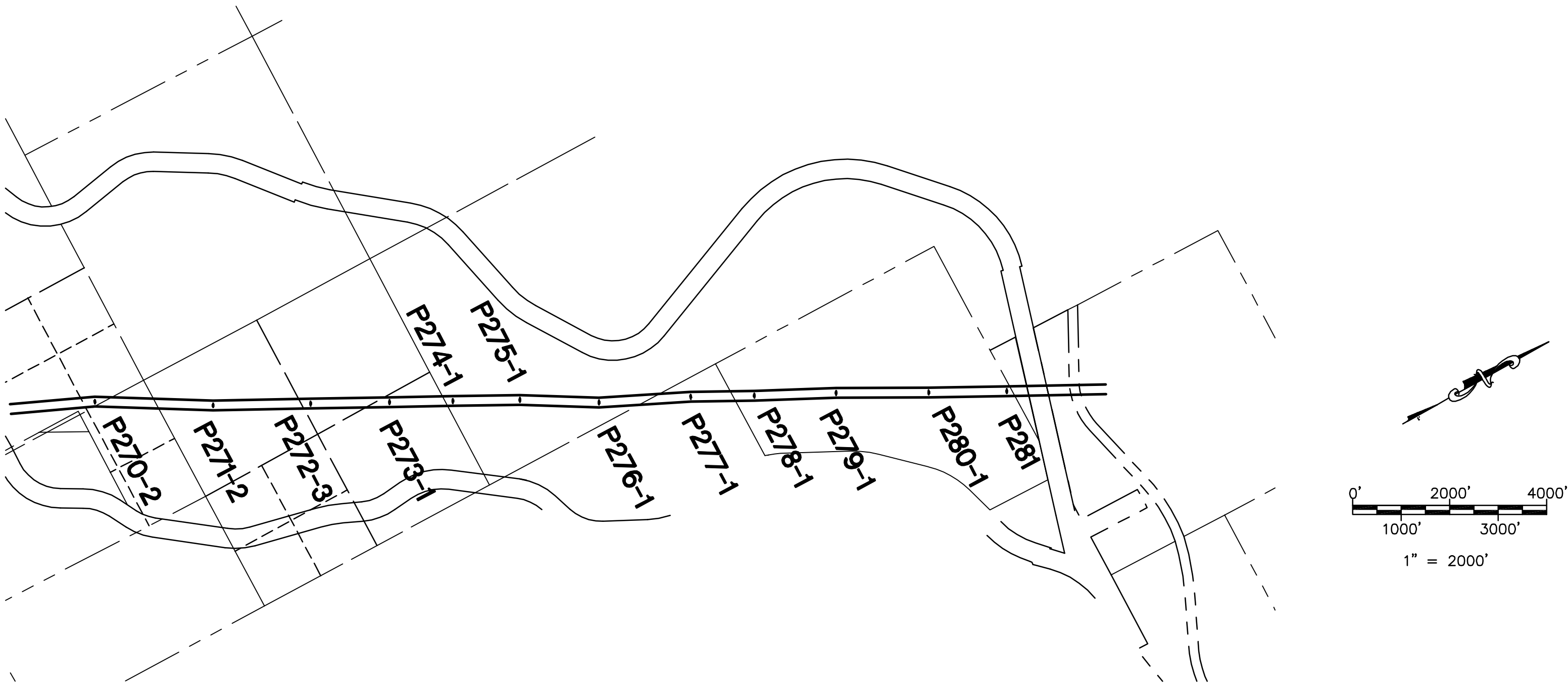


SUNRISE POWERLINK PROJECT
SECTION 10A (LINK 1)
500kV LINE



OFF-SITE WORK TO BE DONE

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

SITE / ACCESS ROAD

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS
KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

SHEET NUMBER

10A-P270-2-P278-1-KEY01
10A-P279-1-P281-KEY02

SITE / ACCESS ROAD

SITE P-270-2
SITE P-271-2
SITE P-272-3
SITE P-273-1
SITE P-274-1
SITE P-275-1
SITE P-276-1
SITE P-277-1
SITE P-278-1
SITE P-279-1
SITE P-280-1
SITE P-281

SHEET NUMBER

10A-P270-2 & P271-2-TSAP
10A-P270-2 & P271-2-TSAP
10A-P272-3 & P273-1-TSAP
10A-P272-3 & P273-1-TSAP
10A-P274-1-TSAP
10A-P275-1-TSAP
10A-P276-1 & P277-1-TSAP
10A-P276-1 & P277-1-TSAP
10A-P278-1-TSAP
10A-P279-1-TSAP
10A-P280-1 & P281-TSAP
10A-P280-1 & P281-TSAP

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

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-10A (LINK 1)
TITLE SHEET

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

SPL-10A-001



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P:\16919 SDG&E SPL\CADD\10A\dwg\plan\10A-CVR01.dwg[May-24-2010]13:11

\\P161919 SDG&E SPL\CADD\10A\dwg\plan\10A-CVR0202NT.dwg[Mo]-24-20101311

GENERAL NOTES

- THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTION TO THE CONTRACTOR BY THE ENGINEER OF WORK:
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE PORTIONS OF THE FOLLOWING PROJECT SPECIFICATIONS.
 - 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.
 - 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.
 - 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.
 - 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.
 - CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
 - 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.
 - 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.
 - GRADING SHALL BE DONE WITHIN A TOLERANCE OF $\pm 0.1'$ OF THE GRADES AND ELEVATIONS SHOWN ON THESE PLANS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN $\pm 0.5'$ 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.
 - ANY QUANTITIES INDICATED ON THESE PLANS ARE ENGINEERS' ESTIMATES ONLY AND ARE NOT TO BE USED BY CONTRACTOR FOR BIDDING PURPOSES.
 - CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD AND BRING DISCREPANCIES TO THE ATTENTION OF THE SDG&E REPRESENTATIVE PRIOR TO STARTING CONSTRUCTION.
 - STANDARD DRAWINGS SHALL CONFORM TO SAN DIEGO REGIONAL STANDARD DRAWINGS (SDRSD), APRIL 2006.
 - 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

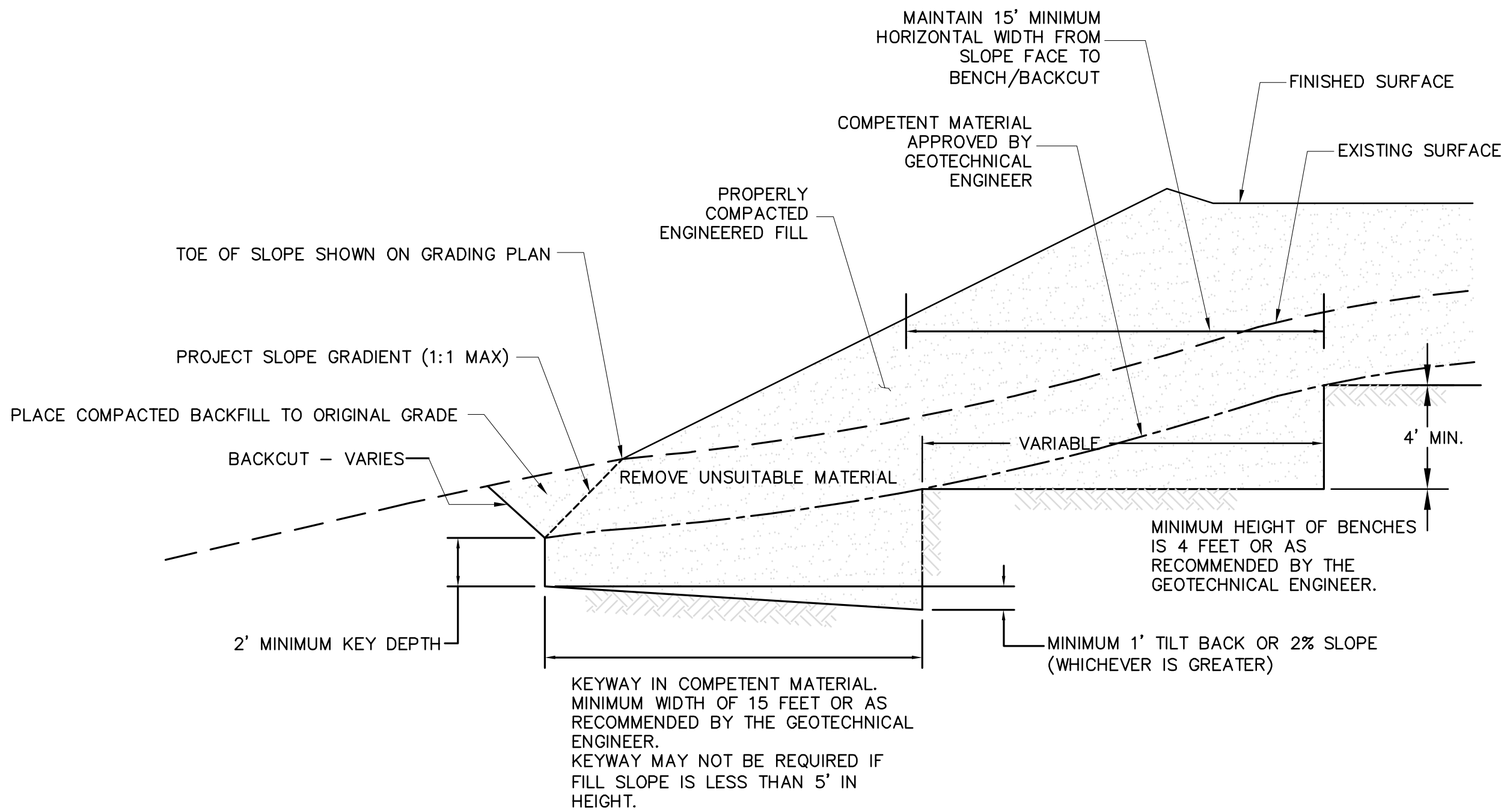
- ALL POLE & TOWER MAINTENANCE PADS TO BE DIKED AND THE DIKES MAINTAINED TO PREVENT WATER FROM FLOWING FROM THE PADS WITHOUT CAUSING EROSION, OR CONSTRUCT DRAINAGE FACILITIES TO THE SATISFACTION OF THE COUNTY DEPARTMENT OF PUBLIC WORKS THAT WILL ALLOW WATER TO DRAIN FROM THE PAD WITHOUT CAUSING EROSION.
- TOPS OF ALL SLOPES TO BE DIKED OR TRENCHED TO PREVENT WATER FROM FLOWING OVER THE CREST OF SLOPES.
- ALL GRADED CUT OR FILL SLOPES SHALL BE HYDROSEEDDED TO PROTECT THE SLOPE FROM EROSION AND INSTABILITY IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- 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.

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

	SECTION
	INDICATES NEW TOWER
	INDICATES EXISTING STEEL POLE
	VERTICAL PROFILE F.G. ELEV. ABOVE VERTICAL PROFILE E.G. ELEV. BELOW
	NEW TRANSMISSION LINE
	(F.G.) FINISH GRADE CONTOURS
	(E.G.) EXISTING GRADE CONTOURS
	EXISTING GROUND ELEVATION
	FILL SLOPE 1.5:1 UNLESS SHOWN OTHERWISE
	CUT SLOPE 1.5:1 UNLESS SHOWN OTHERWISE
	RIDGE LINE
	DAYLIGHT LINE
	DIRECTION OF FLOW
	CUT/FILL LINE
	DETAIL LABEL



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

NT

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-10A (LINK 1)
LEGEND & GENERAL NOTES

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

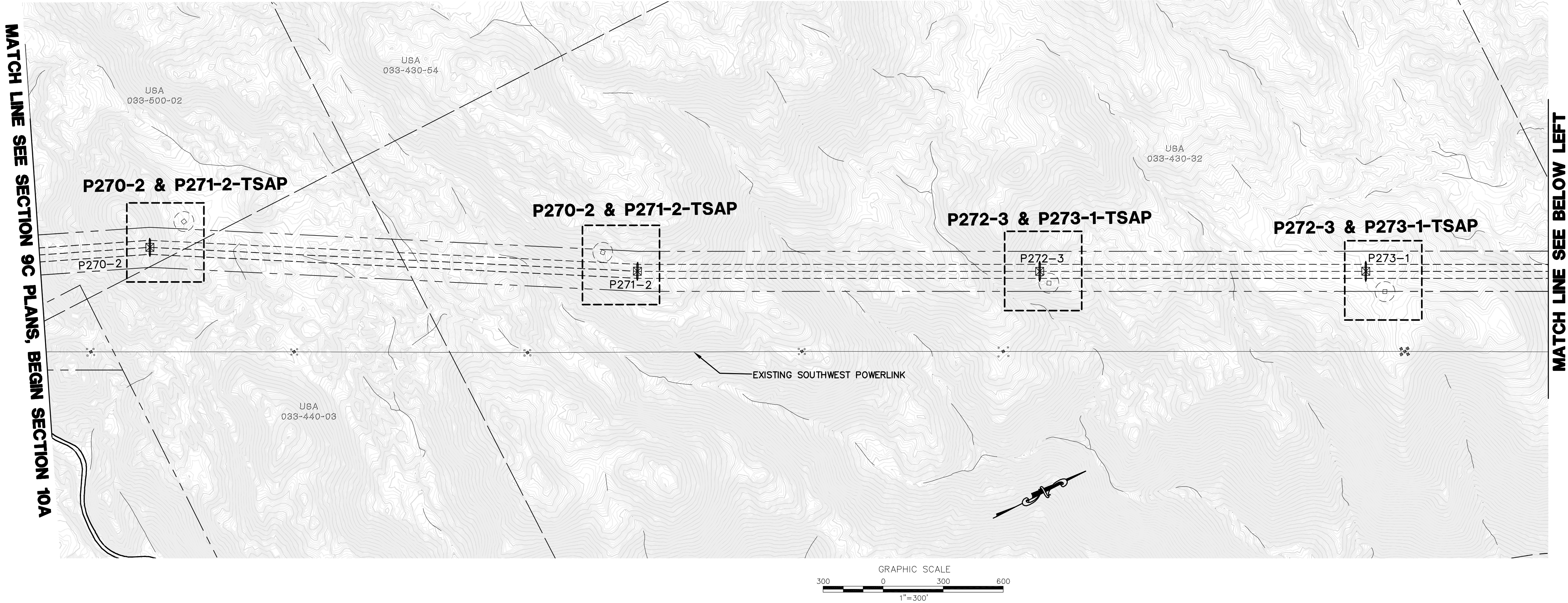
SPL-10A-002



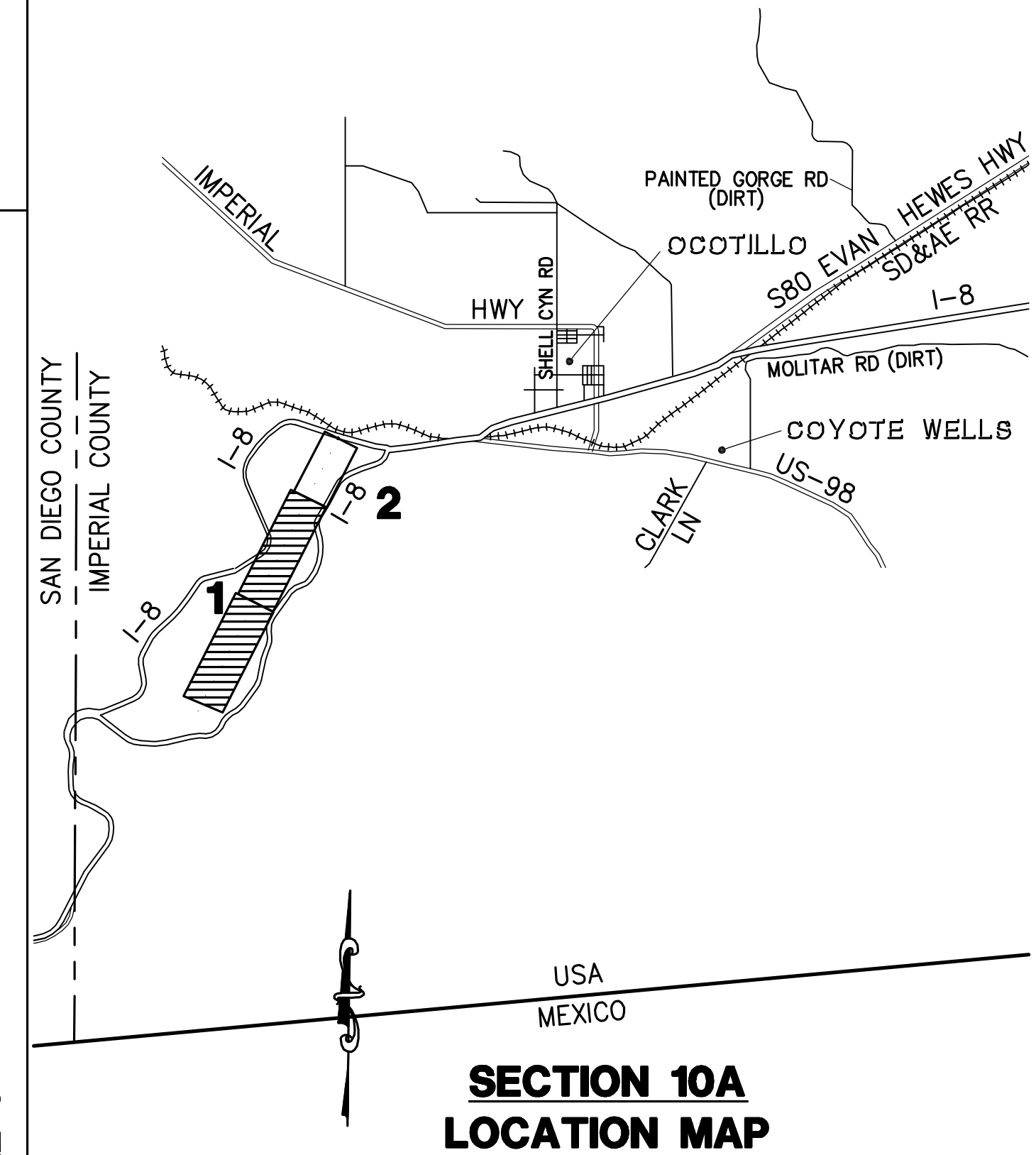
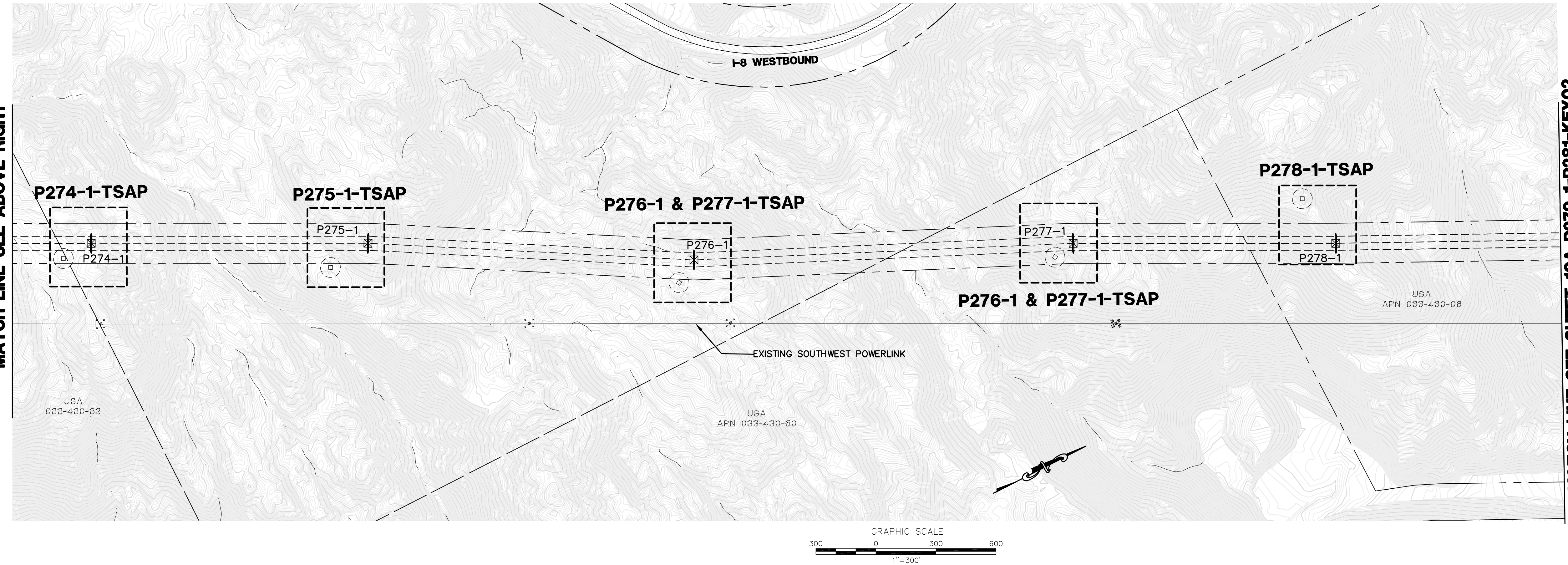
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PL16919 SD&E SPL\CADD\10A\dwg\plan\10A-KEY-P270-2-P281.dwg\May-24-2010\1312



- LEGEND**
- 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
 - PROPOSED LATTICE TOWER AND TOWER #
 - PROPOSED TOWER STAGING ACCESS PAD
 - EXISTING 10' CONTOURS
 - EXISTING 2' CONTOURS



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-10A (LINK 1)

KEY MAP + MINOR ACCESS ROAD IMPROVEMENTS

DRAWN BY: LJ DATE: SCALE: 1"=300' W.O. REV. 0

CHECKED BY: DATE:

APPROVED BY: DATE:

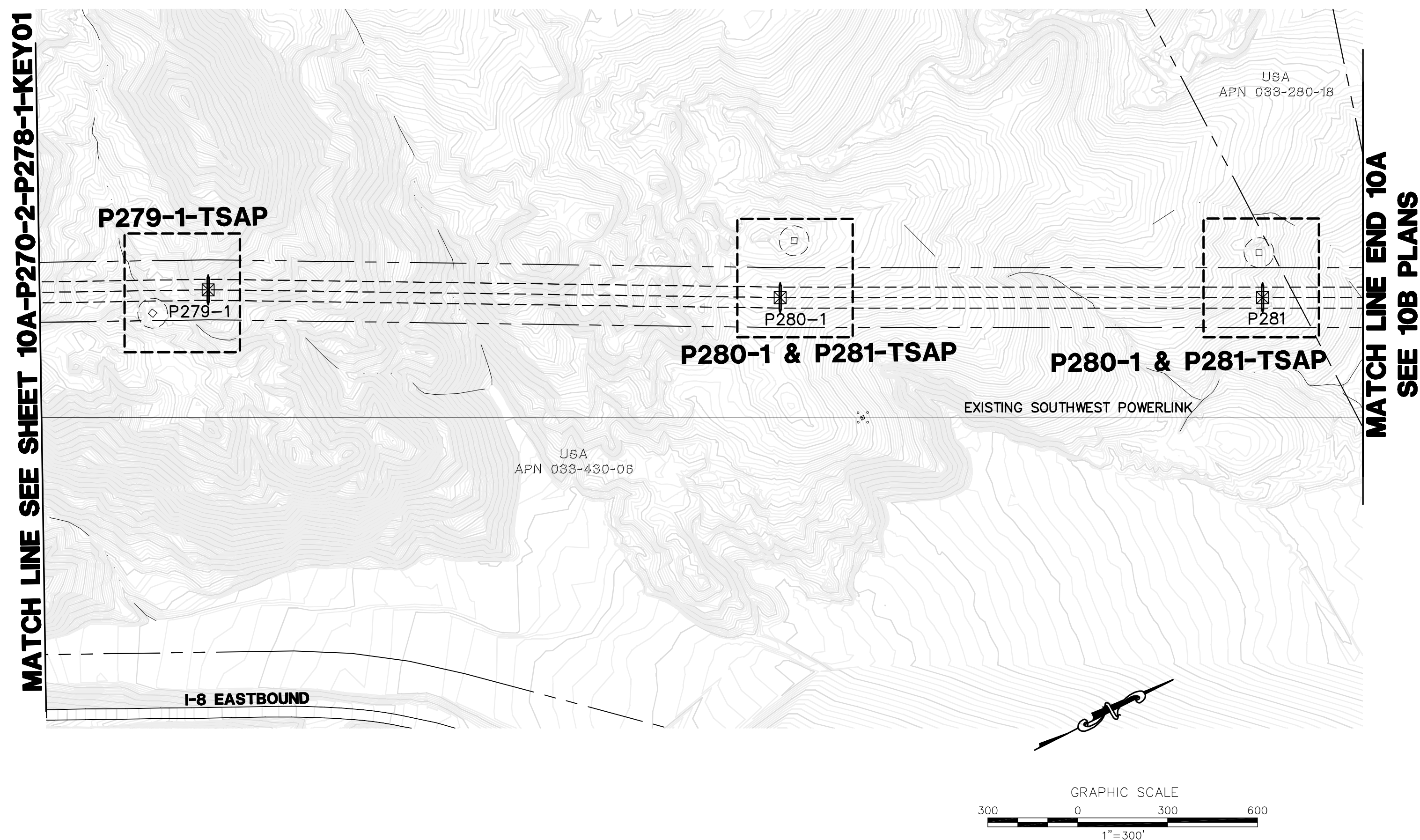
CAD NO.: PLOT SCALE: 1"=1'

10A-P270-2-P278-1-KEY01



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1827097.86	6614251.39	(2203.40)	P-270-2
2	1827296.22	6614205.93	2151.91	FG
3	1827300.17	6614225.54	2151.63	FG
4	1827319.78	6614221.60	2151.35	FG
5	1827315.83	6614201.99	2151.63	FG
6	1827308.00	6614213.77		RP



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1829214.45	6615462.45	(2219.90)	P-271-2
2	1829102.29	6615313.68	2229.96	FG
3	1829117.12	6615300.25	2230.24	FG
4	1829103.69	6615285.43	2229.96	FG
5	1829088.87	6615298.85	2229.67	FG
6	1829102.99	6615299.55		RP

[illegible]

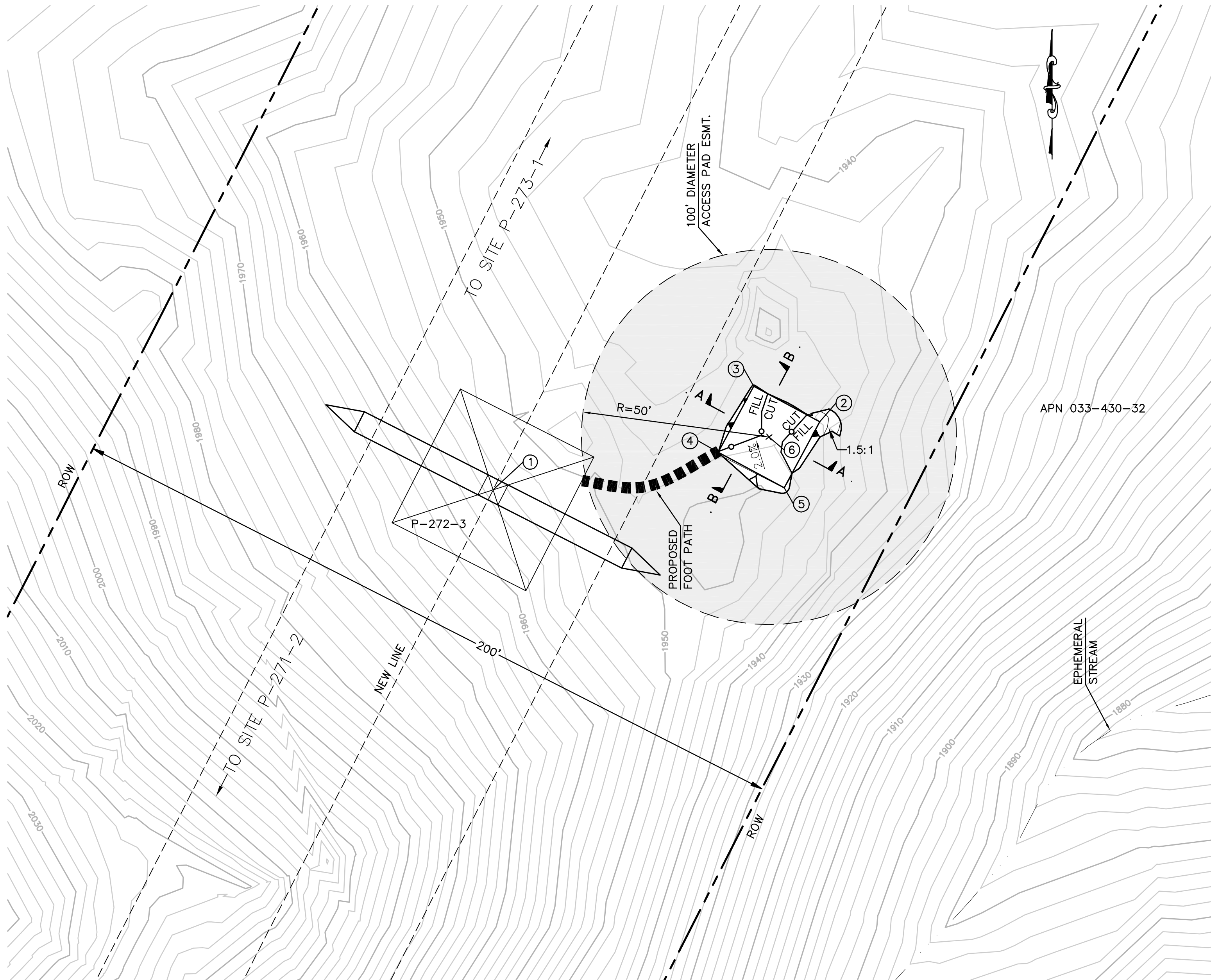
DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0
CHECKED BY:	DATE:		10A-P270-2 & P271-2-TSAP	
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			



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P:\161919 SD&E SPL\CADD\10A\dwg\plan\Heli pads\10A-P272-3 & P273-1 TSAP.dwg[Mo]-24-20101309



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

DISTURBED AREA:
PAD: 521 SF
TOTAL: 521 SF

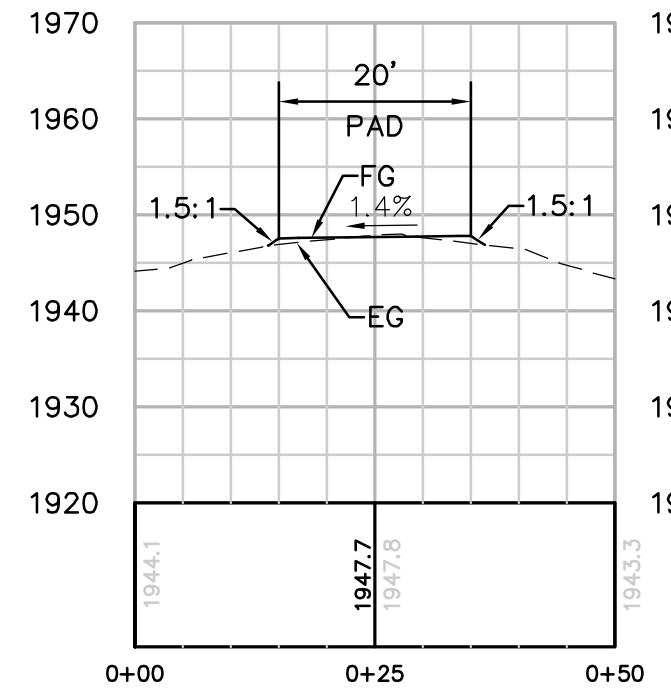
TOWER STAGING/ACCESS PAD FOR TOWER P-272-3
(THIS IS NOT A HELIPORT)

SCALE: 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.

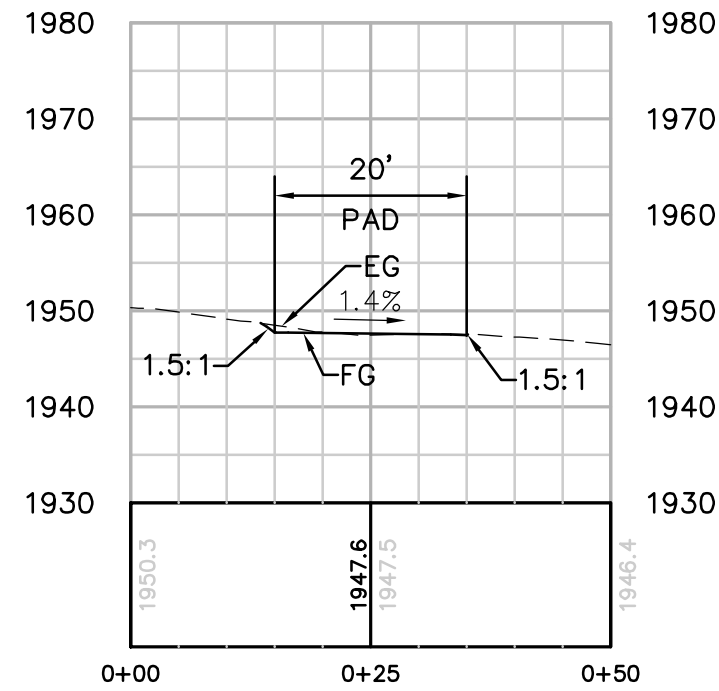
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-272-3	500 KV EXMT Lattice Tangent Tower	0.00	178.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1831005.39	6616373.93	(1955.33)	P-272-3
2	1831023.56	6616461.00	1947.67	FG
3	1831033.03	6616443.39	1947.39	FG
4	1831015.42	6616433.91	1947.67	FG
5	1831005.94	6616451.53	1947.95	FG
6	1831019.49	6616447.46		RP



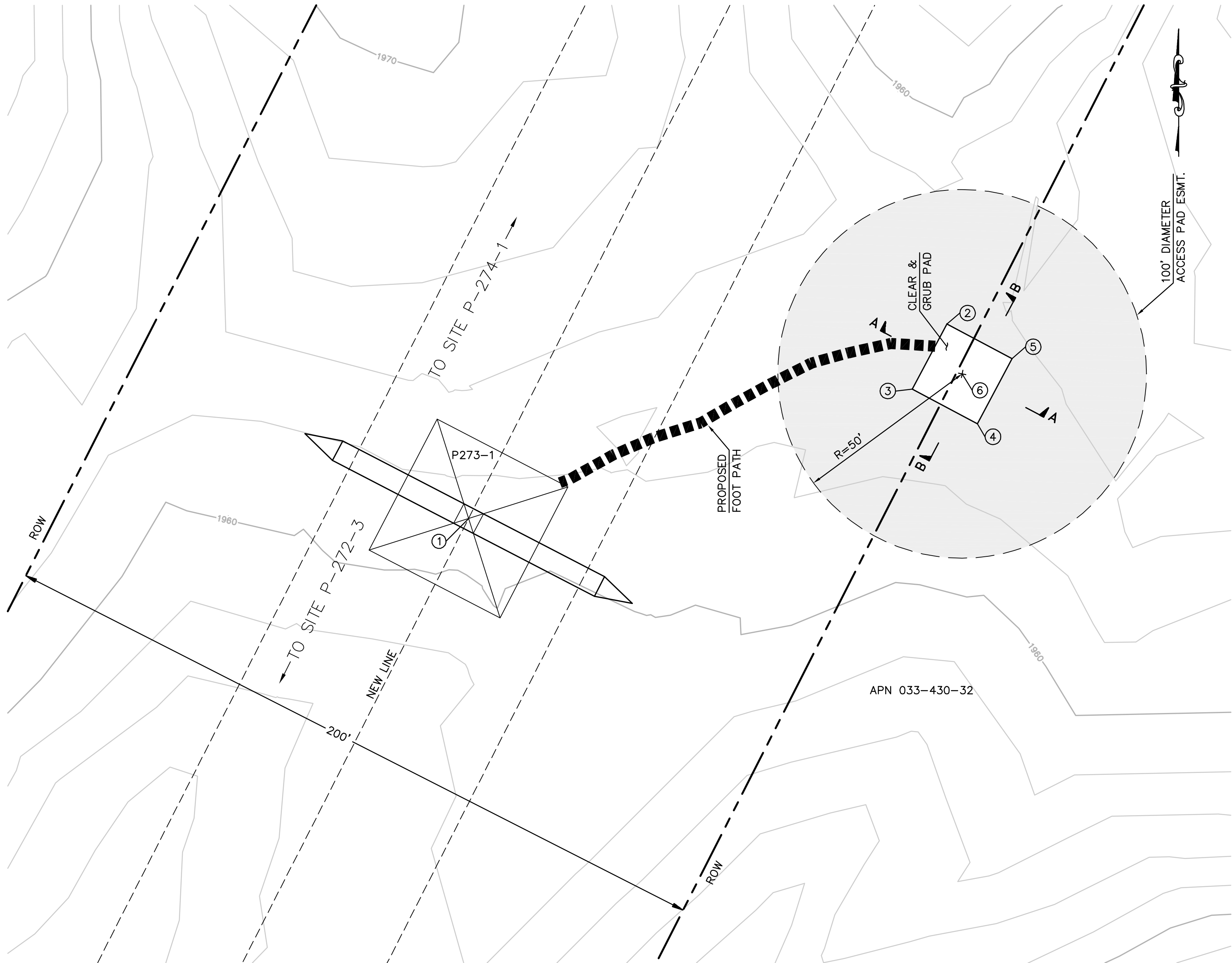
SECTION A-A

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



SECTION B-B

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



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

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

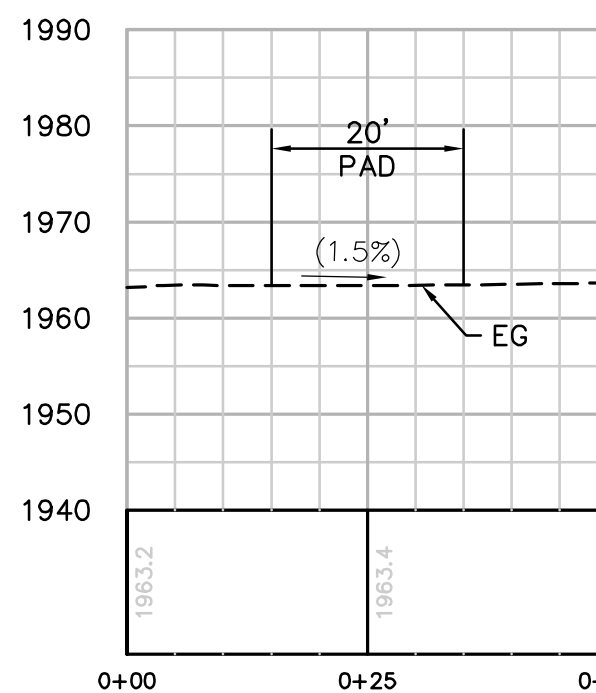
TOWER STAGING/ACCESS PAD FOR TOWER P-273-1
(THIS IS NOT A HELIPORT)

SCALE: 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.

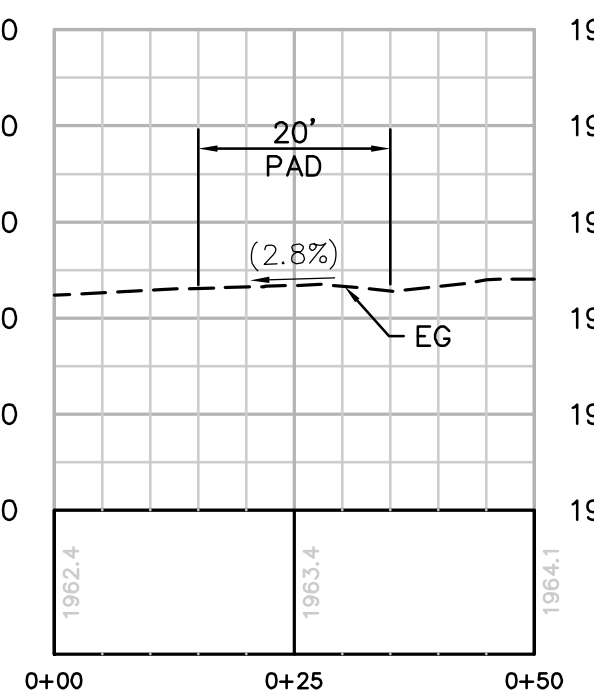
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-273-1	500 KV EXMT Lattice Tangent Tower	0.00	148.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1832456.64	6617112.47	(1961.35)	P-273-1
2	1832509.41	6617242.15	(1963.57)	EG
3	1832491.74	6617232.79	(1962.94)	EG
4	1832482.38	6617250.46	(1963.07)	EG
5	1832500.05	6617259.83	(1963.78)	EG
6	1832495.90	6617246.31		RP



SECTION A-A

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



SECTION B-B

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

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-10A (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P272-3 & P273-1

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

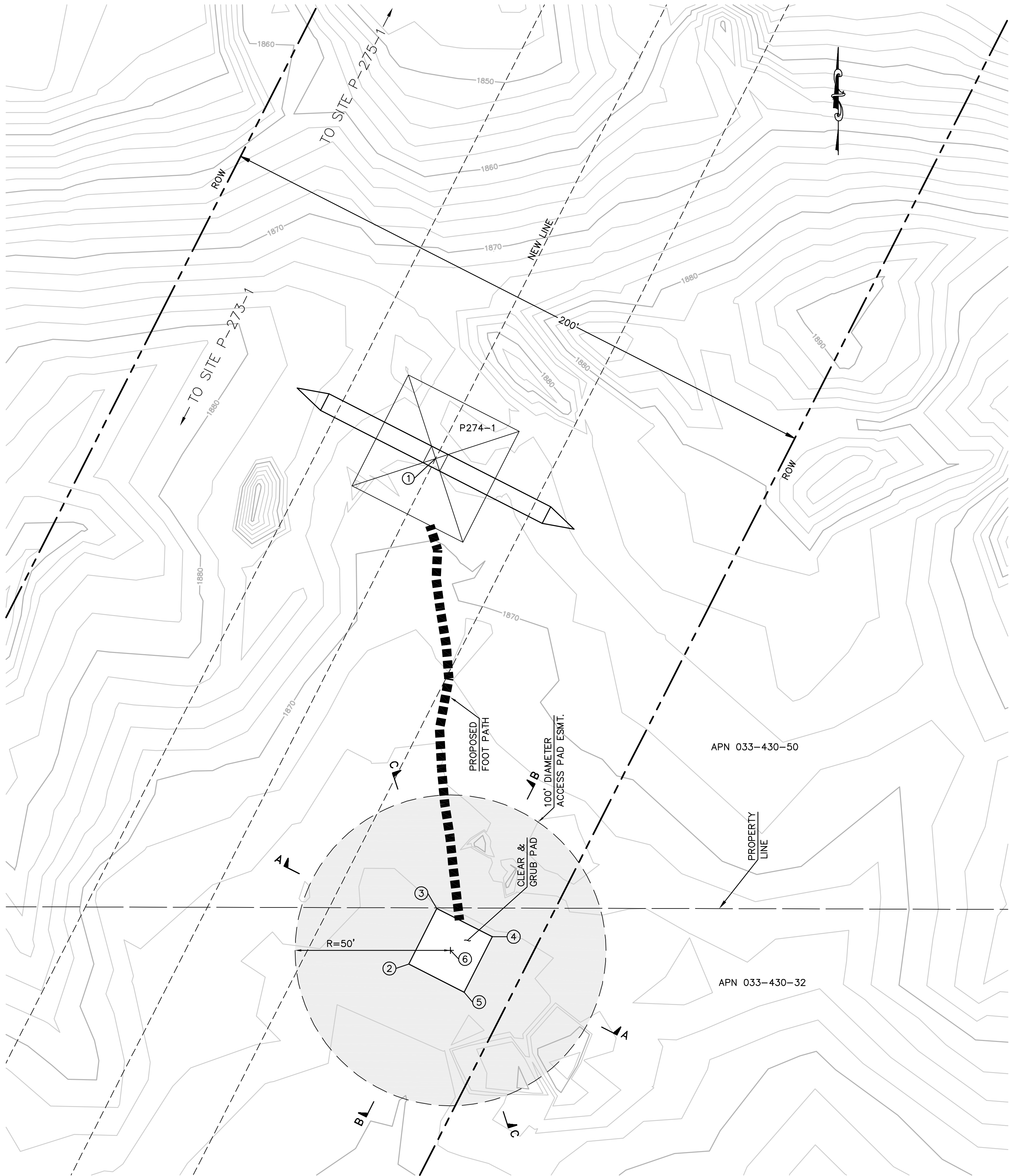
10A-P272-3 & P273-1-TSAP



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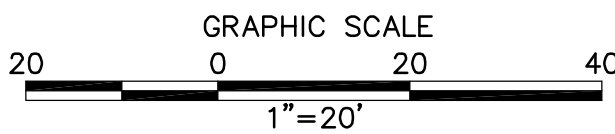


EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

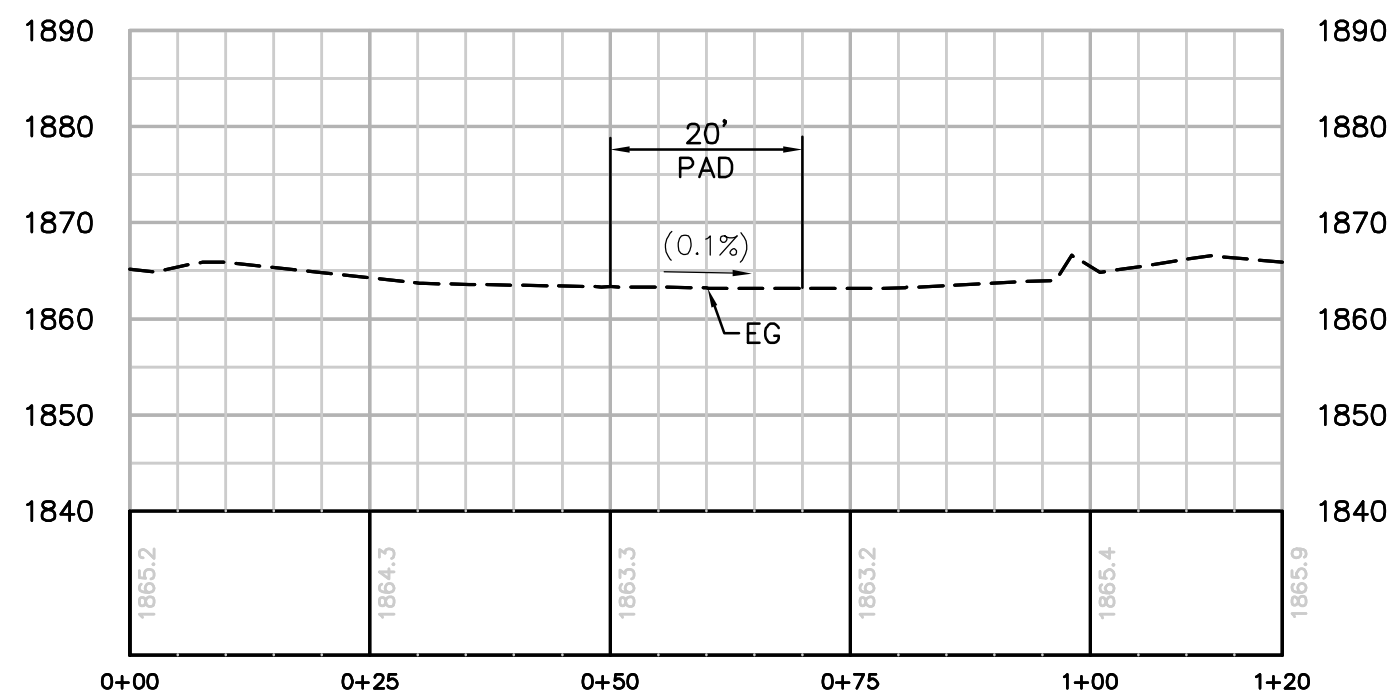
DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-274-1
(THIS IS NOT A HELIPORT)

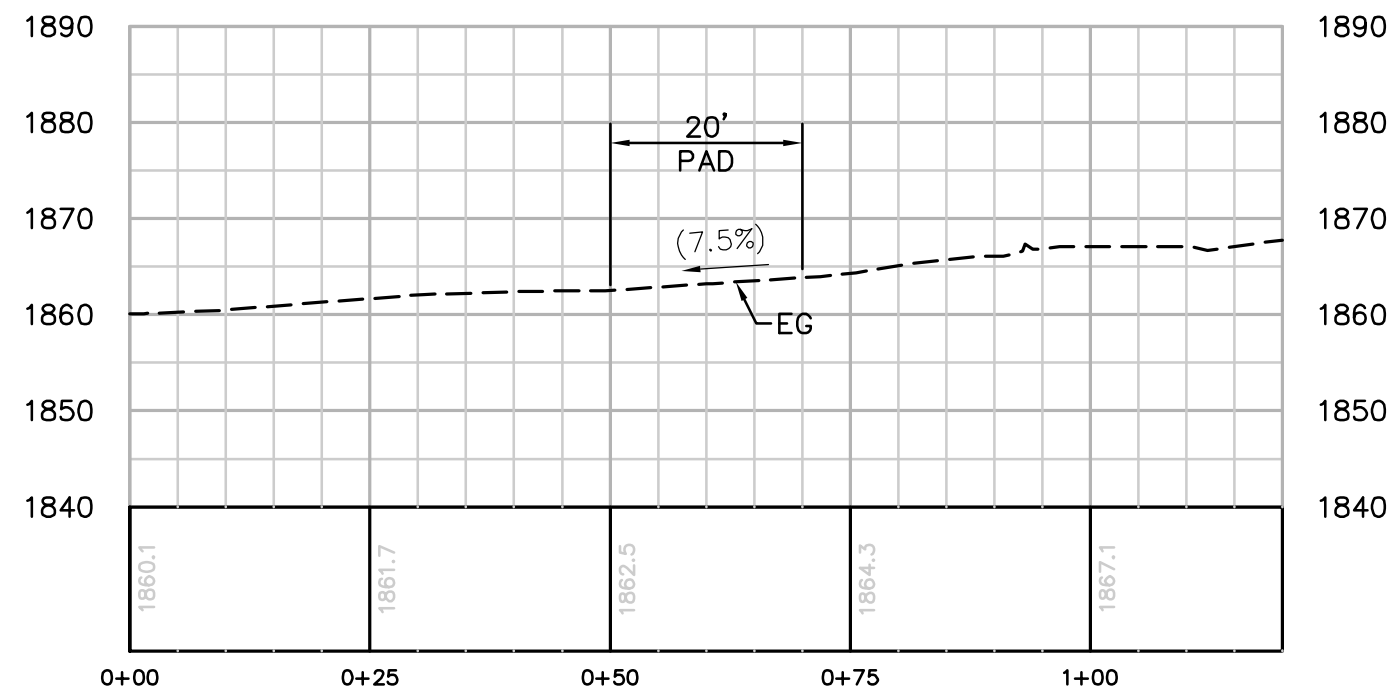
SCALE: 1" = 20'



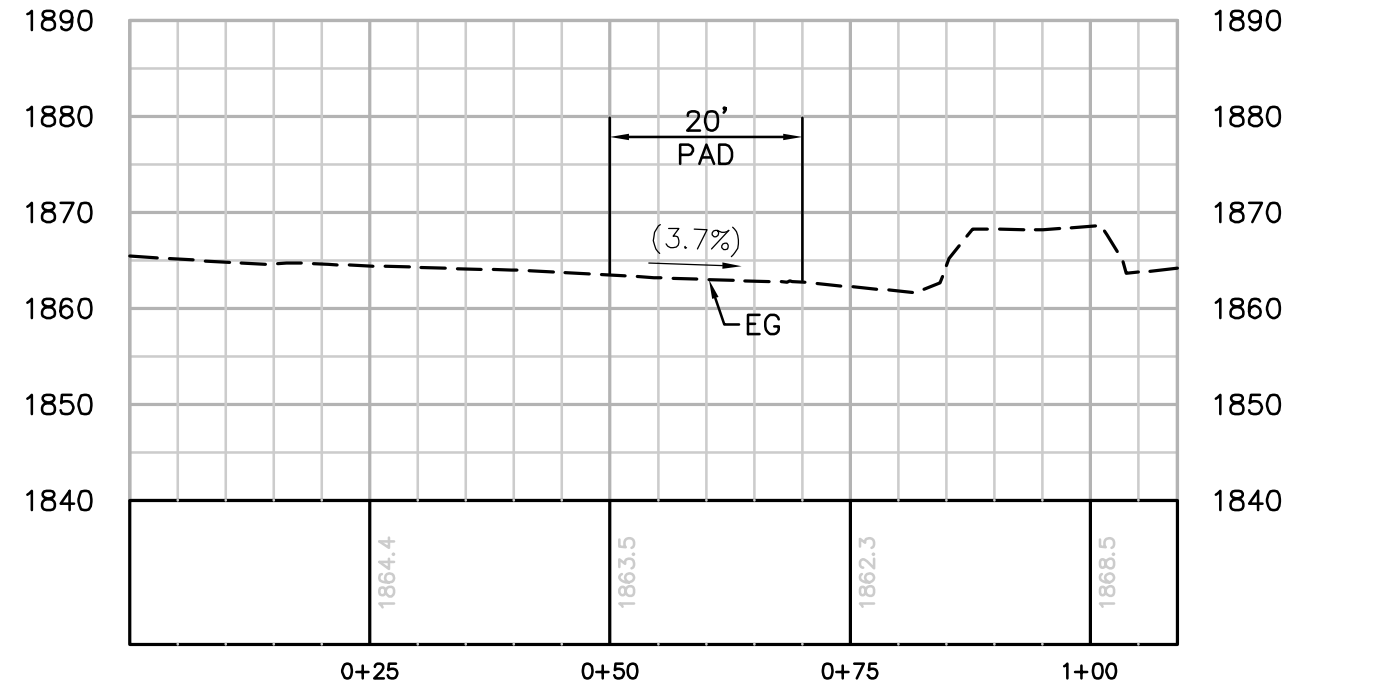
PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE TSAP 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.



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



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



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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-274-1	500 KV EXMT Lattice Tangent Tower	0.00	145.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1833621.37	6617705.22	(1872.28)	P-274-1
2	1833458.80	6617696.57	(1862.70)	EG
3	1833476.64	6617705.62	(1863.96)	EG
4	1833467.59	6617723.45	(1863.79)	EG
5	1833449.76	6617714.41	(1862.83)	EG
6	1833463.20	6617710.01		RP

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-10A (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P274-1

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

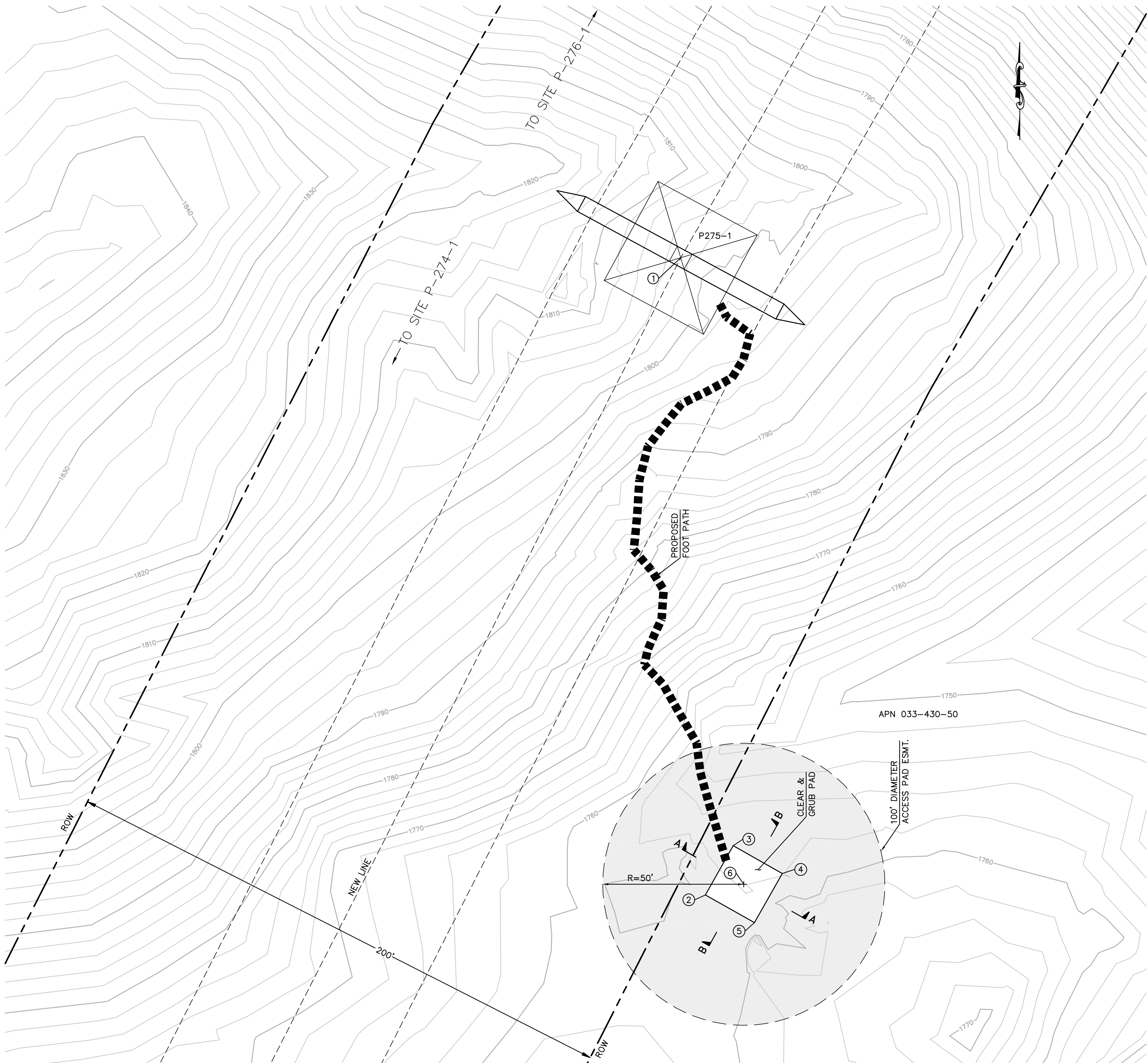
10A-P274-1-TSAP



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P:\16919 SD&E SPL\CADD\10A\dwg\plan\Heli pads 10A-P275-1 TSAP.dwg [May-24-2010] 1308



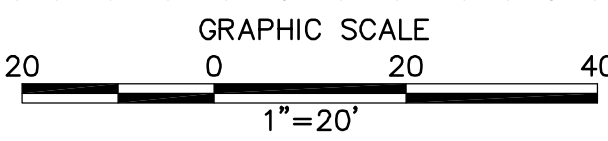
EARTH QUANTITIES:
OUT: 0 CY
FILL: 0 CY
NET: 0 CY

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.

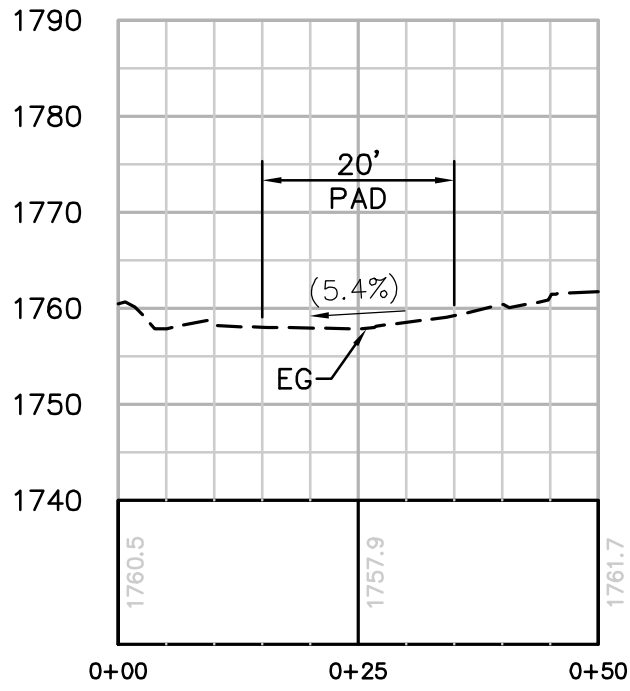
TOWER STAGING/ACCESS PAD FOR TOWER P-275-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'

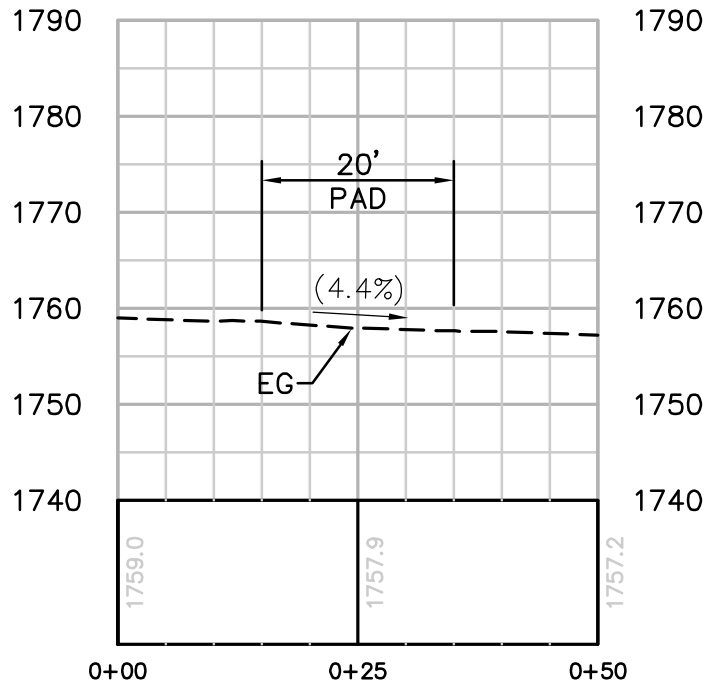


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1834853.83	6618332.44	(1802.87)	P-275-1
2	1834627.99	6618341.16	(1758.35)	EG
3	1834645.40	6618351.00	(1757.68)	EG
4	1834635.56	6618368.42	(1758.67)	EG
5	1834618.15	6618358.58	(1759.35)	EG
6	1834631.77	6618354.79		RP

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-275-1	500 KV EXLA Lattice Angle Tower	2.92	109.50



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



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

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, CALIFORNIA

SPL-10A (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P275-1

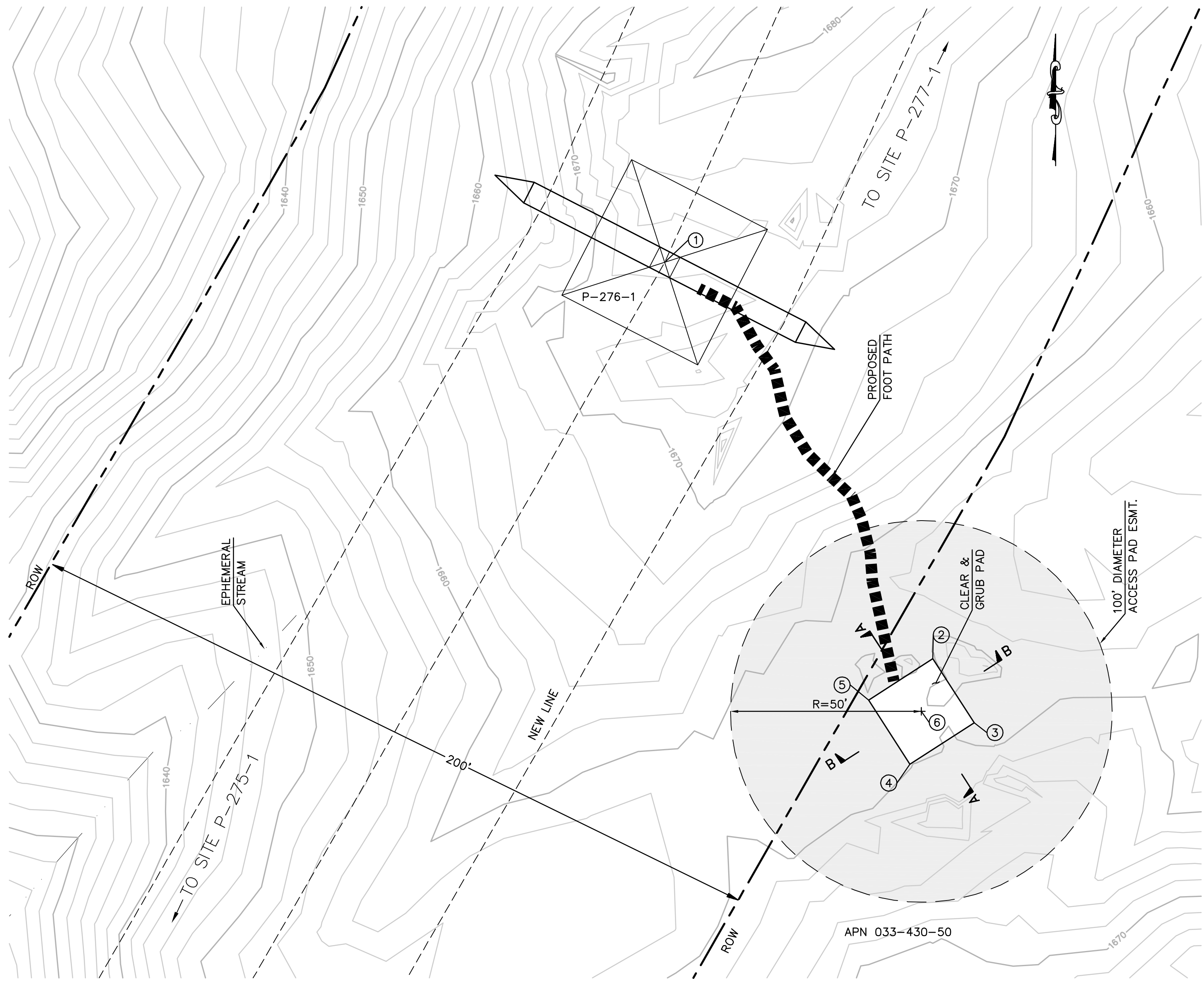
DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.:	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

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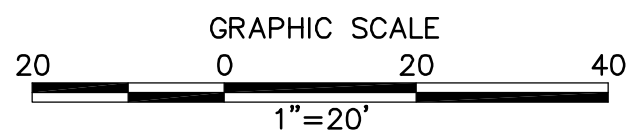


EARTH QUANTITIES: CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA: PAD: 400 SF
TOTAL: 400 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-276-1
(THIS IS NOT A HELIPORT)

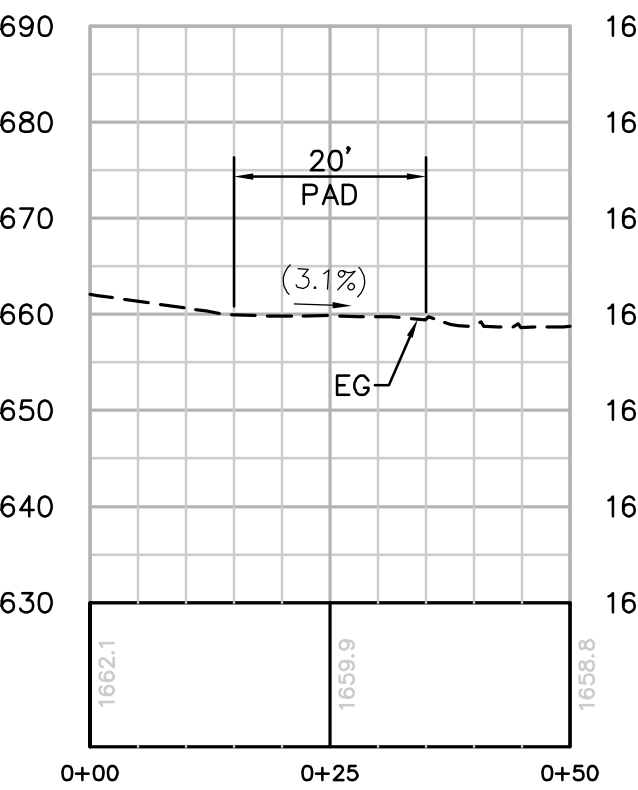
SCALE: 1" = 20'



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.

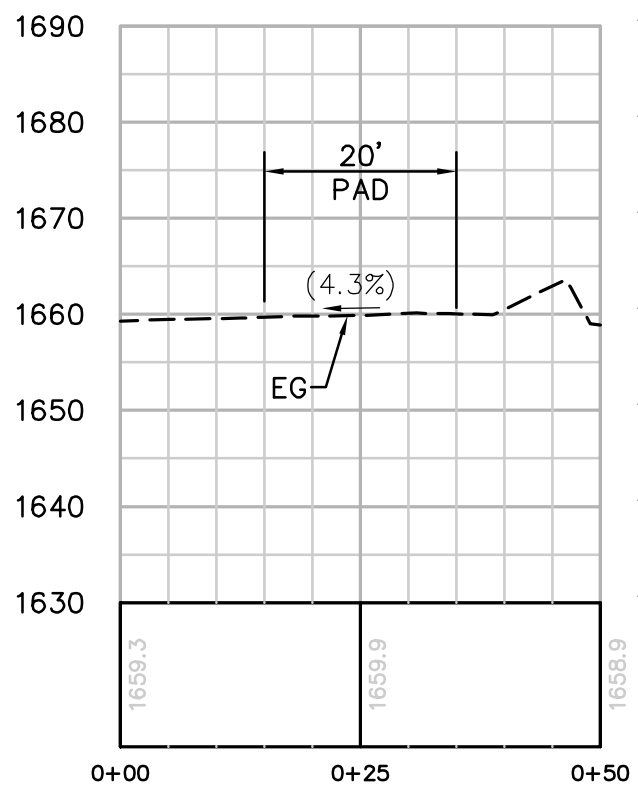
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-276-1	500 KV EXLA Lattice Angle Tower	-5.43	115.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1836266.78	6619144.71	(1672.33)	P-276-1
2	1836162.88	6619214.96	(1659.54)	EG
3	1836146.06	6619225.79	(1659.43)	EG
4	1836135.23	6619208.97	(1659.93)	EG
5	1836152.05	6619198.14	(1659.49)	EG
6	1836149.05	6619211.97		RP



SECTION A-A

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



SECTION B-B

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

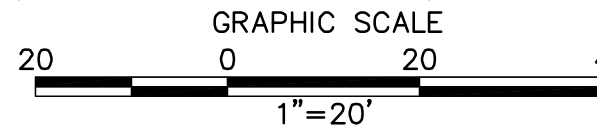


EARTH QUANTITIES: CUT: 6 CY
FILL: 5 CY
NET: 1 CY

DISTURBED AREA: PAD: 592 SF
TOTAL: 592 SF

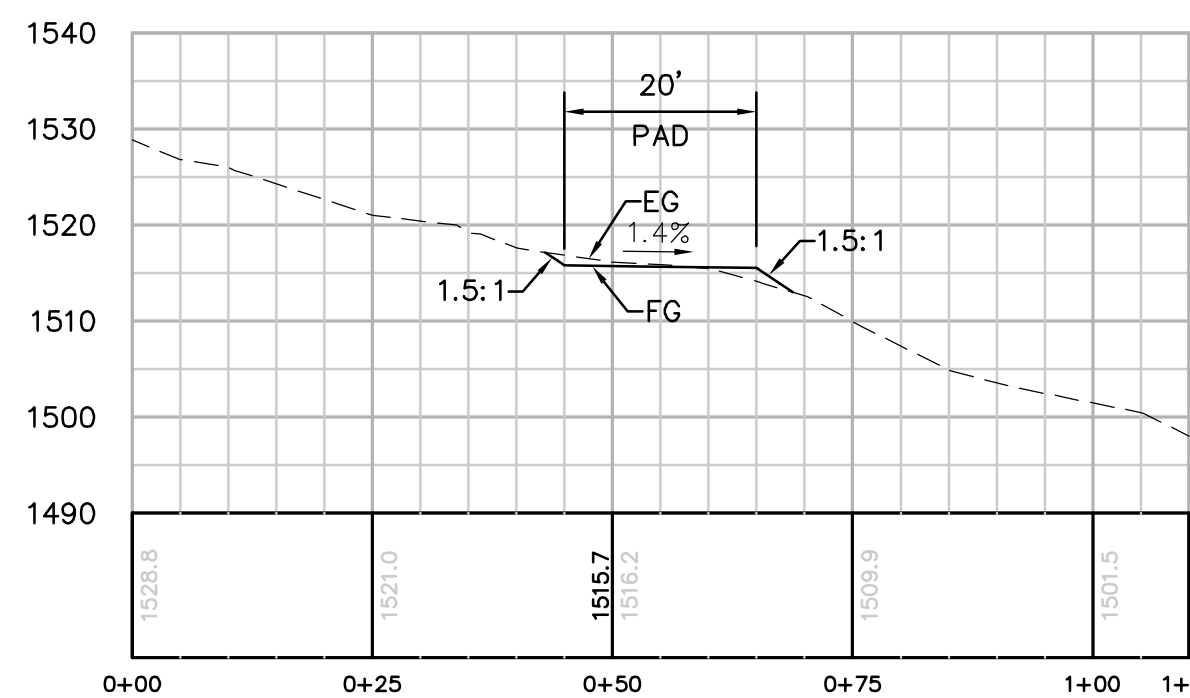
TOWER STAGING/ACCESS PAD FOR TOWER P-277-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



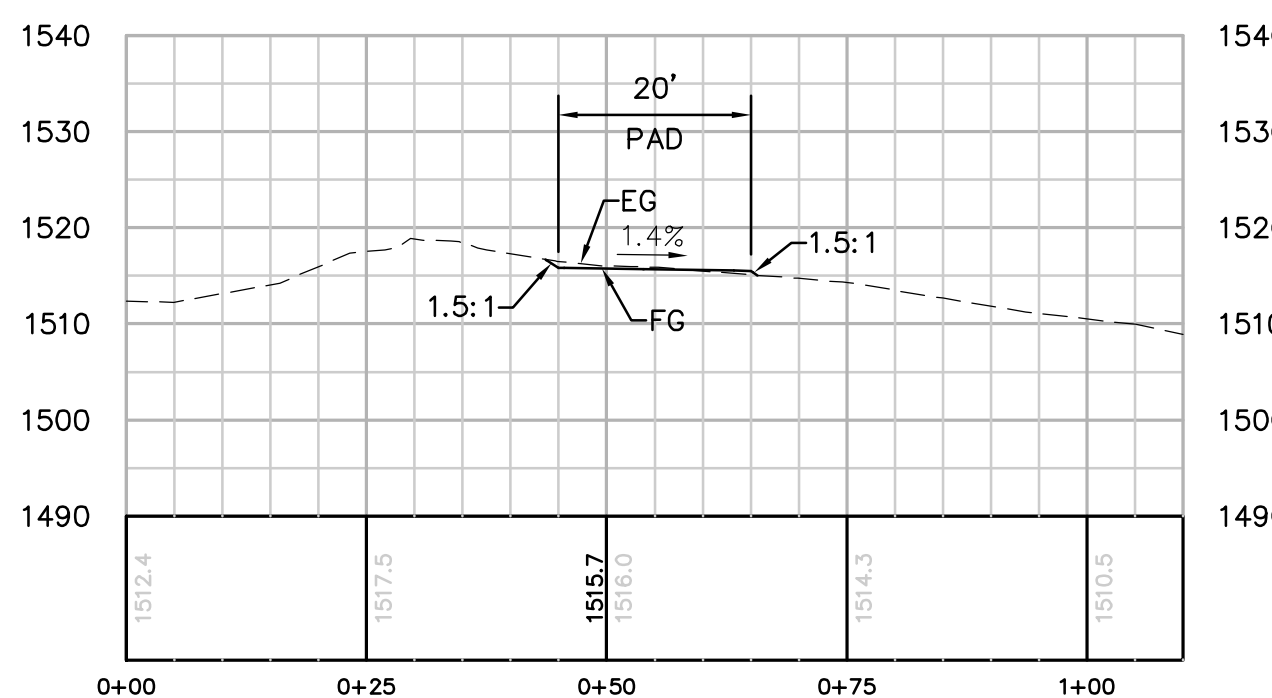
PER ONSITE BIOLOGIST, TRANSPLANT NATIVE PLANT SPECIES OUTSIDE OF THE TSAP 100' DIAMETER EASEMENT AND TRIM OTHER PLANTS TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-277-1	500 KV EXLA Lattice Angle Tower	2.51	157.50



SECTION A-A

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



SECTION B-B

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1837992.62	6619929.83	(1540.28)	P-277-1
2	1837876.45	6619963.89	1515.38	FG
3	1837894.13	6619954.53	1515.67	FG
4	1837884.77	6619936.86	1515.95	FG
5	1837867.09	6619946.22	1515.67	FG
6	1837880.61	6619950.37		RP

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-10A (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P276-1 & P277-1

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.:	REV. 0
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10A-P278-1-TSAP

P:\16919 SD&E SPL\CADD\10A\dwg\plan\Heli pads 10A-P279-1 TSAP.dwg[May-24-2010]1306

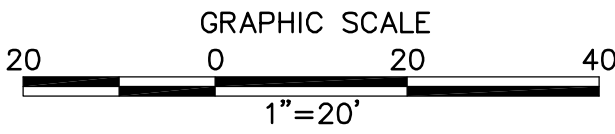


EARTH QUANTITIES:
CUT: 2 CY
FILL: 1 CY
NET: 1 CY

DISTURBED AREA:
PAD: 435 SF
TOTAL: 435 SF

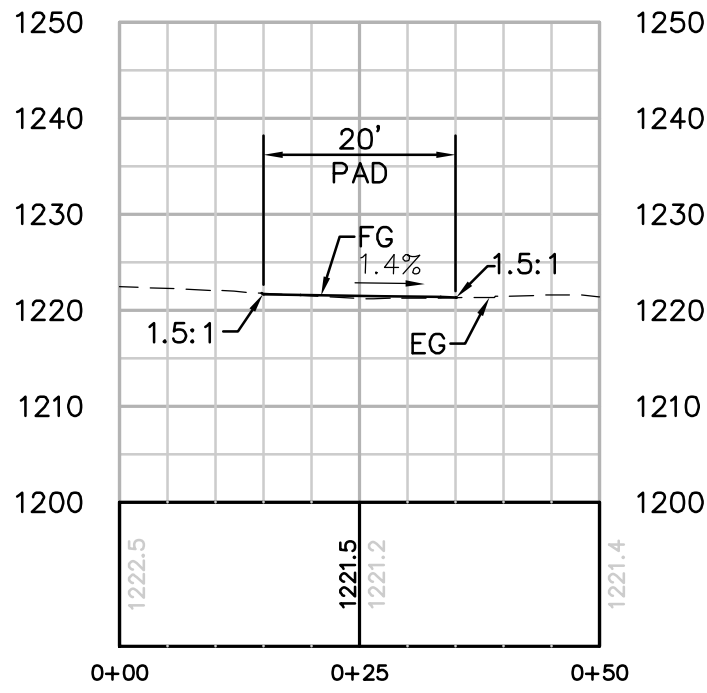
TOWER STAGING/ACCESS PAD FOR TOWER P-279-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



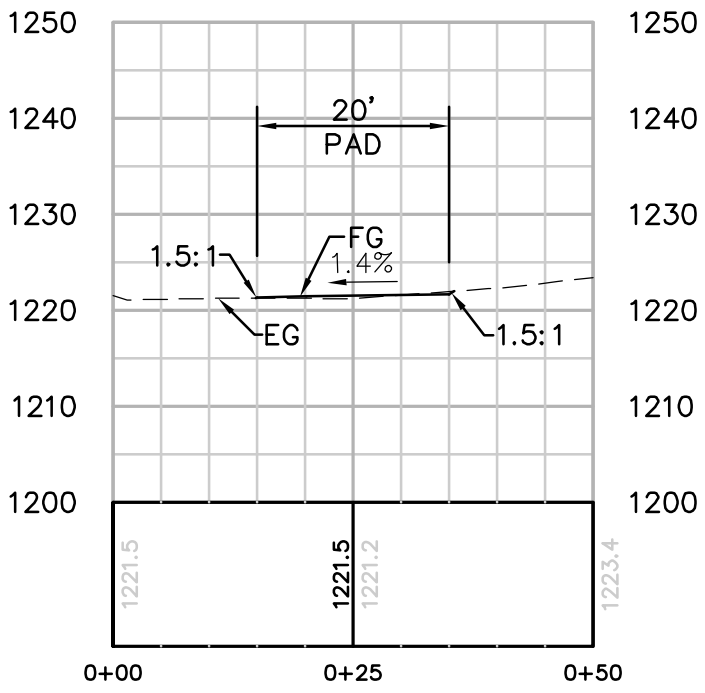
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1840677.15	6621266.79	(1252.89)	P-279-1
2	1840481.13	6621238.72	1221.49	FG
3	1840489.36	6621256.95	1221.21	FG
4	1840471.13	6621265.18	1221.49	FG
5	1840462.90	6621246.95	1221.77	FG
6	1840476.13	6621251.95		RP

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-279-1	500 KV EXMT Lattice Tangent Tower	1.67	175.50



SECTION A-A

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



SECTION B-B

HORIZ. & VERT. SCALE: 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.



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SAN DIEGO, CALIFORNIA

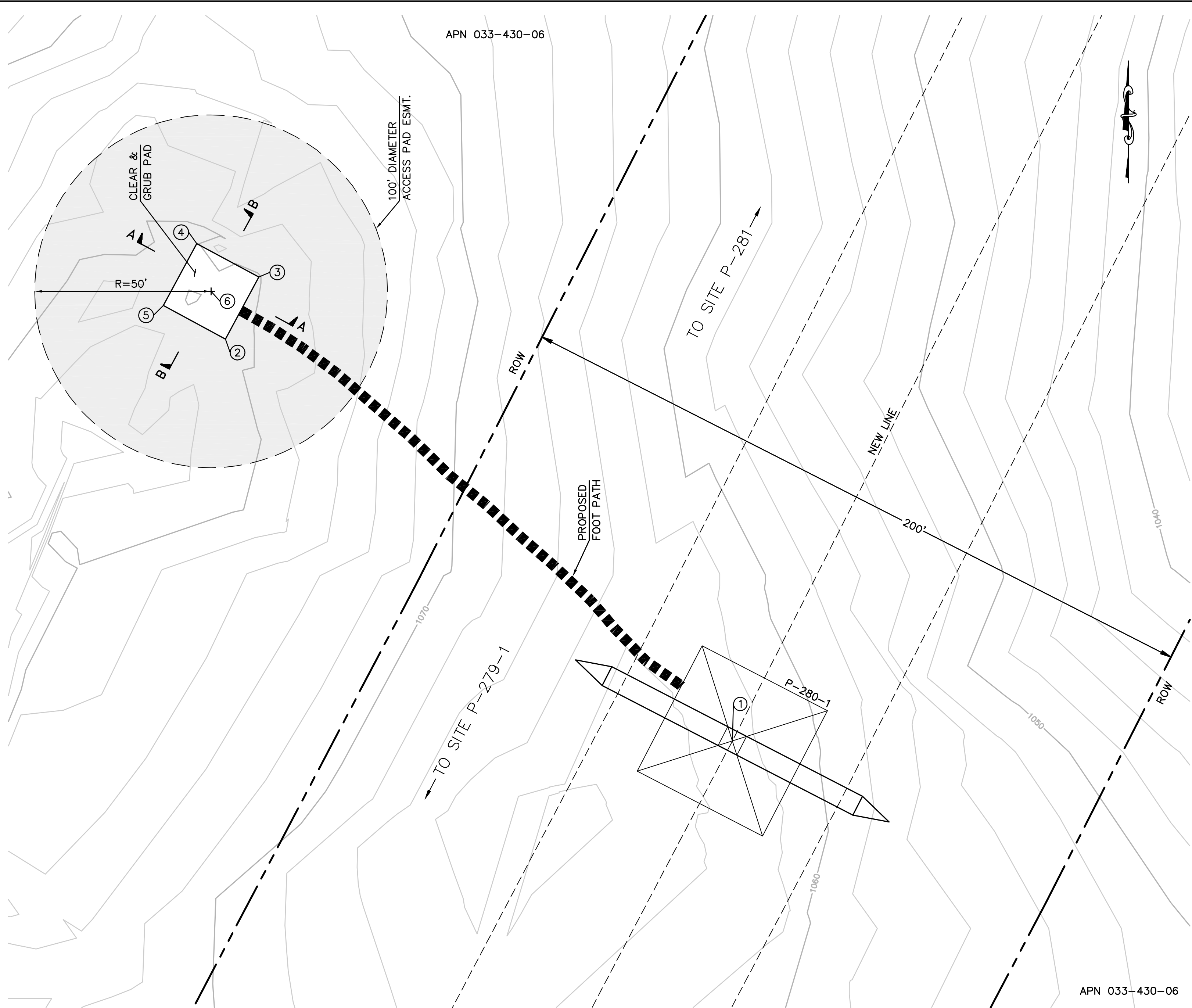
SPL-10A (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P279-1

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

10A-P279-1-TSAP

PN16919 SD&E SPL\CADD\10A\dwg\plan\Heli pads 10A-P280-1 & 281 TSAP.dwg May-24-2010 13:10

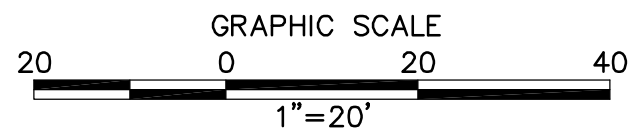


EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-280-1 (THIS IS NOT A HELIPORT)

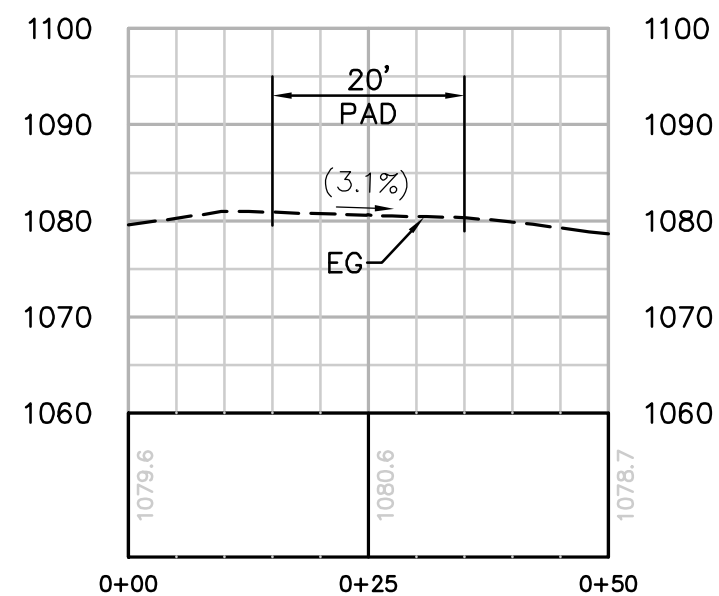
SCALE: 1" = 20'



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.

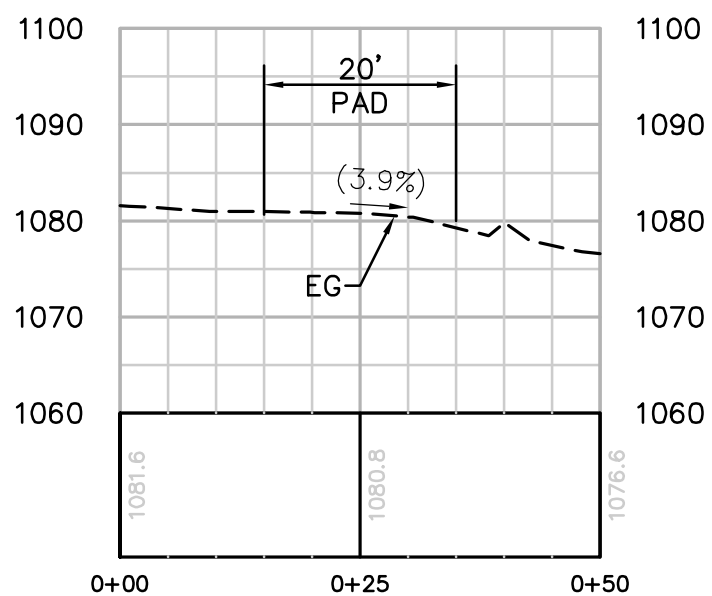
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-280-1	500 KV EXMT Lattice Tangent Tower	-0.78	169.5

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1842366.33	6622155.70	(1062.67)	P-280-1
2	1842480.22	6622012.00	(1081.09)	EG
3	1842497.82	6622021.51	(1080.08)	EG
4	1842507.33	6622003.91	(1080.28)	EG
5	1842489.73	6621994.40	(1081.49)	EG
6	1842493.77	6622007.96		RP



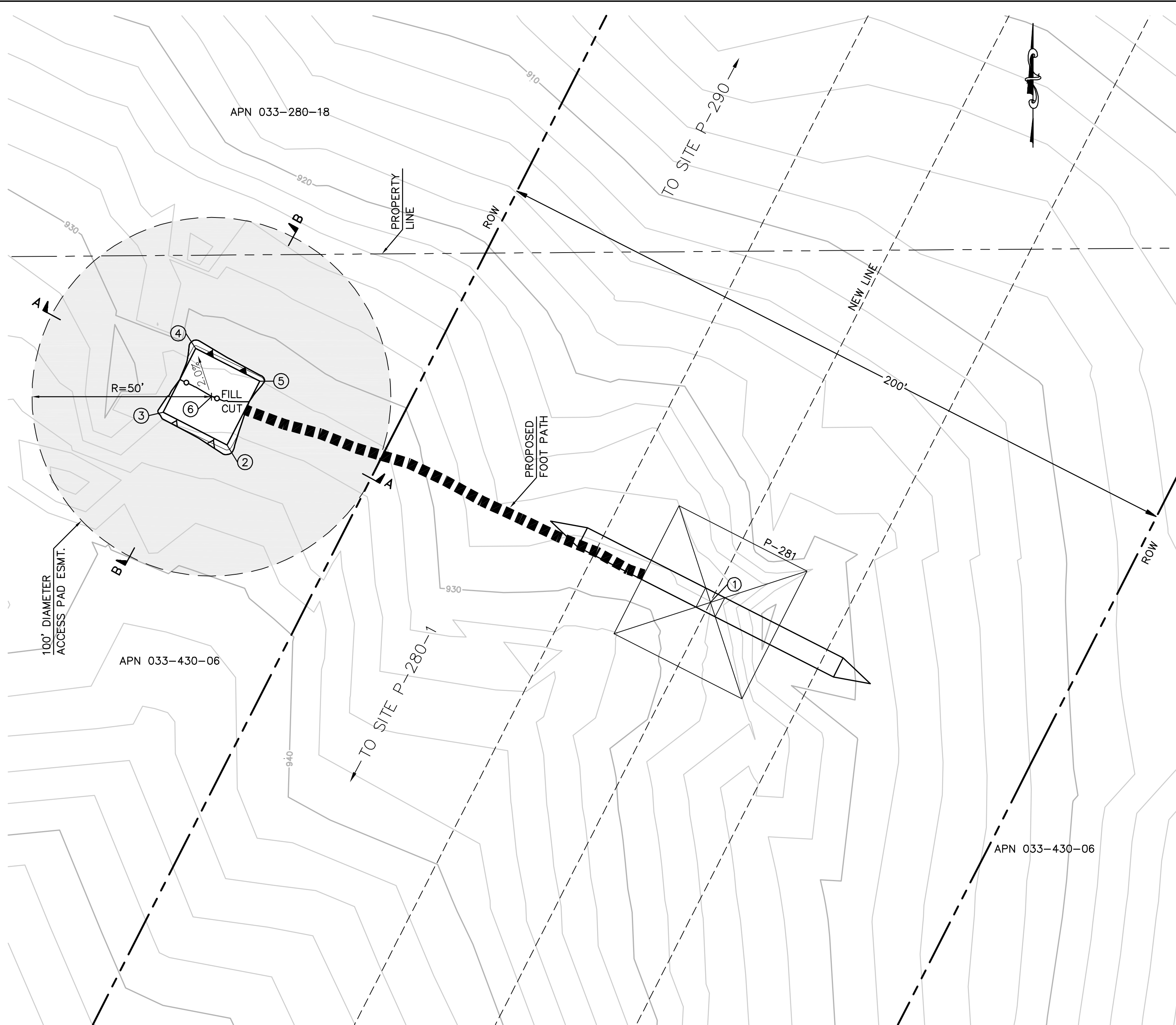
SECTION A-A

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



SECTION B-B

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

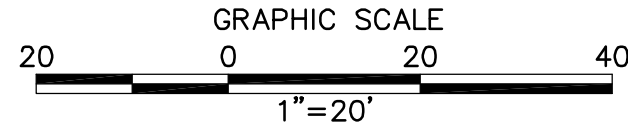


EARTH QUANTITIES:
CUT: 6 CY
FILL: 4 CY
NET: 2 CY

DISTURBED AREA:
PAD: 520 SF
TOTAL: 520 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-281 (THIS IS NOT A HELIPORT)

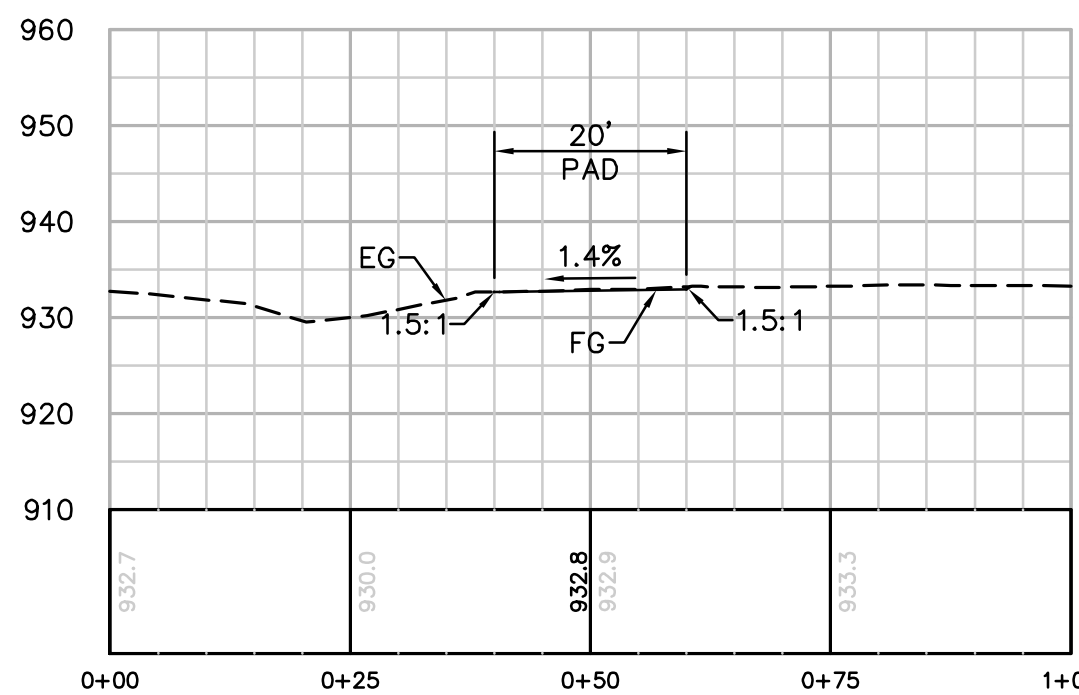
SCALE: 1" = 20'



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.

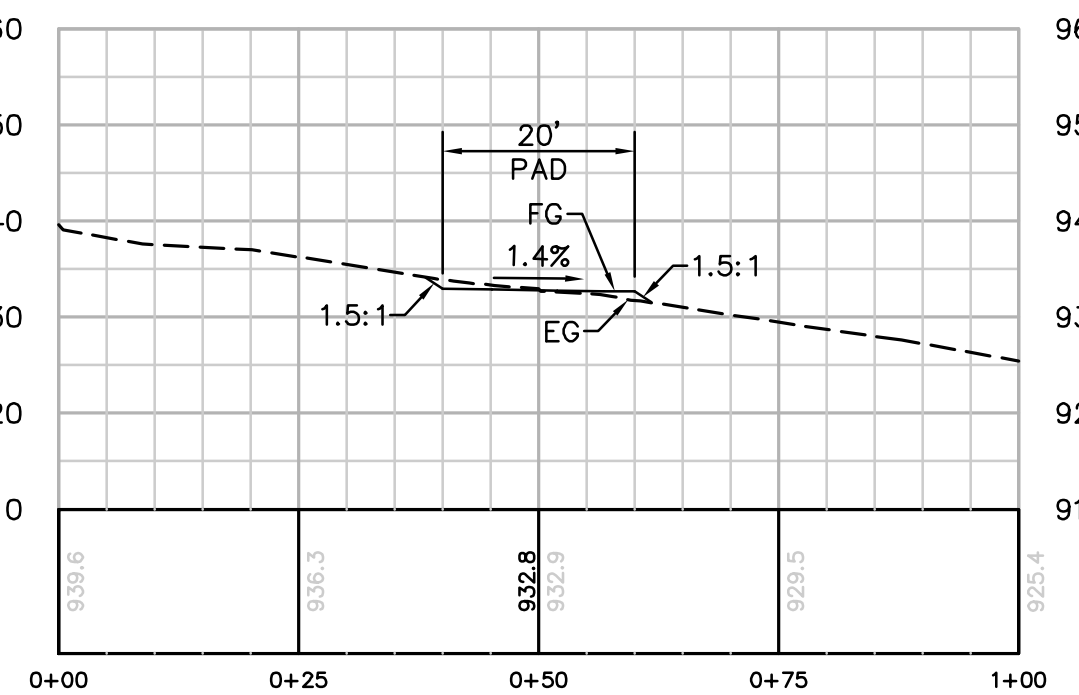
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-281	500 KV EXLD Lattice Dead-End Tower	0.00	156.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1843801.44	6622886.06	(928.03)	P-280-1
2	1843845.30	6622751.34	933.08	FG
3	1843854.41	6622733.53	932.80	FG
4	1843872.21	6622742.64	932.52	FG
5	1843863.10	6622760.45	932.80	FG
6	1843858.75	6622746.99		RP



SECTION A-A

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



SECTION B-B

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

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-10A (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P280-1 & P281

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

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