.01	FG
18	1863313.24	6640113.39	456.66	CL
19	1863090.47	6640164.82	(449.56)	CL
20	1863076.93	6640111.13	(449.10)	BC
21	1863141.23	6640145.92	(450.91)	EC
22	1863128.63	6640092.38		RP
23	1863106.17	6640223.62	(449.92)	BC
24	1863147.41	6640158.86	(451.08)	EC
25	1863160.01	6640212.40		RP



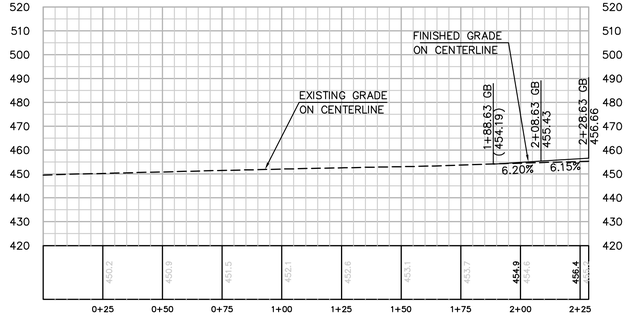
SECTION B-B

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



SECTION C-C

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



PROFILE: ACCESS ROAD TO PULL SITE P-306-1

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

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

EARTH QUANTITIES:
CUT: 2,418 CY
FILL: 2,256 CY
NET: 162 CY

DISTURBED AREA:
PULLSITE: 93,749 SF
ROAD: 4,506 SF
TOTAL: 98,255 SF

QUANTITIES:
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 229 LF

PULL SITE P306-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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REGISTERED PROFESSIONAL ENGINEER
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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

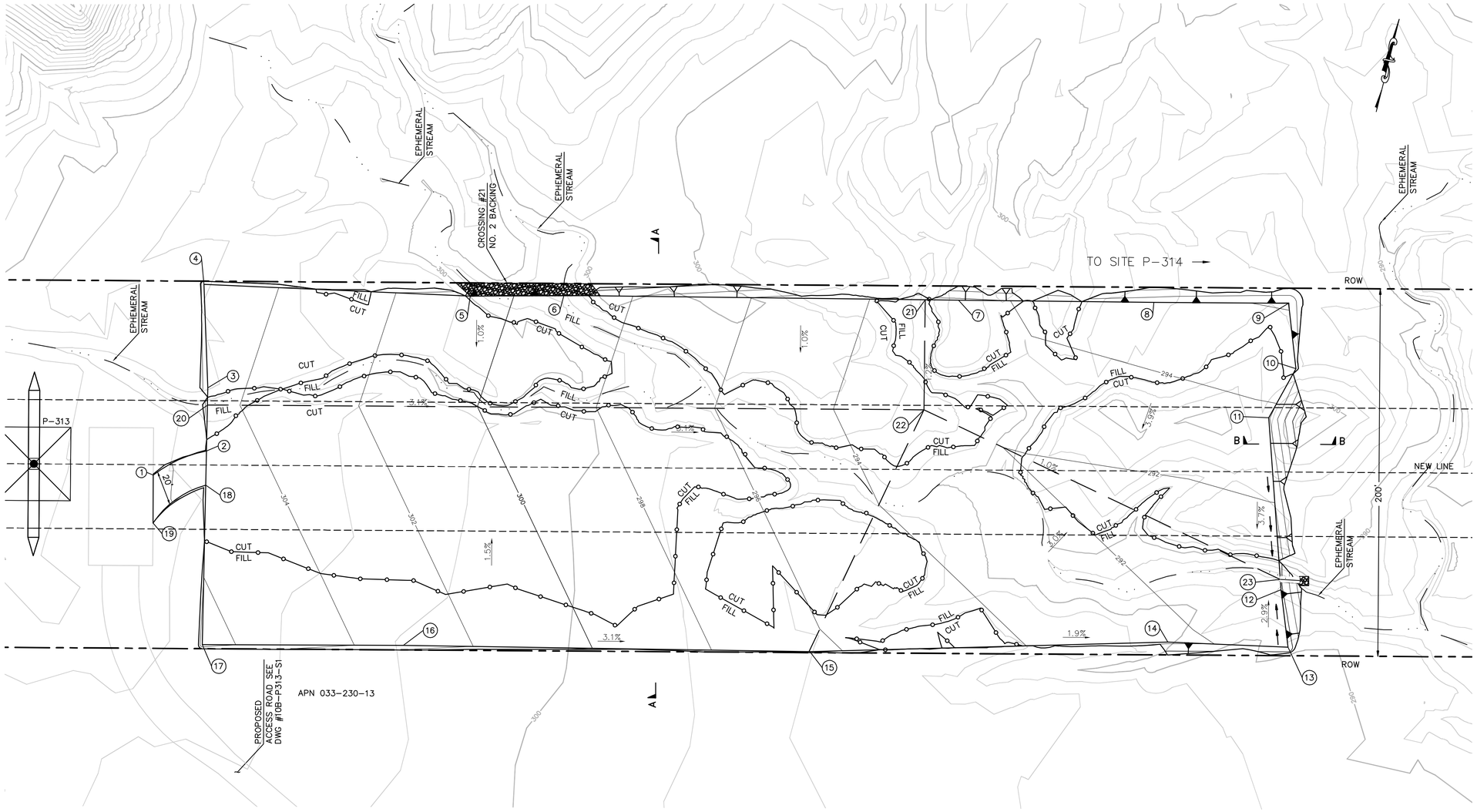
SPL-10B (LINK 1)
PULL SITE P-306-1

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		

REV. 0

10B-P306-1-PS

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1865623.33	6649451.46	306.63	FG
2	1865642.91	6649476.46	304.93	FG
3	1865676.49	6649469.03	304.64	FG
4	1865730.70	6649453.56	305.28	FG
5	1865758.87	6649595.91	300.73	FG
6	1865771.34	6649645.33	299.16	FG
7	1865819.70	6649854.55	293.48	FG
8	1865843.72	6649958.03	295.44	FG
9	1865860.72	6650029.40	296.14	FG
10	1865827.08	6650041.73	294.80	FG
11	1865797.57	6650033.63	293.67	FG
12	1865708.30	6650062.32	290.45	FG
13	1865678.80	6650073.46	291.25	FG
14	1865666.03	6650009.31	292.45	FG
15	1865614.77	6649821.33	296.35	FG
16	1865565.57	6649605.62	303.17	FG
17	1865539.94	6649499.24	306.57	FG
18	1865624.77	6649480.47	305.22	FG
19	1865597.87	6649457.50	306.49	FG
20	1865667.38	6649471.18	304.54	FG
21	1865815.61	6649836.91	293.34	FG
22	1865757.31	6649850.38	292.48	FG
23	1865713.57	6650060.61	290.33	FG/FL



EARTH QUANTITIES:
CUT: 4147 CY
FILL: 2835 CY
NET: 1312 CY

DISTURBED AREA:
PULLSITE: 110,792 SF
ROAD: 636 SF
TOTAL: 111,428 SF

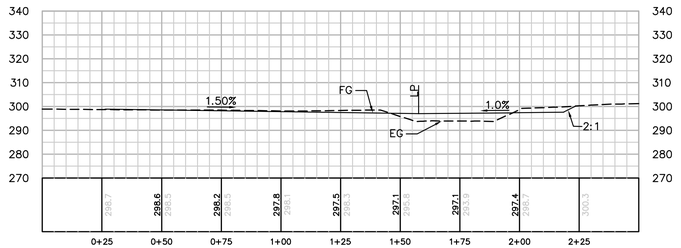
QUANTITIES
RIP RAP: 550 SF
DOWN DRAIN: 10 LF

LENGTH OF ROAD: 31 LF

PULL SITE P313 & P314 PLAN (TEMPORARY)

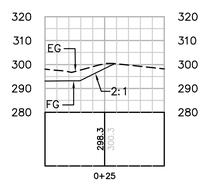
SCALE: 1" = 30'

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.

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STATE OF CALIFORNIA

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
PULL SITE P-313 & P-314

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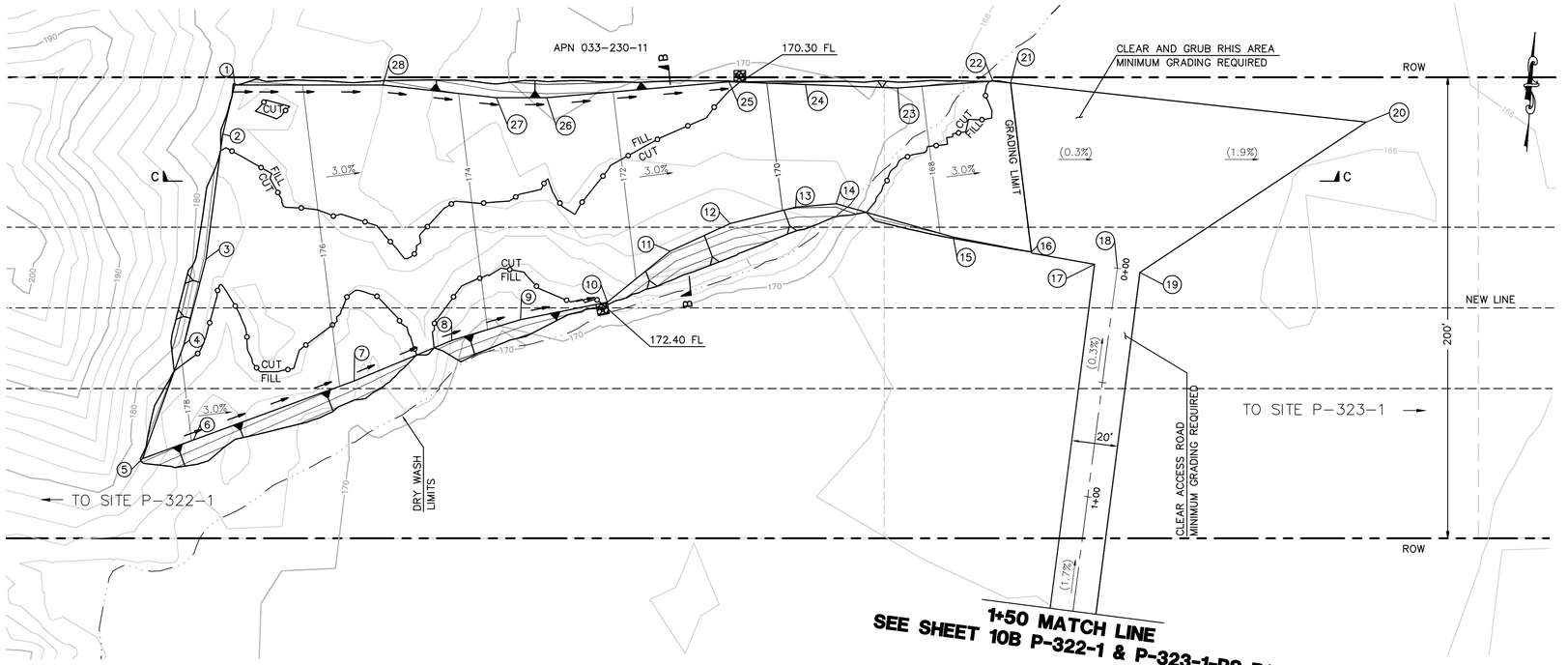
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1868008.52	6662635.96	176.88	FG
2	1867986.84	6662632.46	177.11	FG
3	1867932.18	6662629.40	177.53	FG
4	1867894.47	6662622.62	177.95	FG
5	1867843.82	6662608.66	178.66	FG
6	1867853.66	6662630.09	177.97	FG
7	1867884.59	6662697.52	175.81	FG
8	1867905.41	6662738.47	174.48	FG
9	1867916.69	6662767.47	173.56	FG
10	1867927.16	6662804.44	172.41	FG
11	1867951.32	6662829.90	171.52	FG
12	1867965.23	6662854.98	170.70	FG
13	1867974.54	6662882.75	169.82	FG
14	1867977.35	6662900.13	169.30	FG
15	1867966.82	6662951.94	167.84	FG
16	1867963.12	6662986.19	(166.82)	EG
17	1867959.89	6663013.95		EG
18	1867958.92	6663023.92		CL
19	1867957.94	6663033.88		EG
20	1868030.49	6663126.76		EG
21	1868035.49	6662971.54	(166.49)	EG
22	1868035.70	6662963.82	167.08	FG
23	1868029.45	6662922.95	168.31	FG
24	1868027.86	6662882.95	169.50	FG
25	1868026.55	6662849.71	170.49	FG
26	1868013.51	6662771.44	172.86	FG
27	1868011.82	6662749.60	173.52	FG
28	1868013.50	6662700.10	174.96	FG

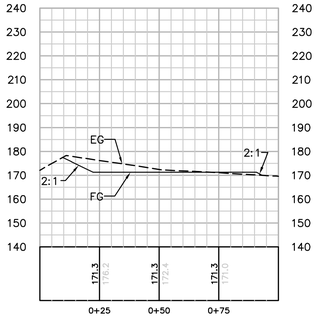
EARTH QUANTITIES:
CUT: 977 CY
FILL: 890 CY
NET: 87 CY

DISTURBED AREA:
PULLSITE: 44,135 SF
ROAD: 3,000 SF
TOTAL: 47,135 SF

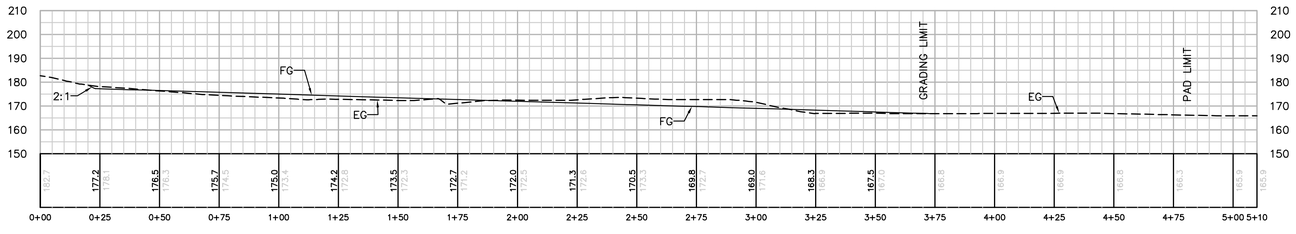
QUANTITIES:
RIP RAP: 75 SF
LENGTH OF ACCESS ROAD: 150 LF

PULL SITE P322-1 & P323-1 PLAN (TEMPORARY)
SCALE: 1" = 30'

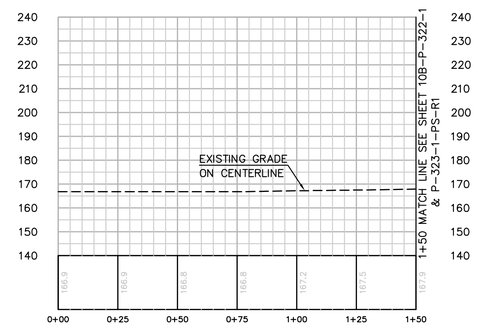
GRAPHIC SCALE
30 0 30 60
1"=30'



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



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



PROFILE: ACCESS ROAD TO PULL SITE P322-1 & P323-1
HORIZ. & VERT. SCALE: 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.3-31-17 — 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-10B (LINK 1)
PULL SITE P-322-1 & P-323-1

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	10B-P322-1&P-323-1-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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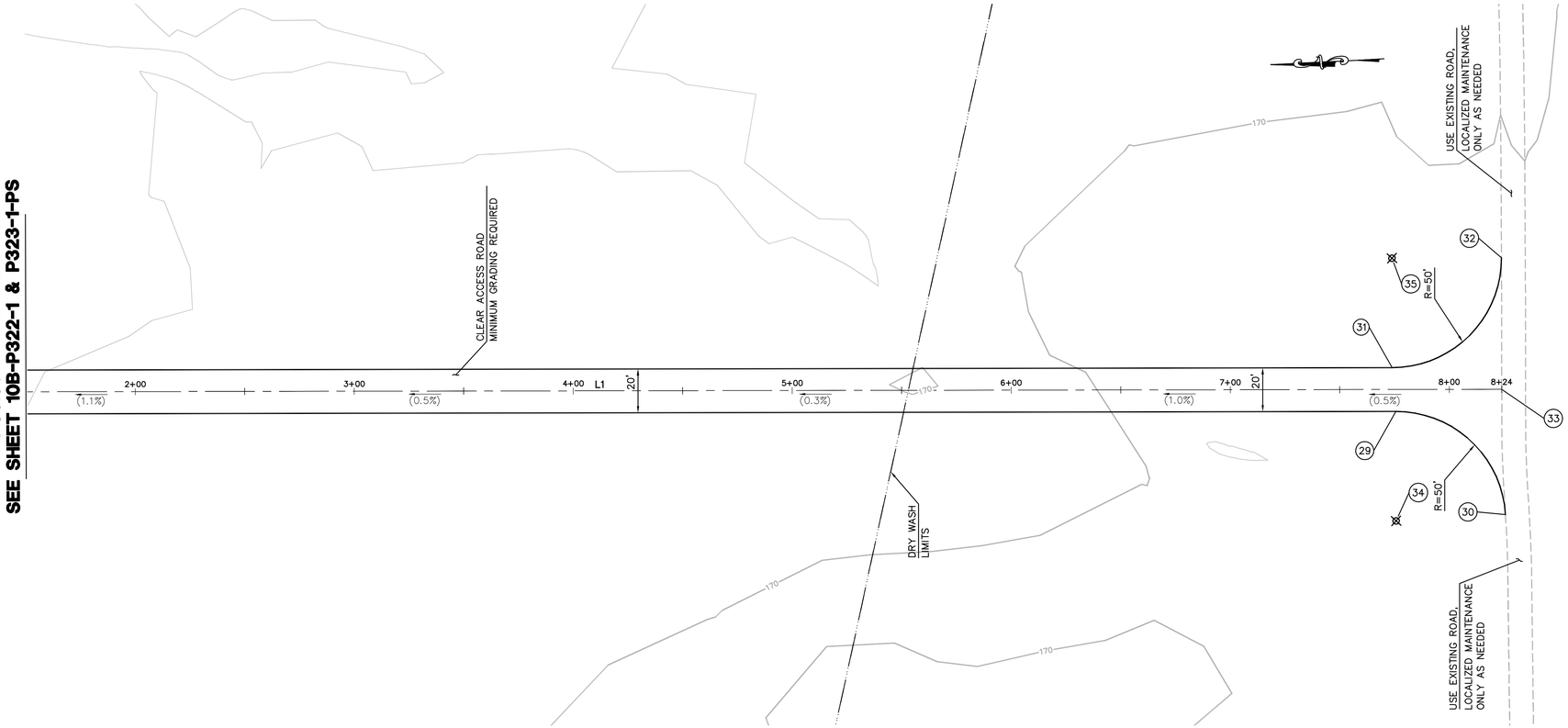


CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		823.99	S2°54'10"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
29	1867184.79	6662974.65		BC
30	1867137.32	6662925.06		EC
31	1867185.47	6662994.71		BC
32	1867133.00	6663042.27		EC
33	1867136.06	6662982.19		CL
34	1867187.32	6662924.71		RP
35	1867182.94	6663044.65		RP

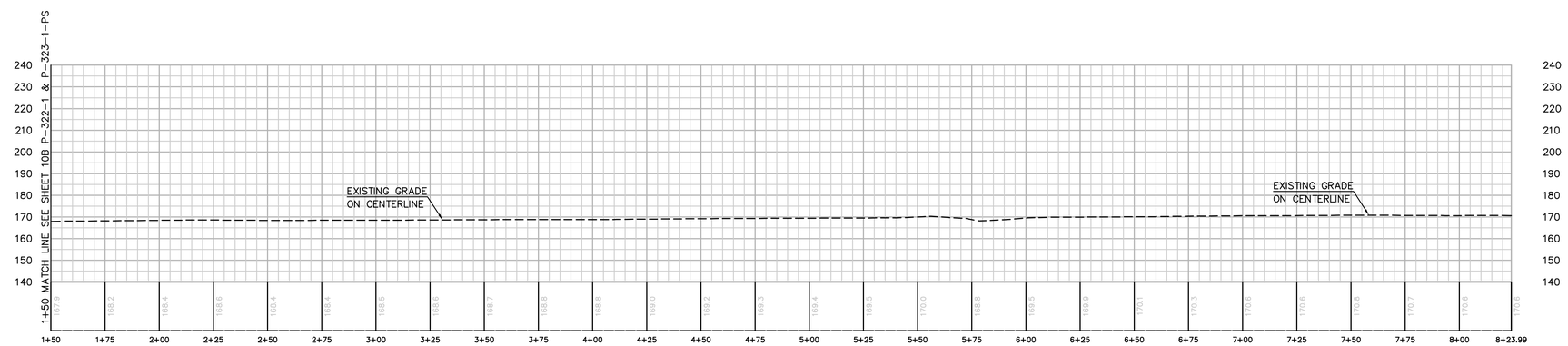
EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
ROAD: 14,500 SF
TOTAL: 14,500 SF

LENGTH OF ACCESS ROAD: 674 LF

ACCESS ROAD TO PULL SITE P322-1 & P323-1 PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



PROFILE: ACCESS ROAD TO PULL SITE P322-1 & P323-1
HORIZ. & VERT. SCALE: 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

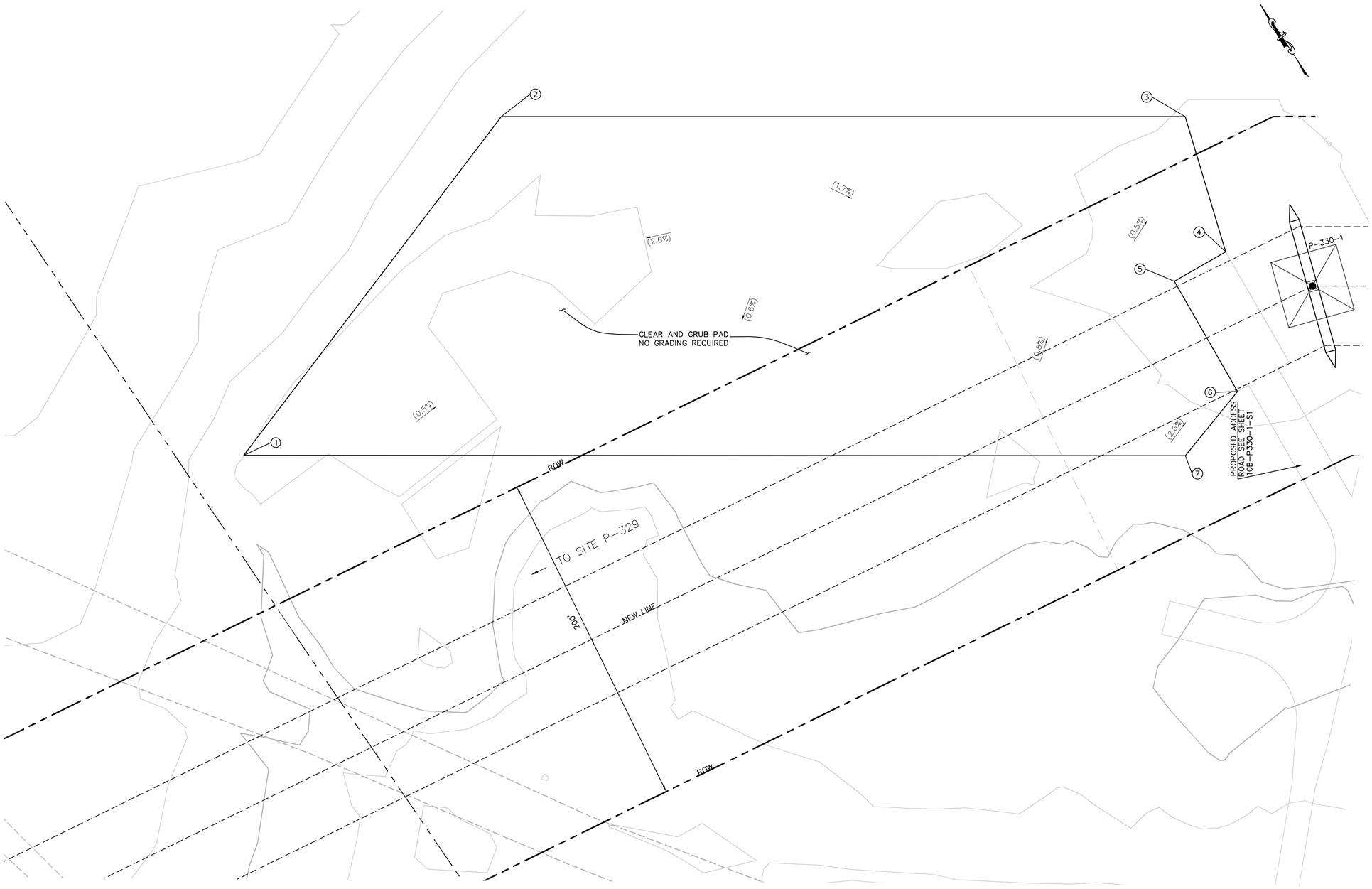
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
ACCESS ROAD TO PULL SITE P-322-1 & P-323-1

DRAWN BY: DD	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	10B-P-322-1&P-323-1-PS-R1
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

P:\16919 SDG&E SPL\CADD\10B\dwg\plan\PULLSITES\10B-P322 & P323-PS-R1.dwg[May-21-2010]209



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1867913.80	6674670.03	148.07	EG
2	1867995.99	6674907.34	149.18	EG
3	1867772.44	6675243.10	147.89	EG
4	1867692.78	6675218.85	147.40	EG
5	1867695.10	6675183.93	147.42	EG
6	1867620.26	6675178.96	147.79	EG
7	1867605.83	6675132.36	148.76	EG

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

DISTURBED AREA:
PULLSITE: 98370 SF
TOTAL: 98370 SF

PULL SITE (WEST) P-330-1 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

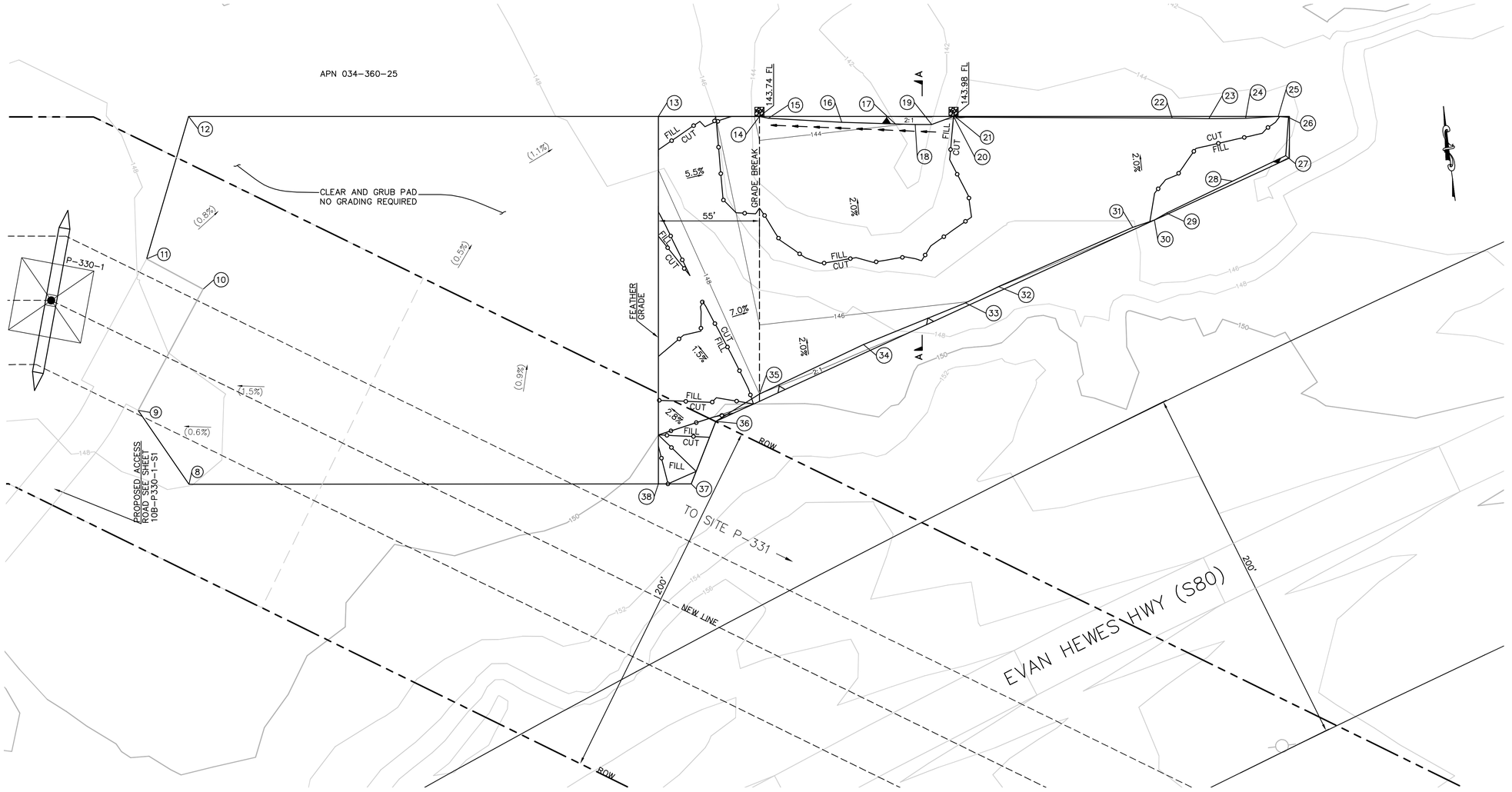
REVISIONS

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-10B (LINK 1)
PULL SITE (WEST) P-330 -1

DRAWN BY: OO	DATE:	SCALE: 1" = 60'	W.O.	REV. 0	10B-P330-1-PS-A
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
8	1867538.32	6675311.52	(147.99)	EG
9	1867581.86	6675289.34	(147.77)	EG
10	1867642.72	6675333.18	(148.83)	EG
11	1867663.17	6675304.78	(148.22)	EG
12	1867737.12	6675337.65	(148.39)	EG
13	1867703.41	6675591.55	(147.42)	EG
14	1867696.16	6675646.12	143.74	FG
15	1867694.54	6675650.90	143.77	FG
16	1867687.09	6675690.26	143.90	FG
17	1867682.42	6675719.03	143.99	FG
18	1867680.69	6675729.76	144.02	FG
19	1867679.45	6675738.66	144.04	FG
20	1867682.24	6675751.01	143.98	FG
21	1867681.69	6675752.14	143.99	FG
22	1867665.70	6675869.00	144.26	FG
23	1867662.81	6675888.79	144.31	FG
24	1867660.39	6675908.65	144.35	FG
25	1867658.94	6675926.46	144.37	FG
26	1867657.79	6675931.96	144.39	FG
27	1867637.21	6675927.66	144.80	FG
28	1867627.30	6675897.17	145.01	FG
29	1867614.80	6675859.16	145.28	FG
30	1867611.84	6675852.13	145.34	FG
31	1867609.45	6675839.88	145.39	FG
32	1867587.07	6675763.07	145.87	FG
33	1867580.66	6675744.11	146.01	FG
34	1867565.47	6675686.01	146.34	FG
35	1867546.15	6675626.21	148.05	FG
36	1867534.54	6675600.68	150.10	FG
37	1867502.48	6675582.90	150.82	FG
38	1867504.82	6675565.18	(150.41)	EG

EARTH QUANTITIES:
CUT: 1422 CY
FILL: 1119 CY
NET: 303 CY

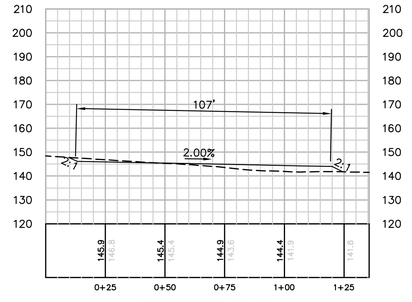
DISTURBED AREA:
PULLSITE: 89,103 SF
TOTAL: 89,103 SF

QUANTITIES:
RIP RAP: 50 SF

PULL SITE (EAST) P-330-1 PLAN (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'



SECTION A-A

HORIZ. & VERT. SCALE: 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. 3-31-17 — 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-10B (LINK 1)
PULL SITE (EAST) P-330 -1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	
CHECKED BY:	DATE:				10B-P330-1-PS-B
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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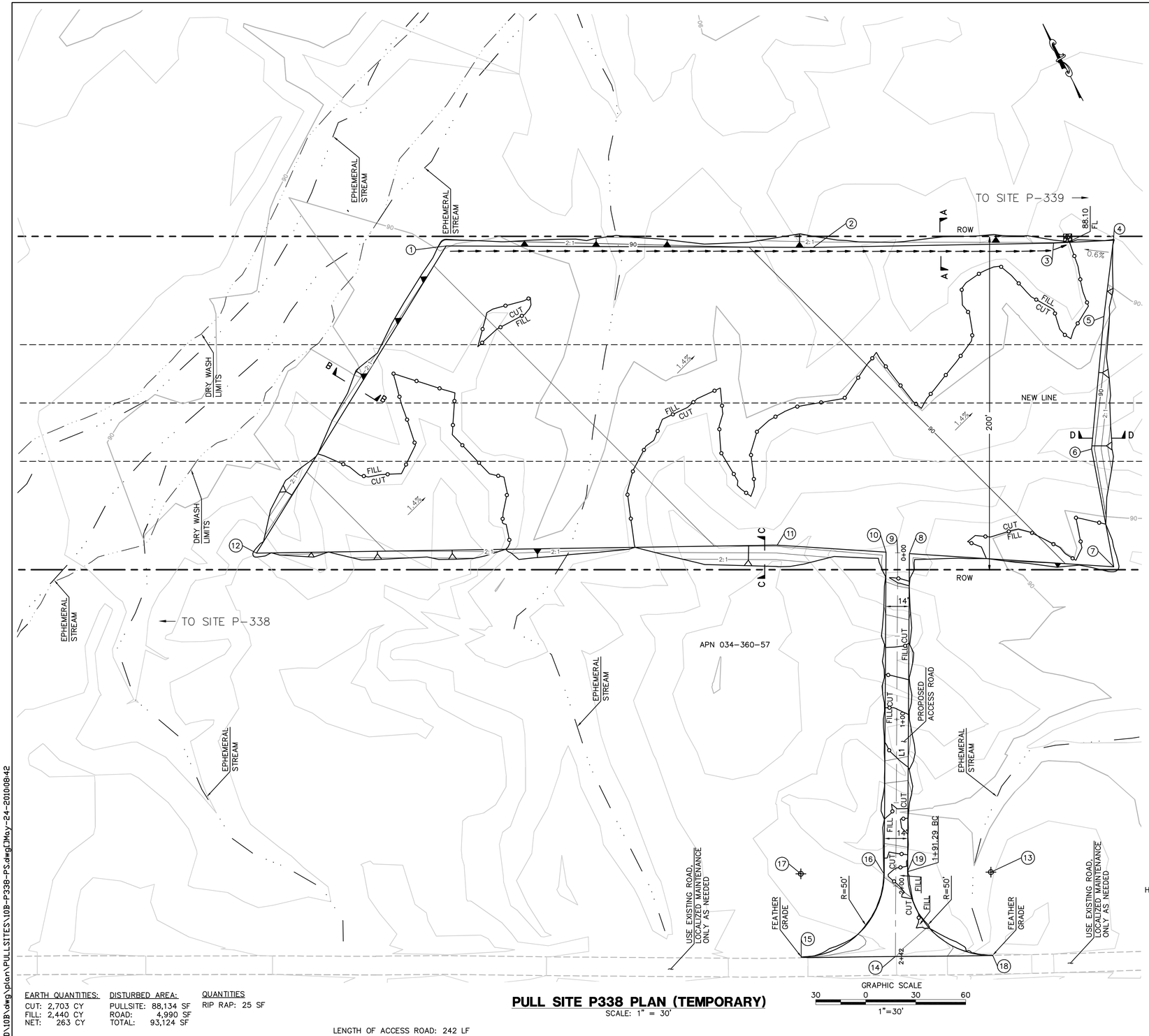


PULL SITE P338 PLAN (TEMPORARY)

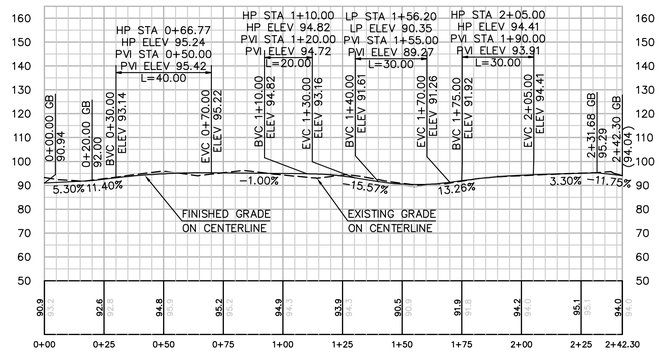
SCALE: 1" = 30'

LENGTH OF ACCESS ROAD: 242 LF

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1860779.71	6687476.45	91.81	FG
2	1860676.77	6687671.02	89.62	FG
3	1860612.07	6687799.93	88.15	FG
4	1860596.97	6687832.49	88.35	FG
5	1860559.12	6687806.24	88.35	FG
6	1860492.03	6687762.71	89.16	FG
7	1860423.22	6687741.67	89.73	FG
8	1860487.17	6687636.79	90.88	FG
9	1860490.82	6687630.81	90.94	CL
10	1860494.47	6687624.82	91.01	FG
11	1860528.54	6687568.93	91.62	FG
12	1860669.29	6687290.07	94.79	FG
13	1860295.15	6687591.33		RP
14	1860276.88	6687517.05	(94.04)	CL
15	1860302.79	6687466.90	(96.21)	BC
16	1860323.72	6687534.03	93.91	EC
17	1860347.20	6687489.89		RP
18	1860250.39	6687569.05	(91.64)	BC
19	1860318.63	6687547.18	93.50	EC

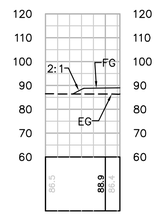
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		242.30	S28°00'00"W

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



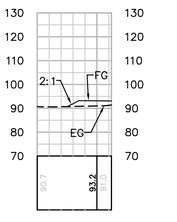
PROFILE: ACCESS ROAD TO PULLSITE P-338

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



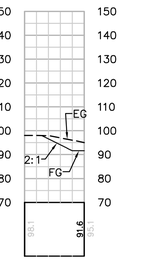
SECTION A-A

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



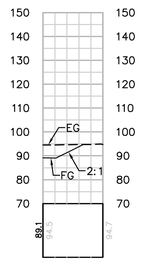
SECTION B-B

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



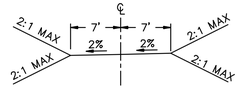
SECTION C-C

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



SECTION D-D

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 1+91.29

EARTH QUANTITIES:	DISTURBED AREA:	QUANTITIES
CUT: 2,703 CY	PULLSITE: 88,134 SF	RIP RAP: 25 SF
FILL: 2,440 CY	ROAD: 4,990 SF	
NET: 263 CY	TOTAL: 93,124 SF	

Bureau Veritas North America
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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–10B (LINK 1)
PULL SITE P–338

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		10B–P338–PS

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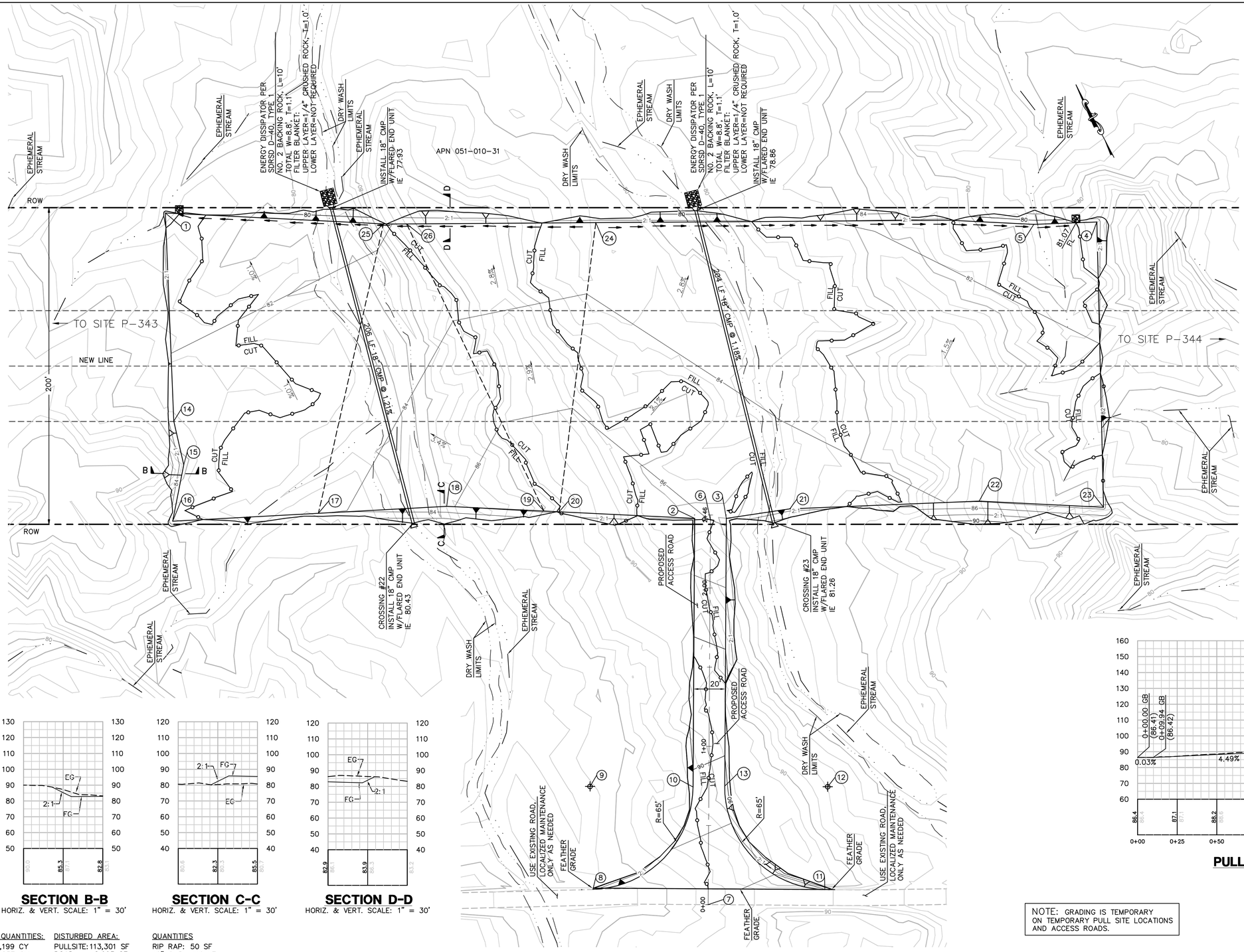
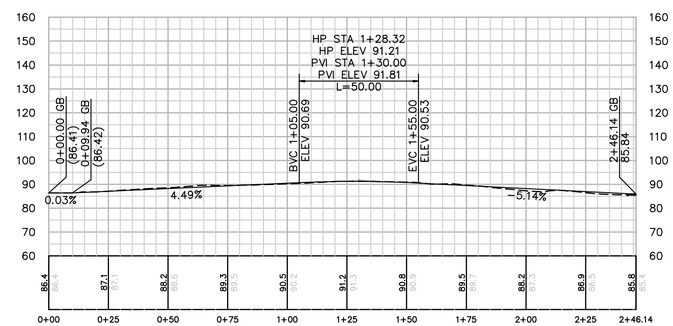
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1857041.43	6694612.36	81.19	FG
2	1856715.53	6694818.57	86.16	FG
3	1856706.24	6694836.29	85.75	FG
4	1856763.48	6695130.40	80.98	FG
5	1856780.61	6695094.47	81.27	FG
6	1856709.86	6694826.89	86.01	CL
7	1856495.46	6694712.89	(86.41)	CL
8	1856537.79	6694653.03	83.74	BC
9	1856596.21	6694681.51		RP
10	1856565.70	6694738.91	89.51	EC
11	1856469.71	6694782.49	84.95	BC
12	1856526.41	6694814.28		RP
13	1856556.93	6694756.89	89.14	EC
14	1856922.55	6694556.03	82.40	FG
15	1856895.16	6694548.77	82.68	FG
16	1856866.94	6694525.99	83.02	FG
17	1856828.61	6694609.85	83.93	FG
18	1856794.94	6694683.54	85.84	FG
19	1856763.79	6694736.52	86.35	FG
20	1856758.90	6694744.82	86.41	FG
21	1856692.97	6694874.60	84.71	FG
22	1856641.75	6694982.72	83.84	FG
23	1856601.93	6695050.37	83.37	FG
24	1856909.93	6694850.13	82.75	FG
25	1856971.45	6694731.06	81.90	FG
26	1856964.67	6694743.97	82.02	FG



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

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

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



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

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

PULL SITE P343 PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 4,199 CY
FILL: 4,237 CY
NET: 38 CY

DISTURBED AREA:
PULLSITE: 113,301 SF
ROAD: 8,665 SF
TOTAL: 121,966 SF

LENGTH OF ACCESS ROAD: 243 LF

QUANTITIES
RIP RAP: 50 SF
18" CMP: 410 LF
FLARED END SECTION: 4 EA
ENERGY DISSIPATOR: 176 SF

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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-10B (LINK 1)
PULL SITE P-343

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P343-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				

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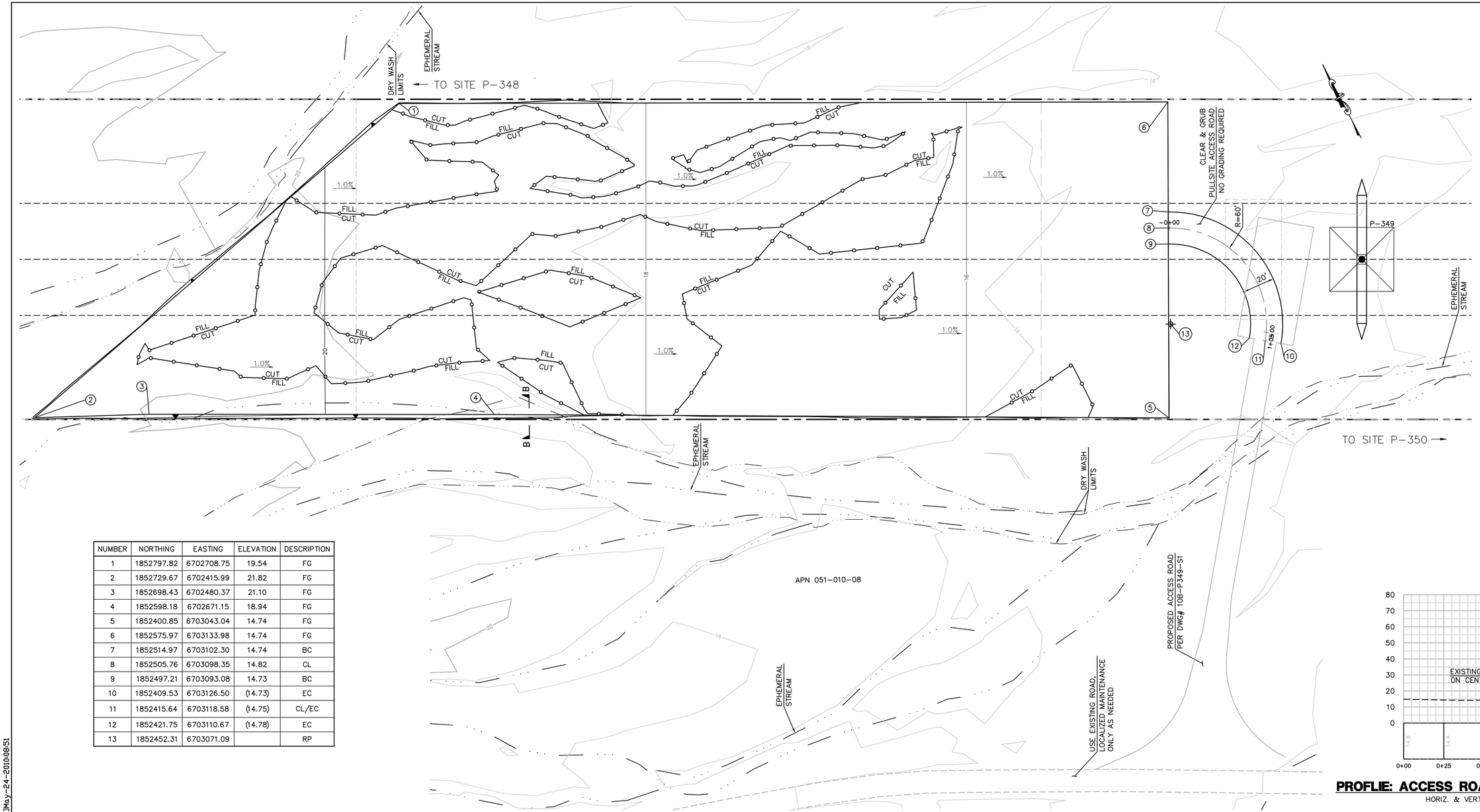
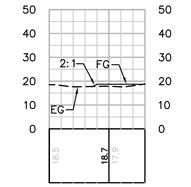
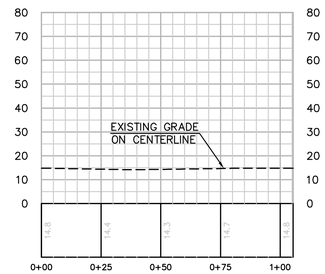


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1852797.82	6702708.75	19.54	FG
2	1852729.67	6702415.99	21.82	FG
3	1852698.43	6702480.37	21.10	FG
4	1852598.18	6702671.15	18.94	FG
5	1852400.85	6703043.04	14.74	FG
6	1852575.97	6703133.98	14.74	FG
7	1852514.97	6703102.30	14.74	BC
8	1852505.76	6703098.35	14.82	CL
9	1852497.21	6703093.08	14.73	BC
10	1852409.53	6703126.50	(14.73)	EC
11	1852415.64	6703118.58	(14.75)	CL/EC
12	1852421.75	6703110.67	(14.78)	EC
13	1852452.31	6703071.09		RP



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



PROFLIE: ACCESS ROAD TO PULL SITE P-349
HORIZ. & VERT. SCALE: 1" = 30'

PULL SITE P349 PLAN (TEMPORARY)
SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

EARTH QUANTITIES:
CUT: 638 CY
FILL: 508 CY
NET: 130 CY

DISTURBED AREA:
PULLSITE: 17,113 SF
ROAD: 2,108 SF
TOTAL: 119,221 SF

LENGTH OF ACCESS ROAD: 105 LF

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

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REVISIONS

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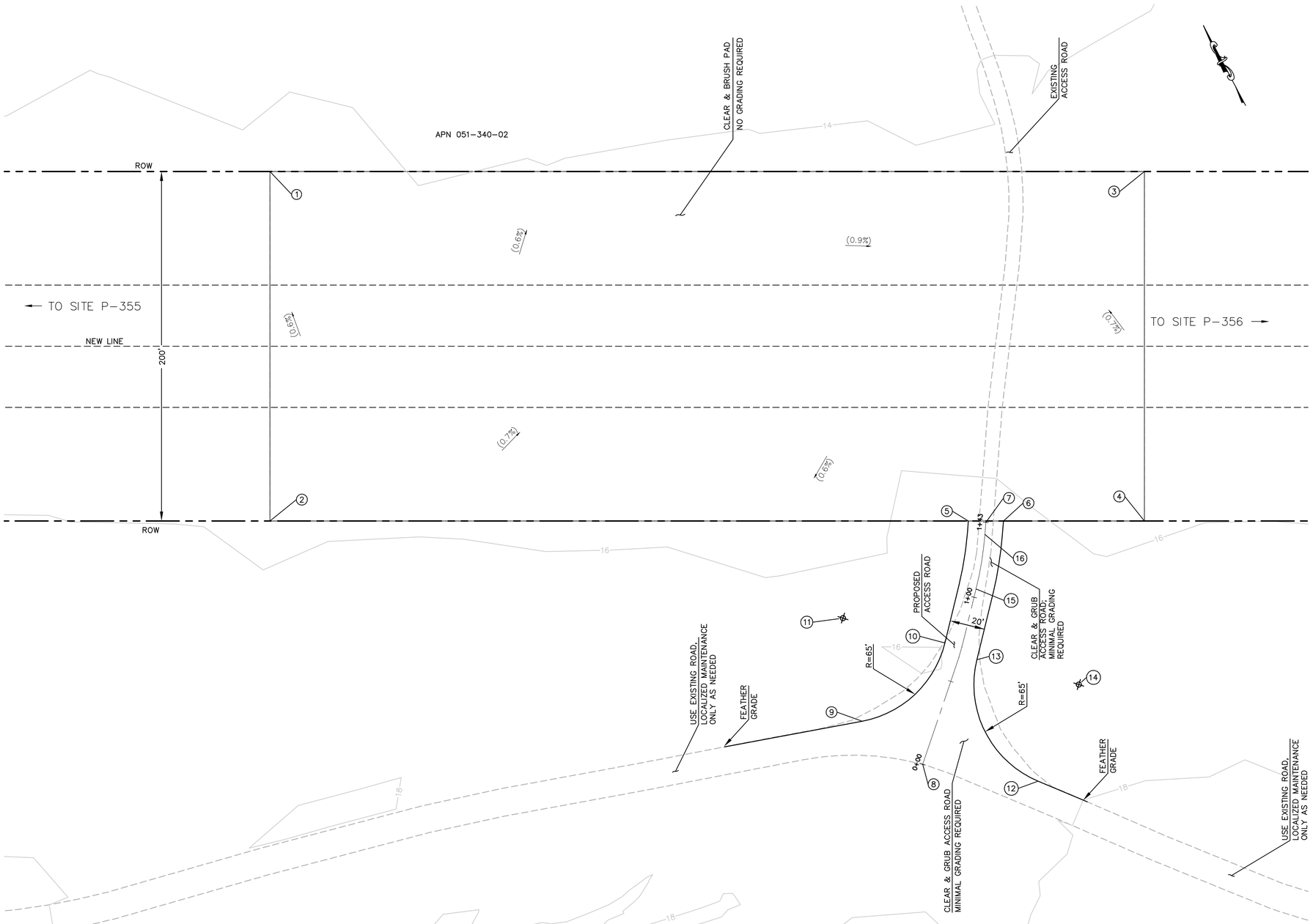
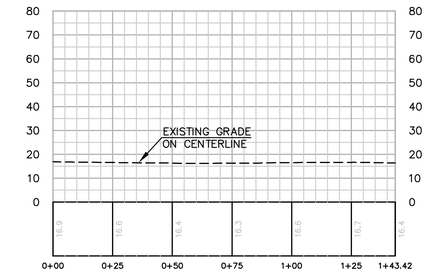
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
PULL SITE P-349

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0	10B-P349-PS
CHECKED BY:	DATE:				
APPROVED BY:	DATE:				
CAD NO.:	PLOT SCALE: 1 = 1				



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1847234.35	6713326.85		EG
2	1847057.21	6713233.98		EG
3	1847002.19	6713769.68		EG
4	1846825.06	6713676.82		EG
5	1846871.77	6713587.72		EG
6	1846862.45	6713605.49		EG
7	1846866.43	6713596.18		CL
8	1846760.67	6713499.99		CL
9	1846798.51	6713480.74		BC
10	1846816.22	6713543.45		EC
11	1846855.85	6713498.40		RP
12	1846721.36	6713553.91		BC
13	1846799.21	6713555.12		EC
14	1846759.58	6713600.17		RP
15	1846835.32	6713573.57		BC
16	1846860.63	6713592.51		EC



PROFILE: ACCESS ROAD TO PULL SITE P-356

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

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

EARTH QUANTITIES:

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

DISTURBED AREA:

PULL SITE: 100,000 SF
ROAD: 3,947 SF
TOTAL: 103,947 SF

LENGTH OF ACCESS ROAD: 143 LF

PULL SITE P-355 & P-356 (TEMPORARY)

SCALE: 1" = 30'

GRAPHIC SCALE
30 0 30 60
1"=30'

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REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10B (LINK 1)
PULL SITE P355 & P356

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. / REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		10B P-355 & P-356-PS
CAD NO.:	PLOT SCALE: 1 = 1		