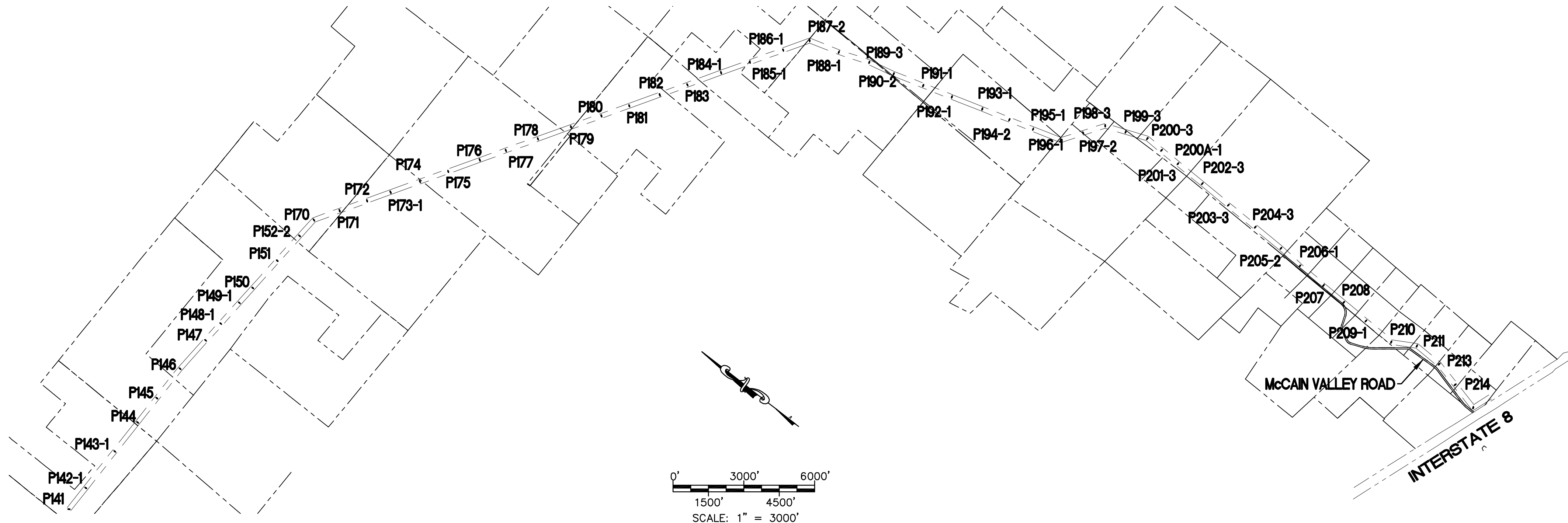


SUNRISE POWERLINK PROJECT

SECTION 9B (LINK 1)

500kV LINE



OFF-SITE WORK TO BE DONE

SITE / ACCESS ROAD

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP
OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP
OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP
OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP
OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP
OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP
DETAILED OFF-ROAD IMPROVEMENTS
DETAILED OFF-ROAD IMPROVEMENTS
DETAILED OFF-ROAD IMPROVEMENTS
DETAILED OFF-ROAD IMPROVEMENTS
DETAILED OFF-ROAD IMPROVEMENTS

SHEET NUMBER

09B-P142-1-P152-2-KEY01
09B-P170-P180-KEY02
09B-P181-P186-1-KEY03
09B-P187-2-P196-1-KEY04
09B-P197-2-P208-KEY05
09B-P209-1-P214-KEY06
09B-P184-1-ARMJ1
09B-P184-1-ARMJ2
09B-P184-1-ARMJ3
09B-P185-1-ARMJ1
09B-P185-1-ARMJ2

ON-SITE WORK TO BE DONE

SITE / ACCESS ROAD

SITE P-170
SITE P-171
ACCESS ROAD TO SITE P-171
SITE P-172
ACCESS ROAD TO SITE P-172
SITE P-173-1
SITE P-174
SITE P-175
SITE P-176
SITE P-177
SITE P-178
ACCESS ROAD TO SITE P-178
SITE P-179
ACCESS ROAD TO SITE P-179
ACCESS ROAD TO SITE P-179
SITE P-180
ACCESS ROAD TO SITE P-180
SITE P-181
ACCESS ROAD TO SITE P-181
SITE P-182
ACCESS ROAD TO SITE P-182
ACCESS ROAD TO SITE P-182
SITE P-183
ACCESS ROAD TO SITE P-183
SITE P-184-1
SITE P-185-1
SITE P-186-1
ACCESS ROAD TO SITE P-186-1
SITE P-187-2

SHEET NUMBER

09B-P170-S1
09B-P171-S1
09B-P171-R1
09B-P172-S1
09B-P172-R1
09B-P173-1-S1
09B-P174-S1
09B-P175-S1
09B-P176-S1
09B-P177-S1
09B-P178-S1
09B-P178-R1
09B-P179-S1
09B-P179-R1
09B-P179-R2
09B-P180-S1
09B-P180-R1
09B-P181-S1
09B-P181-R1
09B-P182-S1
09B-P182-R1
09B-P182-R2
09B-P183-S1
09B-P183-R1
09B-P184-1-S1
09B-P185-1-S1
09B-P186-1-S1
09B-P186-1-R1
09B-P187-2-S1

SITE / ACCESS ROAD

SITE P-189-3
SITE P-190-2
SITE P-191-1
SITE P-192-1
ACCESS ROAD TO SITE P-192-1
SITE P-193-1
ACCESS ROAD TO SITE P-193-1
SITE P-196-1
SITE P-197-2
SITE P-198-3
SITE P-199-3
SITE P-200-3
SITE P-200A-1
SITE P-201-3
SITE P-202-3
SITE P-203-3
SITE P-204-3
SITE P-205-2
SITE P-206-1
SITE P-207
SITE P-208
SITE P-209-1
SITE P-210
SITE P-211
SITE P-213
SITE P-214

SHEET NUMBER

09B-P189-3-S1
09B-P190-2-S1
09B-P191-1-S1
09B-P192-1-S1
09B-P192-1-R1
09B-P193-1-S1
09B-P193-1-R1
09B-P196-1-S1
09B-P197-2-S1
09B-P198-3-S1
09B-P199-3-S1
09B-P200-3-S1
09B-P200A-1-S1
09B-P201-3-S1
09B-P202-3-S1
09B-P203-3-S1
09B-P204-3-S1
09B-P205-2-S1
09B-P206-1-S1
09B-P207-S1
09B-P208-S1
09B-P209-1-S1
09B-P210-S1
09B-P211-S1
09B-P213-S1
09B-P214-S1

TOWER STAGING / ACCESS PAD

ON-SITE WORK TO BE DONE

SITE / ACCESS ROAD

SITE P-142-1
SITE P-143-1
SITE P-144
SITE P-145
SITE P-146
SITE P-147
SITE P-148-1
SITE P-149-1
SITE P-150
SITE P-151
SITE P-152-2
SITE P-188-1
SITE P-194-2
SITE P-195-1

SHEET NUMBER

09B-P142-1 & P143-1-TSAP
09B-P142-1 & P143-1-TSAP
09B-P144 & P145-TSAP
09B-P144 & P145-TSAP
09B-P146 & P147-TSAP
09B-P146 & P147-TSAP
09B-P148-1 & P149-1-TSAP
09B-P148-1 & P149-1-TSAP
09B-P150 & P151-TSAP
09B-P150 & P151-TSAP
09B-P152-2 & P188-1-TSAP
09B-P152-2 & P188-1-TSAP
09B-P194-2 & P195-1-TSAP
09B-P194-2 & P195-1-TSAP

TEMPORARY COMMUNICATION SITE

SITE

09B-146

SHEET NUMBER

09B-146-COMM

PULL-SITE WORK TO BE DONE

SITE / ACCESS ROAD

PULL SITE (WEST) P-170
PULL SITE (EAST) P-170
PULL SITE P-177 & P-178
PULL SITE (SOUTH) P-187-2
ACCESS ROAD TO PULL SITE (SOUTH) P-187-2
PULL SITE (NORTH) P-187-2
PULL SITE P-192-1
PULL SITE P-193-1
PULL SITE P-203-3 & P-204-3

SHEET NUMBER

09B-P170-PS-A
09B-P170-PS-B
09B-P177&P178-PS
09B-P187-2-PS-A
09B-P187-2-PS-A-R1
09B-P187-2-PS-B
09B-P192-1-PS
09B-P193-1-PS
09B-P203-3&P204-3-PS

PRIVATE ROADWAY / DRIVEWAY PLANS

SITE / ACCESS ROAD

GENERAL NOTES
NOTES & DETAILS
TRAFFIC CONTROL DETAILS
PERMIT 9B-1 & 2
PERMIT 9B-3 & 4
PERMIT 9B-5

SHEET NUMBER

09B-DWY-01
09B-DWY-02
09B-DWY-03
09B-DWY-04
09B-DWY-05
09B-DWY-06

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:

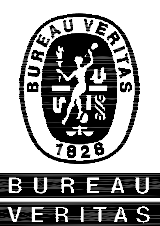
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-09B (LINK 1)

TITLE SHEET

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

SPL-09B-001



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P:\161919 SDG&E SPL\CADD\09B.dwg\plans\09B-CV\02CENT.dwg[May-24-2010]631

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 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 |
| | WATER BAR PER DETAIL $\frac{5}{4}$ |
| | BROW DITCH PER DETAIL $\frac{3}{3}$ |
| | DIP SECTION PER DETAIL $\frac{4}{4}$ |
| | 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 2:1 UNLESS SHOWN OTHERWISE |
| | CUT SLOPE 2:1 UNLESS SHOWN OTHERWISE |
| | RIDGE LINE |
| | DAYLIGHT LINE |
| | DIRECTION OF FLOW |
| | CUT/FILL LINE |
| | CONCRETE DOWN DRAIN, SEE DETAIL $\frac{1}{3}$ |
| | RIPRAP ENERGY DISSIPATOR, SEE DETAIL $\frac{2}{3}$ |
| | CORRUGATED METAL PIPE WITH FLARED
END SECTIONS, SEE PLANS FOR,
PIPE SIZES, AND ENERGY DISSIPATOR. $\frac{6}{4}$ |
| | DETAIL LABEL $\frac{DETAIL \#}{SHEET \#}$ |

REVISIONS

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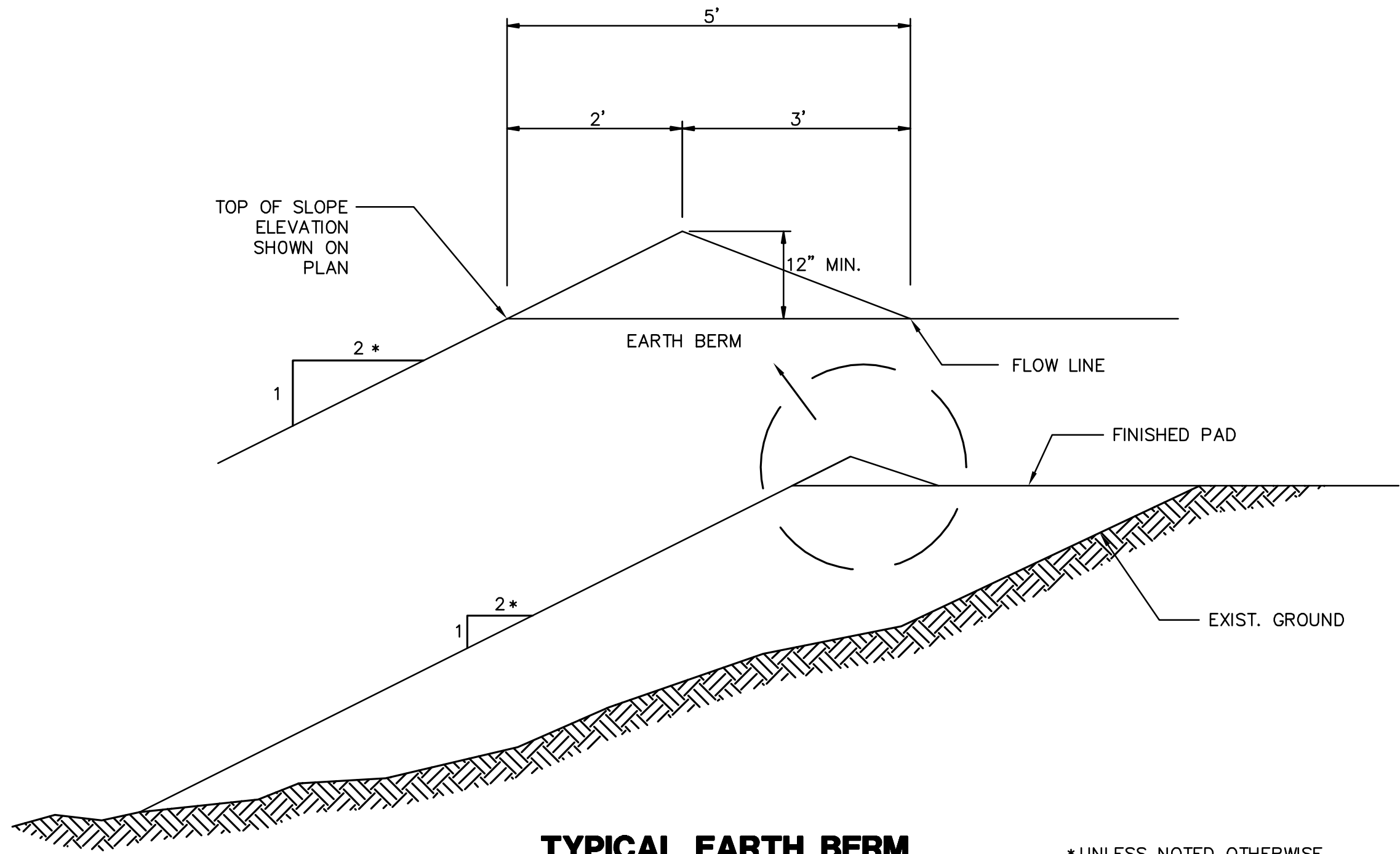


SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

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

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

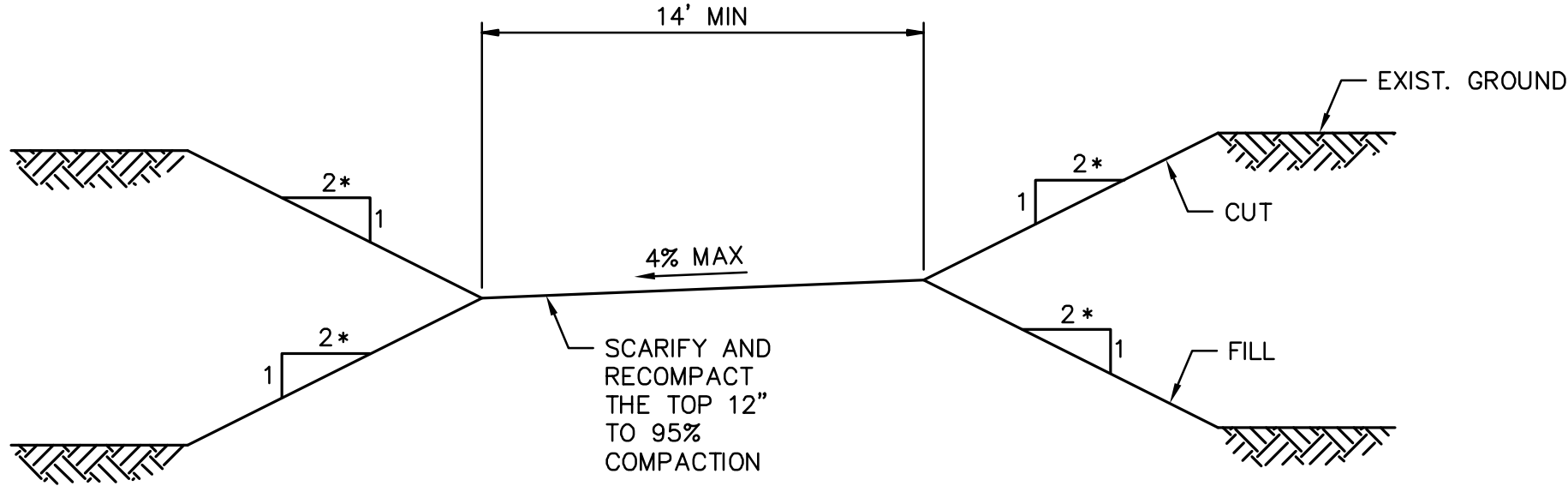
SPL-09B-002



TYPICAL EARTH BERM

NTS
TO BE PLACED ON TOP OF ALL FILL SLOPES.

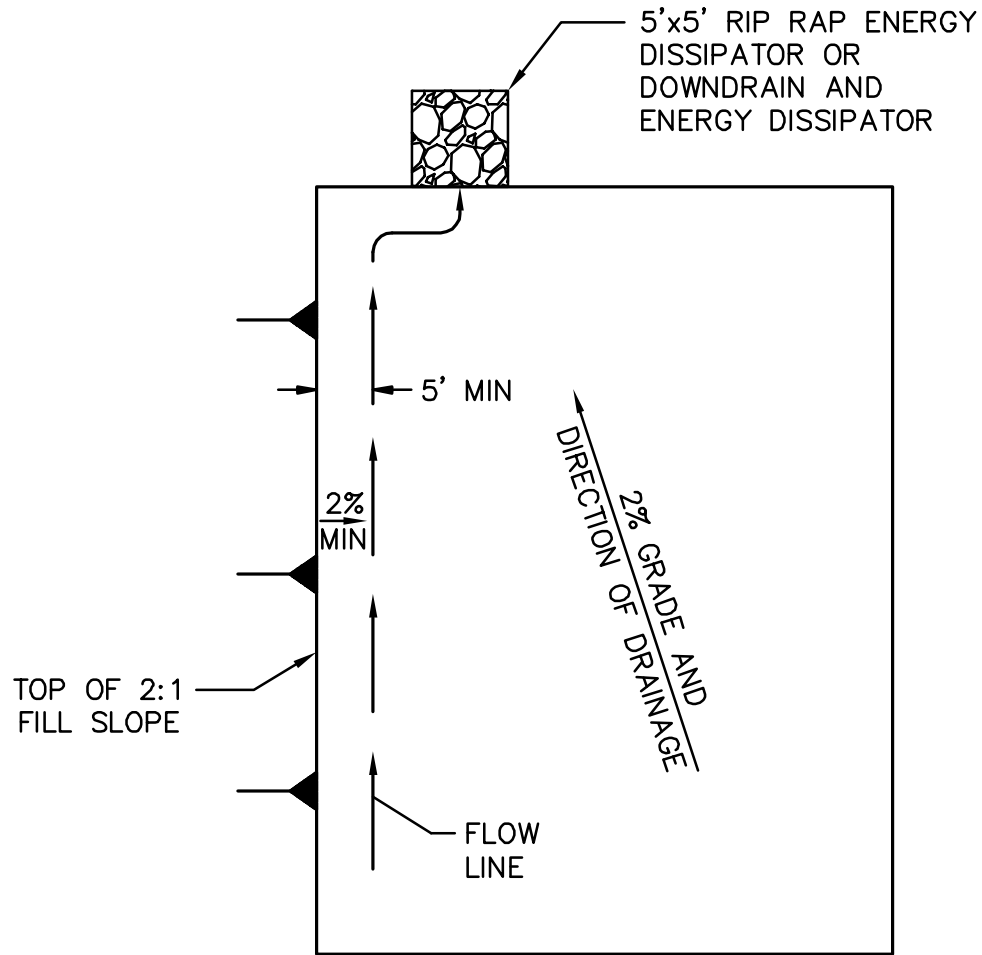
* UNLESS NOTED OTHERWISE



TYPICAL NEW ACCESS ROAD SECTION

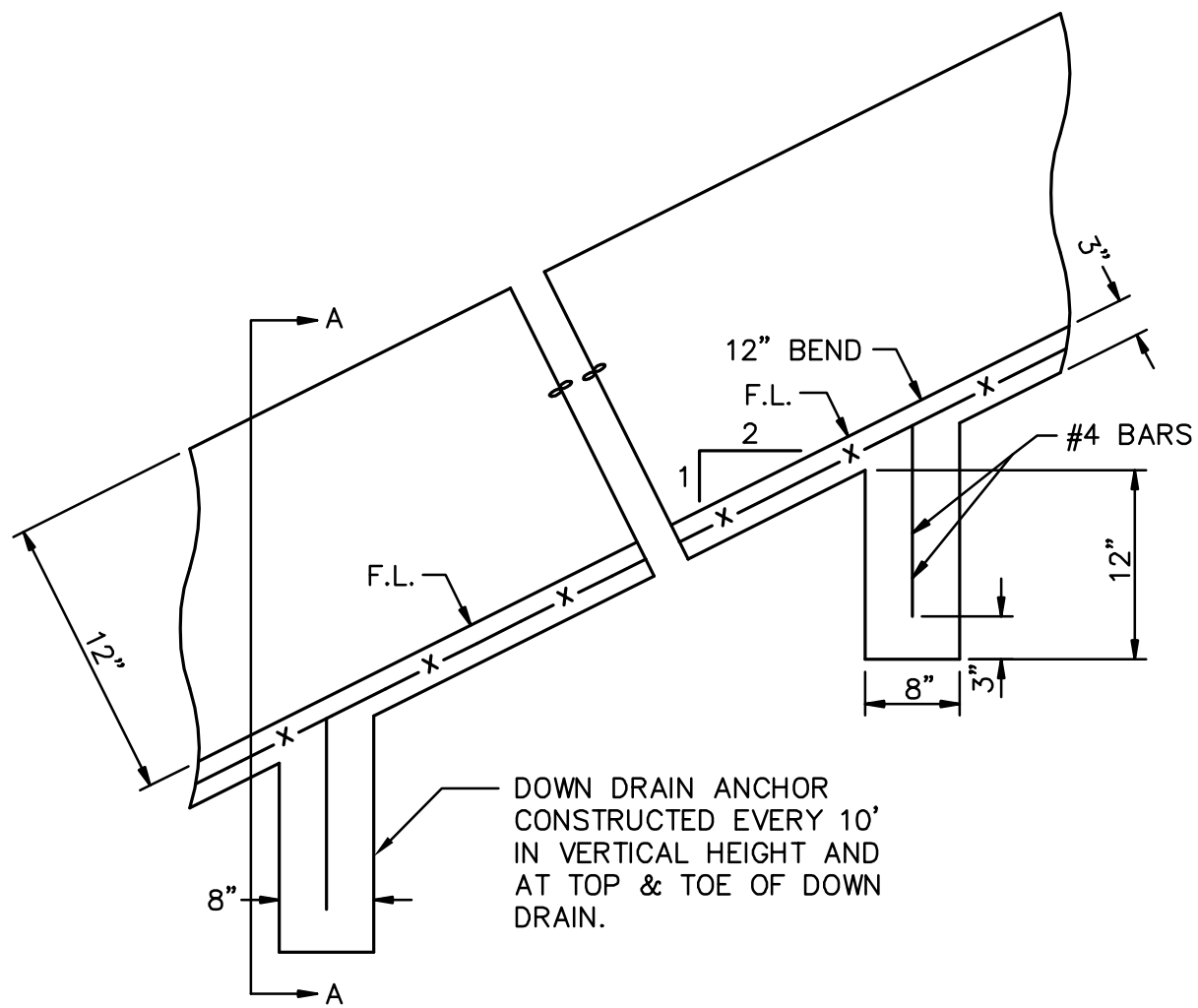
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* UNLESS NOTED OTHERWISE



TYPICAL PAD DRAINAGE LAYOUT

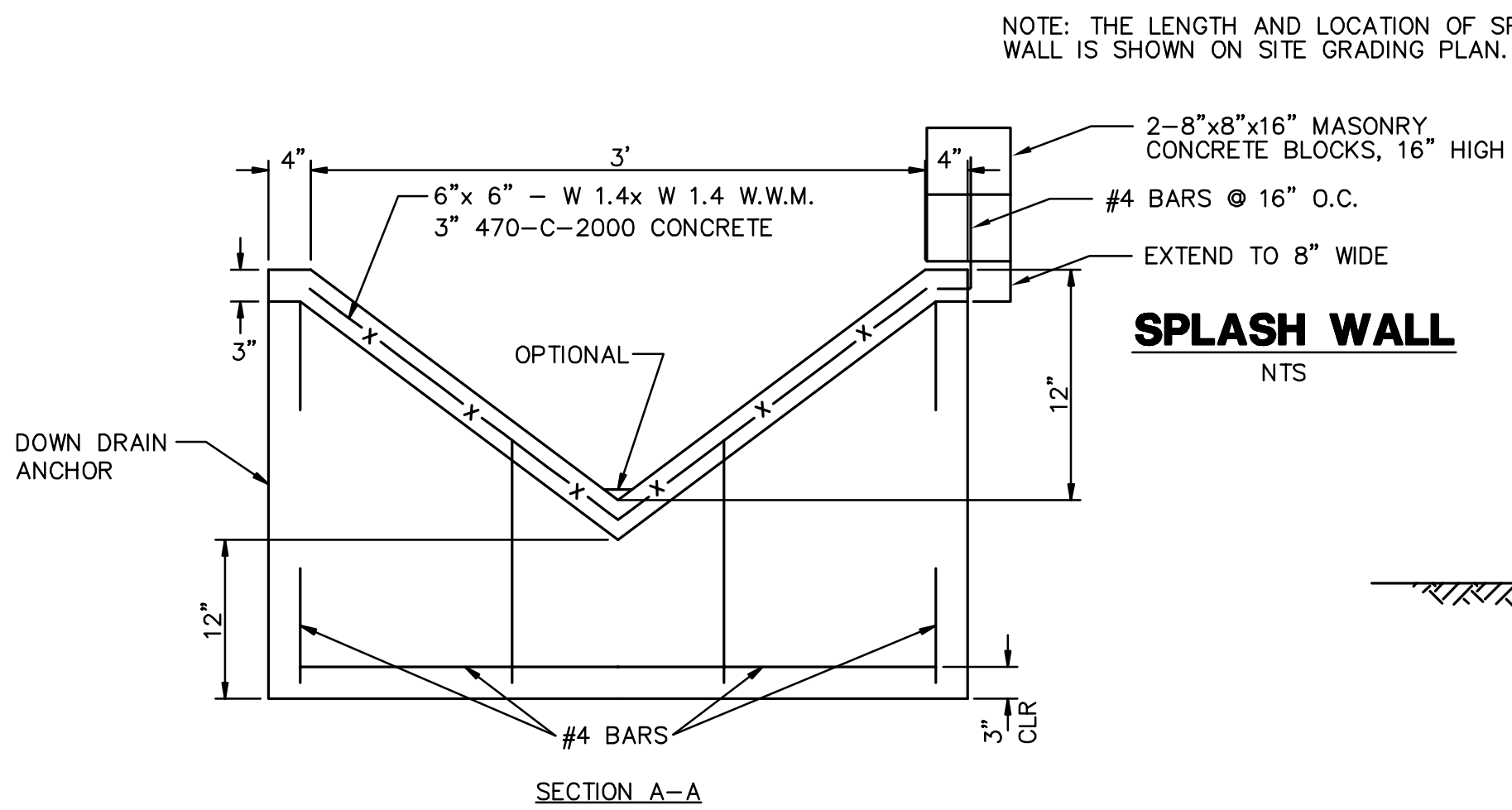
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DOWN DRAIN

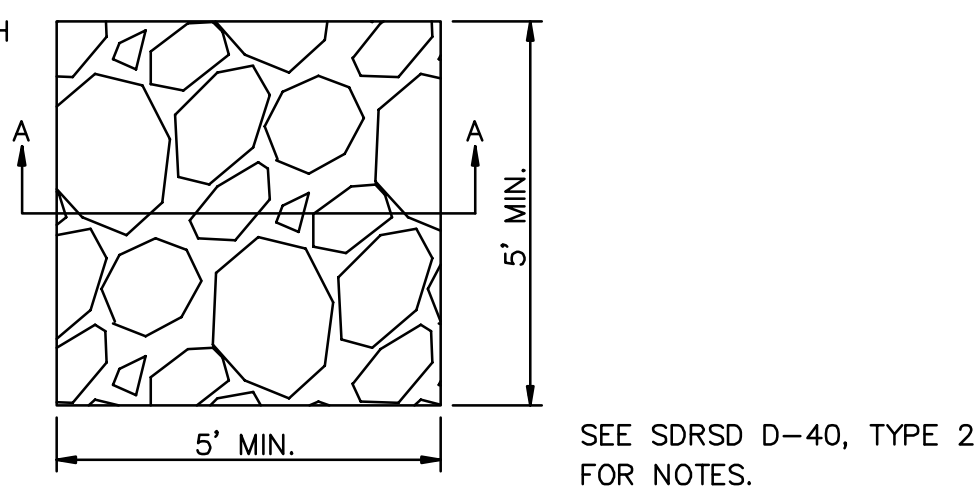
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1/3



SPLASH WALL

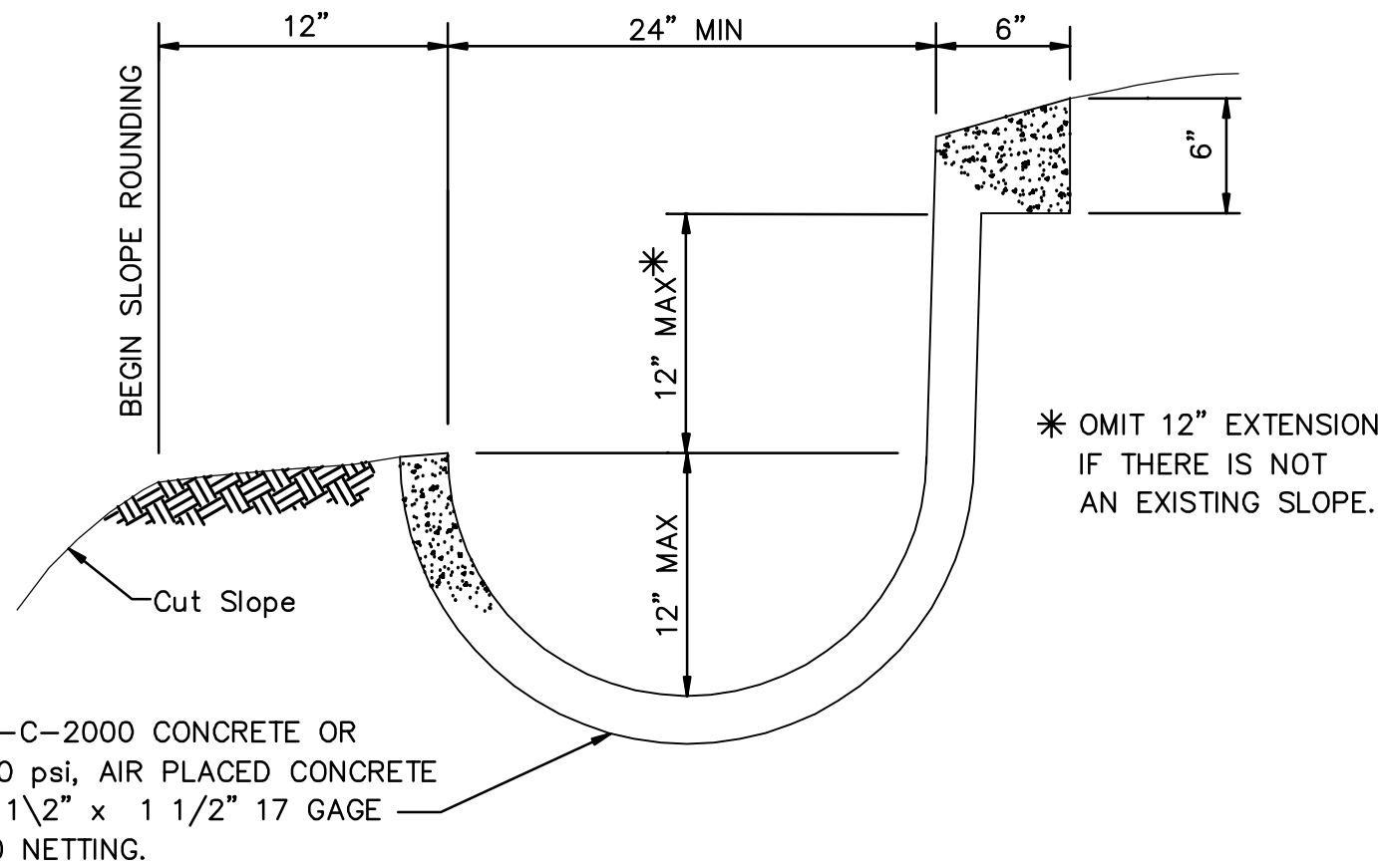
NTS



RIPRAP ENERGY DISSIPATOR

NTS

2/3



BROW AND/OR DRAINAGE DITCH

NTS

3/3

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, CALIFORNIA

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

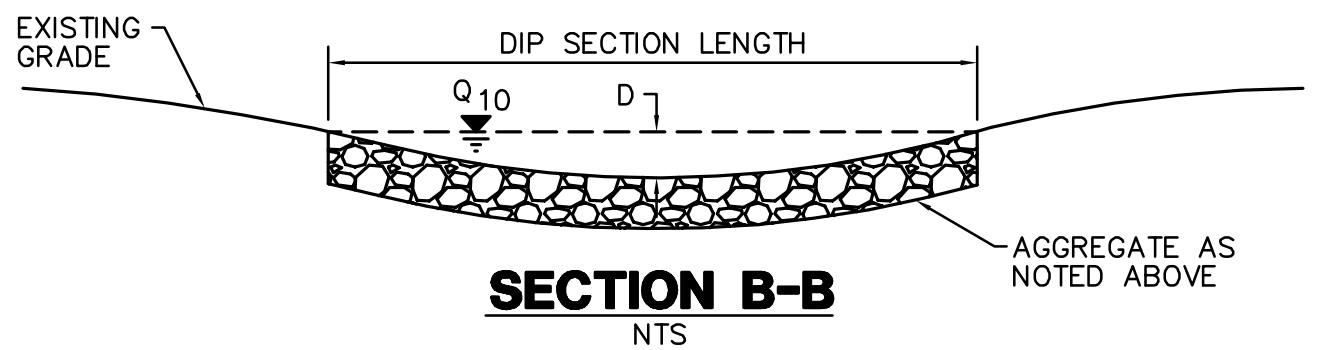
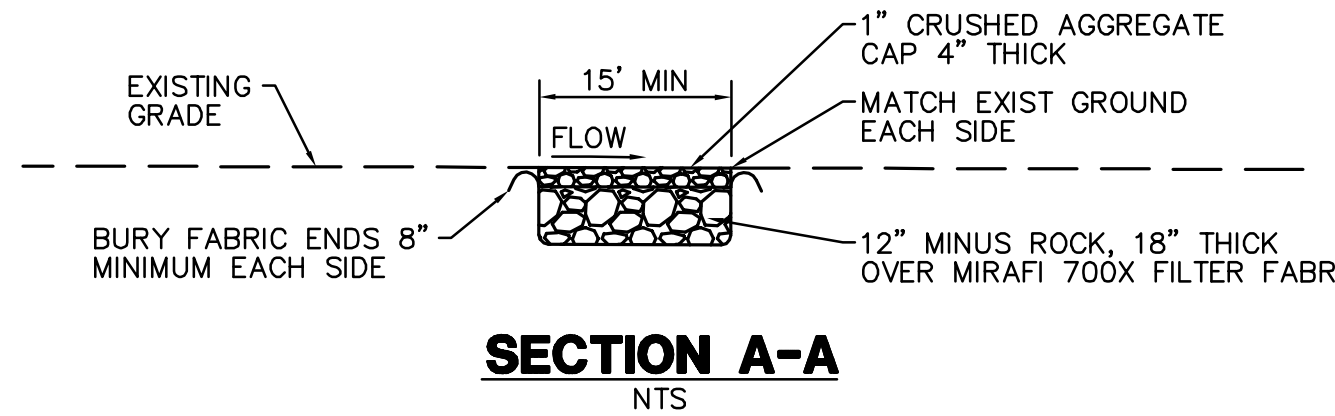
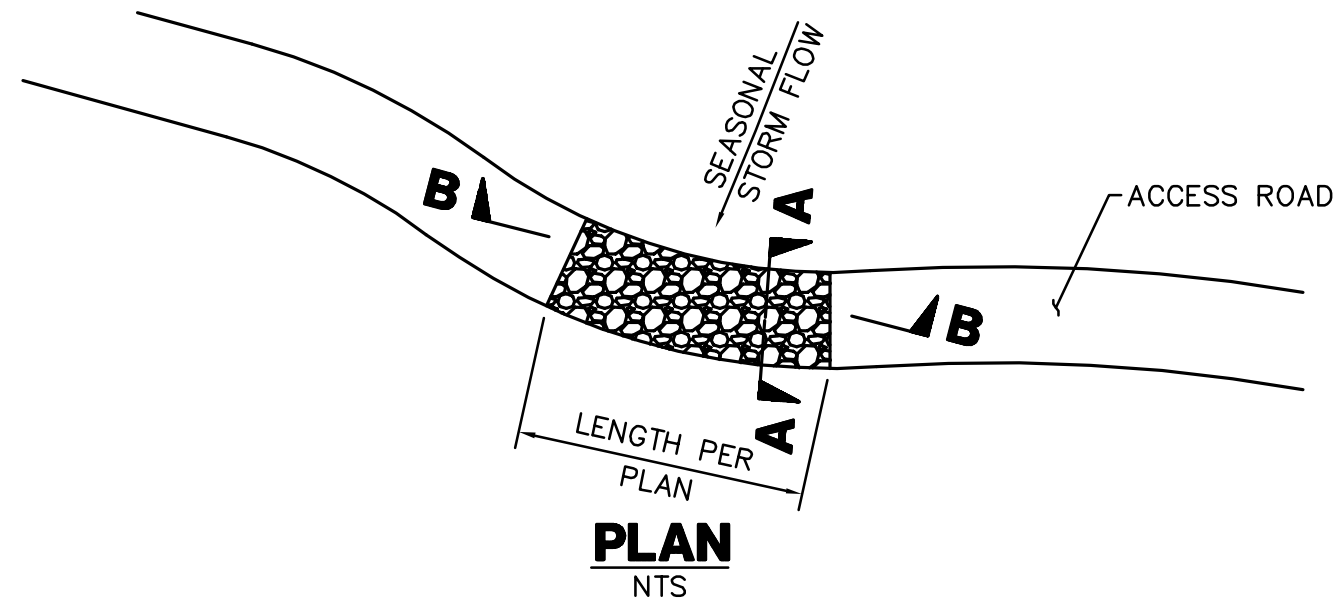
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SPL-09B-003



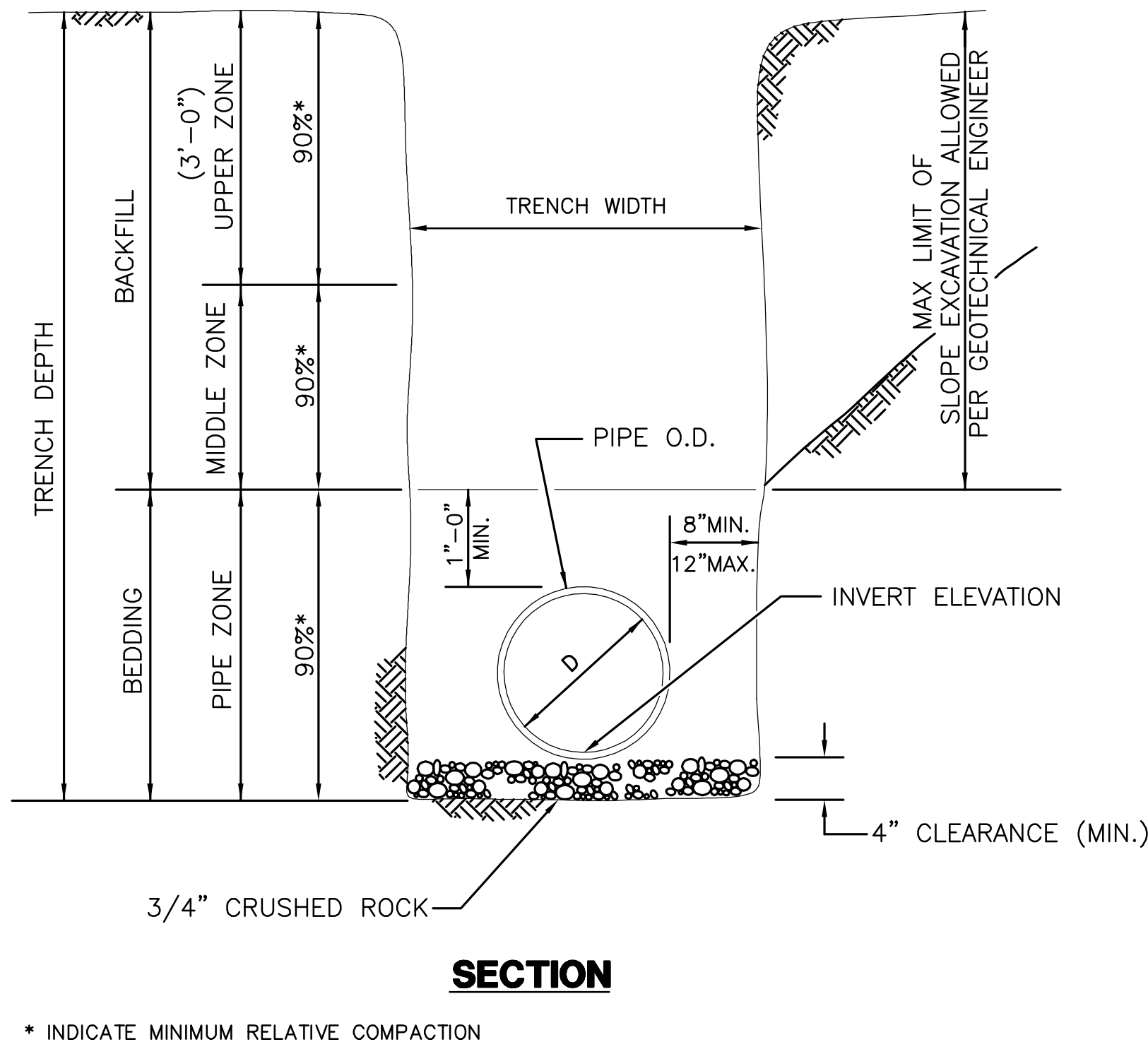
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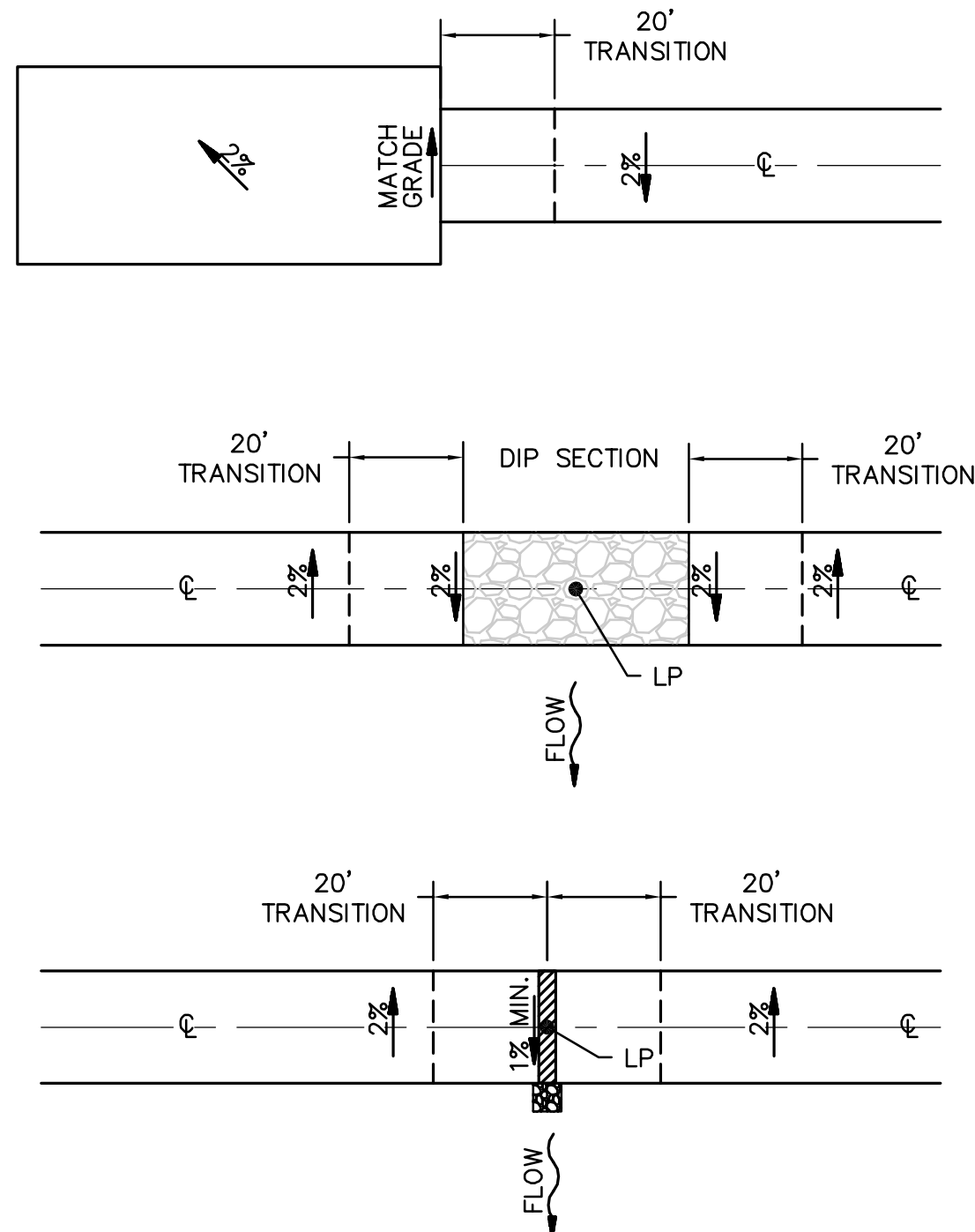
1. THE MAXIMUM WATER DEPTH, BASED ON A 10 YEAR FREQUENCY STORM, SHALL BE 10". THE DEPTH (D) IN FEET MULTIPLIED BY THE VELOCITY (V) IN FEET PER SECOND SHALL BE EQUAL TO SIX OR LESS. (DXV=6)
2. EXCAVATION AND DISPOSAL OF EXISTING MATERIALS IS TO BE INCLUDED IN CONSTRUCTION OF THE DIP SECTION.

DIP SECTION 4/4 NTS

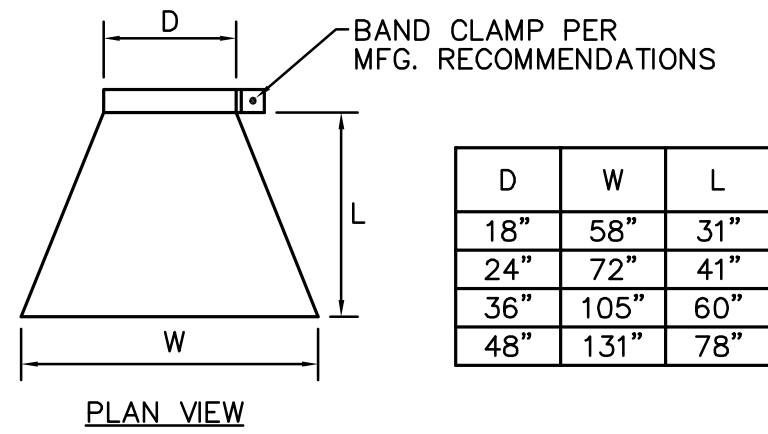
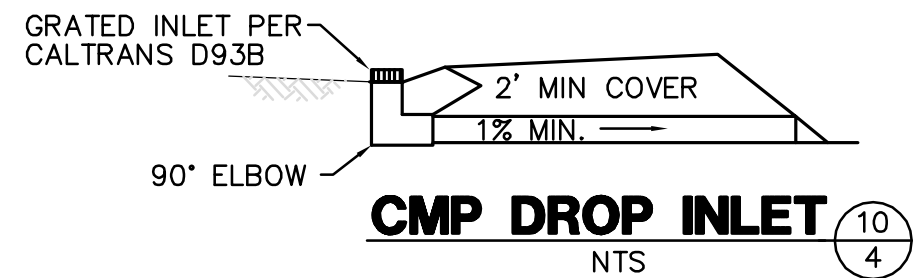


* INDICATE MINIMUM RELATIVE COMPACTION

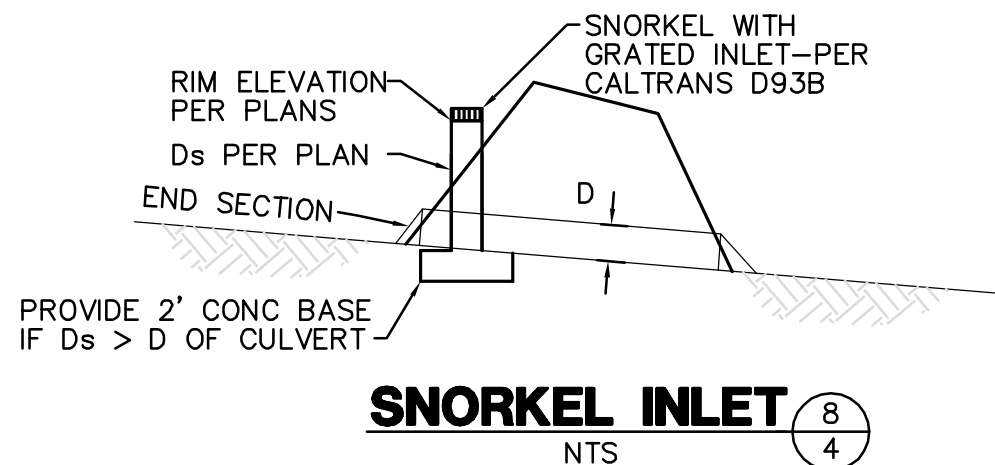
PIPE BEDDING AND TRENCH BACKFILL FOR STORM DRAINS 6/4 NTS



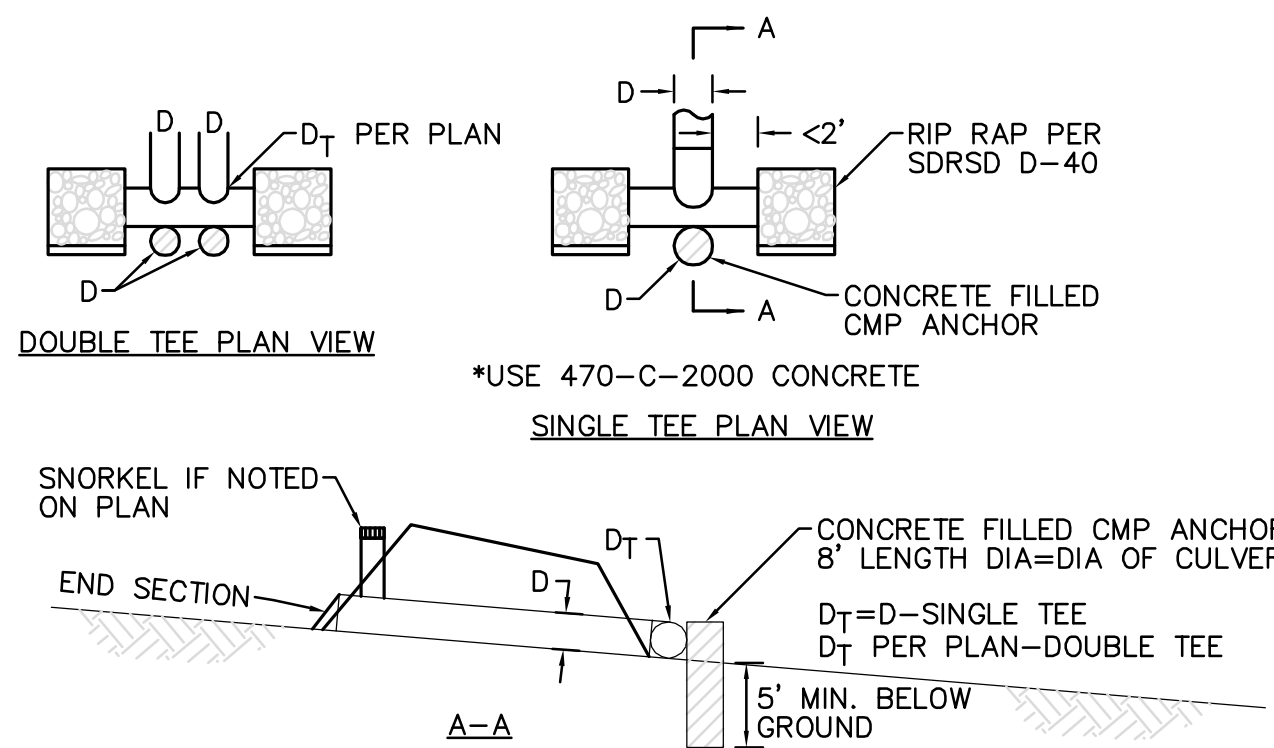
TYPICAL GRADE TRANSITIONS NTS



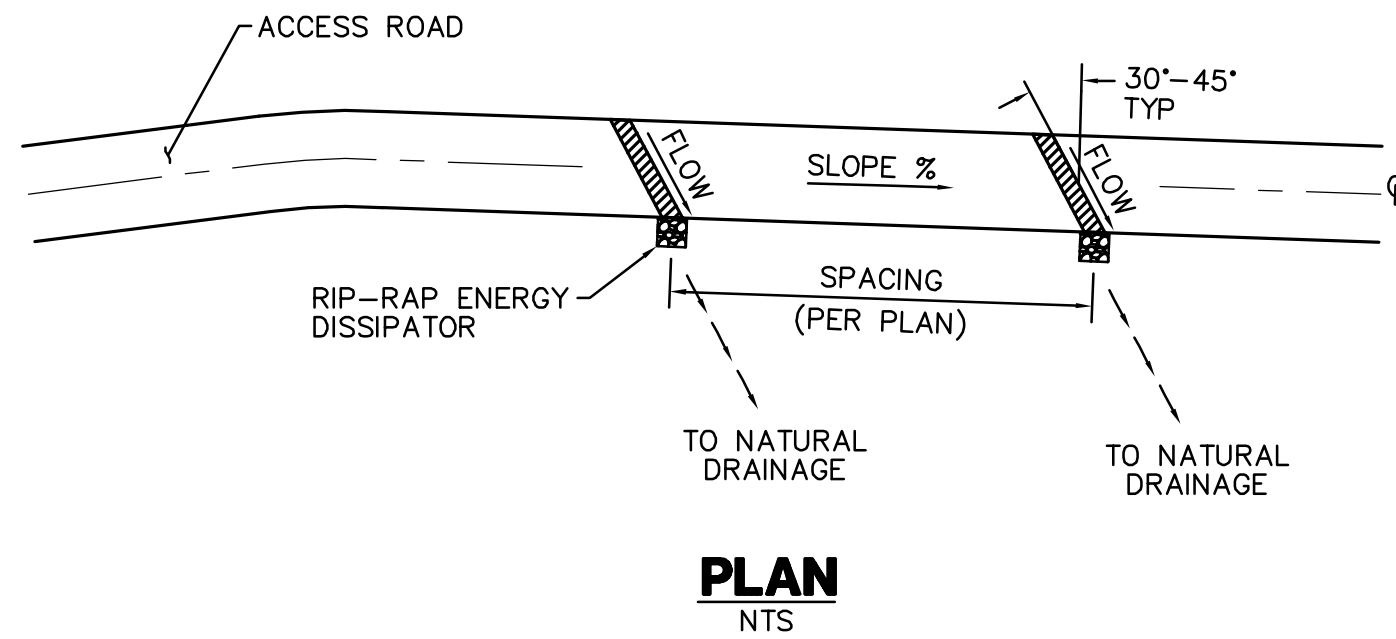
CULVERT END SECTION INLET AND/OR OUTLET NTS



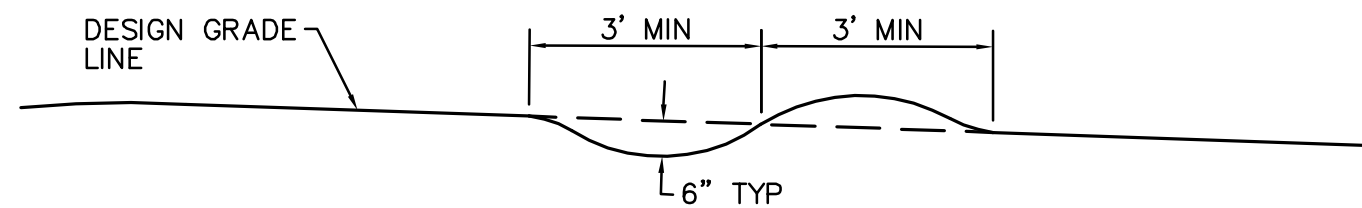
SNORKEL INLET 8/4 NTS



TEE OUTLET 9/4 NTS



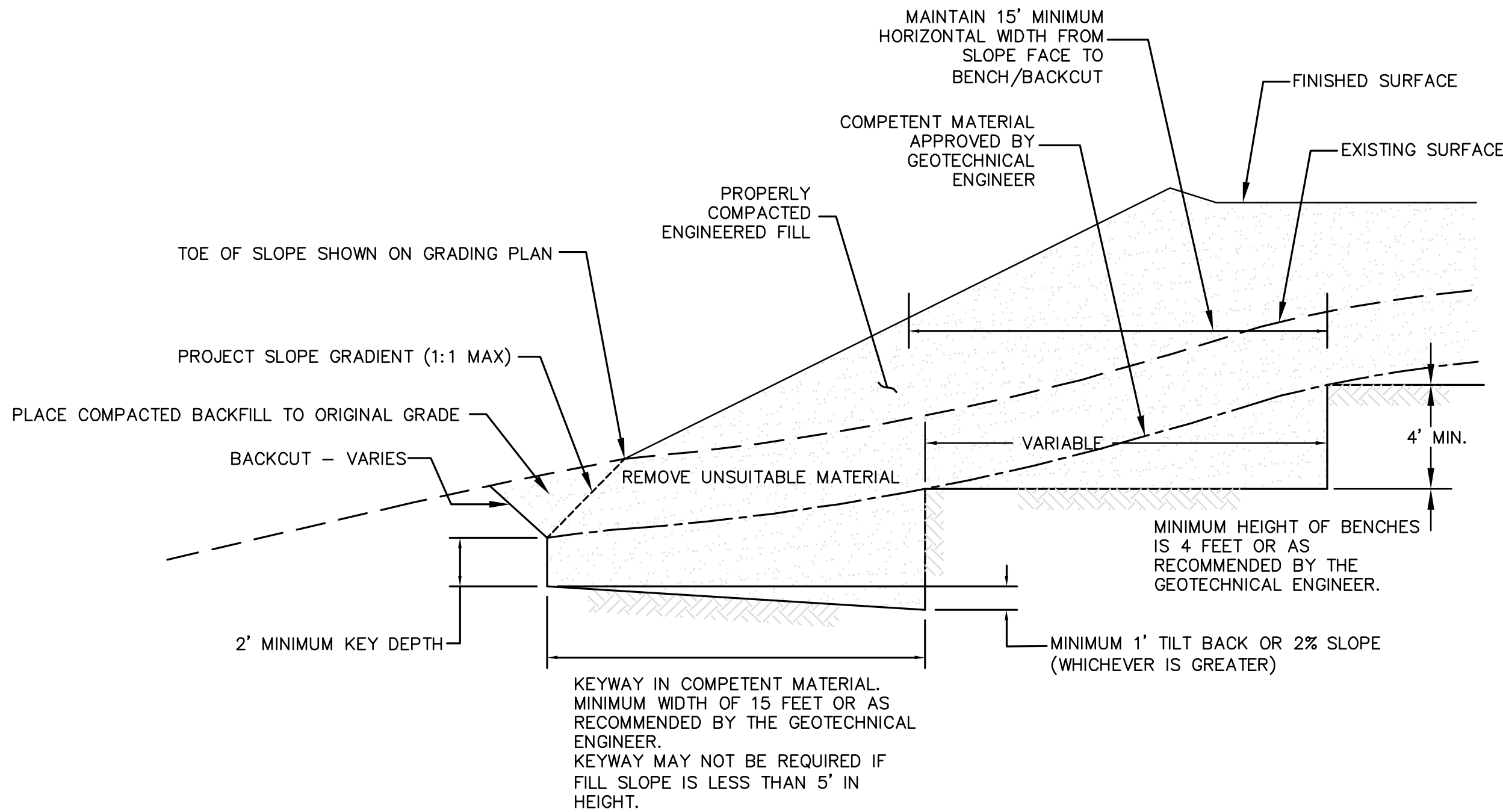
PLAN NTS



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

TYPICAL SECTION NTS

WATER BAR 5/4 NTS



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

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-09B (LINK 1)
DETAIL SHEET 2 OF 2

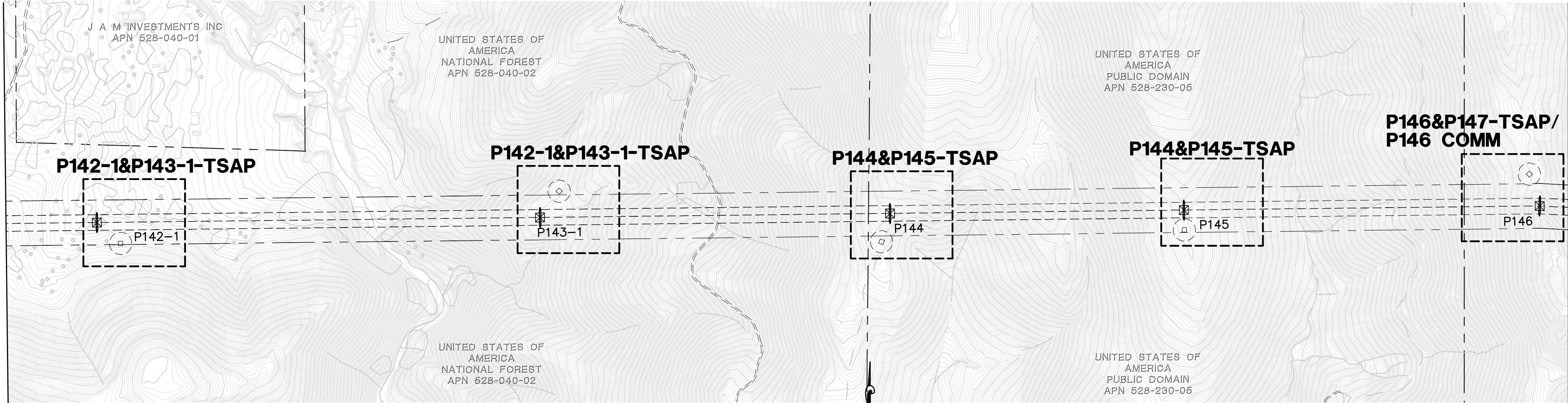
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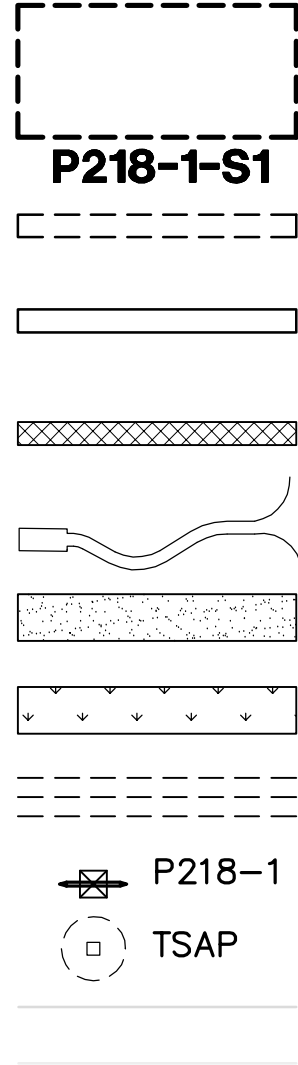
P:\16919 SD&E SPL\CADD\09B\dwg\plans\09B-KEY-P170-P215.dwg[Mo, 25-2010]026

MATCH LINE SEE ABOVE RIGHT

MATCH LINE SEE SECTION 9A PLANS
BEGIN SECTION 9B



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

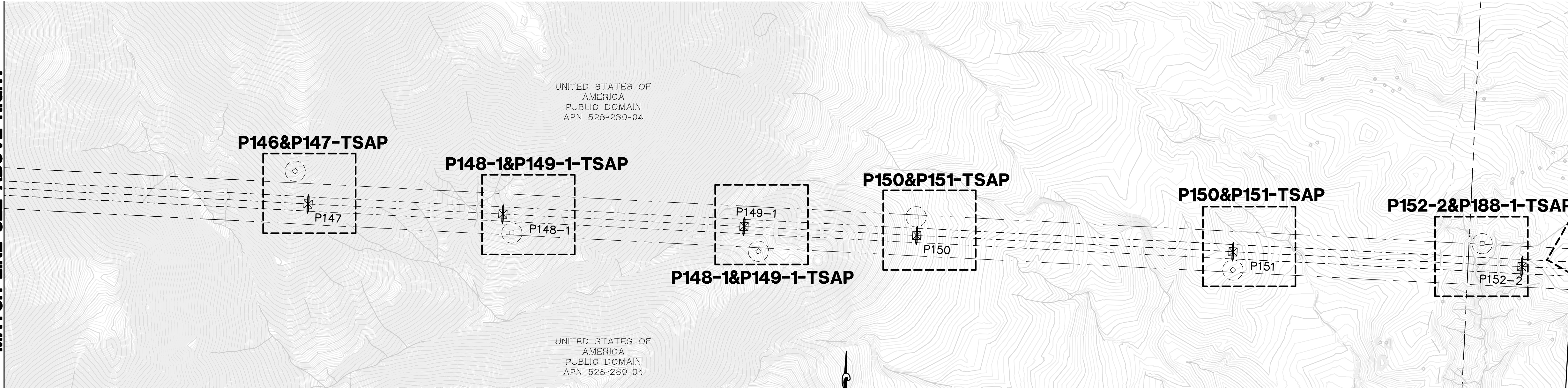
PROPOSED LATTICE TOWER AND TOWER #

PROPOSED TOWER STAGING / ACCESS PAD

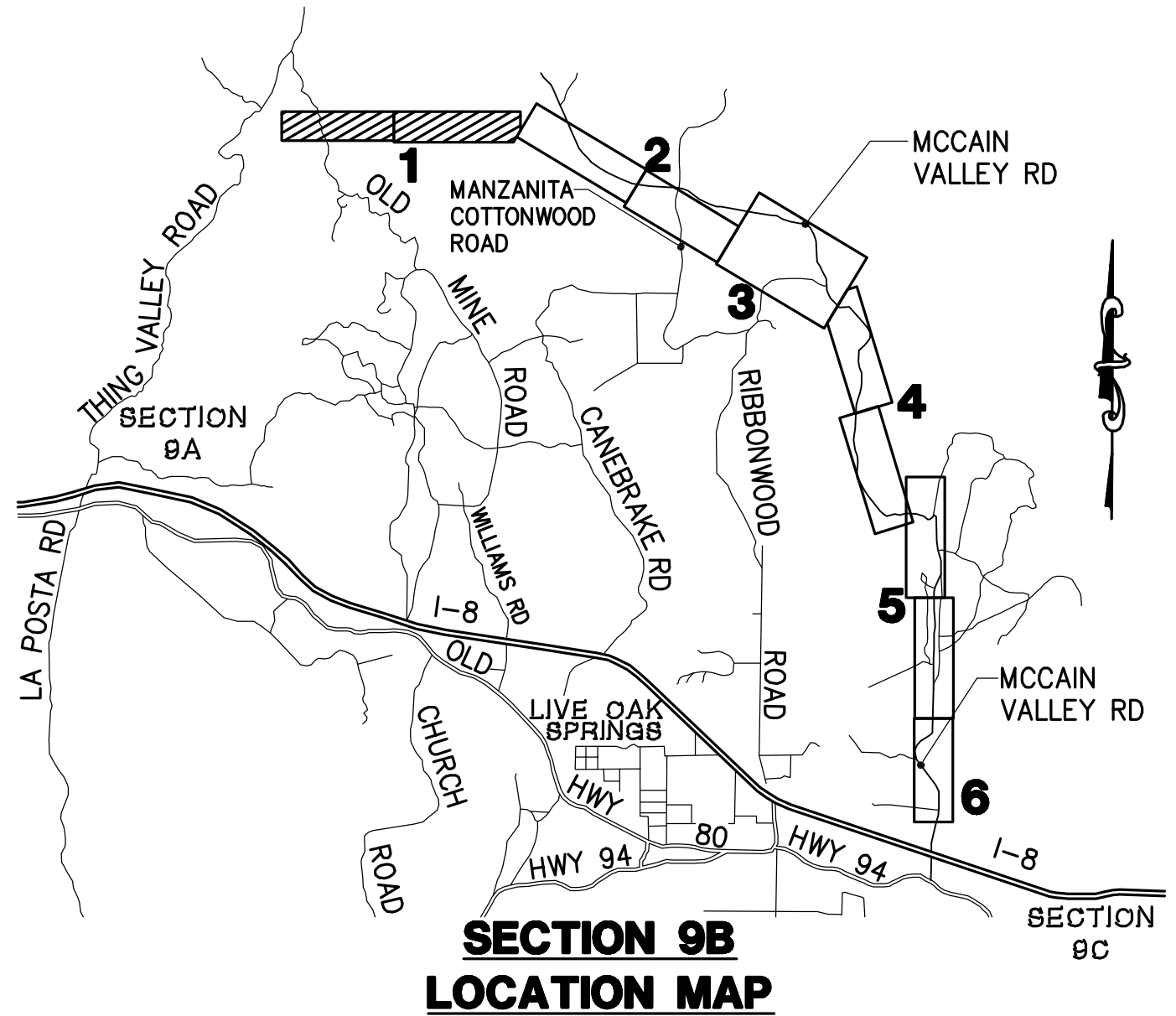
EXISTING 10' CONTOURS

EXISTING 2' CONTOURS

MATCH LINE SEE BELOW LEFT



MATCH LINE SEE SHEET
09B-P170-P180-KEY02



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-9B (LINK 1)

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP

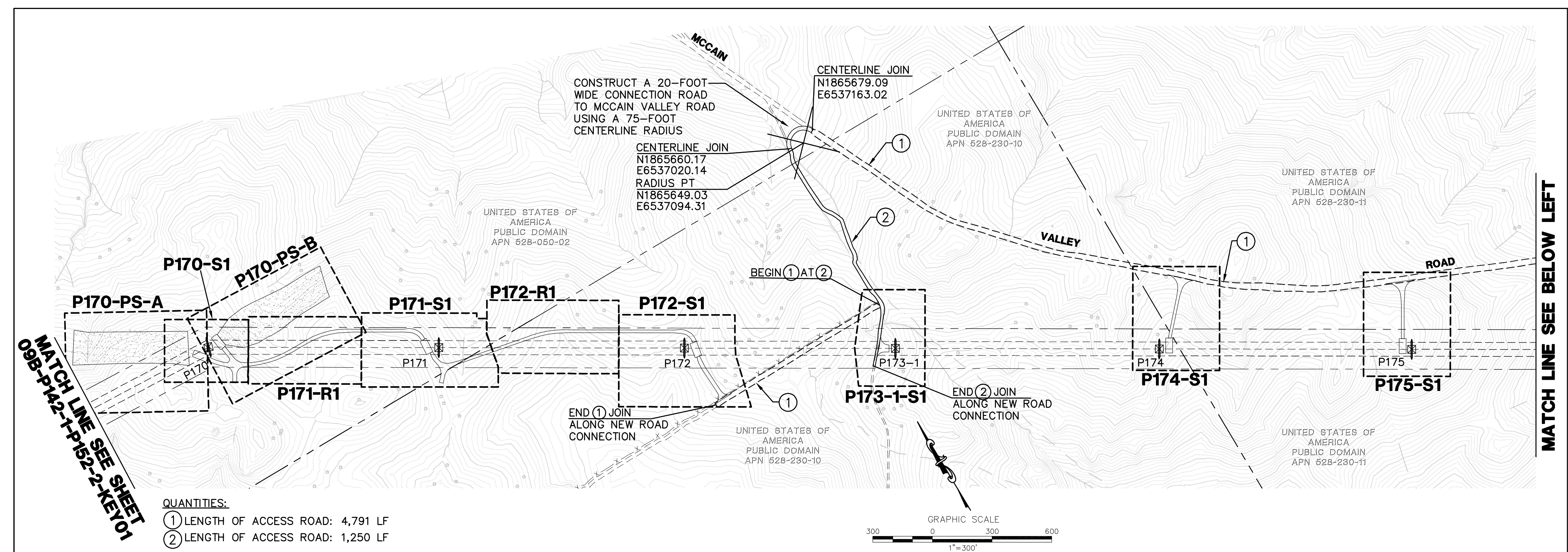
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE:	1 = 1		

09B-P142-1-P152-2-KEY01



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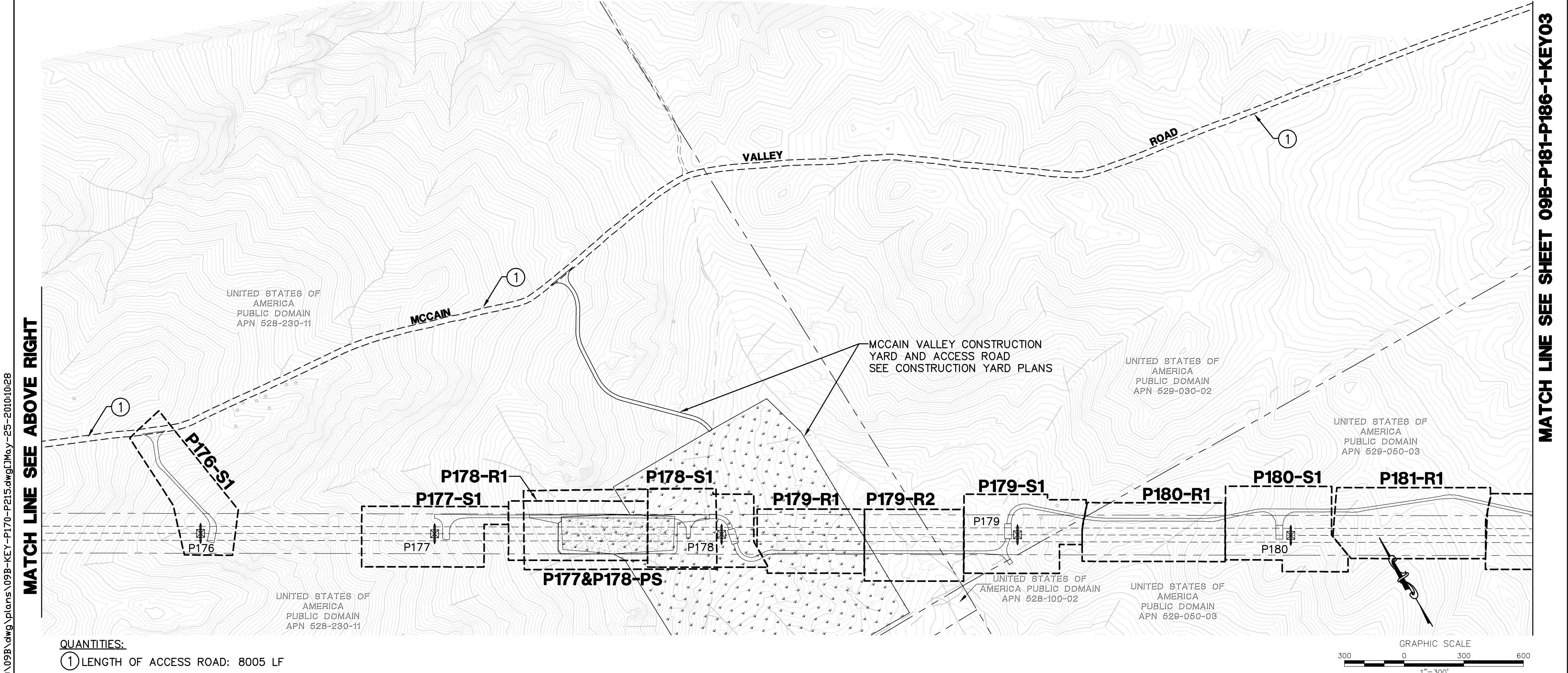
- QUANTITIES:
- ① LENGTH OF ACCESS ROAD: 4,791 LF
 - ② LENGTH OF ACCESS ROAD: 1,250 LF

LEGEND

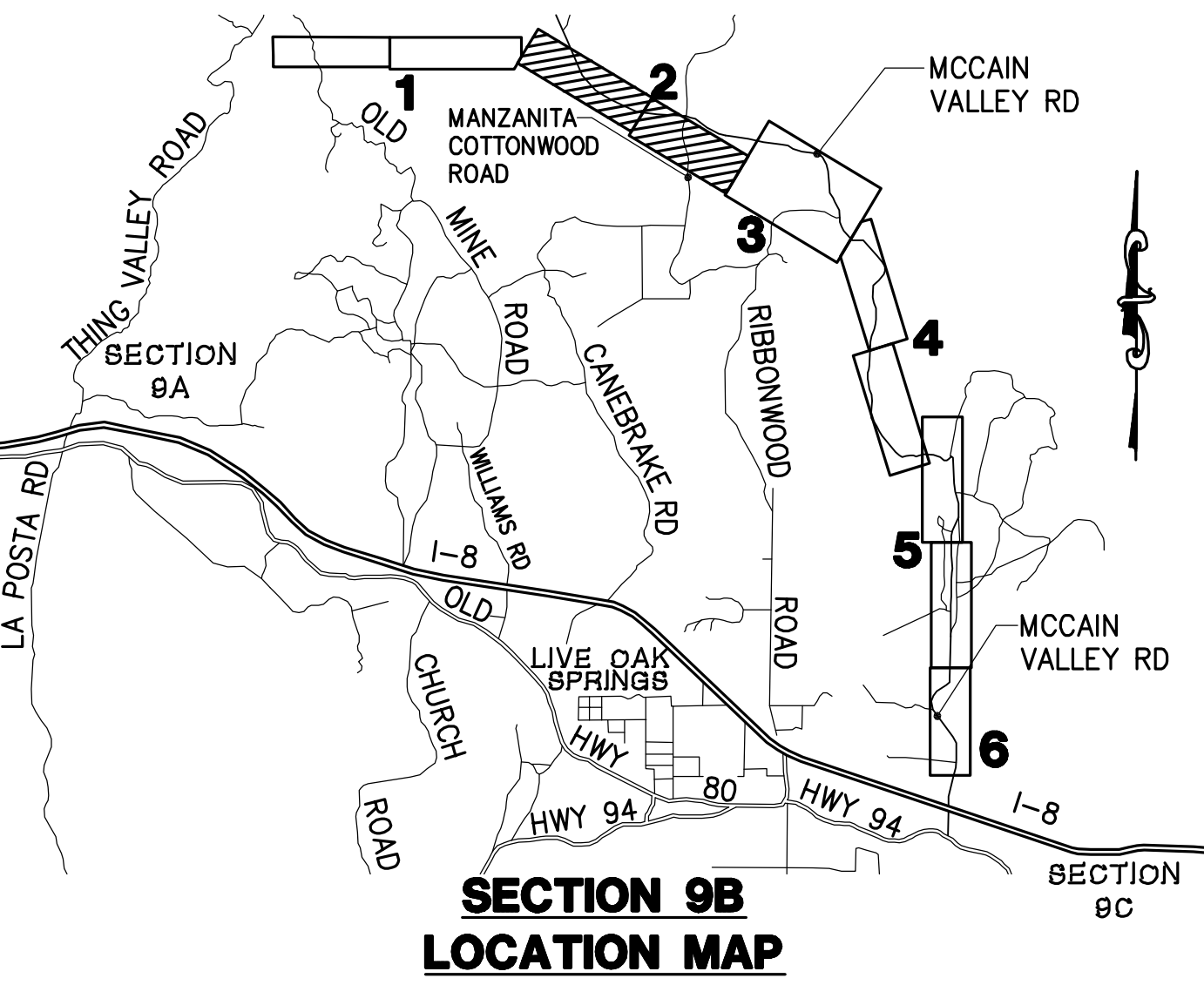
- P218-1
- MINOR ROAD MAINTENANCE - SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS - SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS - SEE SHEET AS INDICATED
- SITE IMPROVEMENTS - SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS - SEE SHEET AS INDICATED
- CONSTRUCTION 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

CONSTRUCTION NOTES

- ① GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.
- ② IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.



- QUANTITIES:
- ① LENGTH OF ACCESS ROAD: 8005 LF



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-9B (LINK 1)

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.:	REV. 0
CHECKED BY:	DATE:	09B-P170-P180-KEY02		
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1" = 1'			

PA16919 SDG&E SPL\CADD\09B.dwg\plans\09B-KEY-P170-P181.dwg\Mo-25-20101028

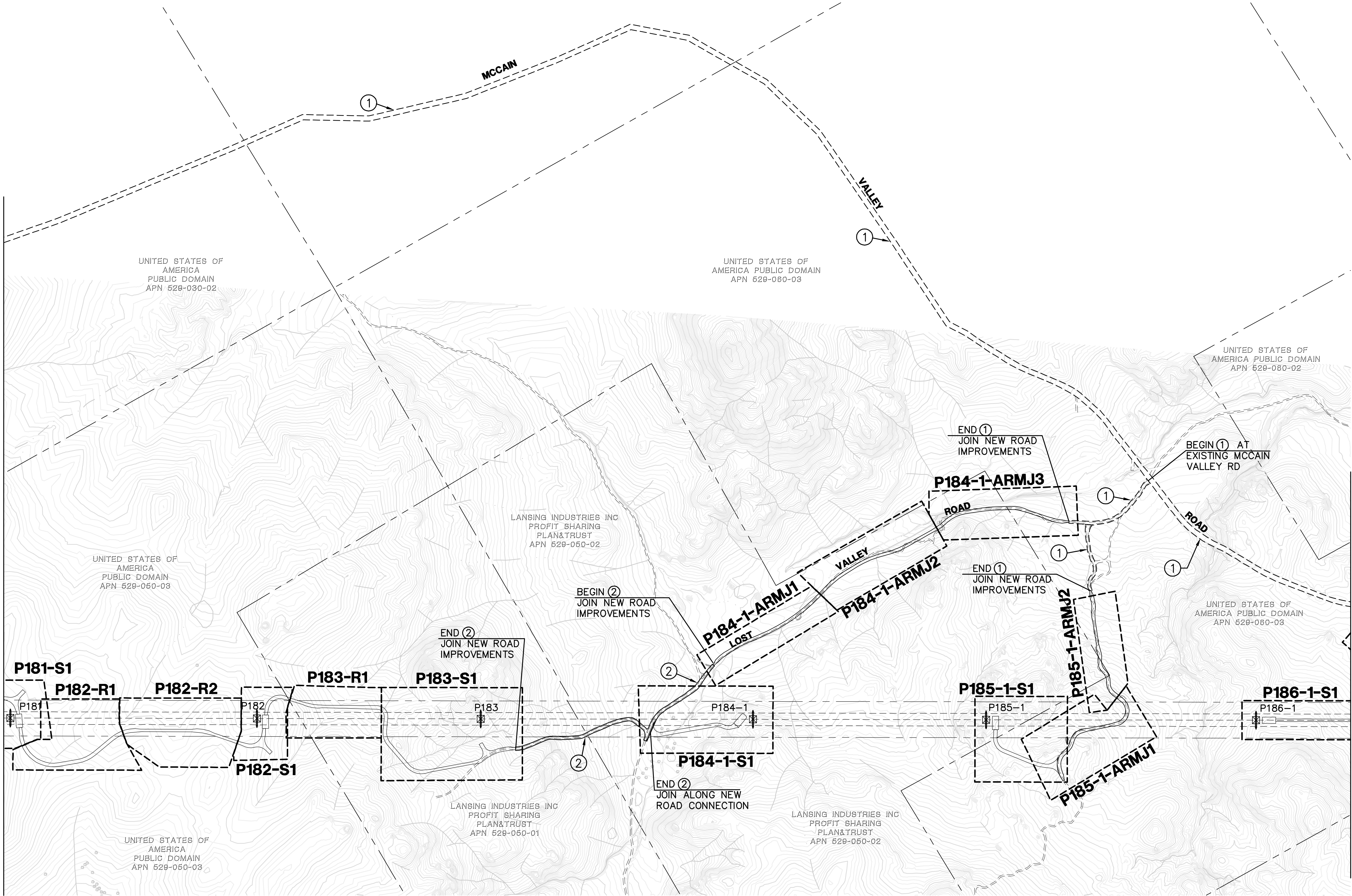


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P:\161919 SD&E SPL\CADD\09B.dwg\plans\09B-KEY-P170-P215.dwg[Mo, 25-2010]10:29

MATCH LINE SEE SHEET 09B-P170-P180-KEY02



QUANTITIES:

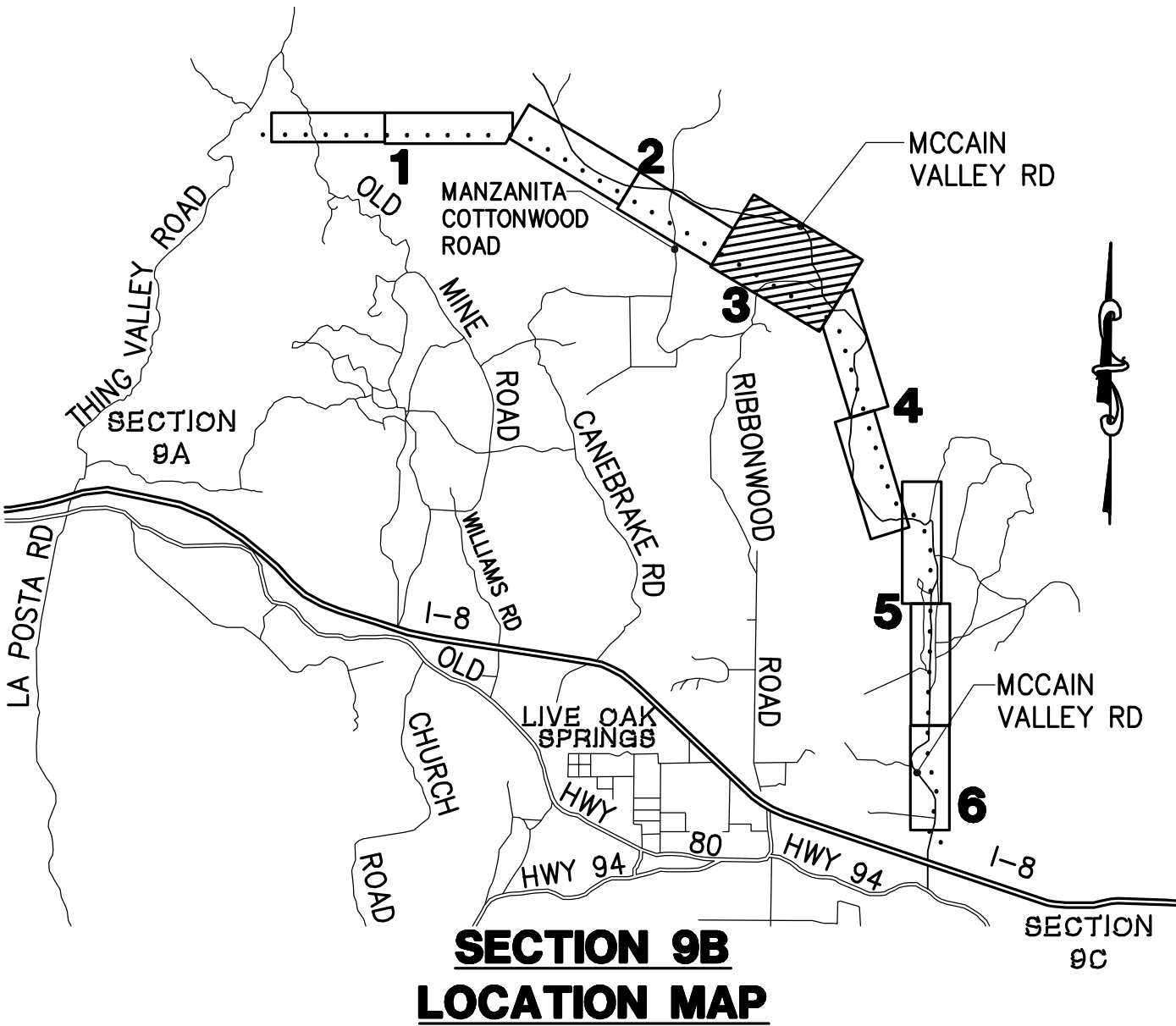
- ① LENGTH OF ACCESS ROAD: 9975 LF
② LENGTH OF ACCESS ROAD: 1377 LF

LEGEND

- P218-1-S1**
- MINOR ROAD MAINTENANCE — SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS — SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS — SEE SHEET AS INDICATED
- SITE IMPROVEMENTS — SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS — SEE SHEET AS INDICATED
- CONSTRUCTION YARD IMPROVEMENTS — SEE CONSTRUCTION YARD PLANS
- PROPOSED TRANSMISSION LINES
- PROPOSED LATTICE TOWER AND TOWER #
- PROPOSED TOWER STAGING / ACCESS PAD
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

- ① GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.
- ② IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.



MATCH LINE SEE SHEET 09B-P187-2-P196-1-KEY04

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-9B (LINK 1)

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP

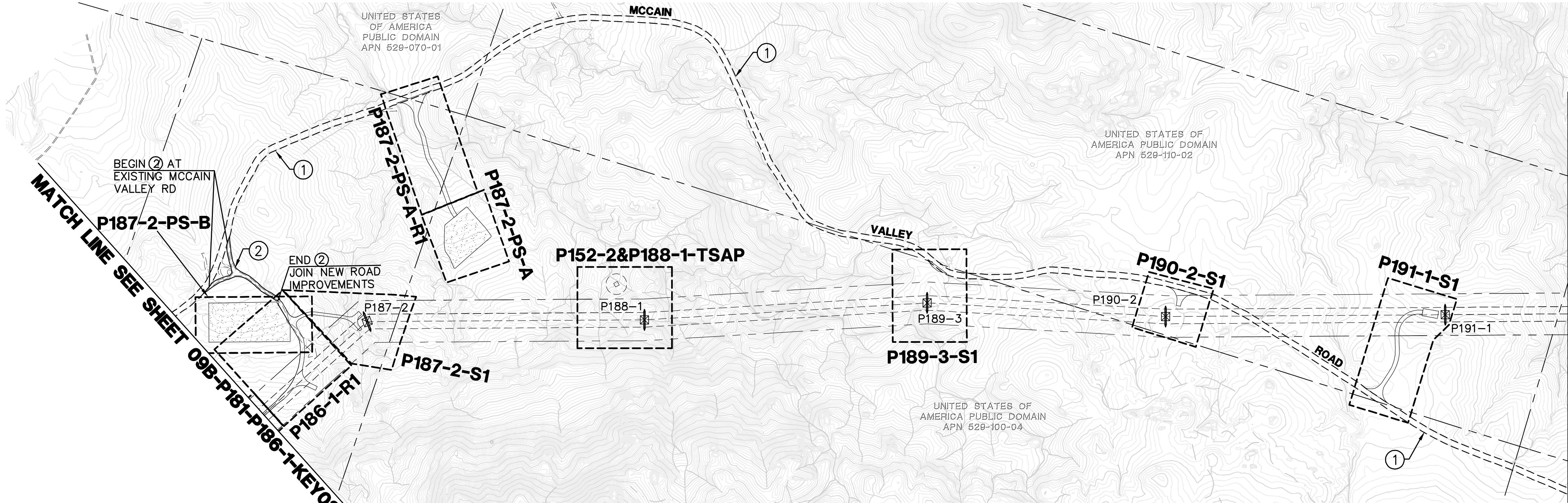
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLLOT SCALE: 1 = 1			

09B-P181-P186-1-KEY03



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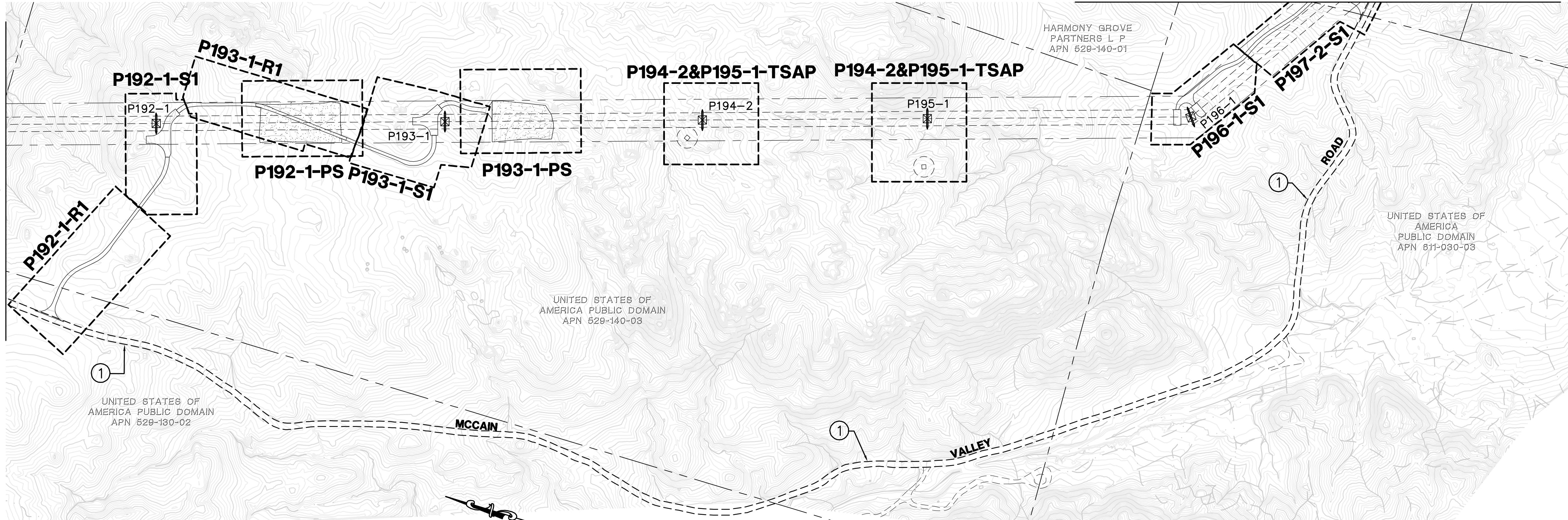
- QUANTITIES:
- ① LENGTH OF ACCESS ROAD: 8,184 LF
 - ② LENGTH OF ACCESS ROAD: 640 LF

LEGEND

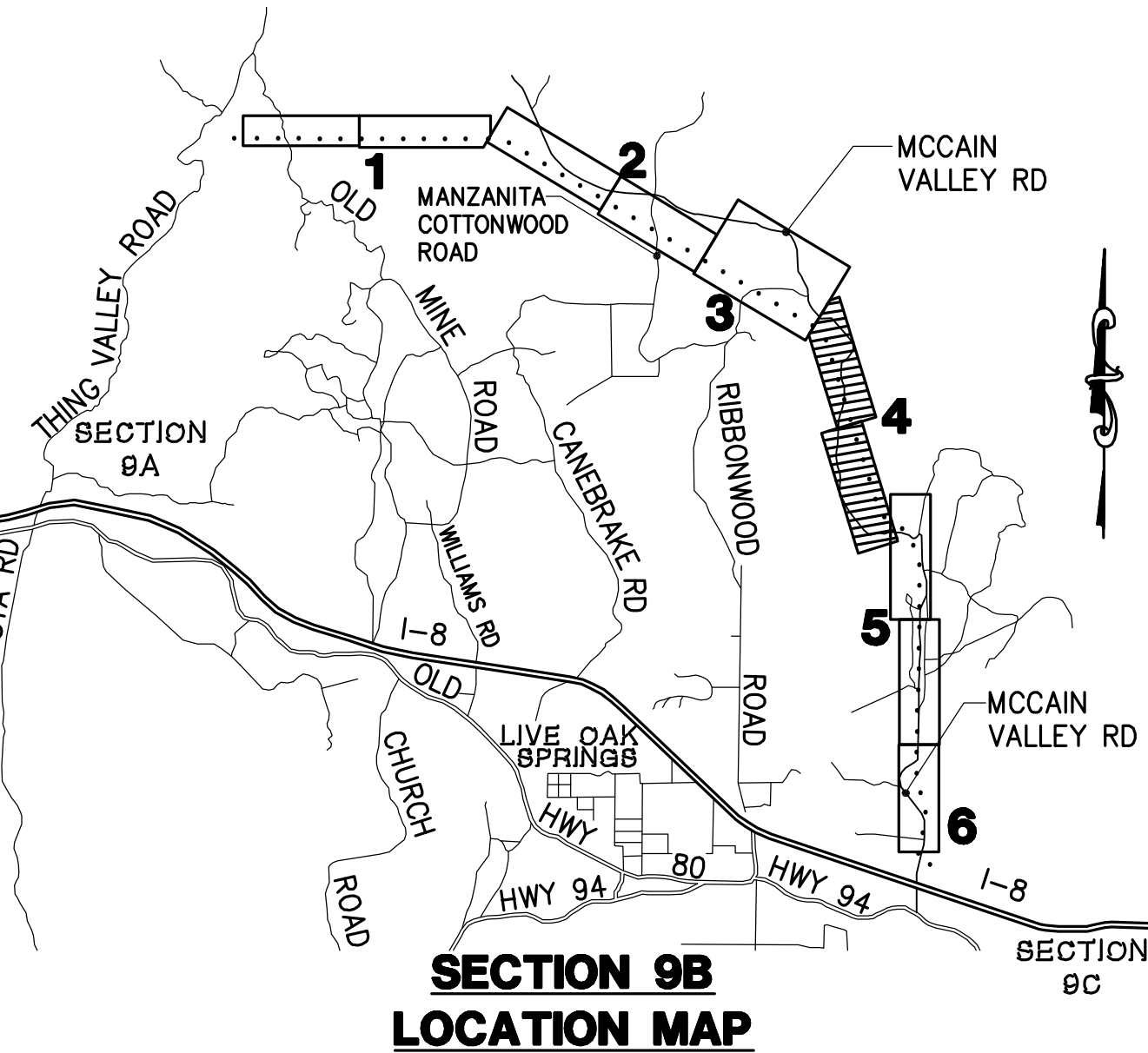
- P218-1-S1**
- MINOR ROAD MAINTENANCE – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MINOR ROAD IMPROVEMENTS – SEE PLAN AND CONSTRUCTION NOTES HEREON
- MAJOR ROAD IMPROVEMENTS – SEE SHEET AS INDICATED
- SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- PULL SITE IMPROVEMENTS – SEE SHEET AS INDICATED
- CONSTRUCTION YARD IMPROVEMENTS – SEE CONSTRUCTION YARD PLANS
- PROPOSED TRANSMISSION LINES
- P218-1
- TSAP
- PROPOSED LATTICE TOWER AND TOWER #
- PROPOSED TOWER STAGING / ACCESS PAD
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS

CONSTRUCTION NOTES

- ① GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.
- ② IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.



- QUANTITIES:
- ① LENGTH OF ACCESS ROAD: 8,286 LF



REVISIONS

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

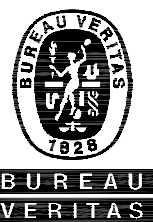
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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP

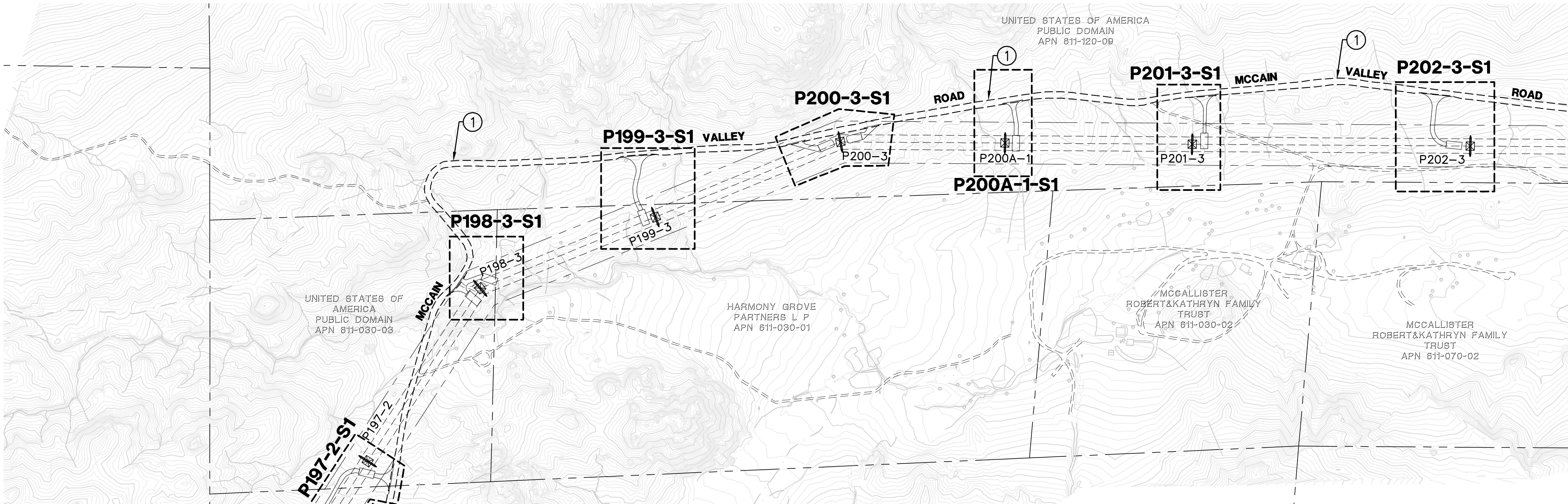
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:		PLOT SCALE: 1 = 1		

09B-P187-2-P196-1-KEY04



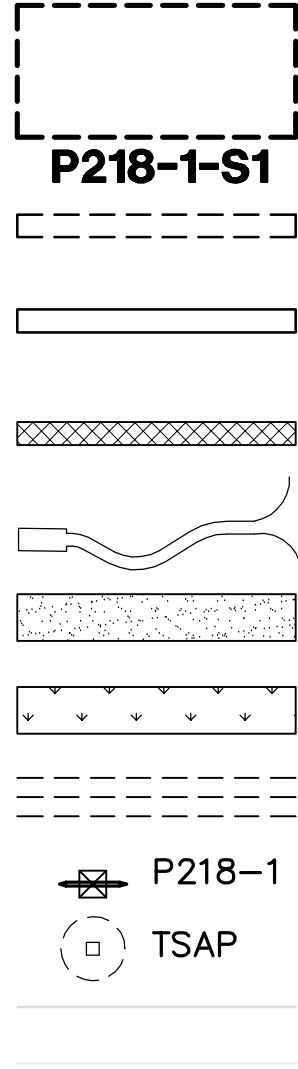
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MATCH LINE SEE BELOW LEFT

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

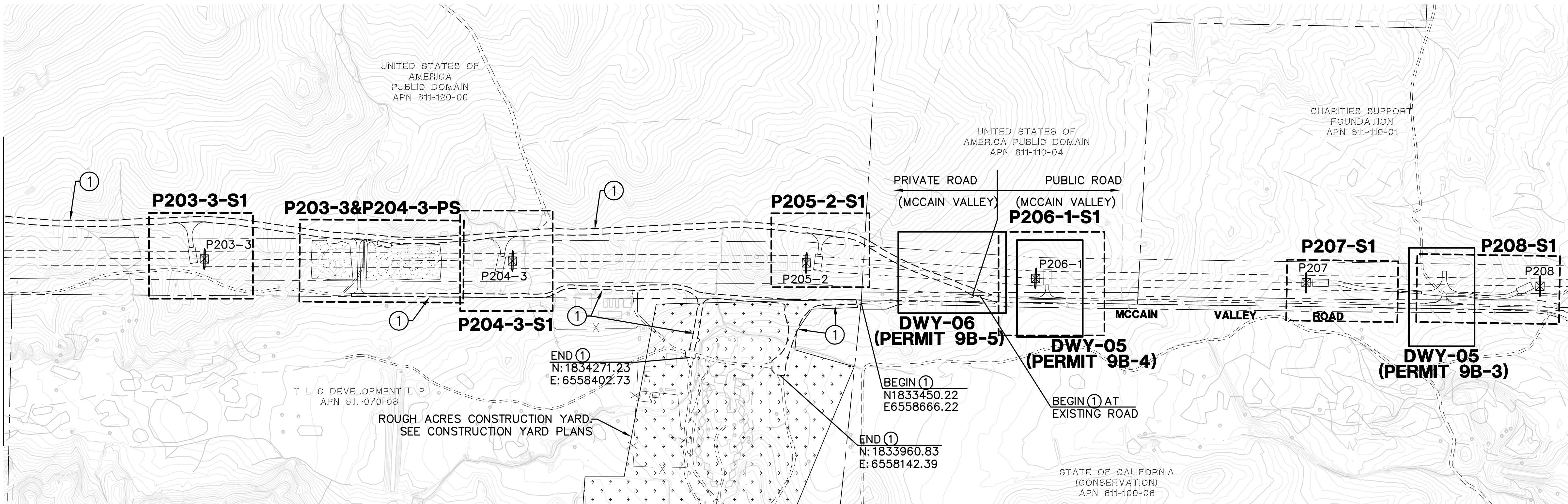
EXISTING 2' CONTOURS

CONSTRUCTION NOTES

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

QUANTITIES:

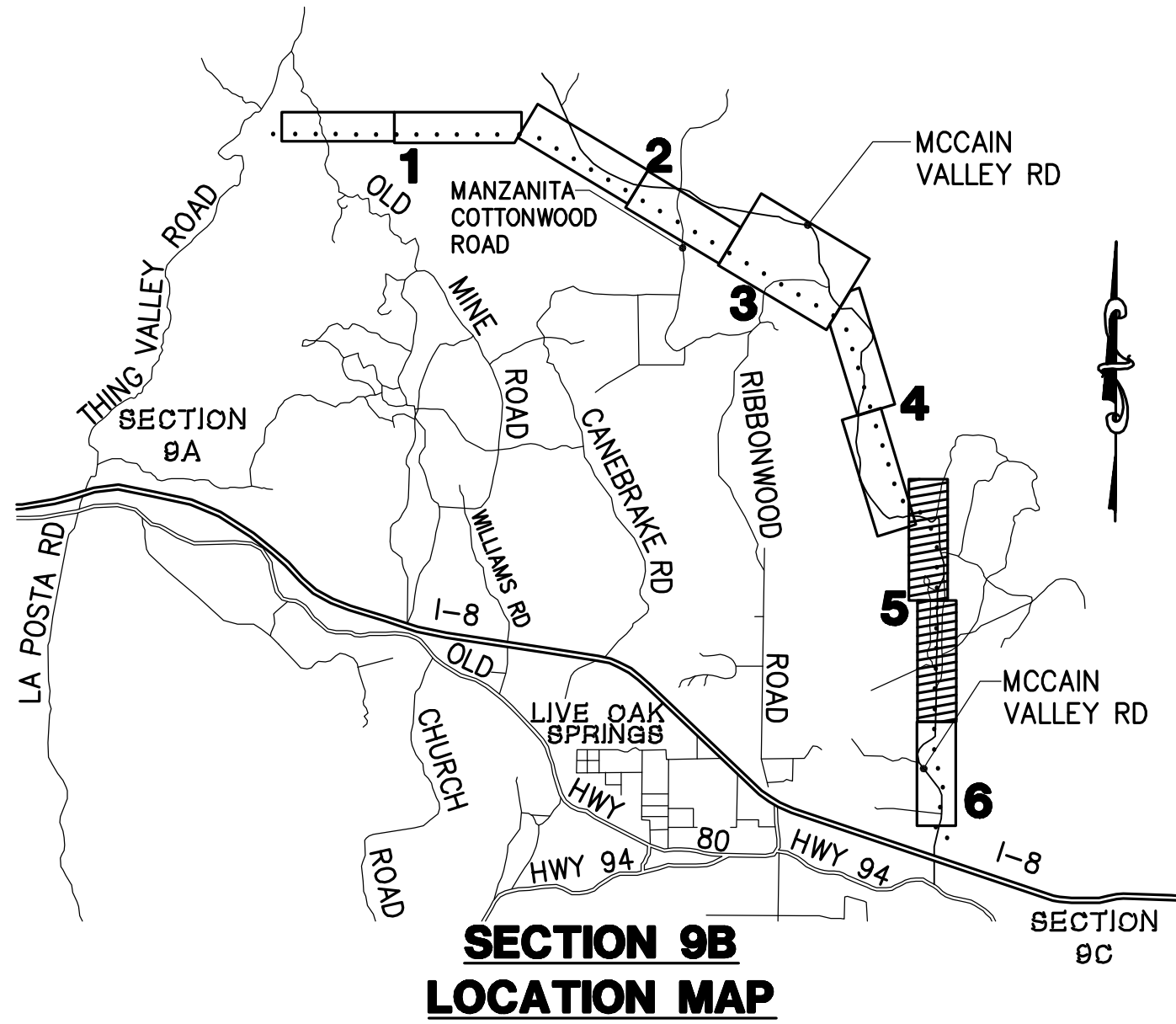
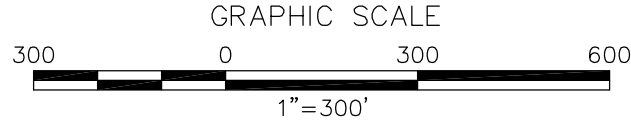
① LENGTH OF ACCESS ROAD: 7,075 LF



MATCH LINE SEE SHEET 09B-P209-1-P214-KEY06

QUANTITIES:

① LENGTH OF ACCESS ROAD: 8,002 LF



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-9B (LINK 1)

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP

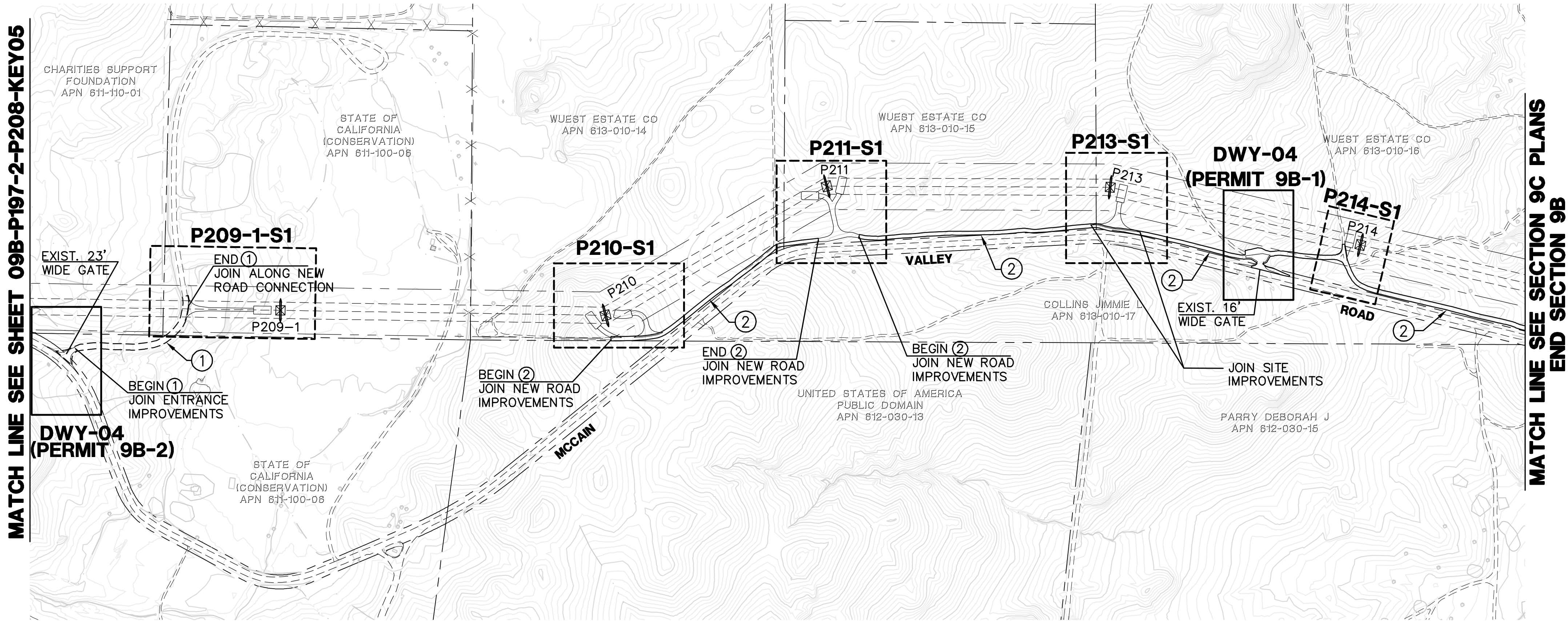
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CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P197-2-P208-KEY05

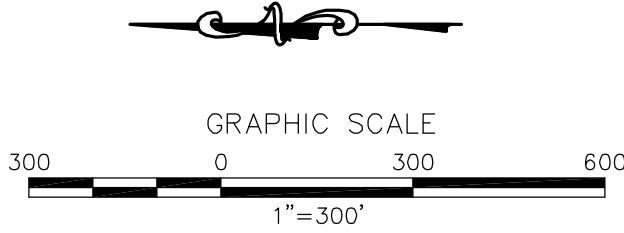


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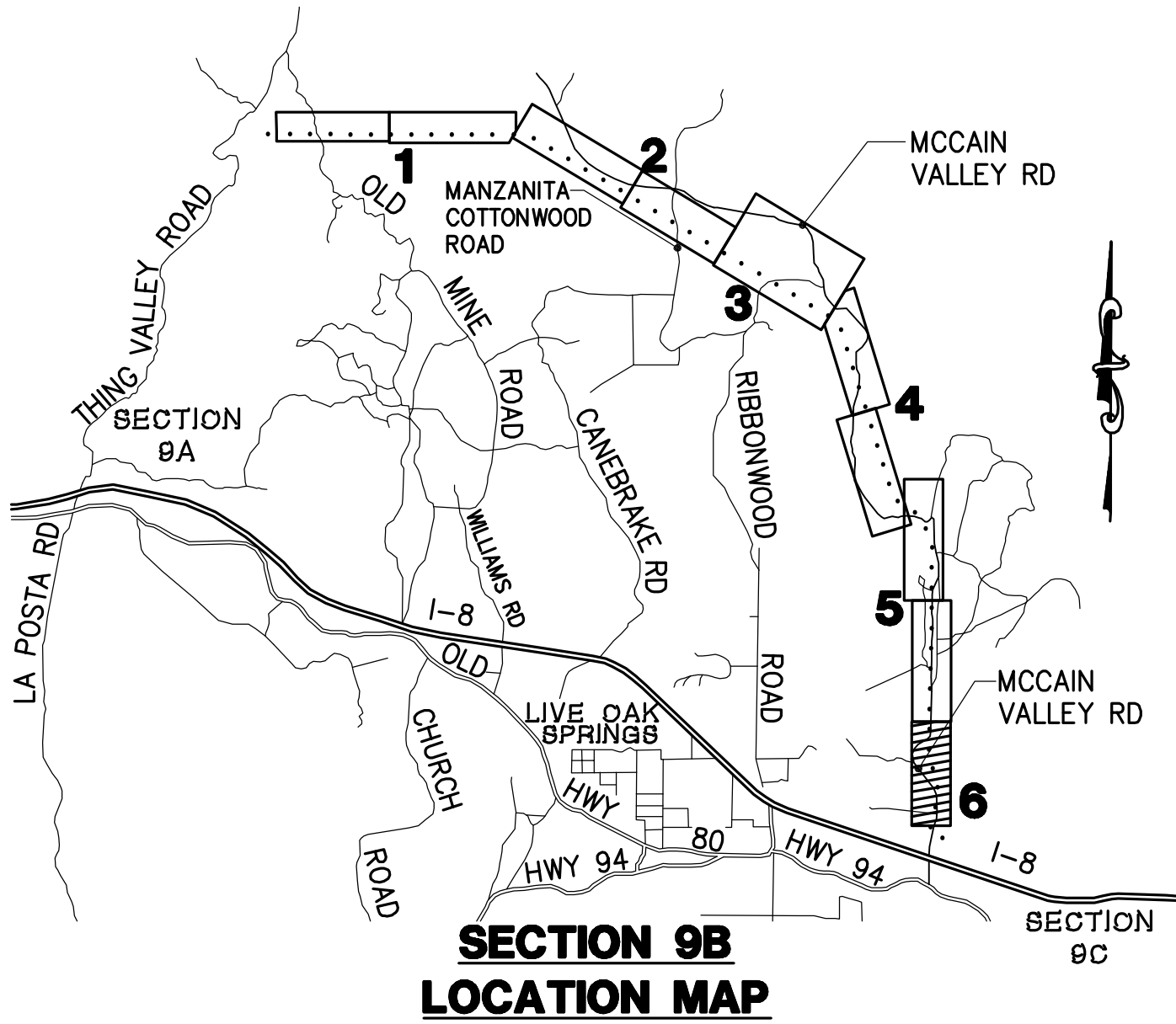


- QUANTITIES:
- ① LENGTH OF ACCESS ROAD: 618 LF
 - ② LENGTH OF ACCESS ROAD: 3,995 LF



- LEGEND**
- P218-1-S1**
 - MINOR ROAD MAINTENANCE — SEE PLAN AND CONSTRUCTION NOTES HEREON
 - MINOR ROAD IMPROVEMENTS — SEE PLAN AND CONSTRUCTION NOTES HEREON
 - MAJOR ROAD IMPROVEMENTS — SEE SHEET AS INDICATED
 - SITE IMPROVEMENTS — SEE SHEET AS INDICATED
 - PULL SITE IMPROVEMENTS — SEE SHEET AS INDICATED
 - CONSTRUCTION YARD IMPROVEMENTS — SEE CONSTRUCTION YARD PLANS
 - PROPOSED TRANSMISSION LINES
 - P218-1
 - TSAP
 - EXISTING 10' CONTOURS
 - EXISTING 2' CONTOURS

- CONSTRUCTION NOTES**
- ① GRADE EXISTING ROAD TO BE SMOOTH AND UNIFORM. REMOVE ANY RIDGES AND FILL IN RUTS. EXCESS MATERIAL SHALL BE PLACED IN ROADWAY OR REMOVED FROM SITE. DO NOT BLOCK EXISTING DRAINAGE OUTLETS. REBUILD EXISTING WATER BARS.
 - ② IN ADDITION TO CONSTRUCTION NOTE #1, WIDEN ROAD TO 12' MINIMUM WIDTH, MAXIMUM CROSS SLOPE = 8%. CLEAR AND GRUB EXISTING BRUSH AS NECESSARY. ALL OTHER REQUIREMENTS FROM NOTE #1 SHALL APPLY.



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-9B (LINK 1)

OFF-SITE ROAD IMPROVEMENTS + SITE IMPROVEMENT KEY MAP

DRAWN BY: DZ	DATE:	SCALE: 1" = 300'	W.O.	REV. 0
CHECKED BY:	DATE:	09B-P209-1-P214-KEY06		
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1 = 1			

P:\16919 SD&E SPL\CADD\09B.dwg\plans\09B-key-P170-P215.dwg[Mo-y-25-2010]032



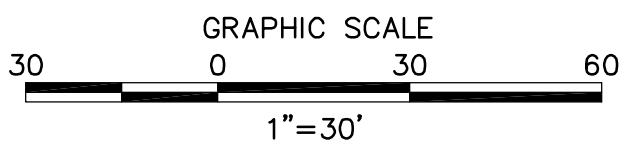
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ACCESS ROAD TO TOWER P-184-1 PLAN

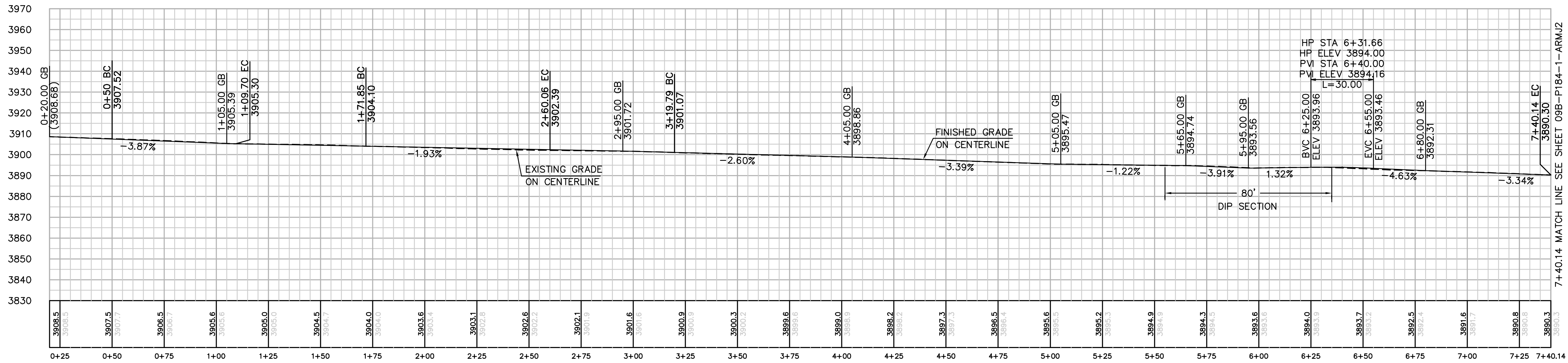
SCALE: 1" = 30'



EARTH QUANTITIES: DISTURBED AREA: QUANTITIES:
CUT: 42 CY. ROAD: 12,434 SF
FILL: 73 CY. DIP SECTION: 1,280 SF
NET: 31 CY.
DIP SECTION EXPORT: 87 CY LENGTH OF ACCESS ROAD: 720 LF

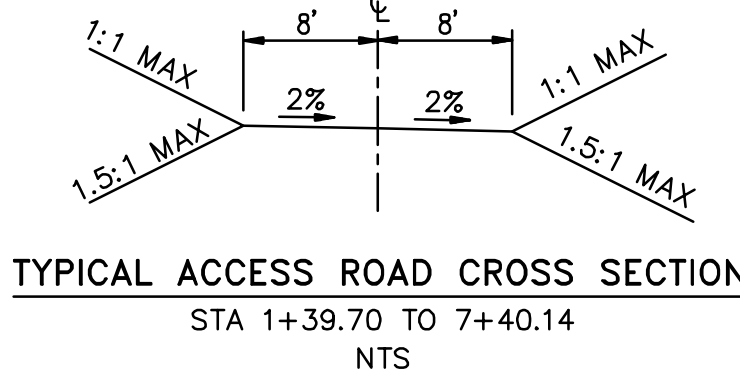
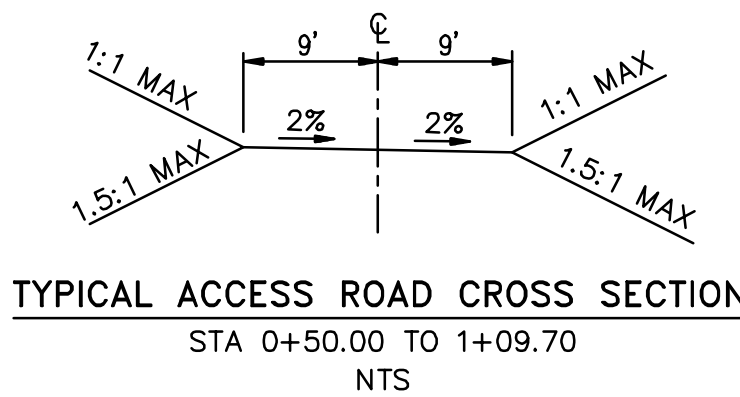
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L13		30.00	N71°34'38"E
C13	200.00	59.70	17°06'06"
L14		62.15	N88°40'44"E
C14	508.00	88.22	9°56'58"
L15		59.73	S81°22'17"E
C15	1000.00	420.35	24°05'03"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1857210.07	6549675.88	(3908.73)	EG
2	1857207.79	6549676.63	(3908.68)	CL/EG
3	1857204.97	6549677.57	(3908.62)	EG
4	1857225.81	6549702.25	3907.70	BC
5	1857217.27	6549705.10	3907.52	CL/BC
6	1857208.73	6549707.94	3907.34	BC
7	1857236.46	6549763.48	3905.48	EC
8	1857227.46	6549763.69	3905.30	CL/EC
9	1857218.47	6549763.90	3905.12	EC
10	1857236.15	6549793.50	3904.88	FG
11	1857220.16	6549793.87	3904.56	FG
12	1857236.89	6549825.64	3904.26	BC
13	1857228.90	6549825.83	3904.10	CL/BC
14	1857220.90	6549826.01	3903.94	BC
15	1857231.19	6549914.95	3902.55	EC
16	1857223.28	6549913.75	3902.39	CL/EC
17	1857215.37	6549912.55	3902.23	EC
18	1857222.23	6549974.00	3901.23	BC
19	1857214.32	6549972.80	3901.07	CL/BC
20	1857206.41	6549971.60	3900.91	BC
80	1857246.88	6550387.19	3890.46	EC
81	1857239.17	6550389.32	3890.30	CL/EC
82	1857231.46	6550391.45	3890.14	EC



PROFILE: ACCESS ROAD TO TOWER P-184-1

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



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-9B (LINK 1)

DETAILED OFF-SITE ROAD IMPROVEMENTS

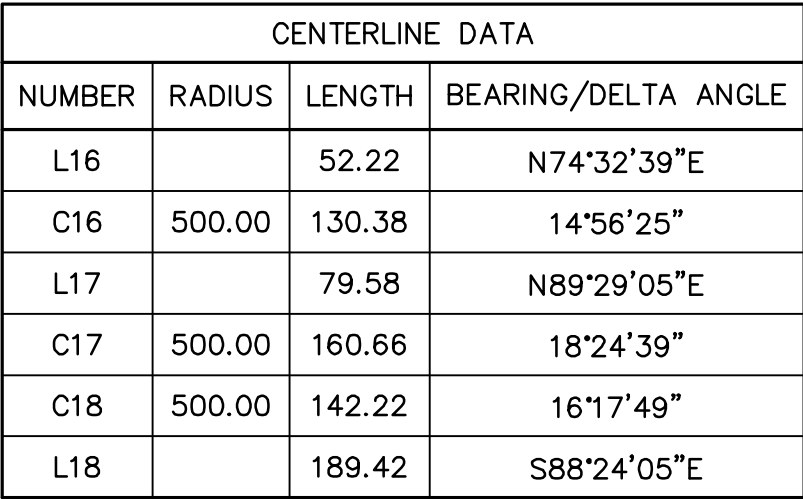
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1" = 1'			

09B-P184-1-ARMJ1

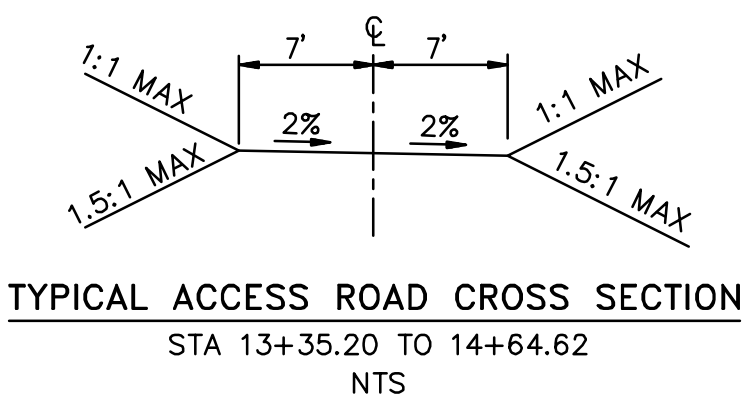
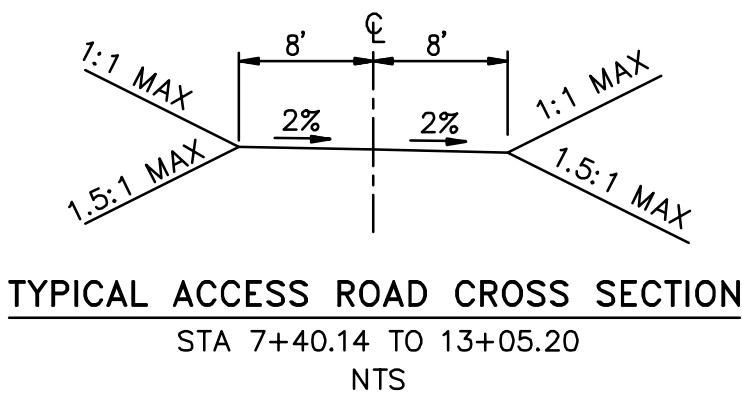


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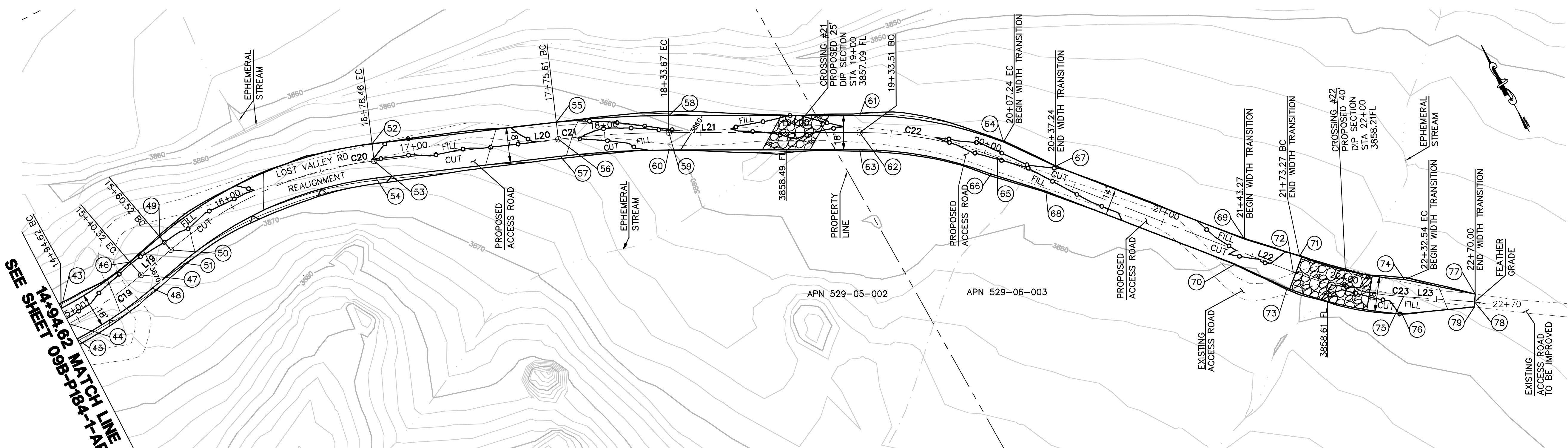
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1857246.88	6550387.19	3890.46	EC
22	1857239.17	6550389.32	3890.30	CL/EC
23	1857231.46	6550391.45	3890.14	EC
24	1857260.79	6550437.52	3889.26	BC
25	1857253.08	6550439.65	3889.10	CL/BC
26	1857245.37	6550441.78	3888.94	BC
27	1857279.14	6550568.33	3885.93	EC
28	1857271.14	6550568.40	3885.77	CL/EC
29	1857263.14	6550568.47	3885.61	EC
30	1857279.86	6550647.91	3884.11	BC
31	1857271.86	6550647.98	3883.95	CL/BC
32	1857263.86	6550648.05	3883.79	BC
33	1857255.30	6550808.58	3881.35	PRC
34	1857247.69	6550806.12	3881.19	CL/PRC
35	1857240.08	6550803.66	3881.03	PRC
36	1857231.69	6550946.04	3876.86	EC
37	1857223.69	6550945.81	3876.70	CL/EC
38	1857215.70	6550945.59	3876.54	EC
39	1857229.85	6550976.00	3876.25	FG
40	1857215.86	6550975.61	3875.97	FG
41	1857226.24	6551105.36	3873.49	FG
42	1857212.25	6551104.97	3873.21	FG
83	1857227.41	6551135.41	3873.29	BC
84	1857218.41	6551135.16	3873.11	CL/BC
85	1857209.41	6551134.90	3872.93	BC



R E V I S I O N S														SAN DIEGO GAS & ELECTRIC COMPANY SAN DIEGO, CALIFORNIA				
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	SPL-9B (LINK 1) DETAILED OFF-SITE ROAD IMPROVEMENTS			
															DRAWN BY: LJ DATE: SCALE: NONE W.D. REV. 0			
															CHECKED BY: DATE: 09B-P184-1-ARMJ2			
															APPROVED BY: DATE: PLOT SCALE: 1 = 1			
															CAD NO.: PLOT SCALE: 1 = 1			

\\P161919 SD&E SPL\CADD\09B\dwg\plans\09B-MAJ-P184-1-3.dwg[May-25-2010]054

SEE SHEET 09B-P184-1-ARMJ2
14+94.62 MATCH LINE



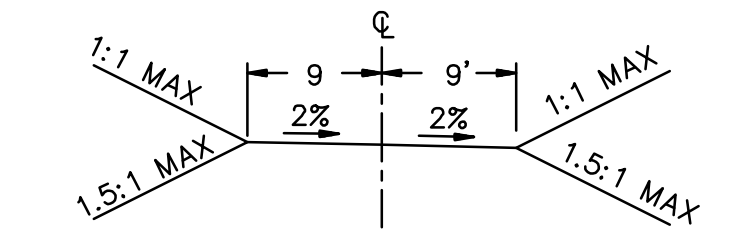
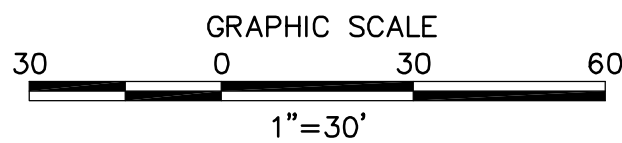
EARTH QUANTITIES:
CUT: 194 CY.
FILL: 83 CY.
NET: 111 CY.
DIP SECTION EXPORT: 80 CY

DISTURBED AREA:
ROAD: 14,657 SF

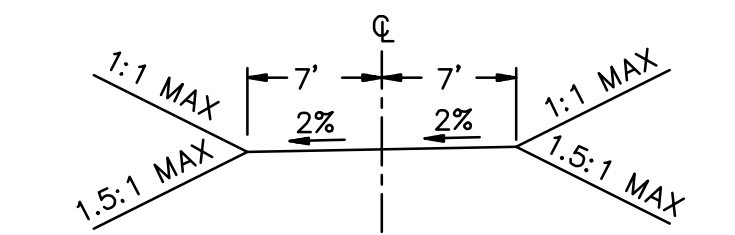
QUANTITIES:
DIP SECTION: 1,171 SF
LENGTH OF ACCESS ROAD: 778 LF

ACCESS ROAD TO TOWER P-184-1 PLAN

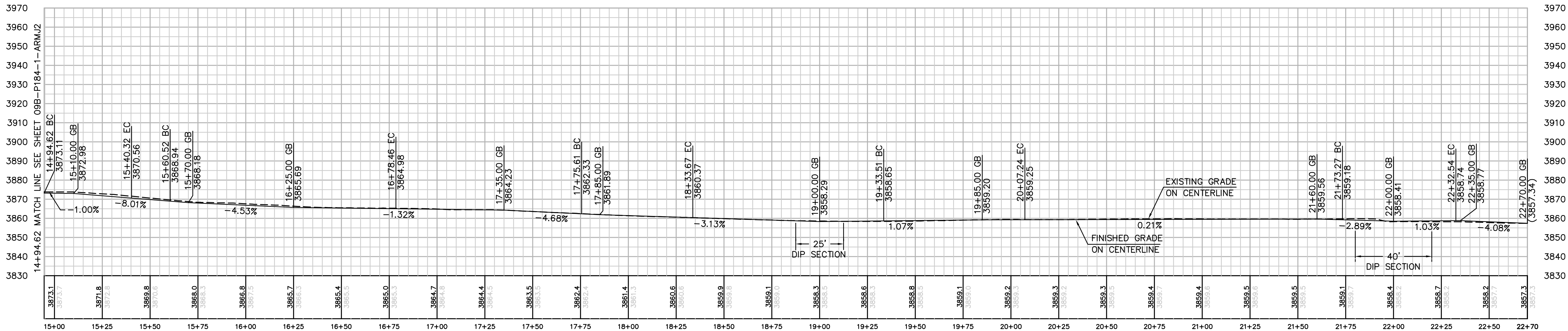
SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 14+94.62 TO 18+50
NTS



TYPICAL ACCESS ROAD CROSS SECTION
STA 18+70 TO 22+33
NTS



PROFILE: ACCESS ROAD TO TOWER P-184-1

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

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C19	200.00	45.70	13°05'36"
L19		20.20	N78°30'18"E
C20	200.00	117.93	33°47'05"
L20		97.15	S67°42'37"E
C21	500.00	58.06	6°39'13"
L21		99.84	S61°03'24"E
C22	200.00	73.72	21°07'14"
L22		166.04	S39°56'10"E
C23	200.00	59.27	16°58'44"
L23		37.46	S56°54'54"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
43	1857227.41	6551135.41	3873.29	BC
44	1857218.41	6551135.16	3873.11	CL/BC
45	1857209.41	6551134.90	3872.93	BC
46	1857231.16	6551178.80	3870.74	EC
47	1857222.34	6551180.59	3870.56	CL/EC
48	1857213.52	6551182.38	3870.38	EC
49	1857235.19	6551198.59	3869.12	BC
50	1857226.37	6551200.39	3868.94	CL/BC
51	1857217.55	6551202.18	3868.76	BC
52	1857223.76	6551319.52	3865.16	EC
53	1857215.44	6551316.10	3864.98	CL/EC
54	1857207.11	6551312.69	3864.80	EC
55	1857186.92	6551409.41	3862.51	BC
56	1857178.59	6551405.99	3862.33	CL/BC
57	1857170.26	6551402.58	3862.15	BC
58	1857161.37	6551462.68	3860.55	EC
59	1857153.50	6551458.32	3860.37	CL/EC
60	1857145.62	6551453.97	3860.19	EC
61	1857113.06	6551550.05	3858.47	BC
62	1857105.18	6551545.69	3858.65	CL/BC
63	1857097.30	6551541.34	3858.83	BC
64	1857064.33	6551609.16	3859.07	BC
65	1857058.55	6551602.26	3859.25	CL/EC
66	1857052.77	6551595.35	3859.43	EC
67	1857040.04	6551626.88	3859.17	FG
68	1857031.05	6551616.15	3859.45	FG
69	1856958.73	6551694.95	3859.39	FG
70	1856949.75	6551684.22	3859.67	FG
71	1856937.01	6551715.74	3859.00	BC
72	1856931.24	6551708.84	3859.18	CL/BC
73	1856925.46	6551701.94	3859.36	FG
74	1856899.59	6551757.93	3858.56	EC
75	1856892.05	6551753.02	3858.74	CL/EC
76	1856884.51	6551748.10	3858.92	EC
77	1856874.99	6551786.61	(3857.26)	EG
78	1856871.60	6551784.40	(3857.34)	CL/EG
79	1856869.41	6551782.97	(3857.39)	EG



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

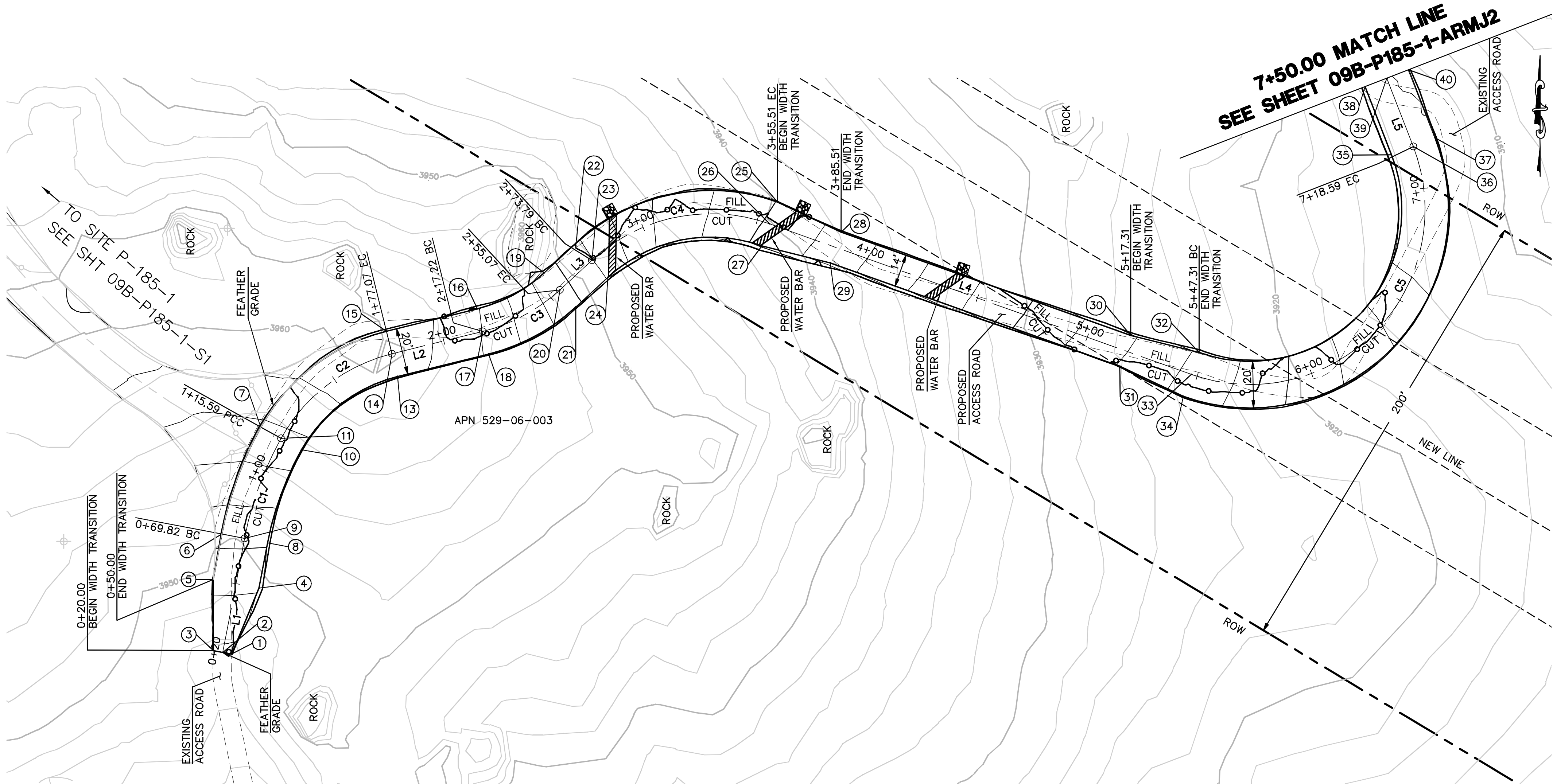
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

DETAILED OFF-SITE ROAD IMPROVEMENTS

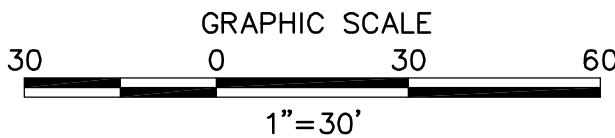
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1" = 1'			

09B-P184-1-ARMJ3



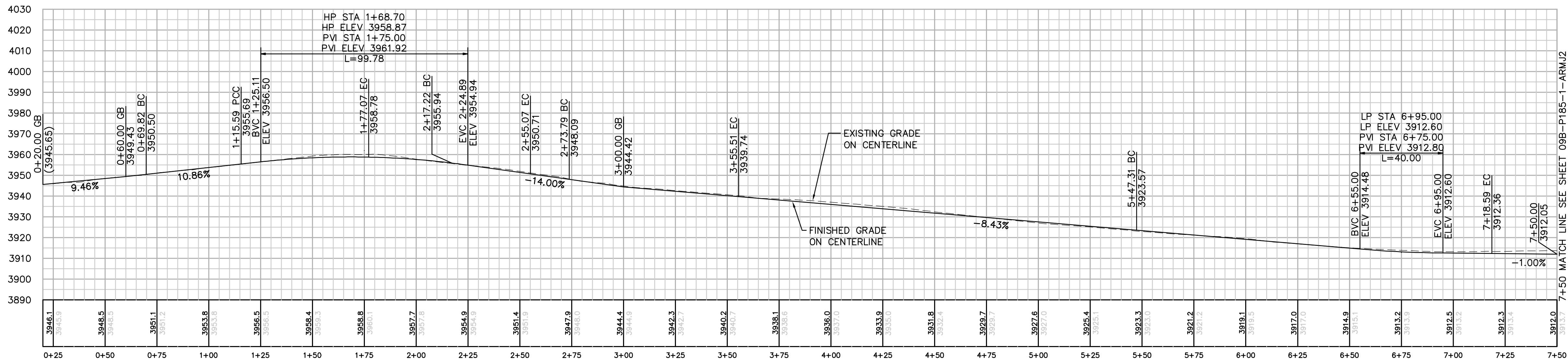
EARTH QUANTITIES: CUT: 247 CY, FILL: 41 CY, NET: 206 CY.
DISTURBED AREA: ROAD: 14,510 SF.
QUANTITIES: RIP RAP: 75 SF, LENGTH OF ACCESS ROAD: 730 LF.

ACCESS ROAD TO TOWER P-185-1 PLAN
SCALE: 1" = 30'

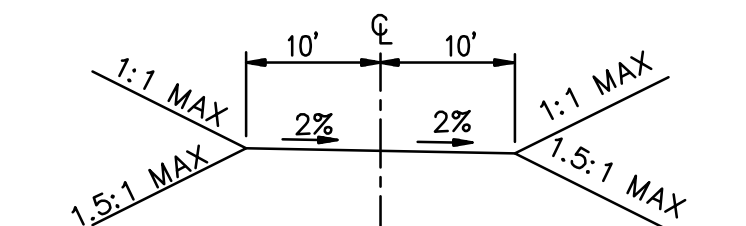


CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		49.82	N10°49'48"E
C1	143.00	45.78	18°20'29"
C2	75.00	61.48	46°57'52"
L2		40.16	N76°08'09"E
C3	75.00	37.85	28°54'44"
L3		18.72	N47°13'24"E
C4	75.00	81.72	62°25'57"
L4		191.80	S70°20'38"E
C5	75.00	171.28	130°51'06"
L5		31.41	N21°11'44"W

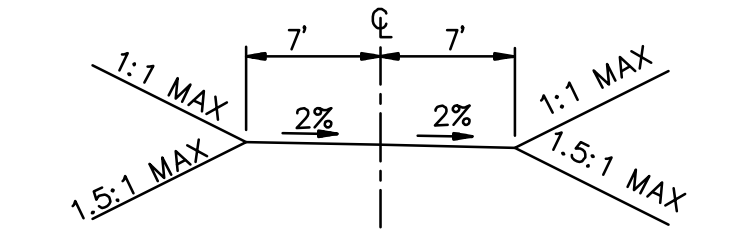
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1855650.66	6551020.24	(3945.64)	EG
2	1855651.26	6551016.39	(3945.65)	CL
3	1855652.04	6551012.31	(3945.66)	EG
4	1855678.85	6551031.85	3948.20	FG
5	1855682.61	6551012.21	3948.69	FG
6	1855702.07	6551015.93	3950.70	BC
7	1855747.90	6551032.61	3955.67	PCC
8	1855698.31	6551035.57	3950.22	BC
9	1855700.19	6551025.75	3950.50	CL/BC
10	1855738.15	6551050.07	3955.19	PCC
11	1855743.02	6551041.34	3955.47	CL/PCC
13	1855769.57	6551091.25	3958.58	EC
14	1855779.28	6551088.86	3958.78	CL/EC
15	1855788.99	6551086.46	3958.98	EC
16	1855798.61	6551125.45	3956.14	BC
17	1855788.90	6551127.84	3955.94	CL/BC
18	1855779.19	6551130.24	3955.65	BC
19	1855814.01	6551154.02	3950.91	EC
20	1855806.67	6551160.81	3950.71	CL/EC
21	1855799.33	6551167.60	3950.51	EC
22	1855826.72	6551167.76	3948.29	BC
23	1855819.38	6551174.55	3948.09	CL/BC
24	1855812.04	6551181.34	3947.89	BC
25	1855844.38	6551254.08	3939.94	EC
26	1855834.96	6551250.71	3939.74	CL/EC
27	1855825.54	6551247.35	3939.54	EC
28	1855831.46	6551281.32	3937.35	FG
29	1855818.28	6551276.61	3936.99	FG
30	1855787.13	6551405.43	3926.24	FG
31	1855773.94	6551400.73	3925.87	FG
32	1855779.86	6551434.70	3923.77	BC
33	1855770.45	6551431.33	3923.57	CL/BC
34	1855761.03	6551427.97	3923.28	BC
35	1855864.58	6551517.16	3912.56	EC
36	1855868.19	6551526.49	3912.36	CL/EC
37	1855871.81	6551535.81	3912.08	EC
38	1855893.86	6551505.81	3912.25	FG
39	1855897.47	6551515.13	3912.05	CL
40	1855901.09	6551524.46	3911.85	FG



PROFILE: ACCESS ROAD TO TOWER P-185-1
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+50.00 TO 3+55.51, 5+47.31 TO 7+50.00



TYPICAL ACCESS ROAD CROSS SECTION
STA 3+85.51 TO 5+17.31



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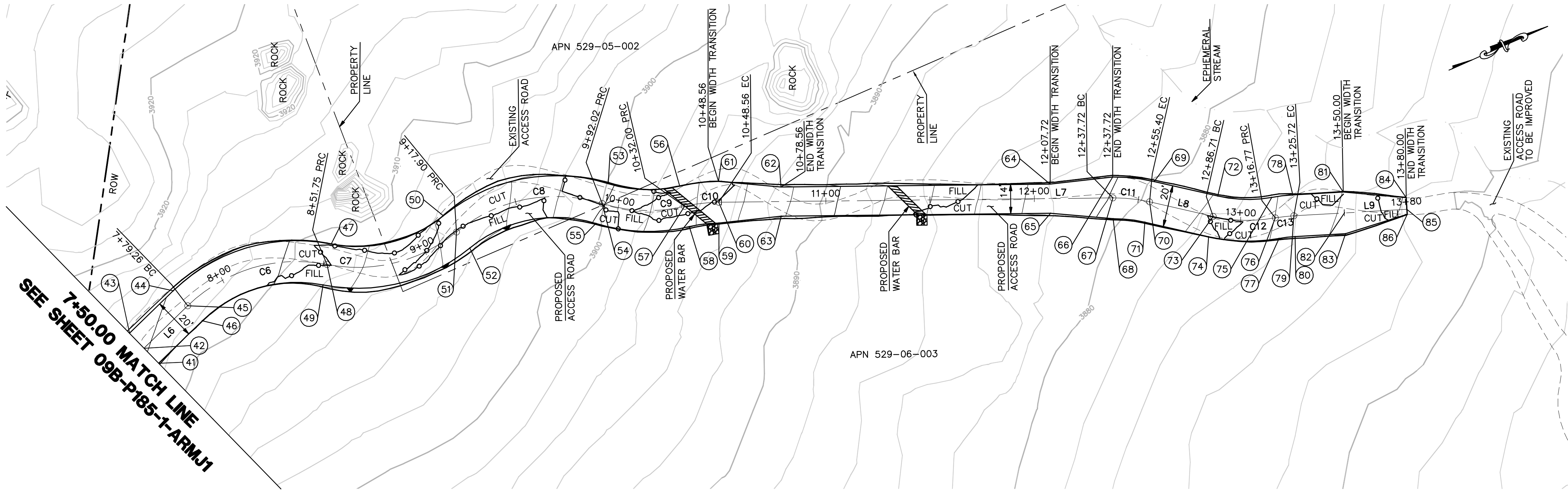
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
DETAILED OFF-SITE ROAD IMPROVEMENTS

DRAWN BY: LJ	DATE:	SCALE: NONE	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1" = 1'			

09B-P185-1-ARMJ1



EARTH QUANTITIES: CUT: 158 CY. FILL: 60 CY. NET: 98 CY.

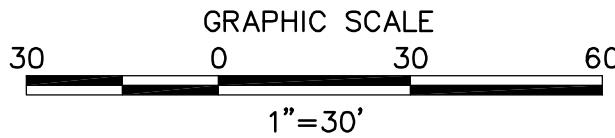
DISTURBED AREA: ROAD: 12,274 SF

QUANTITIES: RIP RAP: 50 SF

LENGTH OF ACCESS ROAD: 630 LF

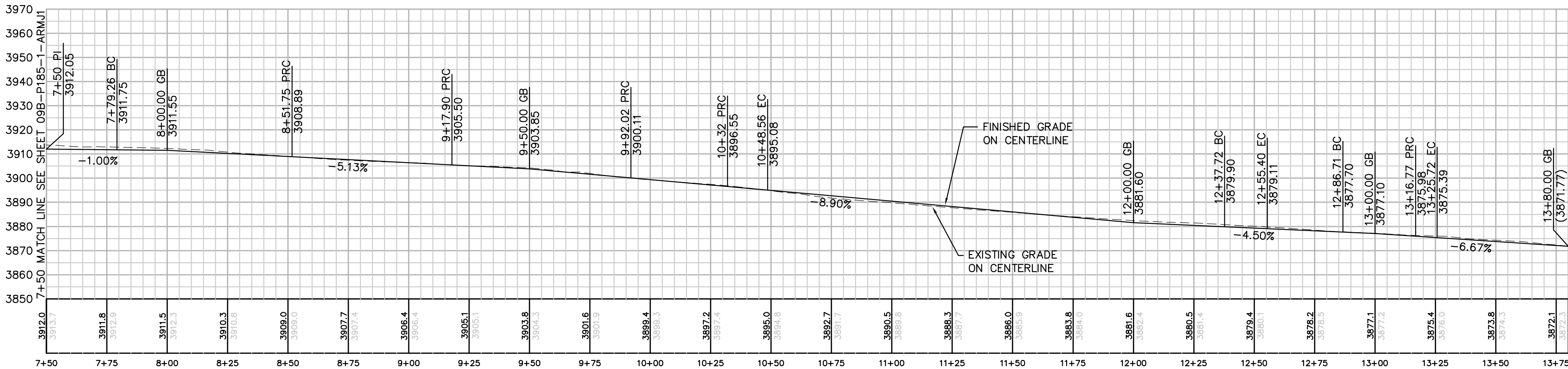
ACCESS ROAD TO TOWER P-185-1 PLAN

SCALE: 1" = 30'



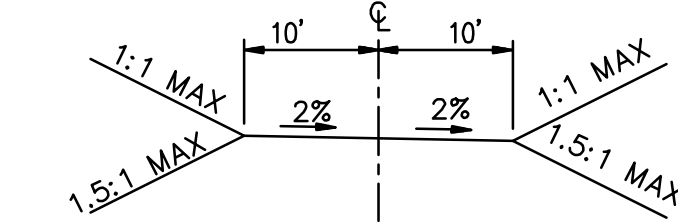
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L6		29.26	N21°11'44.35"W
C6	75.00	72.48	55°22'25"
C7	75.00	66.16	50°32'23"
C8	75.00	74.12	56°37'28"
C9	75.00	39.98	30°32'29"
C10	75.00	16.56	12°38'59"
L7		189.15	N22°22'16.91"E
C11	75.00	17.69	13°30'48"
L8		31.31	N35°53'04.87"E
C12	75.00	30.06	22°57'42"
C13	75.00	8.95	6°50'20"
L9		54.28	N19°45'42.90"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
41	1855901.09	6551524.46	3911.85	FG
42	1855897.47	6551515.13	3912.05	CL
43	1855893.86	6551505.81	3912.25	FG
44	1855921.14	6551495.23	3911.95	BC
45	1855924.76	6551504.55	3911.75	CL/BC
46	1855928.37	6551513.87	3911.47	BC
47	1855999.62	6551504.16	3909.09	PRC
48	1855994.01	6551512.43	3908.89	CL/PRC
49	1855988.39	6551520.70	3908.61	PRC
50	1856054.45	6551512.75	3905.70	PRC
51	1856057.27	6551522.35	3905.50	CL/PRC
52	1856060.08	6551531.94	3905.30	PRC
53	1856133.33	6551529.45	3900.31	PRC
54	1856126.87	6551537.08	3900.11	CL/PRC
55	1856120.40	6551544.71	3899.83	PRC
56	1856164.36	6551543.91	3896.75	PRC
57	1856162.67	6551553.77	3896.55	CL/PRC
58	1856160.98	6551563.63	3896.27	PRC
59	1856174.75	6551567.58	3894.80	EC
60	1856178.55	6551558.34	3895.08	CL/EC
61	1856182.36	6551549.09	3895.28	EC
62	1856208.96	6551563.28	3892.55	FG
63	1856203.63	6551576.23	3892.19	FG
64	1856328.39	6551612.44	3881.39	FG
65	1856323.07	6551625.39	3881.03	FG
66	1856357.28	6551621.08	3880.10	BC
67	1856353.47	6551630.33	3879.90	CL
68	1856349.67	6551639.58	3879.62	BC
69	1856374.75	6551630.82	3879.31	EC
70	1856368.89	6551638.92	3879.11	CL
71	1856363.03	6551647.02	3878.91	EC
72	1856400.11	6551649.17	3877.90	BC
73	1856394.25	6551657.27	3877.70	CL/BC
74	1856388.39	6551665.37	3877.41	BC
75	1856423.68	6551659.86	3876.18	PRC
76	1856421.44	6551669.61	3875.98	CL/PRC
77	1856419.20	6551679.35	3875.78	PRC
78	1856433.41	6551662.71	3875.59	EC
79	1856430.03	6551672.12	3875.39	CL/EC
80	1856426.64	6551681.54	3875.10	EC
81	1856456.26	6551670.92	3873.97	FG
82	1856452.88	6551680.33	3873.77	CL
83	1856449.49	6551689.74	3873.57	FG
84	1856483.01	6551685.19	(3871.80)	EG
85	1856481.11	6551690.48	(3871.77)	CL
86	1856480.31	6551692.70	(3871.77)	EG

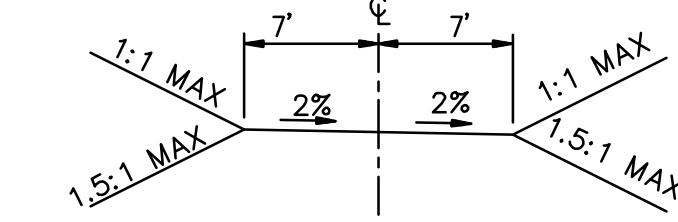


PROFILE: ACCESS ROAD TO TOWER P-185-1

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



TYPICAL ACCESS ROAD CROSS SECTION
STA 7+50.00 TO 10+48.56, 12+37.72 TO 13+50



TYPICAL ACCESS ROAD CROSS SECTION
STA 10+78.56 TO 12+07.72

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-9B (LINK 1)

DETAILED OFF-SITE ROAD IMPROVEMENTS

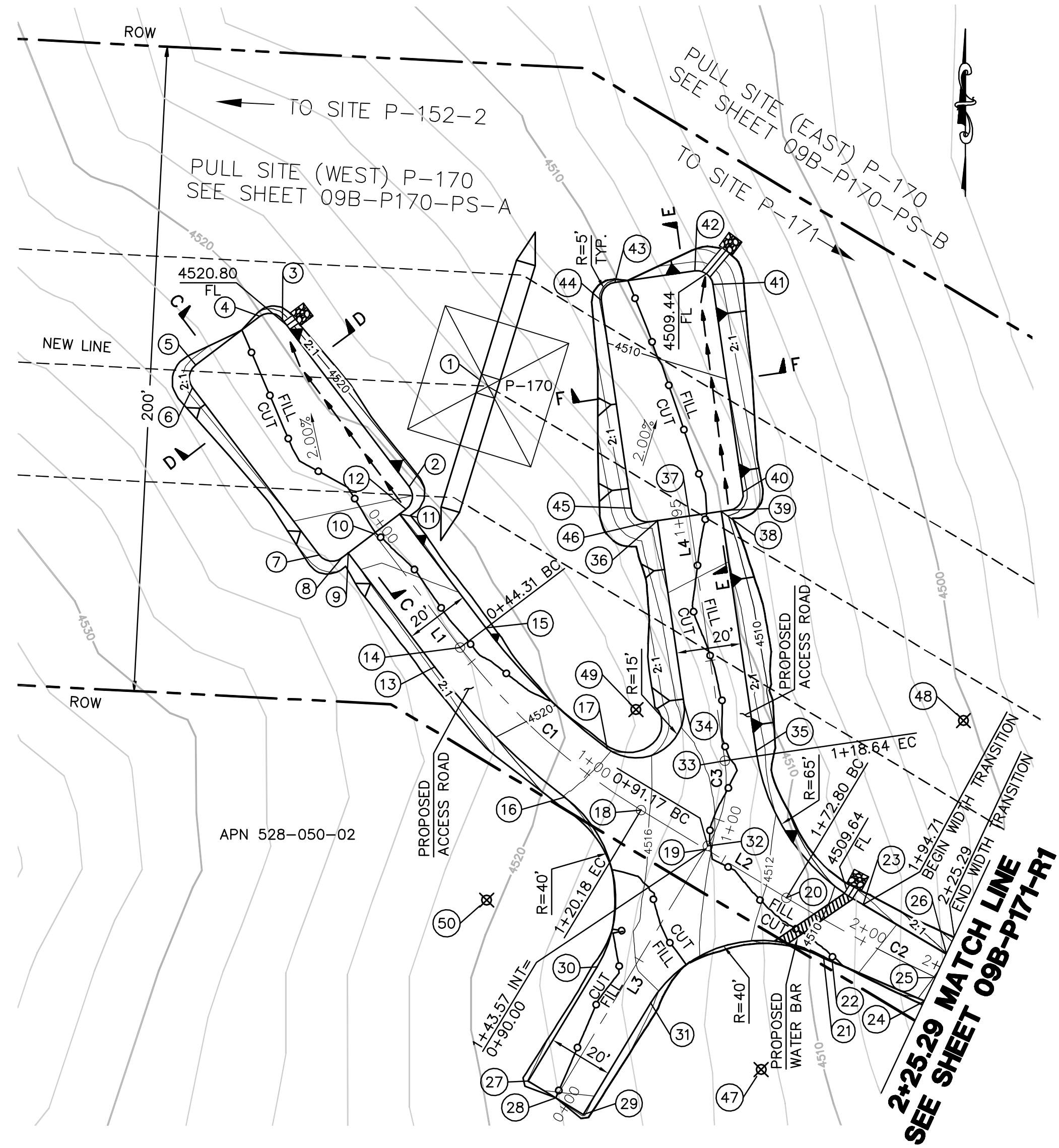
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1" = 1'			

09B-P185-1-ARMJ2



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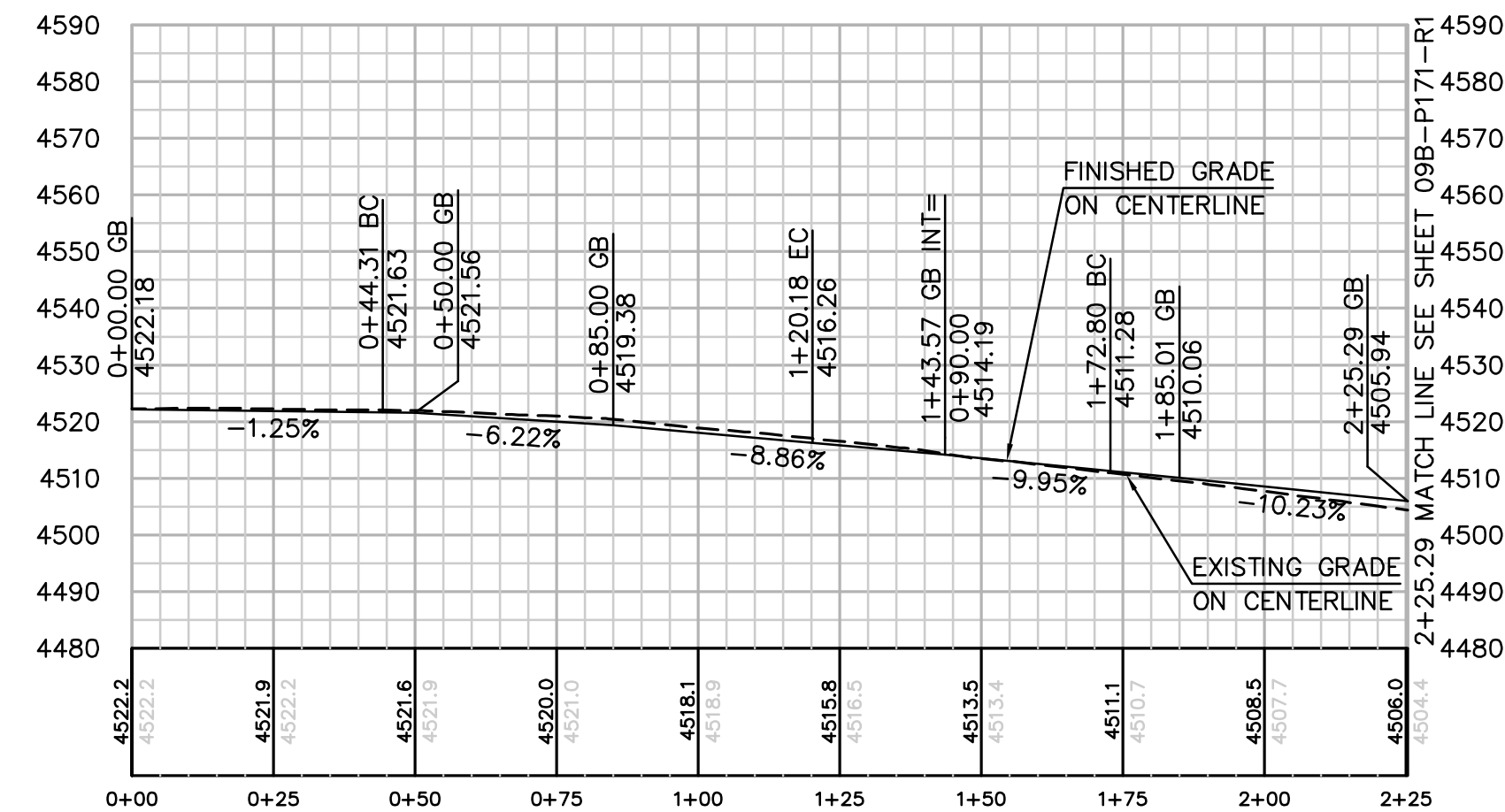
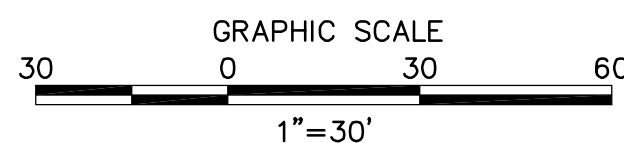
EARTH QUANTITIES:
CUT: 305 CY
FILL: 282 CY
NET: 23 CY

DISTURBED AREA:
PAD: 7,194 SF
ROAD: 11,237 SF
TOTAL: 18,431 SF

QUANTITIES:
RIP RAP: 75 SF
DOWNDRAIN: 16 LF
LENGTH OF ACCESS ROAD: 420 LF

TOWER P-170 PLAN

SCALE: 1" = 30'



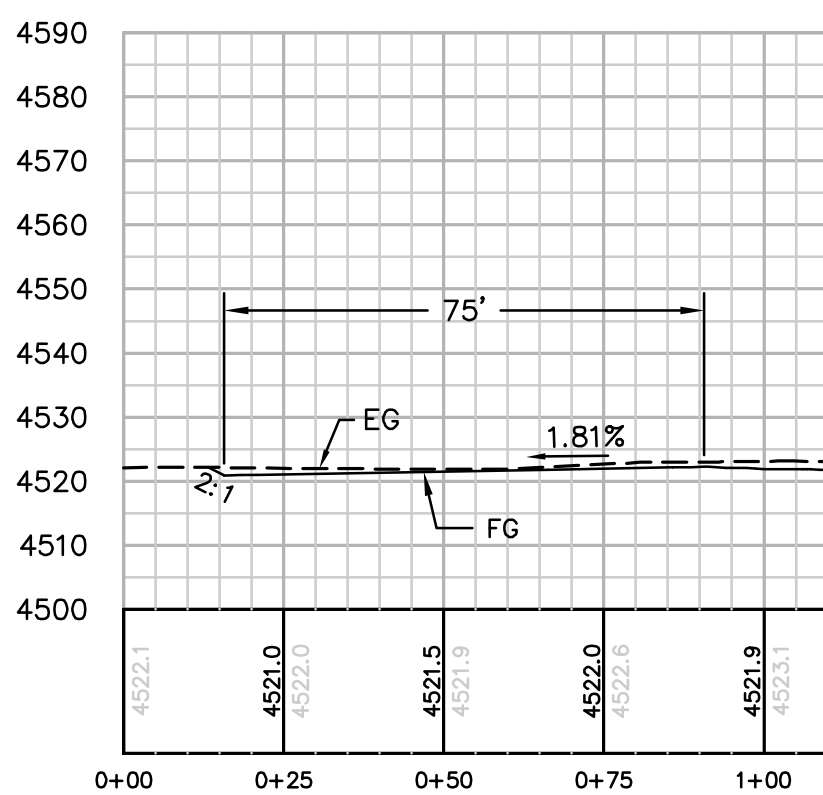
PROFILE: ACCESS ROAD TO PAD WEST OF TOWER P-170

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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-170	500 KV EXLD- Lattice Dead-end Tower	28.14	135.75

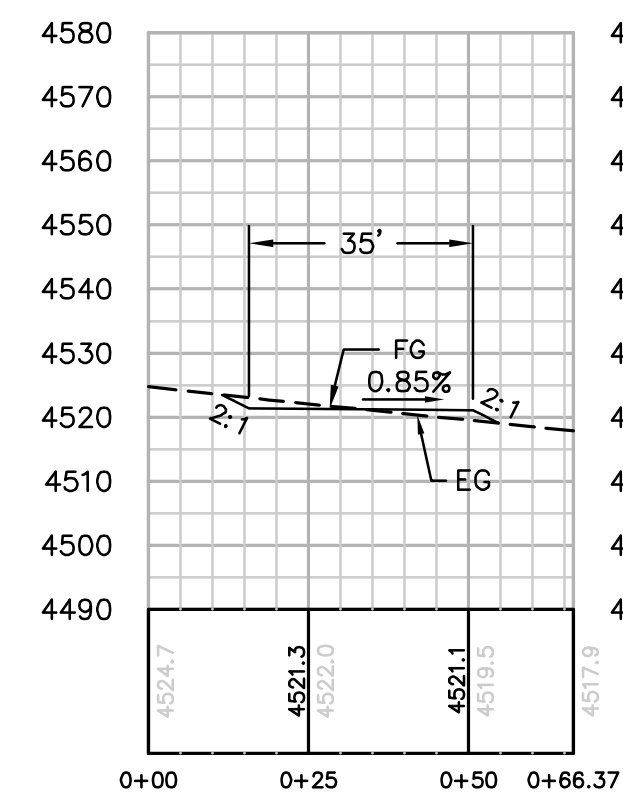
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	200.00	75.87	21°44'02"
C2	500.00	52.49	6°00'53"
C3	40.00	27.47	39°20'20"
L1		44.31	S37°09'55"E
L2		52.62	S58°53'57"E
L3		91.17	N31°06'03"E
L4		76.64	N8°14'17"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866311.10	6534001.17	(4516.44)	P-170
2	1866280.00	6533976.71	4521.94	FG
3	1866331.80	6533937.43	4520.76	FG
4	1866332.76	6533930.42	4520.71	FG
5	1866317.66	6533910.50	4520.93	FG
6	1866310.65	6533909.54	4521.06	FG
7	1866258.86	6533948.81	4522.24	FG
8	1866257.90	6533955.82	4522.29	FG
9	1866259.41	6533957.81	4522.26	FG
10	1866265.45	6533965.78	4522.18	CL
11	1866271.49	6533973.75	4522.10	FG
12	1866273.00	6533975.74	4522.07	FG
13	1866224.09	6533984.58	4521.43	BC
14	1866230.13	6533992.55	4521.63	CL/BC
15	1866236.18	6534000.52	4521.83	BC
16	1866183.71	6534024.94	4517.95	FG
17	1866198.87	6534038.05	4518.23	FG
18	1866179.71	6534048.62	4516.26	CL/EC
19	1866167.62	6534068.65	4514.19	CL/INT
20	1866152.53	6534093.68	4511.28	CL/BC



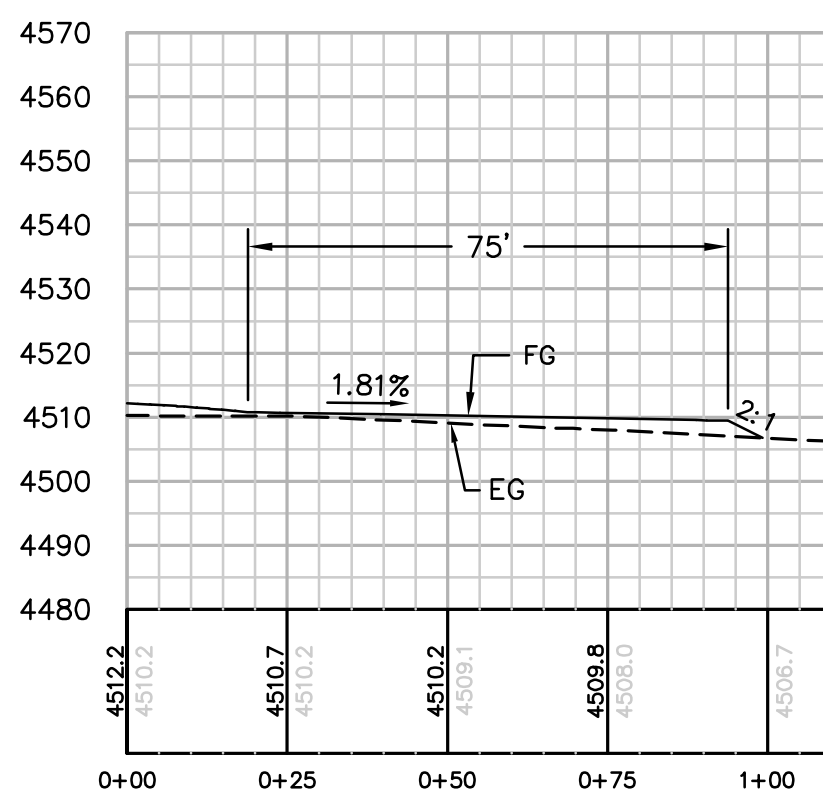
SECTION C-C

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



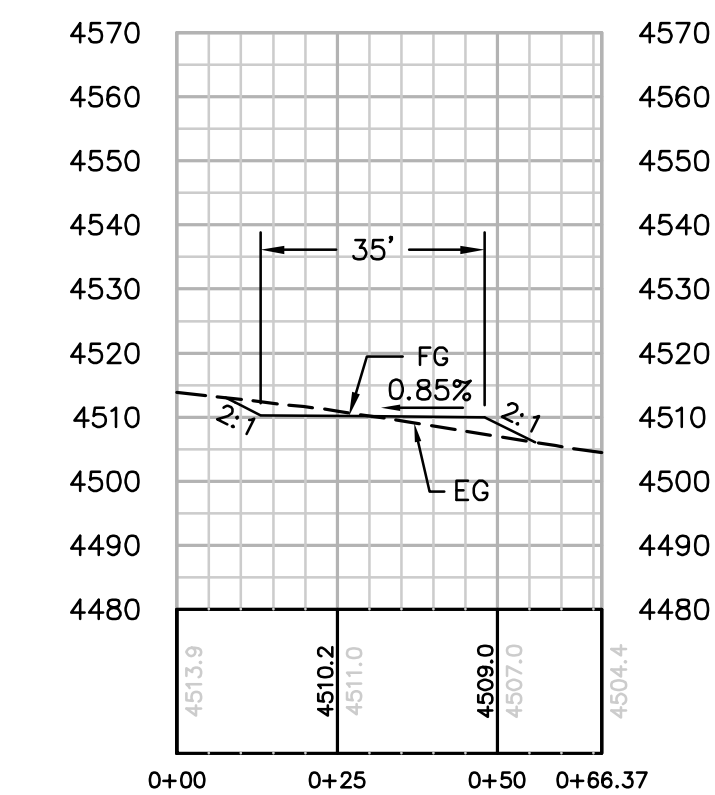
SECTION D-D

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



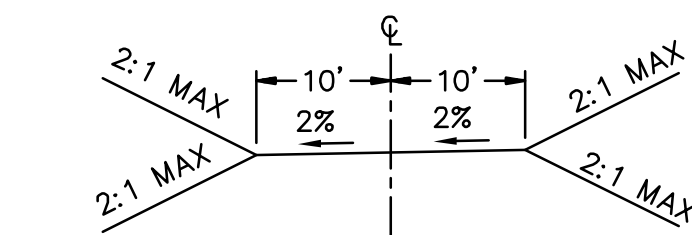
SECTION E-E

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

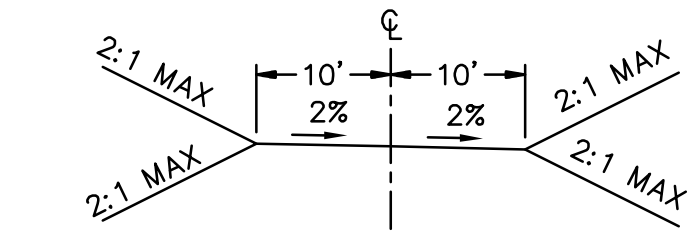


SECTION F-F

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



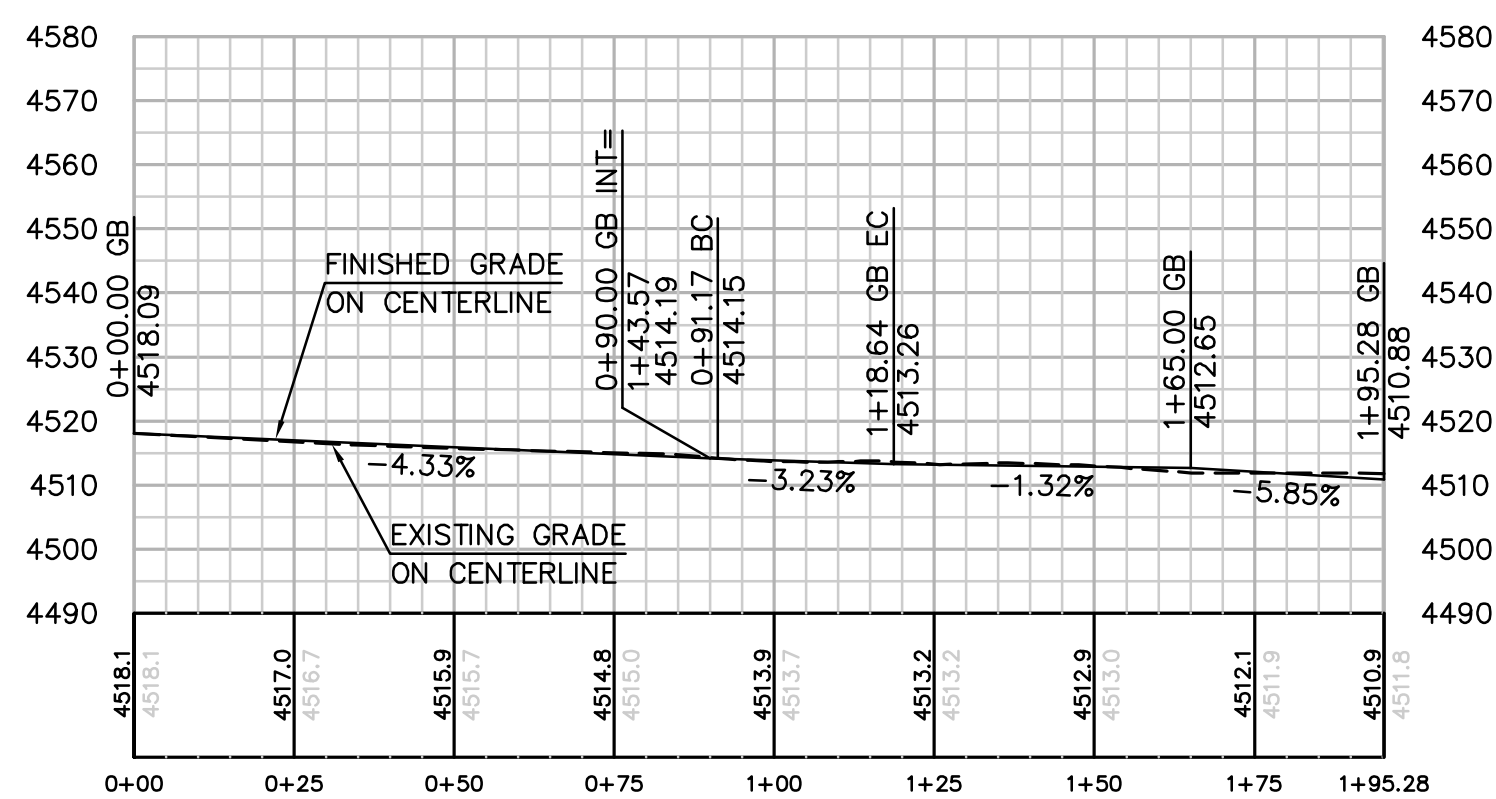
TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+95.28 (EAST)



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+25.29 (WEST)

PROFILE: TURN AROUND AND ACCESS ROAD TO PAD EAST OF TOWER P-170

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



PROFILE: TURN AROUND AND ACCESS ROAD TO PAD EAST OF TOWER P-170

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

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-9B (LINK 1)

SITE P-170

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

09B-P170-S1

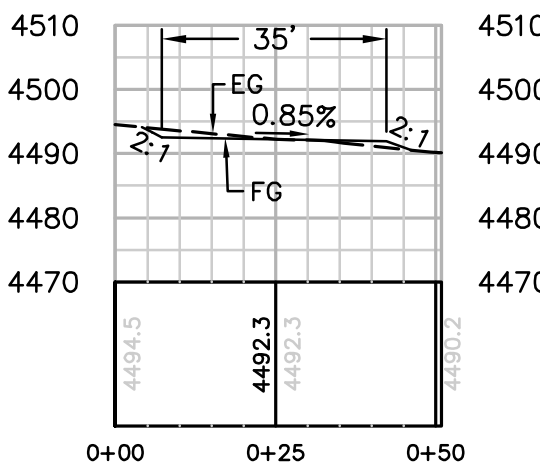
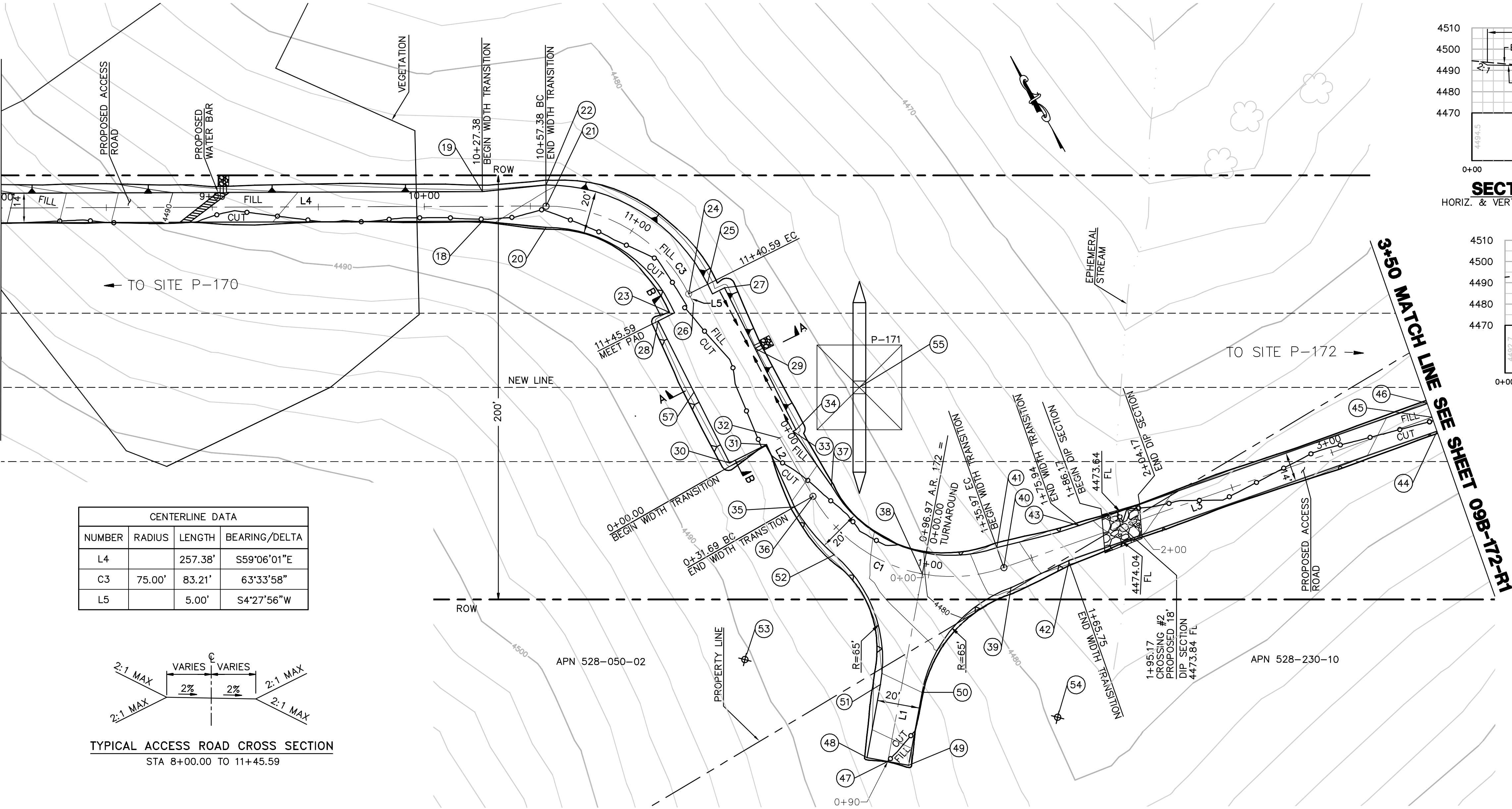


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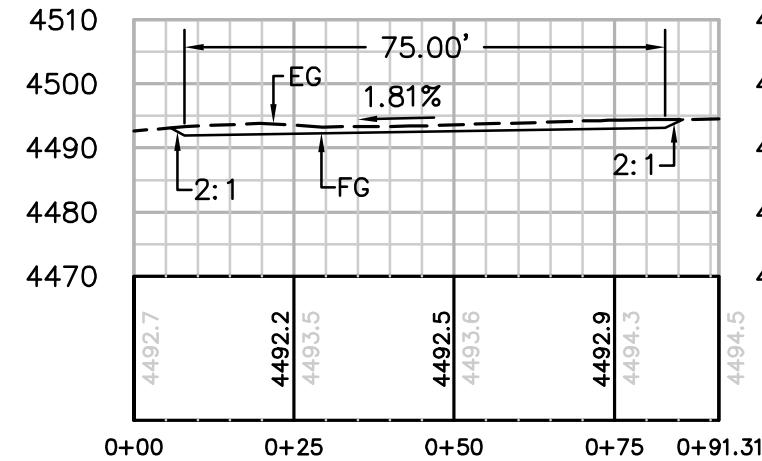


P:\16919 SD&E SPL\CADD\09B\dwg\plans\09B-P171-S1.dwg\Jmoy-25-20101145

MATCH LINE 8+00 SEE SHEET 09B-P171-R1



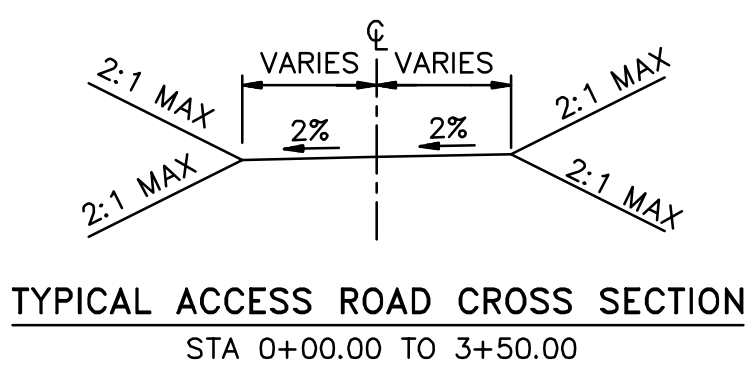
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



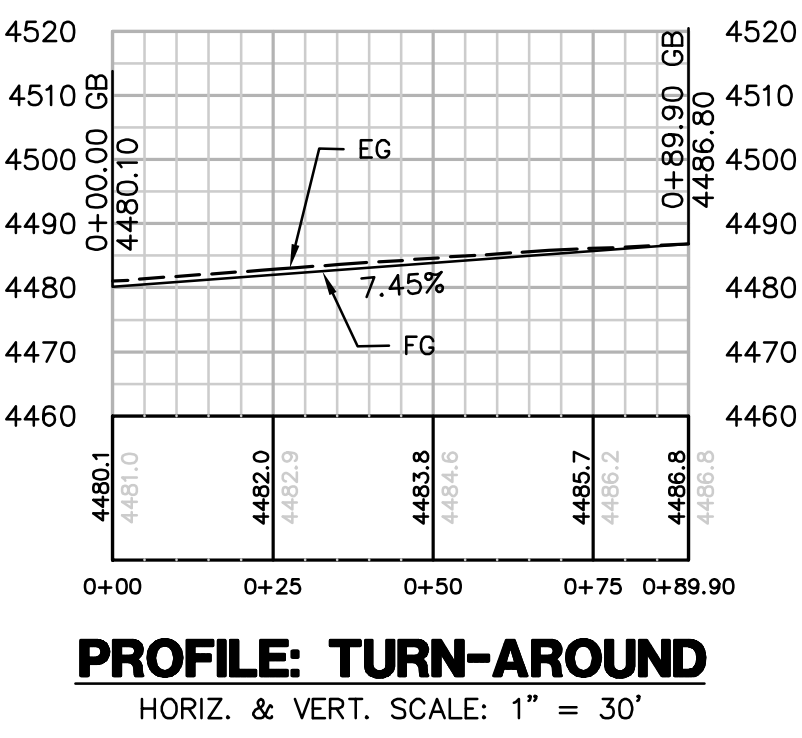
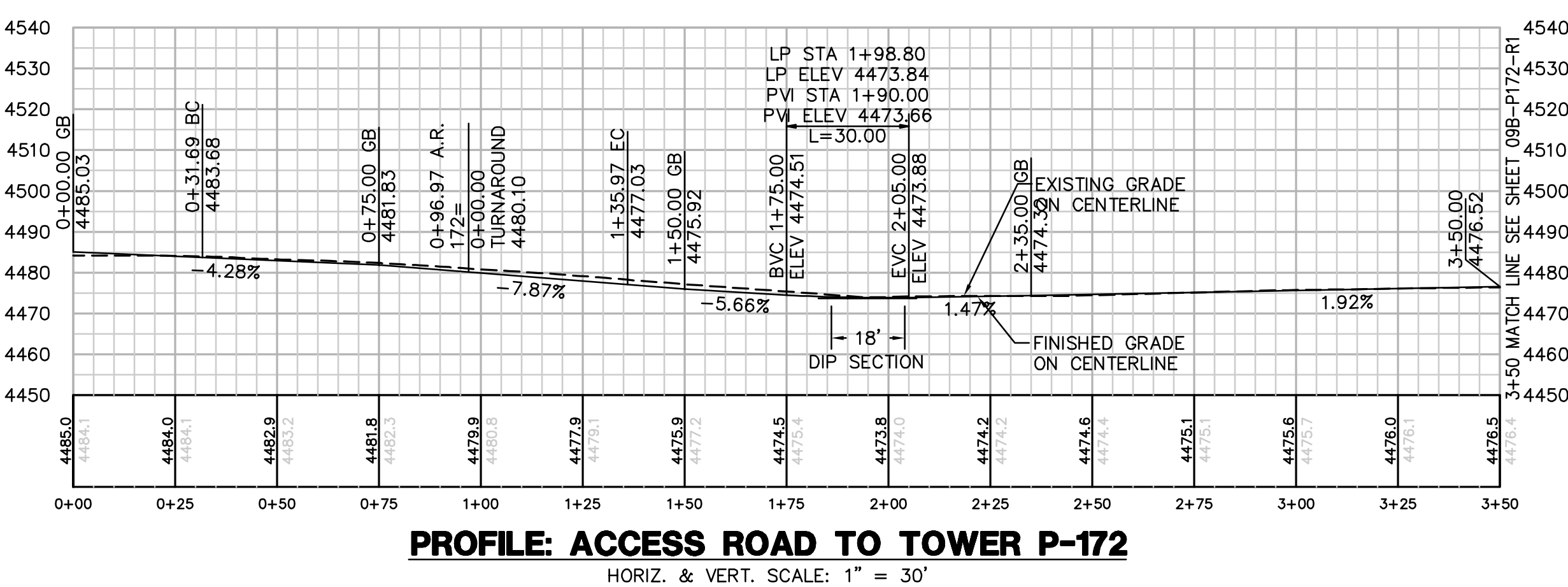
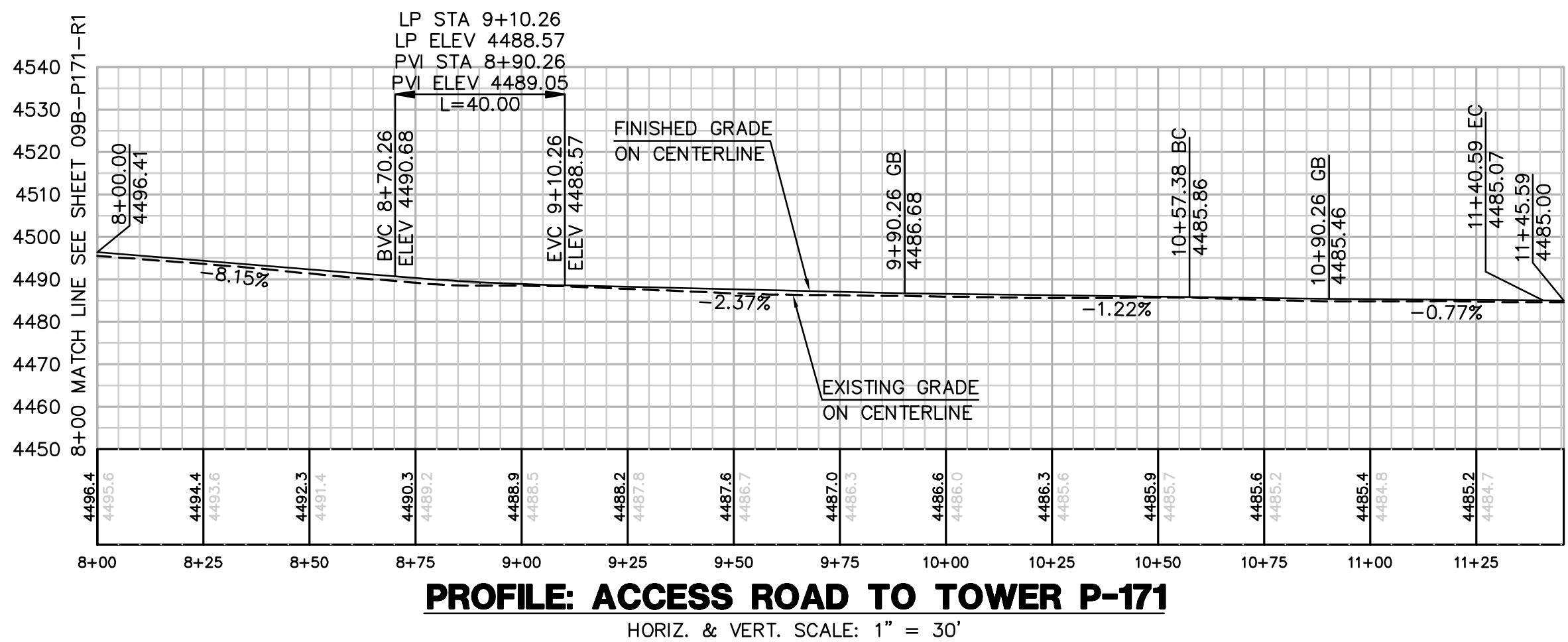
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
18	1865871.96	6534880.95	4486.09	FG
19	1865883.97	6534888.14	4486.37	FG
20	1865853.98	6534905.15	4485.66	FG
21	1865862.56	6534910.29	4485.86	CL/BC
22	1865871.14	6534915.42	4486.06	FG
23	1865789.64	6534934.23	4485.87	FG
24	1865792.37	6534946.54	4485.07	CL
25	1865791.96	6534956.54	4485.27	FG
26	1865787.38	6534946.15	4485.00	CL
27	1865786.10	6534962.51	4484.80	FG
28	1865788.83	6534927.62	4485.31	FG
29	1865754.14	6534960.02	4484.25	FG
30	1865714.06	6534921.78	4485.25	FG
31	1865712.54	6534941.19	4485.11	FG
32	1865711.99	6534948.18	4485.03	CL
33	1865711.45	6534955.17	4484.95	FG
34	1865711.33	6534956.67	4485.00	FG
35	1865680.56	6534937.40	4483.88	FG
36	1865680.31	6534947.39	4483.68	CL/BC
37	1865680.06	6534957.39	4483.48	FG
38	1865622.32	6534972.62	4480.10	CL/INT
39	1865595.23	6535005.04	4477.23	FG
40	1865605.02	6535007.08	4477.03	CL/EC
41	1865614.81	6535009.12	4476.83	FG
42	1865592.01	6535035.24	4475.15	FG
43	1865603.73	6535047.65	4474.32	FG
44	1865554.54	6535215.19	4476.67	FG
45	1865561.40	6535216.62	4476.53	CL
46	1865568.25	6535218.05	4476.39	FG
47	1865555.04	6534912.99	4486.80	CL
48	1865561.67	6534905.51	4487.00	FG
49	1865548.41	6534920.47	4486.60	FG
50	1865574.60	6534943.69	4483.99	FG
51	1865587.87	6534928.72	4484.39	FG
52	1865651.55	6534941.74	4482.79	FG
53	1865630.98	6534880.08		RP
54	1865531.49	6534992.33		RP
55	1865712.99	6534992.65	(4480.04)	P-171
57	1865751.44	6534924.70	4484.74	FG

TOWER P-171 PLAN
SCALE: 1" = 30'



NUMBER	RADIUS	LENGTH	BEARING/DELTA	ANGLE
C1	75.00	104.28	79°39'36"	
L1		89.90	S41°33'05"W	
L2		31.69	S1°25'16"W	
L3		214.03	S78°14'20"E	



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-9B (LINK 1)
SITE P-171

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

09B-P171-S1



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P:\16919 SD&E SPL\CADD\09B\plans\09B-P171-R1.dwg[Mo:25-2010]1:49

2+25.29 MATCH LINE
SEE SHEET 09B-P170-S1

8+00 MATCH LINE
SEE SHEET 09B-P171-S1

EARTH QUANTITIES:
CUT: 109 CY
FILL: 98 CY
NET: 11 CY
DIP SECTION EXPORT: 19 CY

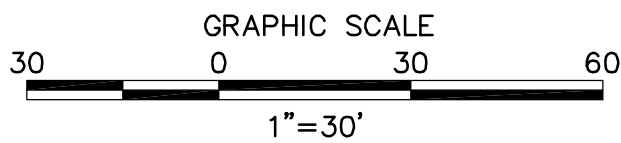
DISTURBED AREA:
ROAD: 11,115 SF

QUANTITIES:
DIP SECTION: 272 SF

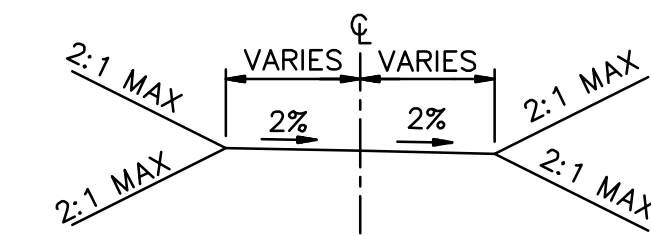
LENGTH OF ACCESS ROAD: 575 LF

ACCESS ROAD TO TOWER P-171 PLAN

SCALE: 1" = 30'

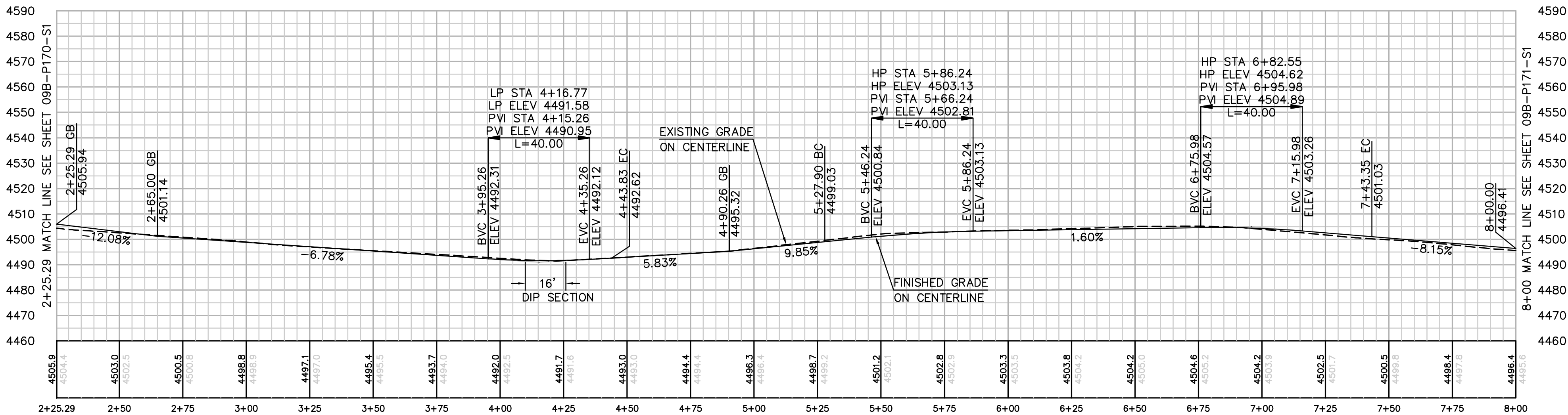


CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA
C1	500.00'	218.54'	25°02'35"
L1		84.06'	S89°57'43"E
C2	400.00'	215.45'	30°51'41"
L2		56.65'	S59°06'01"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 2+25.29 TO 8+00.00

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866120.56	6534136.61	4505.78	FG
2	1866127.73	6534139.96	4505.94	CL
3	1866135.05	6534143.39	4506.10	FG
4	1866072.66	6534351.61	4492.46	FG
5	1866080.66	6534351.62	4492.62	CL/EC
6	1866088.66	6534351.62	4492.78	FG
7	1866072.10	6534435.67	4498.86	FG
8	1866080.60	6534435.68	4499.03	CL/BC
9	1866089.10	6534435.69	4499.20	FG
10	1866016.53	6534636.46	4500.86	FG
11	1866023.83	6534640.83	4501.03	CL/EC
12	1866031.12	6534645.19	4501.20	FG
13	1866002.41	6534662.98	4498.44	FG
14	1866014.43	6534670.16	4498.72	FG
15	1865988.73	6534685.84	4496.27	FG
16	1865994.74	6534689.44	4496.41	CL
17	1866000.74	6534693.03	4496.55	FG



PROFILE: ACCESS ROAD TO TOWER P-171

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

REVISIONS

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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
ACCESS ROAD TO SITE P-171

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

09B-P171-R1

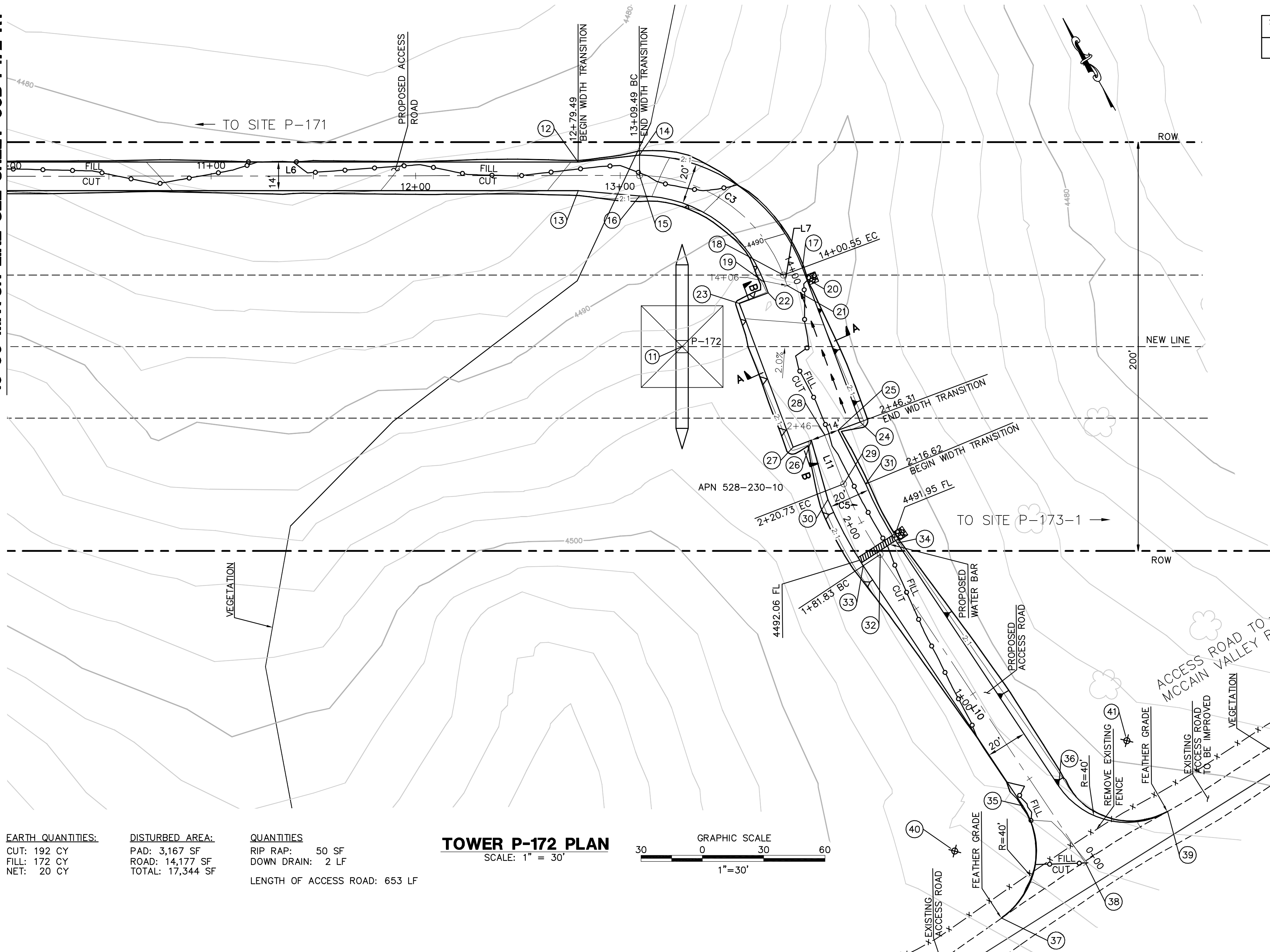


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P:\16919 SD&E SPL\CADD\09B.dwg\Plans\09B-P172-S1.dwg[May-25-2010]e28

10+00 MATCH LINE SEE SHEET 09B-P172-R1

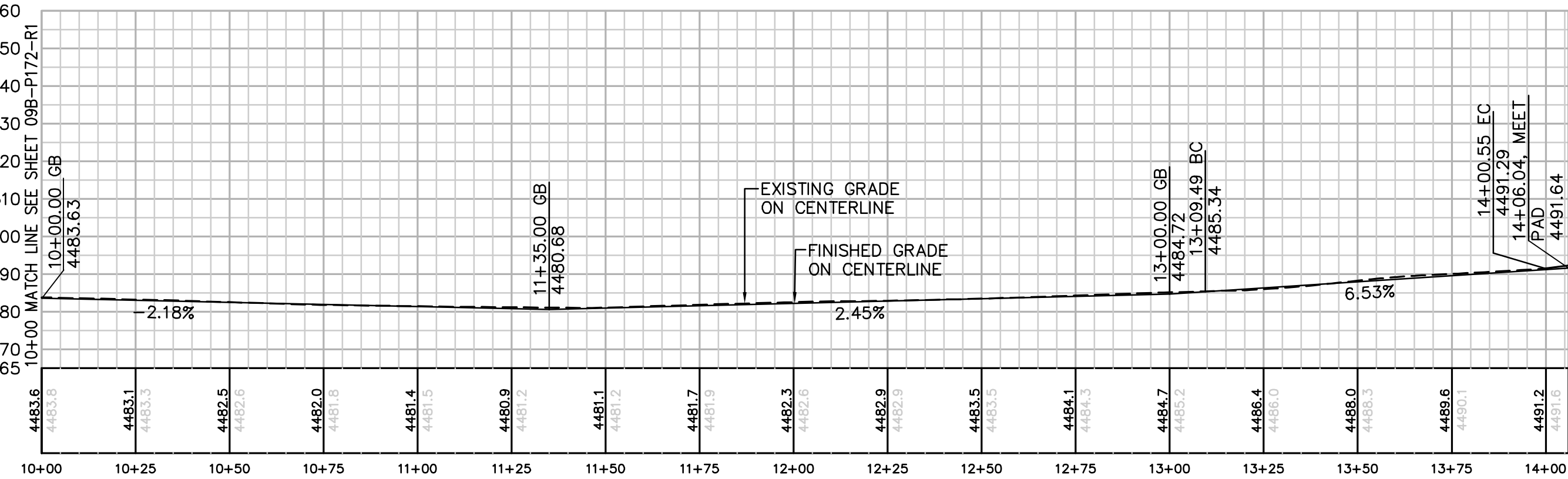
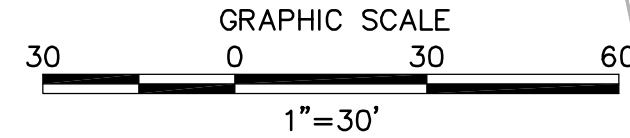


EARTH QUANTITIES:
CUT: 192 CY
FILL: 172 CY
NET: 20 CY

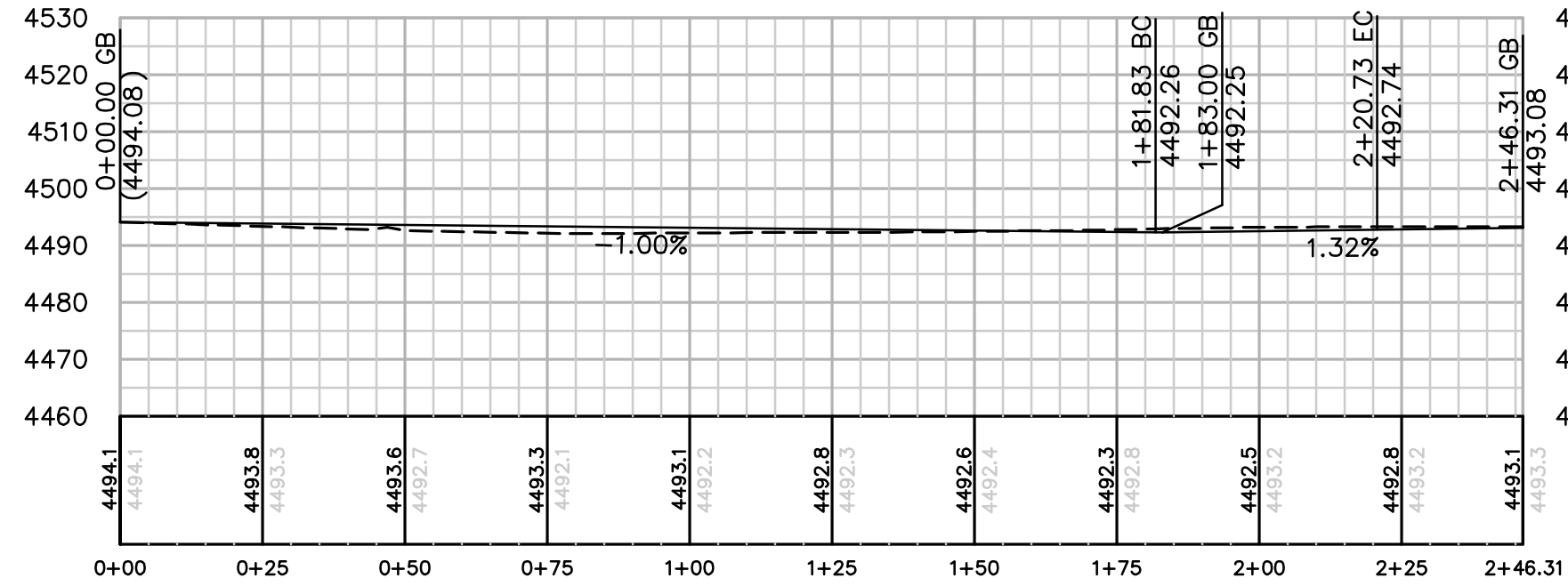
DISTURBED AREA:
PAD: 3,167 SF
ROAD: 14,177 SF
TOTAL: 17,344 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 2 LF
LENGTH OF ACCESS ROAD: 653 LF

TOWER P-172 PLAN
SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-172
HORIZ. & VERT. SCALE: 1" = 30'

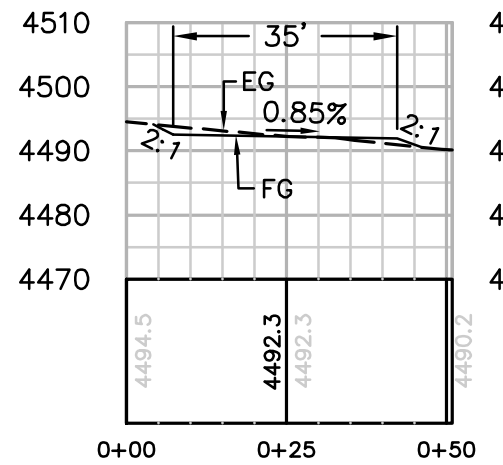


PROFILE: ACCESS ROAD TO TOWER P-172
HORIZ. & VERT. SCALE: 1" = 30'

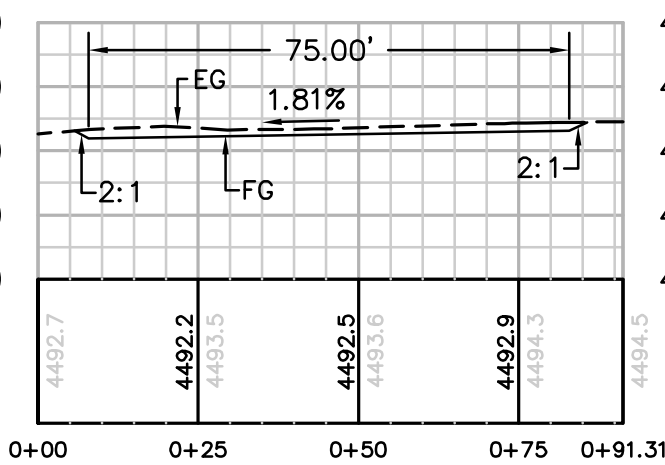
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-172	500 KV EXMT Lattice Tangent Tower	0.00	157.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C3	75.00	91.06	69°33'41"
C5	180.00	38.90	12°22'58"
L6		309.49	S58°58'41"E
L7		5.50	S10°34'26"W
L10		181.83	N2°30'22"W
L11		25.58	N9°52'36"E

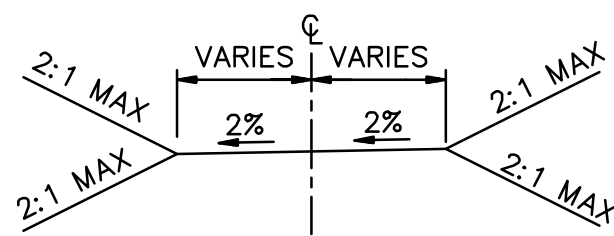
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
11	1865074.84	6536050.48	(4493.96)	P-172
12	1865178.41	6536053.60	4484.09	FG
13	1865166.41	6536046.39	4484.37	FG
14	1865165.85	6536081.06	4485.14	BC
15	1865157.28	6536075.91	4485.34	CL/BC
16	1865148.71	6536070.75	4485.54	BC
17	1865077.40	6536120.82	4491.09	EC
18	1865079.24	6536110.99	4491.29	CL/EC
19	1865081.07	6536101.16	4491.49	EC
20	1865072.00	6536119.81	4491.56	FG
21	1865073.84	6536109.98	4491.64	CL/FG
22	1865075.67	6536100.15	4491.73	FG
23	1865078.42	6536085.41	4491.86	FG
24	1864998.27	6536106.05	4492.92	FG
25	1865000.39	6536094.74	4493.02	FG
26	1865002.95	6536080.97	4493.14	FG
27	1865004.70	6536071.64	4493.22	FG
28	1865002.01	6536087.92	4493.08	CL/FG
29	1864976.47	6536083.47	4492.74	CL/EC
30	1864973.92	6536072.92	4492.56	FG
31	1864970.94	6536092.70	4492.85	FG
32	1864937.72	6536080.97	4492.26	CL/BC
33	1864937.29	6536070.98	4492.06	FG
34	1864938.16	6536090.96	4492.46	FG
35	1864796.36	6536077.15	4493.47	FG
36	1864795.63	6536097.20	4493.88	FG
37	1864754.70	6536039.91	(4497.47)	EG
38	1864756.07	6536088.92	(4494.08)	CL/EG
39	1864757.39	6536136.31	(4491.36)	EG
40	1864794.61	6536037.19		RP
41	1864797.38	6536137.16		RP



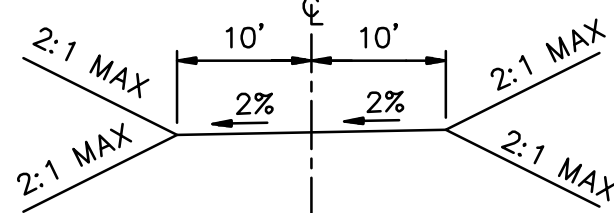
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 10+00.00 TO 14+06.04
NTS



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+47.00
NTS

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-9B (LINK 1)
SITE P-172

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

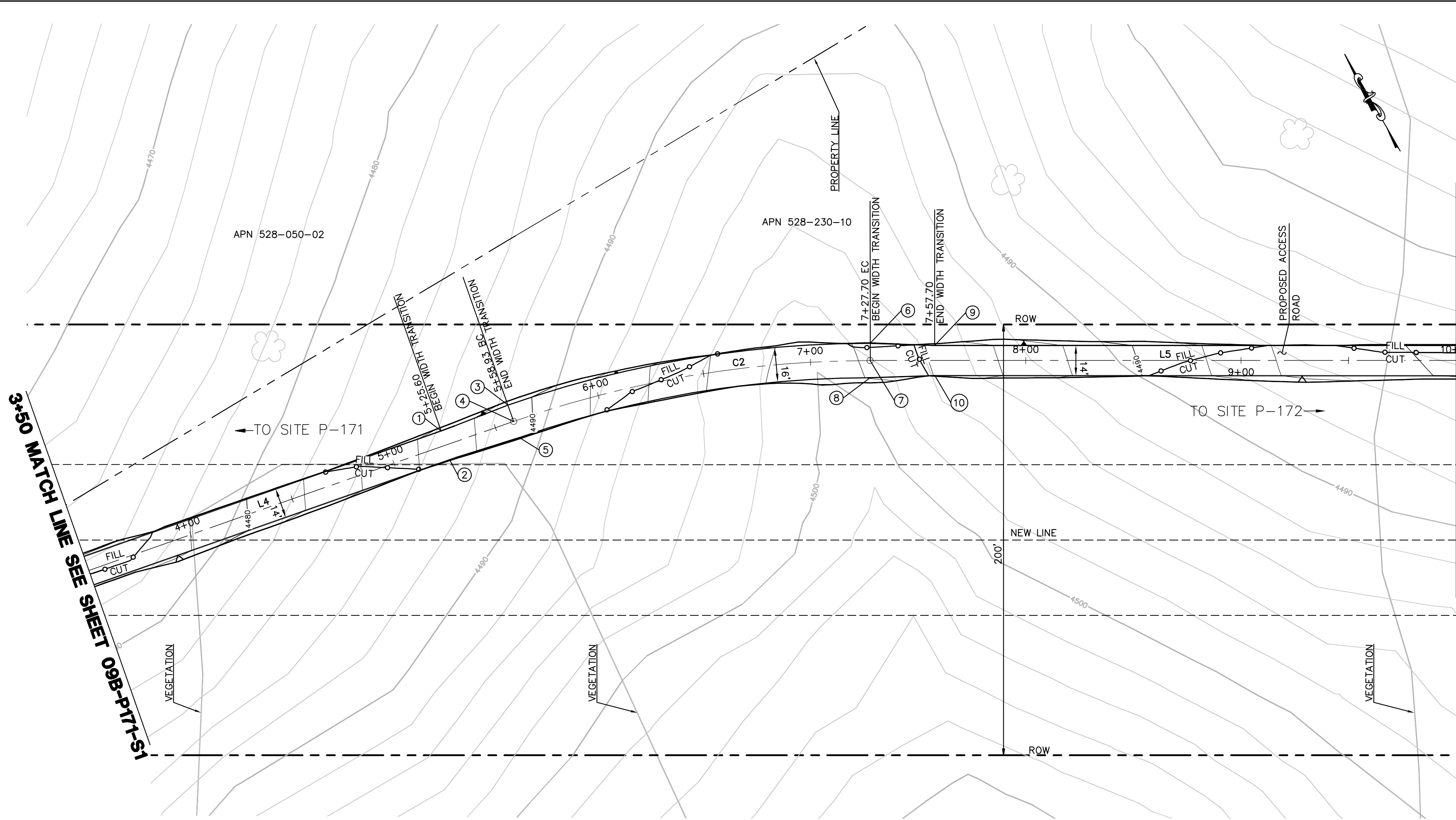
09B-P172-S1



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P:\16919 SD&E SPL\CADD\09B.dwg\Plans\09B-P172-R1.dwg[May-25-2010]r26

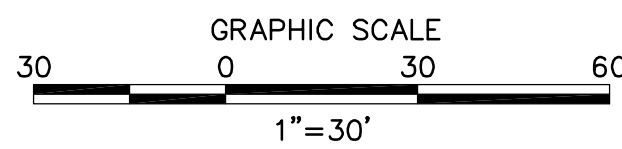


EARTH QUANTITIES: CUT: 93 CY
FILL: 83 CY
NET: 10 CY

DISTURBED AREA: ROAD: 10,912 SF

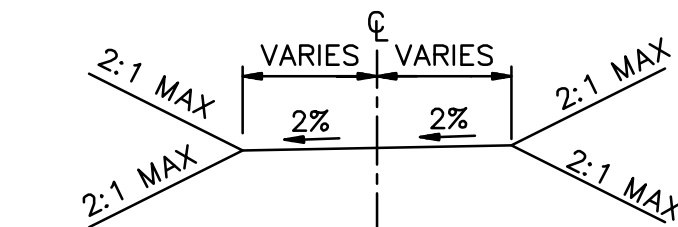
LENGTH OF ACCESS ROAD: 650 LF

ACCESS ROAD TO TOWER P-172 PLAN
SCALE: 1" = 30'

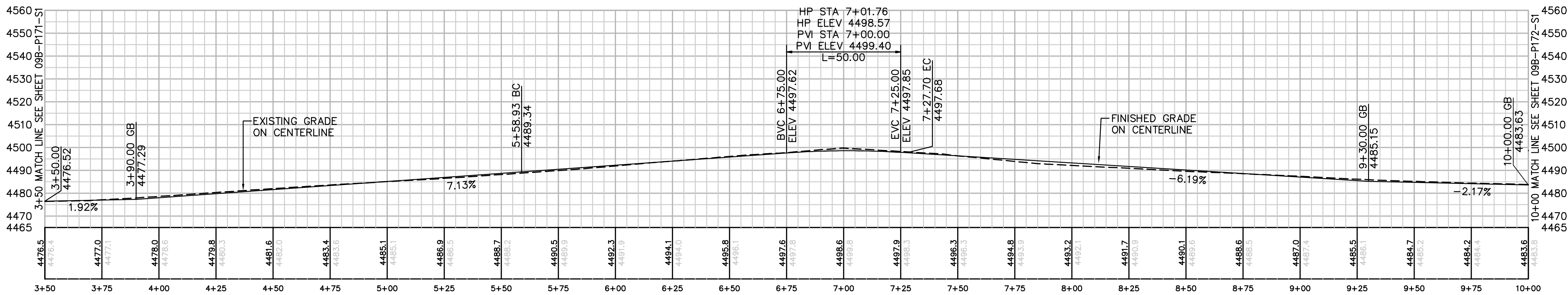


NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1865532.46	6535389.96	4486.82	FG
2	1865518.86	6535386.52	4487.05	FG
3	1865526.64	6535422.80	4489.18	BC
4	1865518.81	6535421.17	4489.34	CL/BC
5	1865510.98	6535419.53	4489.50	BC
6	1865464.29	6535581.65	4497.52	EC
7	1865457.44	6535577.52	4497.68	CL/EC
8	1865450.59	6535573.39	4497.84	EC
9	1865447.93	6535606.83	4495.69	FG
10	1865435.91	6535599.66	4495.96	FG

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/Delta ANGLE
C2	500.00	168.77	19°20'23"
L4		208.93	S78°14'20"E
L5		272.30	S58°53'57"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 3+50.00 TO 10+00.00



PROFILE: ACCESS ROAD TO TOWER P-172
HORIZ. & VERT. SCALE: 1" = 30'

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-9B (LINK 1)

ACCESS ROAD TO SITE P-172

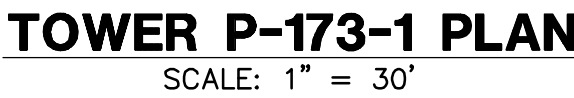
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CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1" = 1'		

09B-P172-R1



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GRAPHIC SCALE

1"=30'

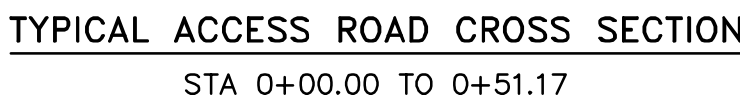
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		51.17	S58°53'57"E



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



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



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1864527.02	6536958.58	(4463.08)	P-173-1
2	1864569.64	6536887.53	(4467.03)	CL/EG
3	1864621.51	6536930.07	(4464.30)	EG
4	1864526.38	6536845.91	(4463.79)	EG
5	1864616.21	6536926.41	4464.66	BC
6	1864534.09	6536853.58	4464.58	BC
7	1864559.23	6536938.67	4467.15	EC
8	1864540.12	6536902.59	4466.94	EC
9	1864543.21	6536931.34	4467.52	CL
10	1864558.20	6536940.38	4467.17	CL
11	1864528.23	6536922.30	4467.17	FG
12	1864593.48	6536959.33		RP
13	1864505.87	6536881.93		RP

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

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

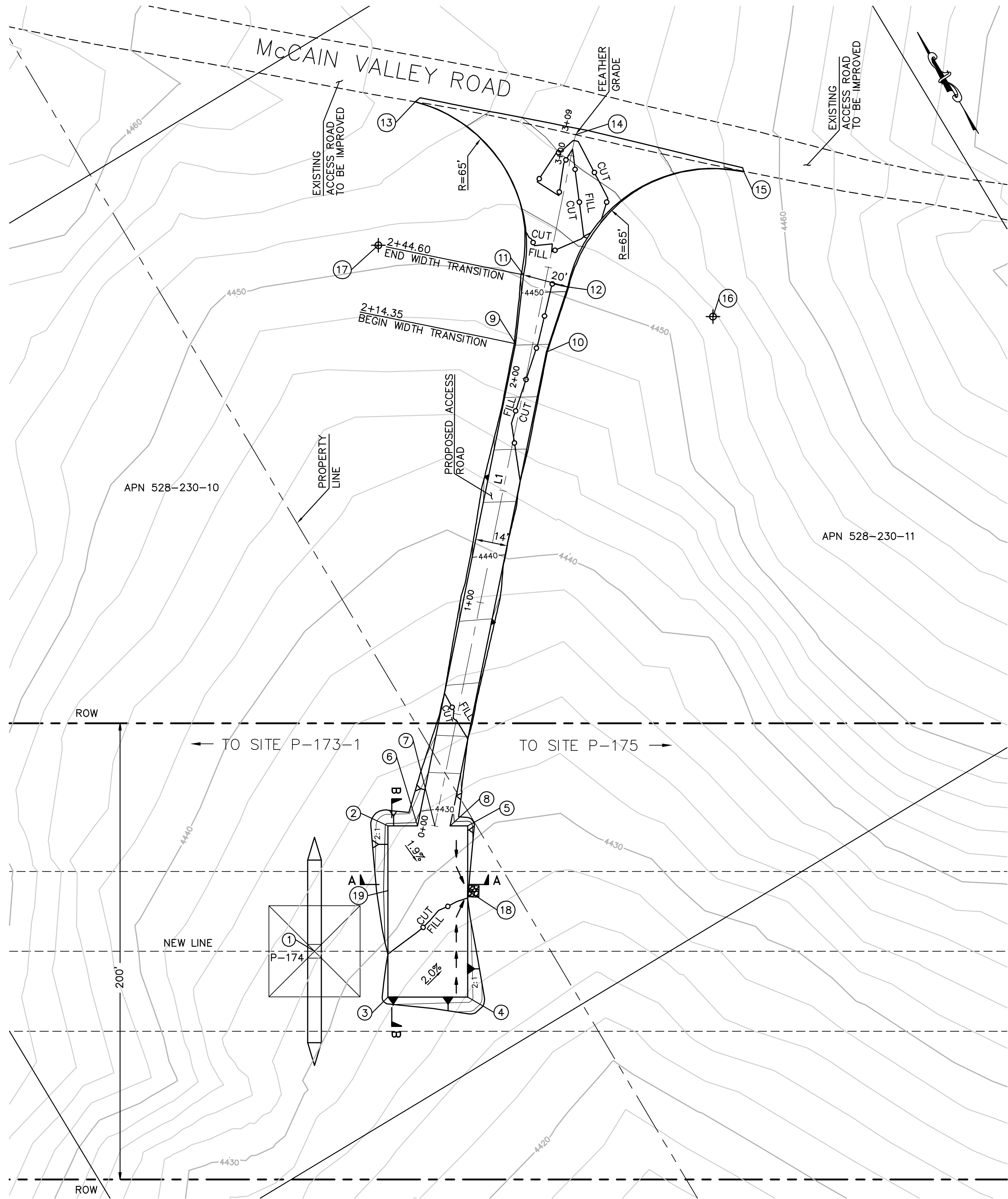
SPL-9B (LINK 1)

SITE P-173-1

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:		09B-P173-	
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09B-P173-1-S1

PN16919 SD&E SPL\CADD\09B.dwg\Plans\09B-P174-S1.dwg[May-25-2010]12:29

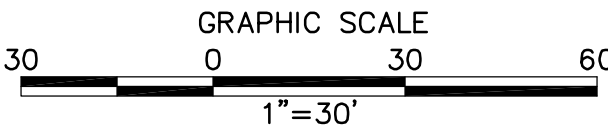


EARTH QUANTITIES:
CUT: 128 CY.
FILL: 100 CY.
NET: 28 CY.

DISTURBED AREA:
PAD: 3,606 SF
ROAD: 7,428 SF
TOTAL: 11,034 SF

QUANTITIES:
RIP RAP: 25 SF
LENGTH OF ACCESS ROAD: 319 LF

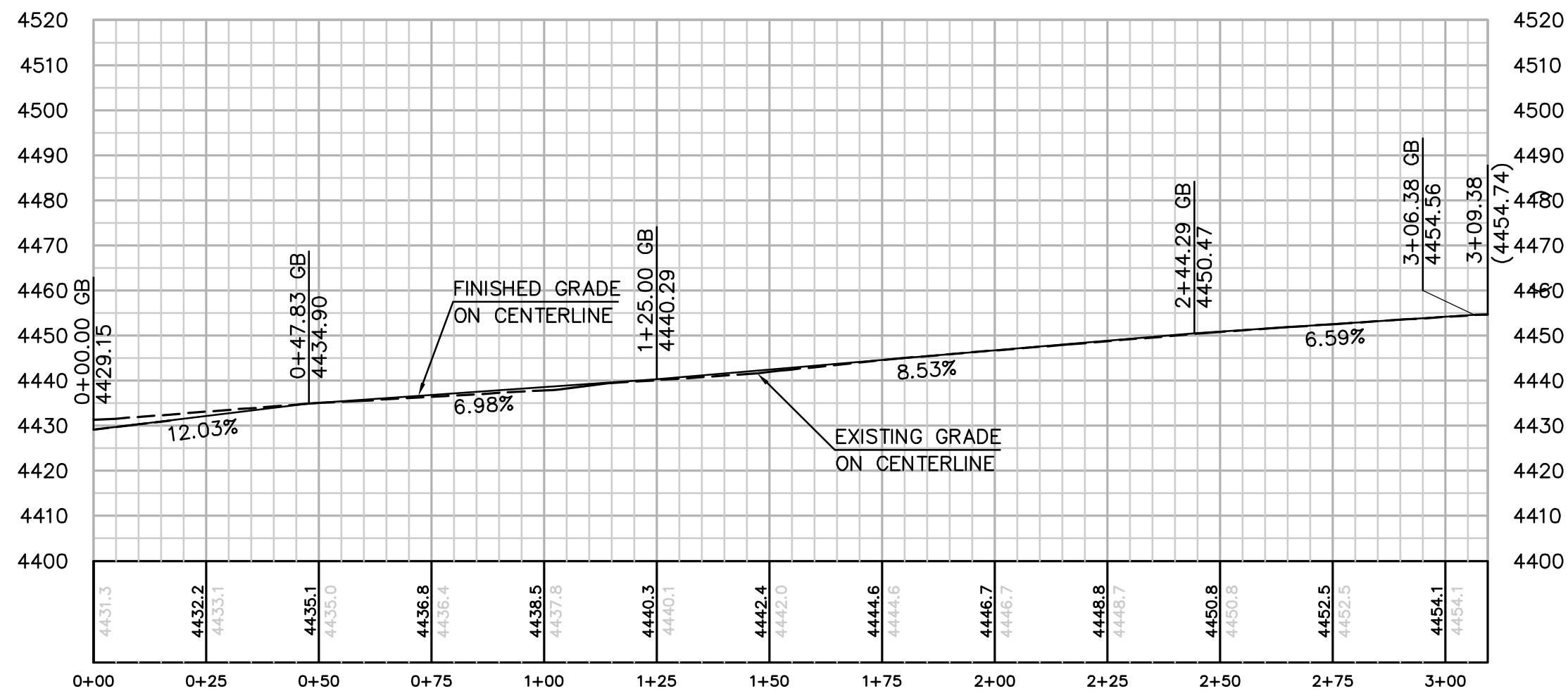
TOWER P-174 PLAN
SCALE: 1" = 30'



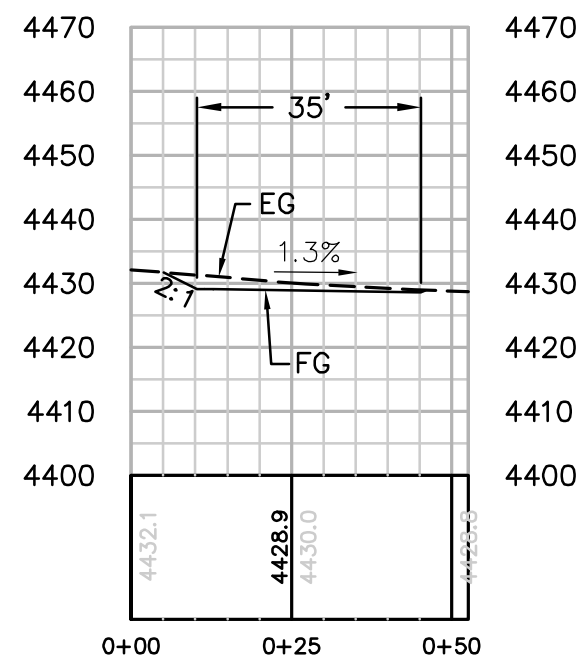
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-174	500 KV EXMT Lattice Tangent Tower	0.00	151.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1863841.61	6538094.77	(4432.66)	P-174
2	1863872.09	6538150.71	4429.44	FG
3	1863807.87	6538111.97	4429.85	FG
4	1863789.79	6538141.94	4429.65	FG
5	1863854.01	6538180.68	4428.95	FG
6	1863865.37	6538161.85	4429.25	FG
7	1863861.45	6538168.34	4429.15	CL
8	1863857.99	6538174.09	4429.06	FG
9	1864024.26	6538307.96	4448.24	FG
10	1864014.07	6538317.61	4447.89	FG
11	1864048.26	6538326.55	4450.67	BC
12	1864033.71	6538340.33	4450.22	BC
13	1864137.79	6538325.09	(4455.13)	EC
14	1864089.18	6538377.76	(4454.74)	CL
15	1864037.15	6538432.62	(4458.70)	EC
16	1863989.71	6538388.18		RP
17	1864092.26	6538278.70		RP
18	1863829.73	6538166.03	4428.53	FL
19	1863847.80	6538136.06	4429.07	FG

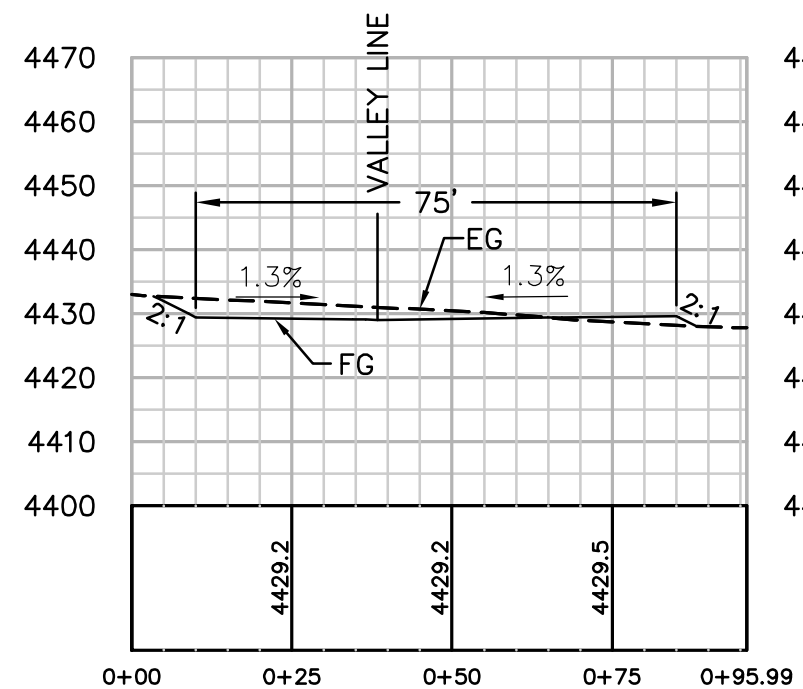
CENTERLINE DATA				
NUMBER	RADIUS	LENGTH	BEARING/Delta	ANGLE
L1		309.38	N42°36'05"E	



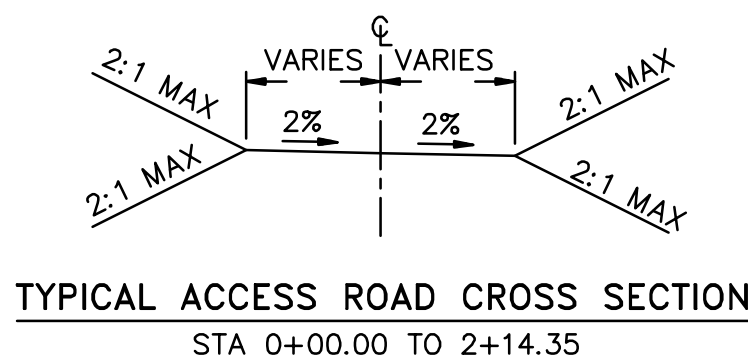
PROFILE: ACCESS ROAD TO TOWER P-174
HORIZ. & VERT. SCALE: 1" = 30'



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



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



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-9B (LINK 1)

SITE P-174

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

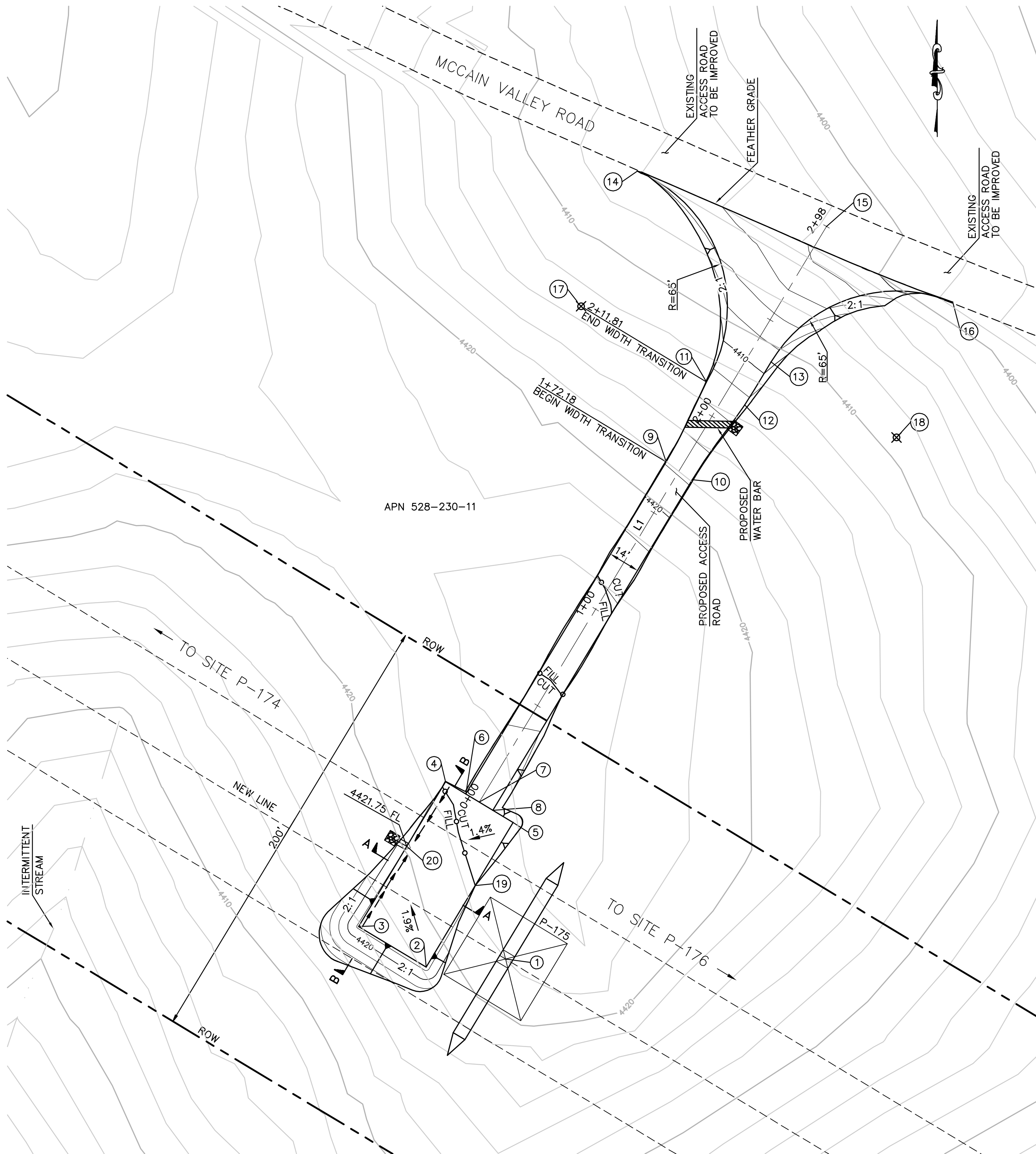
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PN16919 SD&E SPL\CADD\09B\dwg\plans\09B-P175-S1.dwg[May-25-2010]12:32

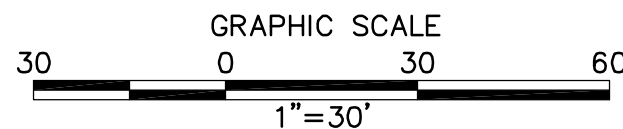


EARTH QUANTITIES:
CUT: 317 CY.
FILL: 290 CY.
NET: 27 CY.

DISTURBED AREA:
PAD: 3,911 SF
ROAD: 6,324 SF
TOTAL: 10,235 SF

QUANTITIES:
RIP RAP: 50 SF
DOWN DRAIN: 5 LF
LENGTH OF ACCESS ROAD: 298 LF

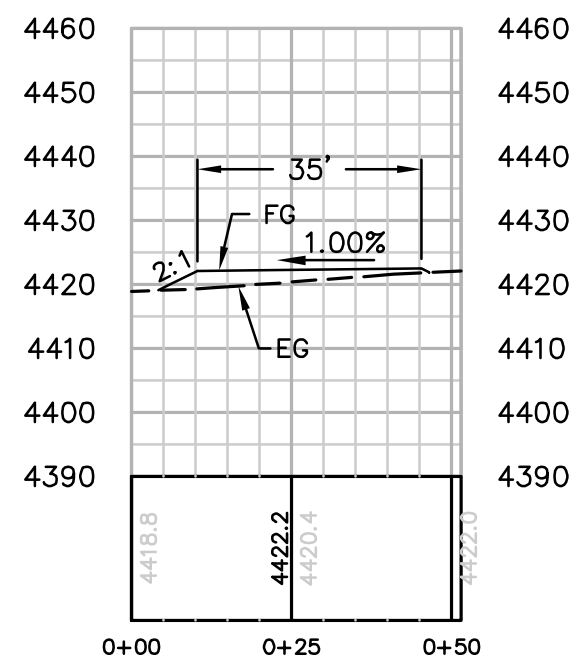
TOWER P-175 PLAN
SCALE: 1" = 30'



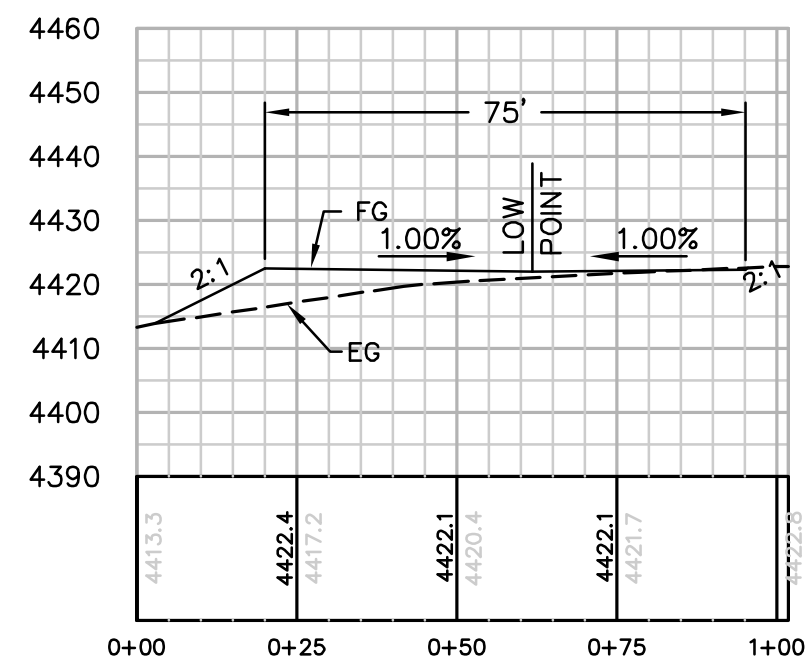
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-175	500 KV EXMT Lattice Tangent Tower	0.00	151.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1863185.65	6539182.12	(4420.82)	P-175
2	1863182.00	6539146.85	4422.75	FG
3	1863200.02	6539116.85	4422.40	FG
4	1863264.31	6539155.48	4422.00	FG
5	1863246.28	6539185.48	4422.38	FG
6	1863258.91	6539164.48	4422.11	FG
7	1863255.30	6539170.48	4422.19	CL/FG
8	1863251.68	6539176.47	4422.27	FG
9	1863406.34	6539253.42	4417.87	FG
10	1863398.45	6539265.01	4417.59	FG
11	1863441.83	6539271.33	4413.00	BC
12	1863431.61	6539288.31	4412.40	FG
13	1863450.76	6539300.07	4409.00	BC
14	1863535.43	6539240.62	(4406.17)	EC
15	1863510.85	6539324.64	(4401.84)	CL/FG
16	1863477.21	6539380.68	(4397.58)	EC
17	1863475.41	6539215.67		RP
18	1863417.19	6539355.73		RP
19	1863218.26	6539168.64	4422.33	FG
20	1863235.66	6539138.26	4421.98	FG/FL

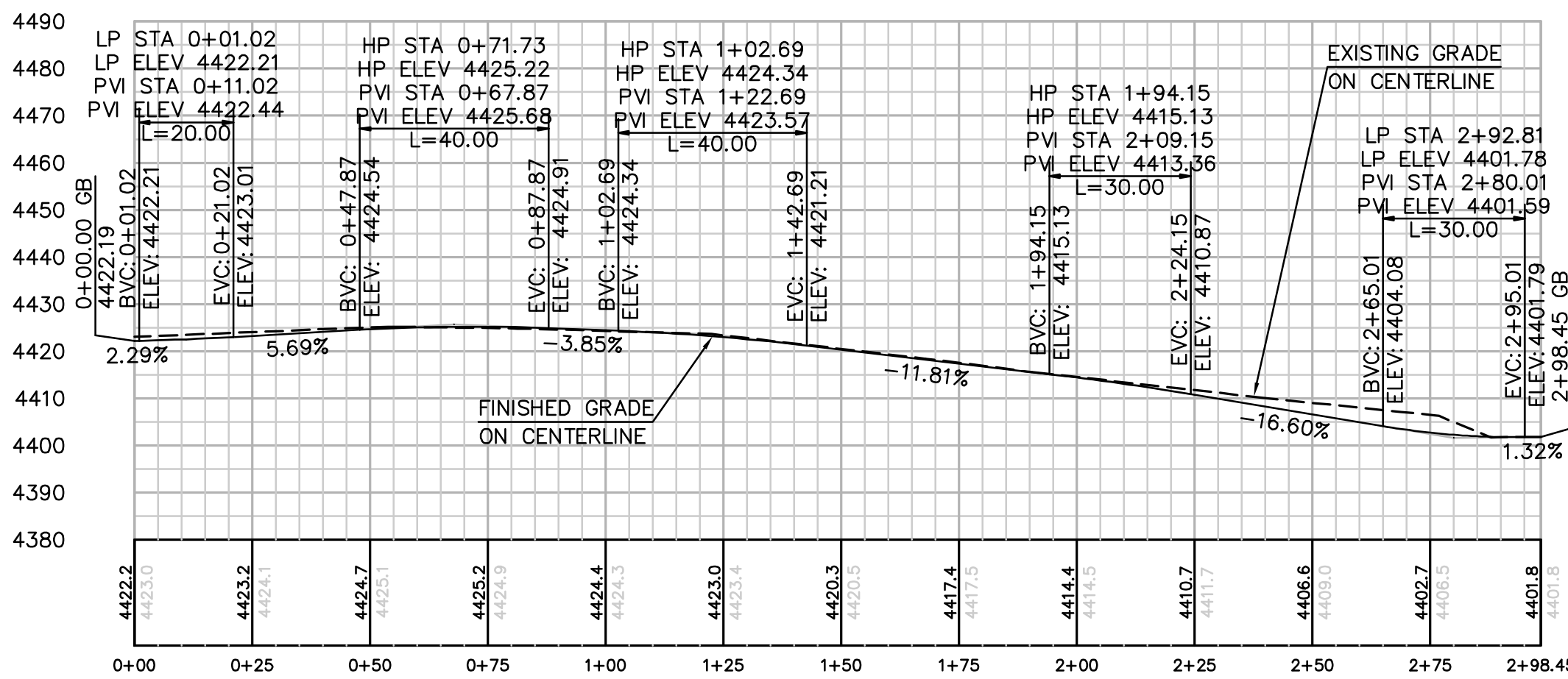
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		298.45	N31°06'02"E



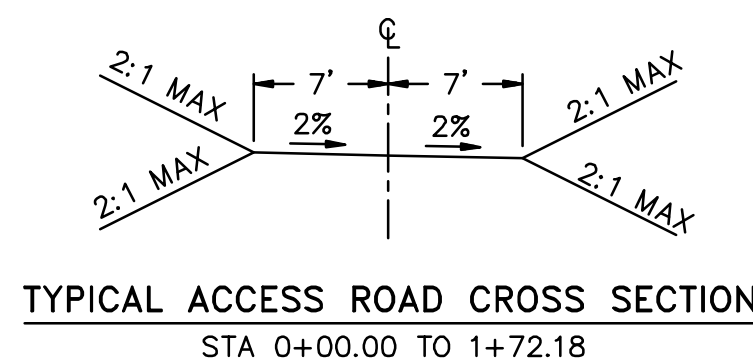
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD TO TOWER P-175
HORIZ. & VERT. SCALE: 1" = 30'



REVISIONS

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

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

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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
SITE P-175

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

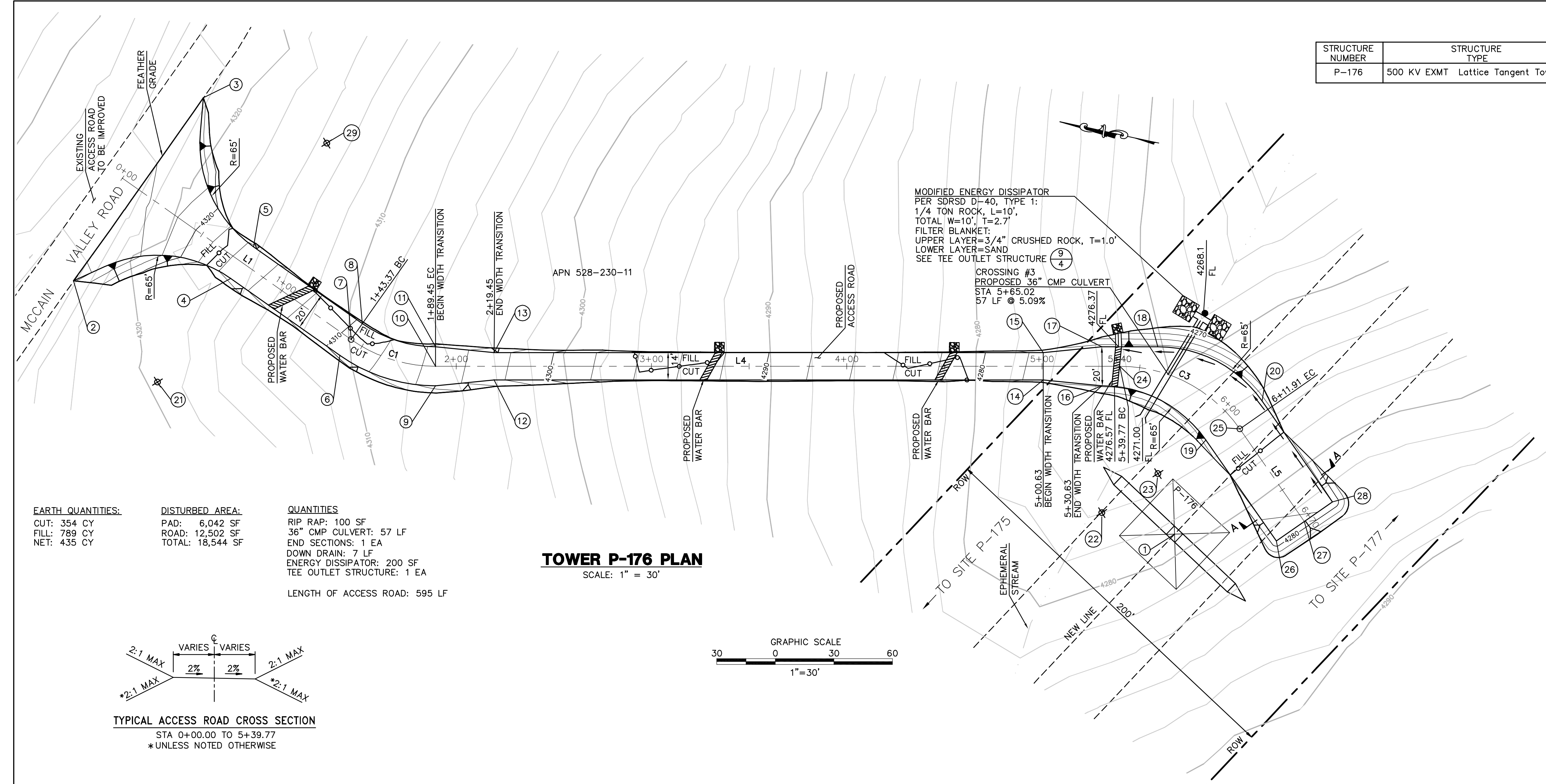
09B-P175-S1



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P:\16919 SD&E SPL\CADD\09B.dwg Plans\09B-P176-S1.dwg May-25-2010 12:55

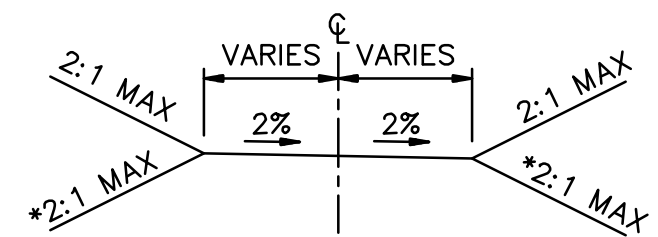


EARTH QUANTITIES:
CUT: 354 CY
FILL: 789 CY
NET: 435 CY

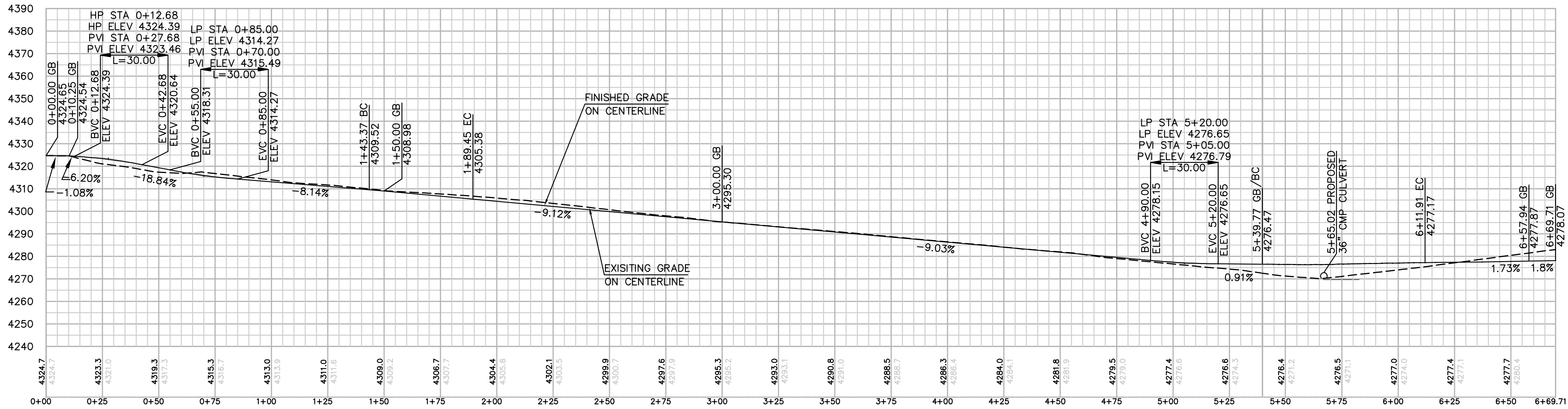
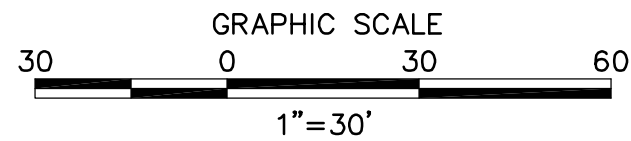
DISTURBED AREA:
PAD: 6,042 SF
ROAD: 12,502 SF
TOTAL: 18,544 SF

QUANTITIES
RIP RAP: 100 SF
36" CMP CULVERT: 57 LF
END SECTIONS: 1 EA
DOWN DRAIN: 7 LF
ENERGY DISSIPATOR: 200 SF
TEE OUTLET STRUCTURE: 1 EA

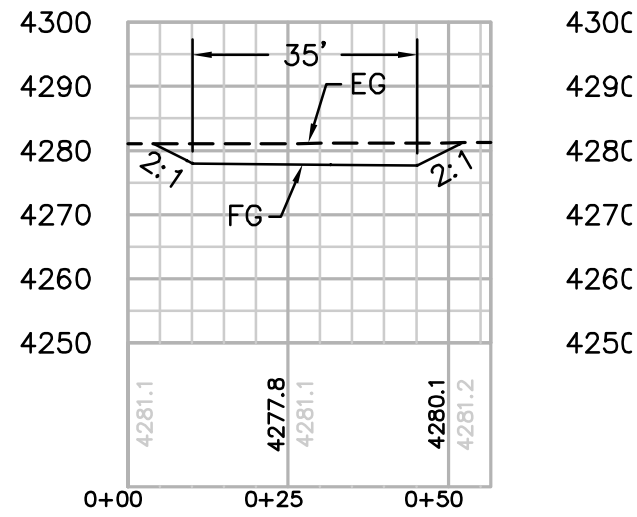
LENGTH OF ACCESS ROAD: 595 LF



TOWER P-176 PLAN
SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-176
HORIZ. & VERT. SCALE = 1" = 30'



SECTION A-A

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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-176	500 KV EXMT Lattice Tangent Tower	0.00	151.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	46.08	35°12'02"
C3	75.00	72.14	55°06'44"
L1		143.37	S22°58'41"W
L4		350.32	S12°13'21"E
L5		57.80	S42°53'22"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1862450.31	6540401.06	(4278.93)	P-176
2	1863028.81	6540408.51	(4326.37)	EG
3	1862983.68	6540514.29	(4322.64)	EG
4	1862950.47	6540426.78	4315.07	FG
5	1862942.40	6540445.09	4315.44	FG
6	1862887.44	6540400.06	4309.32	FG
7	1862883.54	6540409.26	4309.52	CL/BC
8	1862879.63	6540418.47	4309.72	FG
9	1862836.26	6540395.24	4305.18	FG
10	1862838.38	6540405.01	4305.38	CL/EC
11	1862840.50	6540414.79	4305.58	FG
12	1862807.58	6540404.52	4302.51	FG
13	1862810.54	6540418.20	4302.79	FG
14	1862532.77	6540464.05	4277.20	FG
15	1862535.74	6540477.73	4277.48	FG
16	1862502.82	6540467.47	4276.33	FG
17	1862507.05	6540487.02	4276.72	FG
18	1862478.98	6540493.10	4276.49	CL/BC
19	1862444.82	6540451.57	4277.14	FG
20	1862420.98	6540477.19	4277.10	CL/EC
21	1862975.84	6540366.94		RP
22	1862489.06	6540403.94		RP
23	1862465.22	6540429.57		RP
24	1862496.00	6540479.18	4276.47	CL/FG
25	1862429.08	6540460.83	4277.17	CL/EC
26	1862398.64	6540408.67	4278.23	FG
27	1862386.73	6540421.49	4278.07	CL/FG
28	1862374.82	6540434.31	4277.92	FG
29	1862917.03	6540504.93		RP



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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-176

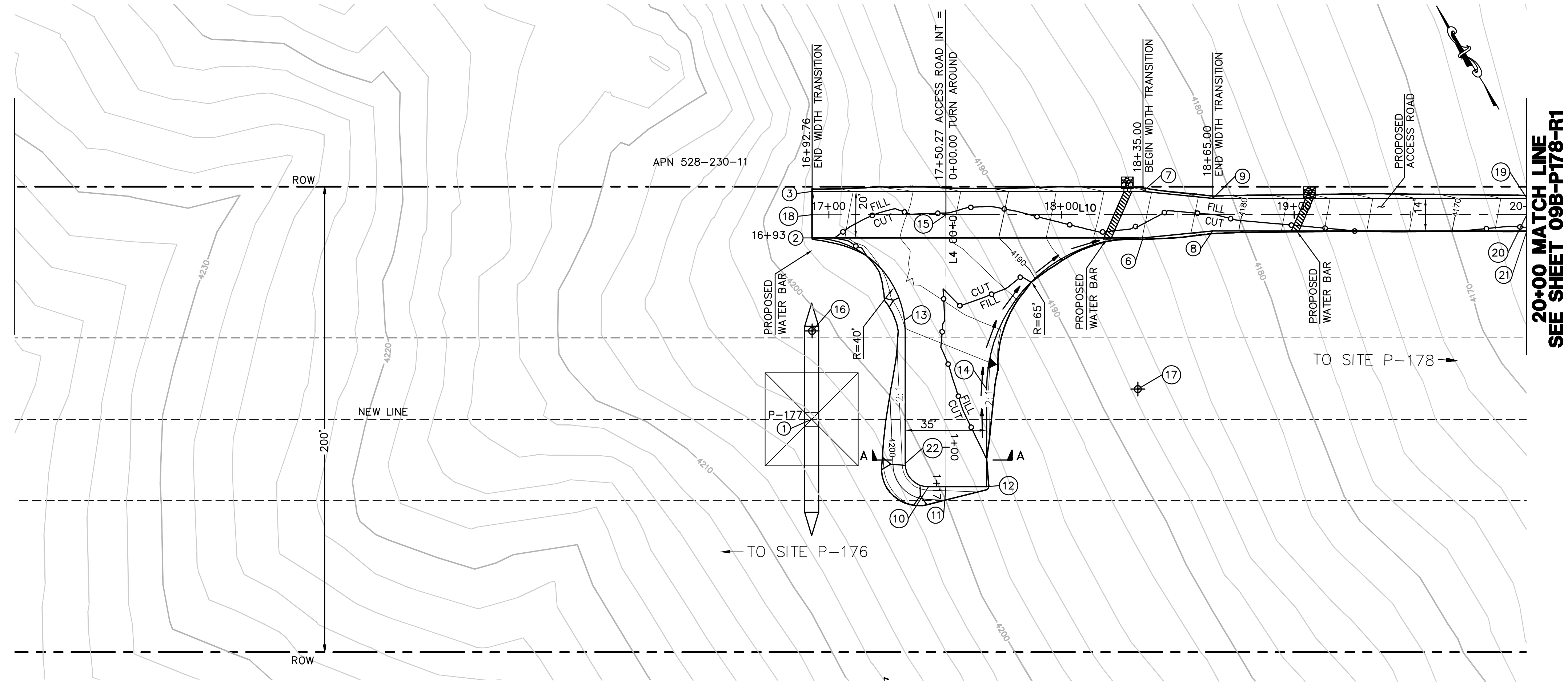
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P176-S1

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-177	500 KV EXMT - Lattice Tangent Tower	0.00	151.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L4		117.00	S31°06'03"W
L10		307.23	S58°53'57"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1861842.22	6541409.07	(4203.57)	P-177
2	1861908.95	6541449.47	4197.75	FG
3	1861926.07	6541459.80	4198.12	FG
6	1861835.48	6541571.26	4183.77	FG
7	1861852.60	6541581.59	4184.17	FG
8	1861822.55	6541598.49	4180.91	FG
9	1861834.54	6541605.73	4181.19	FG
10	1861791.50	6541437.01	4197.28	FG
11	1861787.63	6541443.43	4197.15	CL/FG
12	1861778.59	6541458.42	4196.63	FG
13	1861858.08	6541465.19	4195.83	FG
14	1861814.55	6541480.11	4196.27	FG
15	1861887.81	6541503.87	4192.23	CL/INT
16	1861874.70	6541428.80		RP
17	1861780.98	6541535.77		RP
18	1861917.51	6541454.63	4197.92	CL/FG
19	1861764.81	6541721.32	4166.58	FG
20	1861758.81	6541717.70	4166.44	CL/FG
21	1861752.82	6541714.08	4166.30	FG
22	1861805.23	6541433.61	4197.37	FG

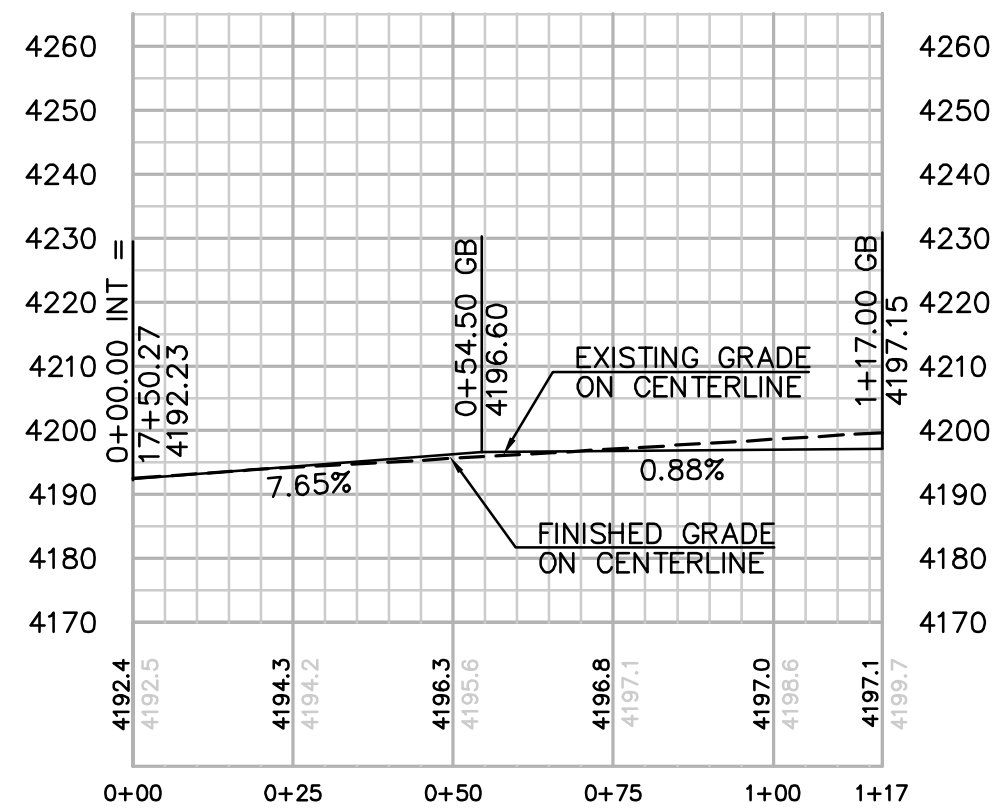


EARTH QUANTITIES:
CUT: 231 CY
FILL: 81 CY
NET: 150 CY

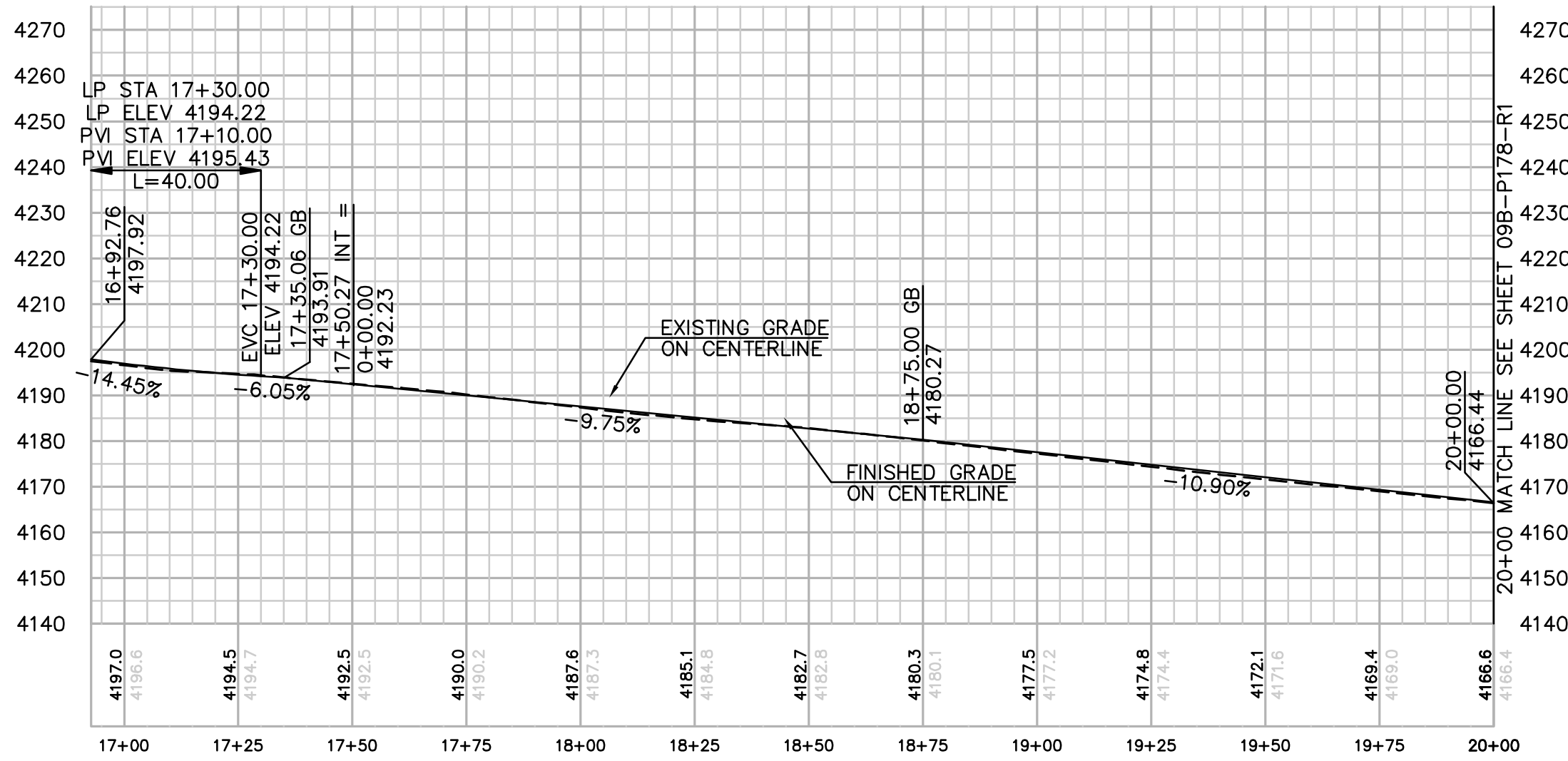
DISTURBED AREA:
PAD: 5,660 SF
ROAD: 6,164 SF
TOTAL: 11,824 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 2 LF
LENGTH OF ACCESS ROAD: 307 LF

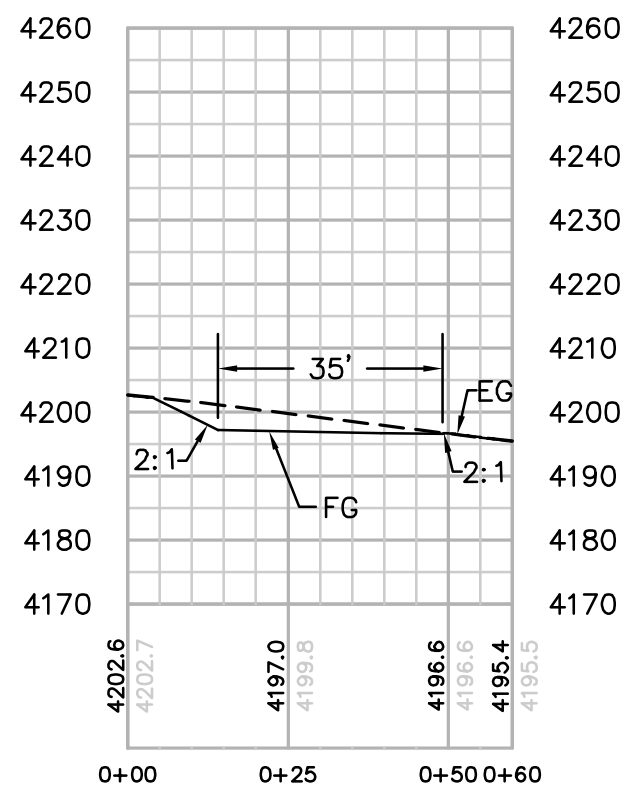
TOWER P-177 PLAN
SCALE: 1" = 30'



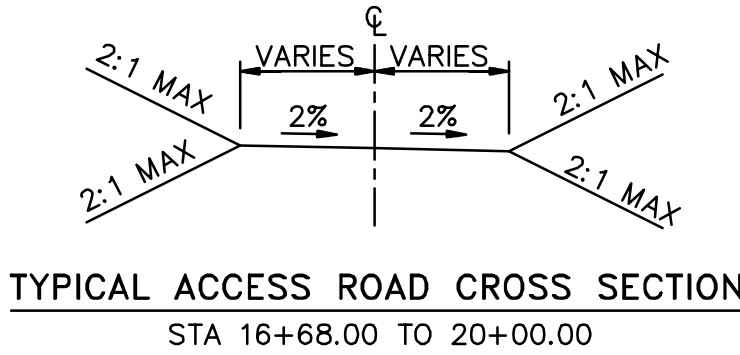
PROFILE: TURN AROUND
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-177 AND TOWER P-178
HORIZ. & VERT. SCALE: 1" = 30'



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 16+68.00 TO 20+00.00

REVISIONS

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SPL-9B (LINK 1)
SITE P-177

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

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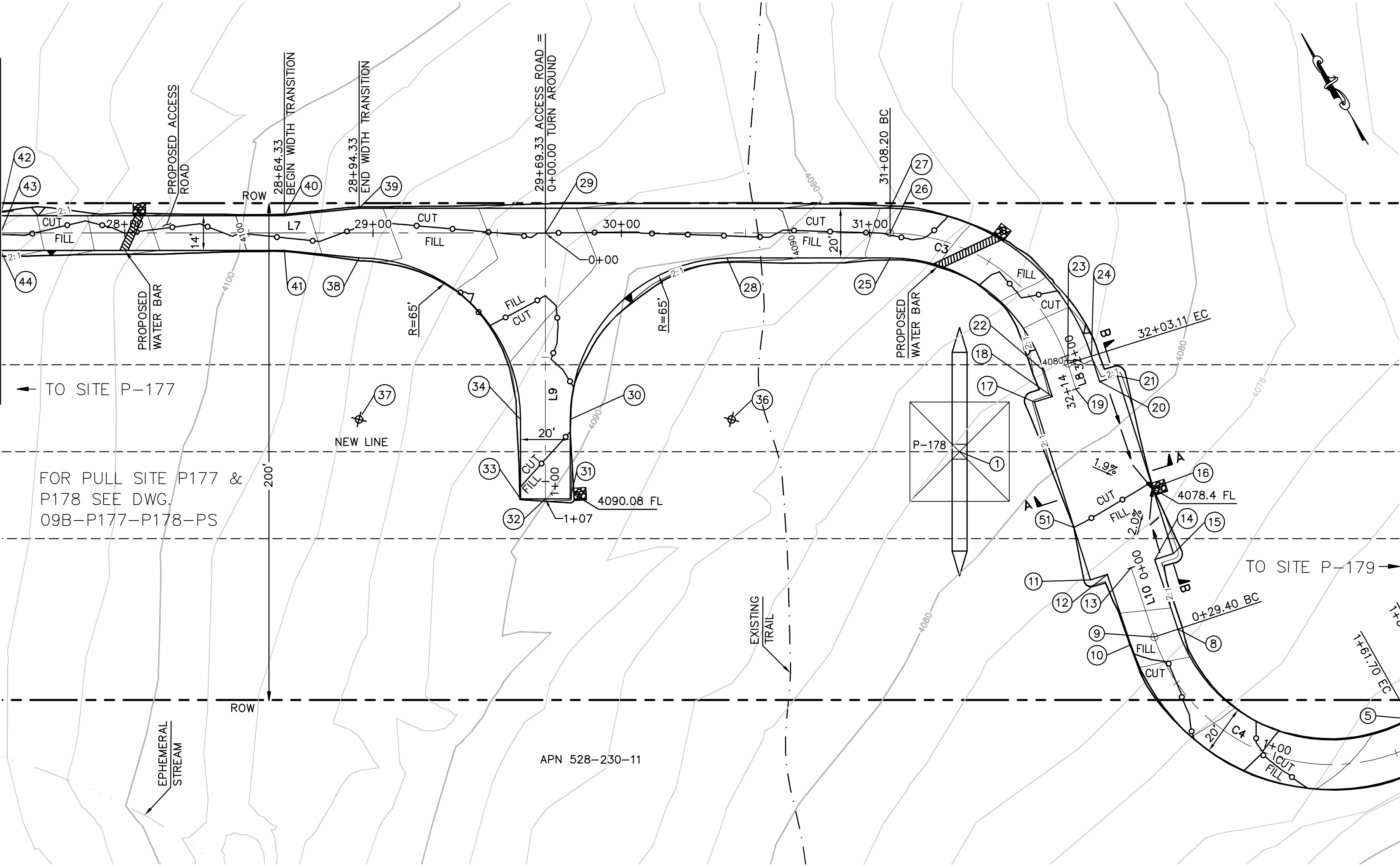


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P:\161919 SD&E SPL\CADD\09B-P178-S1.dwg [May-25-2016] 12:50

27+50 MATCH LINE
SEE SHEET 09B-P178-R1

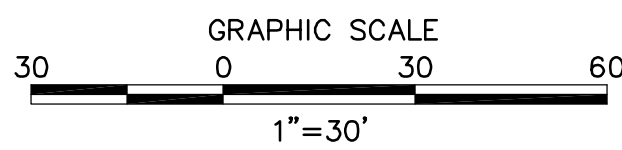


EARTH QUANTITIES: CUT: 169 CY
FILL: 131 CY
NET: 38 CY

DISTURBED AREA: PAD: 3,156 SF
ROAD: 17,321 SF
TOTAL: 20,477 SF

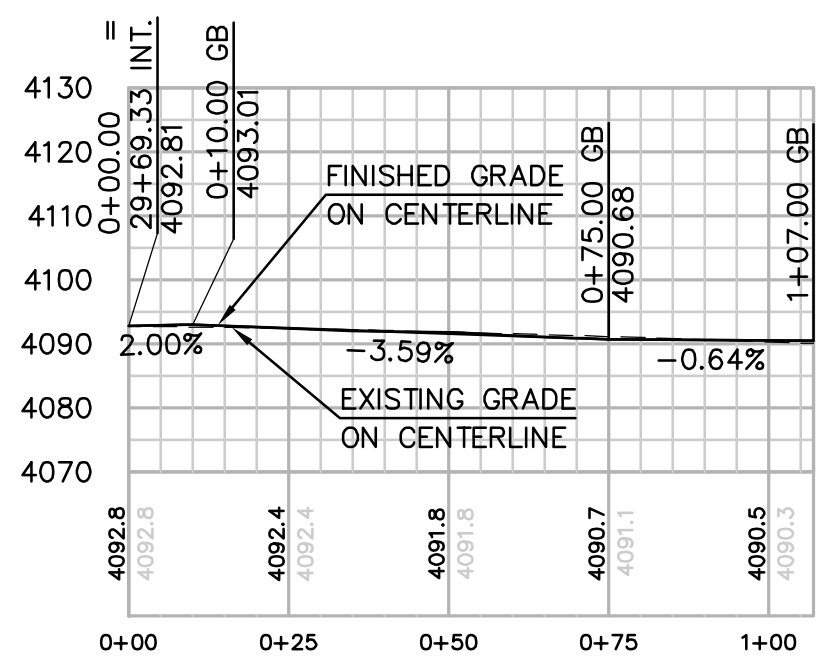
QUANTITIES
RIP RAP: 100 SF
LENGTH OF ACCESS ROAD: 751 LF

TOWER P-178 PLAN
SCALE: 1" = 30'

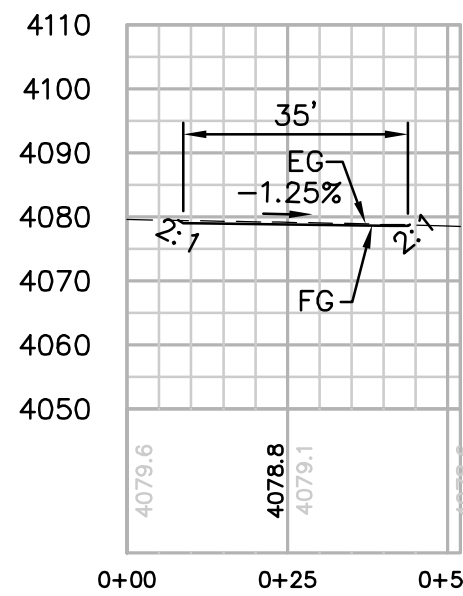


SEE SHEET 09B-P179-R1
1+80 MATCH LINE

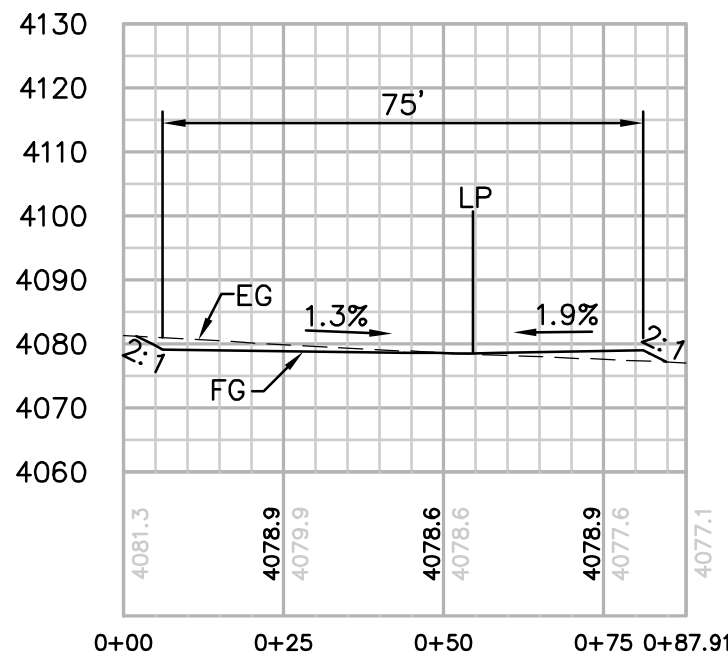
CENTERLINE DATA				
NUMBER	RADIUS	LENGTH	BEARING/DELTA	ANGLE
C3	75.00	94.92	72°30'39"	
C4	75.00	132.31	101°04'27"	
L7		358.20	S58°53'57"E	
L8		10.78	S13°36'41"W	
L9		107.00	S31°06'03"W	
L10		29.40	S12°45'35"W	
L11		18.30	S88°18'52"E	



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



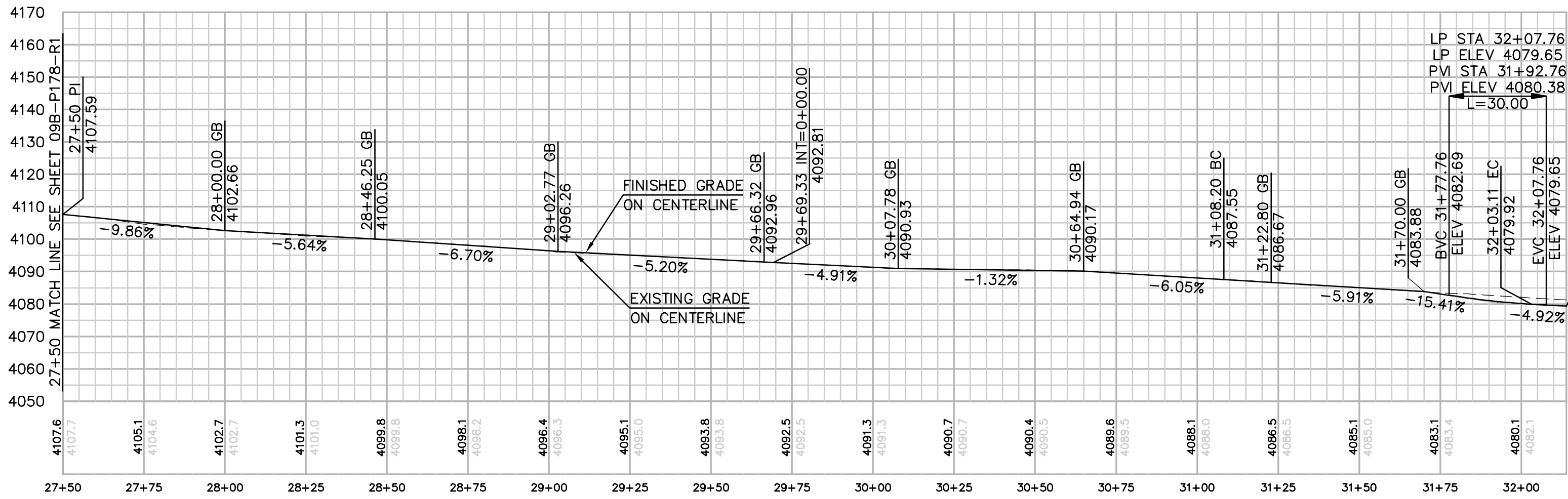
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



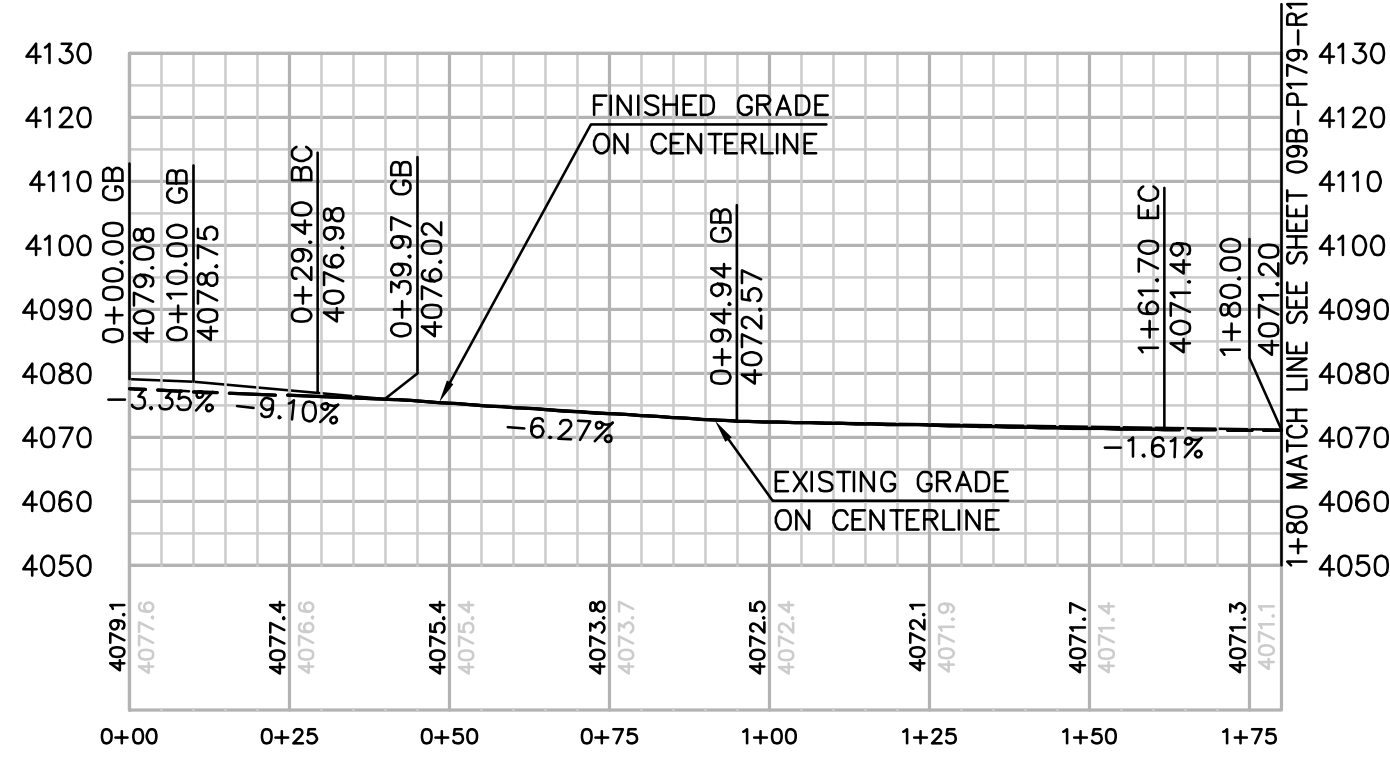
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1861096.58	6542645.10	(4082.10)	P-178
2	1860910.19	6542763.21	4071.40	FG
3	1860900.19	6542762.92	4071.20	CL
4	1860890.20	6542762.57	4071.00	FG
5	1860910.73	6542744.92	4071.69	FG
6	1860900.73	6542744.62	4071.49	CL/EC
7	1860890.73	6542744.33	4071.29	FG
8	1860990.05	6542683.44	4077.18	FG
9	1860992.26	6542673.68	4076.98	CL/BC
10	1860994.47	6542663.93	4076.78	FG
11	1861025.26	6542663.57	4079.20	FG
12	1861023.57	6542670.52	4079.16	FG
13	1861020.93	6542680.17	4079.08	CL
14	1861018.72	6542689.93	4079.07	FG
15	1861017.02	6542697.58	4079.00	FG
16	1861043.92	6542704.10	4078.40	FL
17	1861098.15	6542681.22	4079.63	FG
18	1861096.38	6542688.51	4079.53	FG
19	1861094.03	6542698.22	4079.39	CL
20	1861091.68	6542707.94	4079.25	FG
21	1861089.91	6542715.23	4079.13	FG
22	1861106.86	6542691.04	4079.72	FG

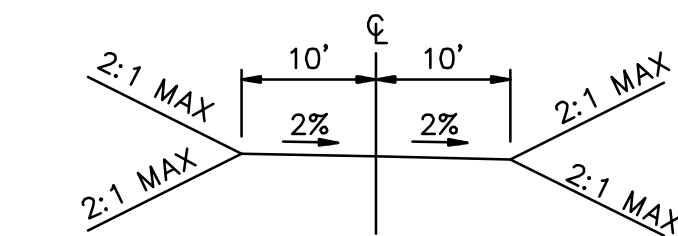
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
23	1861104.51	6542700.76	4079.92	CL/EC
24	1861102.15	6542710.48	4080.12	FG
25	1861177.81	6542661.44	4087.35	FG
26	1861186.38	6542666.61	4087.55	CL/BC
27	1861194.94	6542671.77	4087.75	FG
28	1861211.76	6542605.17	4090.67	FG
29	1861258.11	6542547.70	4092.81	CL/INT
30	1861188.72	6542517.53	4090.49	FG
31	1861161.32	6542501.00	4090.28	FG
32	1861166.49	6542492.43	4090.47	FG
33	1861171.65	6542483.87	4090.66	FG
34	1861199.05	6542500.40	4090.86	FG
36	1861155.15	6542573.18		RP
37	1861232.63	6542444.74		RP
38	1861288.28	6542478.32	4097.00	FG
39	1861305.41	6542488.65	4096.66	FG
40	1861318.34	6542461.41	4098.70	FG
41	1861306.35	6542454.18	4098.98	FG
42	1861377.40	6542363.50	4107.45	FG
43	1861371.40	6542359.90	4107.59	CL
44	1861365.40	6542356.29	4107.73	FG
51	1861046.69	6542668.75	4078.87	FG



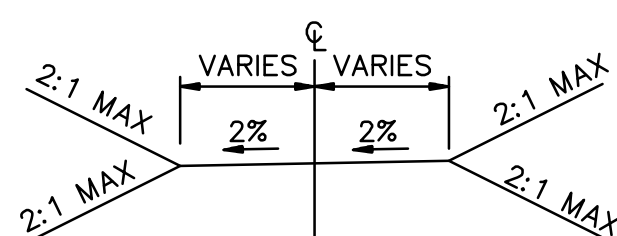
PROFILE: ACCESS ROAD TO TOWER P-178
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-179
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 31+00.00 TO 32+13.89
STA 0+00.00 TO 1+80.00
NTS



TYPICAL ACCESS ROAD CROSS SECTION
STA 27+50.00 TO 30+90.00
STA 0+10.00 TO 1+07.00 T.A.
NTS

REVISIONS

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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
SITE P-178

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

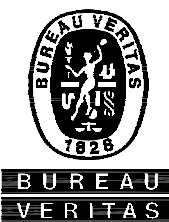
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NO.	WORK DONE	DATE	BY:	APP'D:	NO.

REVISIONS

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

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

SAN DIEGO GAS & ELECTRIC COMPANY SAN DIEGO, CALIFORNIA			
SPL-9B (LINK 1) ACCESS ROAD TO SITE P-178			
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		

09B-P178-R1

EARTH QUANTITIES:
CUT: 47 CY
FILL: 43 CY
NET: 4 CY

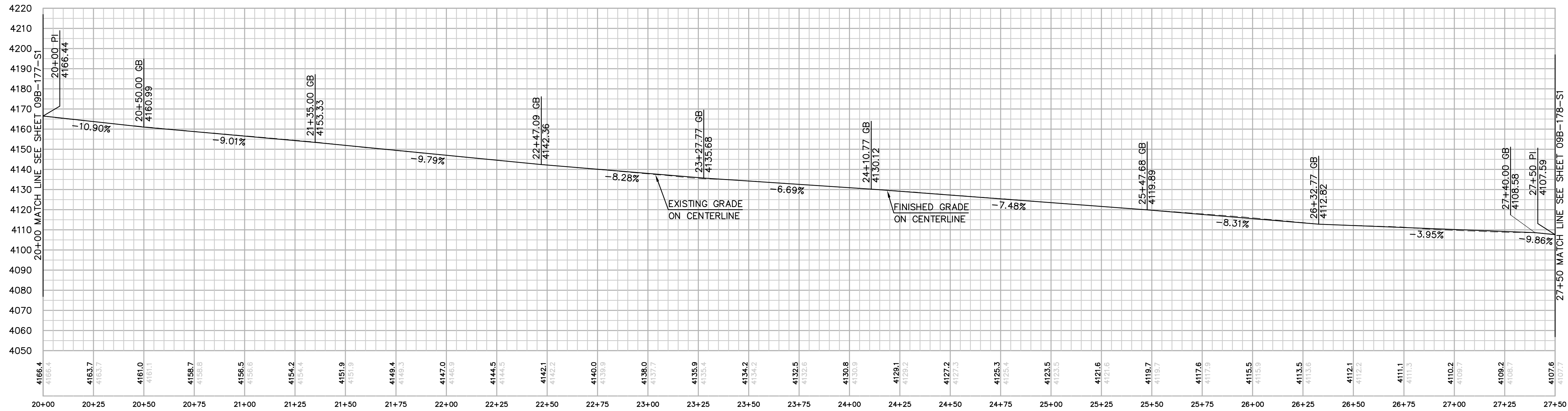
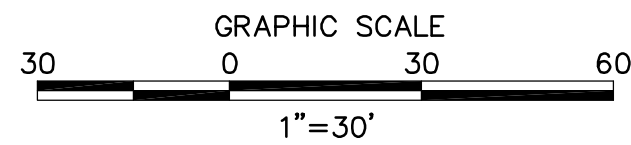
DISTURBED AREA:
ROAD: 11,643 SF
TOTAL: 11,643 SF

QUANTITIES:
RIP RAP: 150 SF
DOWN DRAIN: 5 LF

LENGTH OF ACCESS ROAD: 750 LF

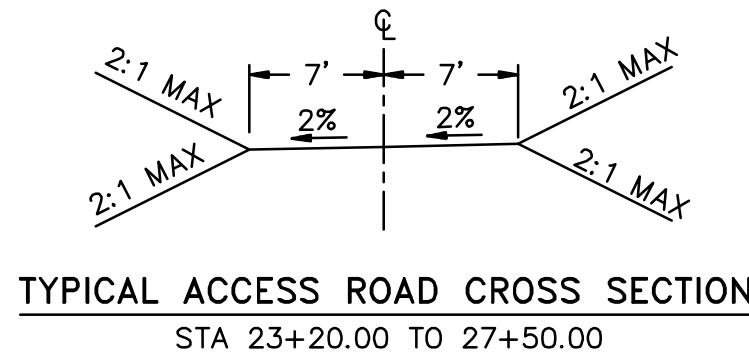
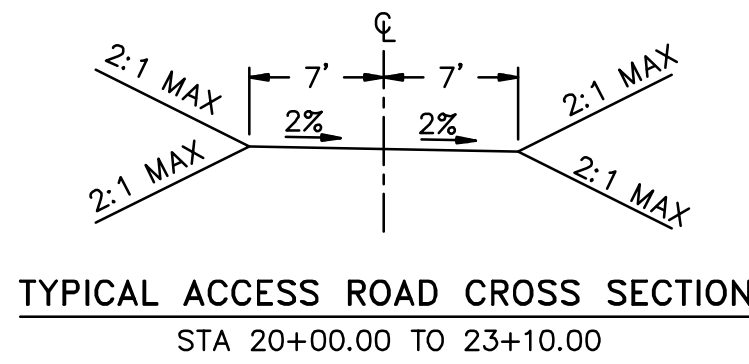
ACCESS ROAD TO TOWER P-178

SCALE: 1" = 30'



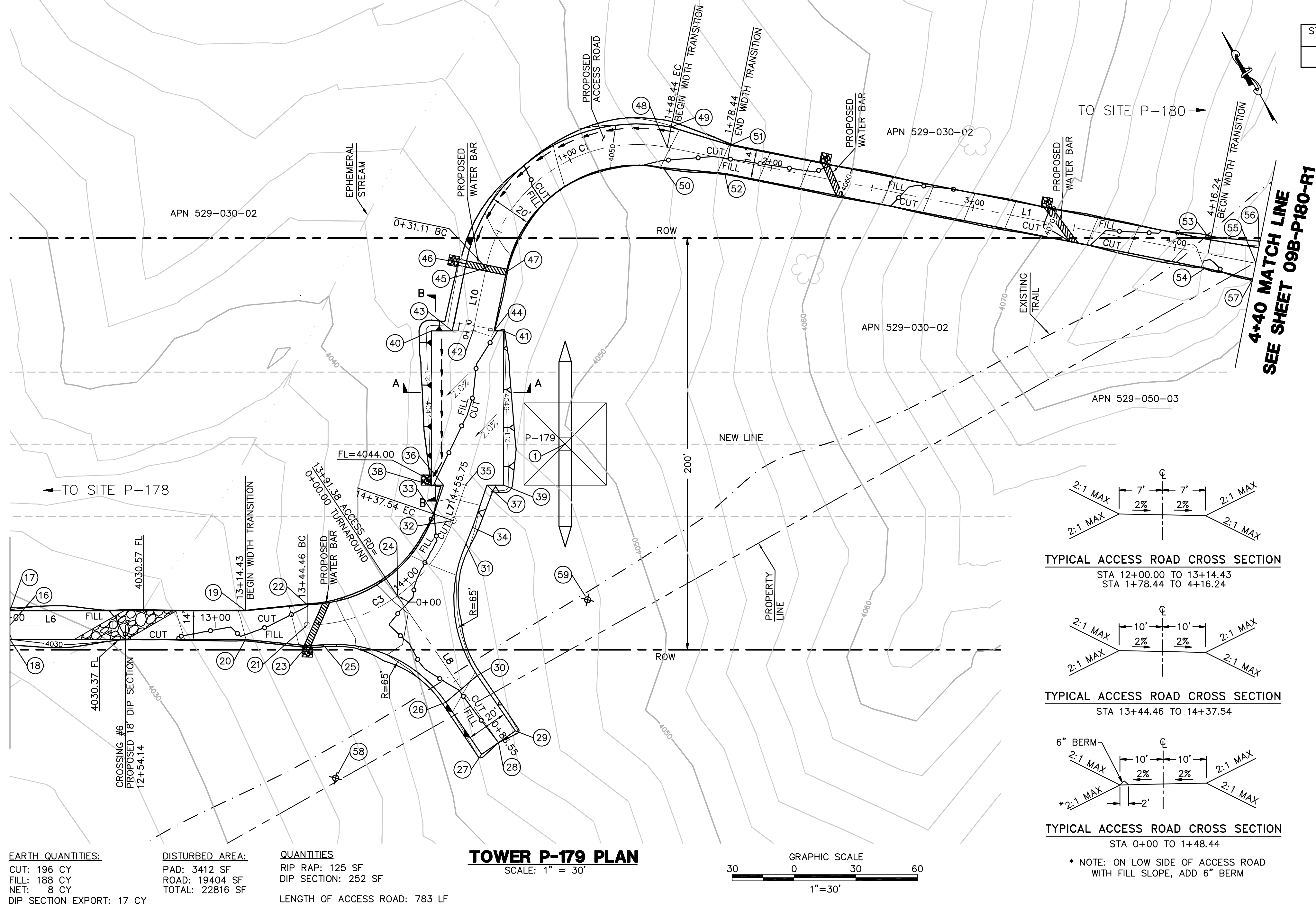
PROFILE: ACCESS ROAD TO TOWER P-178

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



P:\16919 SD&E SPL\CADD\09B.dwg Plans\09B-P179-S1.dwg [May-25-2010] 1409

12+00 MATCH LINE
SEE SHEET 09B-P179-R2

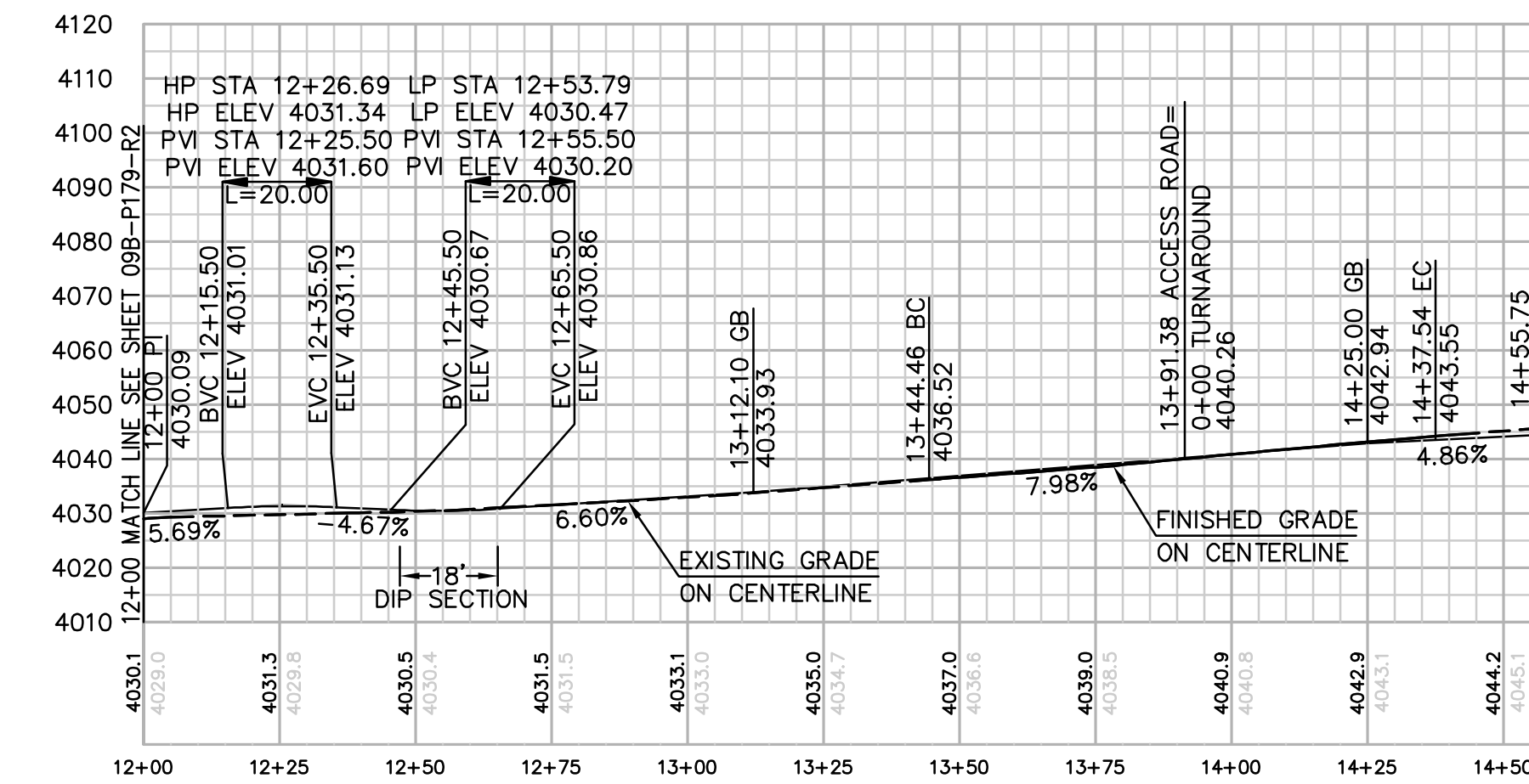
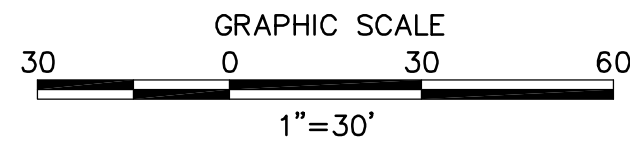


EARTH QUANTITIES:
CUT: 196 CY
FILL: 188 CY
NET: 8 CY
DIP SECTION EXPORT: 17 CY

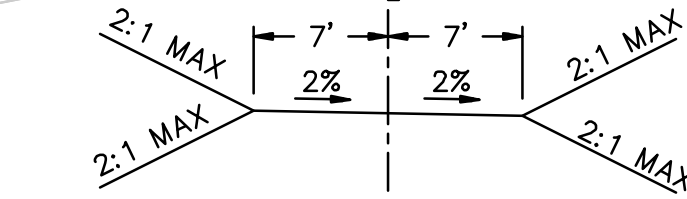
DISTURBED AREA:
PAD: 3412 SF
ROAD: 19404 SF
TOTAL: 22816 SF

QUANTITIES
RIP RAP: 125 SF
DIP SECTION: 252 SF
LENGTH OF ACCESS ROAD: 783 LF

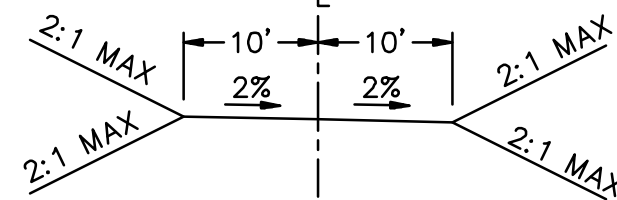
TOWER P-179 PLAN
SCALE: 1" = 30'



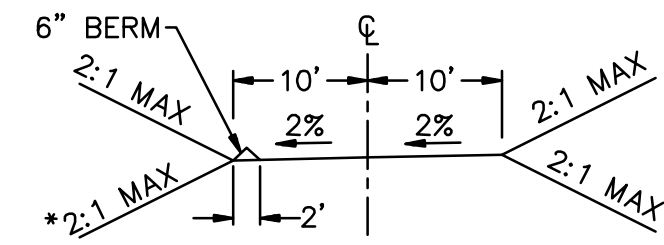
PROFILE: ACCESS ROAD TO TOWER P-179
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 12+00.00 TO 13+14.43

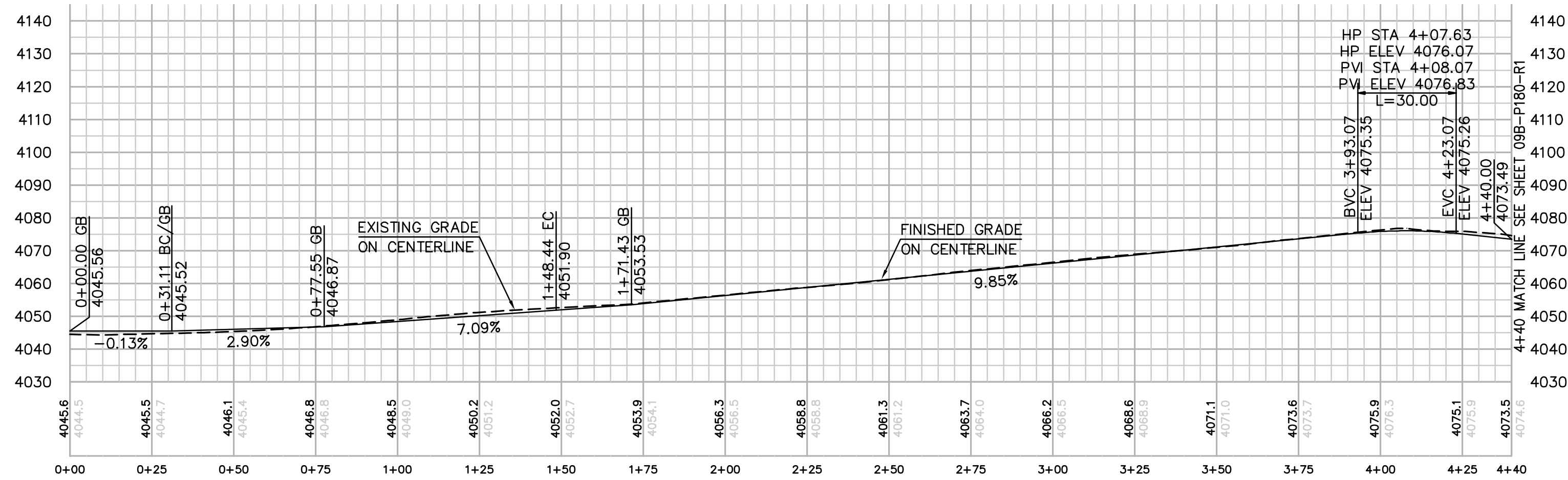


TYPICAL ACCESS ROAD CROSS SECTION
STA 13+14.46 TO 14+37.54



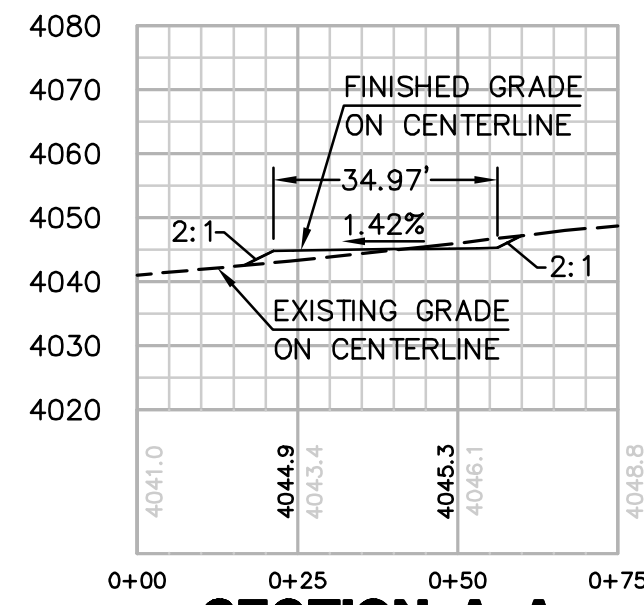
TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 1+48.44

* NOTE: ON LOW SIDE OF ACCESS ROAD
WITH FILL SLOPE, ADD 6" BERM



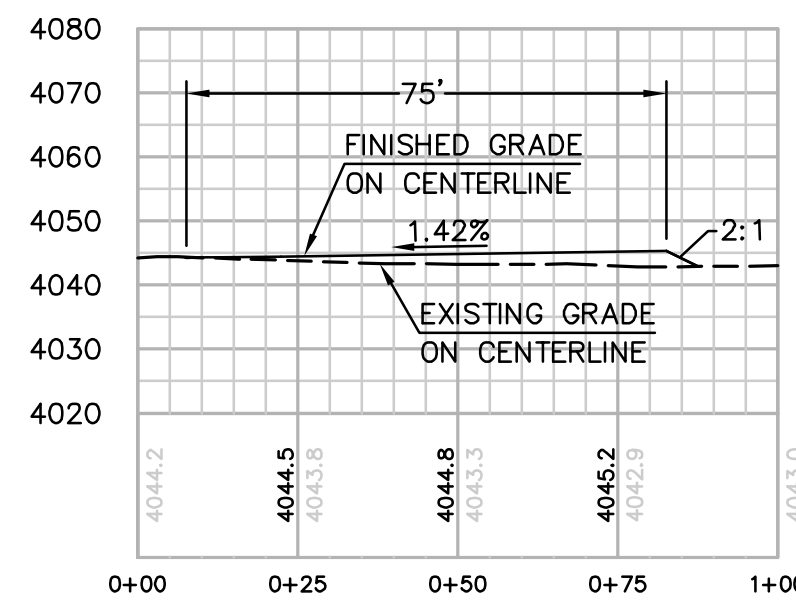
PROFILE: ACCESS ROAD TO P-180
HORIZ. & VERT. SCALE: 1" = 30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-179	500 KV EXMT Lattice Tangent Tower	0.00	136.50



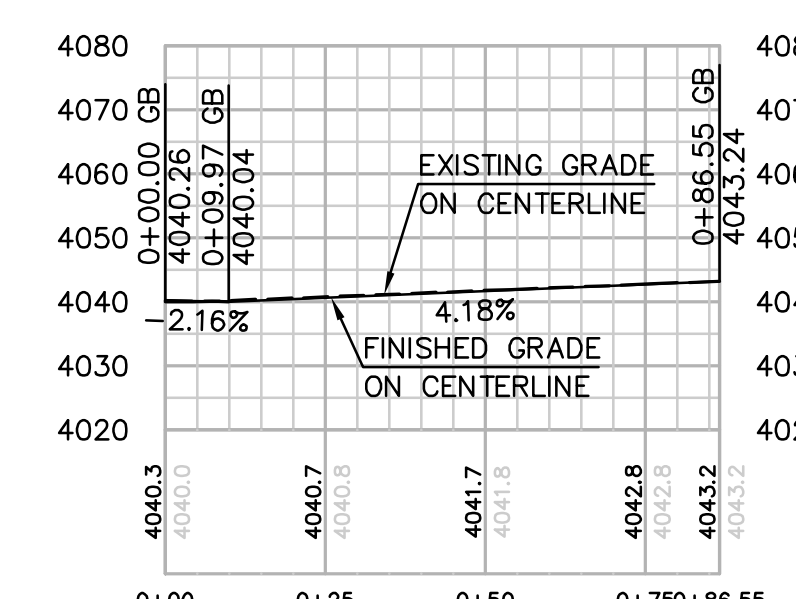
SECTION A-A

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



SECTION B-B

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



PROFILE: TURNAROUND

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

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L8		86.55	S03°25'43"E
L6		144.45	S58°55'12"E
C3	75.00	93.08	71°06'36"
L7		18.21	N49°58'11"E
C1	75.00	117.32	89°37'47"
L1		291.56	S47°44'43"E
L10		31.11	N42°37'30"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1860328.02	6543919.12	(4049.55)	P-179
16	1860391.96	6543642.65	4030.09	CL/FG
17	1860398.01	6543646.28	4030.23	FG
18	1860385.98	6543639.06	4029.95	FG
19	1860338.90	6543744.27	4034.26	FG
20	1860326.89	6543737.06	4033.98	FG
21	1860317.39	6543766.37	4036.52	CL/BC
22	1860325.97	6543771.51	4036.71	BC
23	1860308.83	6543761.20	4036.32	BC
24	1860306.88	6543811.30	4040.26	CL/INT
25	1860305.10	6543768.08	4036.85	PRC
26	1860250.48	6543804.66	4041.76	EC
27	1860219.89	6543806.49	4043.04	FG
28	1860220.49	6543816.48	4043.24	CL
29	1860221.09	6543826.46	4043.44	FG
30	1860253.67	6543824.51	4042.08	BC
31	1860311.32	6543852.86	4042.98	PRC
32	1860324.20	6543853.32	4043.55	CL/EC
33	1860331.85	6543846.89	4043.75	EC
34	1860316.54	6543859.76	4043.35	EC
35	1860335.91	6543867.27	4044.44	CL
36	1860341.39	6543858.24	4044.30	FG
37	1860330.47	6543876.33	4044.59	FG
38	1860344.41	6543853.22	4044.21	FG
39	1860326.33	6543883.19	4044.71	FG
40	1860408.65	6543891.93	4045.27	FG
41	1860390.59	6543921.86	4045.77	FG
42	1860398.18	6543909.34	4045.56	CL
43	1860403.43	6543900.59	4045.42	FG
44	1860392.88	6543918.06	4045.71	FG
45	1860421.07	6543930.41	4045.52	CL/BC
46	1860427.84	6543923.06	4045.32	BC
47	1860414.30	6543937.77	4045.72	BC
48	1860425.79	6544036.03	4051.90	CL/EC
49	1860433.19	6544042.75	4051.70	EC
50	1860418.39	6544029.31	4052.10	EC
51	1860410.80	6544062.94	4054.08	FG
52	1860400.44	6544053.53	4054.36	FG
53	1860250.90	6544238.95	4075.66	FG
54	1860240.53	6544229.54	4075.94	FG
55	1860229.74	6544251.83	4073.49	CL/FG
56	1860235.51	6544257.07	4073.34	FG
57	1860223.97	6544246.59	4073.65	FG
58	1860246.59	6543739.78		RP
59	1860257.56	6543889.39		RP

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-179

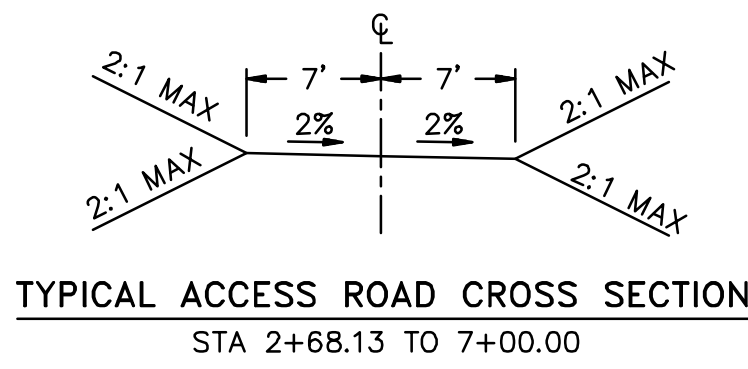
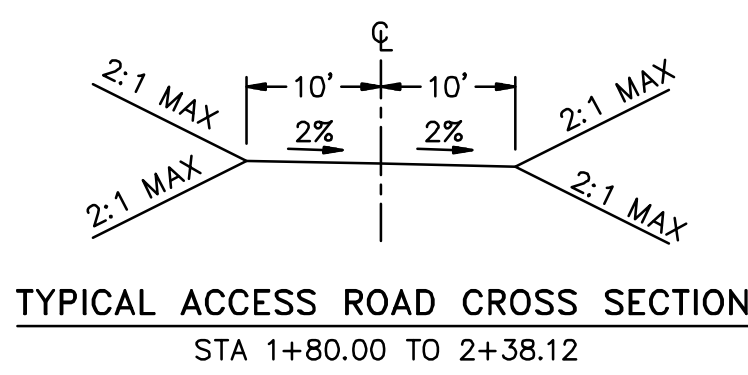
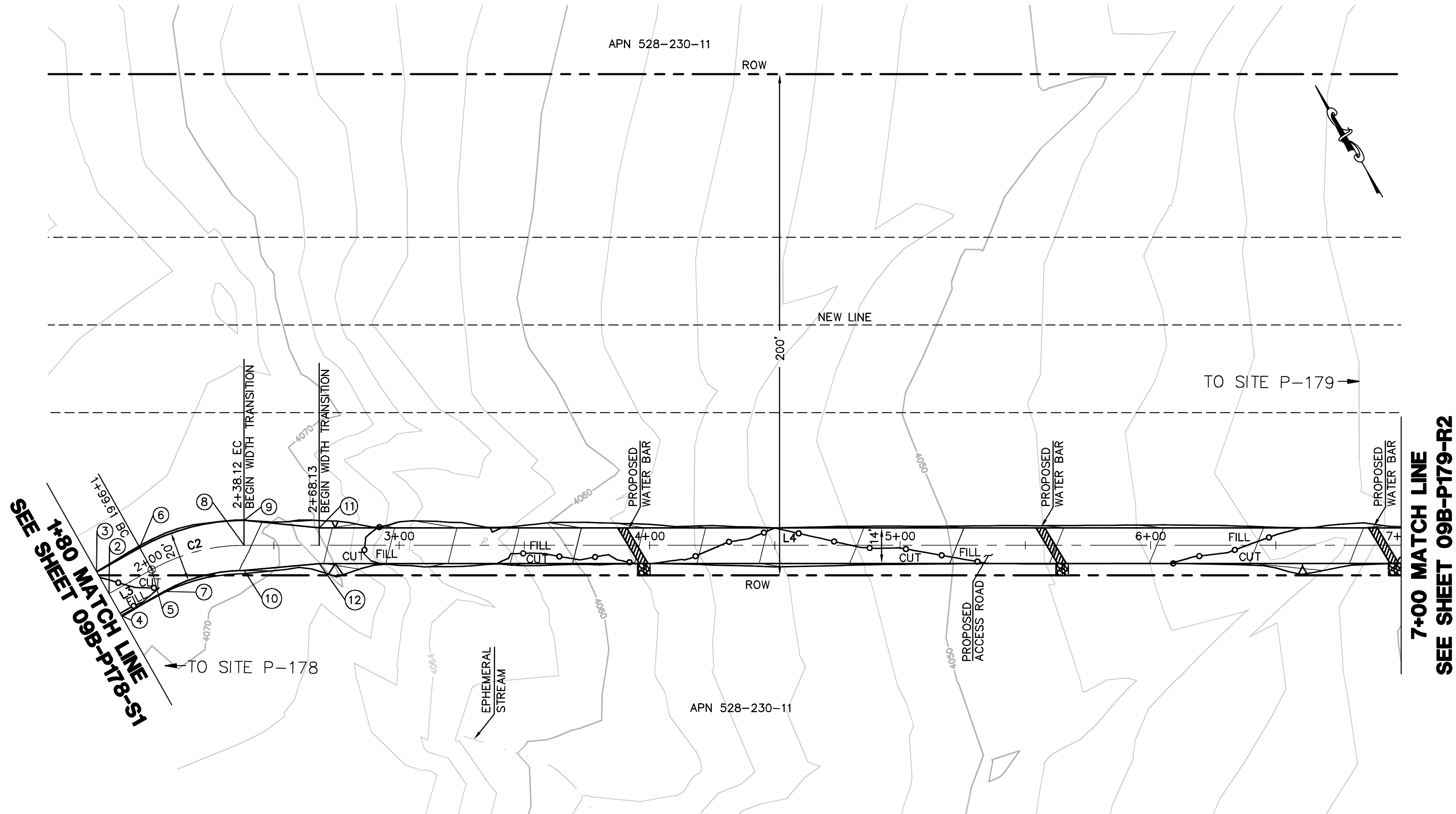
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1 = 1			

09B-P179-S1



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CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L3		19.61	S88°18'52"E
C2	75.00	38.50	29°24'55"
L4		461.88	S58°53'57"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	1860900.19	6542762.92	4071.20	CL/FG
3	1860910.19	6542763.21	4071.40	FG
4	1860890.20	6542762.62	4071.00	FG
5	1860899.61	6542782.52	4070.88	CL/BC
6	1860909.61	6542782.81	4071.08	BC
7	1860889.62	6542782.23	4070.68	BC
8	1860888.87	6542819.05	4070.12	CL/EC
9	1860897.43	6542824.22	4070.32	EC
10	1860880.30	6542813.89	4069.92	EC
11	1860879.36	6542848.36	4068.43	FG
12	1860867.16	6542841.01	4068.14	FG

EARTH QUANTITIES: CUT: 73 CY
FILL: 65 CY
NET: 8 CY

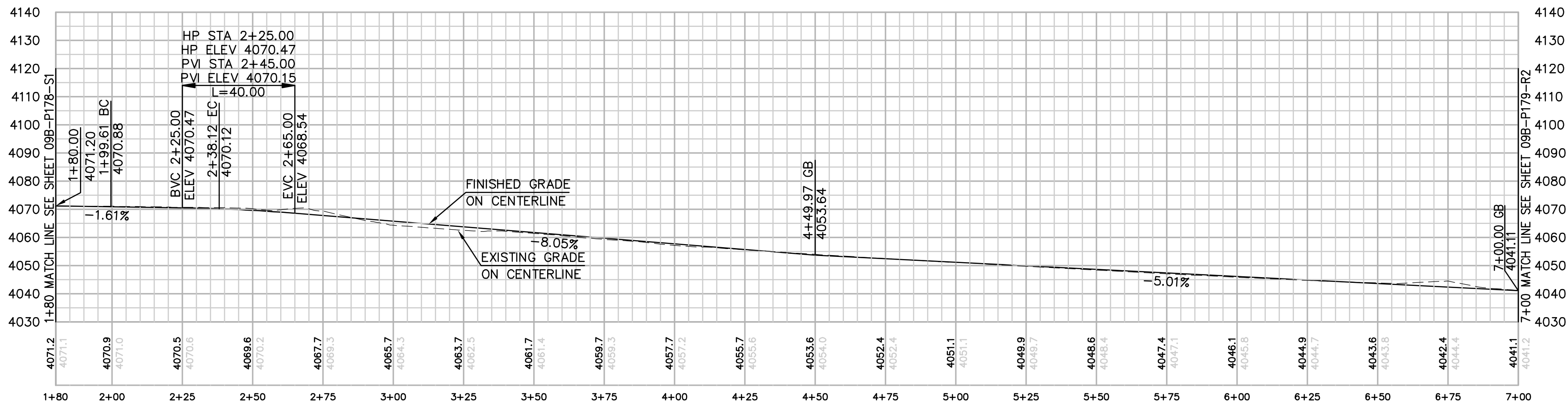
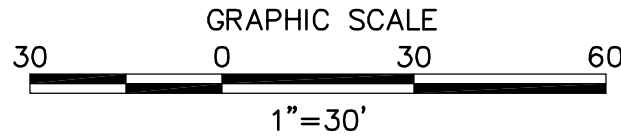
QUANTITIES: RIP RAP: 75 SF

DISTURBED AREA: ROAD: 11372 SF
TOTAL: 11372 SF

LENGTH OF ACCESS ROAD: 520 LF

ACCESS ROAD TO TOWER P-179

SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-179

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

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-9B (LINK 1)
ACCESS ROAD TO SITE P-179

DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:	09B-P179-R1	
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		



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P:\161919 SD&E SPL\CADD\09B.dwg\Plans\09B-P180-S1.dwg[Moy-25-2010]1410



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REVISIONS

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

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

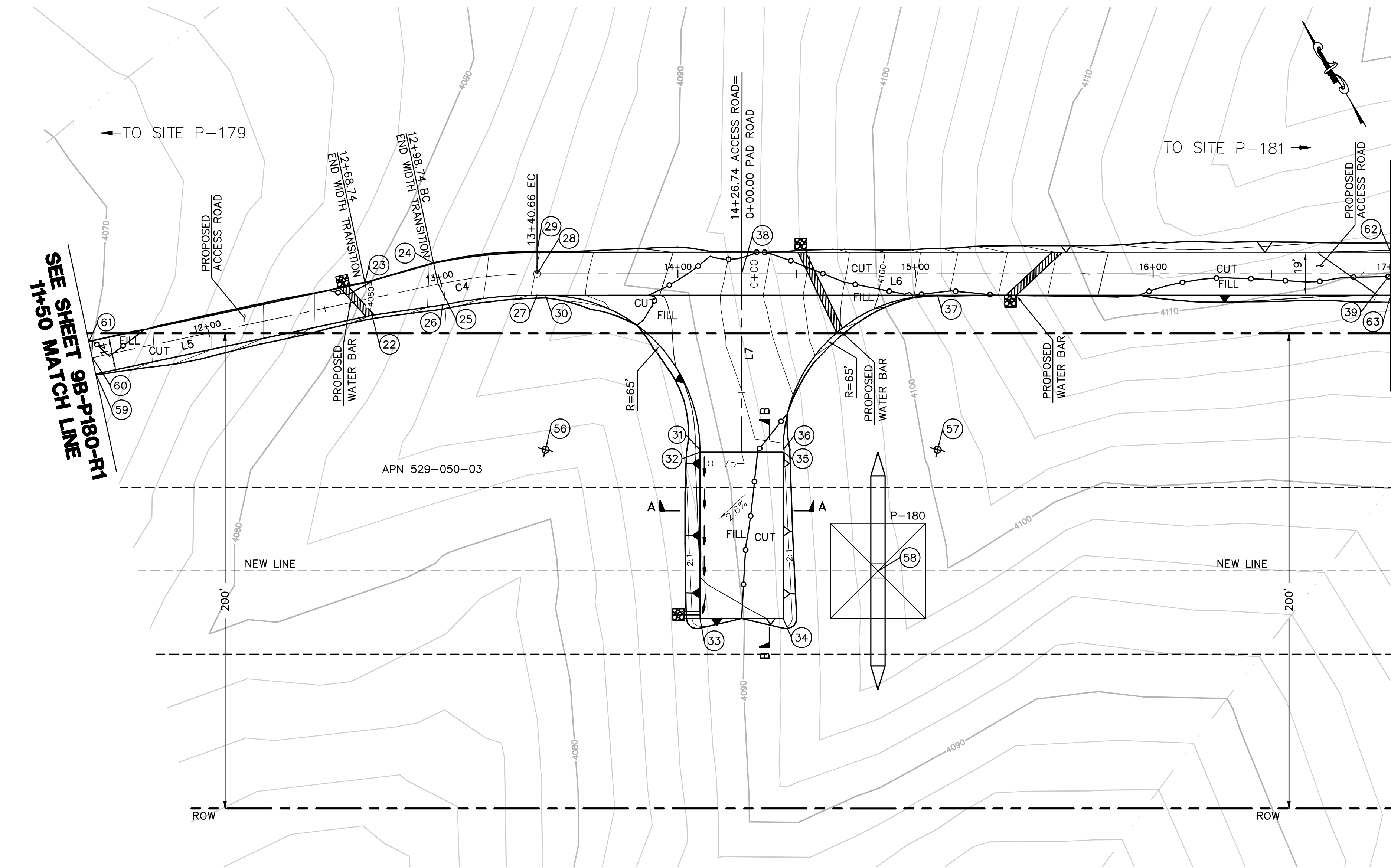
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-180

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

09B-P180-S1



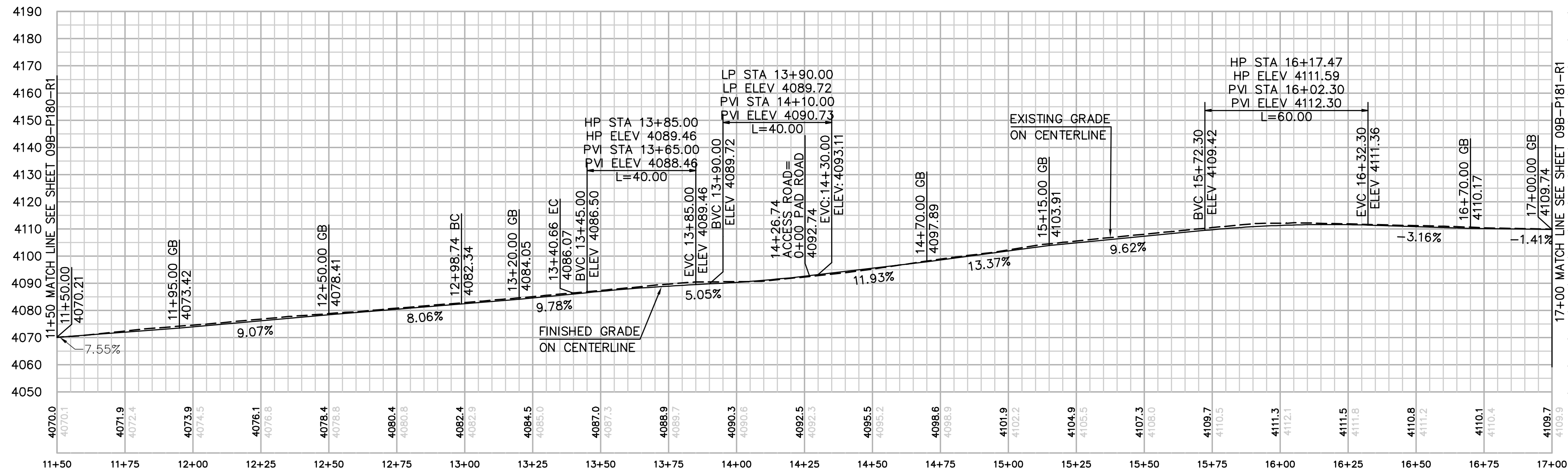
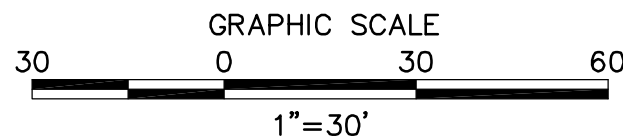
EARTH QUANTITIES:
CUT: 239 CY
FILL: 197 CY
NET: 42 CY

DISTURBED AREA:
PAD: 4,615 SF
ROAD: 15,149 SF
TOTAL: 19,764 SF

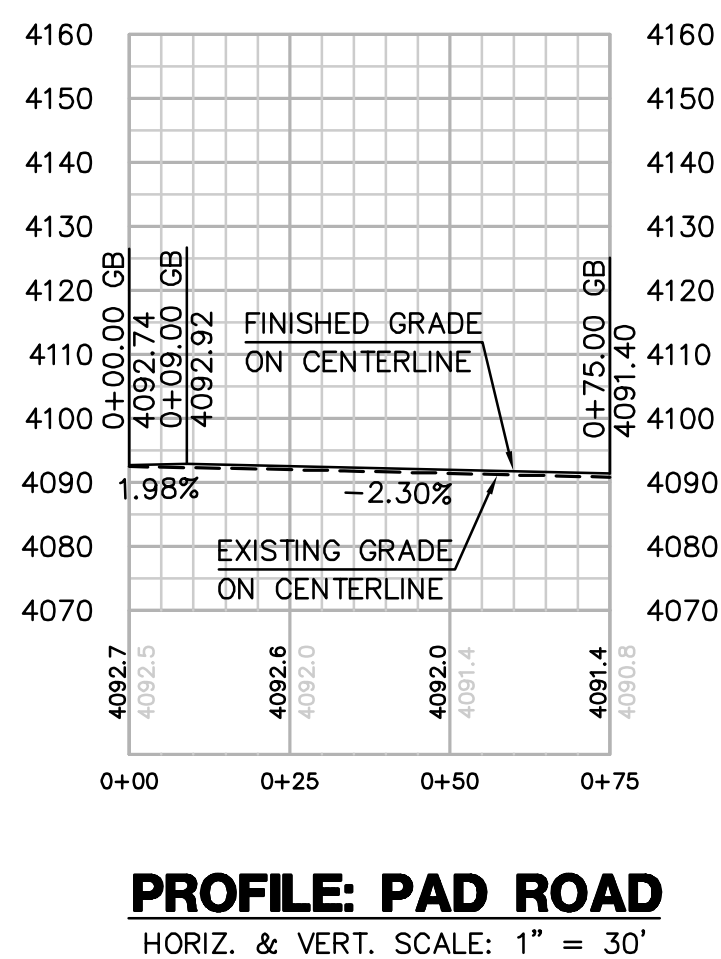
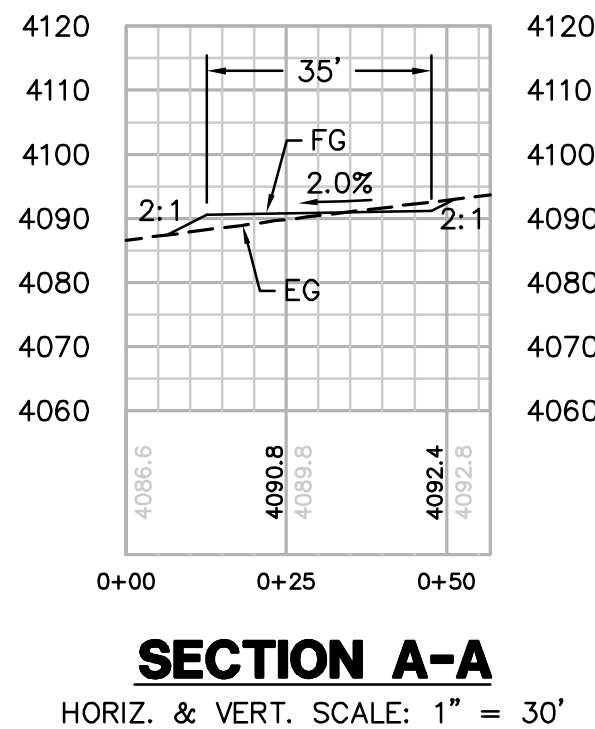
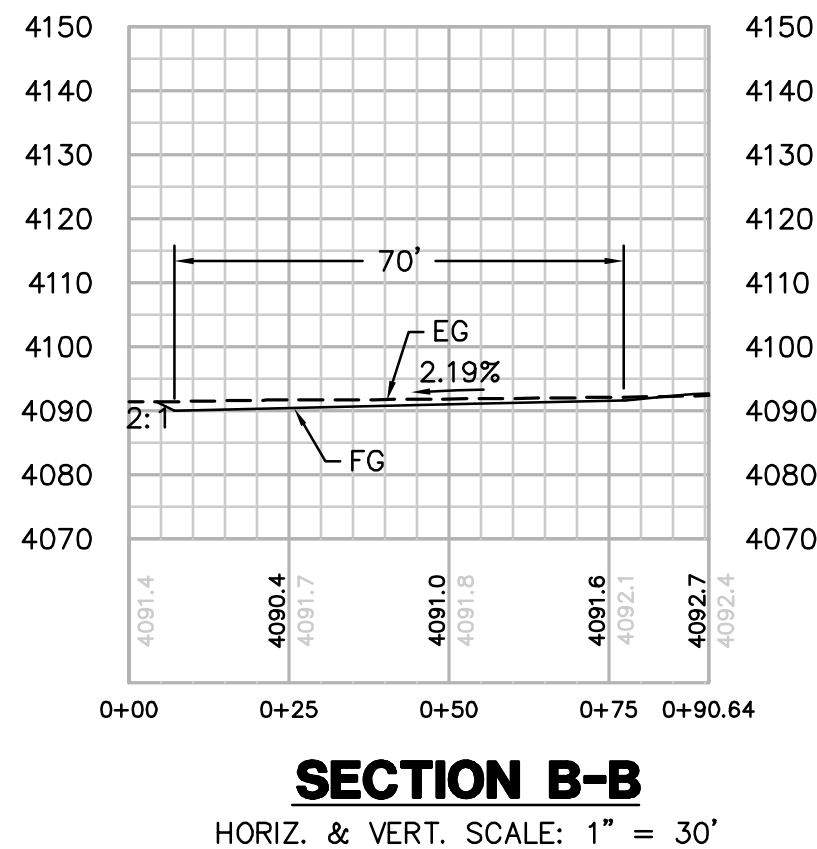
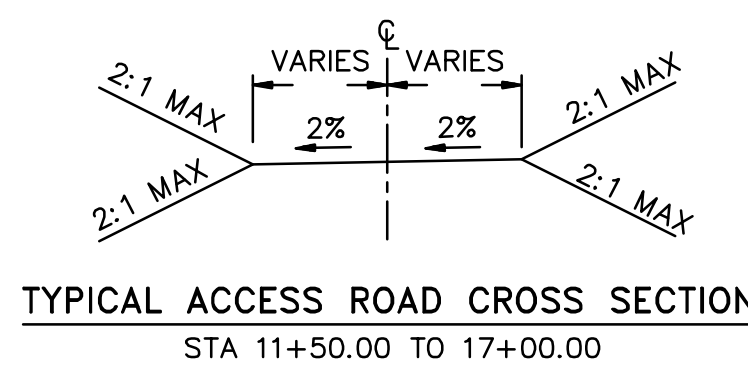
QUANTITIES
RIP RAP: 100 SF
DOWN DRAIN : 7 LF

LENGTH OF ACCESS ROAD: 625 LF

TOWER P-180 PLAN
SCALE: 1" = 30'



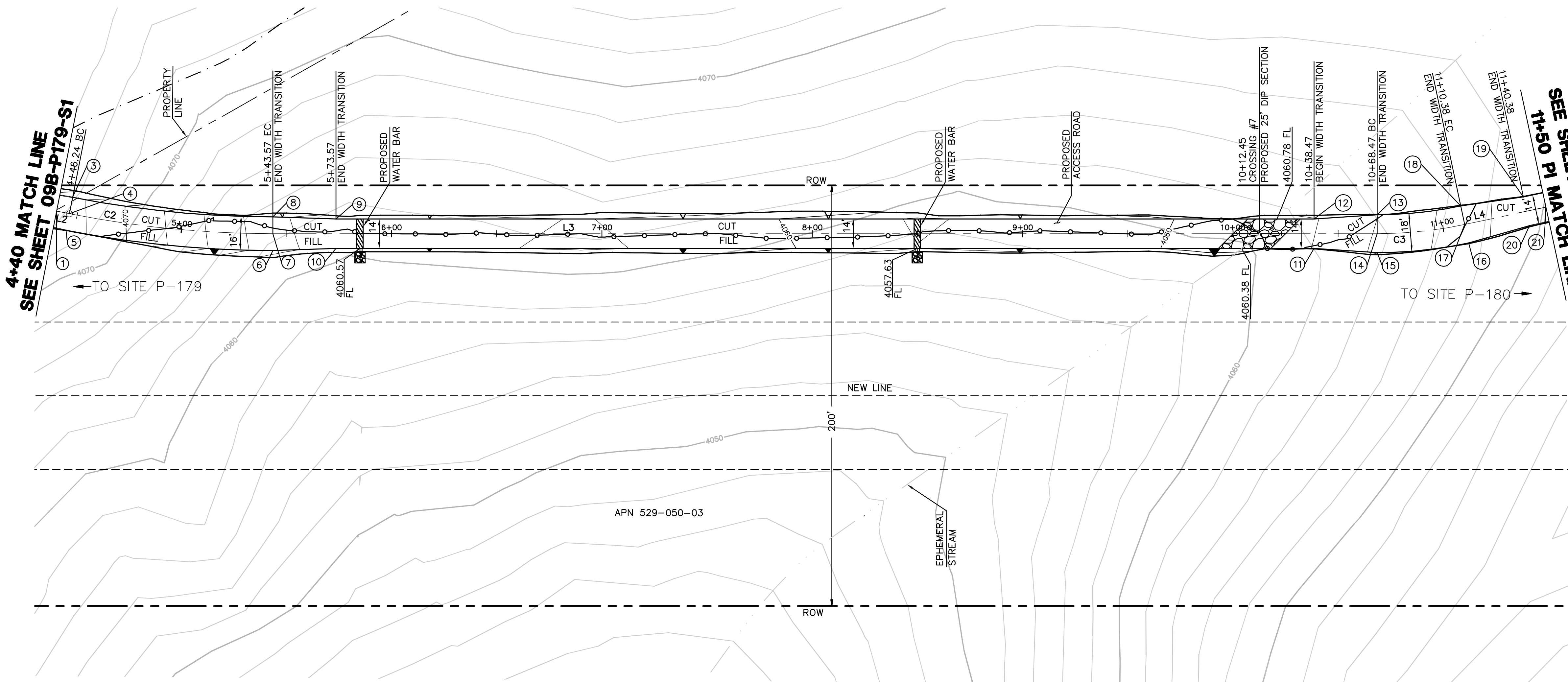
PROFILE: ACCESS ROAD TO TOWER P-180
HORIZ. & VERT. SCALE: 1" = 30'



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-180	500 KV EXMT Lattice Tangent Tower	0.00	151.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C4	200.00	41.92	12°00'28"
L5		148.74	S70°54'25"E
L6		359.34	S58°53'57"E
L7		75.00	S31°06'03"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
22	1859820.20	6544969.08	4080.06	FG
23	1859833.43	6544973.66	4079.78	FG
24	1859825.44	6545002.64	4082.16	BC
25	1859817.00	6544999.72	4082.34	CL/BC
26	1859808.50	6544996.78	4082.52	BC
27	1859791.55	6545032.96	4086.25	EC
28	1859799.26	6545037.61	4086.07	CL/EC
29	1859806.97	6545042.26	4085.89	EC
30	1859789.70	6545036.03	4086.60	BC
31	1859700.47	6545058.11	4091.01	EC
32	1859699.61	6545057.59	4091.05	FG
33	1859639.68	6545021.43	4089.65	FG
34	1859621.60	6545051.40	4090.09	FG
35	1859681.54	6545087.56	4091.75	FG
36	1859682.39	6545088.08	4091.73	BC
37	1859704.47	6545177.31	4103.31	EC
38	1859754.79	6545111.32	4092.74	CL/INT
39	1859613.64	6545345.30	4109.74	CL/FG
56	1859734.05	6545002.45		RP
57	1859648.82	6545143.74		RP
58	1859618.10	6545095.92	(4097.56)	P-180
59	1859859.04	6544856.87	4070.35	FG
60	1859865.66	6544859.16	4070.21	CL/FG
61	1859872.27	6544861.45	4070.07	FG
62	1859621.35	6545349.95	4109.56	FG
63	1859605.94	6545340.65	4109.92	FG



CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	500.00	97.34	11°09'14"
C3	200.00	41.92	12°00'28"
L2		6.24	S47°44'43"E
L3		524.89	S58°53'57"E
L4		39.62	S70°54'25"E

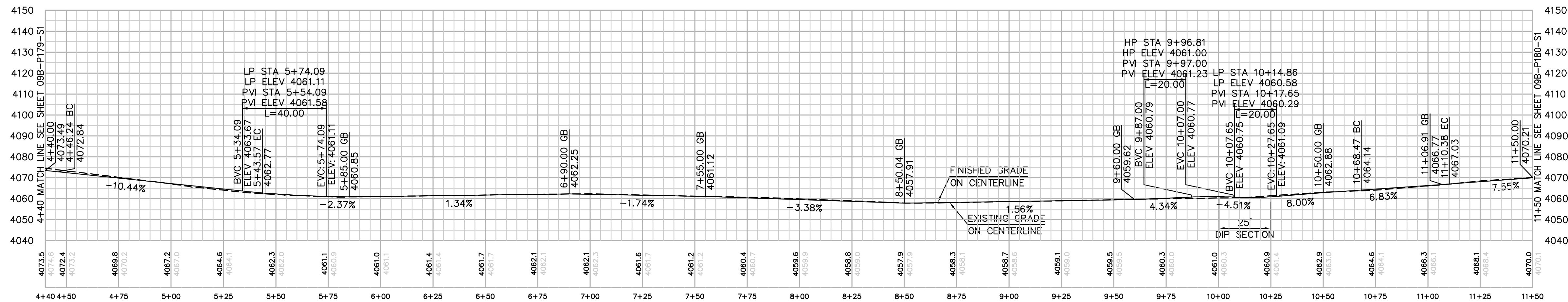
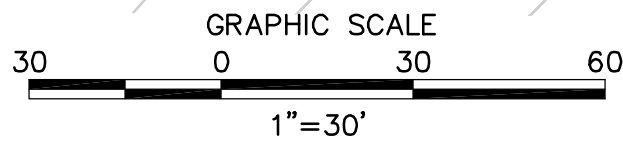
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1860229.74	6544251.83	4073.49	CL/FG
3	1860231.46	6544261.83	4072.68	BC
4	1860225.54	6544256.45	4072.84	CL/BC
5	1860219.62	6544251.07	4073.00	BC
6	1860160.64	6544330.26	4062.93	EC
7	1860167.49	6544334.39	4062.77	CL/EC
8	1860174.34	6544338.52	4062.61	EC
9	1860157.99	6544363.70	4060.98	FG
10	1860146.00	6544356.46	4061.26	FG
11	1859905.87	6544754.53	4062.10	FG
12	1859917.85	6544761.77	4061.82	FG
13	1859904.07	6544788.49	4063.96	BC
14	1859896.36	6544783.84	4064.14	CL/BC
15	1859888.66	6544779.19	4064.32	BC
16	1859870.11	6544818.78	4067.23	EC
17	1859878.62	6544821.73	4067.03	CL/EC
18	1859887.12	6544824.67	4066.87	EC
19	1859875.42	6544852.37	4069.30	FG
20	1859862.19	6544847.79	4069.58	FG
21	1859865.66	6544859.16	4070.21	CL/FG

EARTH QUANTITIES: CUT: 104 CY
FILL: 99 CY
NET: 5 CY
DIP SECTION EXPORT: 24 CY

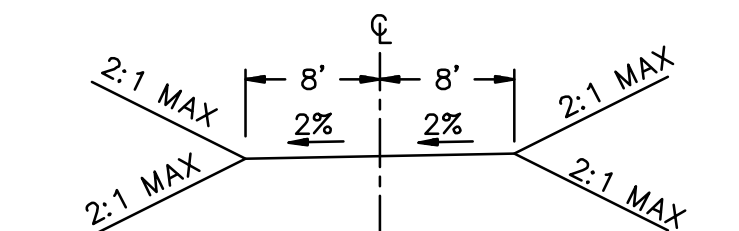
DISTURBED AREA: ROAD: 12,933 SF

QUANTITIES: DIP SECTION: 350 SF
DRAINAGE DITCH: 18 LF
RIPRAP: 50 SF
DOWN DRAIN: 4 LF
LENGTH OF ACCESS ROAD: 710 LF

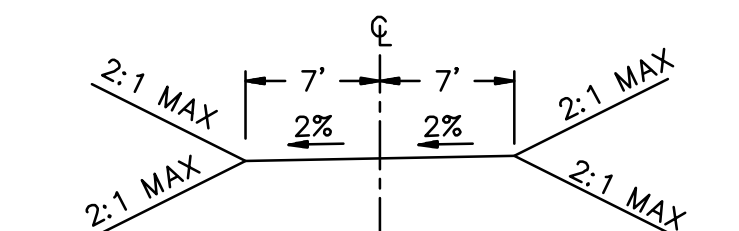
ACCESS ROAD TO TOWER P-180
SCALE: 1" = 30'



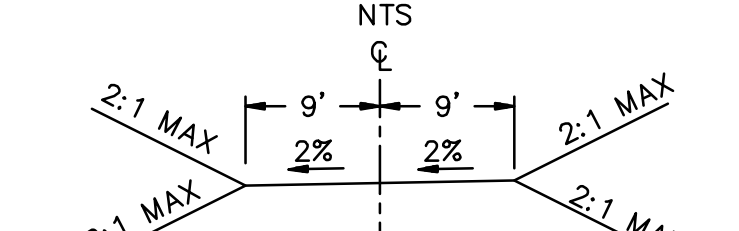
PROFILE: ACCESS ROAD TO TOWER P-180
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 4+40.00 TO 5+43.57
NTS



TYPICAL ACCESS ROAD CROSS SECTION
STA 5+73.57 TO 10+38.47
STA 11+40.38 TO 11+50.00
NTS



TYPICAL ACCESS ROAD CROSS SECTION
STA 10+68.47 TO 11+10.38
NTS

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-9B (LINK 1)
ACCESS ROAD TO SITE P-180

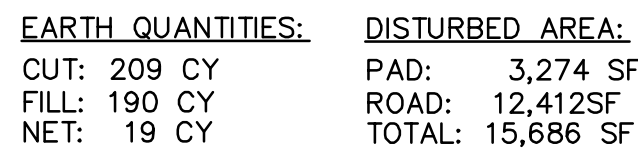
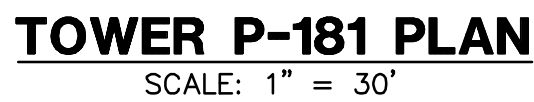
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.:	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09B-P180-R1

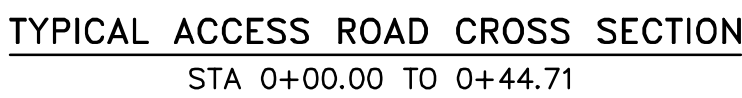
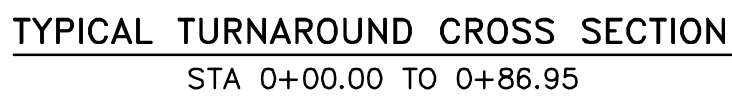


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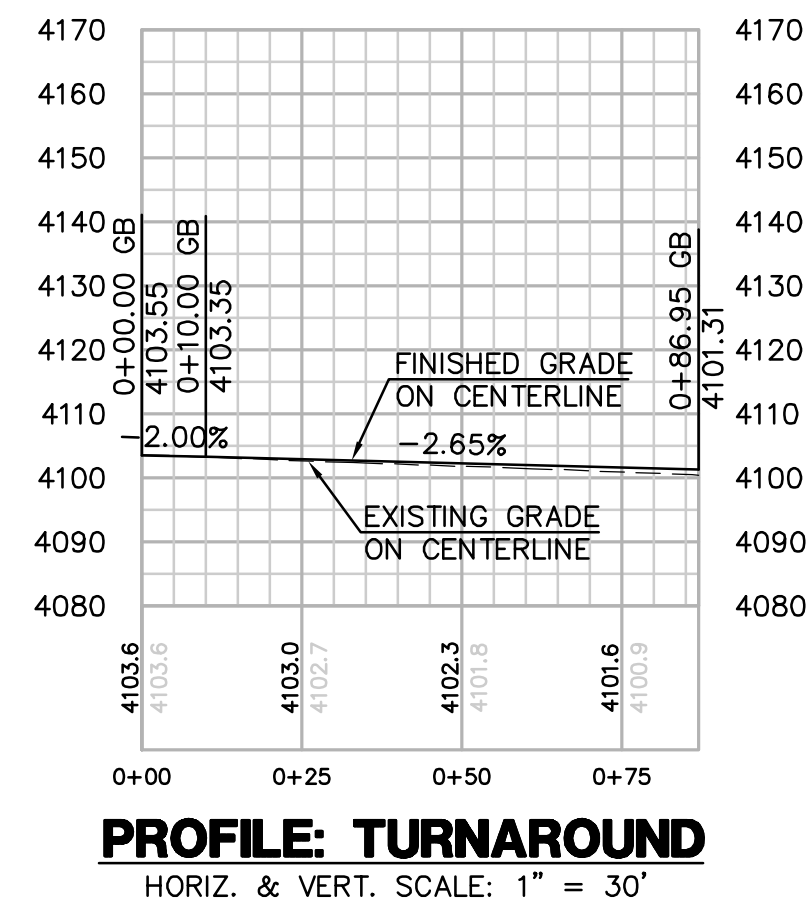




QUANTITIES
RIP RAP: 100 SF
DOWNDRAIN: 3 LF
LENGTH OF ACCESS ROAD: 643 LF



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1858970.54	6546169.36	(4109.43)	P-181
2	1859351.13	6545926.55	4118.75	FG
3	1859344.59	6545920.37	4118.93	CL/EC
4	1859338.04	6545914.19	4119.11	FG
5	1859329.07	6545946.98	4118.22	FG
6	1859318.90	6545937.37	4118.50	FG
7	1859098.36	6546191.22	4105.68	FG
8	1859088.19	6546181.61	4105.96	FG
9	1859077.52	6546217.66	4103.46	FG
10	1859065.40	6546201.36	4103.86	FG
11	1859062.07	6546279.44	4102.04	FG
12	1859070.51	6546310.31	4101.11	FG
13	1859051.22	6546315.58	4101.51	FG
14	1859042.78	6546284.71	4102.44	FG
15	1858994.65	6546238.41	4105.59	FG
16	1858962.49	6546225.76	4107.60	FG
17	1858957.80	6546235.34	4107.57	FG
18	1858890.42	6546202.40	4107.55	FG
19	1858893.10	6546196.94	4107.57	FG
20	1858851.62	6546180.01	4109.06	FG
23	1858860.40	6546162.04	4109.46	FG
24	1858899.41	6546183.94	4107.65	FG
25	1858905.79	6546170.96	4107.82	FG
26	1858973.17	6546203.90	4107.92	FG
27	1858968.66	6546213.13	4107.74	FG
28	1859000.18	6546219.19	4105.99	FG
29	1858896.17	6546190.66	4107.61	CL
30	1858965.49	6546219.62	4107.67	CL
31	1858997.42	6546228.80	4105.79	CL/EC
32	1859037.93	6546229.07	4103.55	CL/INT
33	1859060.86	6546312.94	4101.31	CL
34	1859072.67	6546208.23	4103.66	CL/BC
35	1858980.08	6546301.85		RP
36	1859124.77	6546262.30		RP
37	1858856.01	6546171.02	4109.26	CL/BC



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-181	500 KV EXMT Lattice Tangent Tower	0.00	151.50

[illegible]

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-181

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:		09B-P181	
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			



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P:\161919 SD&E SPL\CADD\09B.dwg\Plans\09B-P181-R1.dwg\Jmcy-26-20100857



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REVISIONS

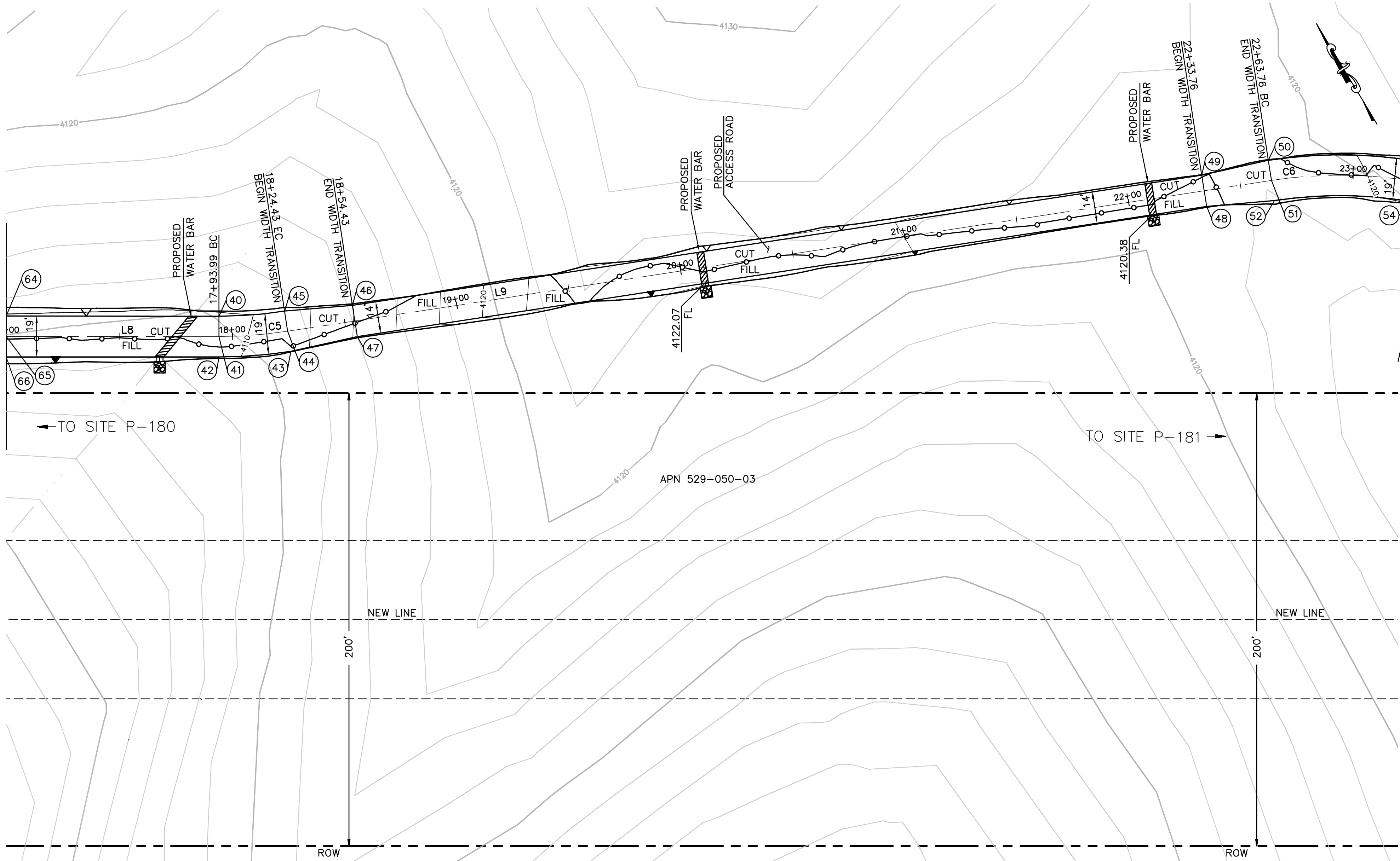
NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

NO.	WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY SAN DIEGO, CALIFORNIA			
SPL-9B (LINK 1)			
ACCESS ROAD TO SITE P-181			
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:	09B-P181-R1	
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		

17+00 MATCH LINE
SEE SHEET 09B-P180-S1

23+37.02 EC MATCH LINE
SEE SHEET 09B-P181-S1



EARTH QUANTITIES:
CUT: 79 CY.
FILL: 55 CY.
NET: 24 CY.

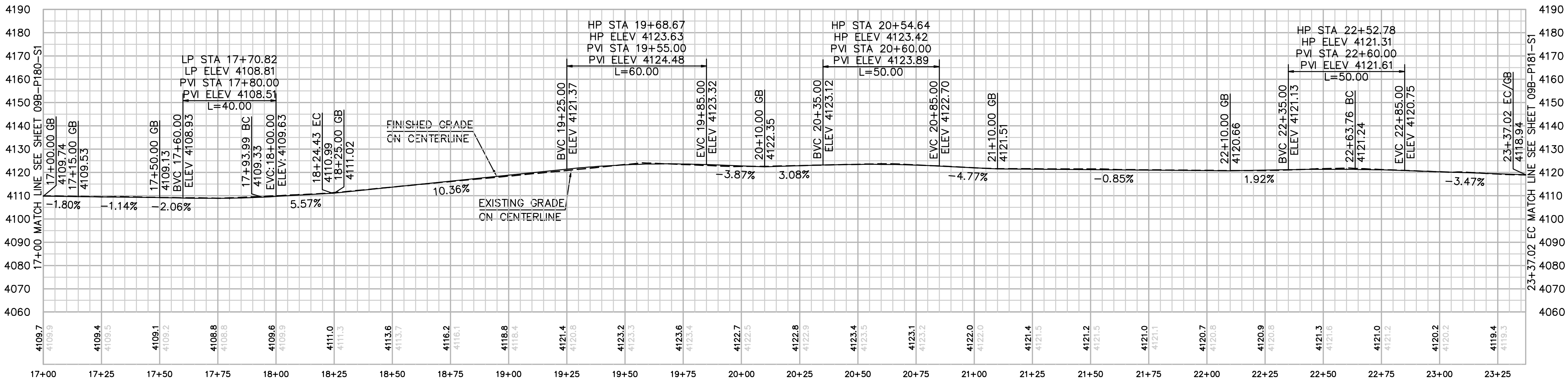
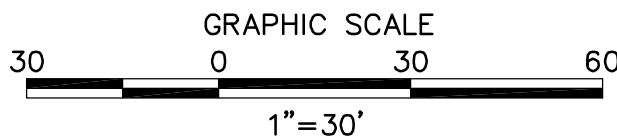
DISTURBED AREA:
ROAD: 11,362 SF

NOTE:
LENGTH OF ACCESS ROAD: 637 LF

QUANTITIES:
RIP RAP: 75 SF
DOWN DRAIN: 5 LF

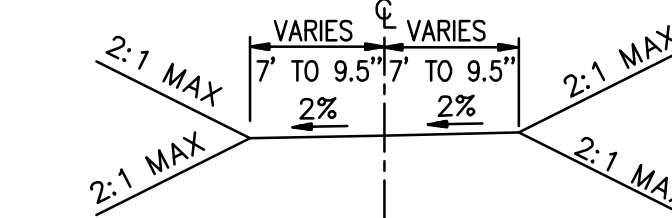
ACCESS ROAD TO TOWER P-181 PLAN

SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-181

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

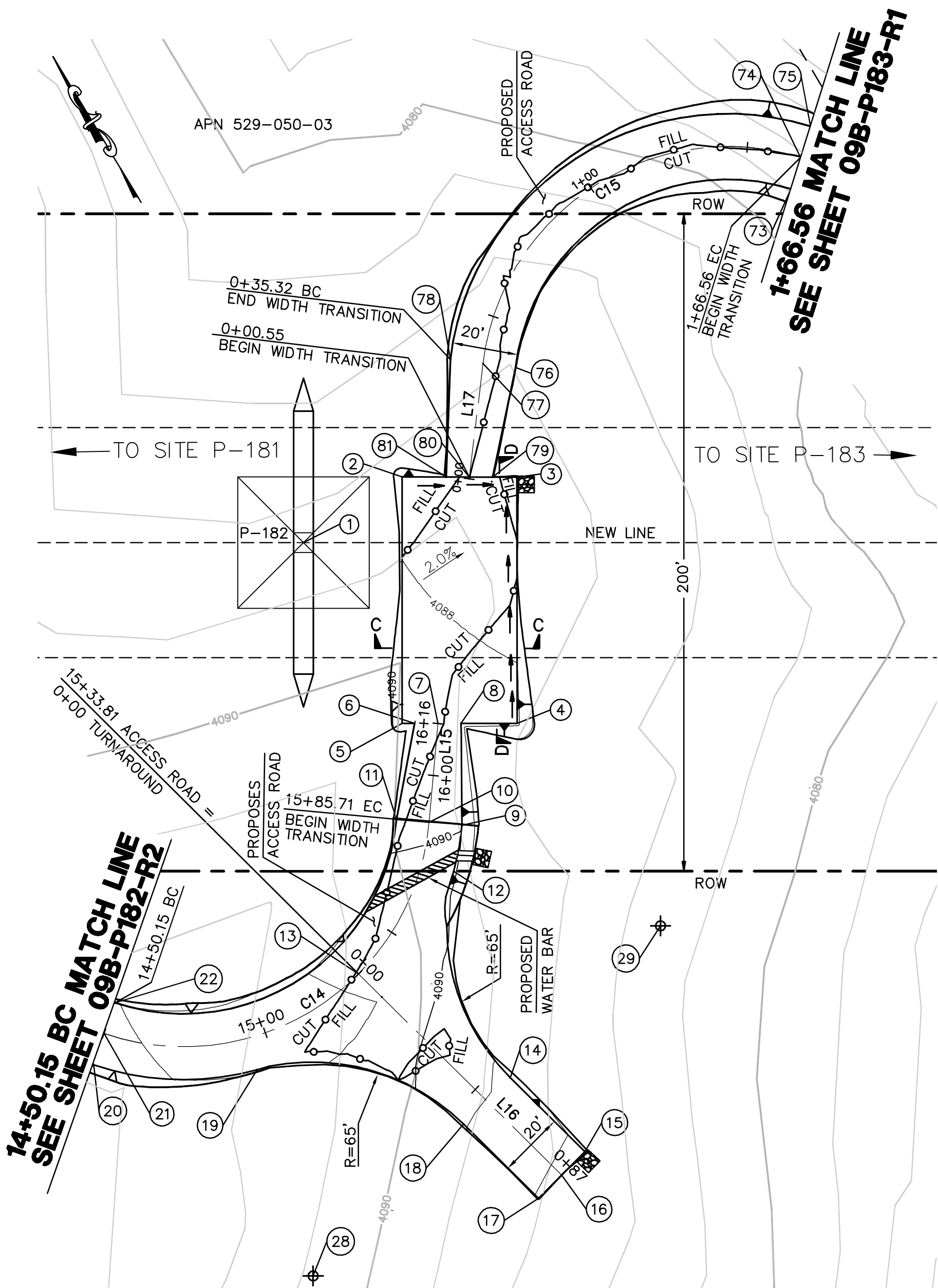


TYPICAL ACCESS ROAD CROSS SECTION
STA 17+00.00 TO 23+37.02 EC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C5	200.00	30.44	8°43'14"
C6	200.00	73.26	20°59'17"
L8		93.99	S58°53'57"E
L9		439.34	S67°37'11"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
40	1859572.80	6545430.43	4109.15	BC
41	1859565.09	6545425.78	4109.33	BC/CL
42	1859557.39	6545421.13	4109.51	BC
43	1859542.90	6545449.44	4111.07	EC
44	1859551.41	6545452.94	4110.99	CL/EC
45	1859559.73	6545456.37	4110.81	EC
46	1859546.46	6545483.34	4113.93	FG
47	1859533.51	6545478.01	4114.21	FG
48	1859389.08	6545828.78	4121.25	FG
49	1859402.03	6545834.11	4120.97	FG
50	1859392.45	6545862.61	4121.06	BC
51	1859384.13	6545859.18	4121.24	CL/BC
52	1859375.81	6545855.76	4121.42	BC
53	1859338.05	6545914.18	4119.12	EC
54	1859344.59	6545920.36	4118.94	CL/EC
55	1859351.13	6545926.55	4118.76	EC
64	1859621.35	6545349.95	4109.56	FG
65	1859613.64	6545345.30	4109.74	CL/FG
66	1859605.94	6545340.65	4109.92	FG

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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-182	500 KV EXMT Lattice Tangent Tower	0.00	145.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C14	75.00	135.56	103°33'42"
L15		30.17	N36°14'21"E
L16		86.90	S14°10'53"E
L17		35.32	N37°57'54"E
C15	75.00	131.24	100°17'34"

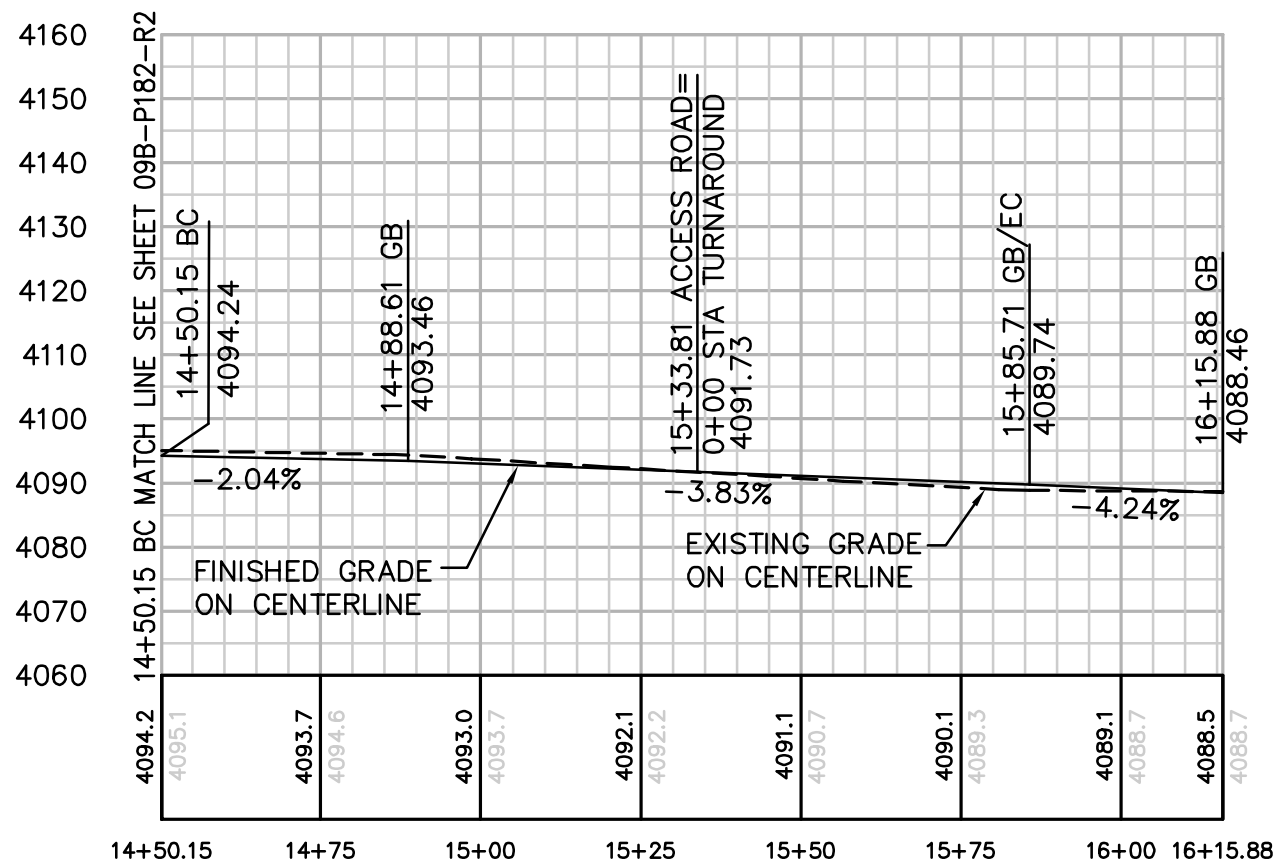
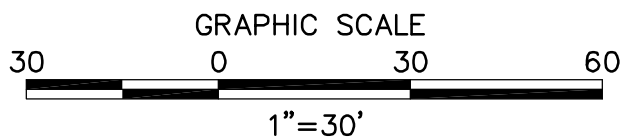
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1858261.37	6547344.92	(4086.79)	P-182
2	1858262.97	6547380.99	4087.72	FG
3	1858244.92	6547410.85	4086.93	FG
4	1858180.67	6547372.22	4088.35	FG
5	1858198.75	6547342.25	4088.55	FG
6	1858196.79	6547345.50	4088.48	FG
7	1858193.12	6547351.57	4088.46	CL/FG
8	1858189.53	6547357.54	4088.45	FG
9	1858162.88	6547341.80	4089.94	EC
10	1858168.79	6547333.74	4089.74	CL/EC
11	1858174.70	6547325.67	4089.55	EC
12	1858152.13	6547332.44	4090.42	PRC
13	1858140.39	6547291.53	4091.73	CL/FG/INT
14	1858089.56	6547314.69	4087.70	BC
15	1858058.58	6547322.52	4085.50	FG
16	1858056.13	6547312.82	4085.70	CL/FG
17	1858053.68	6547303.13	4085.90	FG
18	1858084.76	6547295.27	4088.10	EC
19	1858131.36	6547250.02	4093.43	PRC
20	1858158.26	6547208.32	4094.44	BC
21	1858164.72	6547215.96	4094.24	CL/BC
22	1858171.17	6547223.60	4094.04	BC
28	1858068.83	6547232.25		RP
29	1858105.48	6547377.71		RP
73	1858276.95	6547527.45	4076.41	EC
74	1858283.61	6547534.91	4076.21	CL/EC
75	1858290.27	6547542.37	4076.01	EC
76	1858273.69	6547427.72	4085.88	BC
77	1858279.85	6547419.84	4085.68	CL/BC
78	1858286.00	6547411.96	4085.48	BC
79	1858248.75	6547404.52	4087.10	FG
80	1858252.43	6547398.45	4087.27	CL/FG
81	1858256.04	6547392.45	4087.42	FG

EARTH QUANTITIES: CUT: 102 CY
FILL: 91 CY
NET: 11 CY

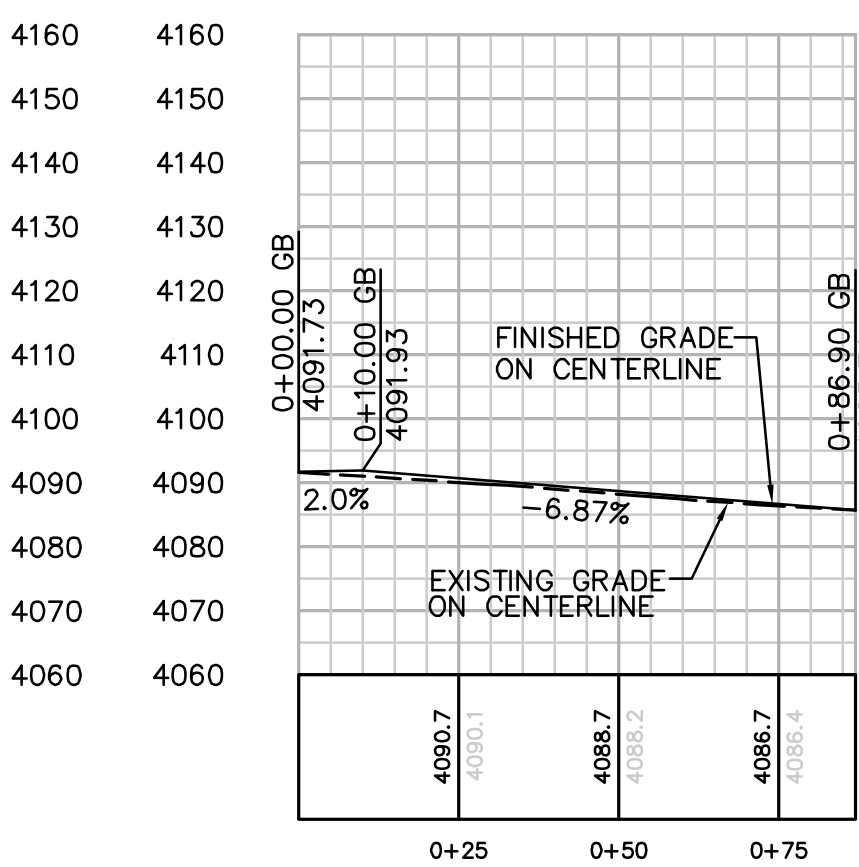
DISTURBED AREA: PAD: 3,034 SF
ROAD: 12,942 SF
TOTAL: 15,976 SF

QUANTITIES RIP RAP: 75 SF
DOWN DRAIN: 6 LF
LENGTH OF ACCESS ROAD: 419 LF

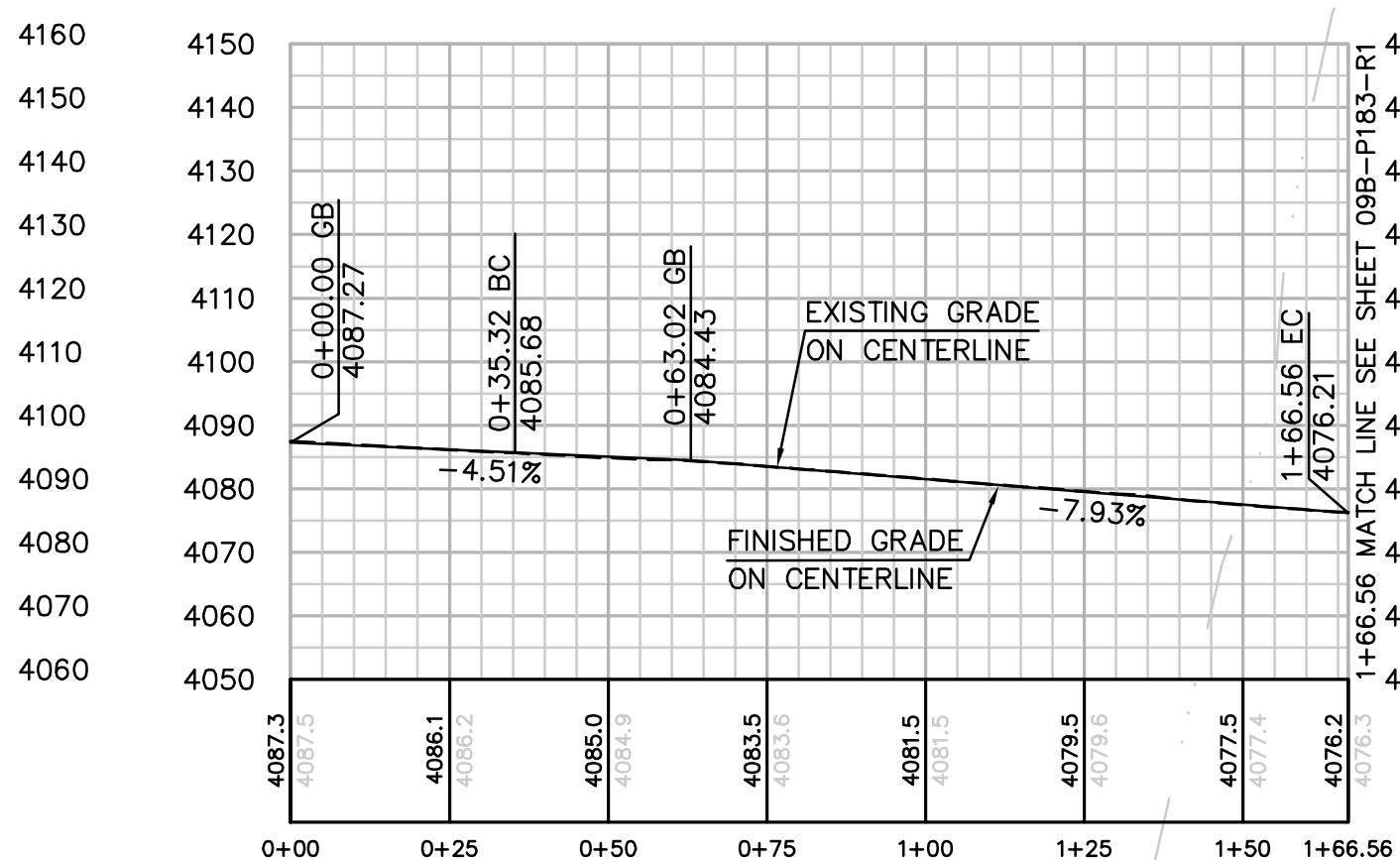
TOWER P-182 PLAN
SCALE: 1" = 30'



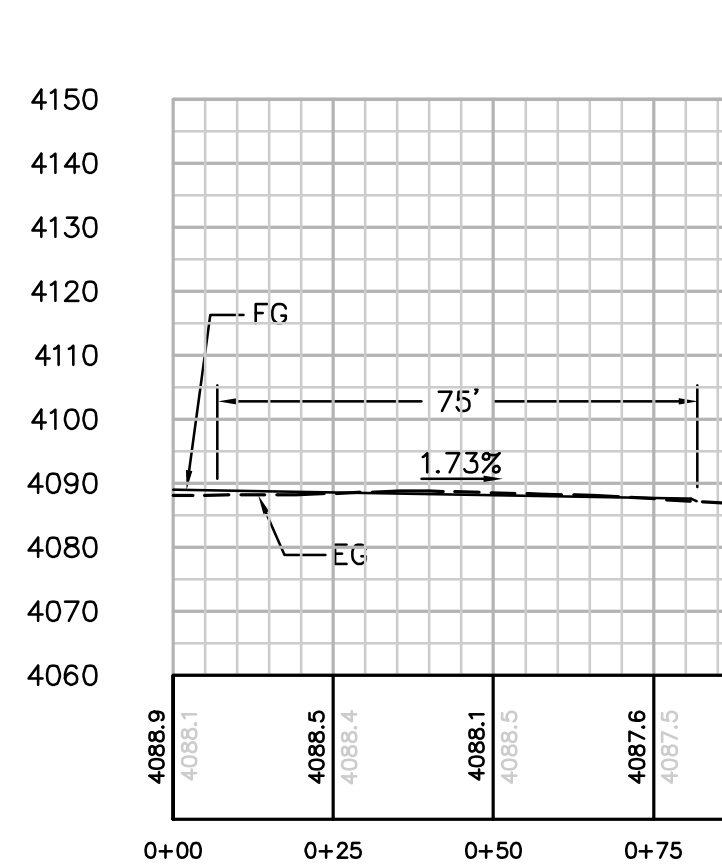
PROFILE: ACCESS ROAD TO TOWER P-182
HORIZ. & VERT. SCALE: 1" = 30'



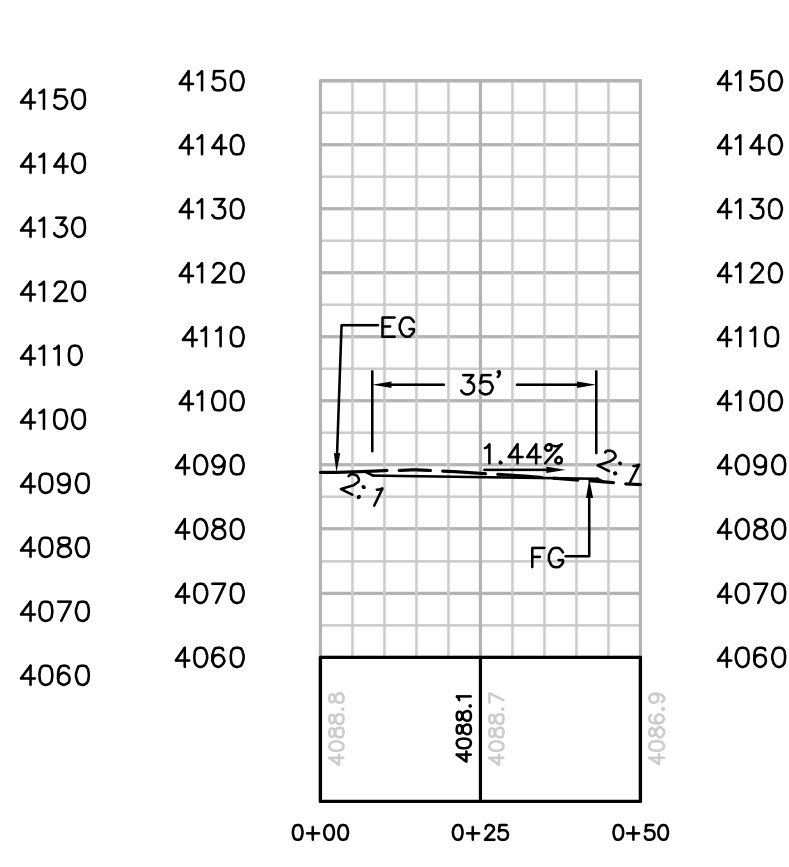
PROFILE: TURNAROUND
HORIZ. & VERT. SCALE: 1" = 30'



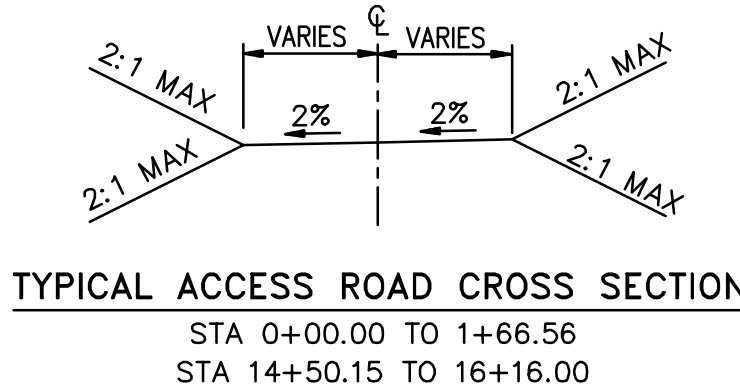
PROFILE: ACCESS ROAD TO TOWER P-182
HORIZ. & VERT. SCALE: 1" = 30'



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



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+66.56
STA 14+50.15 TO 16+16.00

REVISIONS

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WORK DONE	DATE	BY:	APP'D:	NO.

WORK DONE	DATE	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY SAN DIEGO, CALIFORNIA			
SPL-9B (LINK 1)			
SITE P-182			
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

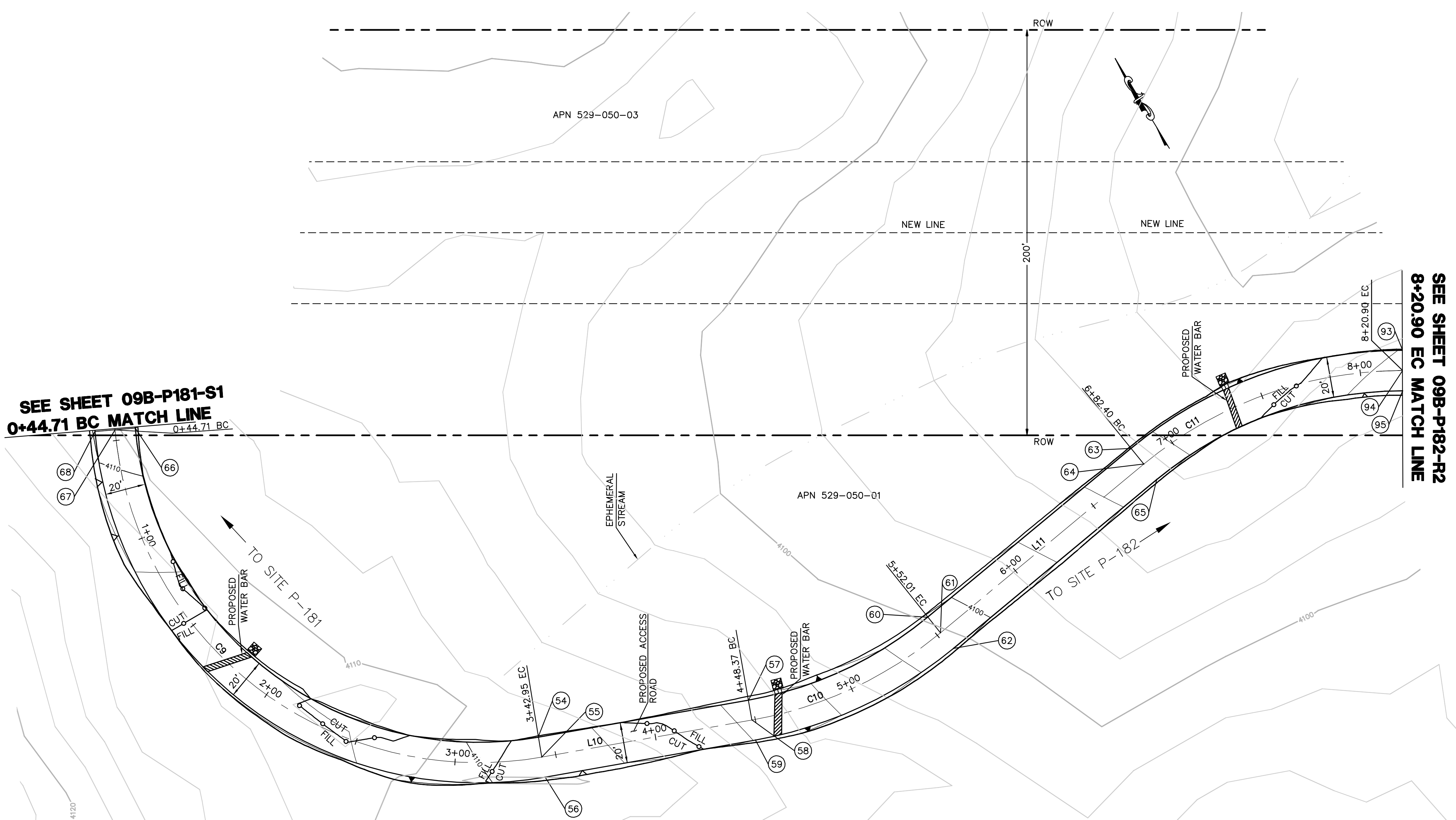


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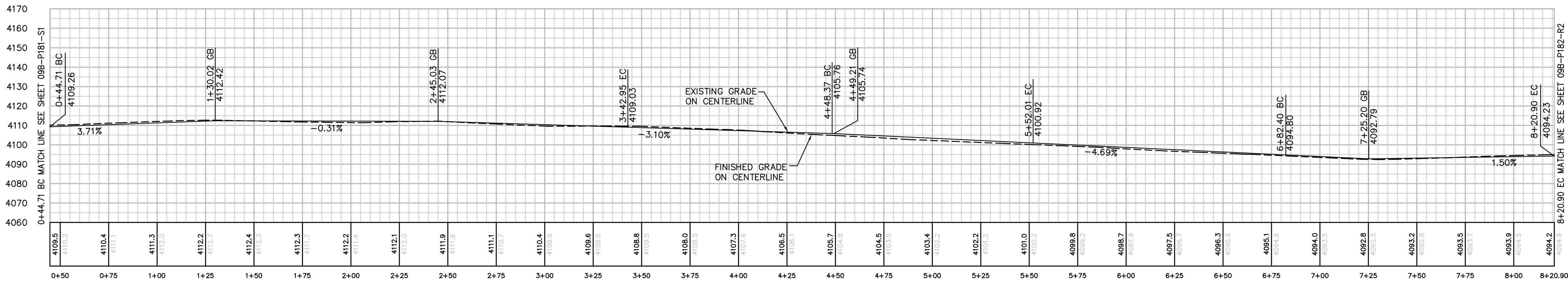
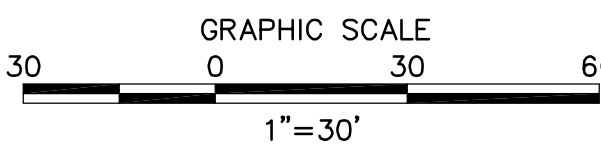
09B-P182-S1

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EARTH QUANTITIES: CUT: 186 CY FILL: 168 CY NET: 18 CY
DISTURBED AREA: ROAD: 16,920 SF TOTAL: 16,920 SF
QUANTITIES: RIP RAP: 75 SF DOWN DRAIN: 6 LF
LENGTH OF ACCESS ROAD: 776 LF

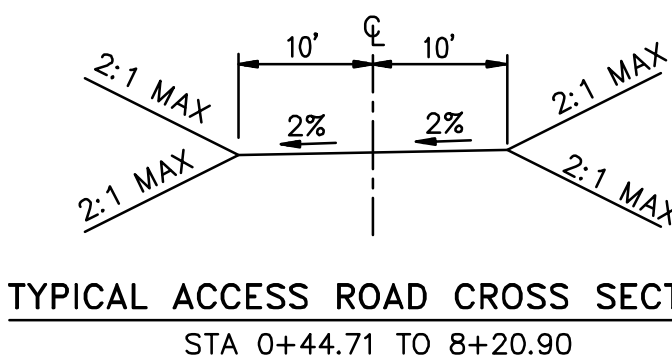
ACCESS ROAD TO TOWER P-182
SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-182
HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C9	180.00	298.25	94°56'04"
L10		105.41	S68°53'05"E
C10	200.00	103.64	29°41'30"
L11		130.39	N81°25'25"E
C11	200.00	138.50	39°40'38"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
54	1858618.38	6546271.50	4108.83	EC
55	1858609.05	6546267.89	4109.03	CL/EC
56	1858599.72	6546264.29	4109.23	EC
57	1858580.40	6546369.83	4105.56	BC
58	1858571.07	6546366.23	4105.76	CL/BC
59	1858561.74	6546362.62	4105.96	BC
60	1858569.77	6546466.61	4100.72	EC
61	1858559.88	6546468.10	4100.92	CL/EC
62	1858549.99	6546469.59	4101.12	EC
63	1858589.21	6546595.54	4094.60	BC
64	1858579.32	6546597.03	4094.80	CL/BC
65	1858569.44	6546598.52	4095.00	BC
66	1858851.62	6546180.01	4109.06	BC
67	1858856.01	6546171.02	4109.26	CL/BC
68	1858860.40	6546162.04	4109.46	BC
93	1858561.38	6546735.33	4094.03	FG
94	1858552.81	6546730.16	4094.23	CL/FG/EC
95	1858544.25	6546725.00	4094.43	FG



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WORK DONE	DATE	BY:	APP'D:	NO.

WORK DONE	DATE	BY:	APP'D:	NO.

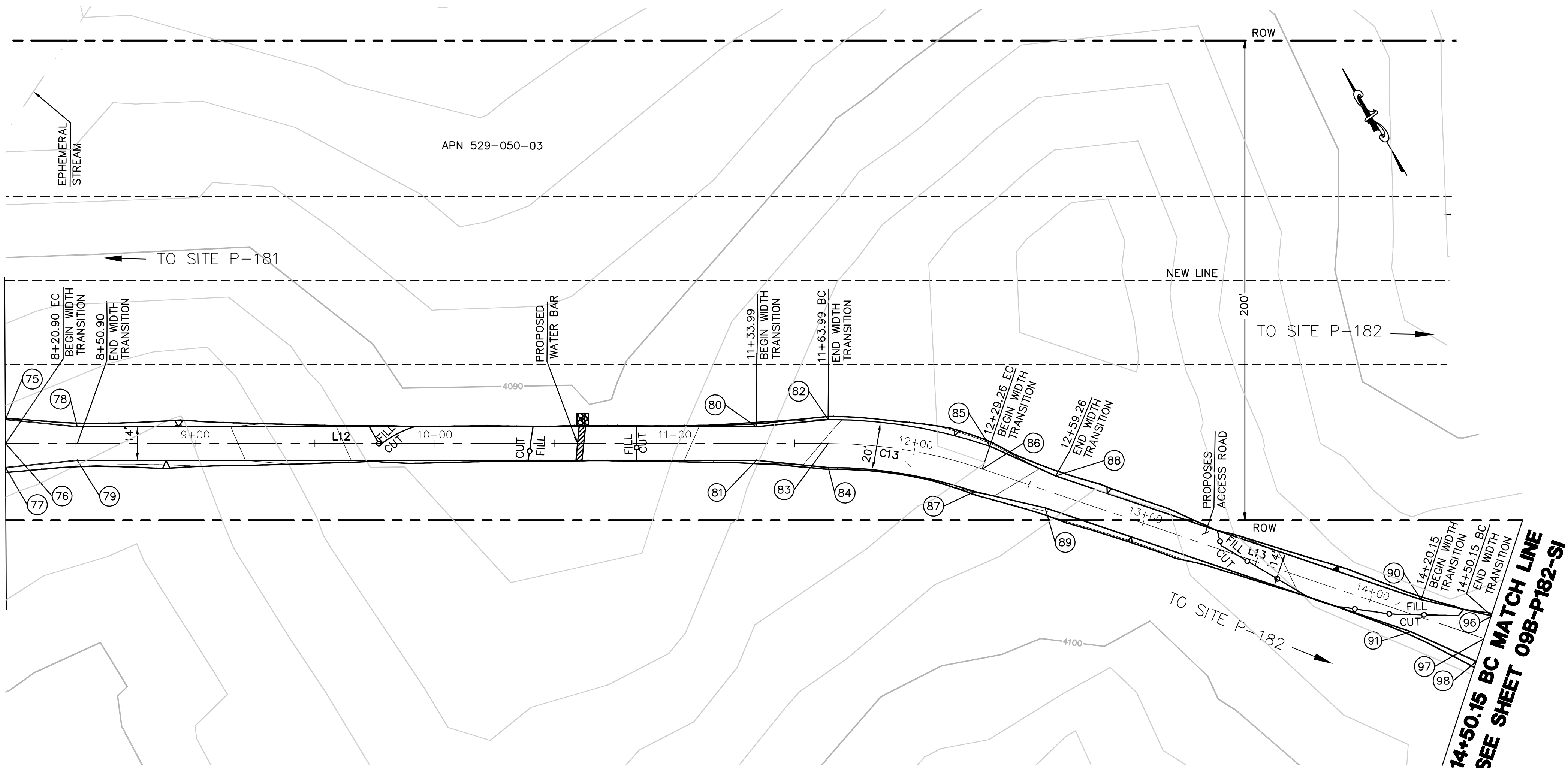
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
ACCESS ROAD TO SITE P-182

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

09B-P182-R1

SEE SHEET 09B-P182-R1
8+20.90 EC MATCH LINE

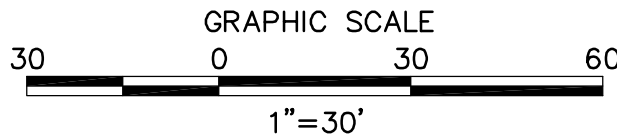


EARTH QUANTITIES:
CUT: 124 CY
FILL: 113 CY
NET: 11 CY

DISTURBED AREA:
ROAD: 12,064 SF
TOTAL: 12,064 SF

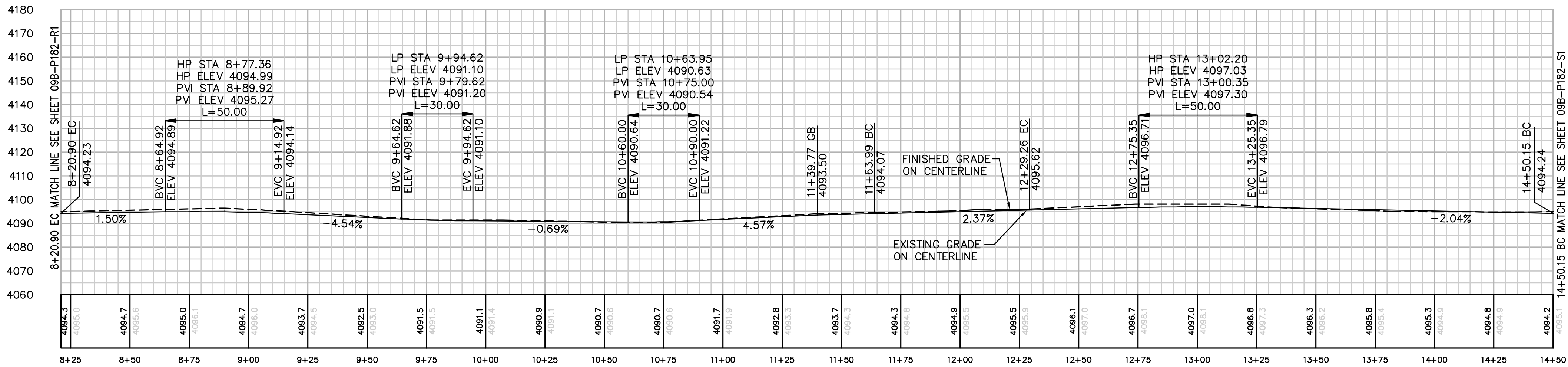
QUANTITIES
RIP RAP: 25 SF
LENGTH OF ACCESS ROAD: 629 LF

ACCESS ROAD TO TOWER P-182
SCALE: 1" = 30'

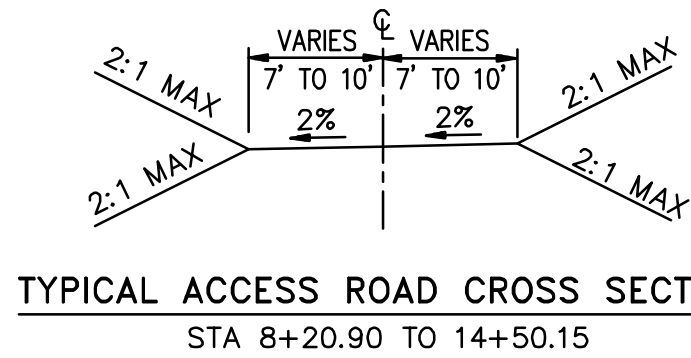


CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L12		343.09	S58°53'57"E
C13	200.00	65.28	18°42'00"
L13		220.89	S40°11'57"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
75	1858561.38	6546735.33	4094.03	EC
76	1858552.81	6546730.16	4094.23	CL/EC
77	1858544.25	6546725.00	4094.43	EC
78	1858543.31	6546759.47	4094.54	FG
79	1858531.32	6546752.24	4094.82	FG
80	1858397.08	6547001.87	4093.09	FG
81	1858385.09	6546994.64	4093.37	FG
82	1858384.15	6547029.11	4093.87	BC
83	1858375.59	6547023.94	4094.07	CL/BC
84	1858367.03	6547018.77	4094.27	BC
85	1858339.88	6547081.03	4095.42	EC
86	1858333.43	6547073.39	4095.62	CL/EC
87	1858326.97	6547065.75	4095.82	EC
88	1858315.03	6547098.10	4096.19	FG
89	1858306.00	6547087.41	4096.47	FG
90	1858192.15	6547201.94	4094.71	FG
91	1858183.07	6547190.97	4095.00	CL/FG
96	1858171.17	6547223.60	4094.04	BC
97	1858164.72	6547215.96	4094.24	CL/BC
98	1858158.26	6547208.32	4094.44	BC



PROFILE: ACCESS ROAD TO TOWER P-182
HORIZ. & VERT. SCALE: 1" = 30'



REVISIONS

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

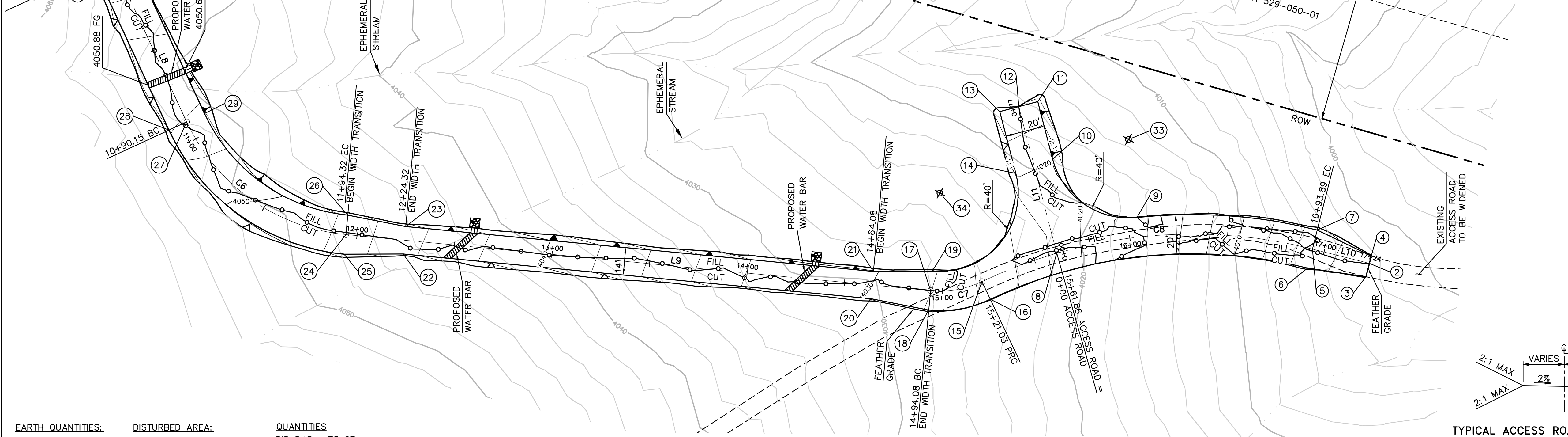
SAN DIEGO GAS & ELECTRIC COMPANY SAN DIEGO, CALIFORNIA			
SPL-9B (LINK 1) ACCESS ROAD TO SITE P-182			
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLLOT SCALE: 1 = 1		

09B-P182-R2

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CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C6	100.00	104.17	100°17'34"
C7	50.00	26.95	100°17'34"
C8	250.00	172.86	100°17'34"
L8		90.15	S09°50'57"E
L9		299.76	S69°32'11"E
L10		30.00	S60°48'34"E
L11		77.23	N00°28'29"E

10+00 MATCH LINE
SEE SHEET 09B-P183-R1



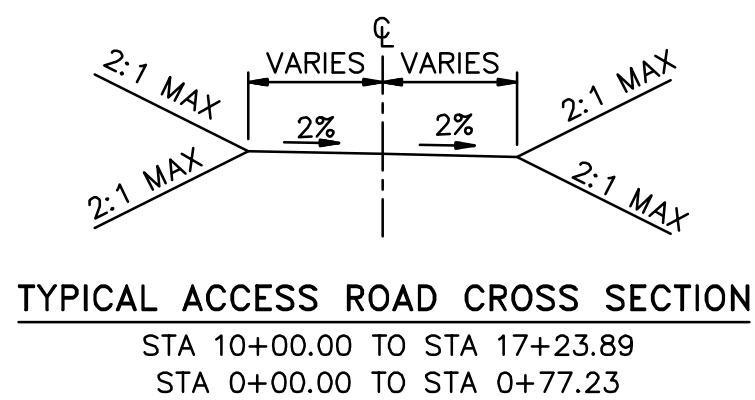
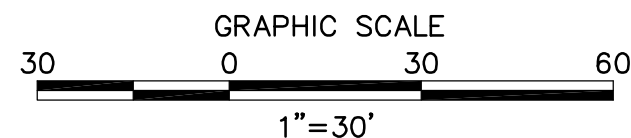
EARTH QUANTITIES:
CUT: 129 CY
FILL: 111 CY
NET: 18 CY

DISTURBED AREA:
ROAD: 17,203 SF
TOTAL: 17,203 SF

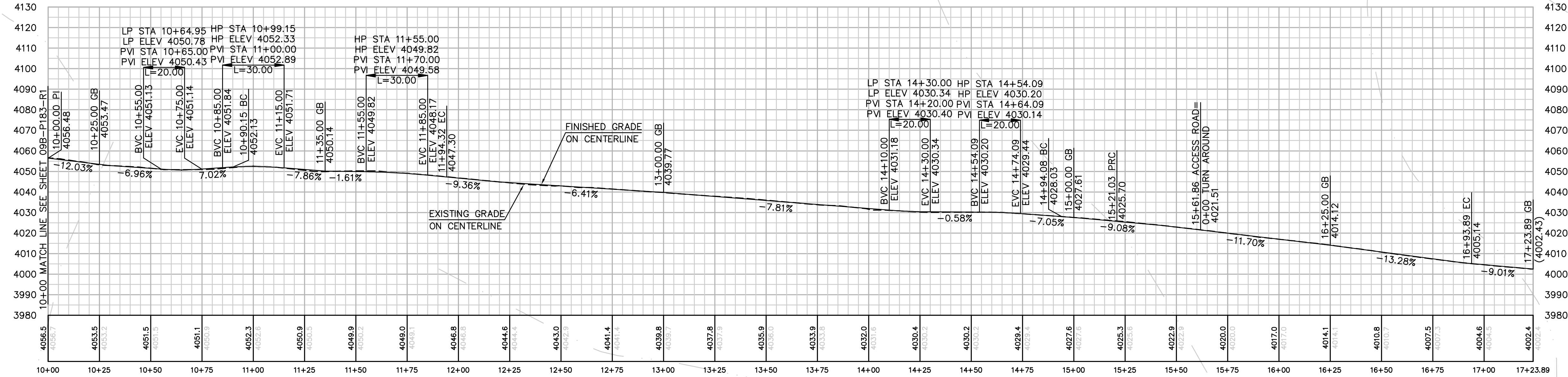
QUANTITIES
RIP RAP: 75 SF
DOWN DRAIN: 9 LF

LENGTH OF ACCESS ROAD: 724 LF

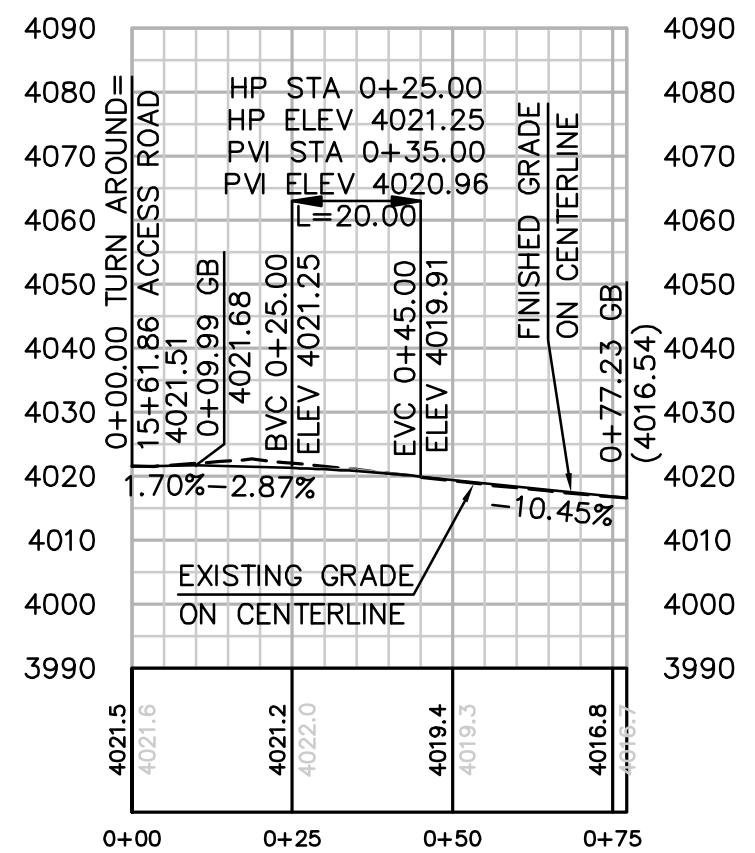
TOWER P-183 PLAN
SCALE: 1" = 30'



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1857617.57	6548412.12	(4021.73)	P-183
2	1857376.79	6548493.30	(4002.43)	CL
3	1857370.73	6548489.91	4002.30	FG
4	1857380.22	6548495.21	4002.51	FG
5	1857391.43	6548467.11	4005.14	CL/EC
6	1857382.70	6548462.23	4004.94	EC
7	1857400.16	6548471.98	4005.34	EC
8	1857423.13	6548340.52	4021.51	CL/INT
9	1857430.14	6548384.81	4016.69	EC
10	1857470.00	6548350.91	4019.91	BC
11	1857500.28	6548351.16	4016.74	FG
12	1857500.36	6548341.16	(4016.54)	CL
13	1857500.45	6548331.16	4016.34	FG
14	1857467.89	6548330.89	4019.75	EC
15	1857419.05	6548299.94	4025.70	CL/PRC
16	1857409.21	6548301.75	4025.50	PRC
17	1857421.38	6548273.41	4028.03	CL/BC
18	1857412.01	6548269.92	4027.83	BC
19	1857430.75	6548276.91	4028.23	BC
20	1857425.31	6548242.86	4029.84	FG
21	1857438.43	6548247.75	4030.12	FG
22	1857509.13	6548018.23	4044.48	FG
23	1857522.25	6548023.13	4044.76	FG
24	1857526.18	6547992.57	4047.30	CL/EC
25	1857516.81	6547989.08	4047.10	EC
26	1857535.55	6547996.07	4047.50	EC
27	1857602.76	6547929.01	4052.13	CL/BC
28	1857601.05	6547919.15	4051.93	BC
29	1857604.47	6547938.86	4052.33	BC
30	1857691.58	6547913.59	4056.48	CL/PI
31	1857689.87	6547903.74	4056.28	PI
32	1857693.29	6547923.44	4056.68	PI
33	1857469.67	6548390.91		RP
34	1857468.22	6548290.89		RP



PROFILE: ACCESS ROAD TO TOWER P-183
HORIZ. & VERT. SCALE: 1" = 30'



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

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-9B (LINK 1)
SITE P-183

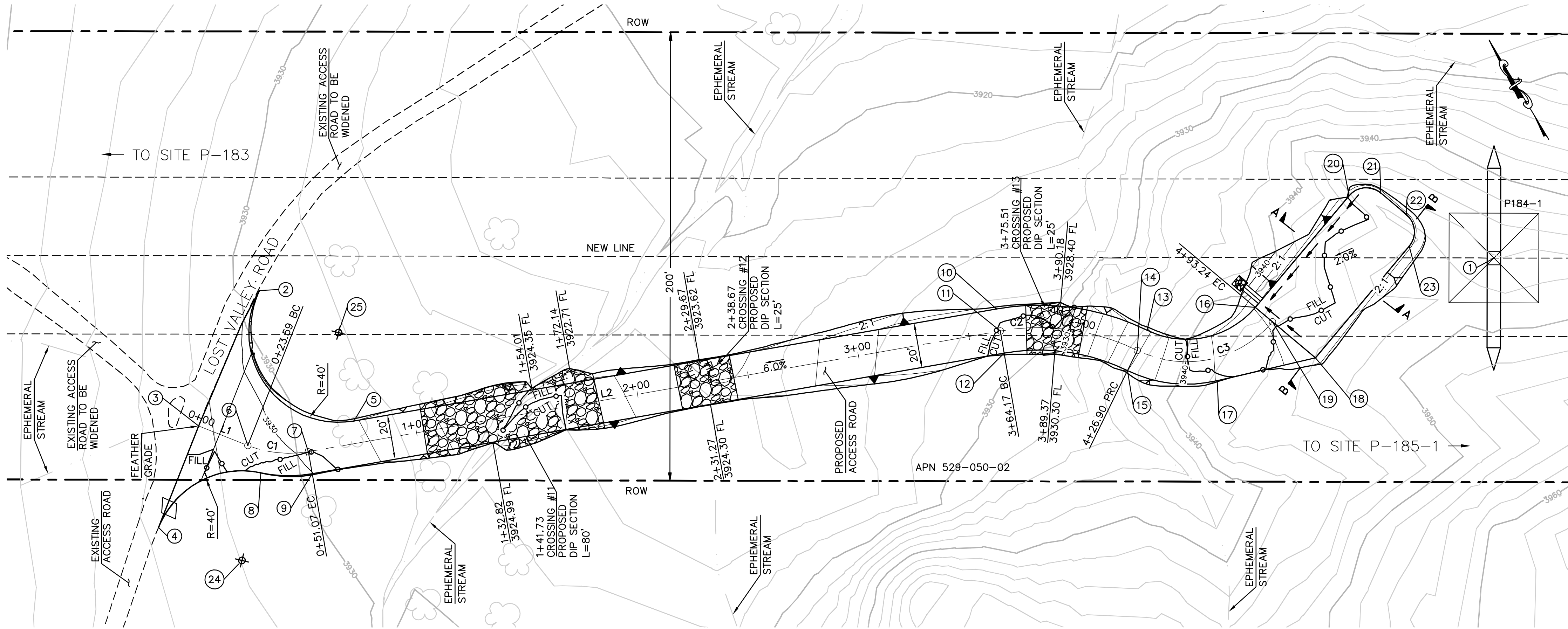
09B-P183-S1



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



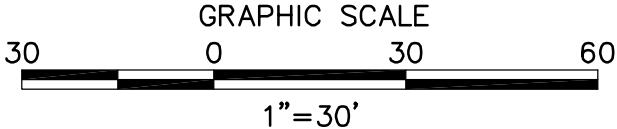
EARTH QUANTITIES:
CUT: 260 CY
FILL: 269 CY
NET: 9 CY
DIP SECTION EXPORT: 184 CY

DISTURBED AREA:
PAD: 3,450 SF
ROAD: 13,208 SF
TOTAL: 16,658 SF

QUANTITIES
RIP RAP: 25 SF
DIP SECTION: 2708 SF
DOWNDRAIN: 10 LF
LENGTH OF ACCESS ROAD: 493 LF

TOWER P-184-1 PLAN

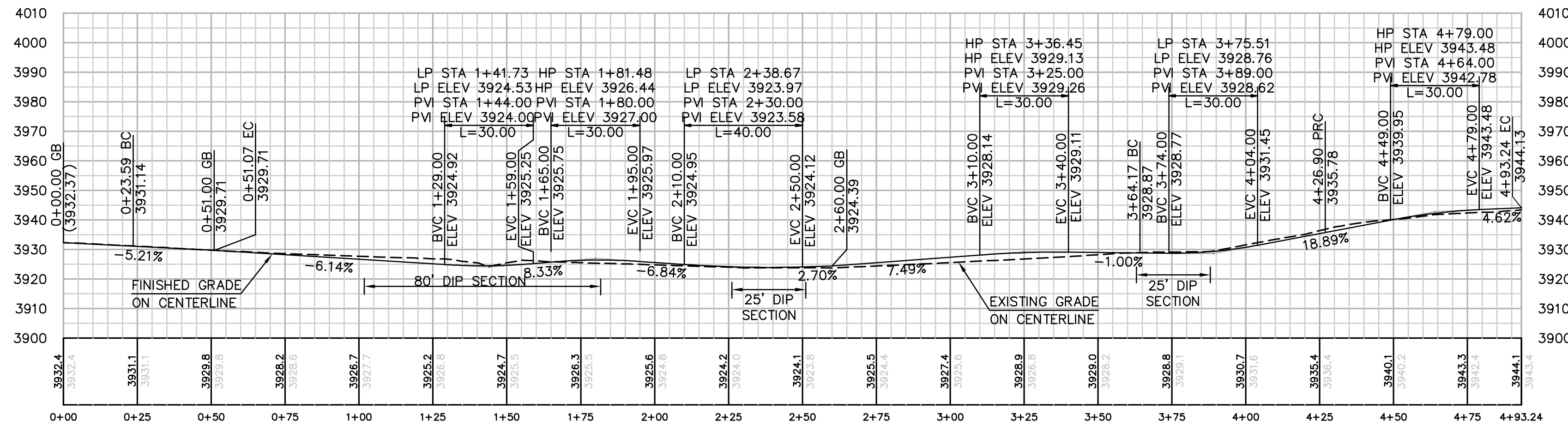
SCALE: 1" = 30'



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-184-1	500 KV EXMT Lattice Tangent Tower	0.00	145.50

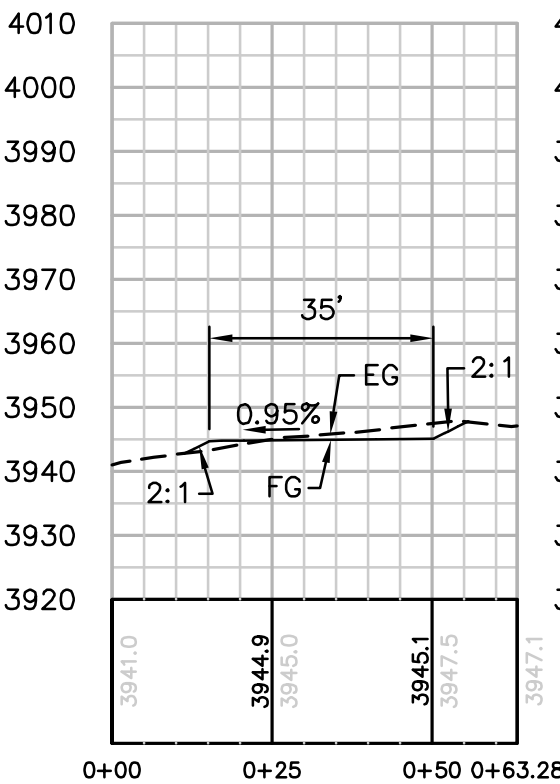
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		23.59	S37°24'32"E
C1	50.00	27.48	31°29'25"
L2		313.10	S68°53'57"E
C2	100.00	62.73	35°56'28"
C3	50.00	66.34	76°01'26"

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1856834.99	6549709.38	(3945.83)	P-184-1
2	1857105.98	6549230.12	(3929.55)	EG
3	1857068.15	6549175.87	(3932.37)	CL/EG
4	1857038.60	6549137.23	(3933.76)	EG
5	1857034.42	6549236.38	3928.13	EC
6	1857049.41	6549190.20	3931.14	CL/BC
7	1857033.14	6549211.91	3929.71	CL/EC
8	1857036.01	6549188.88	3931.03	EC
9	1857023.81	6549208.31	3930.03	FG
10	1856929.75	6549507.62	3928.67	BC
11	1856920.42	6549504.02	3928.87	CL/BC
12	1856911.09	6549500.42	3929.07	BC
13	1856886.97	6549560.31	3935.58	PRC
14	1856881.53	6549551.92	3935.78	CL/PRC
15	1856876.09	6549543.53	3935.98	PRC
16	1856870.90	6549606.89	3944.05	EC
17	1856851.63	6549575.45	3942.08	EC
18	1856837.81	6549618.27	3944.35	FG
19	1856861.45	6549610.14	3944.13	CL/EC
20	1856892.05	6549668.35	3945.26	FG
21	1856885.84	6549681.06	3945.53	FG
22	1856871.66	6549685.94	3945.66	FG
23	1856858.95	6549679.74	3945.57	FG
24	1857006.83	6549161.53		RP
25	1857071.73	6549250.78		RP



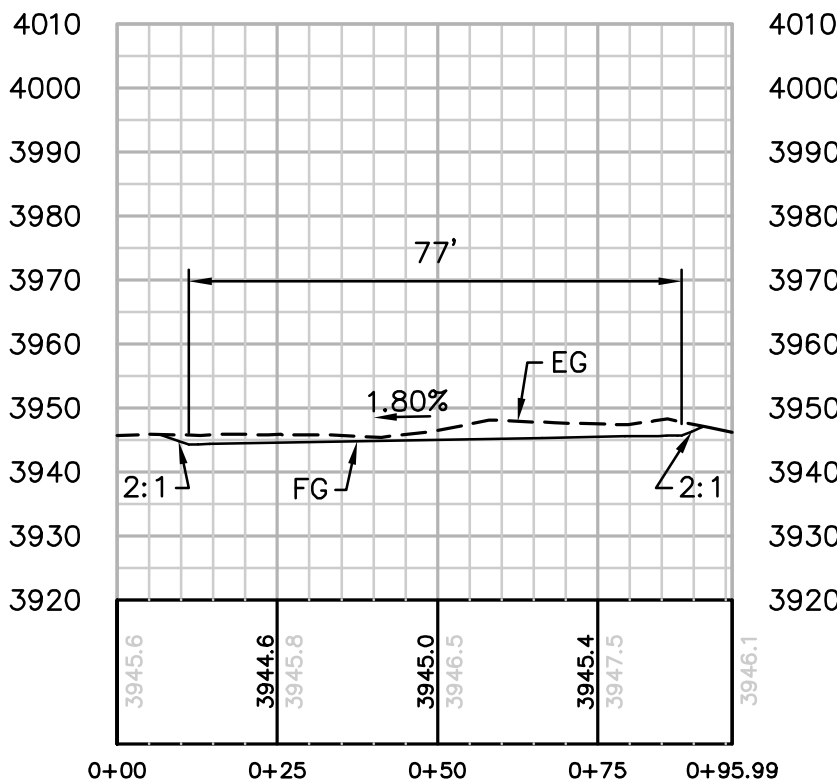
PROFILE: ACCESS ROAD TO TOWER P-184-1

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



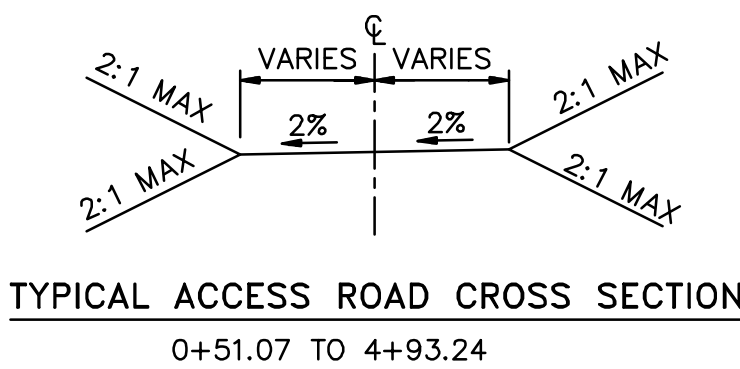
SECTION A-A

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



SECTION B-B

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

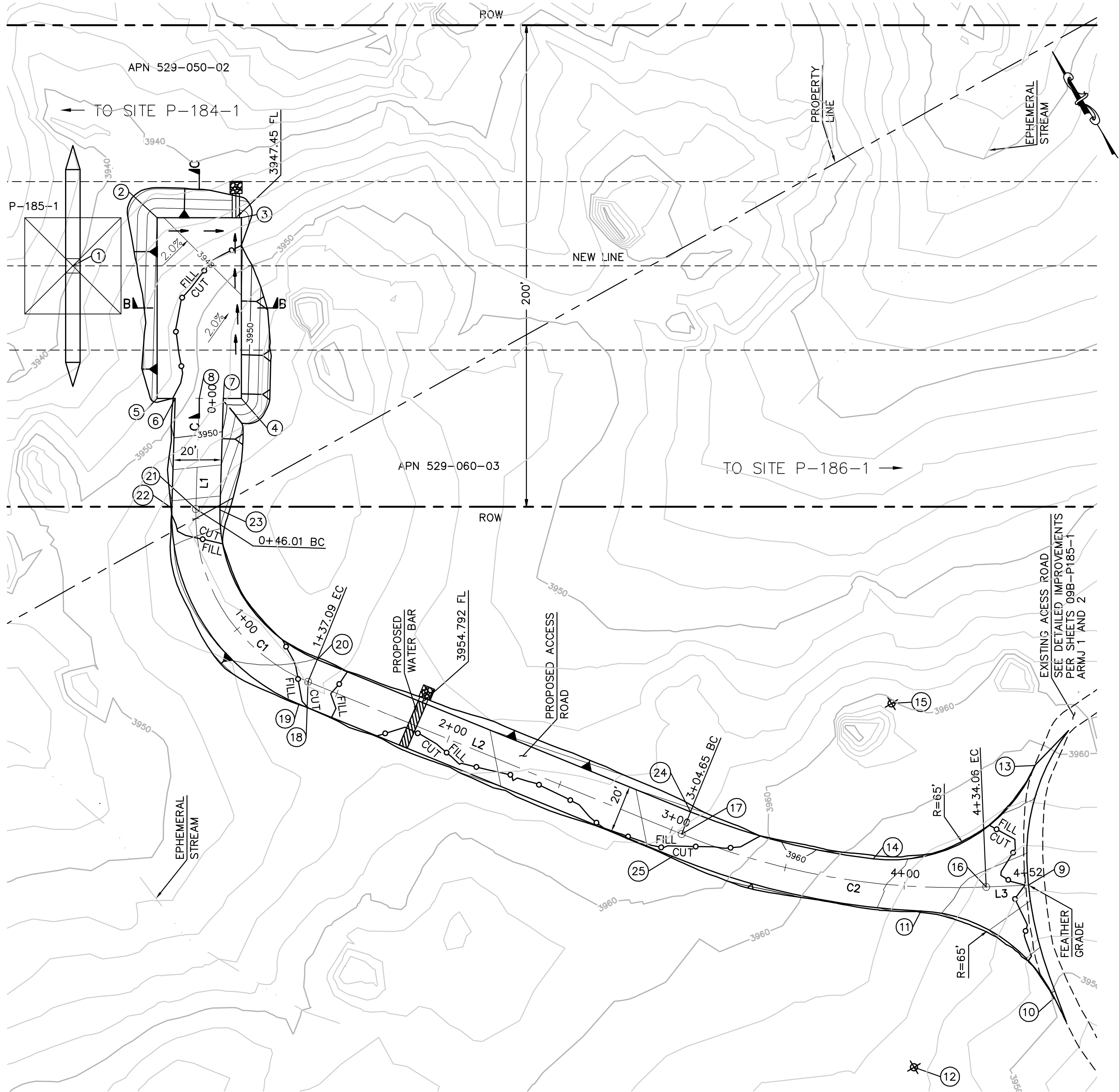


REVISIONS

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-9B (LINK 1) SITE P-184-1			
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P184-1-S1

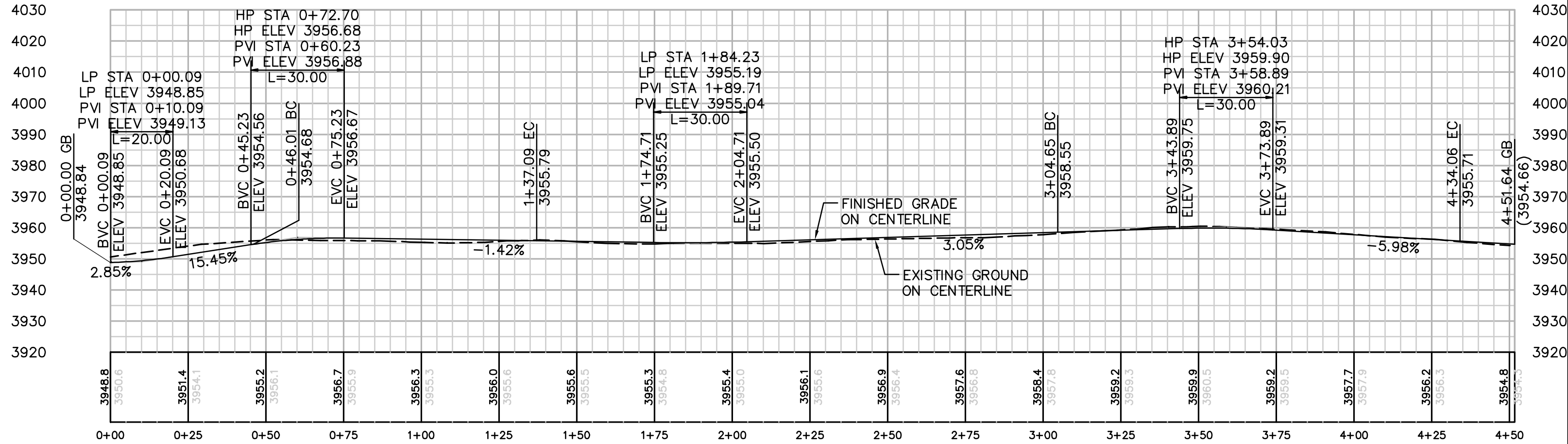
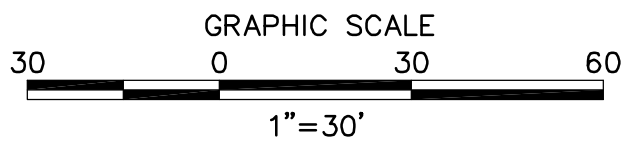


EARTH QUANTITIES:
CUT: 299 CY
FILL: 278 CY
NET: 21 CY

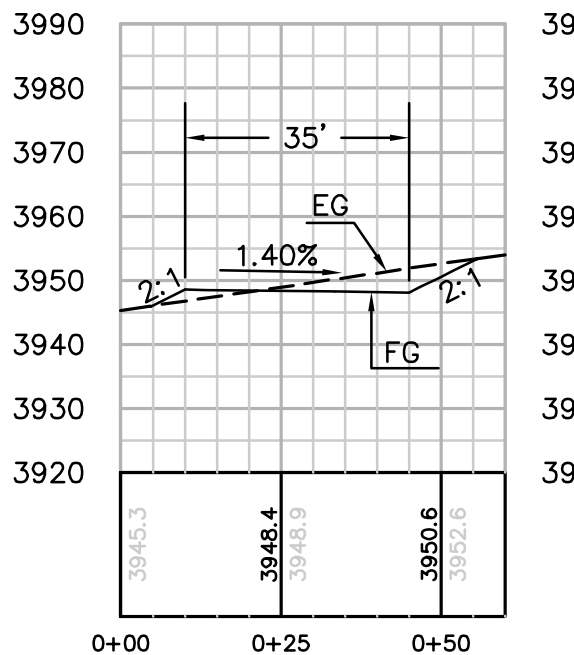
DISTURBED AREA:
PAD: 4,475 SF
ROAD: 11,636 SF
TOTAL: 16,111 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 12 LF
LENGTH OF ACCESS ROAD: 450 LF

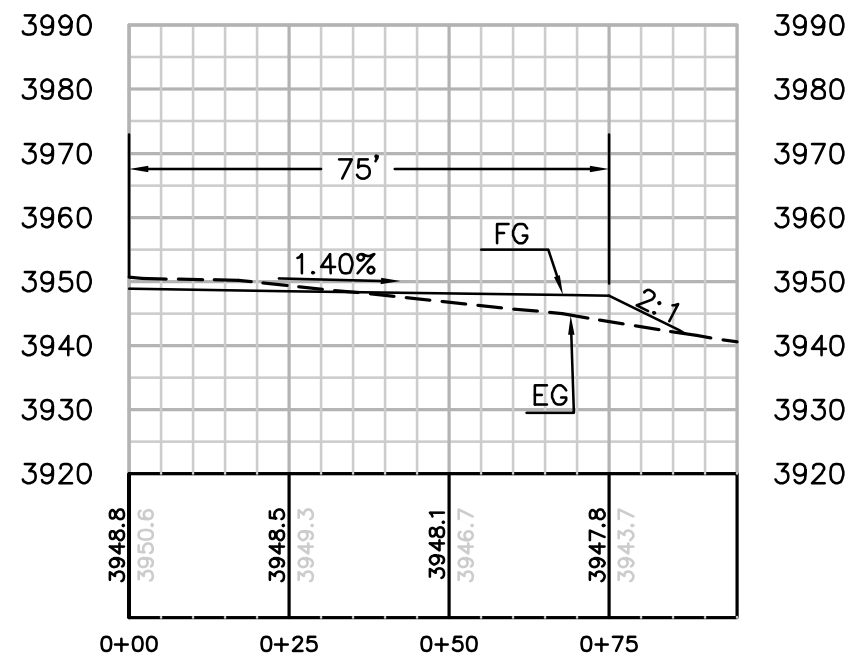
TOWER P-185-1 PLAN
SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-185-1
HORIZ. & VERT. SCALE: 1" = 30'



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

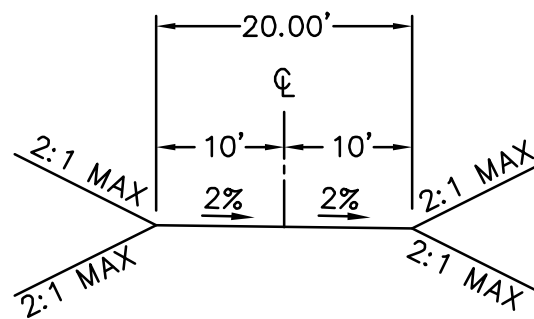


SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-185-1	500 KV EXMT Lattice Tangent Tower	0.00	169.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1856164.38	6550821.02	(3939.73)	P-185-1
2	1856163.42	6550861.34	3948.04	FG
3	1856145.34	6550891.31	3947.55	FG
4	1856081.12	6550852.57	3948.60	FG
5	1856099.20	6550822.60	3949.09	FG
6	1856095.33	6550829.02	3948.98	FG
7	1856084.99	6550846.15	3948.70	FG
8	1856090.16	6550837.58	3948.84	CL/FG
9	1855739.11	6551028.07	(3954.66)	CL/EG
10	1855693.49	6551013.03	(3949.69)	EG
11	1855752.96	6550984.29	3956.91	PRC
12	1855698.86	6550948.25		RP
13	1855780.21	6551056.10	(3959.55)	EG
14	1855781.72	6550978.52	3958.58	PRC
15	1855833.11	6551018.33		RP
16	1855747.51	6551012.64	3955.32	CL/EC
17	1855831.65	6550915.62	3958.55	CL/BC
18	1855965.98	6550815.47	3955.79	CL/EC
19	1855960.00	6550807.45	3955.59	EC
20	1855971.96	6550823.49	3956.99	EC
21	1856051.52	6550812.61	3954.68	CL/BC
22	1856056.95	6550804.21	3954.48	BC
23	1856046.09	6550821.01	3954.88	BC
24	1855837.63	6550923.64	3958.75	BC
25	1855825.67	6550907.61	3958.35	BC

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		46.01	S32°52'35"W
C1	75.00	91.09	69°35'02"
L2		167.56	S36°42'27"E
C2	300.00	129.42	24°43'00"
L3		17.57	S61°25'27"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO STA 3+86.00

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-9B (LINK 1)
SITE P-185-1

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

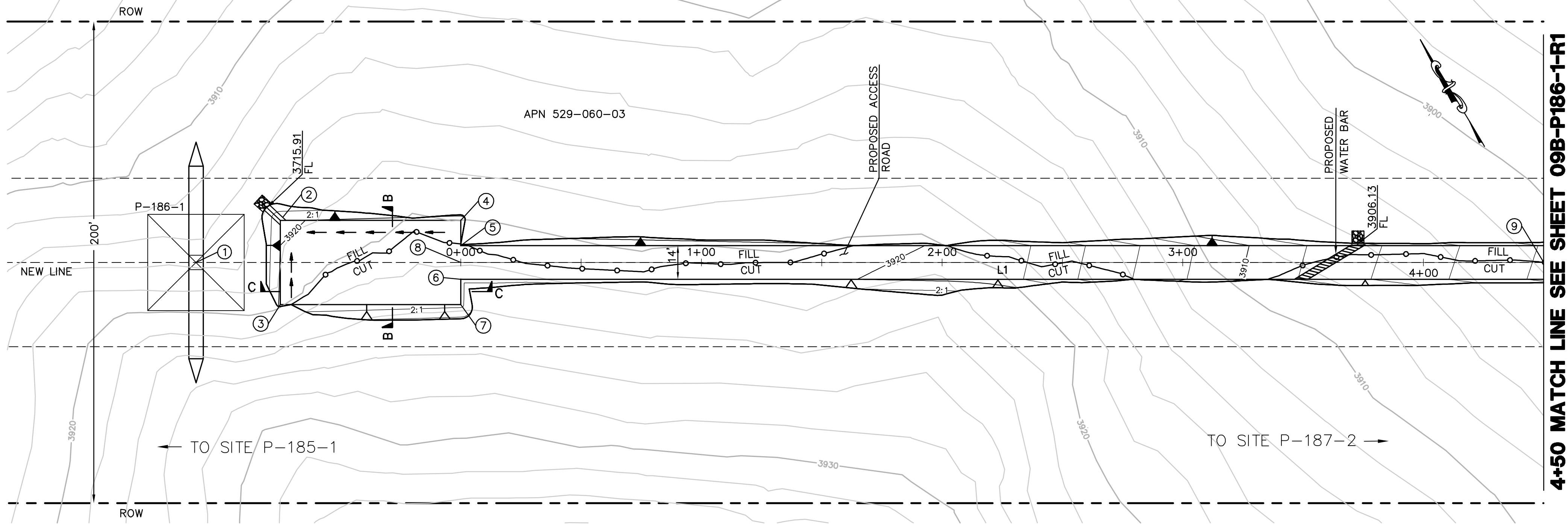
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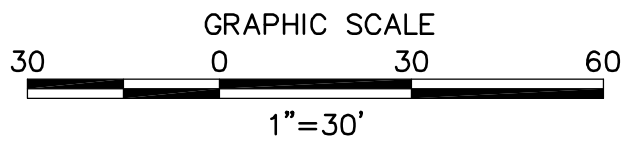


EARTH QUANTITIES:
CUT: 167 CY
FILL: 149 CY
NET: 18 CY

DISTURBED AREA:
PAD: 3,586 SF
ROAD: 8,130 SF
TOTAL: 11,716 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN : 10 LF
LENGTH OF ACCESS ROAD: 450 LF

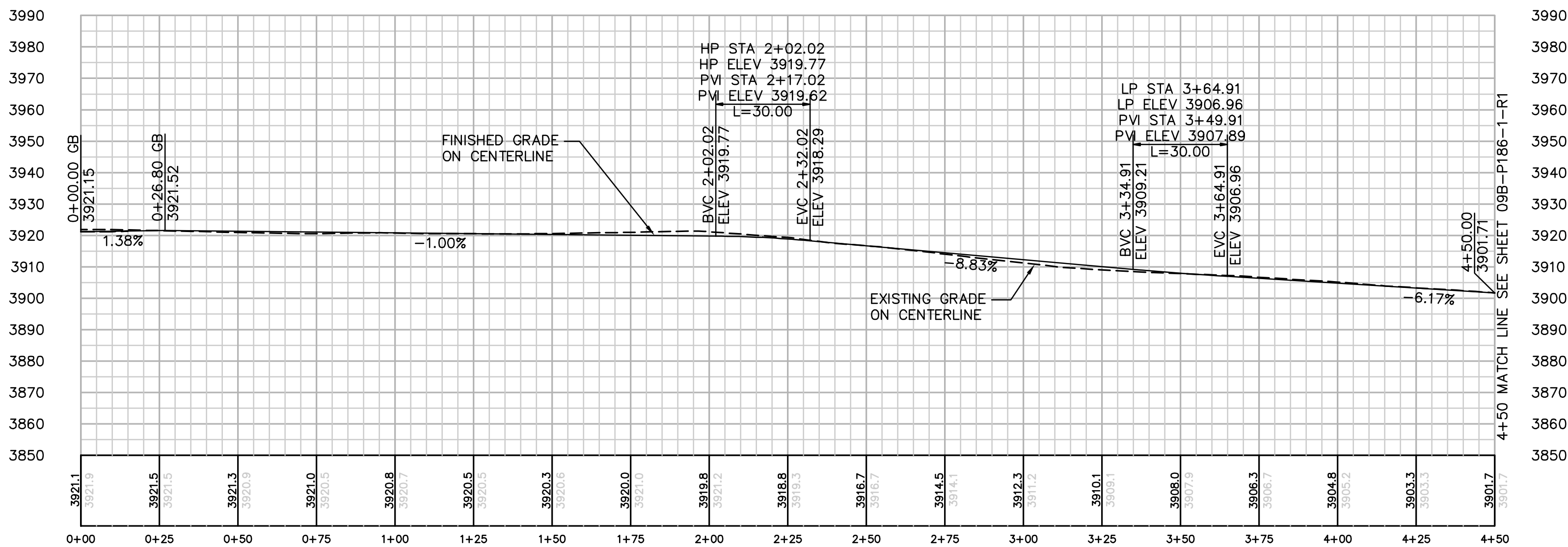
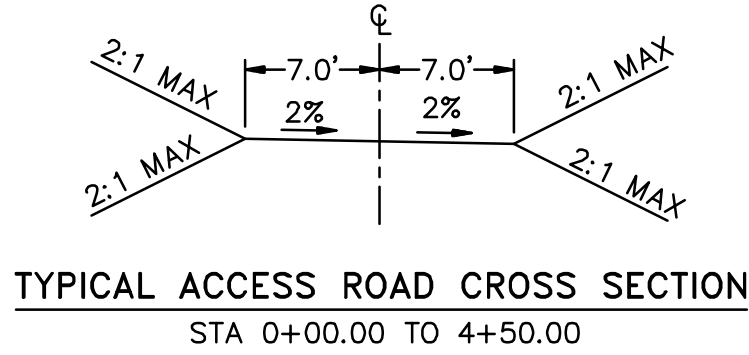
TOWER P-186-1 PLAN
SCALE: 1" = 30'



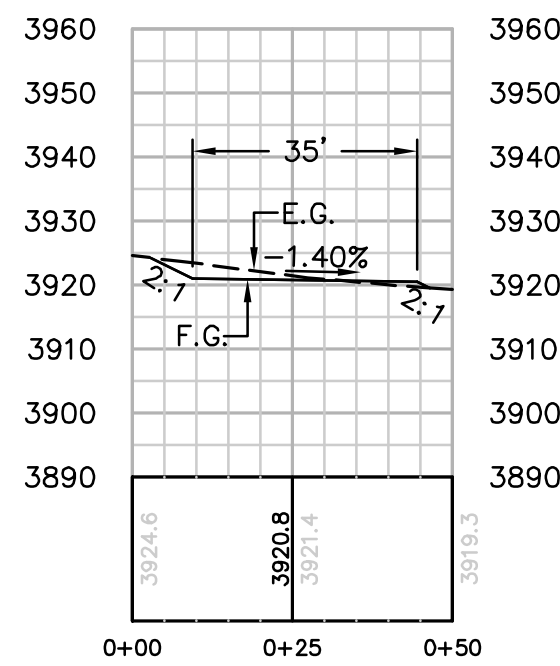
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-186-1	500 KV EXMT Lattice Tangent Tower	0.00	169.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		450.00	S58°53'57"E

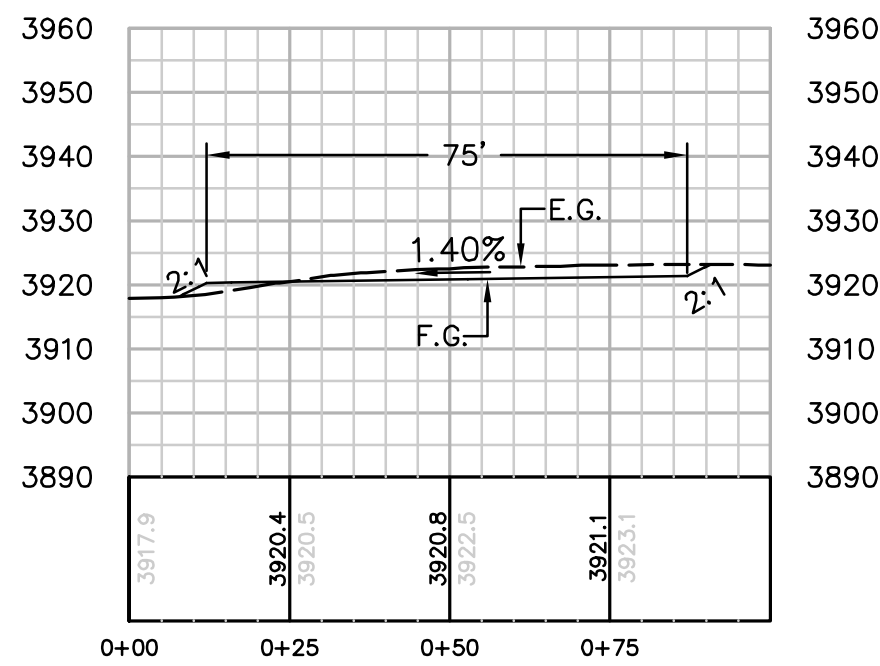
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1855388.16	6552107.74	(3915.61)	P-186-1
2	1855385.06	6552146.76	3919.85	FG
3	1855355.09	6552128.68	3920.34	FG
4	1855346.32	6552210.98	3920.90	FG
5	1855337.33	6552205.56	3921.05	FG
6	1855325.34	6552198.32	3921.25	FG
7	1855316.35	6552192.90	3921.39	FG
8	1855331.33	6552201.94	3921.15	CL/FG
9	1855098.89	6552587.26	3901.71	CL/FG



PROFILE: ACCESS ROAD TO TOWER P-186-1
HORIZ. & VERT. SCALE: 1" = 30'



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



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

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-9B (LINK 1)
SITE P-186-1

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

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P:\161919 SDG&E SPL\CADD\09B\dwg\Plans\09B-P186-1-R1.dwg\May-26-2010\1040

EARTH QUANTITIES:
CUT: 183 CY
FILL: 173 CY
NET: 10 CY

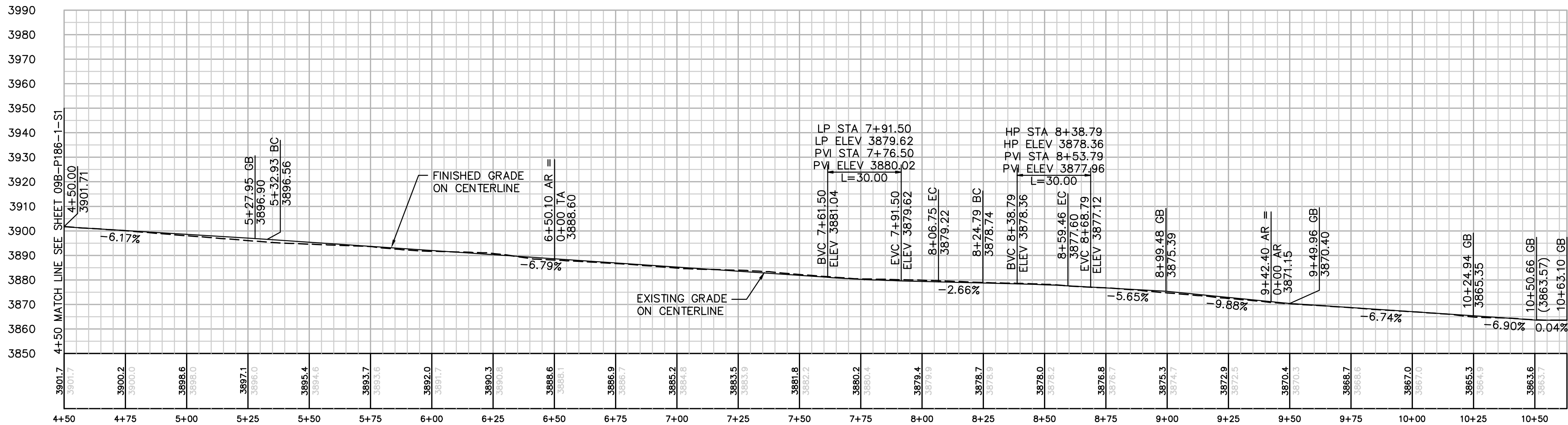
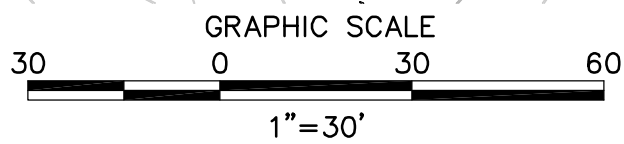
DISTURBED AREA:
ROAD: 18,362 SF
TOTAL: 18,362 SF

QUANTITIES
RIP RAP: 75 SF
DOWN DRAIN: 2 LF

LENGTH OF ACCESS ROAD: 786 LF

ACCESS ROAD TO TOWER P-186-1 PLAN

SCALE: 1" = 30'



PROFILE: ACCESS ROAD TO TOWER P-186-1

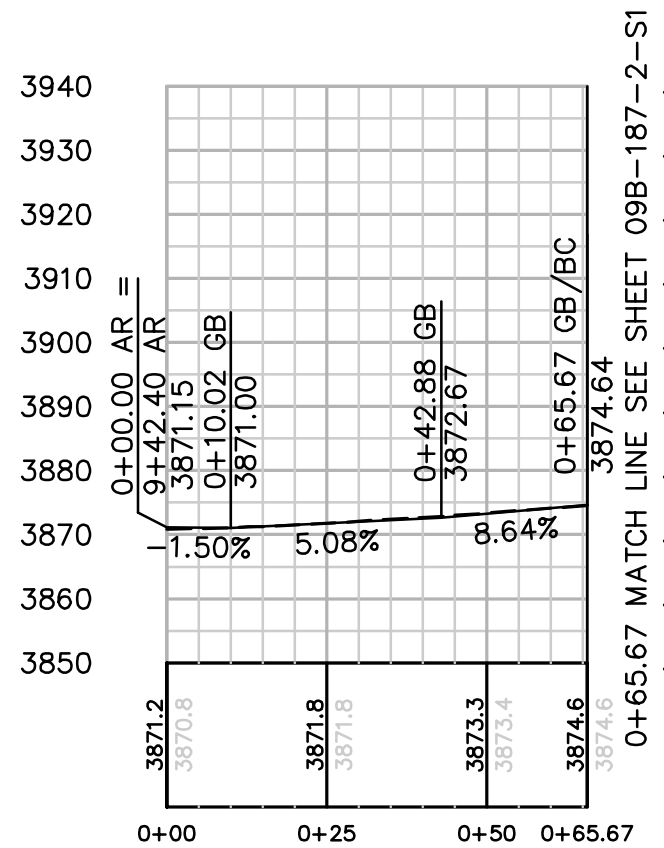
HORIZ. & VERT. SCALE: 1" = 30'

REVISIONS

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

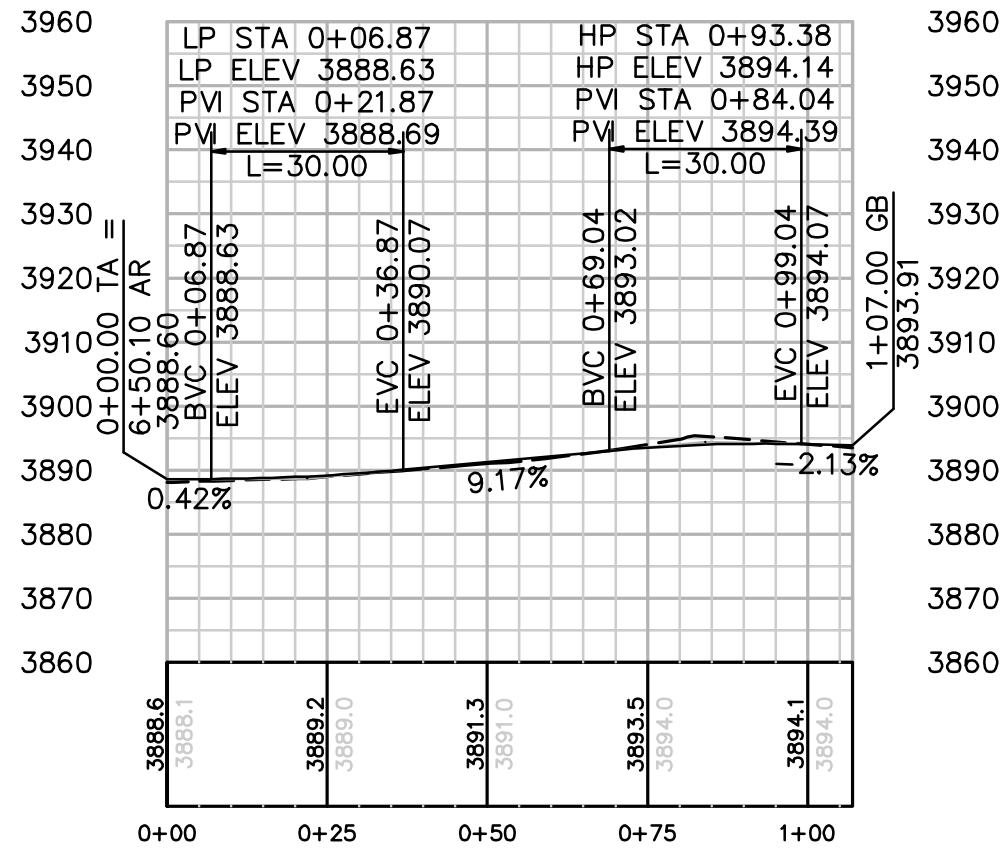
PROFILE: ACCESS ROAD TO TOWER P-187-2

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



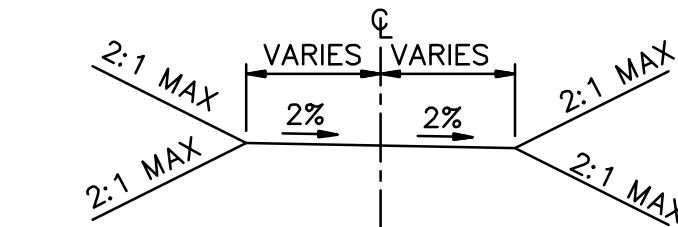
PROFILE: TURNAROUND

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



CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	300.00	273.82	52°17'49"
C2	75.00	34.67	26°28'58"
L2		82.93	S58°53'57"E
L3		18.04	N68°48'14"E
L4		203.64	N42°19'15"E
L5		107.00	S8°43'23"W
L6		37.83	S44°28'38"E
L7		27.85	S43°19'39"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	1855098.89	6552587.26	3901.71	CL/FG
11	1855077.54	6552636.19	3898.58	FG
12	1855065.55	6552628.96	3898.30	FG
13	1855056.05	6552658.26	3896.56	CL/BC
14	1855064.61	6552663.43	3896.76	BC
15	1855047.49	6552653.10	3896.36	BC
16	1855022.11	6552705.88	3892.29	BC
17	1854951.27	6552747.62	3892.67	EC
18	1854961.13	6552683.37		RP
19	1854912.16	6552741.62	3893.71	FG
20	1854910.64	6552751.50	3893.91	CL/FG
21	1854909.12	6552761.39	3894.11	FG
22	1854948.24	6552767.39	3893.07	BC
23	1855003.30	6552828.45	3884.23	EC
24	1854938.38	6552831.64		RP
25	1855016.40	6552767.73	3888.60	CL/FG/INT
26	1855042.55	6552918.08	3879.42	EC
27	1855033.23	6552921.70	3879.22	CL/EC
28	1855023.90	6552925.31	3879.02	EC
29	1855049.07	6552934.90	3878.94	BC
30	1855039.75	6552938.52	3878.74	CL/BC
31	1855030.42	6552942.13	3878.54	BC
32	1855065.91	6552959.46	3877.80	EC
33	1855059.18	6552966.85	3877.60	CL/EC
34	1855052.45	6552974.25	3877.40	EC
35	1855084.65	6553003.57	3874.84	BC
36	1855085.03	6553047.57	3872.53	EC
37	1855068.45	6553063.21	3874.50	FG
38	1855073.26	6553068.31	3874.64	CL
39	1855078.06	6553073.40	3874.78	FG
40	1855120.51	6553022.70	3871.15	CL/FG/INT
41	1855187.41	6553097.21	3864.00	FG
42	1855200.88	6553082.36	3864.37	FG
43	1855212.36	6553101.09	(3862.98)	EG
44	1855206.99	6553106.99	(3864.22)	EG
45	1855209.75	6553103.96	(3863.58)	EG
46	1855093.51	6553049.20	3872.41	CL/PI
47	1855098.74	6553053.89	3872.53	BC
48	1855139.52	6553053.54	3868.38	EC
49	1855064.45	6553025.75		RP
50	1855119.32	6553075.72		RP



TYPICAL ACCESS ROAD CROSS SECTION

STA 4+50.00 TO 10+63.00
STA 0+00.00 TO 0+65.67
STA 0+00.00 TO 1+07.00



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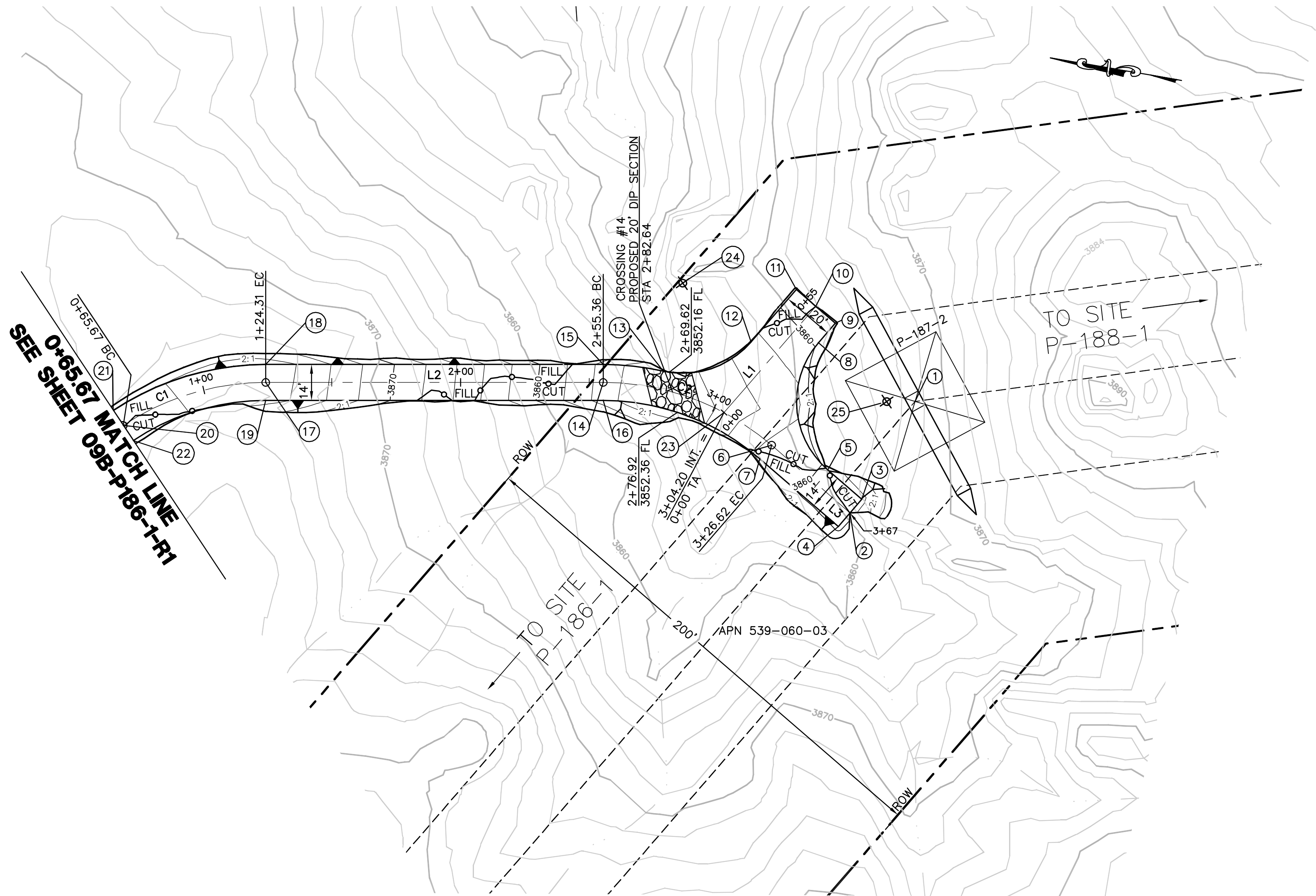
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
ACCESS ROAD TO SITE P-186-1

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

09B-P186-1-R1

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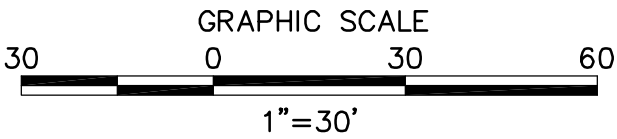


EARTH QUANTITIES:
CUT: 148 CY
FILL: 115 CY
NET: 33 CY
DIP SECTION EXPORT: 21 CY

DISTURBED AREA:
ROAD: 7,318 SF

QUANTITIES:
DIP SECTION: 304 SF
LENGTH OF ACCESS ROAD: 356 LF

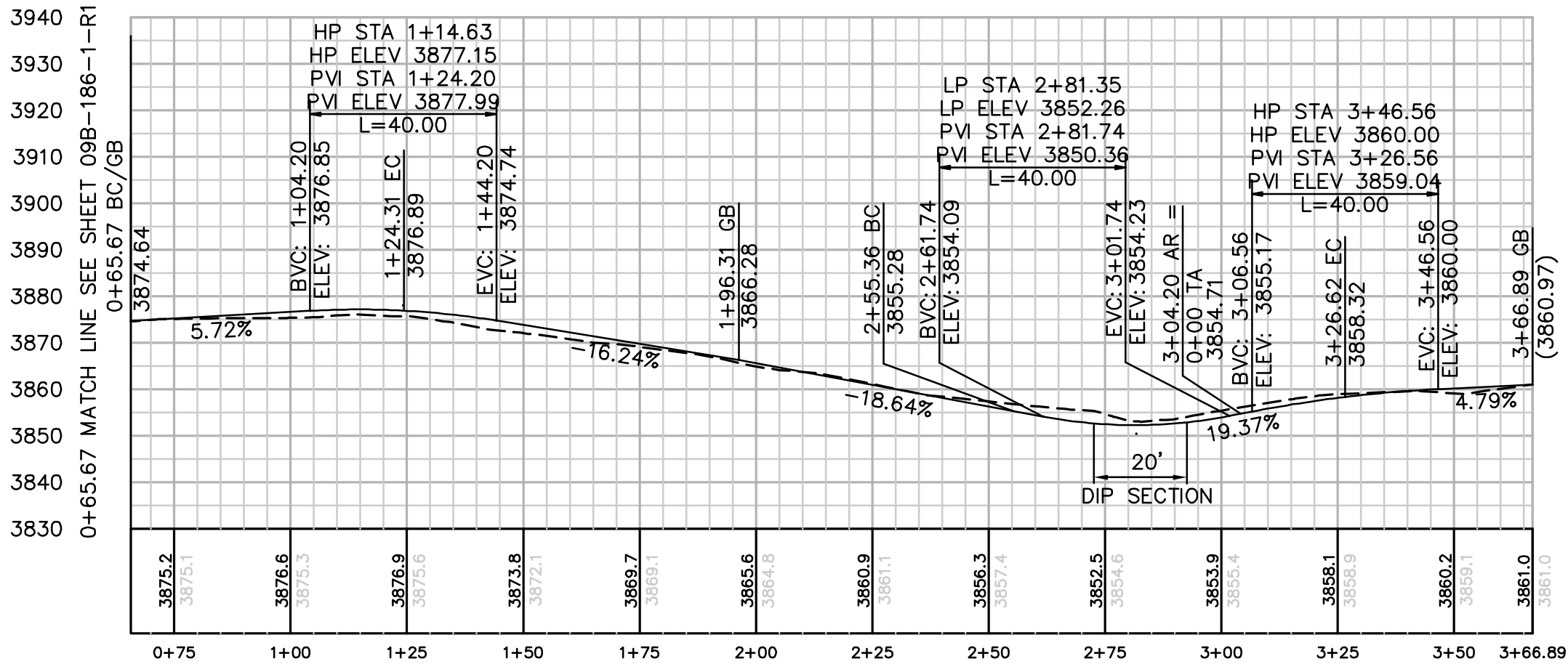
TOWER P-187-2 PLAN
SCALE: 1" = 30'



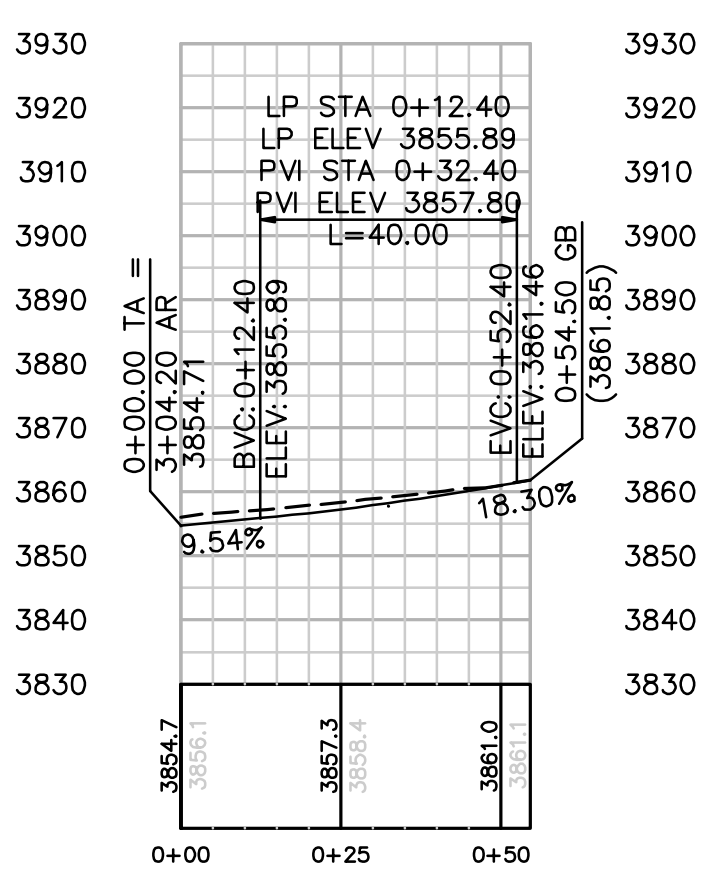
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-187-2	500 KV EXMD Lattice Dead-End Tower	41.54	156.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	100.00	58.64	33°35'45"
C2	100.00	71.27	40°49'57"
L1		54.50	S58°53'57"E
L2		131.05	S9°43'54"E
L3		40.26	S31°06'03"W

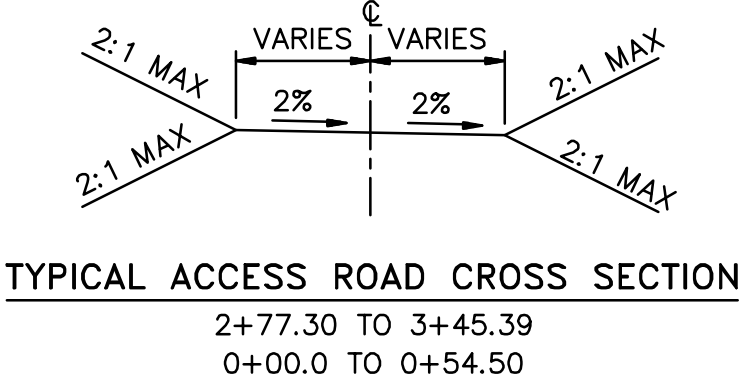
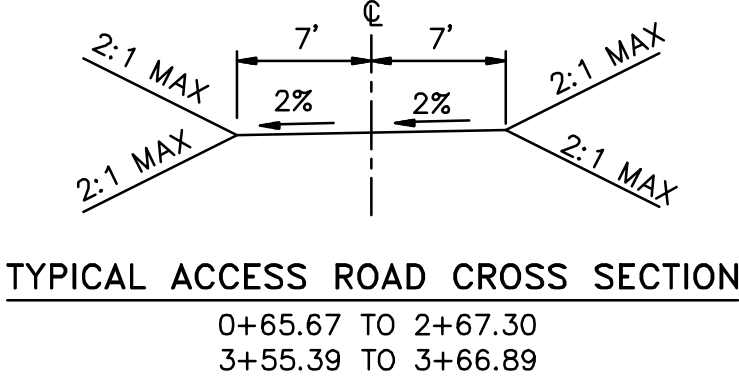
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1854771.79	6553129.47	(3867.20)	P187-2
2	1854789.35	6553082.54	(3860.97)	CL
3	1854785.73	6553088.53	3861.11	FG
4	1854792.97	6553076.55	3860.83	FG
5	1854800.72	6553097.57	3860.21	EC
6	1854823.83	6553103.34	3858.32	CL/EC
7	1854827.44	6553097.35	3858.46	EC
8	1854812.61	6553145.62	3860.29	BC
9	1854807.44	6553154.19	3862.05	FG
10	1854816.01	6553159.35	(3861.85)	CL
11	1854824.57	6553164.52	3861.65	FG
12	1854838.48	6553141.46	3857.39	EC
13	1854870.18	6553124.58	3852.20	PRC
14	1854892.38	6553116.27	3855.28	CL/BC
15	1854893.57	6553123.17	3855.42	BC
16	1854891.20	6553109.37	3855.14	BC
17	1855021.54	6553094.12	3876.89	CL/EC
18	1855022.73	6553101.02	3877.03	EC
19	1855020.36	6553087.22	3876.75	EC
20	1855073.26	6553068.31	3874.64	CL/BC
21	1855078.06	6553073.40	3874.78	BC
22	1855068.45	6553063.21	3874.50	BC
23	1854844.16	6553112.68	3854.71	CL/INT
24	1854868.45	6553159.54		RP
25	1854782.64	6553127.54		RP



PROFILE: ACCESS ROAD TO TOWER P-187-2
HORIZ. & VERT. SCALE: 1" = 30'



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



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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SPL-9B (LINK 1) SITE P-187-2			
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
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APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

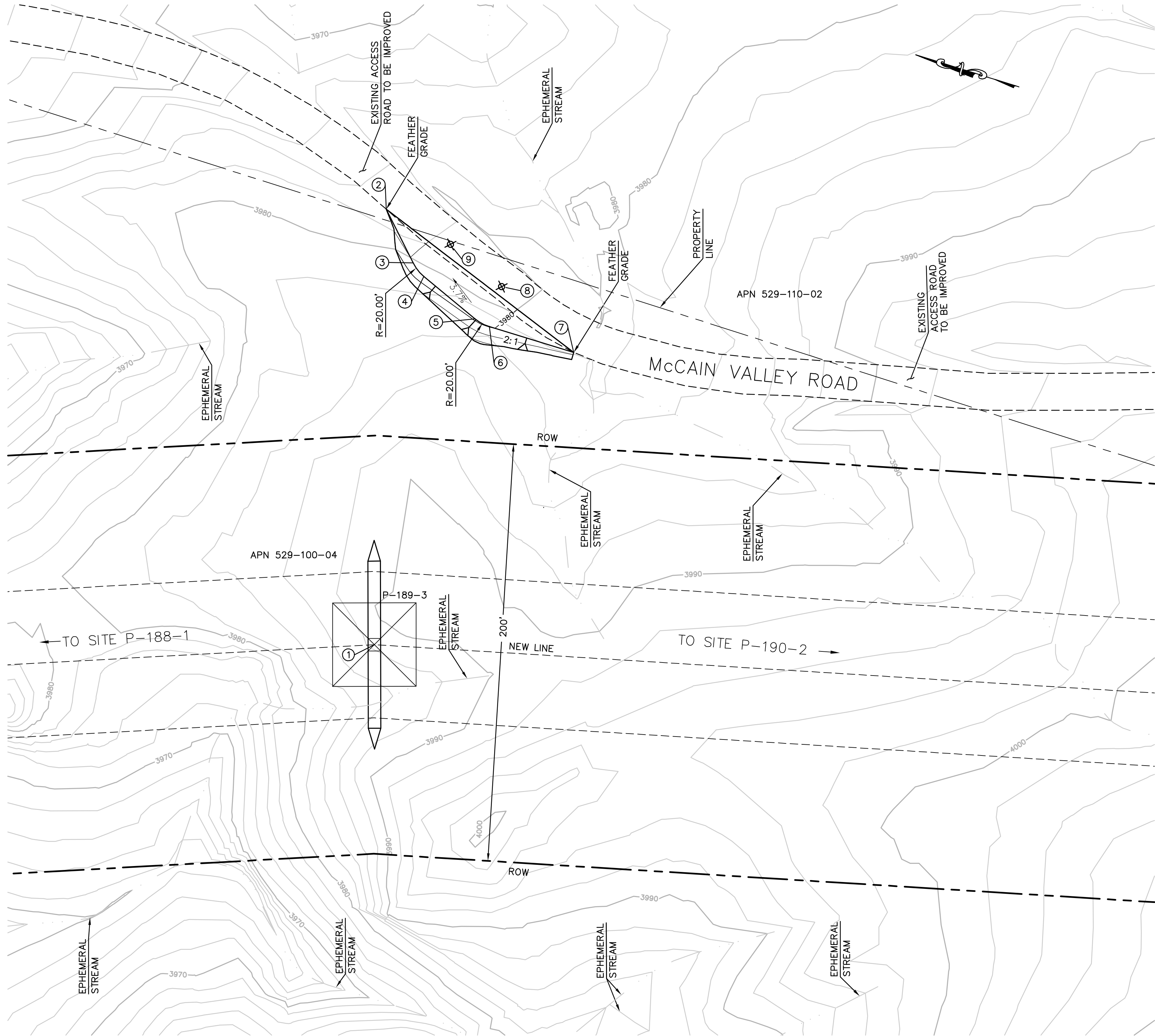
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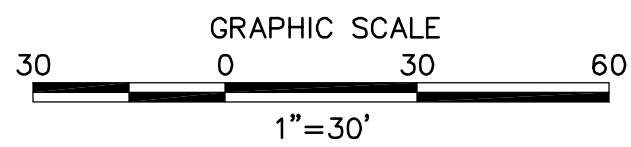
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EARTH QUANTITIES: CUT: 80 CY
FILL: 0 CY
NET: 80 CY

DISTURBED AREA: ROAD: 1,874 SF
TOTAL: 1,874 SF

TOWER P-189-3 PLAN
SCALE: 1" = 30'



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-189-3	500 KV EXMA Lattice Angle Tower	6.69	157.5

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1852227.31	6554001.14	(3988.31)	P-189-3
2	1852283.84	6554201.97	(3976.79)	EG
3	1852263.89	6554181.18	3978.14	FG
4	1852257.06	6554176.53	3978.45	FG
5	1852227.65	6554164.45	3979.61	FG
6	1852219.97	6554162.95	3979.90	FG
7	1852177.72	6554163.12	(3981.40)	EG
8	1852220.05	6554182.95		RP
9	1852249.46	6554195.03		RP



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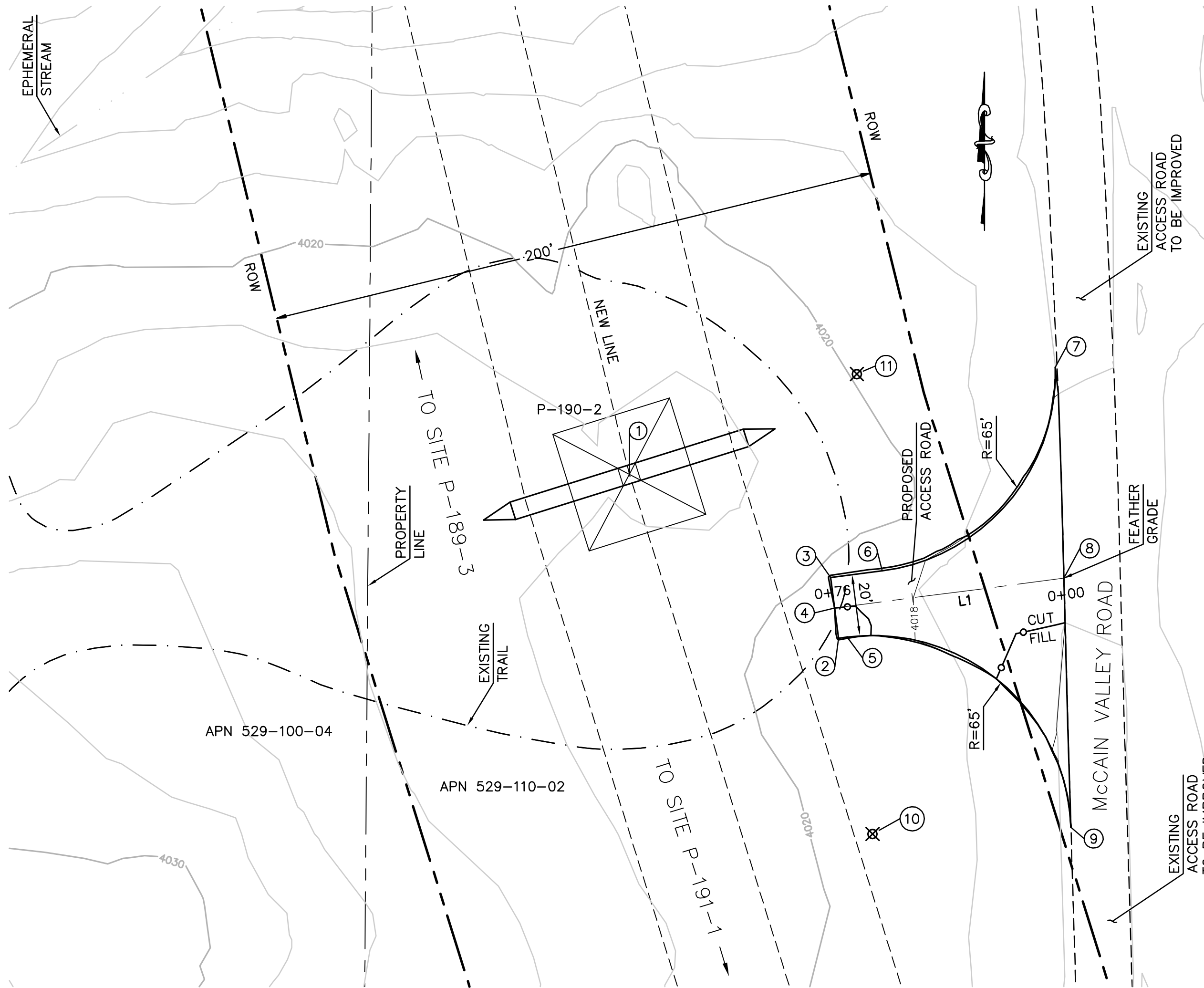
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
SITE P-189-3

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

09B-P189-3-S1

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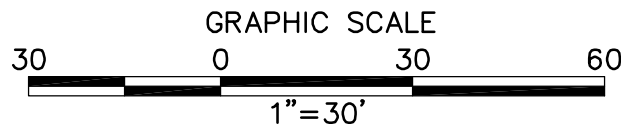


EARTH QUANTITIES:
CUT: 11 CY
FILL: 4 CY
NET: 7 CY

DISTURBED AREA:
ROAD: 4,032 SF
TOTAL: 4,032 SF

LENGTH OF ACCESS ROAD: 76 LF

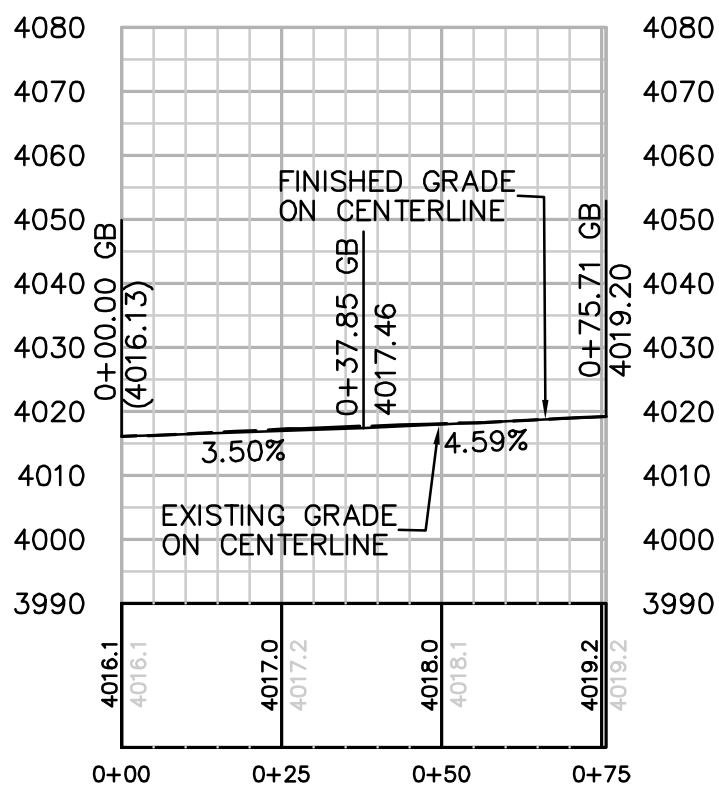
TOWER P-190-2 PLAN
SCALE: 1" = 30'



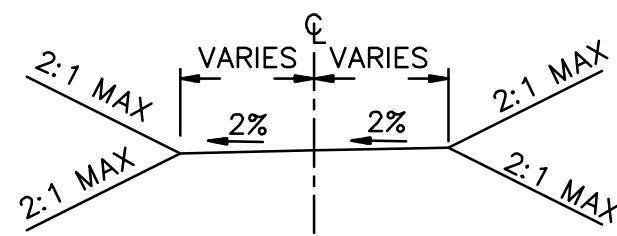
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-190-2	500 KV EXLA Lattice Angle Tower	-3.63	151.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1851113.43	6554273.39	(4023.20)	P-190-2
2	1851059.80	6554341.91	4019.00	FG
3	1851079.64	6554339.34	4019.40	FG
4	1851069.72	6554340.62	4019.20	CL
5	1851060.16	6554344.71	4018.87	EC
6	1851081.82	6554356.23	4018.61	EC
7	1851148.50	6554412.86	(4016.01)	BC/EG
8	1851079.42	6554415.71	(4016.13)	CL/EG
9	1850997.92	6554418.00	(4015.75)	BC/EG
10	1850995.70	6554353.04		RP
11	1851146.28	6554347.89		RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		75.71	S82°38'11"W



PROFILE: ACCESS ROAD TO TOWER P-190-2
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+75.71

REVISIONS

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SITE P-190-2

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

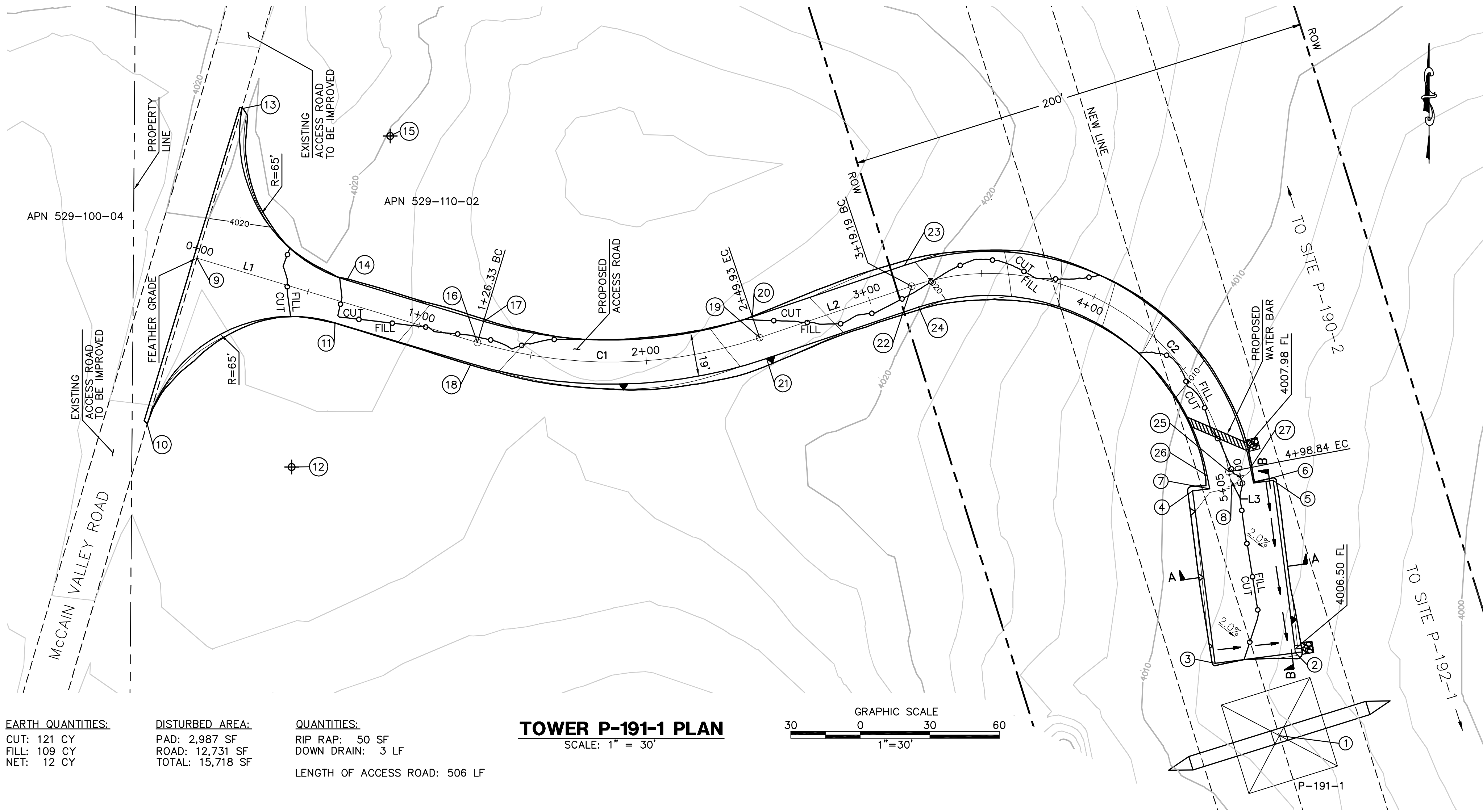
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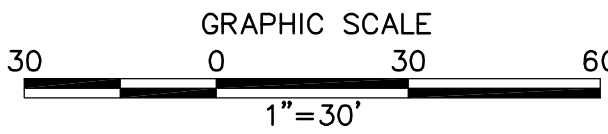


EARTH QUANTITIES:
CUT: 121 CY
FILL: 109 CY
NET: 12 CY

DISTURBED AREA:
PAD: 2,987 SF
ROAD: 12,731 SF
TOTAL: 15,718 SF

QUANTITIES:
RIP RAP: 50 SF
DOWN DRAIN: 3 LF
LENGTH OF ACCESS ROAD: 506 LF

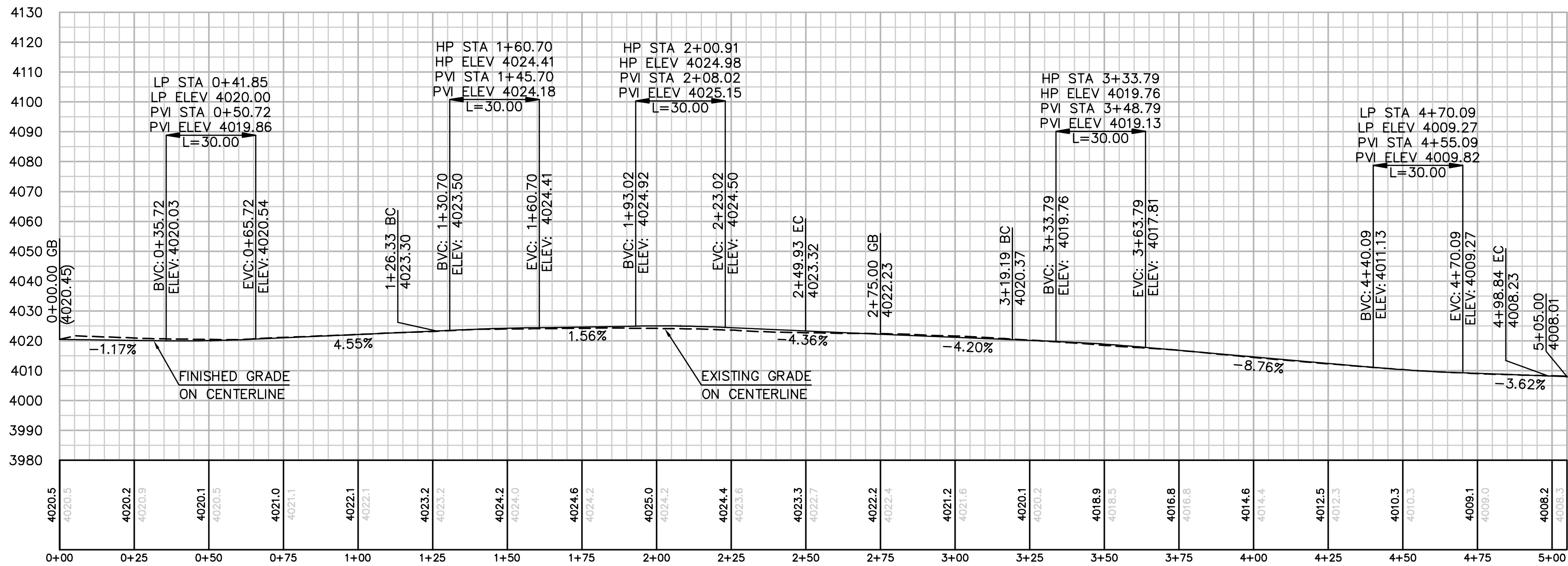
TOWER P-191-1 PLAN
SCALE: 1" = 30'



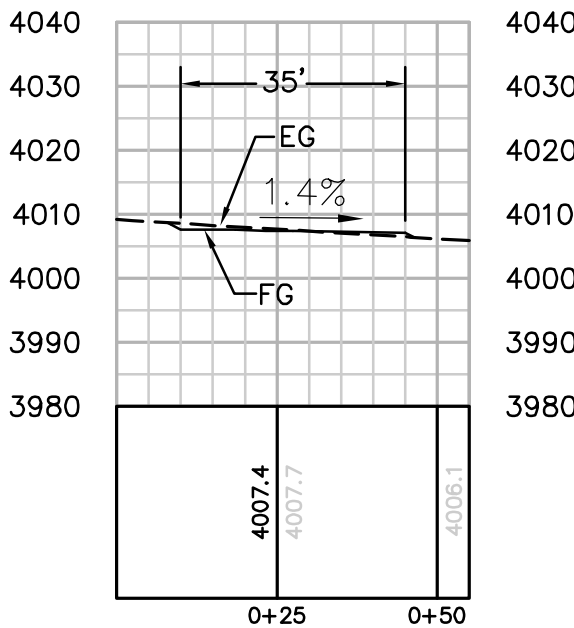
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-191-1	500 KV EXMT Lattice Tangent Tower	0.00	160.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1849832.03	6554674.06	(4006.61)	P-191-1
2	1849867.68	6554680.97	4006.59	FG
3	1849863.19	6554646.26	4007.08	FG
4	1849937.57	6554636.65	4008.13	FG
5	1849942.06	6554671.36	4007.64	FG
6	1849940.96	6554662.86	4007.76	FG
7	1849938.52	6554643.99	4008.07	FG
8	1849939.73	6554653.43	4008.01	CL
9	1850037.92	6554207.24	(4020.45)	CL
10	1849966.52	6554185.82	(4022.19)	BC
11	1850010.11	6554266.79	4020.86	EC
12	1849947.85	6554248.09		RP
13	1850102.41	6554226.62	(4018.76)	BC
14	1850028.41	6554271.89	4020.46	EC
15	1850090.66	6554290.59		RP
16	1850001.57	6554328.22	4023.30	CL/BC
17	1850010.67	6554330.96	4023.11	BC
18	1849992.47	6554325.49	4023.49	BC
19	1850003.65	6554449.85	4023.32	CL/EC
20	1850012.65	6554446.80	4023.13	EC
21	1849994.65	6554452.89	4023.51	EC
22	1850025.84	6554515.46	4020.37	CL/BC
23	1850034.84	6554512.41	4020.18	BC
24	1850016.84	6554518.50	4020.56	BC
25	1849945.79	6554652.29	4008.23	CL/EC
26	1849944.03	6554642.95	4008.42	EC
27	1849947.54	6554661.62	4008.04	EC

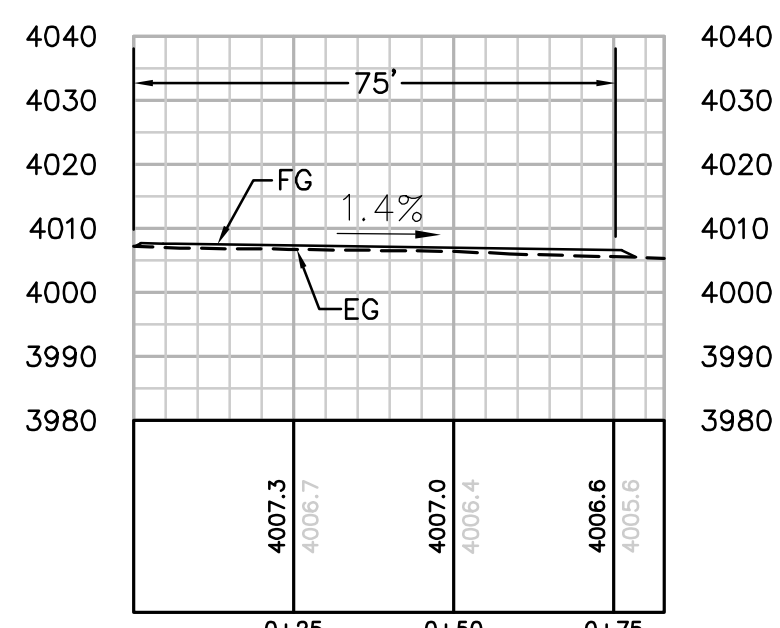
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		126.33	S73°16'40"E
C1	200.00	123.60	35°24'30"
L2		69.26	N71°18'50"E
C2	105.00	179.65	98°01'57"
L3		6.16	S10°39'13"E



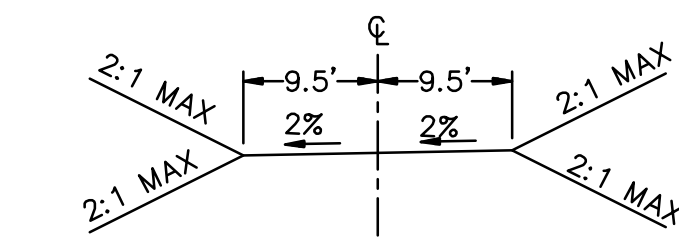
PROFILE: ACCESS ROAD TO TOWER P-191-1
HORIZ. & VERT. SCALE: 1" = 30'



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



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 5+06

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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
SITE P-191-1

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

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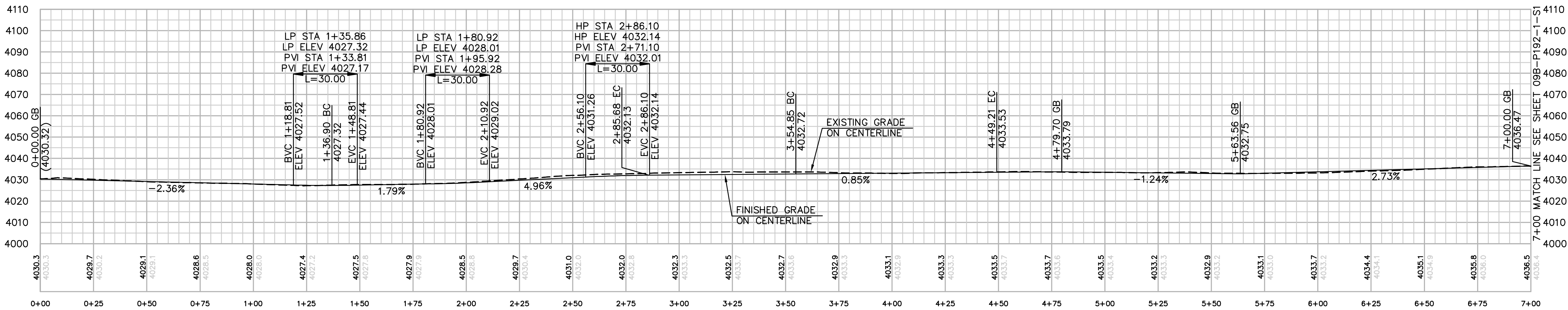
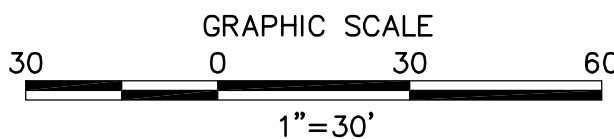
SAN DIEGO GAS & ELECTRIC COMPANY				
SAN DIEGO, CALIFORNIA				
SPL-9B (LINK I)				
SITE P-192-1				
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1	09B-P192-1-S1		

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EARTH QUANTITIES: CUT: 189 CY FILL: 34 CY NET: 155 CY
DISTURBED AREA: ROAD: 18,980 SF TOTAL: 18,980 SF
QUANTITIES: RIP RAP: 25 SF LENGTH OF ACCESS ROAD: 700 LF

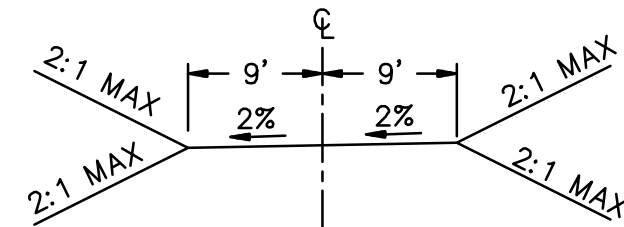
ACCESS ROAD TO TOWER P-192-1 PLAN
SCALE: 1" = 30'



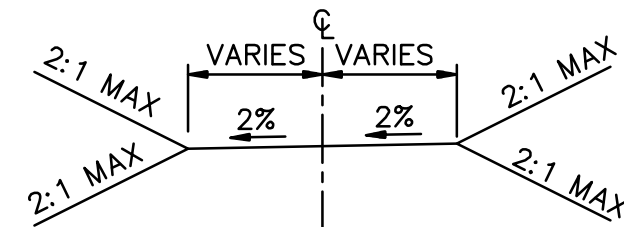
PROFILE: ACCESS ROAD TO TOWER P-192-1
HORIZ & VERT SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1848804.69	6554028.55	(4030.32)	CL
2	1848730.78	6554022.97	(4029.62)	BC
3	1848725.92	6554087.79		RP
4	1848878.76	6554034.42	(4030.65)	BC
5	1848873.48	6554099.21		RP
6	1848808.67	6554094.23	4028.60	FG
7	1848790.27	6554087.62	4028.76	FG
8	1848794.21	6554165.05	4027.32	CL/BC
9	1848785.24	6554164.36	4027.50	FG
10	1848803.18	6554165.74	4027.14	FG
11	1848731.16	6554296.04	4032.13	CL/EC
12	1848725.02	6554289.46	4032.31	FG
13	1848737.30	6554302.63	4031.95	FG
14	1848680.57	6554343.20	4032.72	CL/BC
15	1848674.43	6554336.62	4032.90	FG
16	1848686.70	6554349.78	4032.54	FG
17	1848628.95	6554421.22	4033.53	CL/EC
18	1848637.42	6554424.24	4033.35	FG
19	1848620.51	6554418.09	4033.71	FG
20	1848612.14	6554446.97	4033.92	FG
21	1848625.29	6554451.75	4033.64	FG
22	1848549.86	6554659.25	4036.33	FG
23	1848543.28	6554656.86	4036.47	CL
24	1848536.70	6554654.47	4036.61	FG

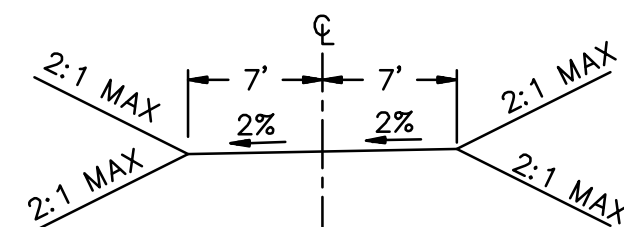
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	200.00	148.78	42°37'23"
C2	200.00	94.37	27°02'04"
L1		136.90	S85°36'33"E
L2		69.16	S42°59'10"E
L3		250.79	S70°01'14"E



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+65.09 TO 4+49.21



TYPICAL ACCESS ROAD CROSS SECTION
STA 4+49.21 TO 4+79.21



TYPICAL ACCESS ROAD CROSS SECTION
STA 4+79.21 TO 7+00.00

REVISIONS

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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
ACCESS ROAD TO SITE P-192-1

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

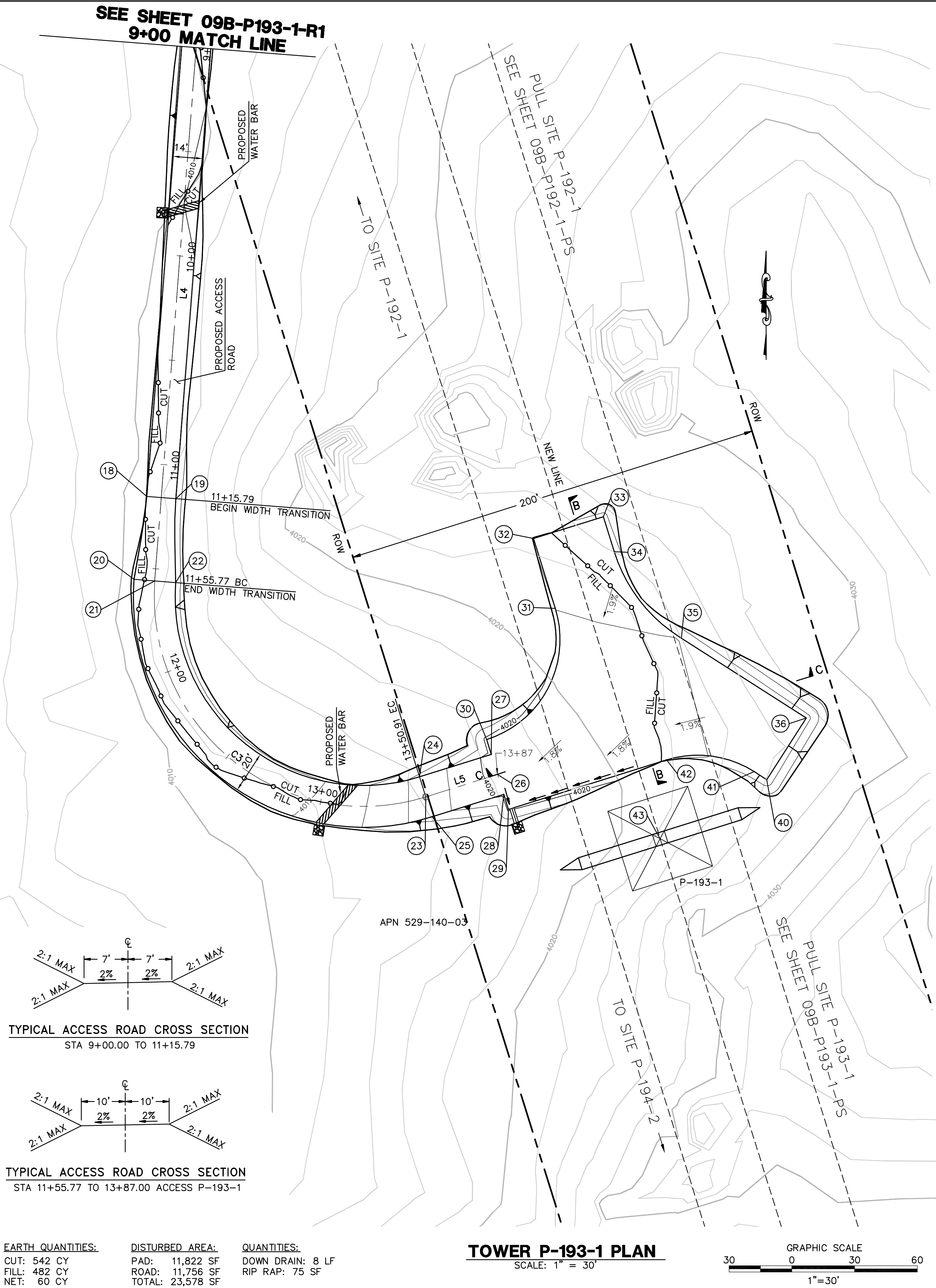
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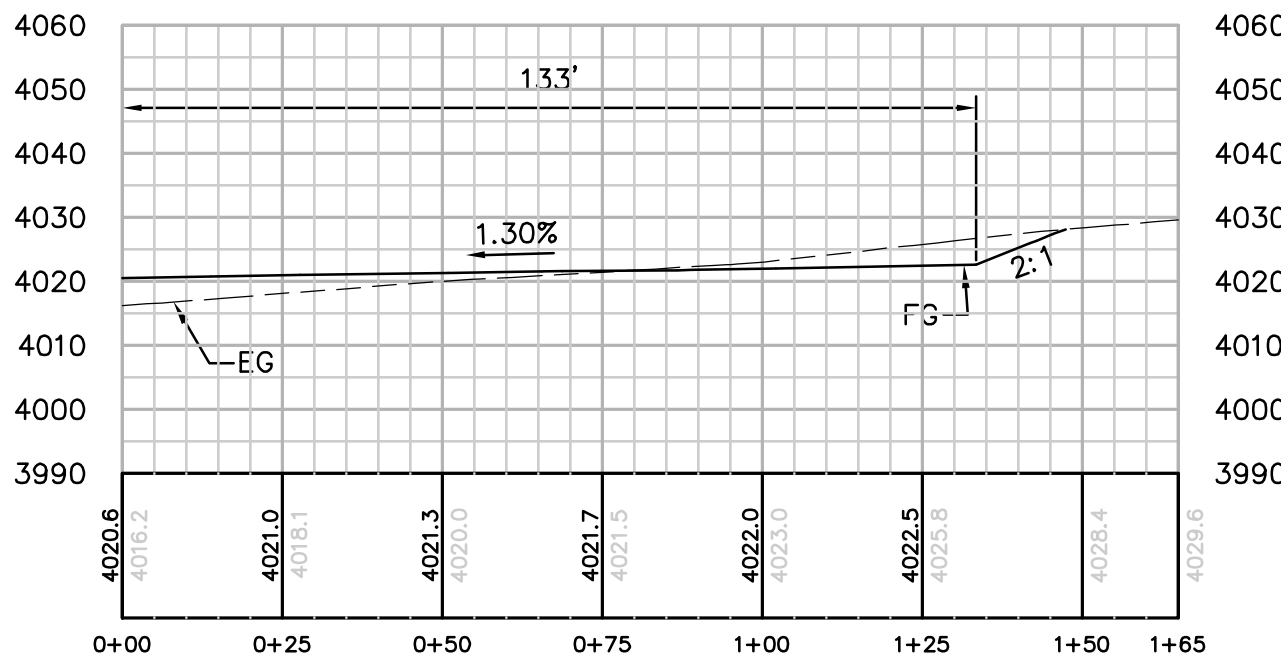
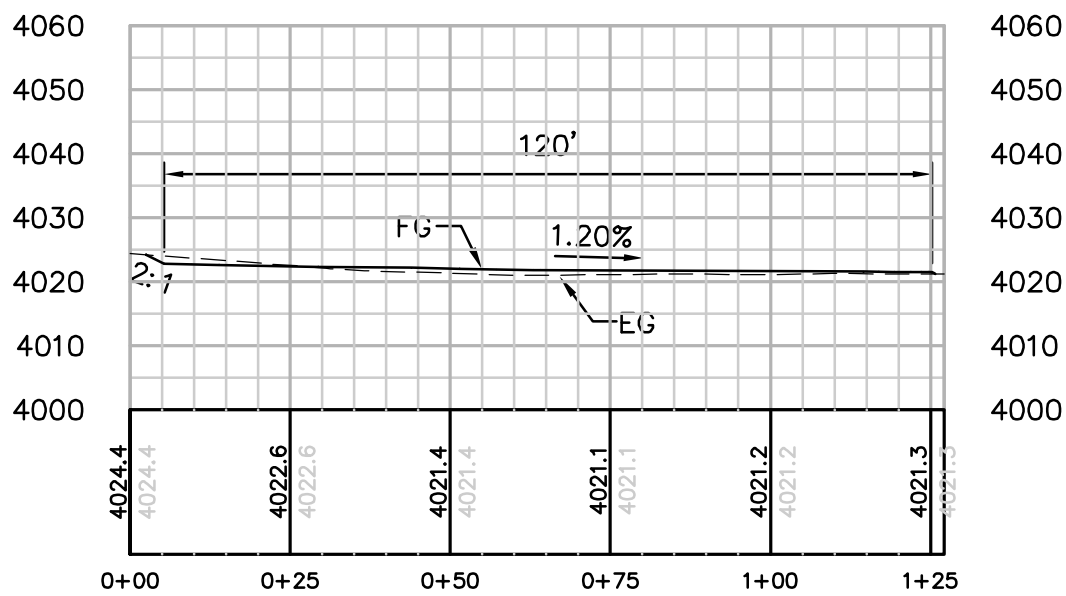
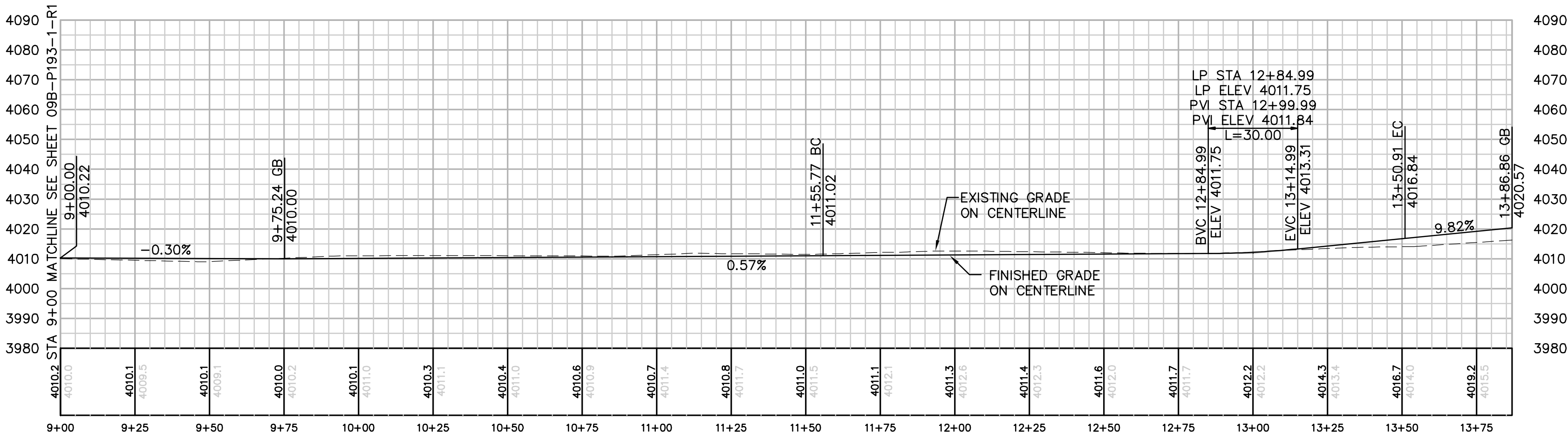
P:\161919 SD&E SPL\CADD\09B.dwg Plans\09B-P193-1-S1.dwg May-26-2010 10:47



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-193-1	500 KV EXTT Tangent Transposition Tower	0.00	169.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C3	100.00	195.14	111°48'32"
L4		255.77	S4°26'43"W
L5		35.95	N72°38'11"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
18	1847425.15	6555232.37	4010.93	FG
19	1847424.07	6555246.32	4010.65	FG
20	1847385.53	6555226.28	4011.22	BC
21	1847384.75	6555236.25	4011.02	BC/CL
22	1847383.98	6555246.22	4010.82	BC
23	1847281.56	6555365.79	4016.84	EC/CL
24	1847291.11	6555362.80	4016.64	EC
25	1847272.02	6555368.77	4017.04	EC
26	1847292.29	6555400.10	4020.57	CL
27	1847301.83	6555397.11	4020.72	FG
28	1847282.74	6555403.08	4020.42	FG
29	1847275.59	6555405.32	4020.31	FG
30	1847308.99	6555394.87	4020.64	FG
31	1847371.63	6555427.67	4022.01	FG
32	1847405.04	6555417.23	4022.54	FG
33	1847415.48	6555450.63	4023.06	FG
34	1847398.75	6555455.86	4022.60	FG
35	1847357.36	6555487.97	4022.03	FG
36	1847319.24	6555547.65	4023.02	FG
40	1847289.75	6555528.81	4022.53	FG
41	1847293.63	6555522.72	4022.42	FG
42	1847299.22	6555480.89	4021.64	FG
43	1847261.58	6555477.80	(4022.46)	P-193-1



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-9B (LINK 1)

SITE P-193-1

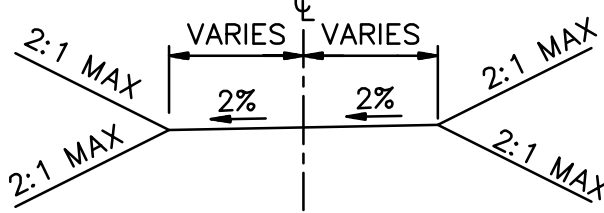
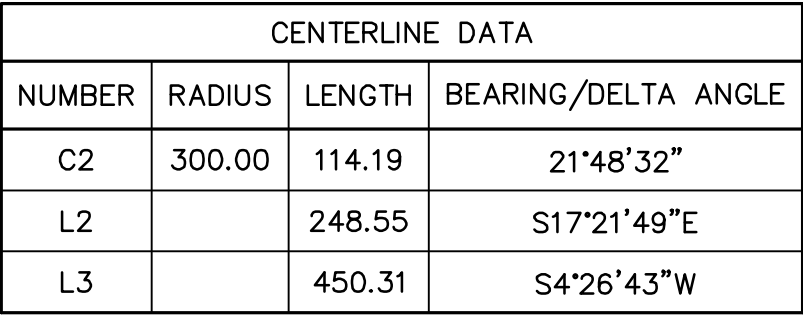
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APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P193-1-S1



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TYPICAL ACCESS ROAD CROSS SECTION
STA 0+86.95 TO 9+00.00

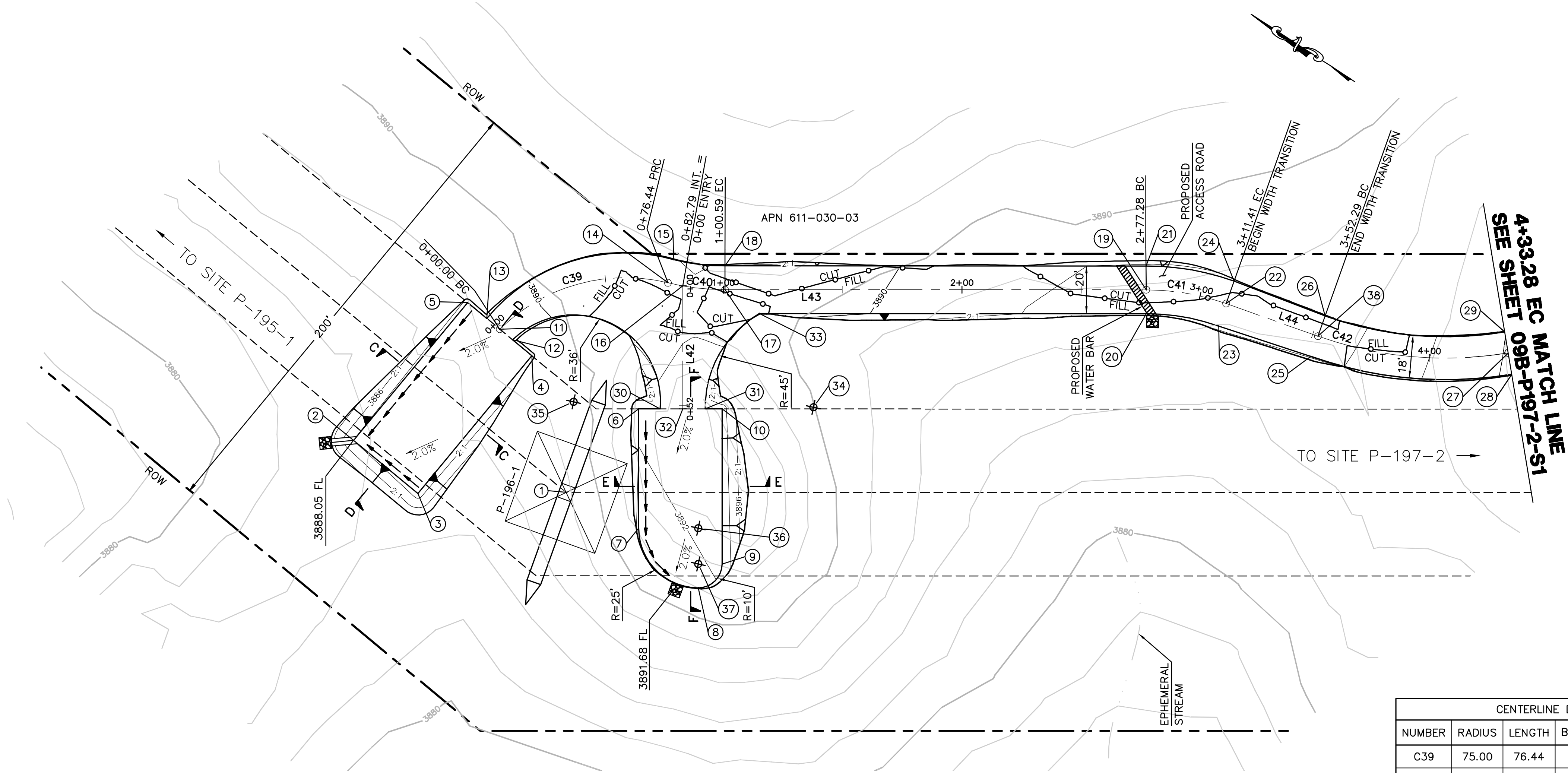
HORIZ. & VERT. SCALE: 1" = 30'

SAN DIEGO GAS & ELECTRIC COMPANY				
SAN DIEGO, CALIFORNIA				
SPL-9B (LINK 1)				
ACCESS ROAD TO SITE P-193-1				
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.D.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO.:		PLOT SCALE: 1 = 1	09B-P193-1-R1	

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-196-1	500 KV EXMD Lattice Dead-End Tower	-39.60	135.75

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1843843.99	6556546.43	(3888.14)	P-196-1
2	1843910.89	6556483.60	3888.05	FG
3	1843877.48	6556494.05	3888.98	FG
4	1843899.87	6556565.63	3889.69	FG
5	1843933.27	6556555.19	3888.76	FG
6	1843856.75	6556591.00	3892.22	FG
7	1843814.84	6556563.75	3891.51	FG
8	1843780.25	6556571.08	3891.77	FG
9	1843783.18	6556584.91	3892.15	FG
10	1843837.67	6556620.35	3893.08	FG
11	1843916.57	6556560.41	3889.22	CL/BC
12	1843909.89	6556562.50	3889.41	BC
13	1843923.25	6556558.32	3889.04	BC
14	1843894.41	6556630.15	3891.77	CL/PRC
15	1843901.25	6556637.44	3891.97	PRC
16	1843889.92	6556634.63	3891.84	INT.
17	1843878.93	6556648.61	3891.71	CL/EC
18	1843887.31	6556654.07	3891.91	EC
19	1843782.61	6556796.74	3887.46	CL/BC
20	1843774.23	6556791.29	3887.26	BC

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1843791.05	6556802.11	3887.66	BC
22	1843759.53	6556821.66	3887.00	CL/EC
23	1843753.26	6556813.87	3886.79	EC
24	1843765.60	6556829.60	3887.20	EC
25	1843721.59	6556839.34	3886.26	FG
26	1843732.53	6556853.64	3886.62	FG
27	1843677.63	6556909.55	3881.86	CL/EC
28	1843669.38	6556905.95	3881.68	EC
29	1843685.88	6556913.15	3882.04	EC
30	1843851.82	6556598.59	3892.44	EC
31	1843841.52	6556614.44	3892.91	BC
32	1843846.67	6556606.51	3892.68	CL
33	1843862.69	6556655.25	3891.32	EC
34	1843817.39	6556652.85		RP
35	1843874.16	6556569.76		RP
36	1843801.21	6556584.71		RP
37	1843788.63	6556576.53		RP
38	1843727.06	6556846.49	3886.44	CL/BC



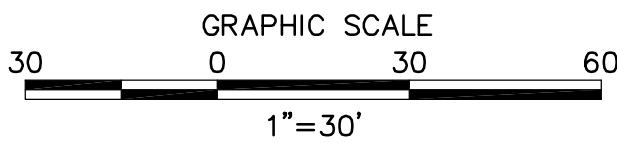
EARTH QUANTITIES:
CUT: 483 CY
FILL: 429 CY
NET: 54 CY

DISTURBED AREA:
PAD: 7,227 SF
ROAD: 10,901 SF
TOTAL: 18,128 SF

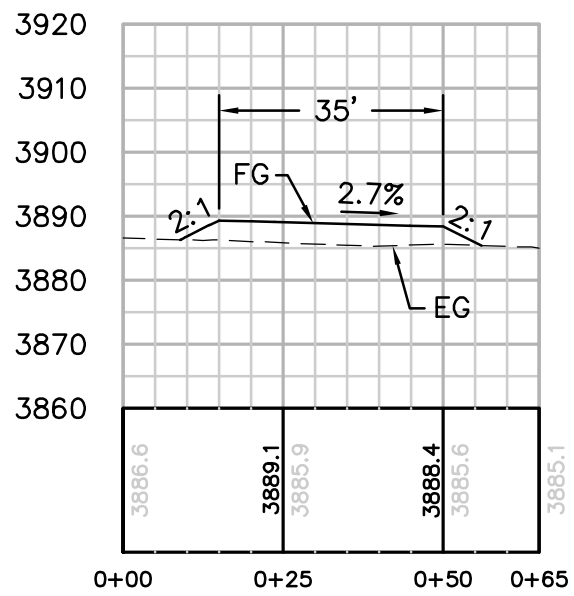
QUANTITIES:
DOWN DRAIN: 10 LF
RIP RAP: 75 SF

LENGTH OF ACCESS ROAD: 485 LF

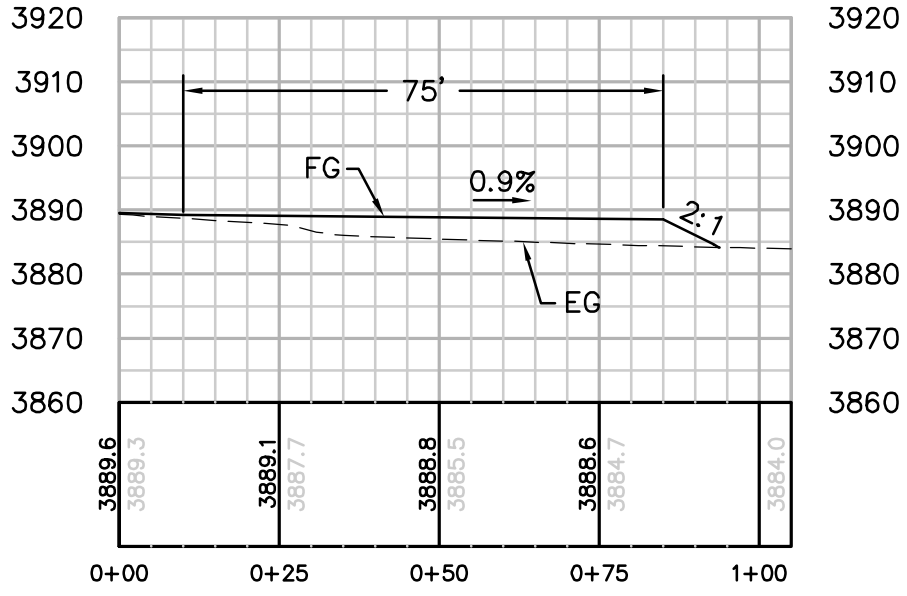
TOWER P-196-1 PLAN
SCALE: 1" = 30'



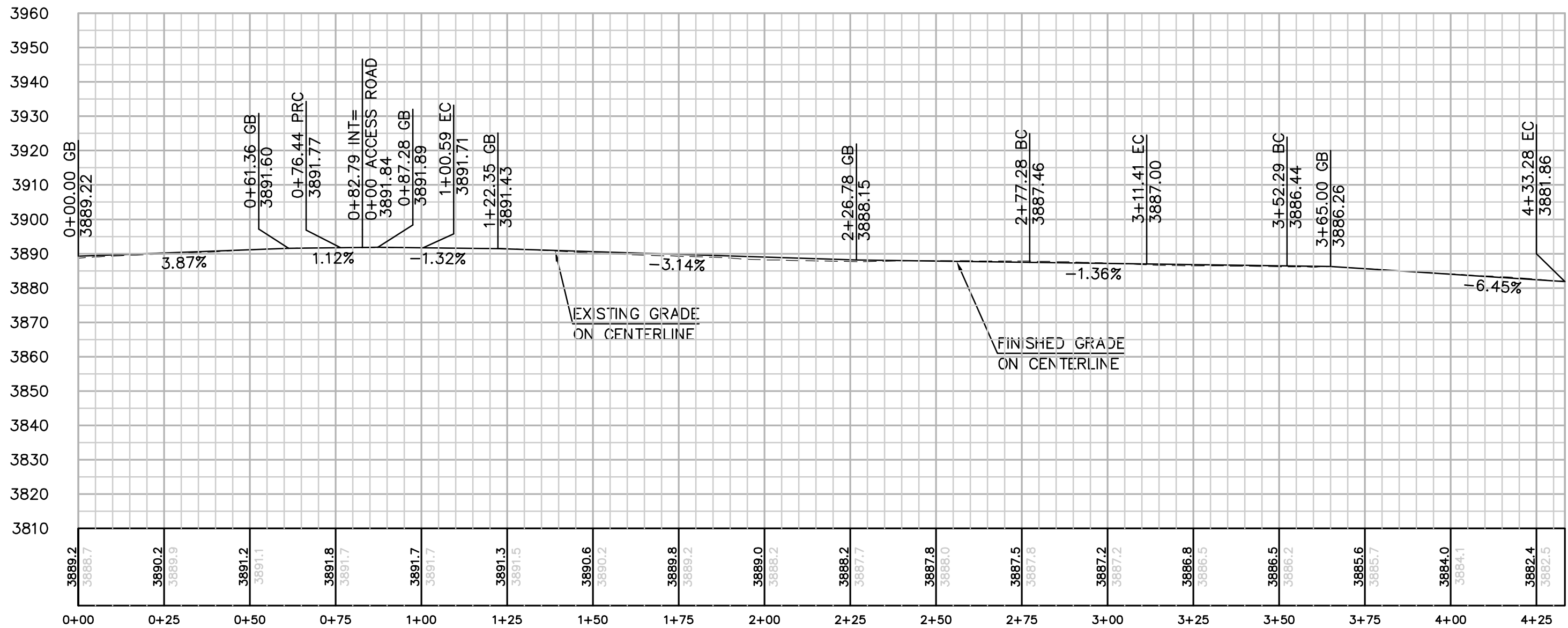
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C39	75.00	76.44	58°23'51"
C40	100.87	24.15	13°43'04"
C41	100.00	34.13	19°33'25"
C42	160.00	80.99	29°00'03"
L42		51.59	S33°02'04"W
L43		176.69	S56°57'56"E
L44		40.88	S37°24'32"E



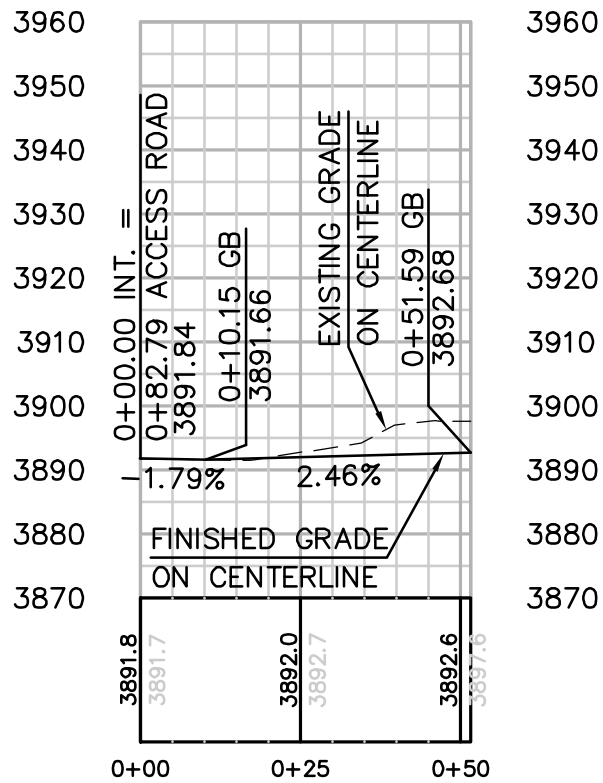
SECTION C-C
HORIZ. & VERT. SCALE: 1" = 30'



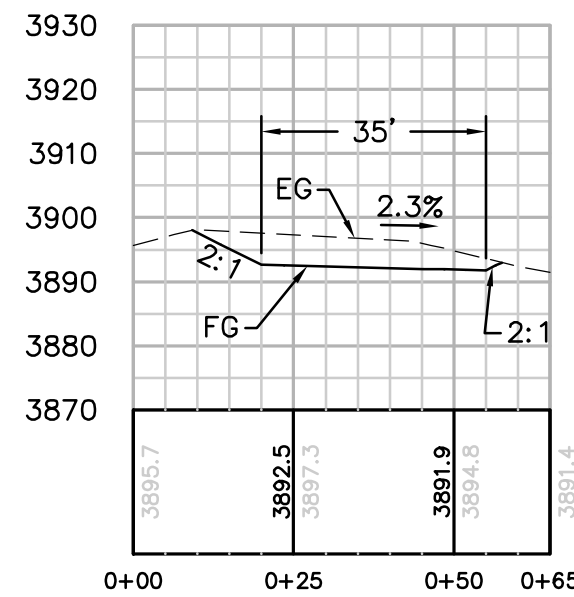
SECTION D-D
HORIZ. & VERT. SCALE: 1" = 30'



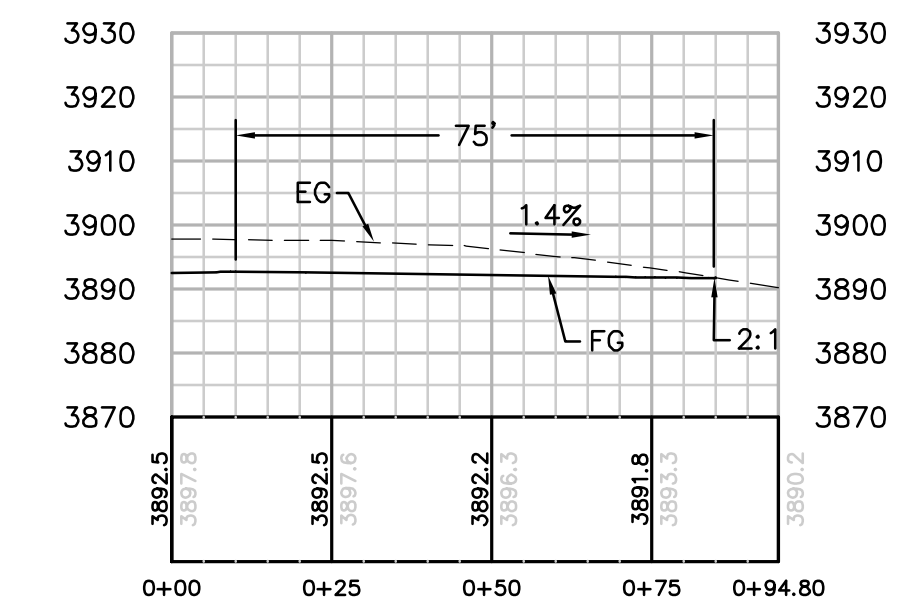
PROFILE: ACCESS ROAD TO TOWER P-196-1
HORIZ. & VERT. SCALE: 1" = 30'



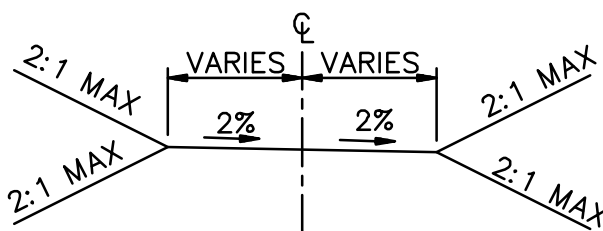
PROFILE: ACCESS ROAD TO TOWER P-196-1
HORIZ. & VERT. SCALE: 1" = 30'



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



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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 4+33.28
STA 0+00 TO 0+51.59

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-9B (LINK 1)
SITE P-196-1

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

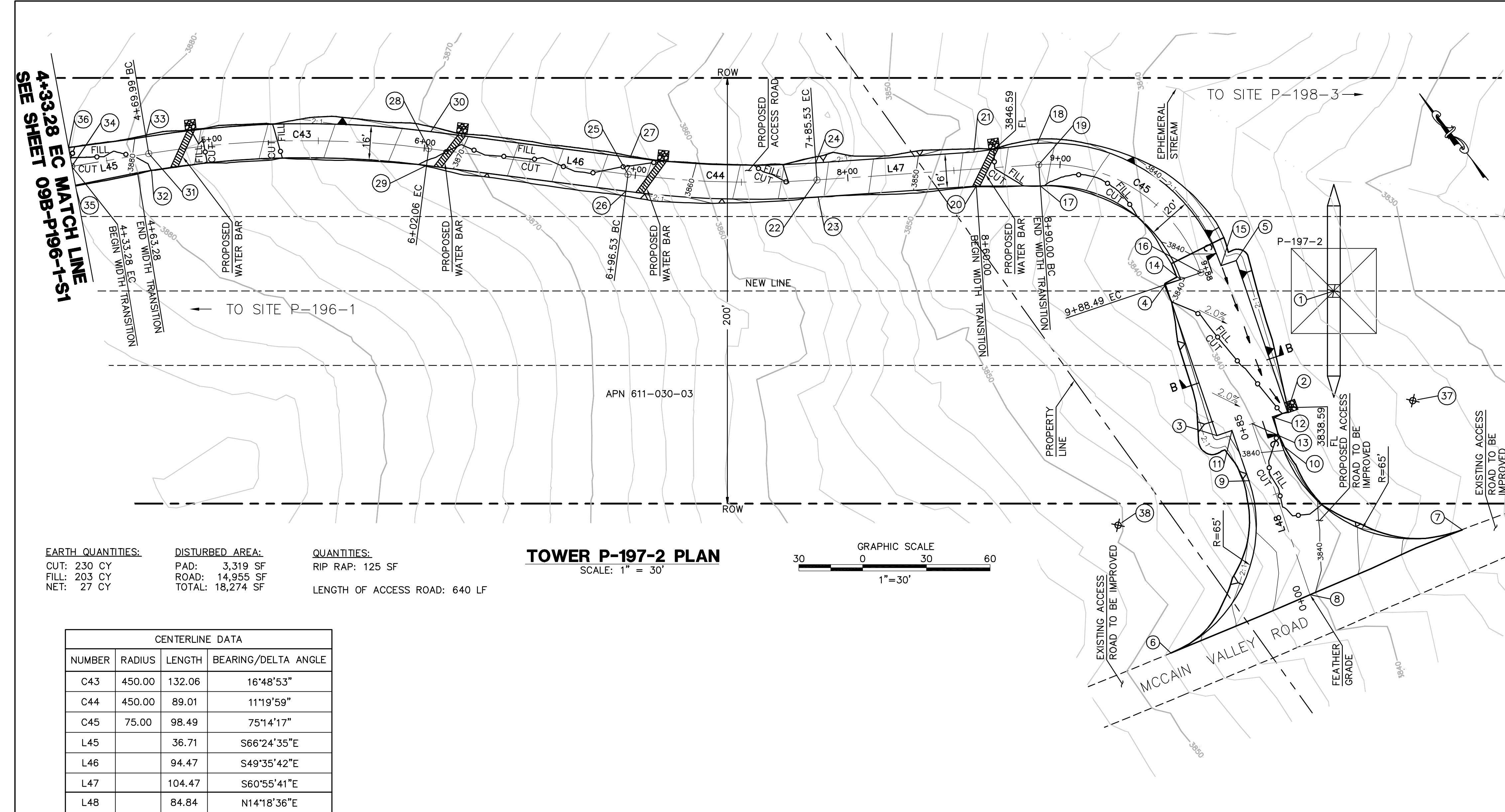
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PI161919 SDG&E SPL\CADD\09B.dwg\Plans\09B-P197-2-S1.dwg May-26-2010 10:44

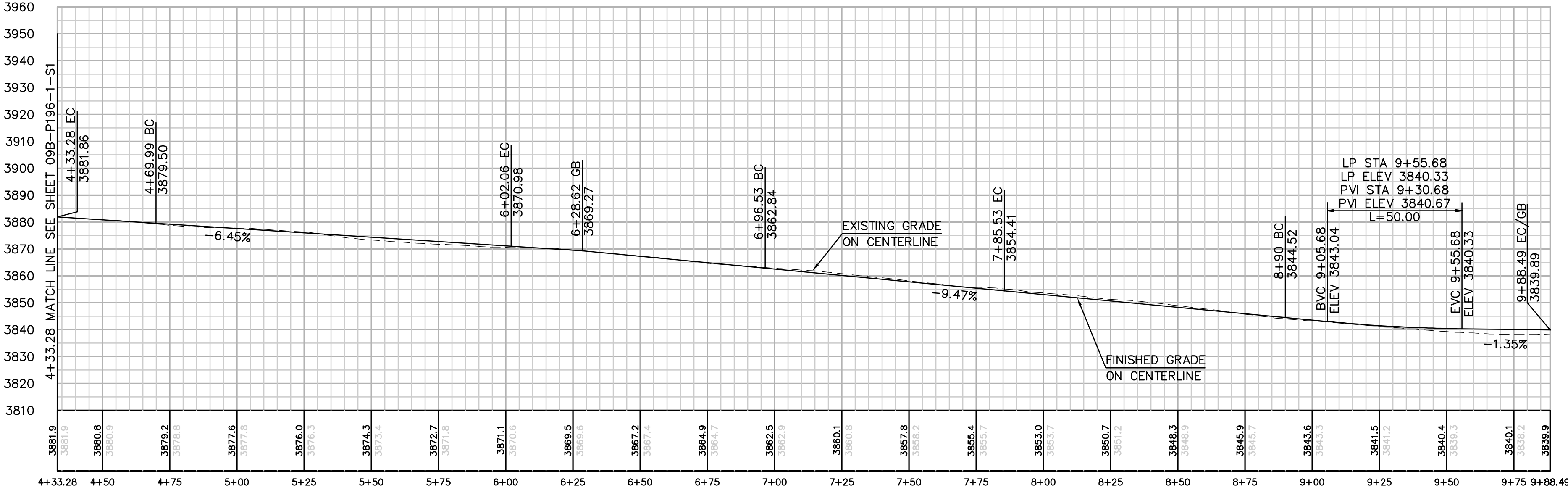


EARTH QUANTITIES:
CUT: 230 CY
FILL: 203 CY
NET: 27 CY

DISTURBED AREA:
PAD: 3,319 SF
ROAD: 14,955 SF
TOTAL: 18,274 SF

QUANTITIES:
RIP RAP: 125 SF
LENGTH OF ACCESS ROAD: 640 LF

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C43	450.00	132.06	16°48'53"
C44	450.00	89.01	11°19'59"
C45	75.00	98.49	75°14'17"
L45		36.71	S66°24'35"E
L46		94.47	S49°35'42"E
L47		104.47	S60°55'41"E
L48		84.84	N14°18'36"E

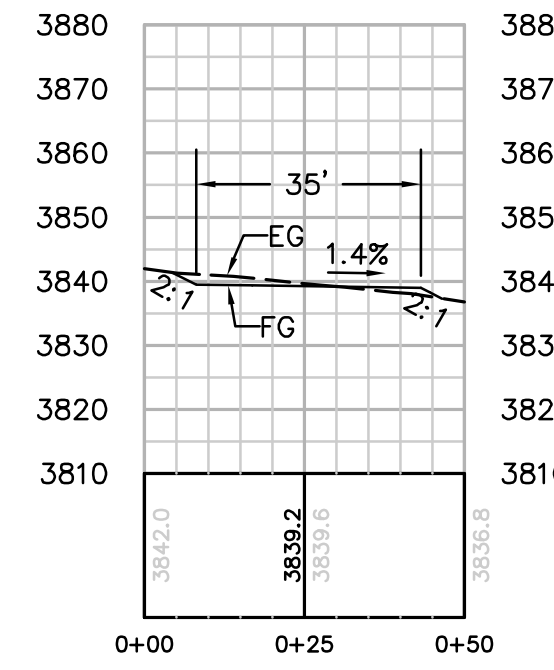


PROFILE: ACCESS ROAD TO TOWER P-196-1
HORIZ. & VERT. SCALE: 1" = 30'

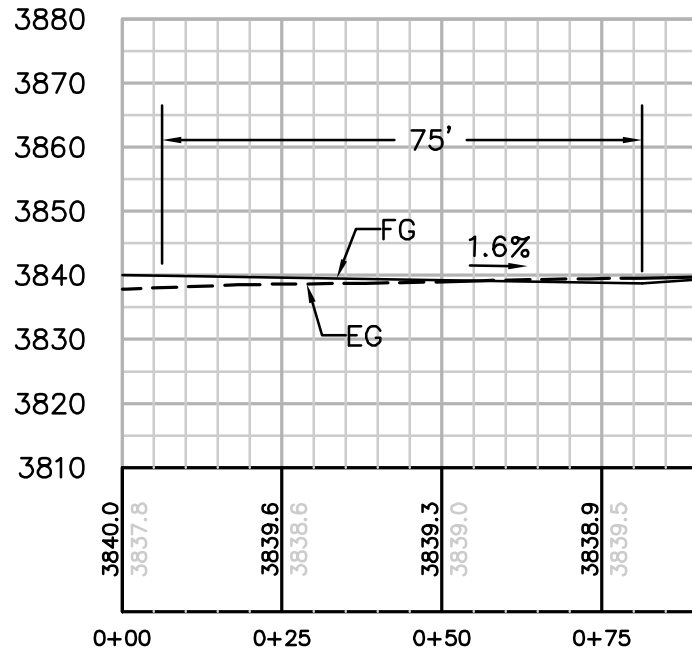
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-197-2	500 KV EXMT Lattice Tangent Tower	0.00	145.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1843305.23	6557374.97	(3833.04)	P-197-2
2	1843269.49	6557325.71	3838.59	FG
3	1843278.14	6557291.80	3839.08	FG
4	1843350.81	6557310.34	3840.13	FG
5	1843342.16	6557344.25	3839.64	FG
6	1843204.30	6557218.00	(3847.67)	EG
7	1843178.17	6557364.39	(3833.52)	EG
8	1843191.60	6557287.79	(3840.24)	CL/EG
9	1843252.13	6557292.91	3841.07	FG
10	1843257.80	6557314.99	3839.78	FG
11	1843276.29	6557299.07	3838.98	FG
12	1843271.34	6557318.45	3838.70	FG
13	1843273.81	6557308.76	3838.84	CL/FG
14	1843348.96	6557317.60	3840.03	FG
15	1843344.02	6557336.98	3839.75	FG
16	1843346.49	6557327.29	3839.89	CL/EC
17	1843421.83	6557286.21	3844.32	BC
18	1843439.31	6557295.92	3844.72	BC
19	1843430.57	6557291.06	3844.52	CL/BC
20	1843438.16	6557260.96	3847.20	FG

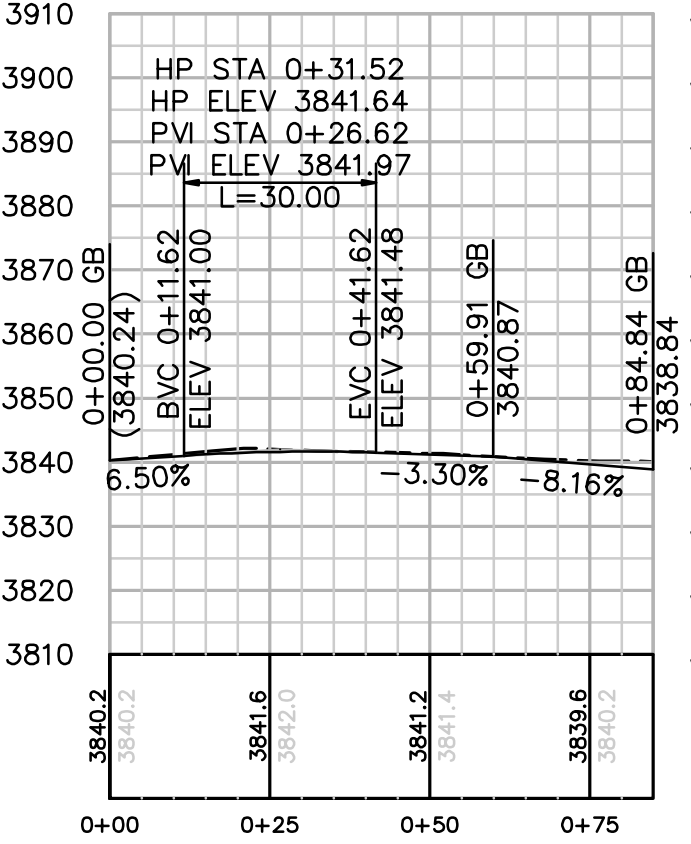
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1843452.14	6557268.73	3847.52	FG
22	1843481.34	6557199.76	3854.41	CL/EC
23	1843474.35	6557195.87	3854.25	EC
24	1843488.33	6557203.64	3854.57	EC
25	1843531.97	6557126.73	3862.84	CL/BC
26	1843525.88	6557121.55	3862.68	BC
27	1843538.07	6557131.92	3863.00	BC
28	1843593.21	6557054.80	3870.98	CL/EC
29	1843587.12	6557049.61	3870.82	EC
30	1843599.30	6557059.98	3871.14	EC
31	1843662.94	6556943.20	3879.50	CL/BC
32	1843655.60	6556940.00	3879.34	BC
33	1843670.27	6556946.40	3879.66	BC
34	1843677.63	6556909.55	3881.86	CL/EC
35	1843669.38	6556905.95	3881.68	EC
36	1843685.88	6556913.15	3882.04	EC
37	1843241.74	6557377.98		RP
38	1843268.19	6557229.92		RP



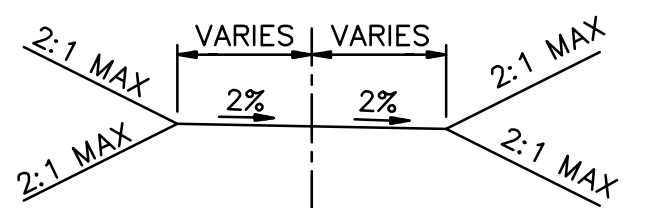
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD TO TOWER P-197-2
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 4+33.28 TO 9+88.49
STA 0+00.00 TO 0+84.84

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-9B (LINK 1)
SITE P-197-2

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

CHECKED BY: DATE: APPROVED BY: DATE: PLOT SCALE: 1 = 1

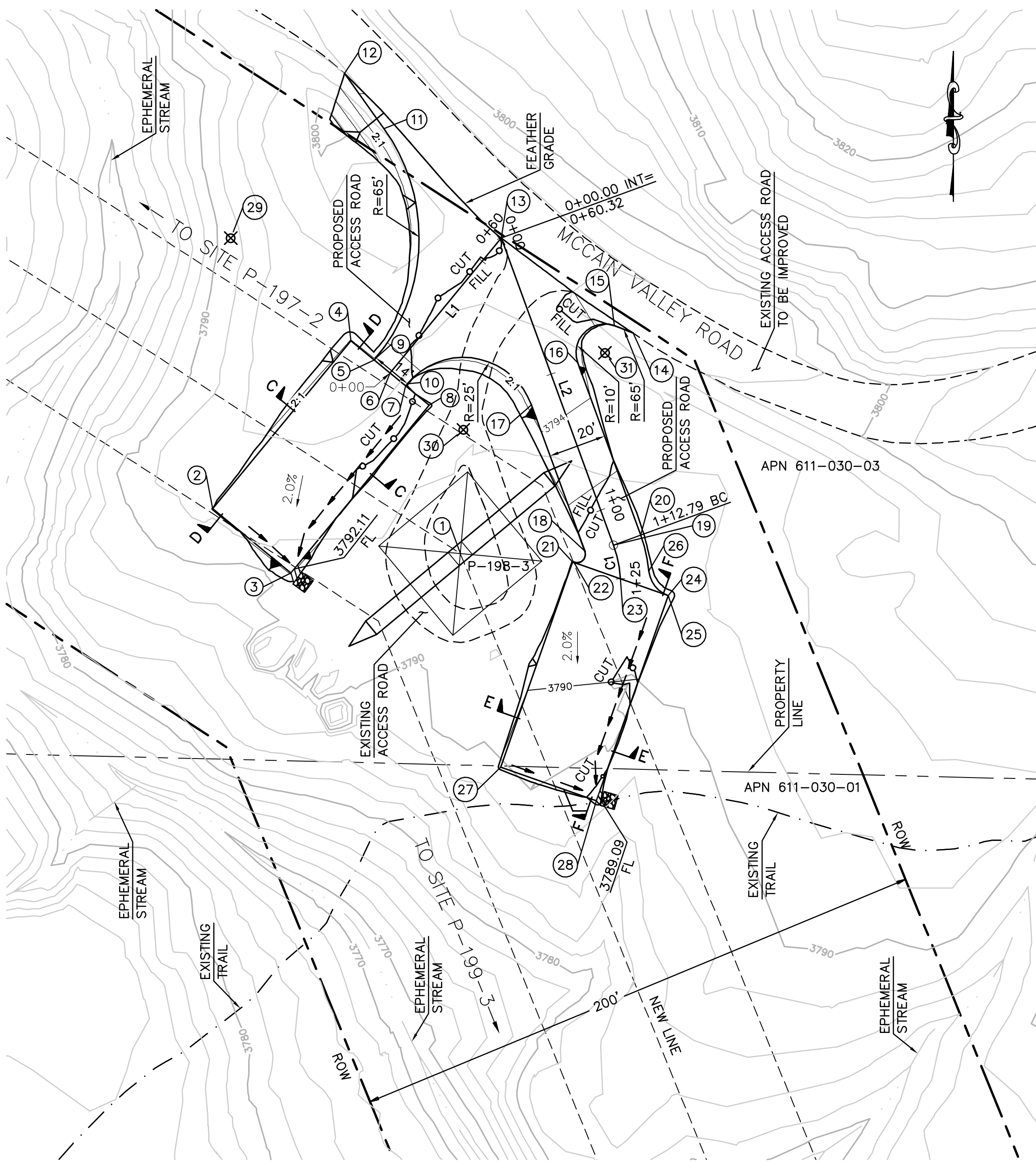
CAD NO.: 09B-P197-2-S1



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P:\16919 SD&E SPL\CADD\09B.dwg\Plans\09B-P198-3-S1.dwg May-26-2010 10:57

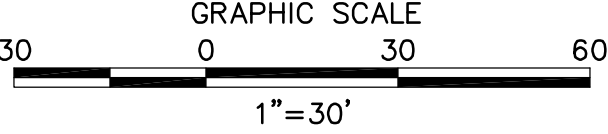


EARTH QUANTITIES:
CUT: 147 CY
FILL: 129 CY
NET: 18 CY

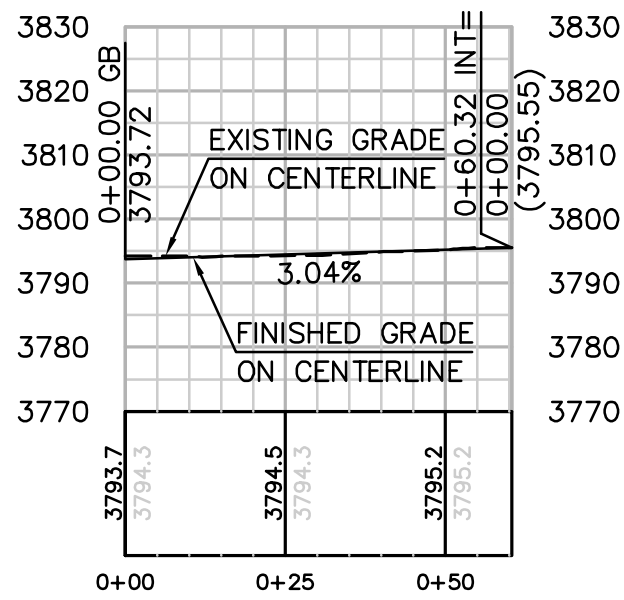
DISTURBED AREA:
PAD: 5,723 SF
ROAD: 5,585 SF
TOTAL: 11,308 SF

QUANTITIES:
DOWN DRAIN: 5 LF
RIP RAP: 50 SF

TOWER P-198-3 PLAN
SCALE: 1" = 30'

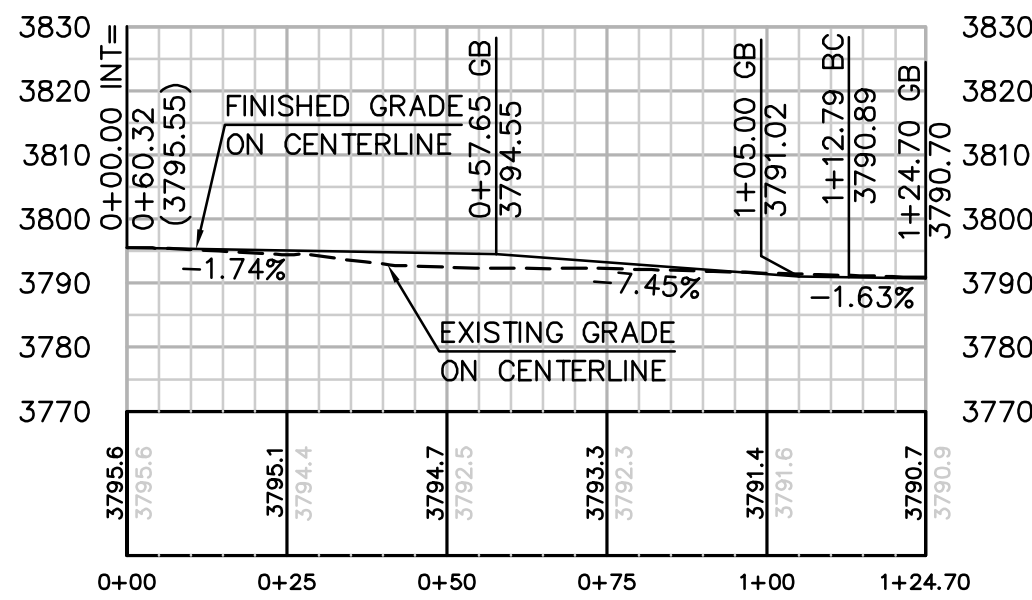


LENGTH OF ACCESS ROAD: 185 LF



PROFILE: ACCESS ROAD TO PAD NORTHWEST OF TOWER P-198-3

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



PROFILE: ACCESS ROAD TO PAD SOUTHEAST OF TOWER P-198-3

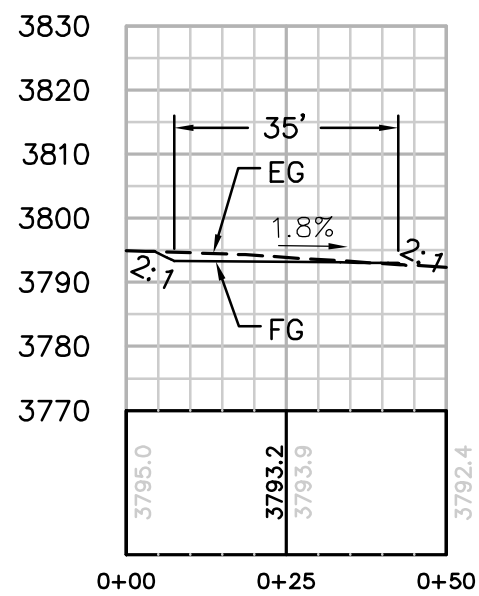
HORIZ. & VERT. SCALE: 1" = 30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-198-3	500 KV EXMD Lattice Dead-end Tower	34.86	111.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	40.00	11.91	17°03'50"
L1		60.32	N39°29'17"E
L2		112.79	S2°06'04"E

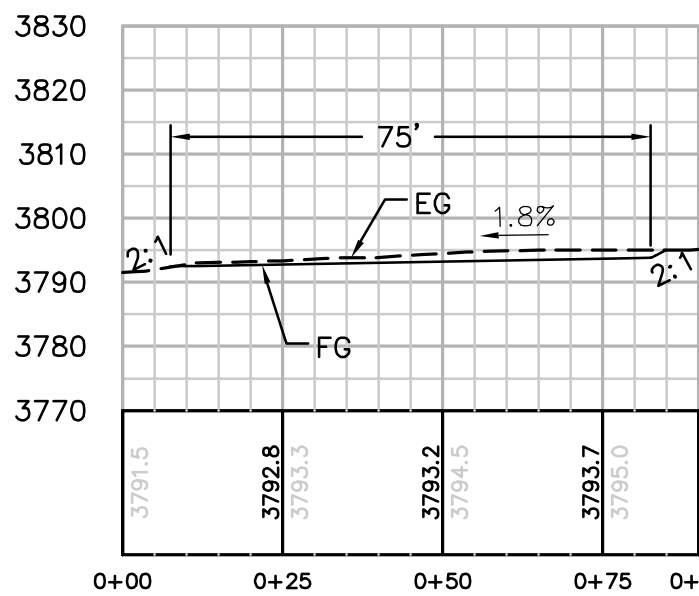
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1842766.48	6558203.49	(3791.99)	P-198-3
2	1842782.01	6558118.03	3792.51	FG
3	1842759.75	6558145.04	3792.21	FG
4	1842839.89	6558165.73	3793.87	FG
5	1842833.21	6558173.83	3793.78	FG
6	1842828.76	6558179.23	3793.72	CL
7	1842824.31	6558184.63	3793.66	FG
8	1842817.63	6558192.74	3793.57	FG
9	1842833.95	6558174.44	3793.81	BC
10	1842825.05	6558185.24	3793.72	BC
11	1842913.07	6558177.16	(3794.09)	EC
12	1842932.09	6558163.57	(3793.95)	EG
13	1842875.31	6558217.59	(3795.57)	CL/INT
14	1842842.53	6558263.08	(3797.22)	EG
15	1842845.14	6558256.66	3796.72	PCC
16	1842832.25	6558244.00	3794.80	EC
17	1842817.74	6558228.01	3794.75	EC
18	1842767.26	6558246.49	3791.12	BC
19	1842769.40	6558256.35	3790.89	CL/BC
20	1842772.84	6558265.74	3790.68	BC

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	1842763.55	6558242.22	3790.85	FG
22	1842763.39	6558242.68	3790.85	EC
23	1842757.77	6558258.73	3790.70	CL
24	1842752.00	6558275.21	3790.55	EC
25	1842751.99	6558275.25	3790.55	FG
26	1842760.48	6558268.56	3790.60	PRC
27	1842692.77	6558217.43	3789.49	FG
28	1842681.20	6558250.47	3789.19	FG
29	1842875.28	6558124.27		RP
30	1842809.15	6558204.54		RP
31	1842835.69	6558253.39		RP



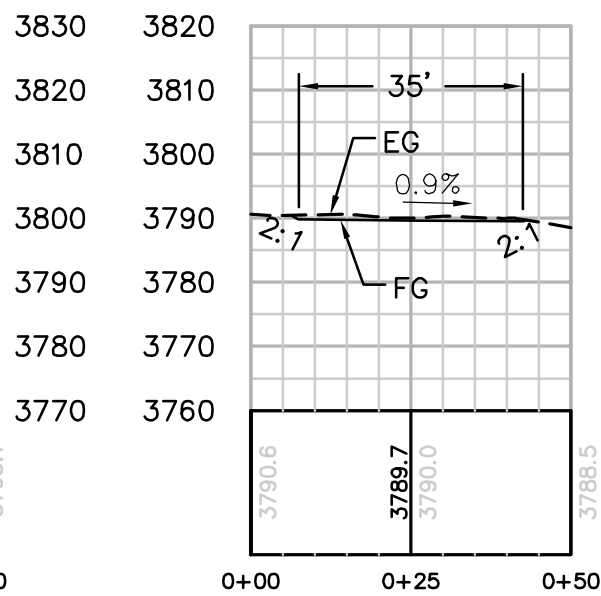
SECTION C-C

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



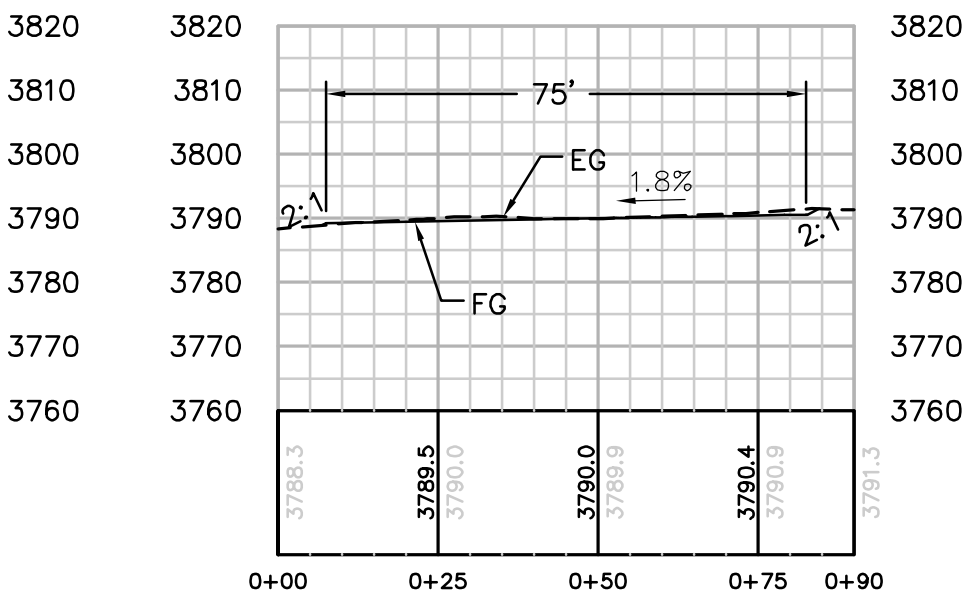
SECTION D-D

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



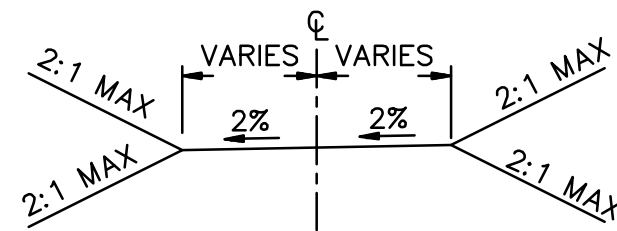
SECTION E-E

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



SECTION F-F

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 0+60.32
STA 0+00.00 TO 1+24.70

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-9B (LINK 1)

SITE P-198-3

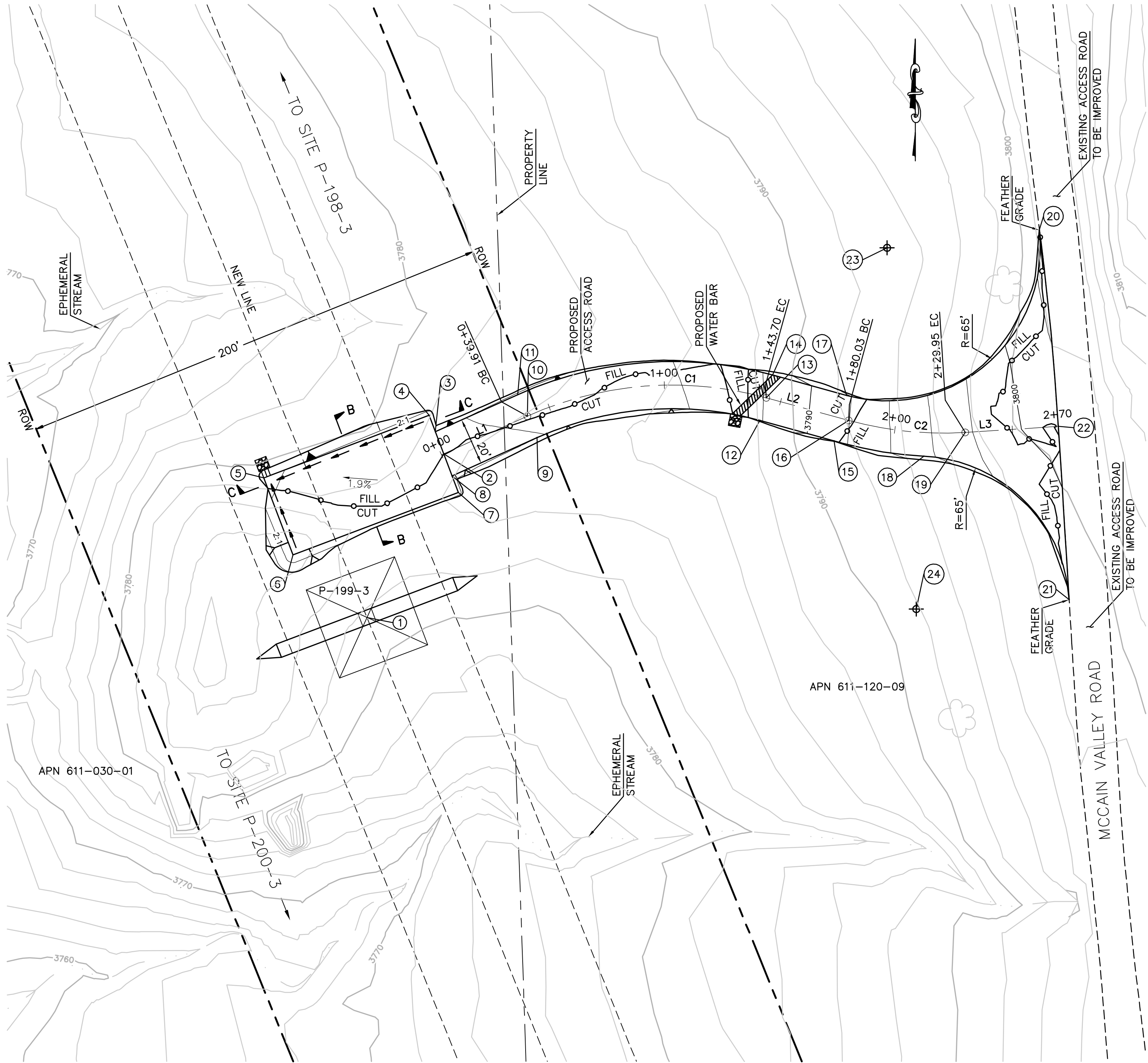
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		

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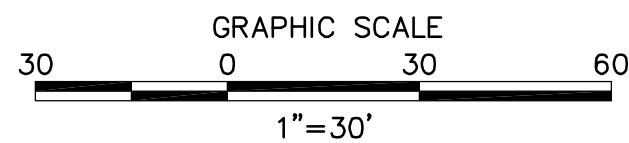


EARTH QUANTITIES:
CUT: 123 CY
FILL: 114 CY
NET: 9 CY

DISTURBED AREA:
PAD: 3,397 SF
ROAD: 8,343 SF
TOTAL: 11,740 SF

QUANTITIES:
RIP RAP: 50 SF
DOWN DRAIN: 3 LF
LENGTH OF ACCESS ROAD: 270 LF

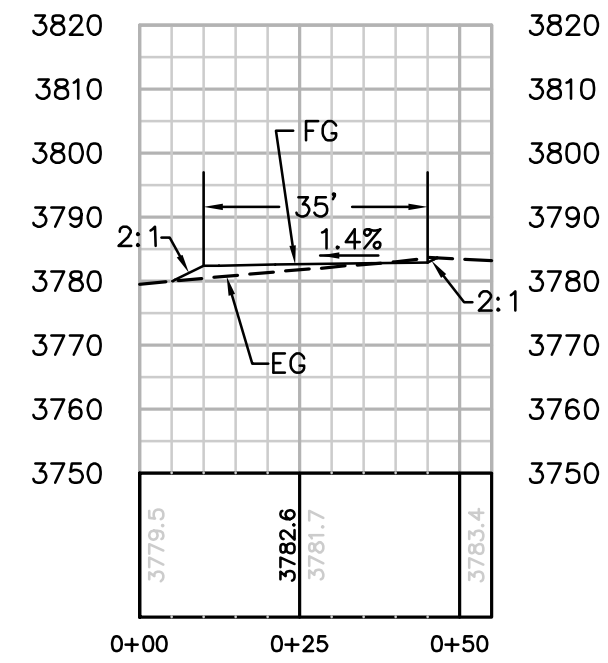
TOWER P-199-3 PLAN
SCALE: 1" = 30'



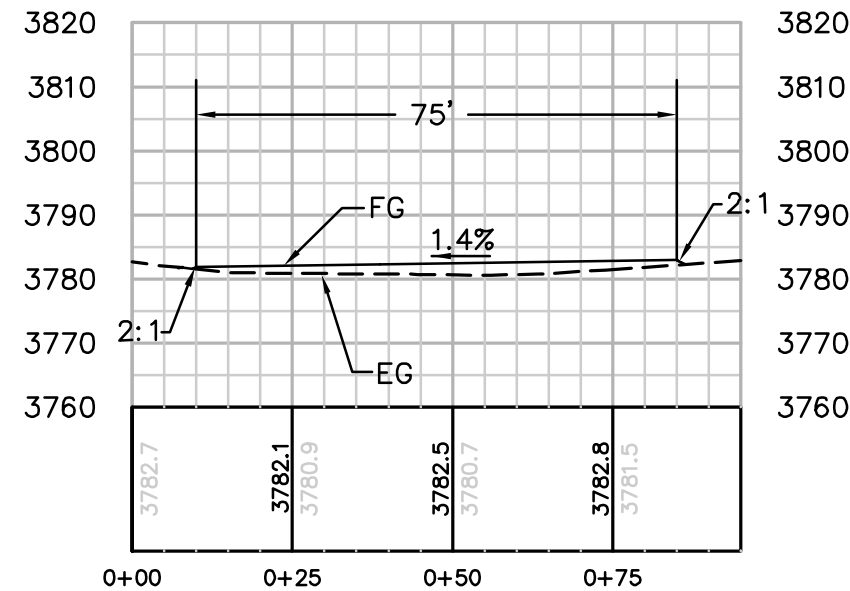
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-199-3	500 KV EXMT Lattice Tangent Tower	0.00	121.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1841927.96	6558544.08	(3781.56)	P-199-3
2	1841997.43	6558576.64	3783.15	CL
3	1842006.80	6558573.09	3783.02	FG
4	1842013.79	6558570.44	3782.92	FG
5	1841987.24	6558500.30	3781.87	FG
6	1841954.50	6558512.70	3782.36	FG
7	1841981.06	6558582.84	3783.41	FG
8	1841988.06	6558580.19	3783.30	FG
9	1842004.29	6558616.23	3783.95	BC
10	1842013.41	6558612.12	3784.15	CL/BC
11	1842022.53	6558608.01	3784.35	BC
12	1842011.62	6558710.89	3787.90	EC
13	1842021.26	6558713.55	3788.10	CL/EC
14	1842030.90	6558716.20	3788.30	EC
15	1842002.97	6558742.30	3791.34	BC
16	1842011.62	6558748.57	3791.97	CL/BC
17	1842022.26	6558747.61	3791.74	BC
18	1841996.43	6558780.46	3795.50	PRC
19	1842006.55	6558798.00	3797.64	CL/EC
20	1842092.41	6558829.43	(3802.45)	EC
21	1841935.48	6558842.12	(3799.14)	EC
22	1842009.08	6558837.52	(3800.82)	CL
23	1842084.92	6558764.86		RP
24	1841931.51	6558777.24		RP

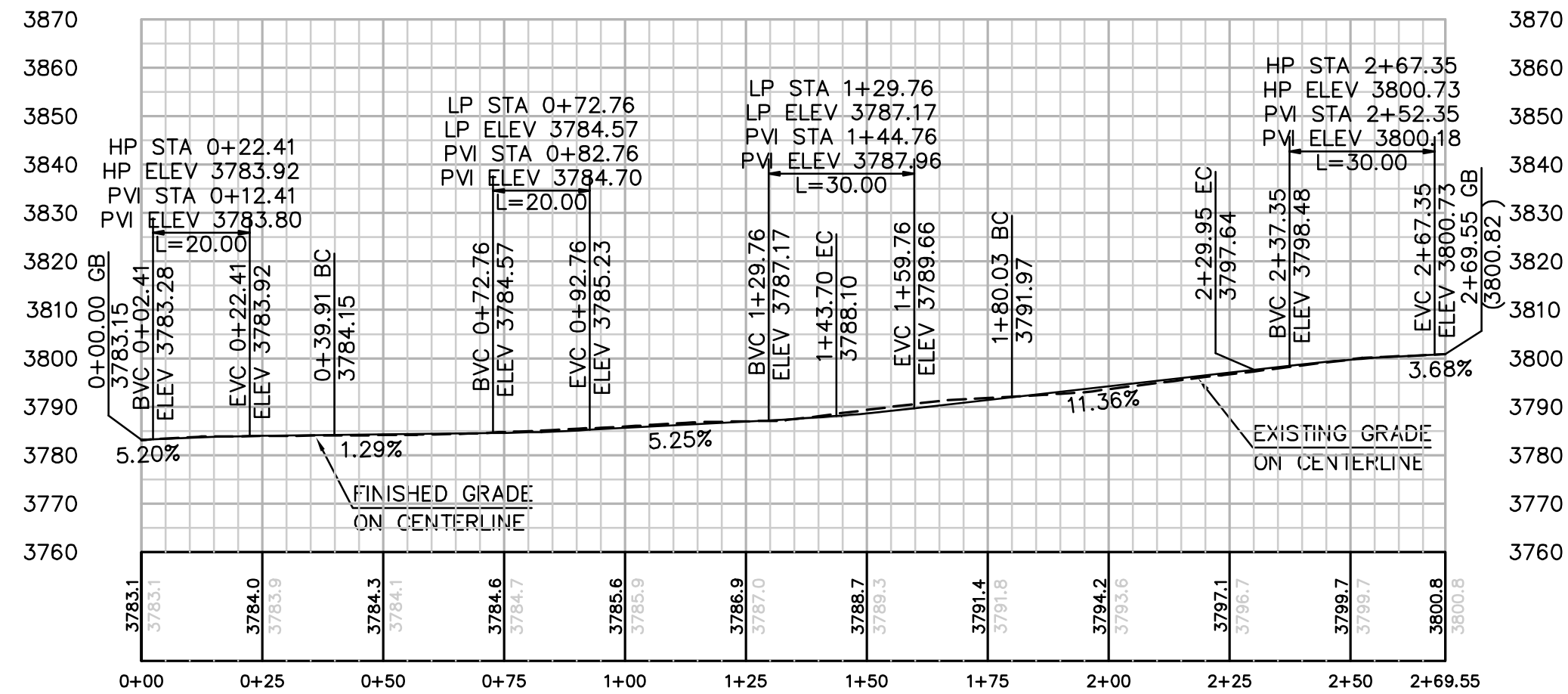
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		39.91	N65°45'00"E
C1	150.00	103.79	39°38'40"
L2		36.33	S74°36'20"E
C2	150.00	49.92	19°04'00"
L3		39.60	N86°19'40"E



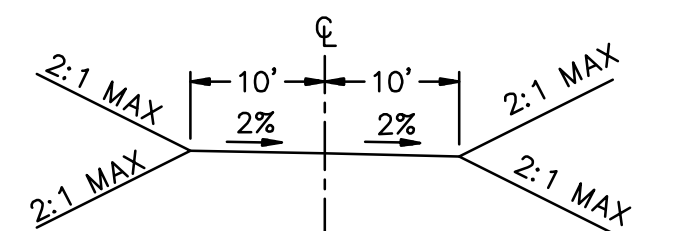
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



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



PROFILE: ACCESS ROAD TO TOWER P-199-3
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 2+69.55

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-9B (LINK 1)
SITE P-199-3

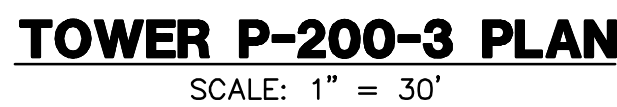
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P199-3-S1

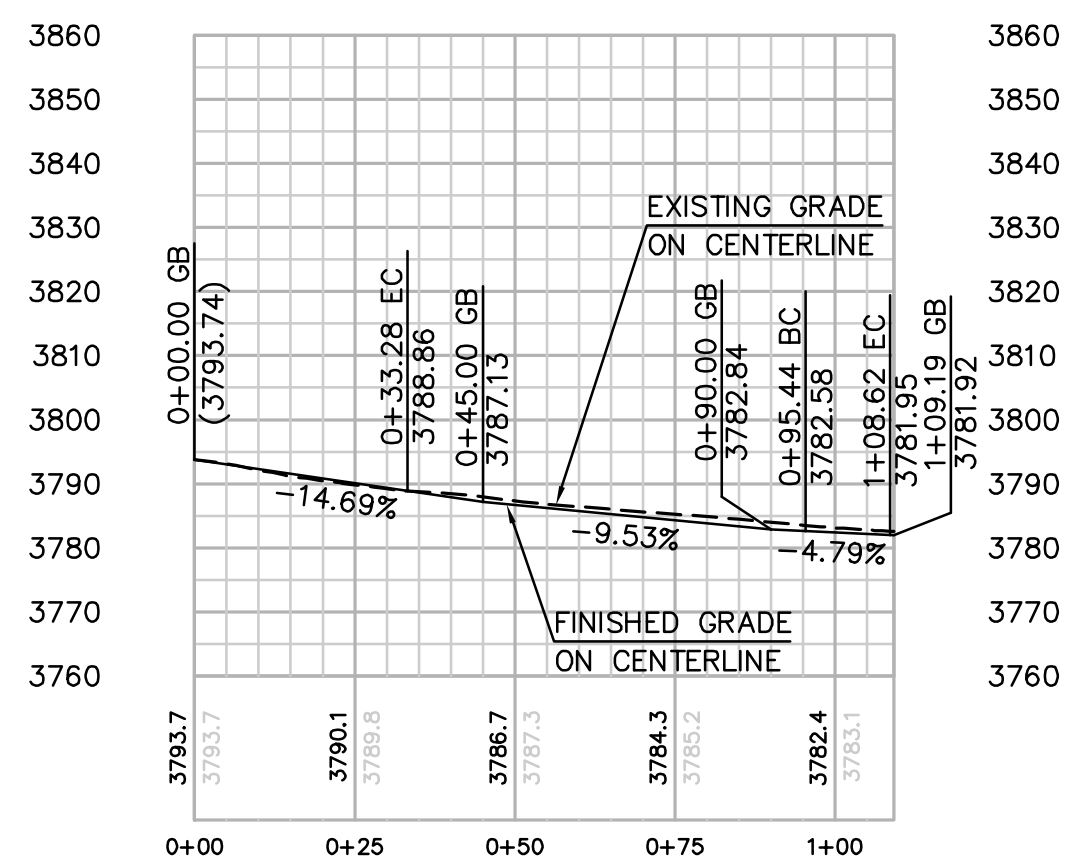
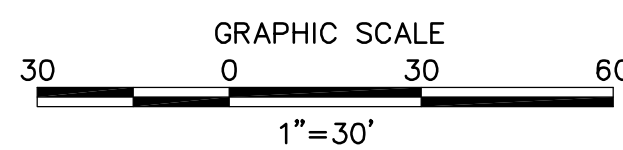


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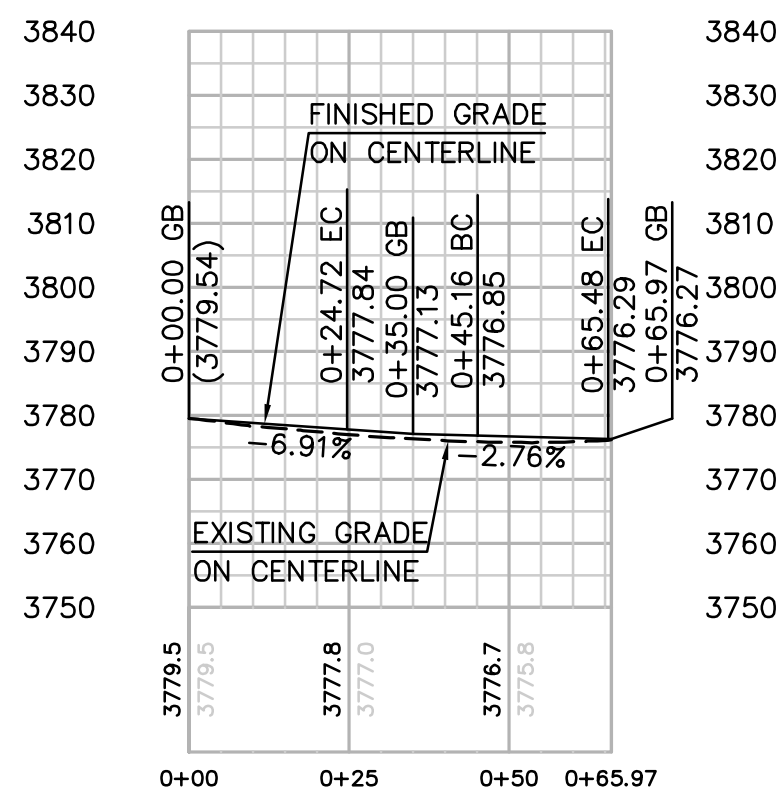




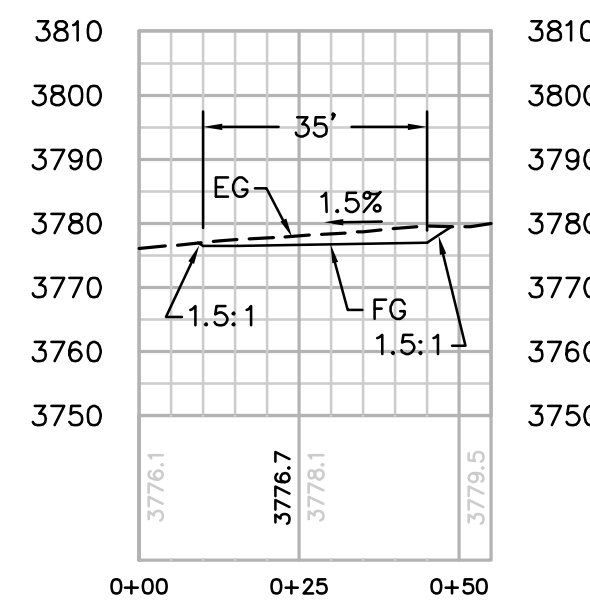
<u>EARTH QUANTITIES:</u>	<u>DISTURBED AREA:</u>	<u>QUANTITIES:</u>
CUT: 190 CY	PAD: 5,862 SF	RIP RAP: 50 SF
FILL: 165 CY	ROAD: 5,653 SF	DOWNDRAIN: 7 LF
NET: 25 CY	TOTAL: 11,515 SF	
		LENGTH OF ACCESS ROAD: 175 LF



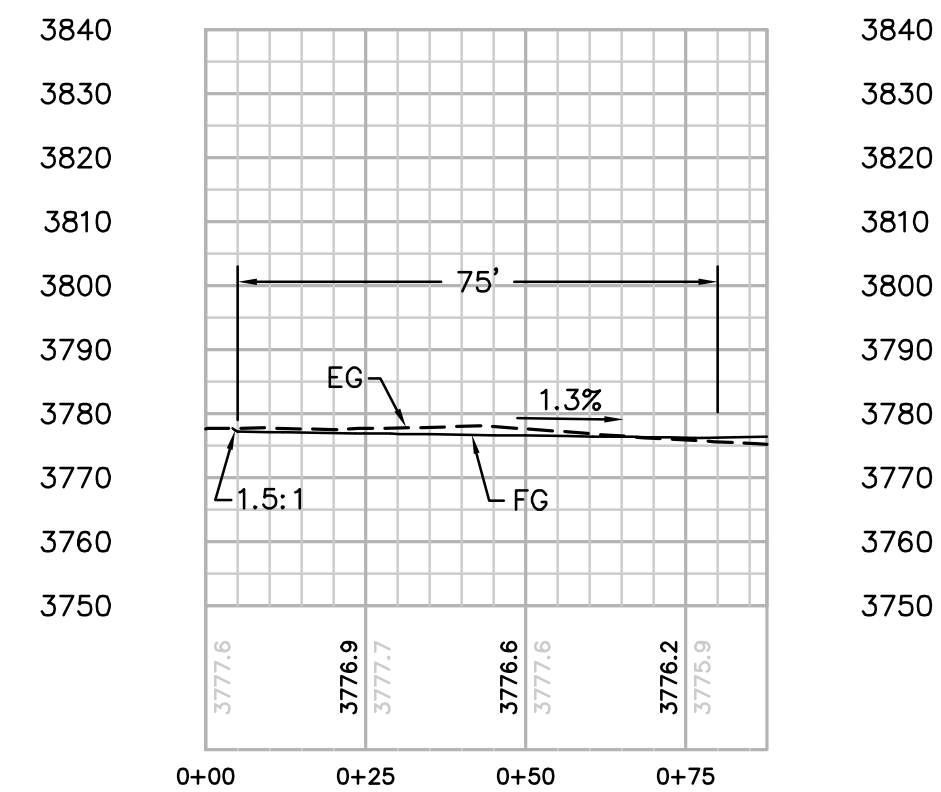
PROFILE: ACCESS ROAD TO TOWER P-200-3 (NORTH)
HORIZ. & VERT. SCALE: 1" = 30'



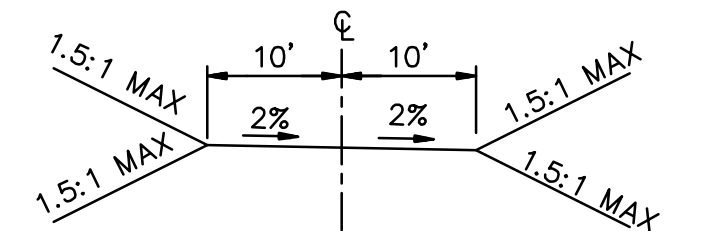
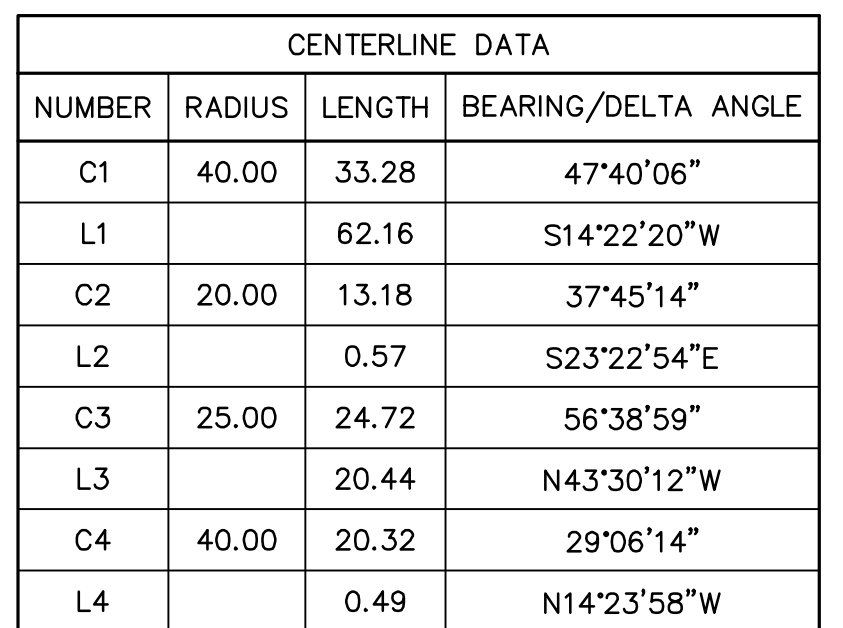
PROFILE: ACCESS ROAD TO TOWER P-200-3 (SOUTH)
HORIZ. & VERT. SCALE: 1" = 30'



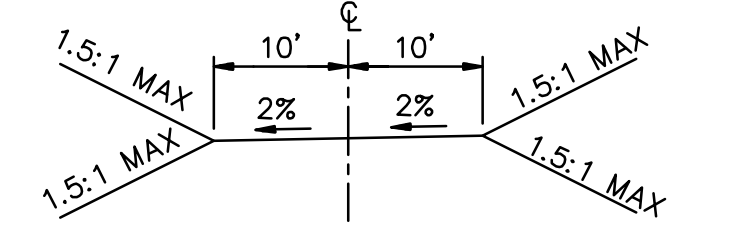
SECTION E-E
HORIZ. & VERT. SCALE: 1" = 30'



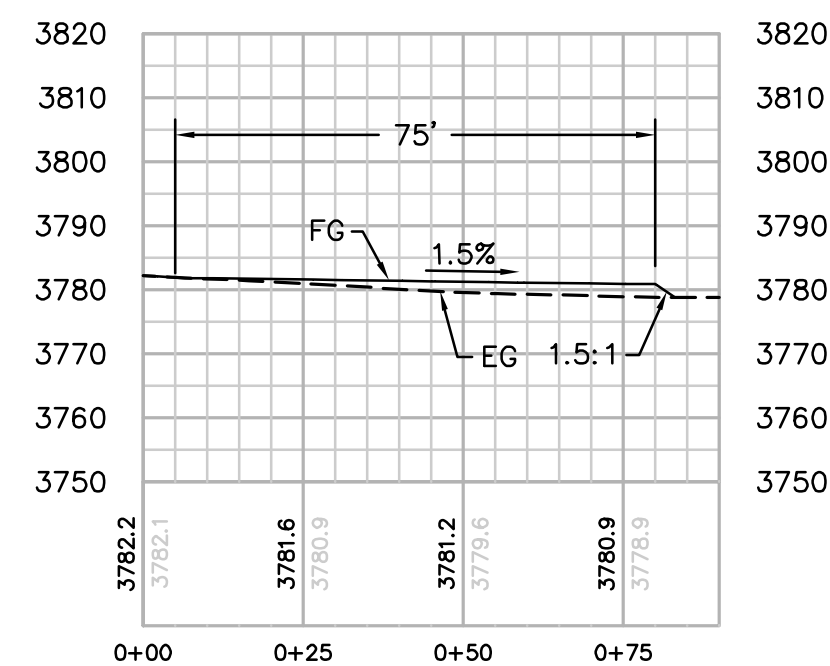
SECTION F-F
HORIZ. & VERT. SCALE: 1" = 30'



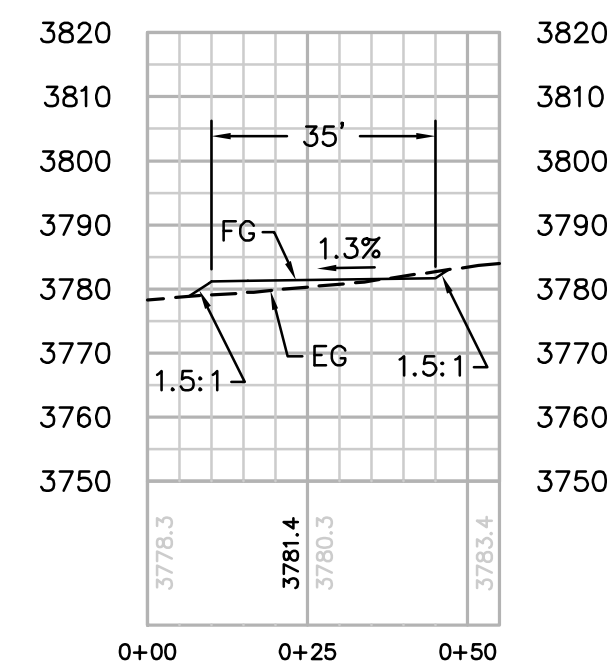
TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+09.19



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+65.97



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



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
22	1840996.88	6558898.86	3776.85	FG
23	1840936.44	6558914.38	3776.04	EC
24	1840944.52	6558948.44	3776.56	EC
25	1840938.27	6558931.97	3776.27	CL
26	1840937.80	6558932.10	3776.29	CL/EC
27	1840932.04	6558916.81	3776.15	BC
28	1840940.69	6558948.66	3776.67	BC
29	1840933.91	6558947.75	3776.85	EC
30	1840925.69	6558950.41	3777.10	BC
31	1840920.21	6558941.83	3776.85	CL/BC
32	1840921.14	6558954.72	3777.27	EC
33	1840929.98	6558971.79	(3780.48)	BC
34	1840865.83	6558979.65	3777.70	EC
35	1840846.82	6558989.71	(3777.09)	BC
36	1840897.98	6558978.44	(3779.54)	CL/BC
37	1840905.38	6558955.90	3777.84	CL/EC
38	1841207.03	6558903.31		RP
39	1841291.78	6558852.76		RP
40	1840928.03	6558961.98		RP
41	1840838.30	6558950.63		RP

[illegible]

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SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-200-3

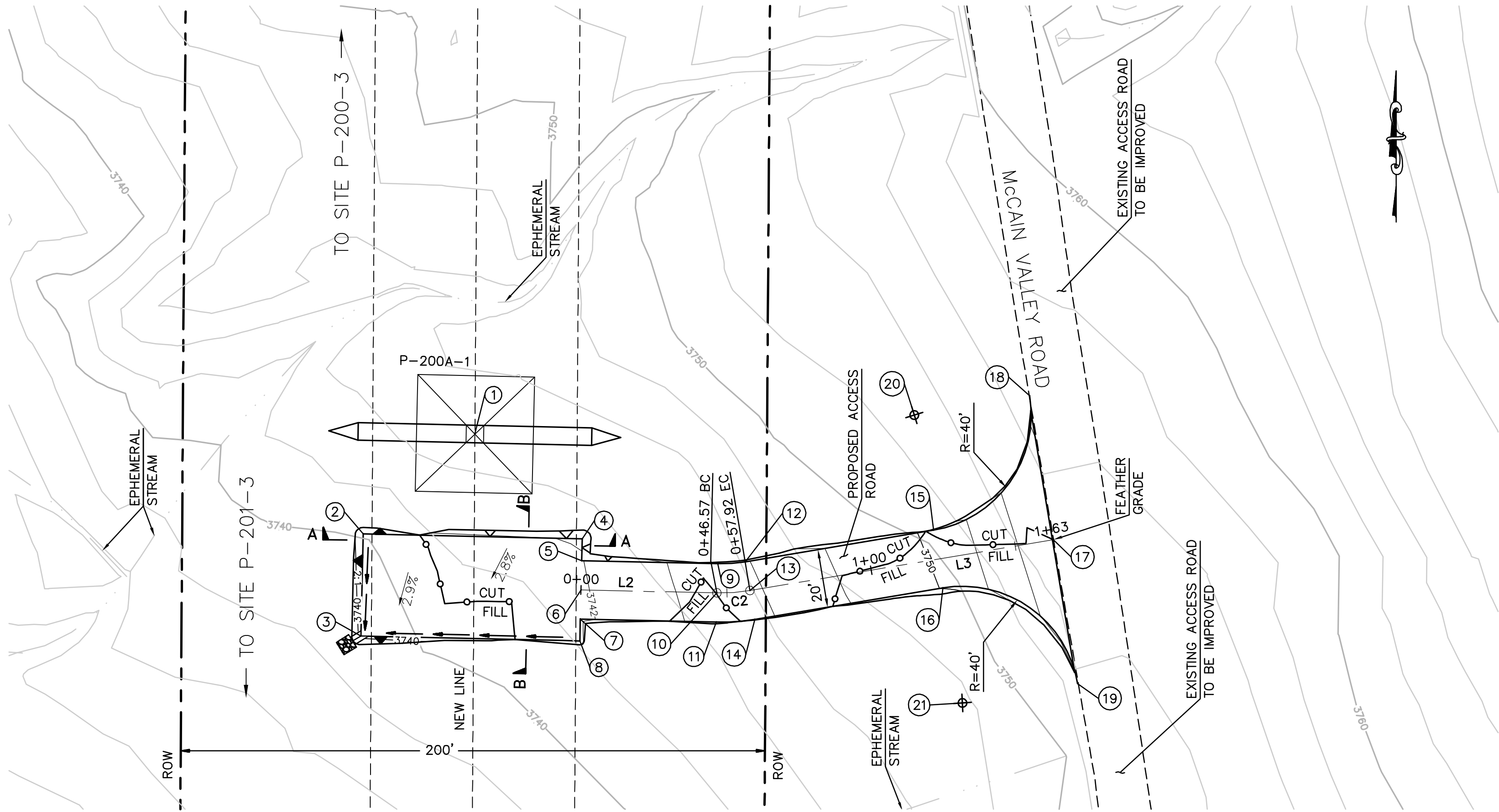
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:		09B-P200-3	
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

09B-P200-3-S1



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EARTH QUANTITIES:
CUT: 65 CY
FILL: 55 CY
NET: 10 CY

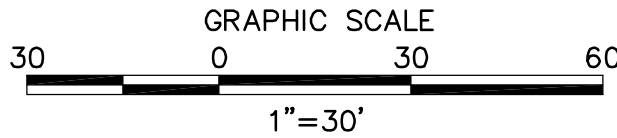
DISTURBED AREA:
PAD: 3,015 SF
ROAD: 4,224 SF
TOTAL: 7,239 SF

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

LENGTH OF ACCESS ROAD: 163 LF

TOWER P-200A-1 PLAN

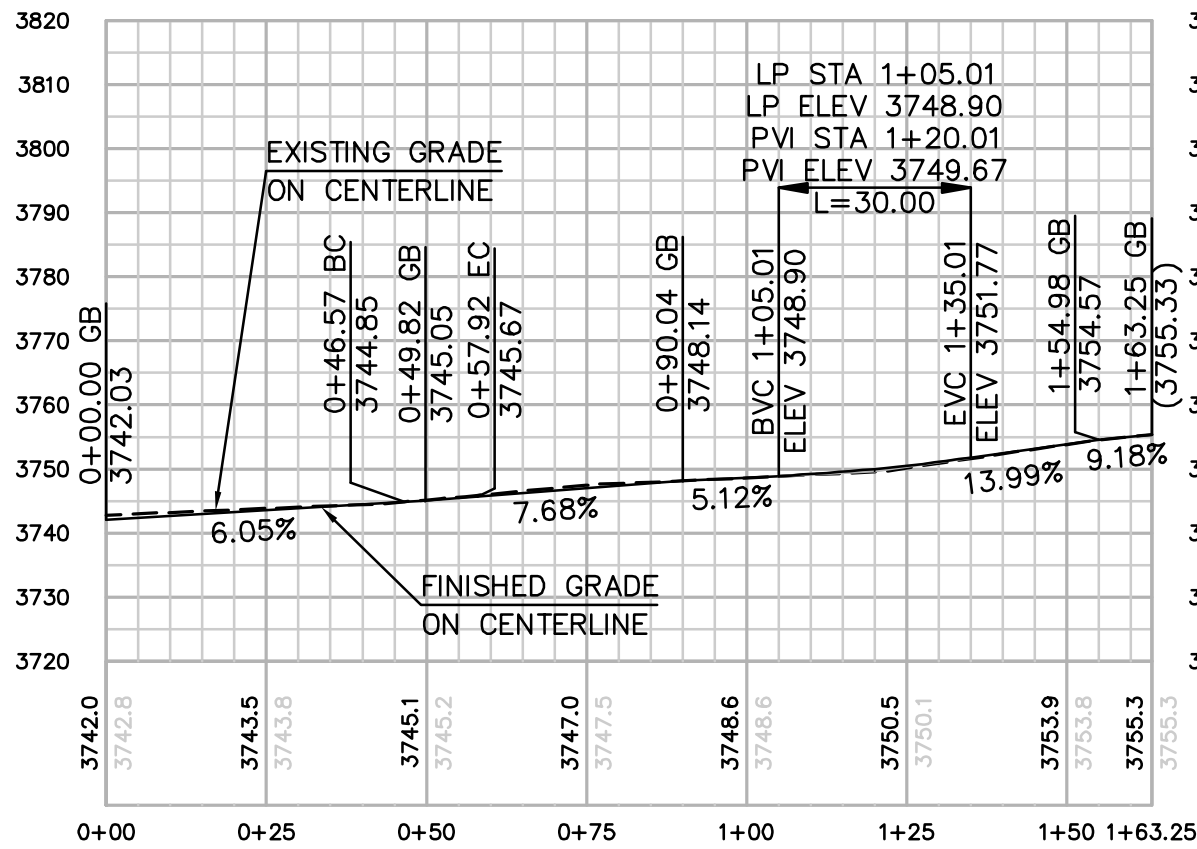
SCALE: 1" = 30'



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-200A-1	500 KV EXMT Lattice Tangent Tower	0.00	121.50

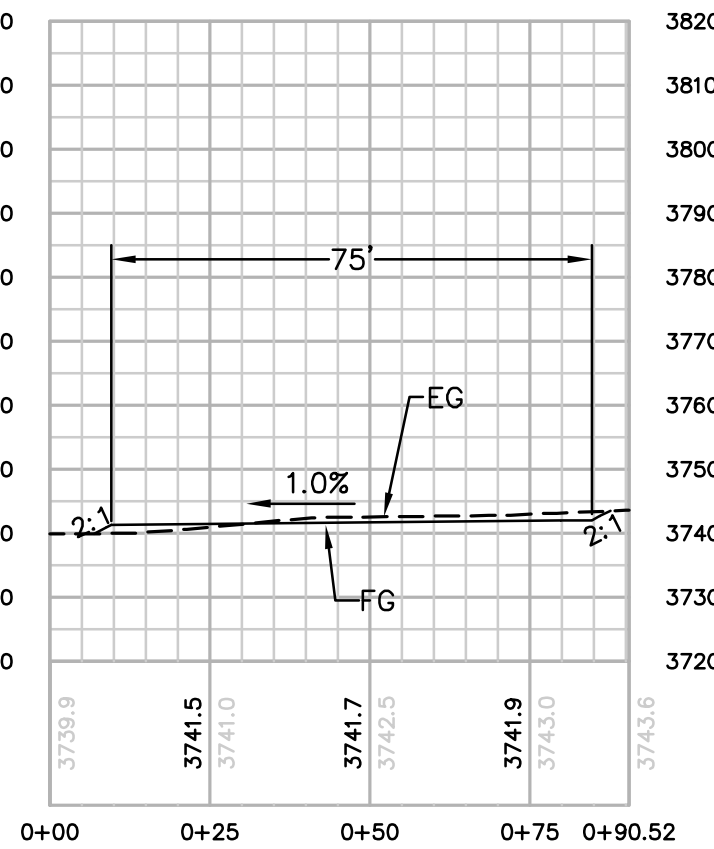
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L2		46.57	S88°41'37"E
C2	60.00	11.34	10°49'52"
L3		105.33	N80°28'31"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1840254.25	6558898.65	(3744.95)	P-200A-1
2	1840220.11	6558860.37	3741.38	FG
3	1840185.12	6558859.57	3740.43	FG
4	1840218.39	6558935.35	3742.08	FG
5	1840210.90	6558935.17	3741.94	FG
6	1840200.90	6558934.95	3741.73	CL
7	1840190.90	6558934.72	3741.54	FG
8	1840183.40	6558934.55	3741.38	FG
9	1840209.83	6558981.74	3745.05	FG
10	1840199.84	6558981.51	3744.85	CL/BC
11	1840189.84	6558981.28	3744.65	FG
12	1840210.51	6558991.15	3745.87	FG
13	1840200.65	6558992.80	3745.67	CL/EC
14	1840190.79	6558994.46	3745.47	FG
15	1840221.34	6559055.67	3750.54	FG
16	1840201.60	6559058.89	3750.13	FG
17	1840218.08	6559096.68	(3755.33)	CL
18	1840267.37	6559088.51	(3756.81)	EG
19	1840168.73	6559104.96	(3753.76)	EG
20	1840260.79	6559049.05		RP
21	1840162.15	6559065.51		RP



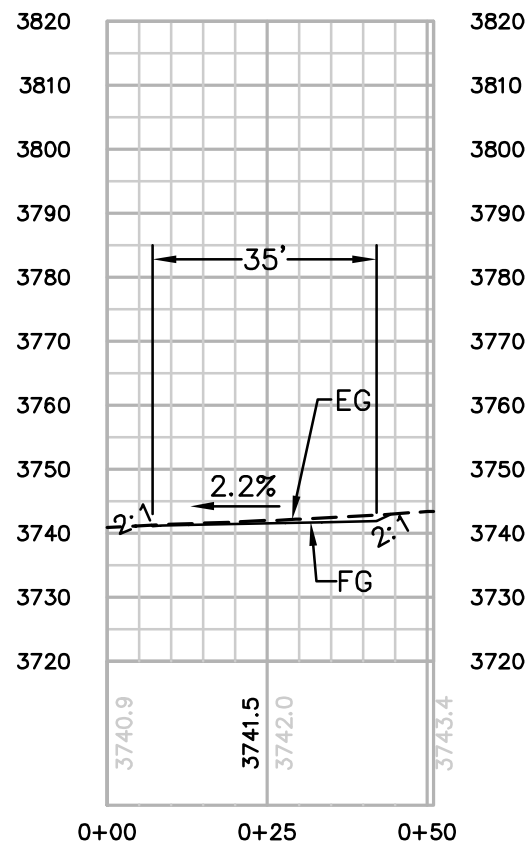
PROFILE: ACCESS ROAD TO TOWER P-200A-1

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



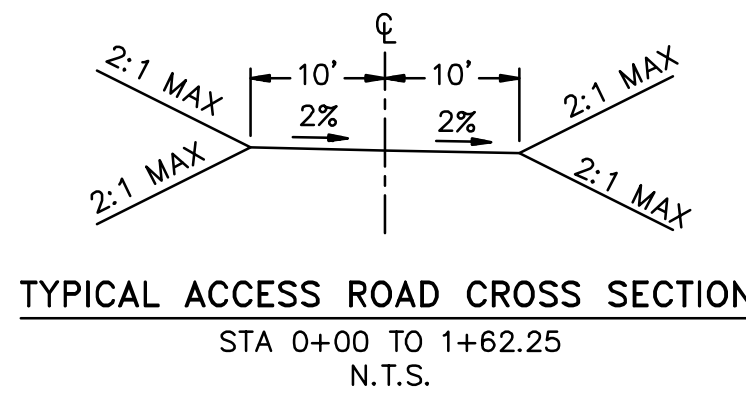
SECTION A-A

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



SECTION B-B

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



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00 TO 1+62.25
N.T.S.

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-9B (LINK 1)

SITE P-200A-1

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

09B-P200A-1-S1



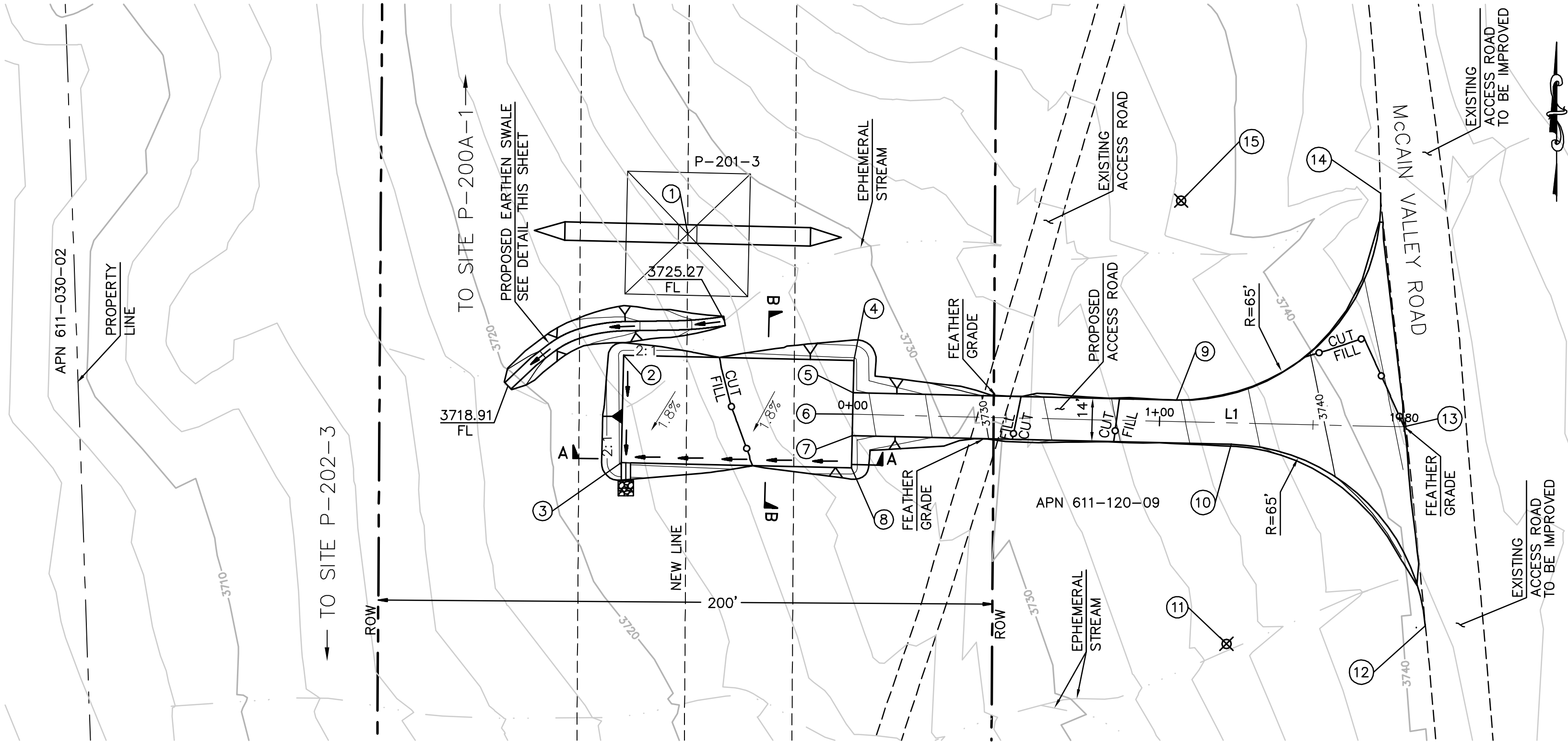
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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-201-3	500 KV EXMT Lattice Tangent Tower	0.00	151.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		179.67	S88°41'22"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1839357.98	6558892.72	(3727.11)	P-201-3
2	1839318.45	6558871.81	3724.81	FG
3	1839283.46	6558871.01	3724.28	FG
4	1839316.73	6558946.79	3725.56	FG
5	1839306.24	6558946.55	3725.40	FG
6	1839299.24	6558946.39	3725.29	CL/FG
7	1839292.24	6558946.23	3725.19	FG
8	1839281.74	6558945.99	3725.03	FG
9	1839303.83	6559051.90	3735.87	FG
10	1839289.42	6559069.65	3737.18	FG
11	1839224.43	6559068.16		RP
12	1839230.33	6559132.89	(3741.84)	EG
13	1839295.13	6559126.01	(3742.28)	CL/EG
14	1839371.24	6559118.34	(3743.78)	EG
15	1839368.81	6559053.39		RP

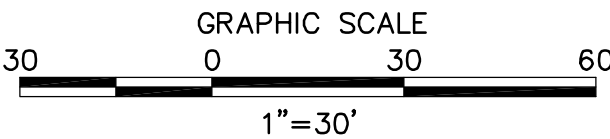


EARTH QUANTITIES:
CUT: 158 CY
FILL: 142 CY
NET: 16 CY

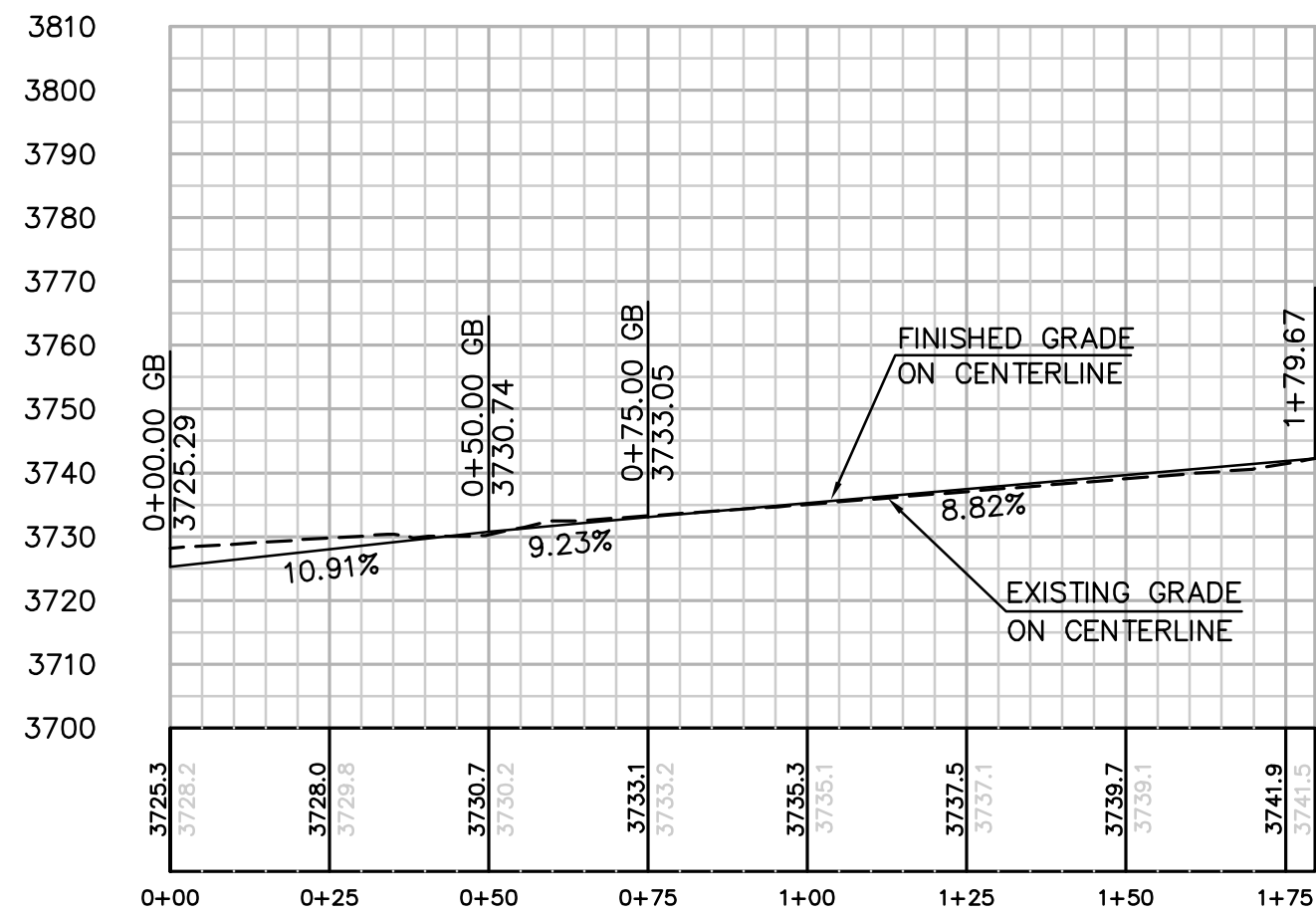
DISTURBED AREA:
PAD: 3,595 SF
ROAD: 4,805 SF
TOTAL: 8,400 SF

QUANTITIES:
DOWN DRAIN: 6 LF
RIP RAP: 25 SF
SWALE: 77 LF

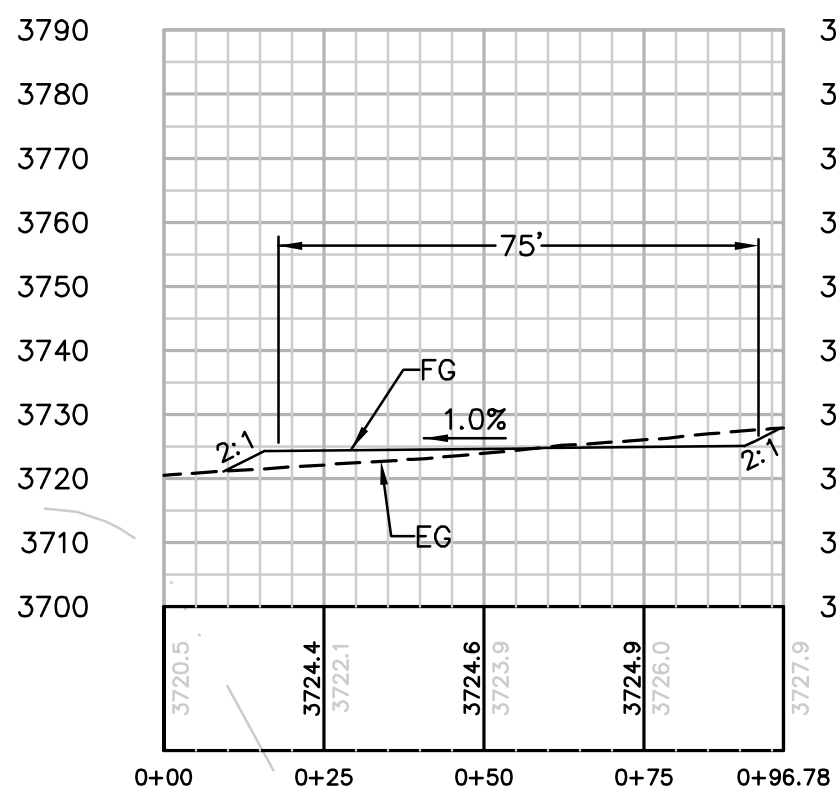
TOWER P-201-3 PLAN
SCALE: 1" = 30'



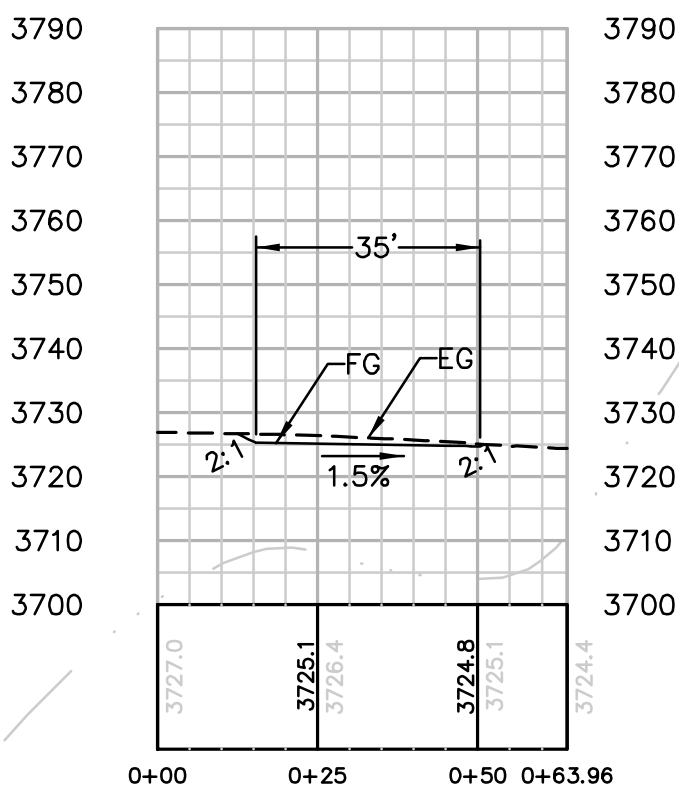
LENGTH OF ACCESS ROAD: 180 LF



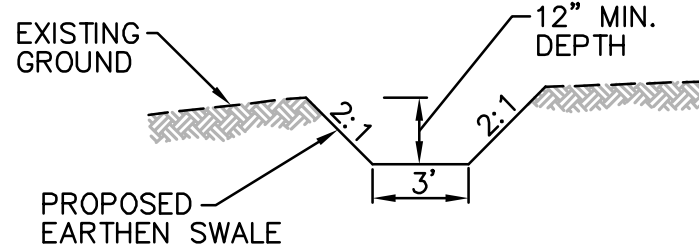
PROFILE: ACCESS ROAD TO TOWER P-201-3
HORIZ. AND VERT. SCALE: 1" = 30'



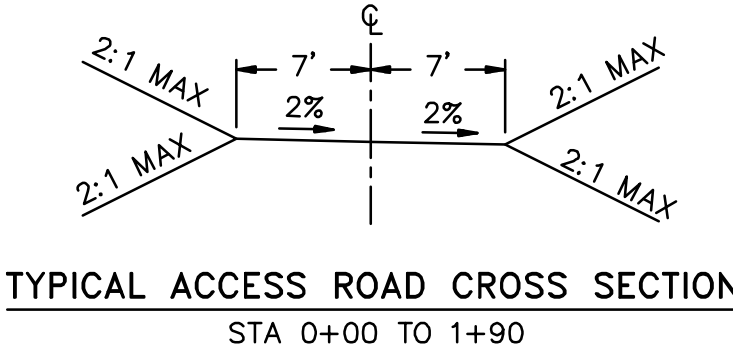
SECTION A-A
HORIZ. AND VERT. SCALE: 1" = 30'



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



EARTHEN SWALE DETAIL
NOT TO SCALE



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 1+90

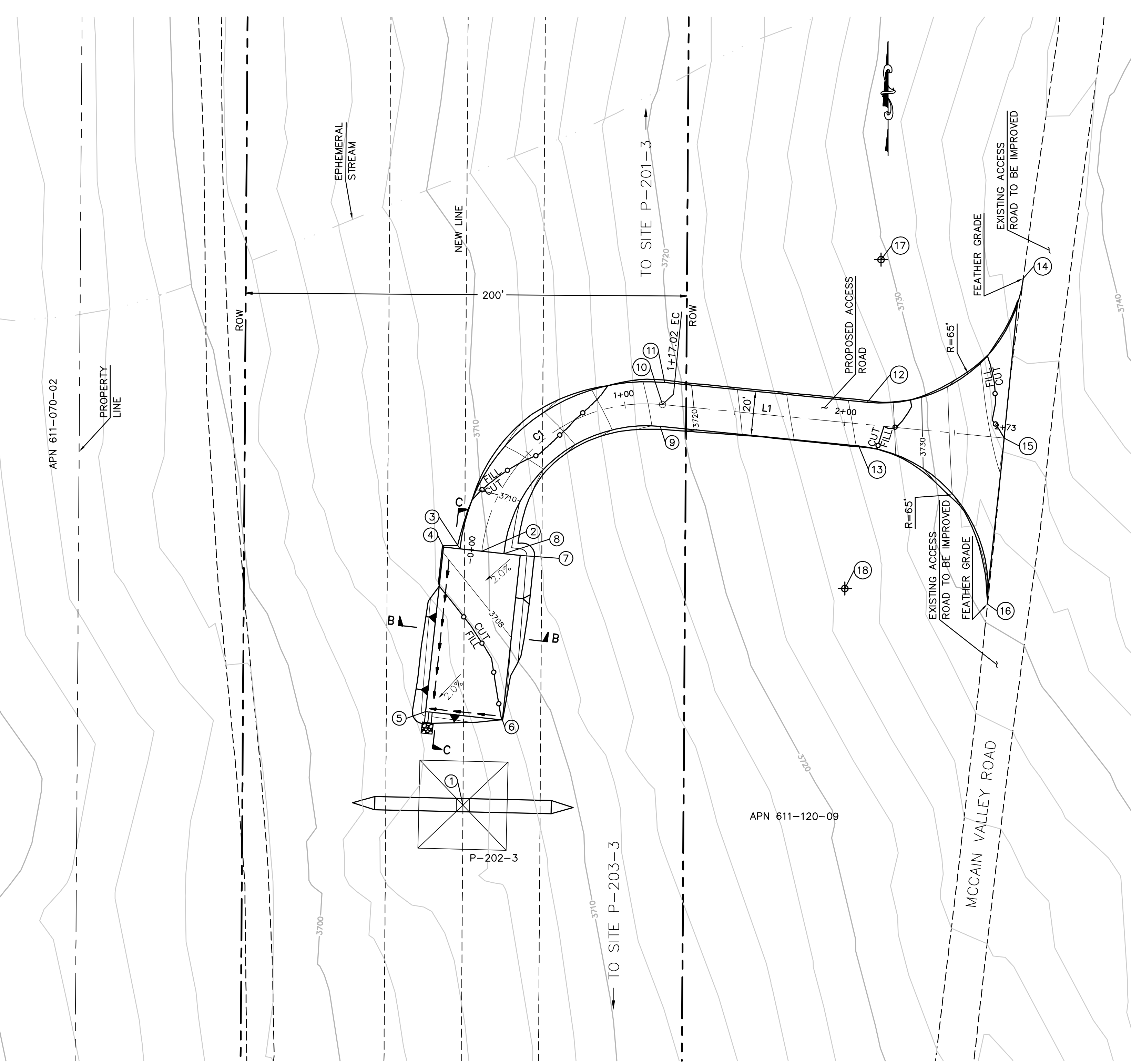
REVISIONS

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-9B (LINK 1)				
SITE P-201-3				
DRAWN BY: 00		DATE:	SCALE: 1" = 30'	W.O.
CHECKED BY:		DATE:		
APPROVED BY:		DATE:	09B-P201-3-S1	
CAD NO.:		PLOT SCALE: 1 = 1		

09B-P201-3-S1

P:\16919 SDG&E SPL\CADD\09B\dwg\plans\09B-P202-3-S1.dwg[May-26-2010]11:23



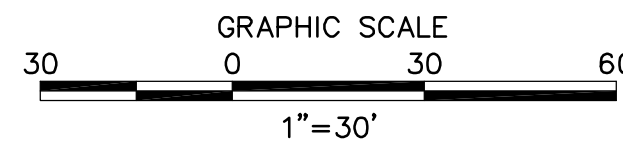
EARTH QUANTITIES:
CUT: 166 CY
FILL: 145 CY
NET: 21 CY

DISTURBED AREA:
PAD: 3,179 SF
ROAD: 6,303 SF
TOTAL: 9,482 SF

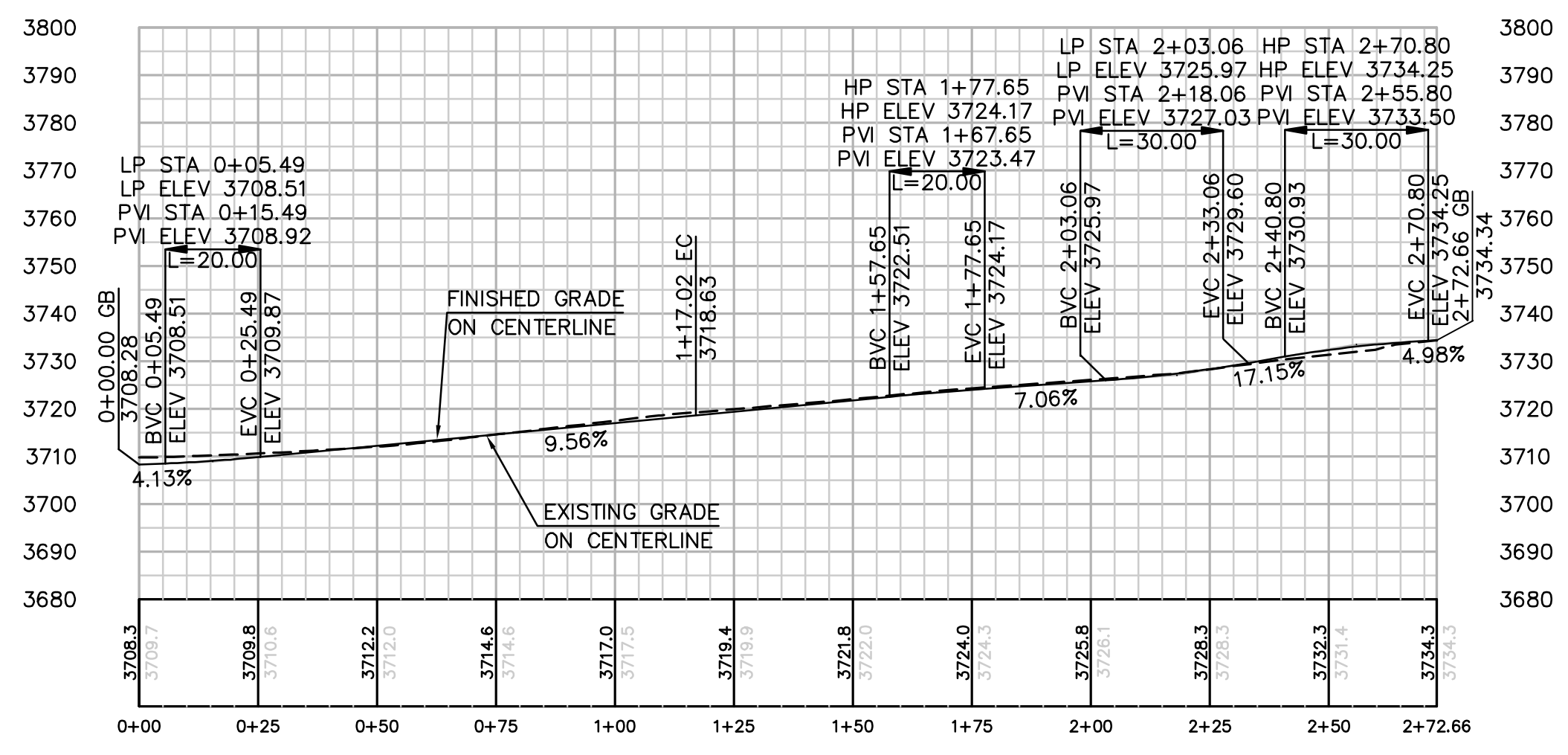
QUANTITIES:
DOWN DRAIN: 5 LF
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 273 LF

TOWER P-202-3 PLAN
SCALE: 1" = 30'



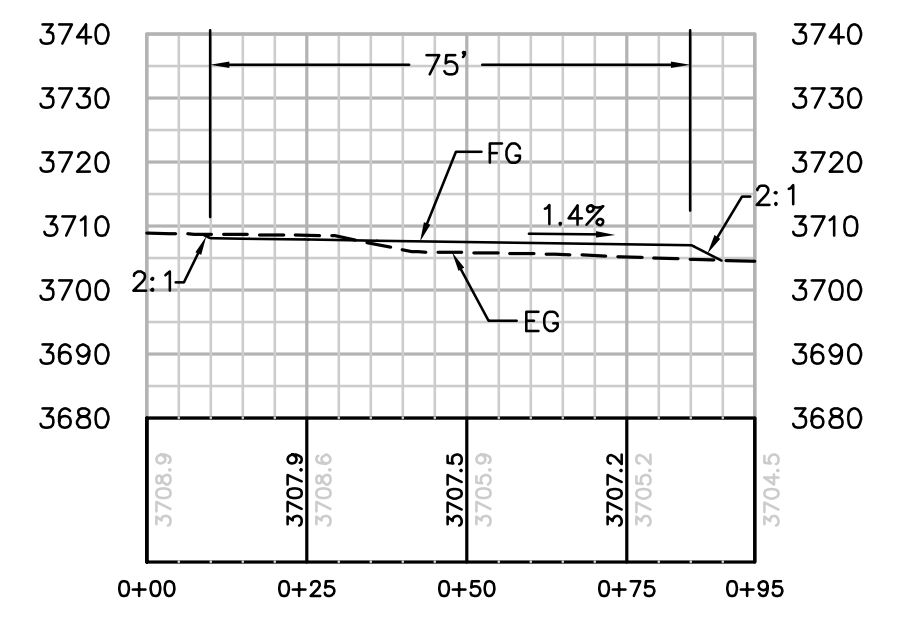
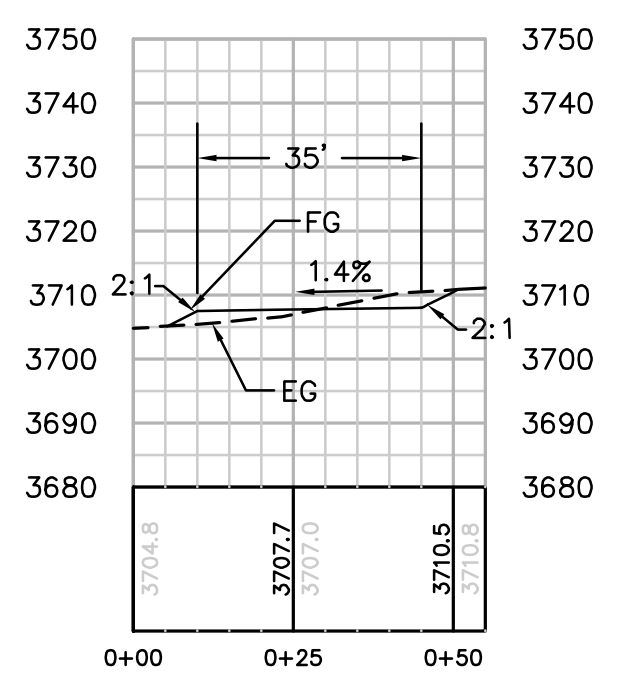
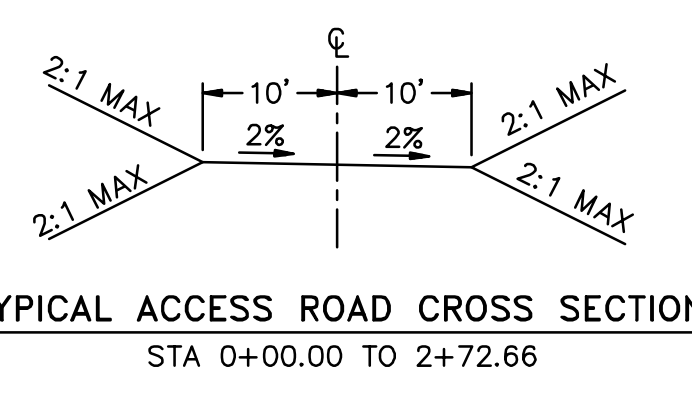
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-202-3	500 KV EXMT Lattice Tangent Tower	0.00	166.50



PROFILE: ACCESS ROAD TO TOWER P-202-3
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1838026.55	6558883.90	(3705.50)	P-202-3
2	1838141.64	6558892.49	3708.28	CL/BC
3	1838142.72	6558882.55	3708.14	BC
4	1838143.53	6558875.10	3708.03	FG
5	1838068.97	6558867.00	3706.98	FG
6	1838065.19	6558901.79	3707.47	FG
7	1838139.75	6558909.89	3708.52	FG
8	1838140.56	6558902.44	3708.42	BC
9	1838198.23	6558973.40	3718.70	EC
10	1838208.18	6558974.37	3718.90	CL/EC
11	1838218.13	6558975.35	3719.10	EC
12	1838209.13	6559067.14	3726.75	BC
13	1838189.41	6559063.34	3726.20	BC
14	1838265.33	6559137.93	(3736.76)	EC
15	1838193.00	6559129.27	(3734.34)	CL
16	1838117.72	6559121.62	(3730.39)	EC
17	1838273.82	6559073.48		RP
18	1838124.72	6559057.00		RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	75.00	117.02	89°23'57"
L1		155.64	S84°24'04"E



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-9B (LINK 1)
SITE P-202-3

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

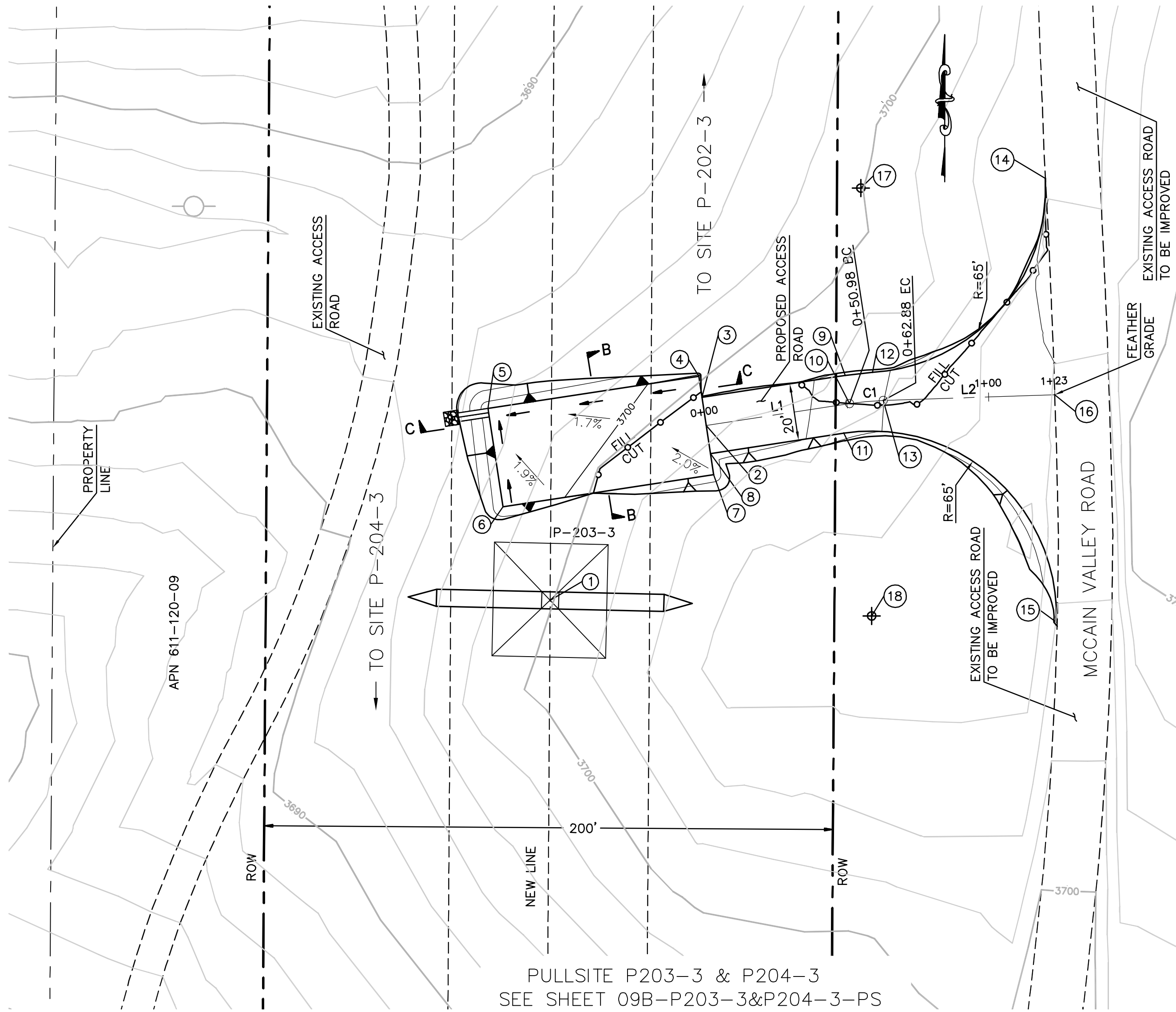
CHECKED BY: DATE: CAD NO.: PLOT SCALE: 1 = 1

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EARTH QUANTITIES:
CUT: 165 CY
FILL: 158 CY
NET: 7 CY

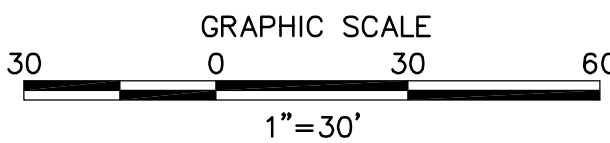
DISTURBED AREA:
PAD: 3,677 SF
ROAD: 8,677 SF
TOTAL: 12,354 SF

QUANTITIES:
DOWN DRAIN: 10 LF
RIPRAP: 25 SF

LENGTH OF ACCESS ROAD: 123 LF

TOWER P-203-3 PLAN

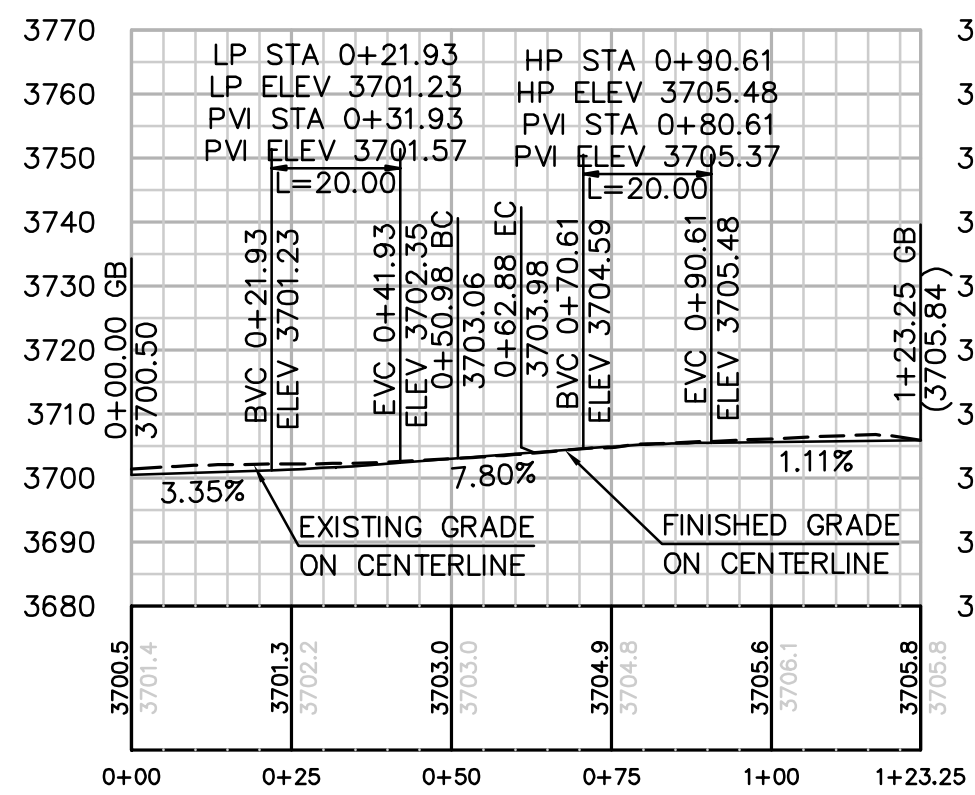
SCALE: 1" = 30'



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-203-3	500 KV EXMT Lattice Tangent Tower	0.00	166.50

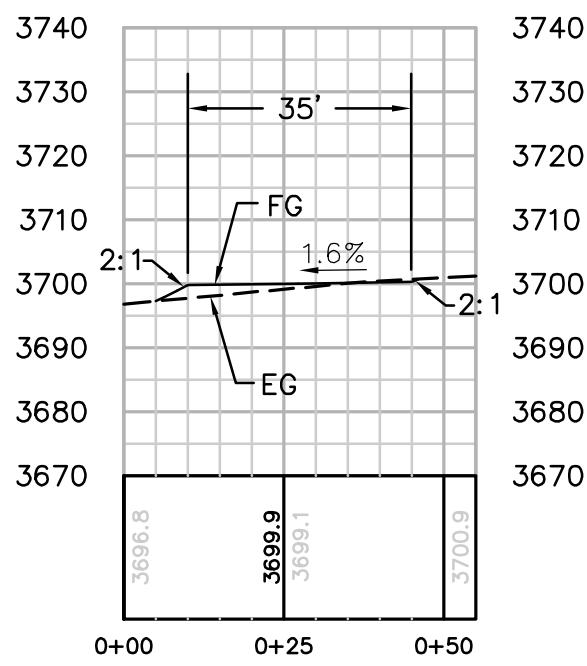
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1836594.32	6558874.42	(3699.41)	P-203-3
2	1836655.79	6558929.31	3700.50	CL
3	1836665.68	6558927.80	3700.36	FG
4	1836673.09	6558926.67	3700.25	FG
5	1836661.76	6558852.53	3699.20	FG
6	1836627.16	6558857.82	3699.69	FG
7	1836638.49	6558931.96	3700.74	FG
8	1836645.91	6558930.82	3700.64	FG
9	1836673.38	6558978.20	3703.26	BC
10	1836663.49	6558979.71	3703.06	CL/BC
11	1836653.07	6558977.70	3702.84	BC
12	1836674.42	6558987.83	3703.54	PRC
13	1836664.59	6558991.55	3703.98	CL/EC
14	1836742.63	6559048.58	(3705.93)	EC
15	1836586.61	6559052.48	(3703.91)	EC
16	1836666.56	6559051.89	(3705.84)	CL
17	1836739.29	6558983.71		RP
18	1836588.82	6558987.52		RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		50.98	N81°18'38"E
C1	100.00	11.90	6°49'02"
L2		60.38	N88°07'40"E



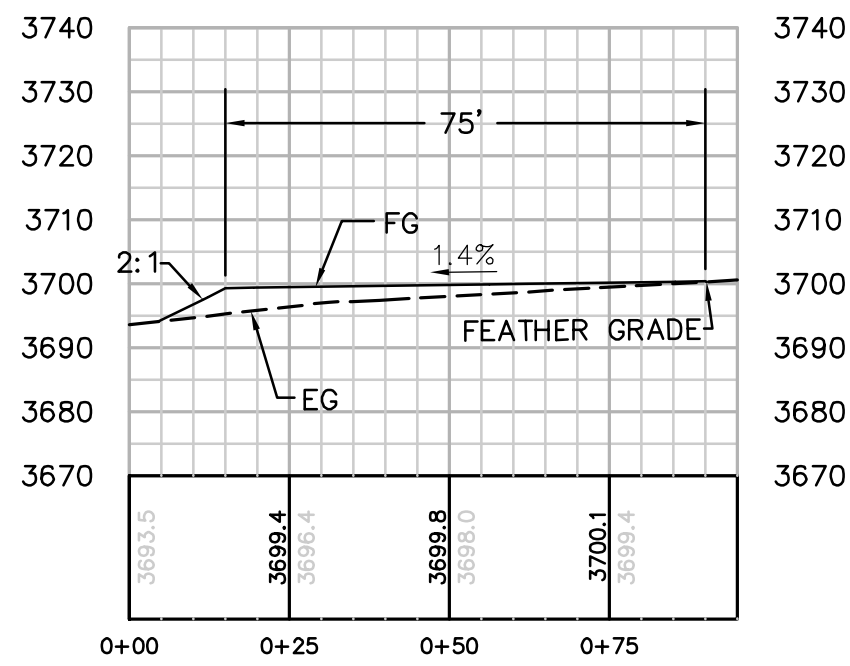
PROFILE: ACCESS ROAD TO TOWER P-203-3

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



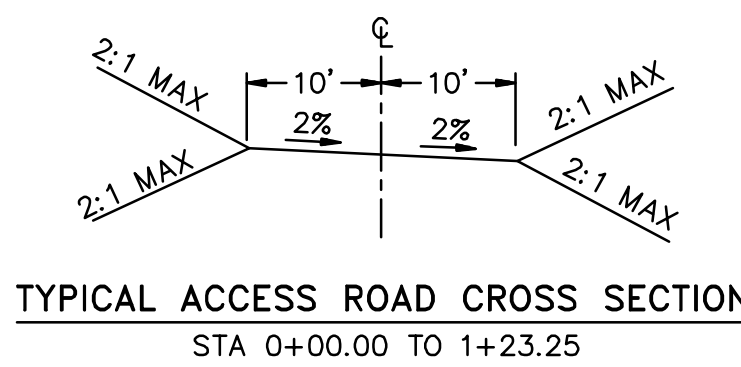
SECTION B-B

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



SECTION C-C

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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 1+23.25

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-9B (LINK 1)

SITE P-203-3

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

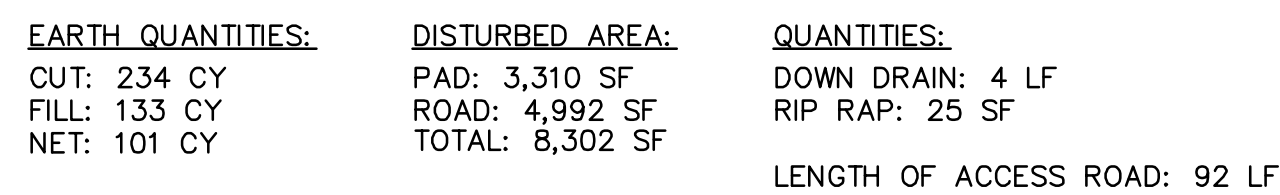
09B-P203-3-S1



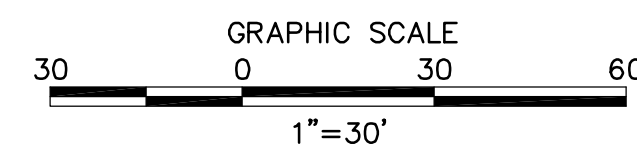
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TOWER P-204-3 PLAN
SCALE: 1" = 30'



Profile view of station 0+00 to 0+91.54. The vertical axis shows elevation in feet (3620 to 3720). The horizontal axis shows stationing (0+00 to 0+91.54). The profile includes existing ground (dashed line) and finished grade (solid line). Key features include a vertical curve (L=30.00) and various elevation points.

Station	Existing Grade (ft)	Finished Grade (ft)	Notes
0+00.00	3649.37	3649.37	BVC 0+02.19
0+02.19	3649.44	3649.44	ELEV 3649.44
0+13.50	3650.13	3650.13	BC
0+22.19	3650.73	3650.73	EVC 0+22.19
0+22.19	3651.45	3651.45	ELEV 3651.45
0+36.62	3653.87	3653.87	ELEV 3653.87
0+39.80	3654.38	3654.38	EVC 0+39.80
0+66.62	3656.82	3656.82	ELEV 3656.82
0+91.54	3657.55	3657.55	EC

Vertical Curve Data:

- Length (L): 30.00
- Grade 1: -3.30%
- Grade 2: 2.93%
- Grade 3: 16.77%

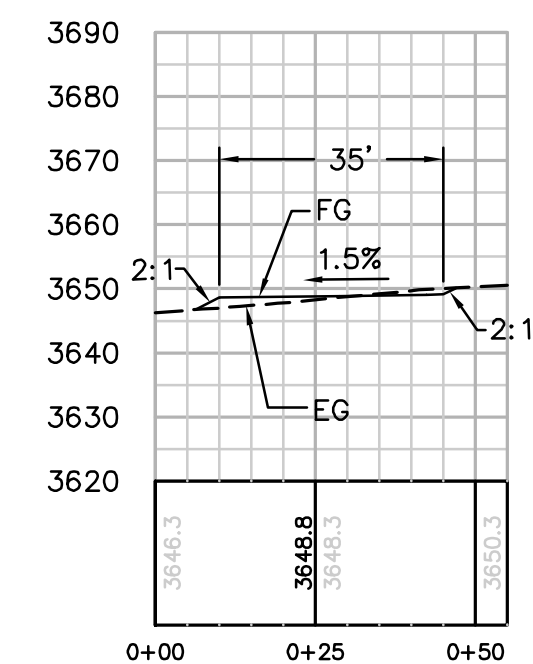
Stationing: 0+00, 0+25, 0+50, 0+75, 0+91.54

Elevations (ft): 3620, 3630, 3640, 3650, 3660, 3670, 3680, 3690, 3700, 3710, 3720

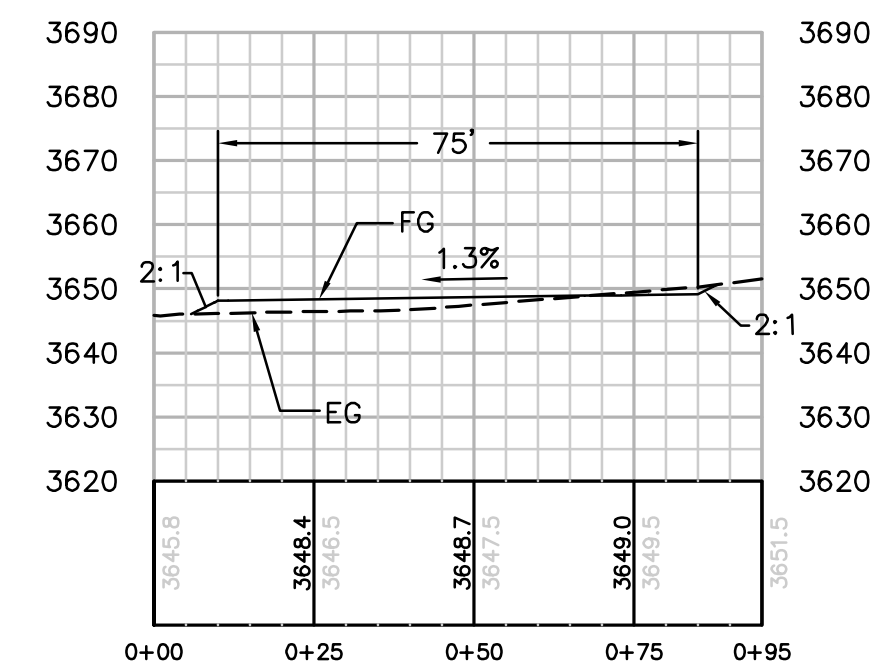
PROFILE: ACCESS ROAD TO TOWER P-204-3
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1835119.17	6558864.66	(3647.66)	P-204-3
2	1835169.75	6558886.66	3649.36	CL
3	1835179.56	6558888.62	3649.51	FG
4	1835186.91	6558890.09	3649.62	FG
5	1835201.62	6558816.55	3648.65	FG
6	1835167.30	6558809.68	3648.12	FG
7	1835155.82	6558867.09	3648.88	FG
8	1835152.59	6558883.23	3649.10	FG
9	1835159.94	6558884.70	3649.21	FG
10	1835167.18	6558899.53	3650.21	CL/BC
11	1835178.41	6558894.36	3649.90	BC
14	1835165.47	6558926.07	3654.38	CL/EC
15	1835150.68	6558931.01	3654.63	BC
16	1835247.77	6558971.87	(3660.98)	EC
17	1835091.53	6558983.10	(3655.68)	EC
18	1835169.05	6558977.69	(3657.55)	CL
19	1835242.15	6558907.11		RP
20	1835086.94	6558918.26		RP

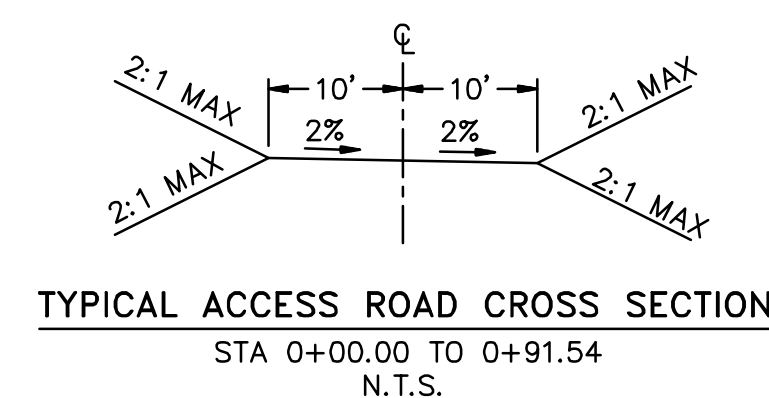
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		13.13	S78°41'22"E
C1	100.00	26.67	15°16'46"
L2		51.74	N86°01'51"E



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



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



REVISIONS

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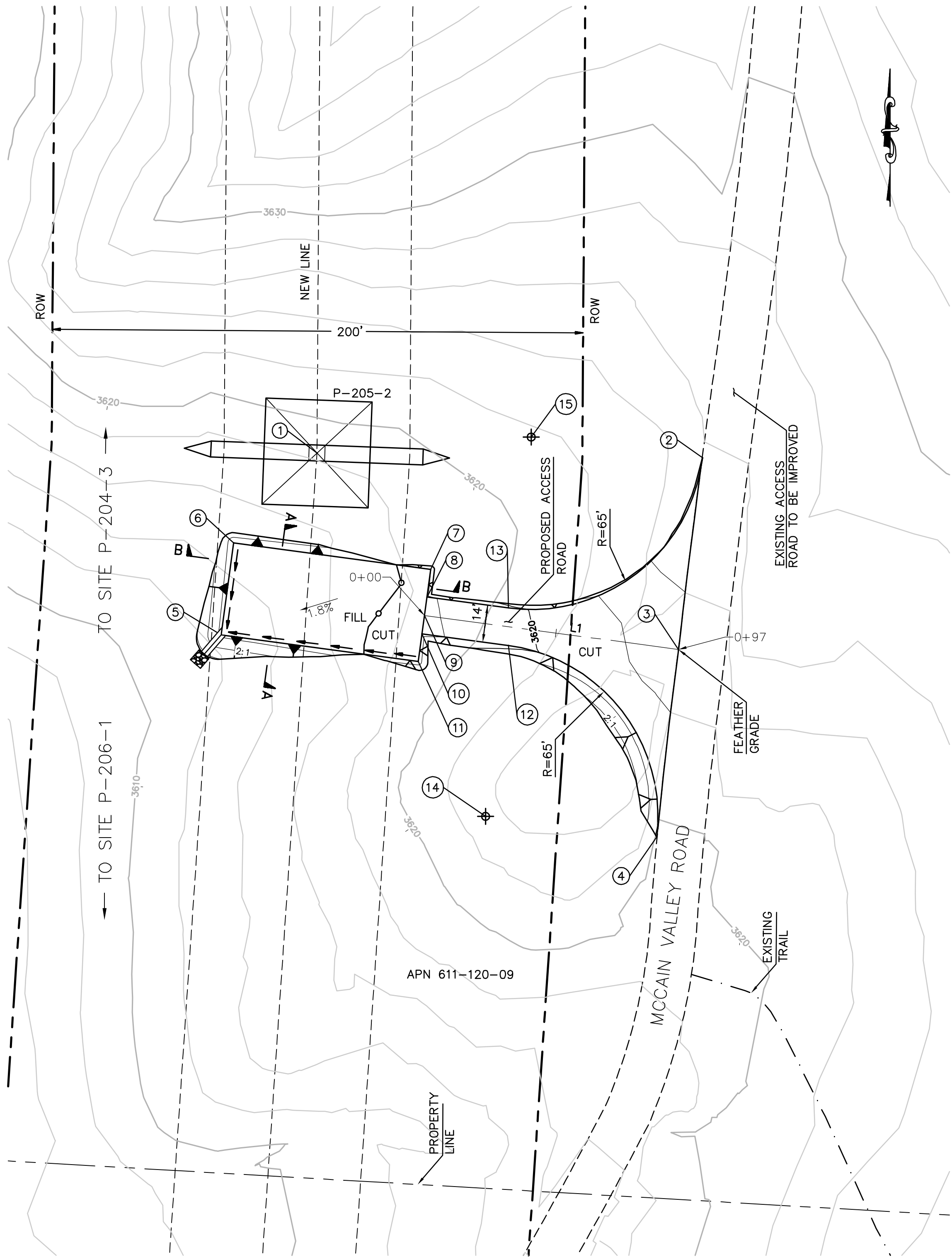
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-204-3

DRAWN BY: 00	DATE:	SCALE: 1" = 30'	09B-P204-3-S1
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CAD NO.:	PLOT SCALE: 1 = 1		

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TOWER P-205-2 PLAN
SCALE: 1" = 30'

EARTH QUANTITIES:
CUT: 195 CY
FILL: 174 CY
NET: 21 CY

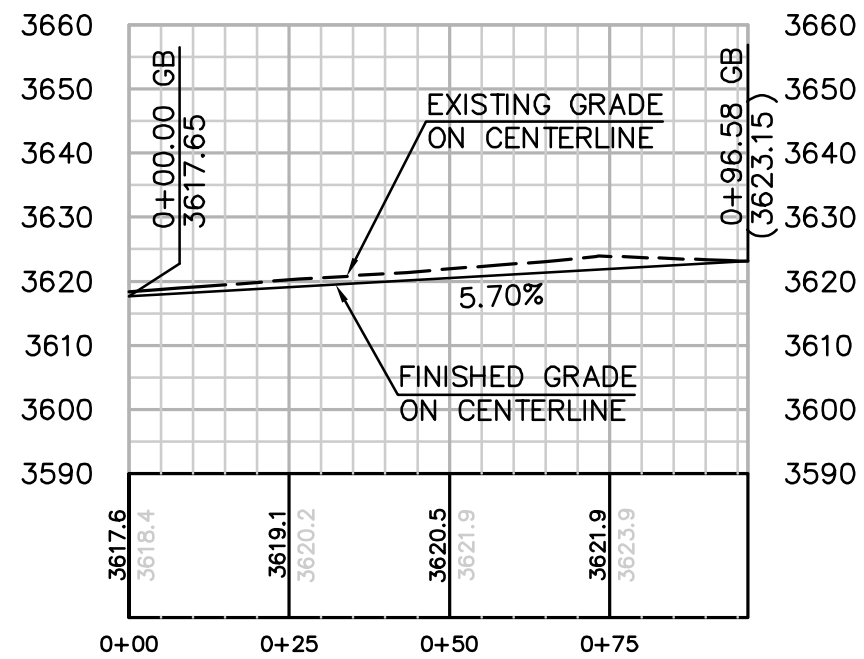
DISTURBED AREA:
PAD: 3,509 SF
ROAD: 3,873 SF
TOTAL: 7,382 SF

QUANTITIES:
RIP RAP: 25 SF
DOWN DRAIN: 10 LF
LENGTH OF ACCESS ROAD: 97 LF

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-205-2	500 KV EXLA Lattice Angle Tower	3.50	157.50

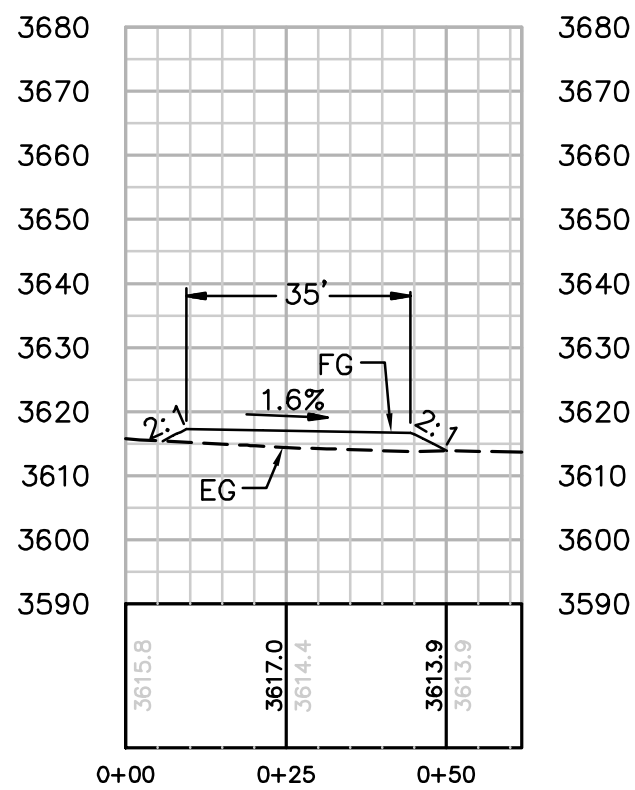
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1833712.32	6558855.34	(3619.44)	P-205-2
2	1833710.56	6559000.62	(3625.81)	EC
3	1833638.30	6558991.61	(3623.15)	CL
4	1833567.58	6558983.40	(3619.74)	EC
5	1833643.79	6558819.18	3616.49	FG
6	1833678.47	6558823.88	3617.04	FG
7	1833668.40	6558898.20	3617.94	FG
8	1833657.99	6558896.79	3617.77	FG
9	1833651.06	6558895.85	3617.65	CL
10	1833644.12	6558894.91	3617.54	FG
11	1833633.72	6558893.50	3617.37	FG
12	1833639.78	6558927.45	3619.38	BC
13	1833653.90	6558927.50	3619.56	BC
14	1833575.35	6558918.86		RP
15	1833718.33	6558936.09		RP

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		96.60	S82°24'36"E



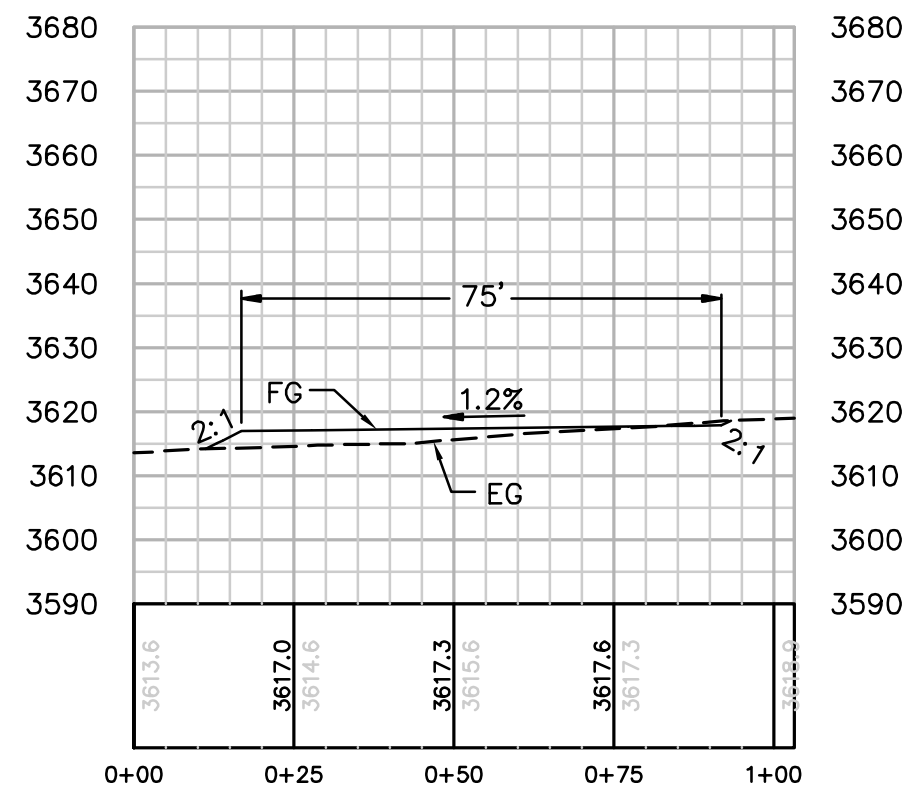
PROFILE: ACCESS ROAD TO TOWER P-205-2

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



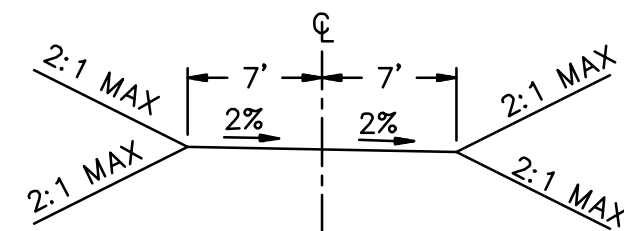
SECTION A-A

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



SECTION B-B

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



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+95.58
NTS

REVISIONS

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SITE P-205-2

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

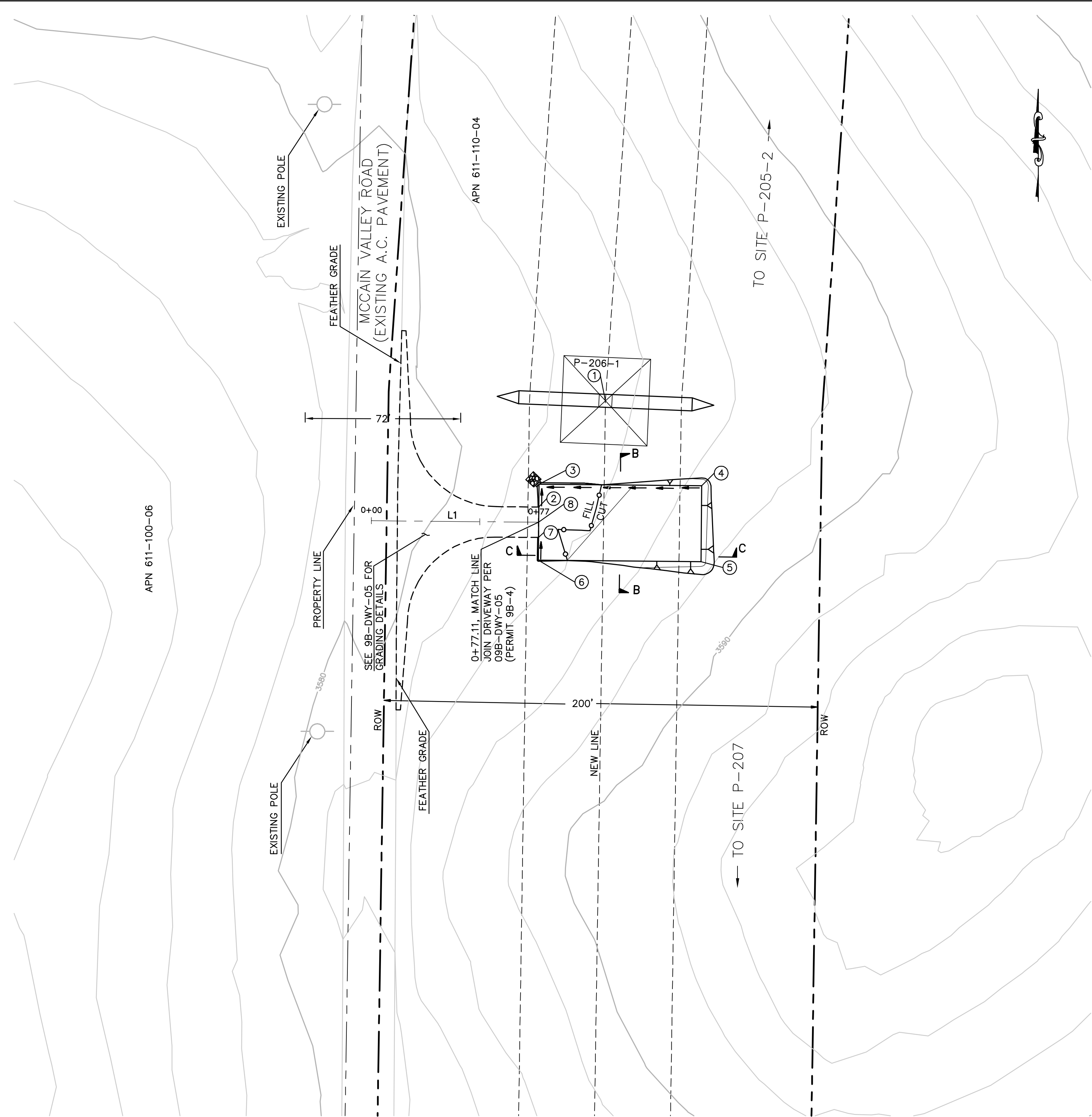
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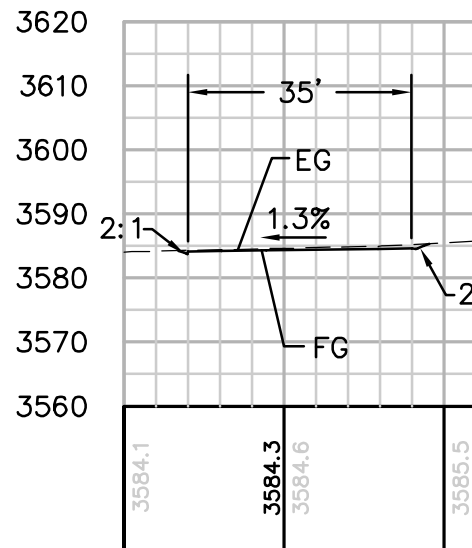
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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-206-1	500 KV EXLA Lattice Angle Tower	-3.01	148.50

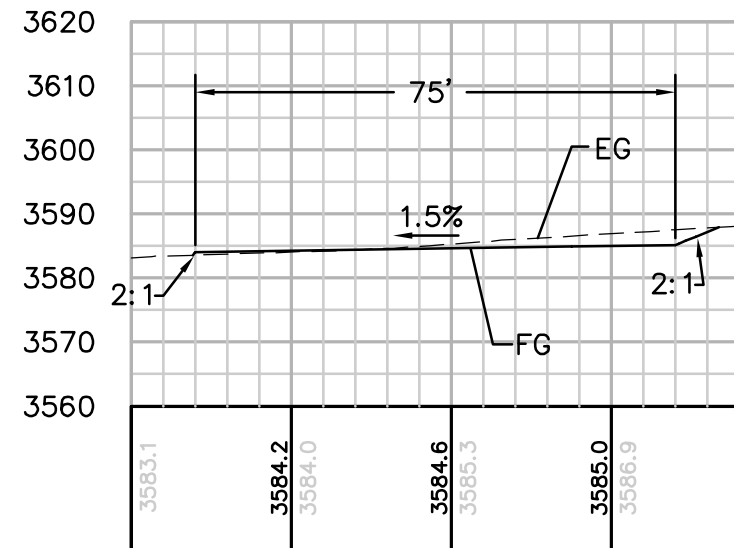
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		77.12	S89°28'14"E

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1832614.85	6558780.84	(3583.55)	P-206-1
2	1832565.86	6558750.09	3583.48	FG
3	1832576.35	6558750.18	3583.35	FG
4	1832575.66	6558825.18	3584.47	FG
5	1832540.66	6558824.86	3584.93	FG
6	1832541.36	6558749.86	3583.80	FG
7	1832551.86	6558749.96	3583.66	FG
8	1832558.86	6558750.02	3583.57	CL



SECTION B-B

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

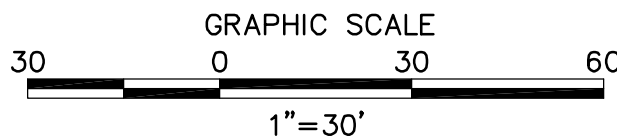


SECTION C-C

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

EARTH QUANTITIES: CUT: 92 CY. FILL: 4 CY. NET: 88 CY.
DISTURBED AREA: PAD: 3,136 SF. TOTAL: 3,136 SF.
QUANTITIES: RIP RAP: 25 SF
LENGTH OF ACCESS ROAD: 65 LF

TOWER P-206-1 PLAN
SCALE: 1" = 30'

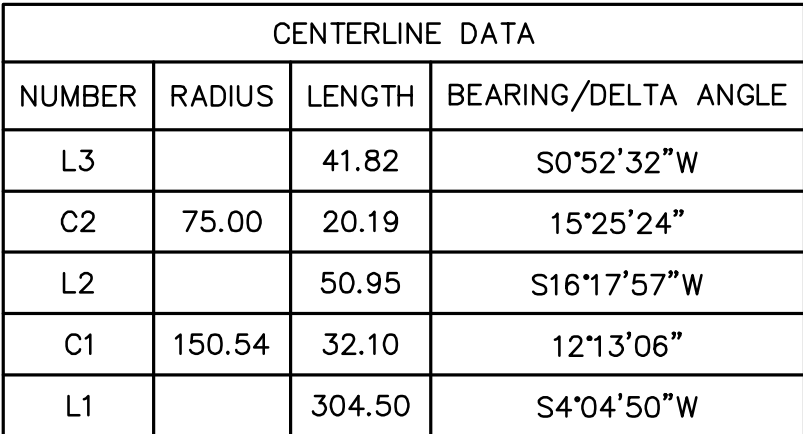


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NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:	NO.	WORK DONE	DATE	BY:	APP'D:

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SITE P-206-1				
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:	09B-P206-1-S1		
CAD NO.:	PLOT SCALE: 1 = 1			

09B-P206-1-S1

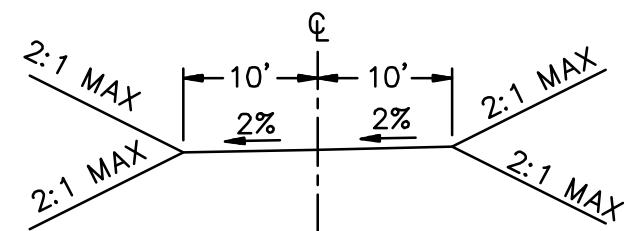
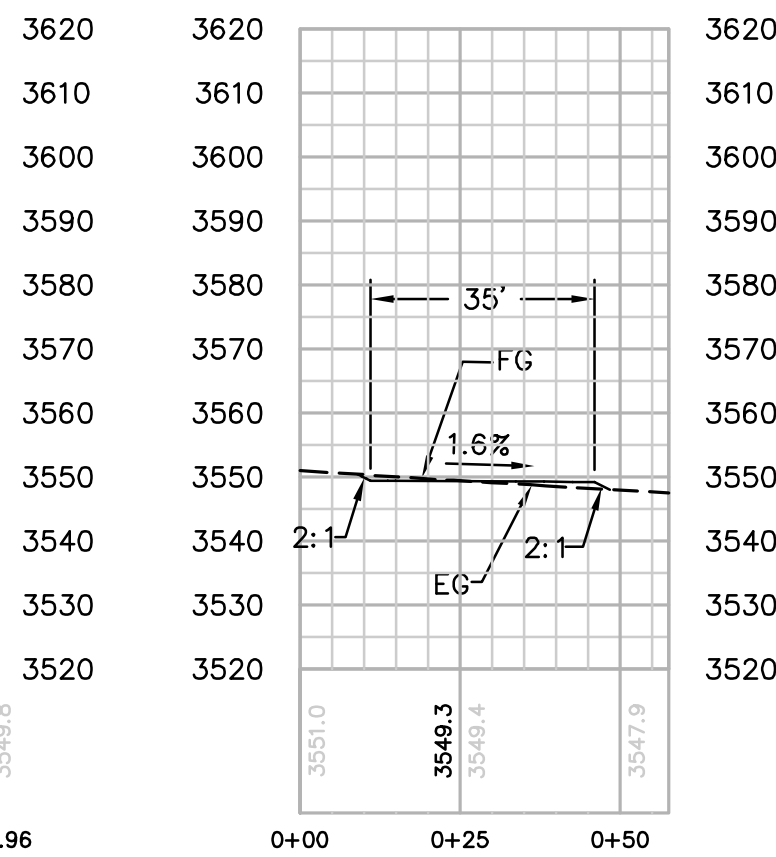


GRAPHIC SCALE

30 0 30 60



1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION

STA 0+00.00 TO 11+12.97
NTS

SECTION B-B

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

SAN DIEGO GAS & ELECTRIC COMPANY				
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SPL-9B (LINK 1)				
SITE P-207				
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.D.	REV. 0
CHECKED BY:	DATE:	09B-P207-S1		
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			

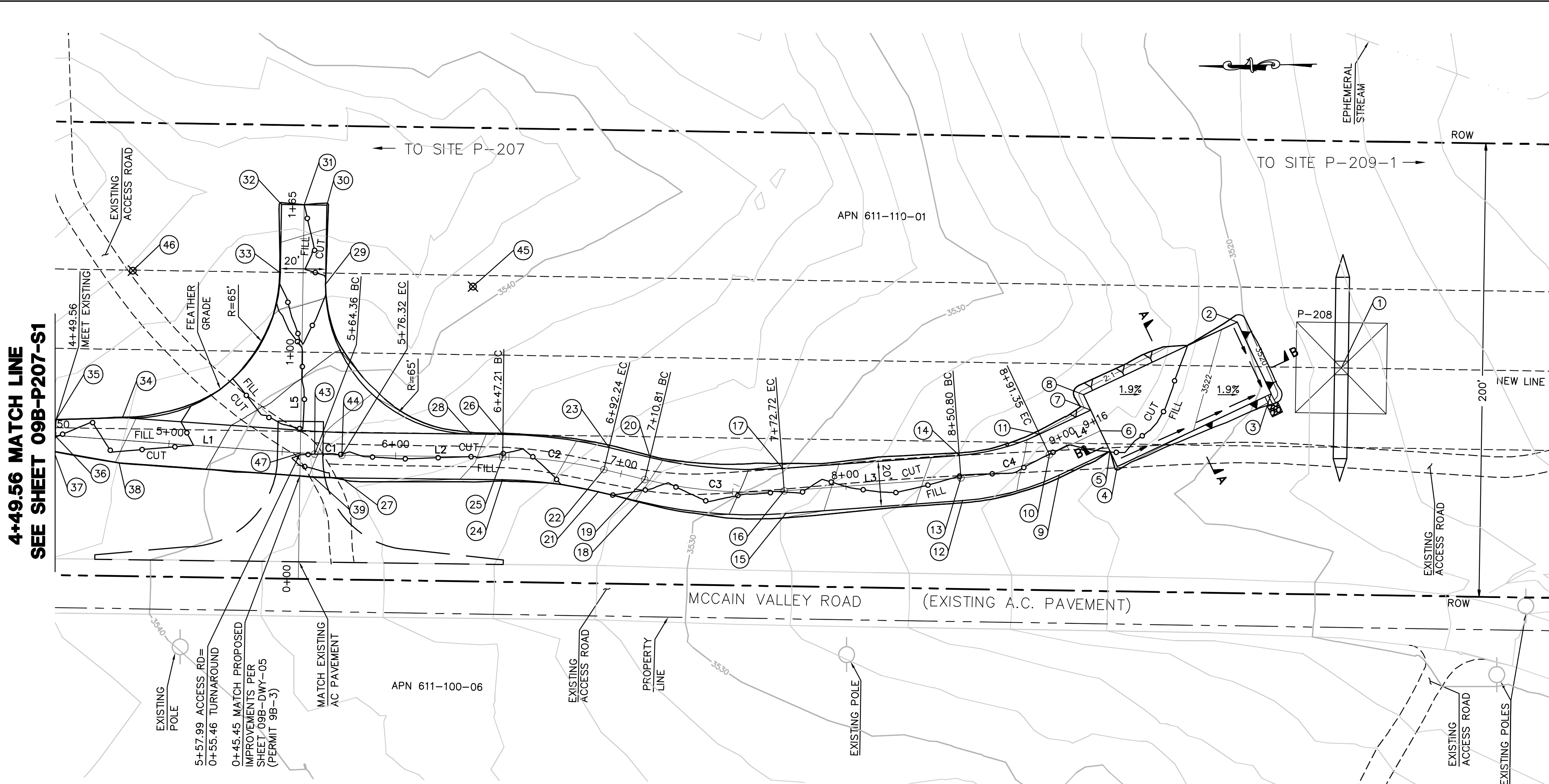


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EARTH QUANTITIES:
CUT: 135 CY
FILL: 89 CY
NET: 46 CY

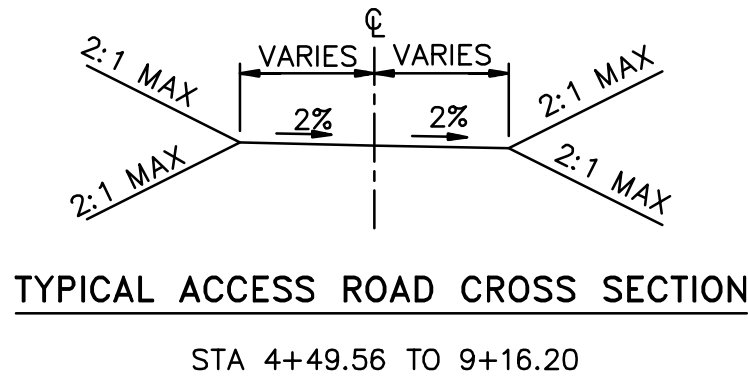
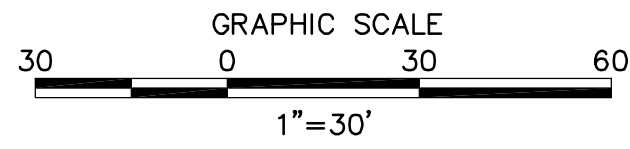
DISTURBED AREA:
PAD: 3,279 SF
ROAD: 14,087 SF
TOTAL: 17,366 SF

QUANTITIES:
DOWN DRAIN: 5 LF
RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 566 LF

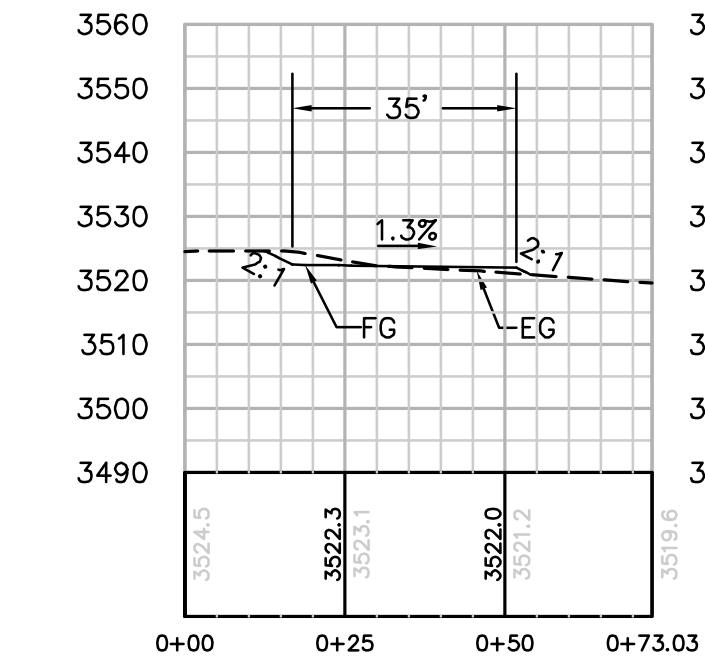
TOWER P-208 PLAN

SCALE: 1" = 30'

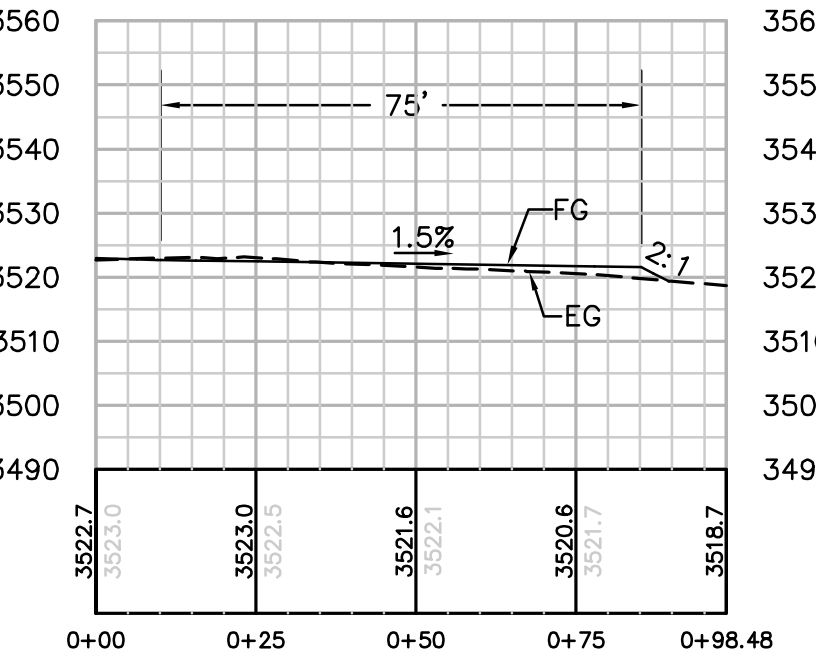


STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-208	500 KV EXMT Lattice Tangent Tower	0.00	151.5

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L5		164.98	S89°07'28"E
L1		114.80	S4°04'50"W
C1	200.00	11.96	3°25'34"
L2		70.89	S0°39'16"W
C2	200.00	45.03	12°54'02"
C3	200.00	61.91	17°44'09"
L3		78.08	S4°10'51"E
C4	110.00	40.55	21°07'14"
L4		24.85	S25°18'05"E

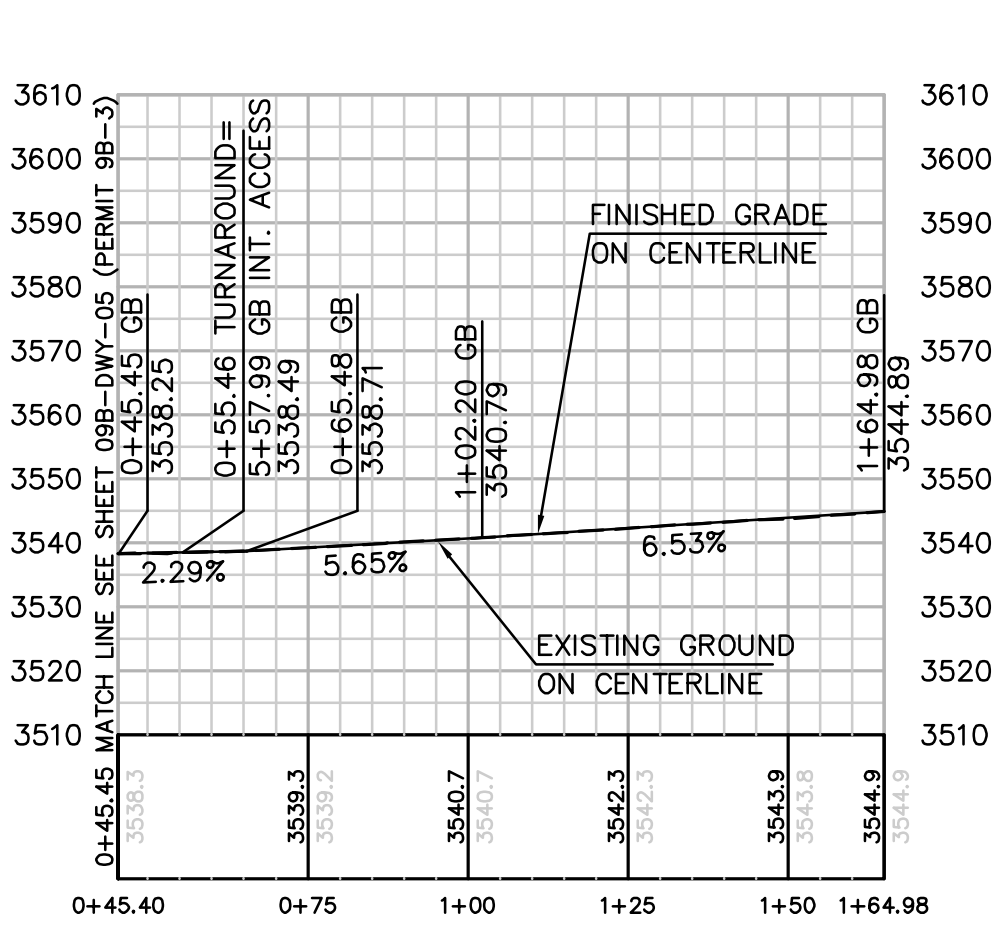


SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



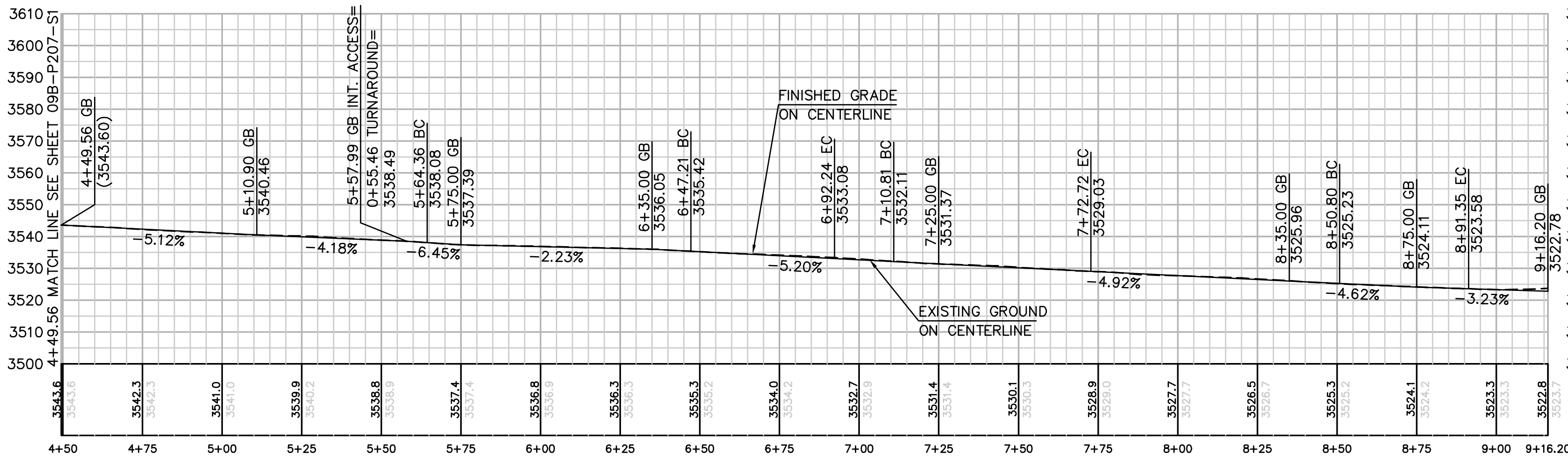
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1830200.36	6558743.93	(3517.88)	P-208
2	1830246.21	6558764.15	3521.89	FG
3	1830231.28	6558732.50	3521.43	FG
4	1830299.06	6558700.45	3522.56	FG
5	1830302.27	6558707.23	3522.65	FG
6	1830306.54	6558716.27	3522.78	CL
7	1830310.81	6558725.31	3522.91	FG
8	1830314.02	6558732.09	3523.01	FG
9	1830324.74	6558696.61	3523.38	FG
10	1830329.01	6558705.65	3523.58	CL/EC
11	1830333.28	6558714.69	3523.78	FG
12	1830367.27	6558685.42	3525.03	FG
13	1830368.00	6558695.39	3525.23	CL/BC
14	1830368.73	6558705.36	3525.43	FG
15	1830445.15	6558679.72	3528.83	FG
16	1830445.88	6558689.70	3529.03	CL/EC
17	1830446.61	6558699.67	3529.23	FG
18	1830509.68	6558685.01	3531.91	FG
19	1830507.33	6558694.74	3532.11	CL/BC
20	1830504.99	6558704.46	3532.31	FG
21	1830527.73	6558689.37	3532.88	FG
22	1830525.39	6558699.09	3533.08	CL/EC
23	1830523.04	6558708.81	3533.28	FG
24	1830570.09	6558694.65	3535.22	FG
25	1830569.98	6558704.65	3535.42	CL/BC
26	1830569.86	6558714.65	3535.62	FG
27	1830640.98	6558695.46	3537.16	FG
28	1830583.78	6558714.80	3536.29	FG
29	1830648.03	6558780.79	3542.41	FG
30	1830647.49	6558815.75	3544.69	FG
31	1830657.49	6558815.90	3544.89	CL
32	1830667.49	6558816.06	3545.09	FG
33	1830667.95	6558785.86	3543.12	FG
34	1830737.57	6558722.02	3542.26	FG
35	1830766.82	6558721.10	(3543.74)	EG
36	1830767.32	6558714.12	(3543.60)	CL
37	1830767.82	6558707.14	(3543.46)	EG
38	1830738.99	6558702.07	3541.96	FG
39	1830653.52	6558695.98	3537.88	FG
43	1830652.81	6558705.95	3538.08	CL/BC
44	1830640.87	6558705.46	3537.36	CL/EC
45	1830583.04	6558779.80		RP
46	1830732.95	6558786.86		RP
47	1830659.16	6558706.40	3538.49	CL/INT



PROFILE: TURNAROUND

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



PROFILE: ACCESS ROAD TO TOWER P-208

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

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

SITE P-208

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

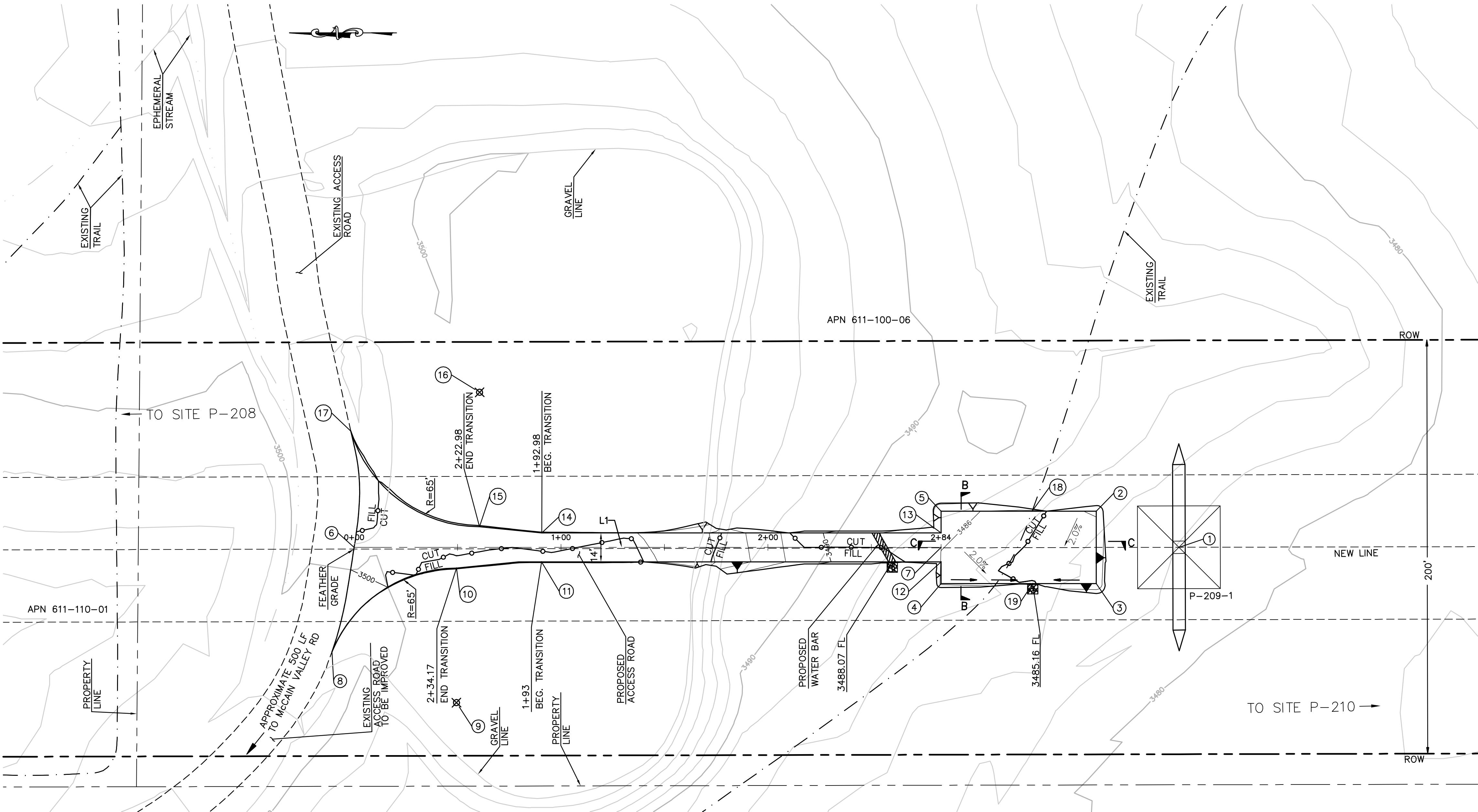
09B-P208-S1



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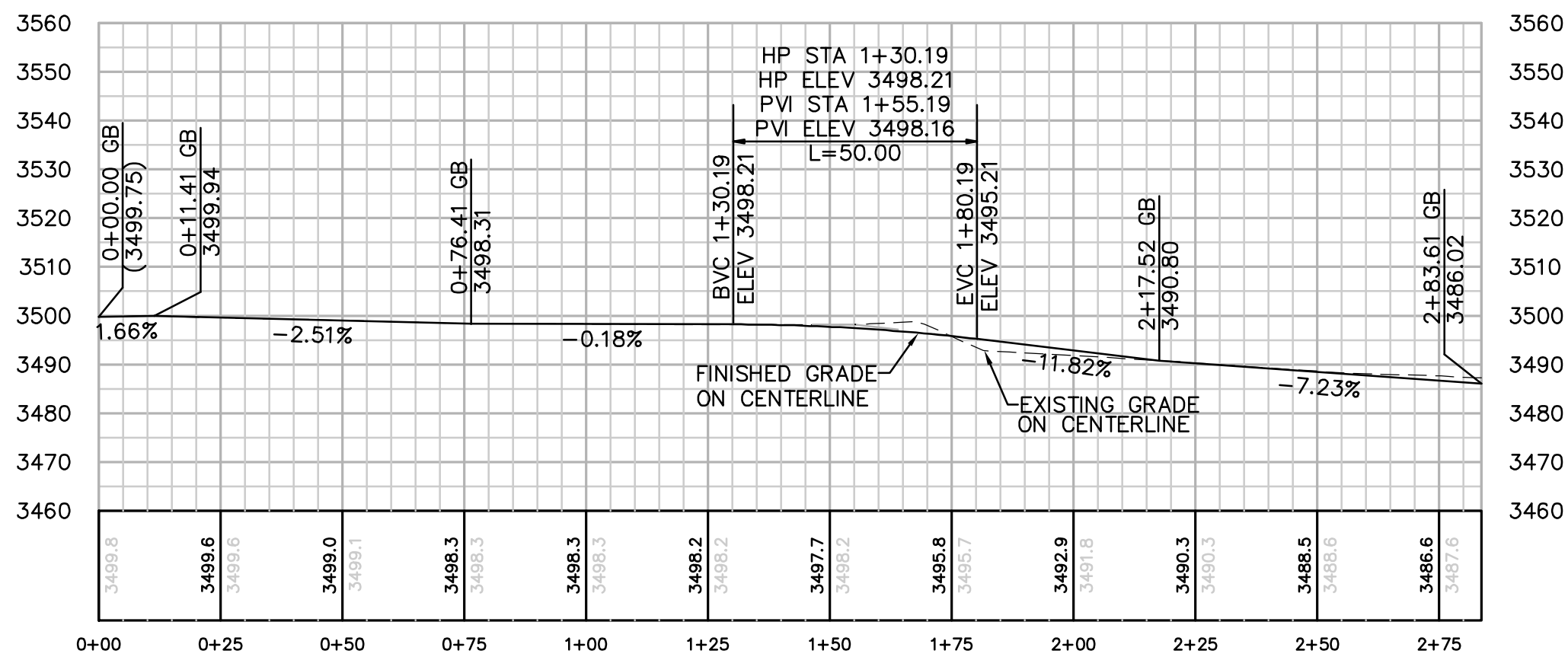
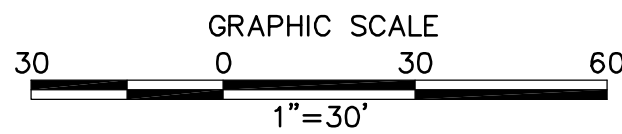
EARTH QUANTITIES:
CUT: 97 CY.
FILL: 89 CY.
NET: 8 CY.

DISTURBED AREA:
PAD: 3,180 SF
ROAD: 6,076 SF
TOTAL: 9,256 SF

QUANTITIES:
RIP RAP: 50 SF

LENGTH OF ACCESS ROAD: 284 LF

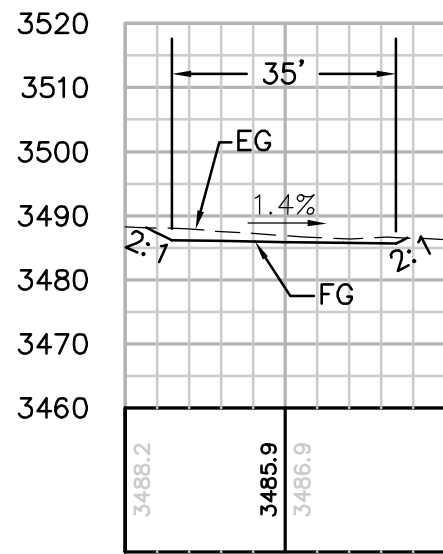
TOWER P-209-1 PLAN
SCALE: 1" = 30'



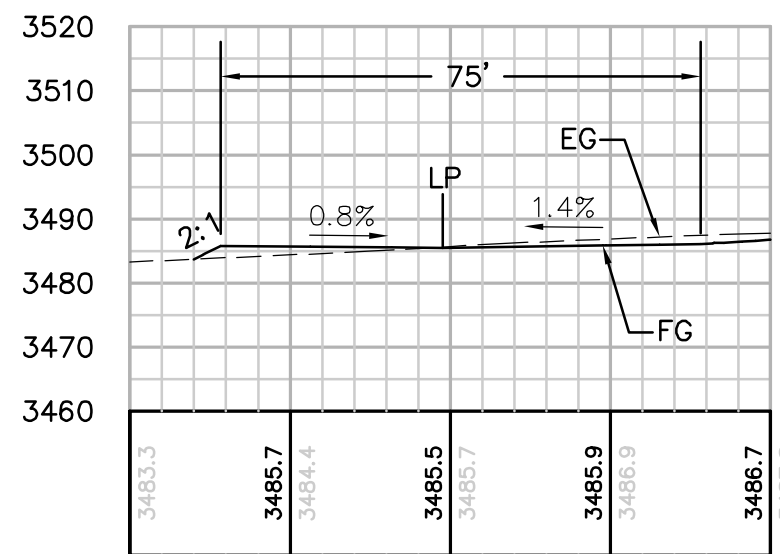
PROFILE: ACCESS ROAD TO TOWER P-209-1
HORIZ. & VERT. SCALE: 1" = 30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-209-1	500 KV EXMT Lattice Tangent Tower	0.00	154.50

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		283.61	S01°00'00"W

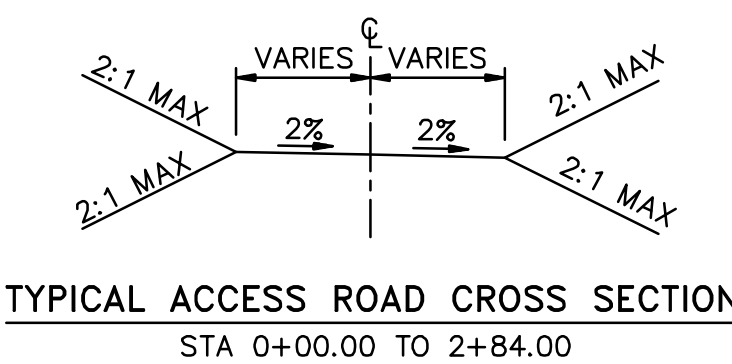


SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1828977.27	6558725.24	(3483.60)	P-209-1
2	1829016.96	6558743.35	3486.05	FG
3	1829017.57	6558708.35	3485.42	FG
4	1829092.56	6558709.66	3485.78	FG
5	1829091.95	6558744.66	3486.27	FG
6	1829375.82	6558732.11	(3499.75)	CL
7	1829092.25	6558727.16	3486.02	CL
8	1829387.44	6558681.88	(3500.96)	BC
9	1829327.70	6558656.26		RP
10	1829326.56	6558721.25	3499.17	EC
11	1829285.34	6558723.53	3498.42	FG
12	1829092.38	6558720.16	3485.92	FG
13	1829092.13	6558734.16	3486.12	FG
14	1829285.08	6558737.53	3498.14	FG
15	1829315.03	6558741.05	3498.53	BC
16	1829313.89	6558806.04		RP
17	1829376.44	6558788.36	(3498.86)	EC
18	1829047.94	6558743.89	3485.79	FG
19	1829048.25	6558708.90	3485.16	FL



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-9B (LINK 1)
SITE P-209-1

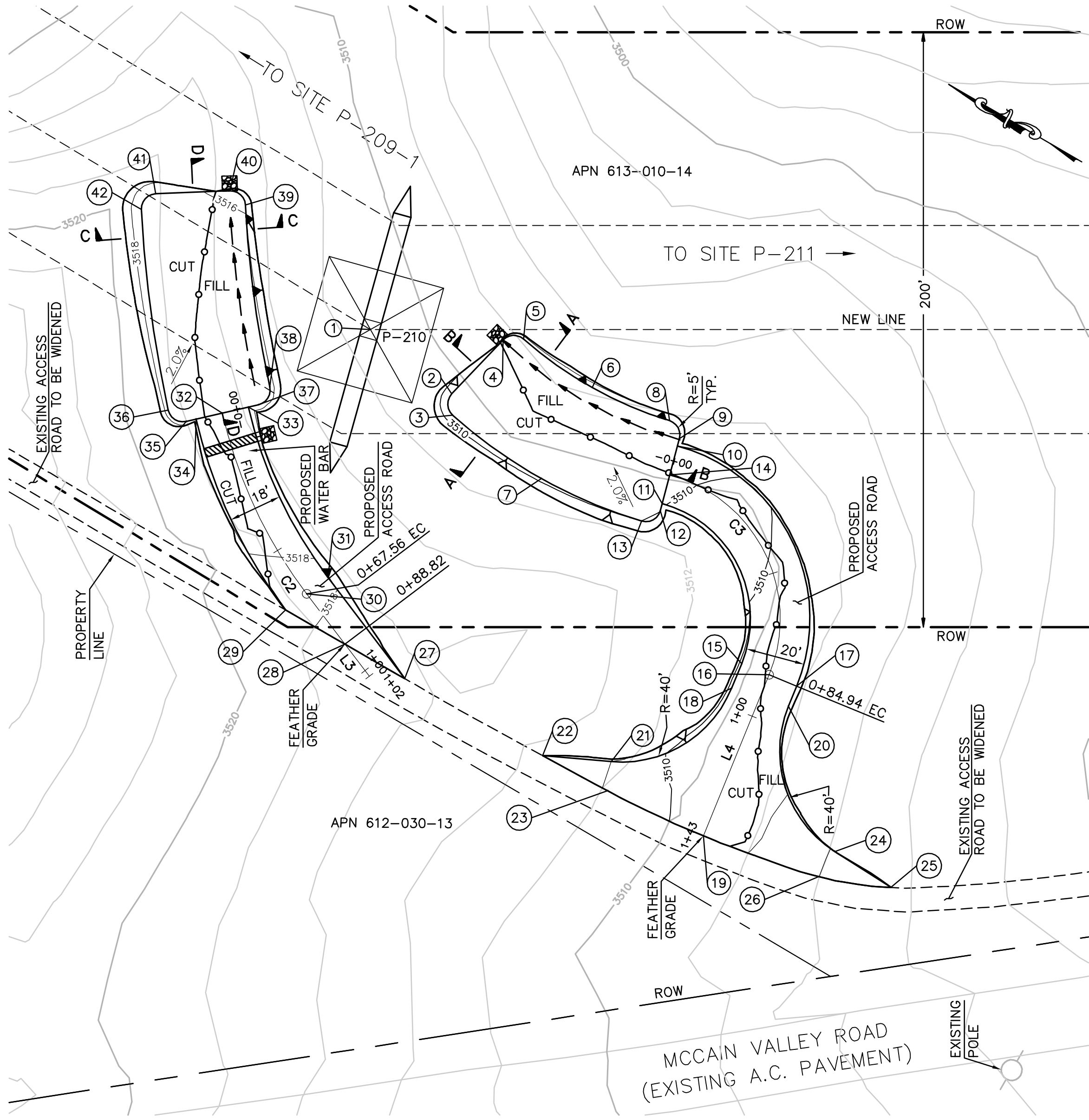
DRAWN BY: 00	DATE:	SCALE: 1" = 30' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P209-1-S1



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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-210	500 EXMD Lattice Dead-end Tower	-31.14	117.75

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	160.00	67.56	24°11'37"
L3		34.84	S22°33'11"W
C3	50.00	84.94	97°20'03"
L4		58.48	S81°57'32"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1827579.89	6558703.88	(3511.69)	P-210
2	1827545.36	6558699.01	3508.68	FG
3	1827541.49	6558692.97	3508.81	FG
4	1827539.62	6558723.36	3508.50	FG
5	1827533.78	6558727.12	3508.55	FG
6	1827505.64	6558724.62	3509.05	FG
7	1827505.00	6558689.63	3509.45	FG
8	1827477.61	6558728.15	3509.47	FG
9	1827471.64	6558724.61	3509.61	FG
10	1827470.95	6558722.11	3509.65	FG
11	1827465.65	6558702.82	3509.96	FG
12	1827465.01	6558700.49	3509.99	FG
13	1827468.65	6558694.30	3510.00	FG
14	1827468.30	6558712.47	3509.80	CL/FG
15	1827415.44	6558669.85	3509.61	FG
16	1827405.53	6558671.25	3509.41	CL/EC/FG
17	1827395.63	6558672.65	3509.20	FG
18	1827414.19	6558661.02	3509.47	FG
19	1827397.35	6558613.35	(3509.09)	CL/BC/FG
20	1827394.61	6558665.43	3509.10	FG
21	1827436.74	6558619.25	3512.00	FG

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
22	1827457.64	6558609.39	(3513.55)	EG
23	1827432.80	6558610.19	(3511.80)	EG
24	1827356.50	6558631.05	3505.81	FG
25	1827334.11	6558630.19	(3504.40)	EG
26	1827356.94	6558621.06	(3506.02)	EG
27	1827510.83	6558608.36	(3516.48)	EG
28	1827534.00	6558608.23	(3517.46)	EG
29	1827557.08	6558608.08	(3518.59)	EG
30	1827553.63	6558616.39	3518.41	CL/EC/FG
31	1827550.18	6558624.70	3518.23	FG
32	1827608.78	6558654.50	3517.26	CL/FG
33	1827602.24	6558660.68	3517.15	FG
34	1827615.35	6558648.35	3517.38	FG
35	1827617.88	6558645.97	3517.42	FG
36	1827624.99	6558646.23	3517.41	FG
37	1827599.67	6558663.10	3517.10	FG
38	1827599.41	6558670.12	3516.96	FG
39	1827637.35	6558718.89	3515.95	FG
40	1827644.22	6558720.36	3515.91	FG
41	1827665.30	6558706.92	3516.16	FG
42	1827666.80	6558699.97	3516.30	FG

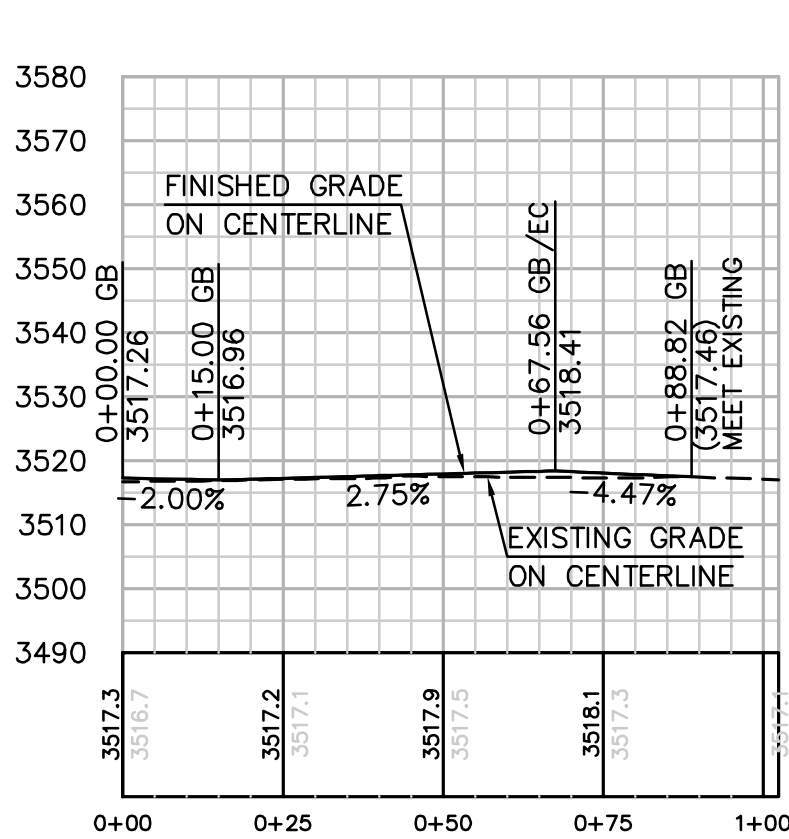
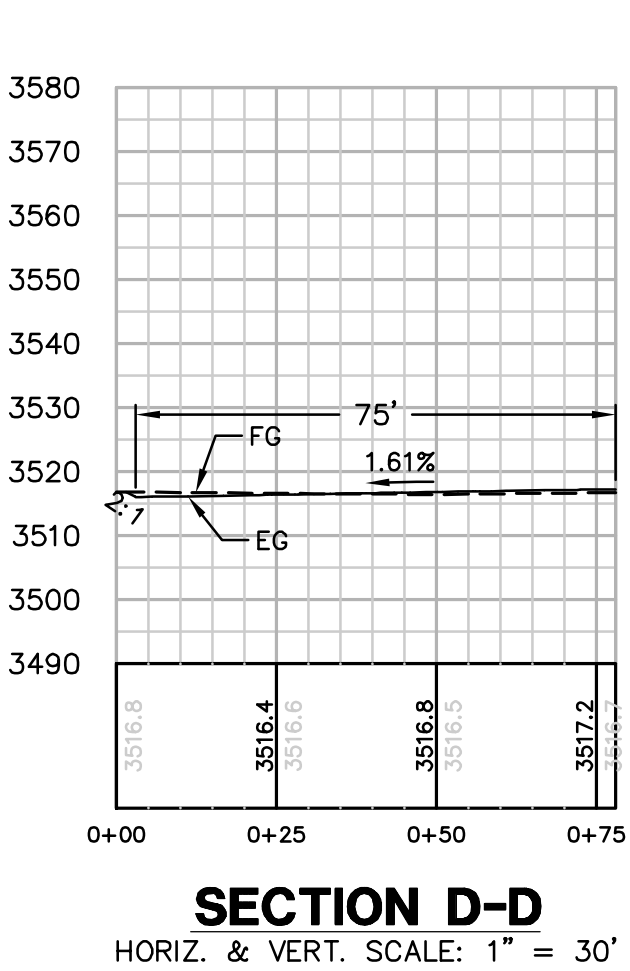
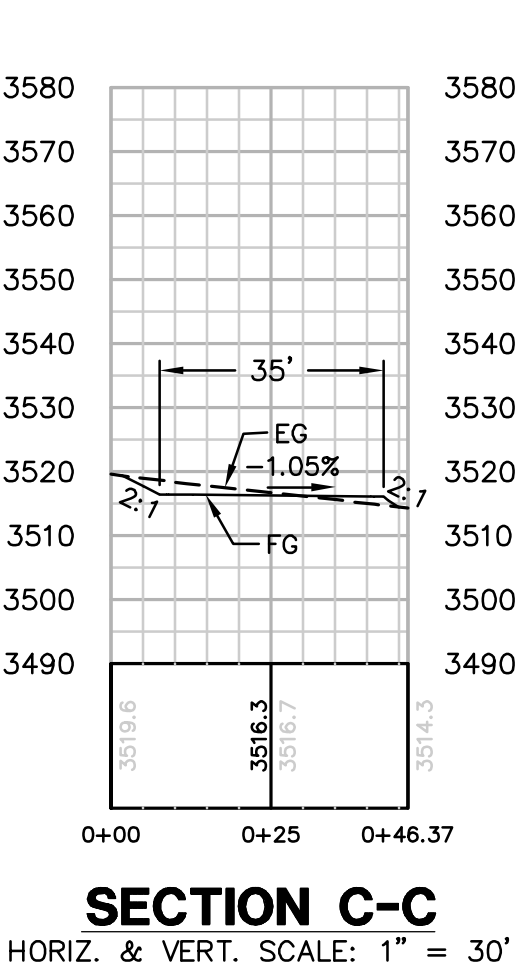
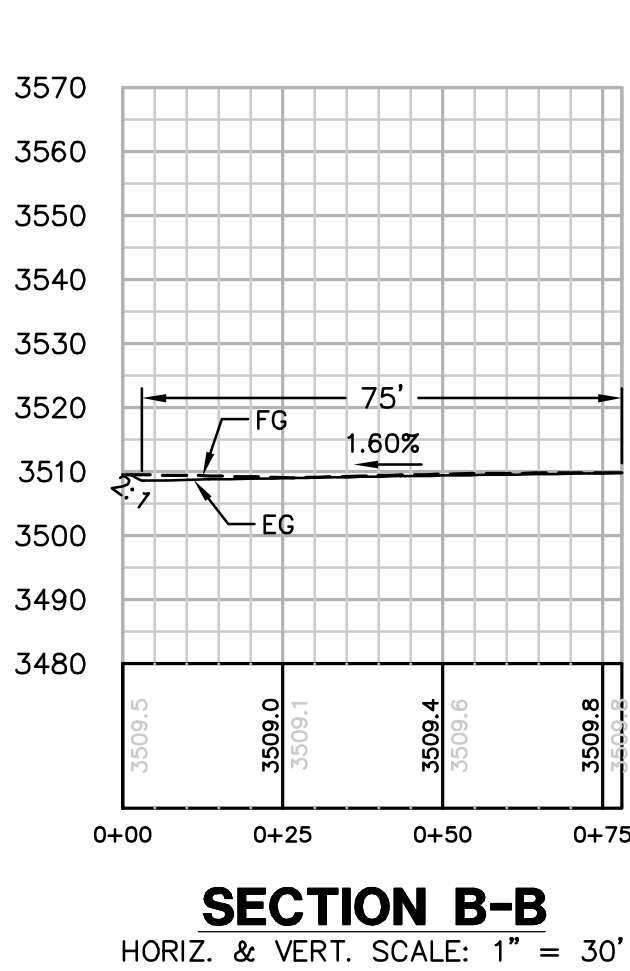
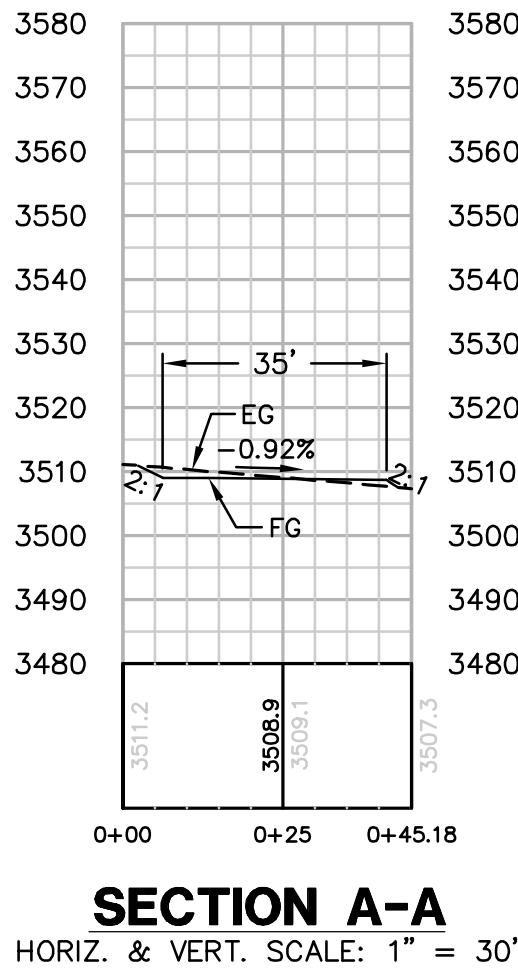
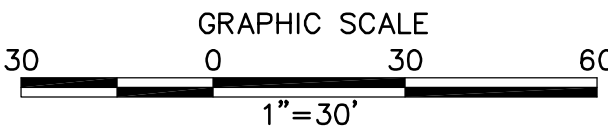
EARTH QUANTITIES:
CUT: 163 CY.
FILL: 129 CY.
NET: 34 CY.

DISTURBED AREA:
PAD: 6,511 SF
ROAD: 6,551 SF
TOTAL: 13,062 SF

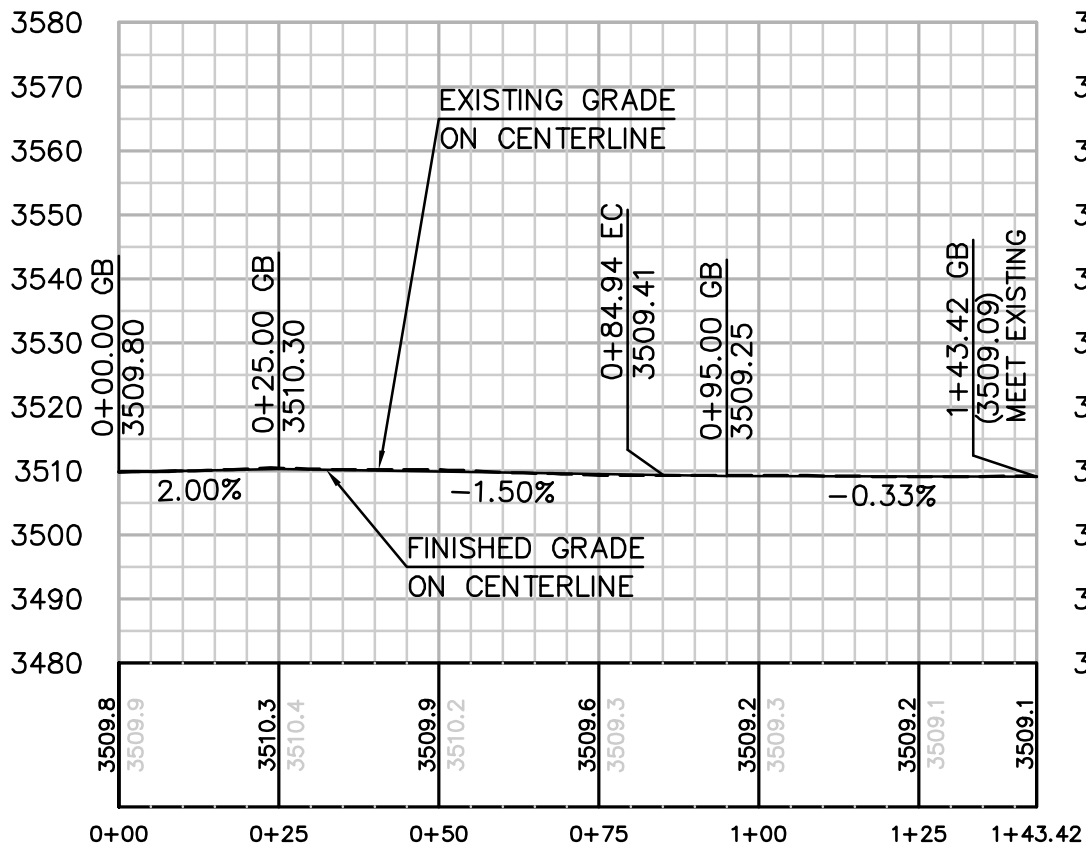
QUANTITIES:
DOWN DRAIN: 2 LF
RIP RAP: 75 SF

LENGTH OF ACCESS ROAD: 245 LF

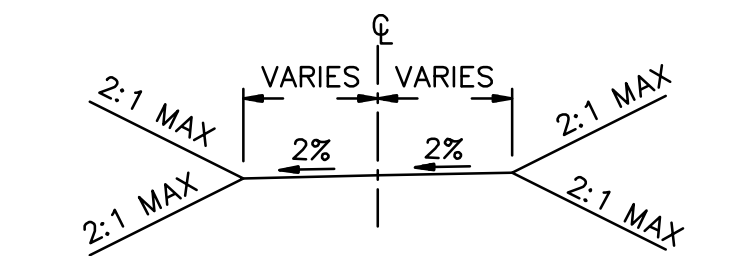
TOWER P-210 PLAN
SCALE: 1" = 30'



PROFILE: NORTH ACCESS ROAD TO TOWER P-210
HORIZ. & VERT. SCALE: 1" = 30'



PROFILE: SOUTH ACCESS ROAD TO TOWER P-210
HORIZ. & VERT. SCALE: 1" = 30'



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 0+88.82
STA 0+00.00 TO 1+43.42

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-9B (LINK 1)
SITE P-210

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

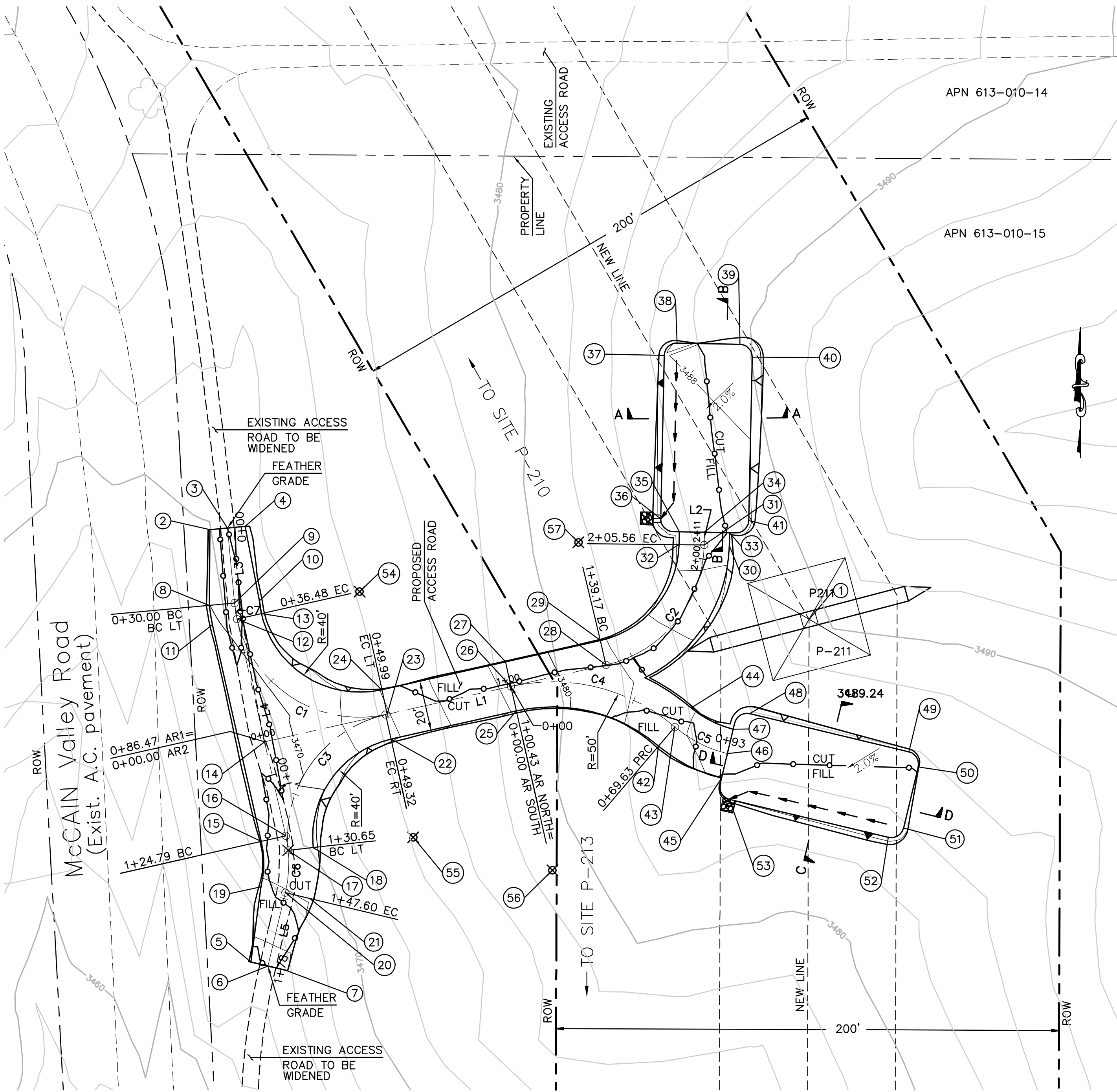
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\\P16919 SDG&E SPL\CADD\09B\dwg\Plans\09B-P211-S1.dwg[May-26-2010]111

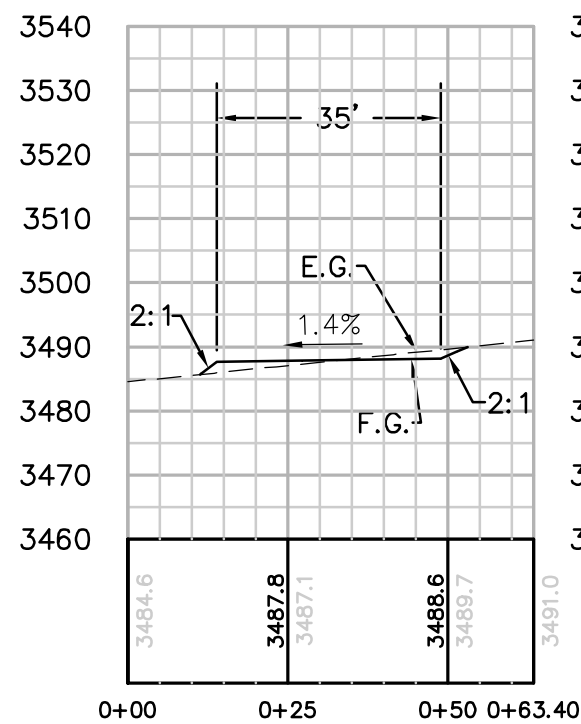
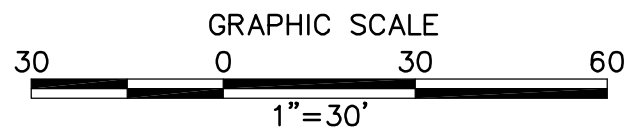


EARTH QUANTITIES:
CUT: 163 CY
FILL: 138 CY
NET: 25 CY

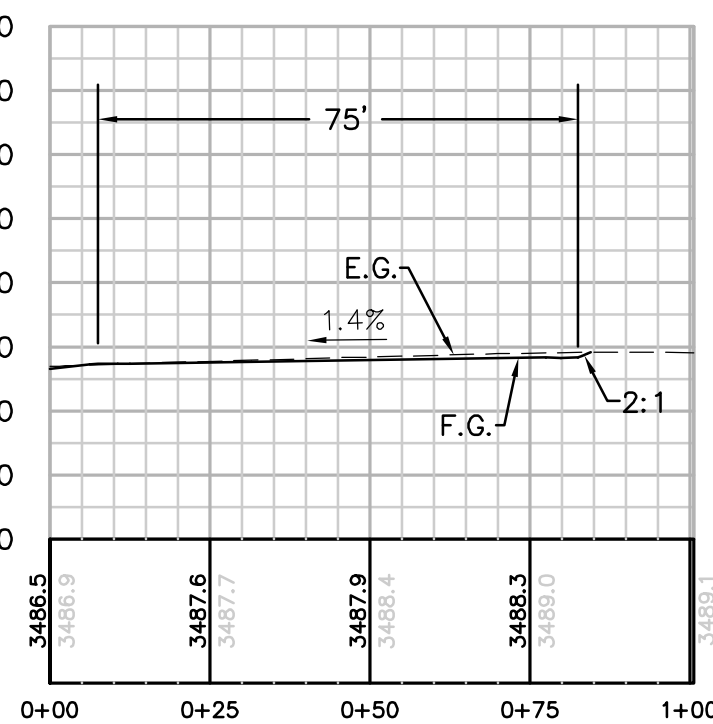
DISTURBED AREA:
PAD: 6,217 SF
ROAD: 10,033 SF
TOTAL: 16,250 SF

QUANTITIES:
DOWN DRAIN: 3 LF
RIP RAP: 50 SF
LENGTH OF ACCESS ROAD: 477 LF

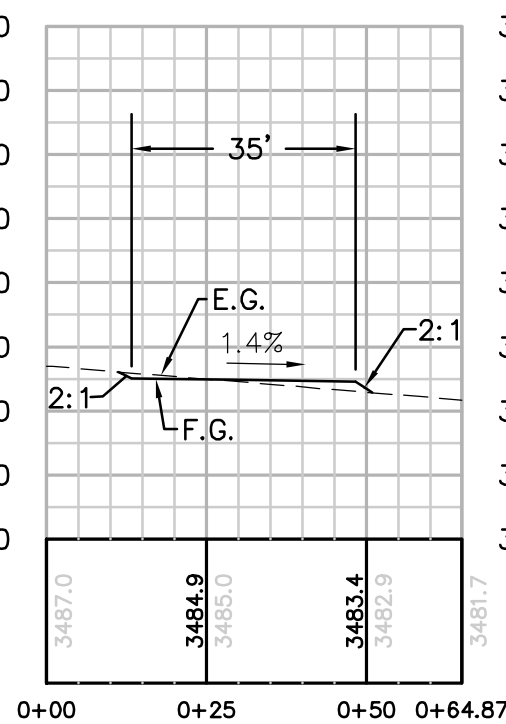
TOWER P-211 PLAN
SCALE: 1" = 30'



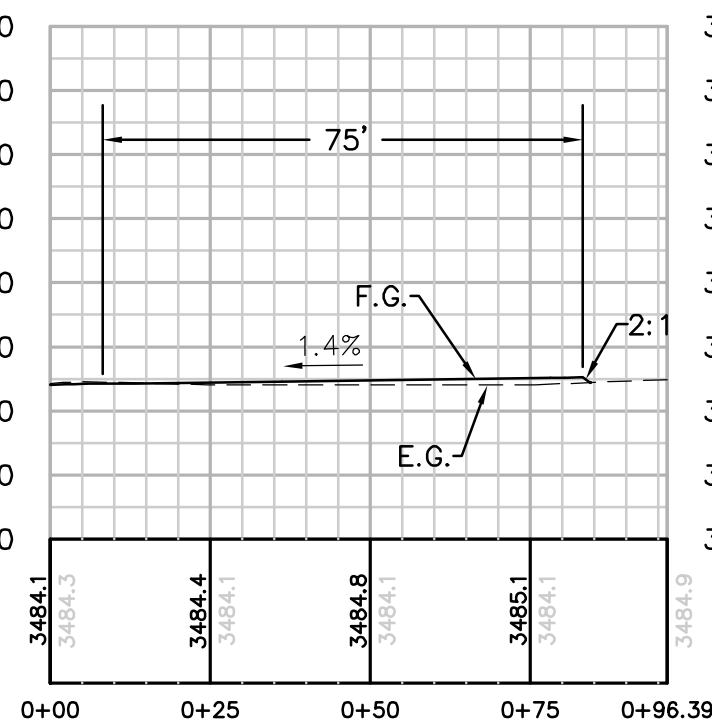
SECTION A-A
HORIZ. & VERT. SCALE: 1" = 30'



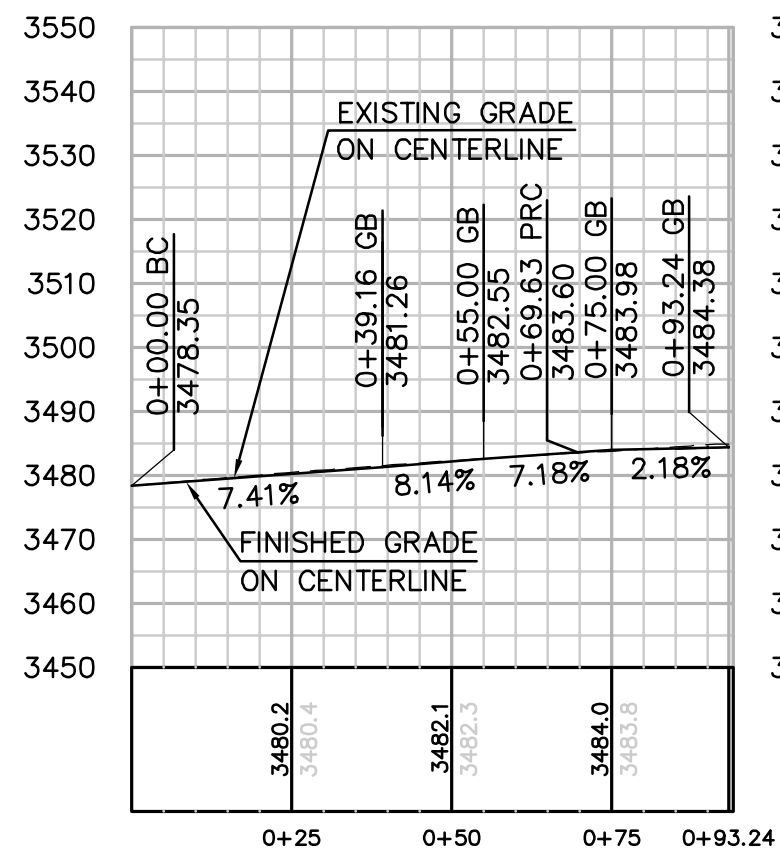
SECTION B-B
HORIZ. & VERT. SCALE: 1" = 30'



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

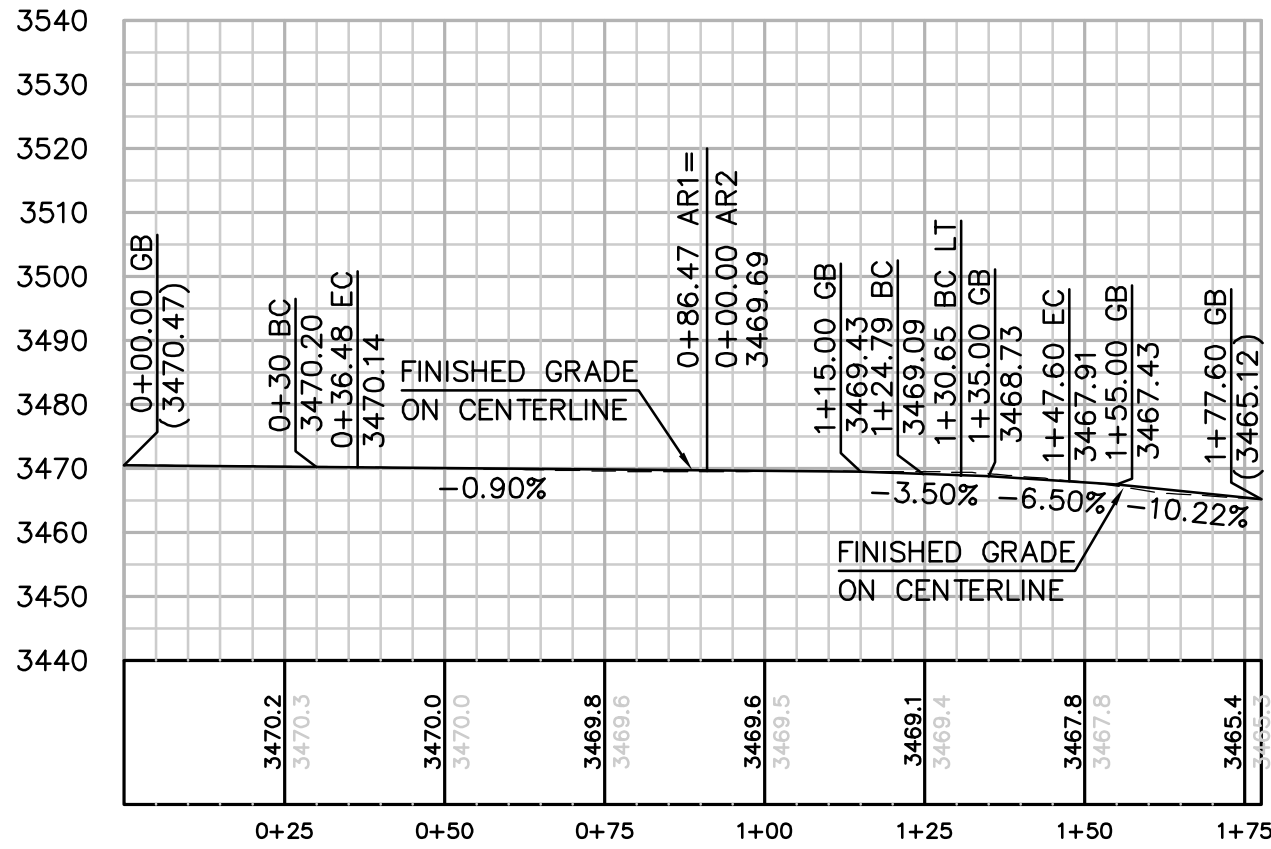


SECTION D-D
HORIZ. & VERT. SCALE: 1" = 30'



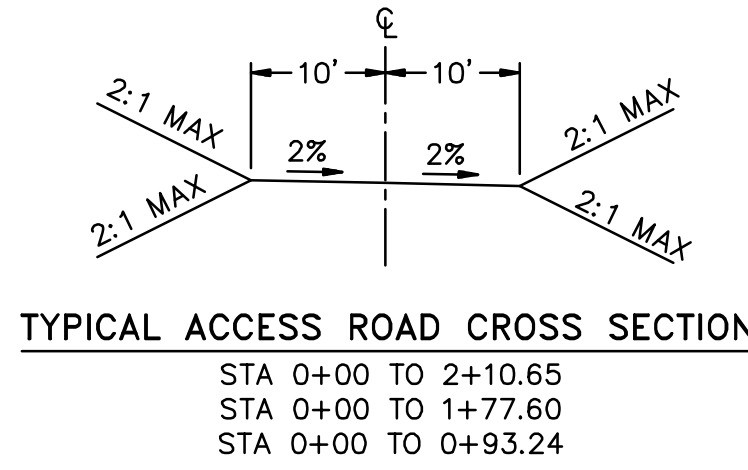
PROFILE: SOUTH ACCESS ROAD TO TOWER P-211
HORIZ. & VERT. SCALE: 1" = 30'

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-211	500 KV EXMD Lattice Dead-end Tower	30.48	132.75



PROFILE: EXIST. ACCESS ROAD TO BE IMPROVED
HORIZ. & VERT. SCALE: 1" = 30'

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	50.00	85.01	97°24'54"
C2	50.00	66.39	76°04'12"
C3	50.00	72.69	83°17'42"
C4	75.00	69.63	53°11'26"
C5	50.00	23.62	27°03'47"
C6	50.00	22.81	26°08'32"
C7	50.00	6.48	7°25'29"
L1		139.17	S77°18'31"W
L2		5.09	N1°14'19"E
L3		30.00	S5°16'35"E
L4		88.31	S12°42'04"E
L5		30.00	S13°26'28"W



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00 TO 2+10.65
STA 0+00 TO 1+77.60
STA 0+00 TO 0+93.24

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1826629.25	6559258.64	(3489.04)	P-211
2	1826664.88	6559020.39	(3469.95)	EG
3	1826665.52	6559027.36	(3470.47)	CL
4	1826666.17	6559034.34	(3471.24)	EG
5	1826492.94	6559036.62	(3465.34)	EG
6	1826491.31	6559043.43	(3465.12)	CL
7	1826489.69	6559050.24	(3465.65)	EG
8	1826634.73	6559020.17	3470.00	FG
9	1826635.65	6559030.12	3470.20	CL/BC
10	1826636.57	6559040.08	3470.40	FG
11	1826627.06	6559021.38	3469.94	FG
12	1826629.25	6559031.14	3470.14	CL/EC
13	1826631.45	6559040.89	3470.34	FG
14	1826580.49	6559042.13	3469.69	CL/INT
15	1826540.91	6559040.80	3468.89	FG
16	1826543.11	6559050.55	3469.09	CL/BC
17	1826537.33	6559051.50	3468.88	CL/EC
18	1826538.37	6559061.45	3469.10	FG
19	1826522.82	6559040.68	3467.71	FG
20	1826520.49	6559050.40	3467.91	CL/EC
21	1826518.17	6559060.13	3468.11	FG
22	1826581.57	6559092.44	3473.69	FG
23	1826591.47	6559090.90	3473.89	CL/EC
24	1826601.23	6559088.70	3474.09	FG
25	1826592.80	6559142.30	3478.15	FG
26	1826602.55	6559140.11	3478.35	CL/BC/INT
27	1826612.31	6559137.91	3478.55	FG
28	1826611.06	6559177.90	3481.56	CL/BC
29	1826620.82	6559175.70	3481.76	FG
30	1826658.54	6559226.90	3486.87	FG
31	1826658.76	6559216.90	3486.87	CL/EC
32	1826658.98	6559206.90	3486.75	FG
33	1826663.63	6559227.01	3487.38	FG
34	1826663.85	6559217.01	3487.24	CL/FG
35	1826664.07	6559207.01	3487.09	FG
36	1826669.23	6559199.62	3486.82	FG
37	1826734.21	6559201.03	3487.73	FG
38	1826739.10	6559206.14	3487.87	FG
39	1826738.56	6559231.13	3488.22	FG
40	1826733.46	6559236.02	3488.22	FG
41	1826668.47	6559234.62	3487.31	FG
42	1826578.81	6559198.80	3483.40	FG
43	1826586.41	6559205.29	3483.60	CL/PRC
44	1826594.02	6559211.79	3483.80	FG
45	1826566.08	6559223.82	3483.86	FG
46	1826575.80	6559226.14	3484.38	CL/FG
47	1826585.53	6559228.47	3484.14	FG
48	1826591.66	6559235.07	3484.31	FG
49	1826576.56	6559298.29	3485.22	FG
50	1826570.53	6559302.00	3485.22	FG
51	1826546.22	6559296.19	3484.87	FG
52	1826542.52	6559290.16	3484.73	FG
53	1826557.62	6559226.94	3483.82	FG
54	1826640.25	6559079.91		RP
55	1826542.54	6559101.23		RP
56	1826529.38	6559156.58		RP
57	1826659.84	6559166.91		RP

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
SITE P-211

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

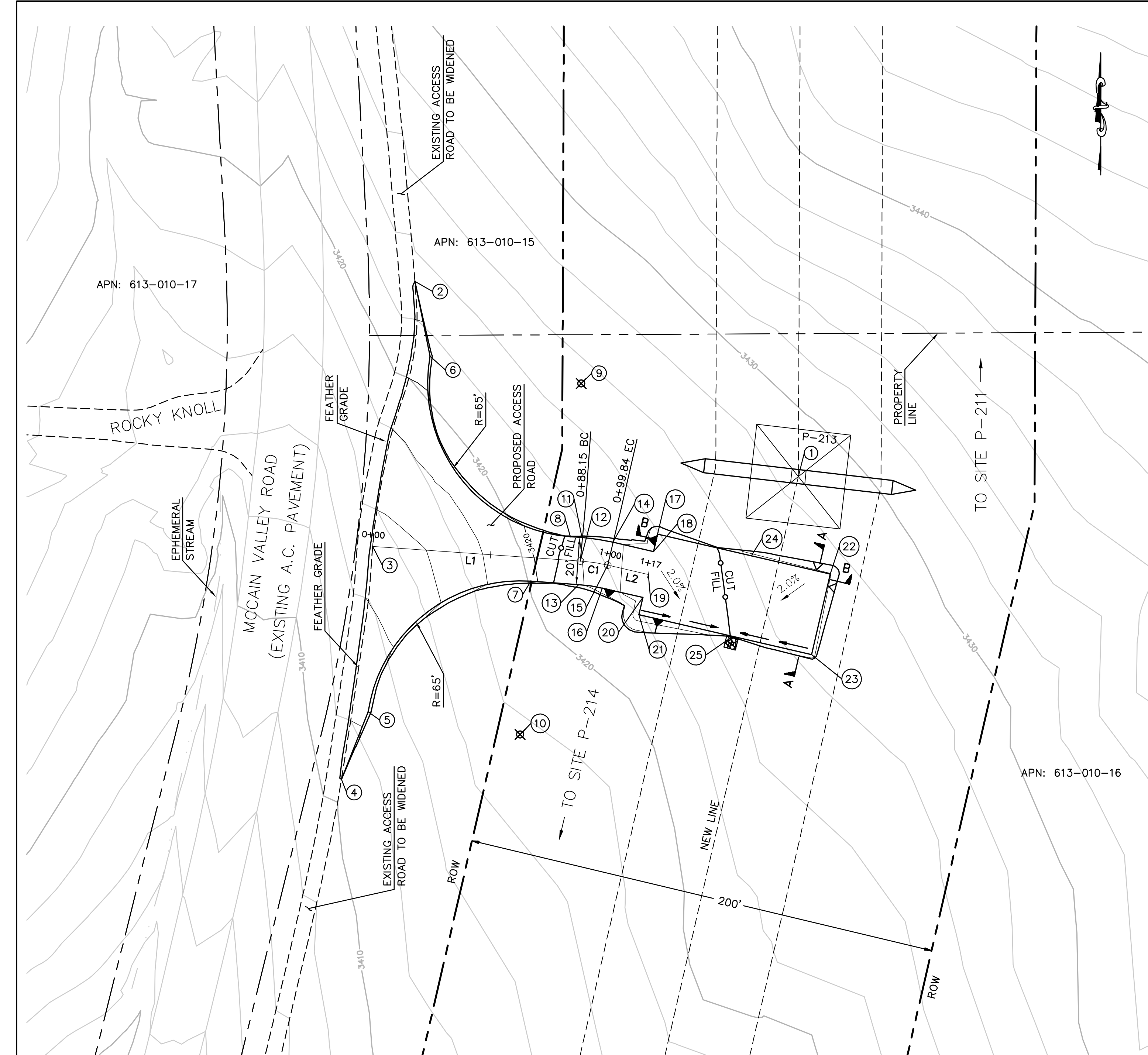
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\\P16919 SDG&E SPL\CADD\09B\dwg\plans\09B-P213-S1.dwg[May-26-2010]11:12



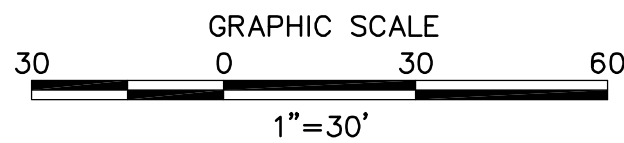
EARTH QUANTITIES: CUT: 123 CY
FILL: 110 CY
NET: 13 CY

DISTURBED AREA: PAD: 3,422 SF
ROAD: 5,616 SF
TOTAL: 9,038 SF

QUANTITIES: RIP RAP: 25 SF

LENGTH OF ACCESS ROAD: 117 LF

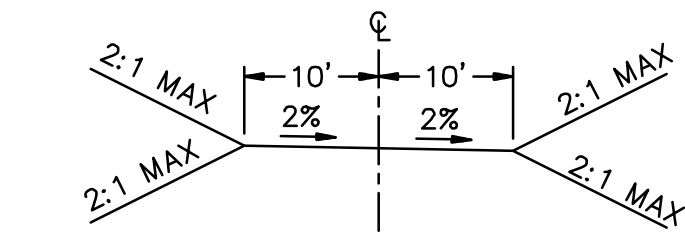
TOWER P-213 PLAN
SCALE: 1" = 30'



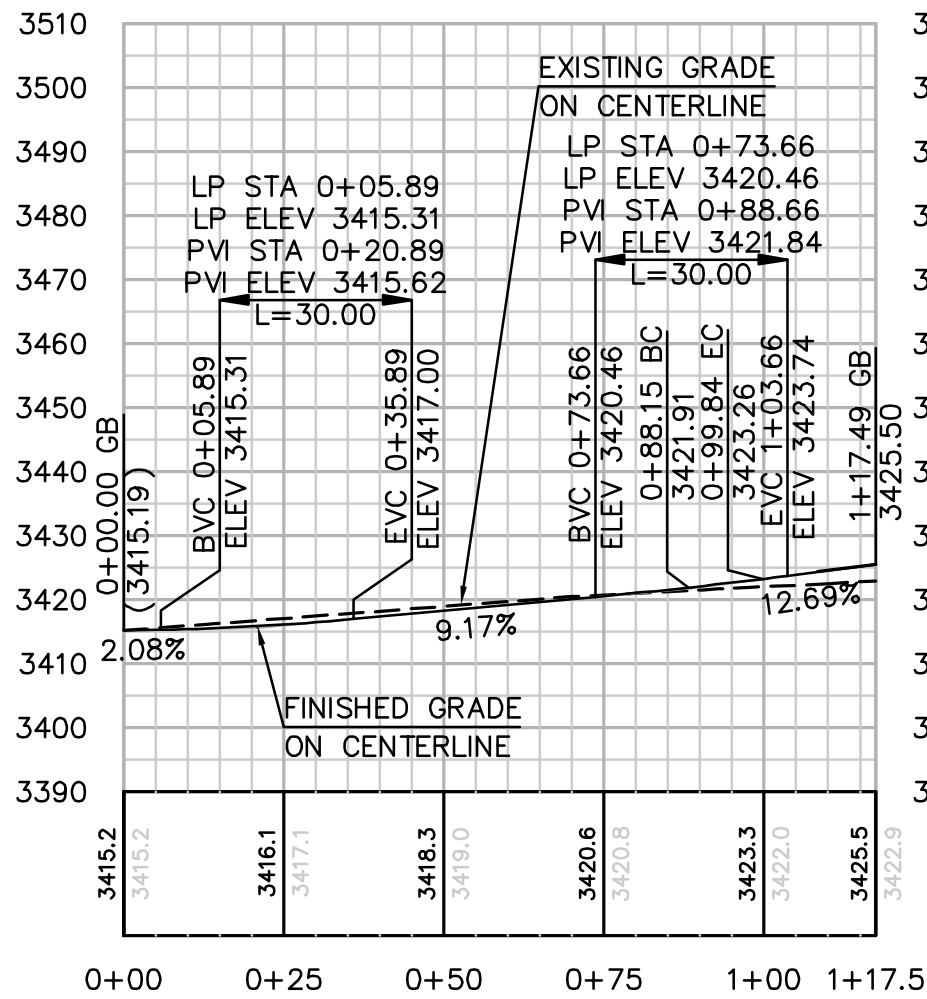
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-213	500 KV EXMA Lattice Angle Tower	12.76	154.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1825411.34	6559254.02	(3429.29)	P-213
2	1825493.98	6559091.69	(3423.07)	FG
3	1825381.82	6559073.82	(3415.19)	CL/FG
4	1825283.17	6559060.62	(3410.55)	FG
5	1825311.81	6559071.95	3412.34	BC
6	1825462.29	6559098.14	3420.98	BC
7	1825367.04	6559140.83	3419.74	EC
8	1825385.91	6559157.51	3421.62	EC
9	1825450.75	6559162.11		RP
10	1825302.20	6559136.24		RP
11	1825385.56	6559162.45	3422.11	BC
12	1825375.58	6559161.75	3421.91	CL/BC
13	1825365.61	6559161.04	3421.71	BC
14	1825383.60	6559175.54	3423.44	EC
15	1825373.85	6559173.29	3423.26	CL/EC
16	1825364.11	6559171.05	3423.04	EC
17	1825386.94	6559194.43	3425.77	FG
18	1825379.63	6559192.74	3425.67	FG
19	1825369.89	6559190.49	3425.50	CL
20	1825360.14	6559188.25	3425.40	FG
21	1825352.84	6559186.56	3425.30	FG
22	1825370.09	6559267.51	3425.84	FG
23	1825335.99	6559259.65	3425.29	FG
24	1825377.80	6559234.08	3425.54	FG
25	1825343.69	6559226.25	3424.61	FL

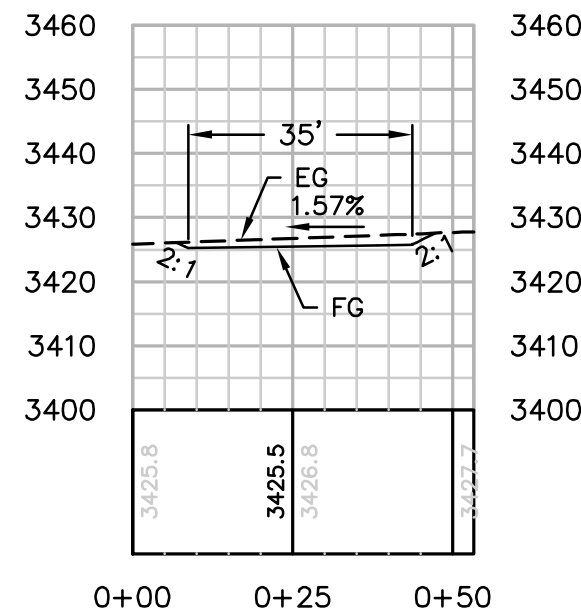
CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
L1		88.15	S85°56'44"E
C1	75.00	11.69	8°55'38"
L2		17.65	S77°01'06"E



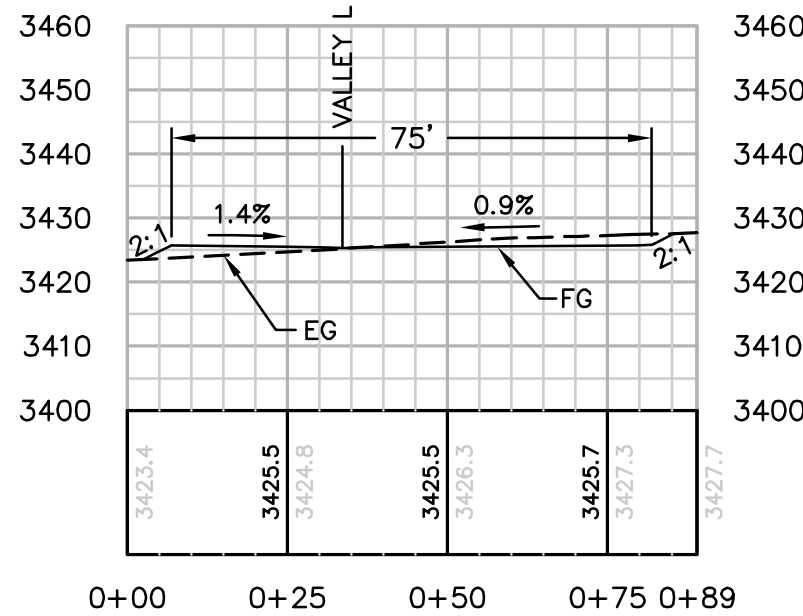
TYPICAL ACCESS ROAD CROSS SECTION
STA 0+88.15 TO 1+17.49



PROFILE: ACCESS ROAD TO TOWER P-213
HORIZ. & VERT. SCALE: 1" = 30'



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



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

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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SITE P-213

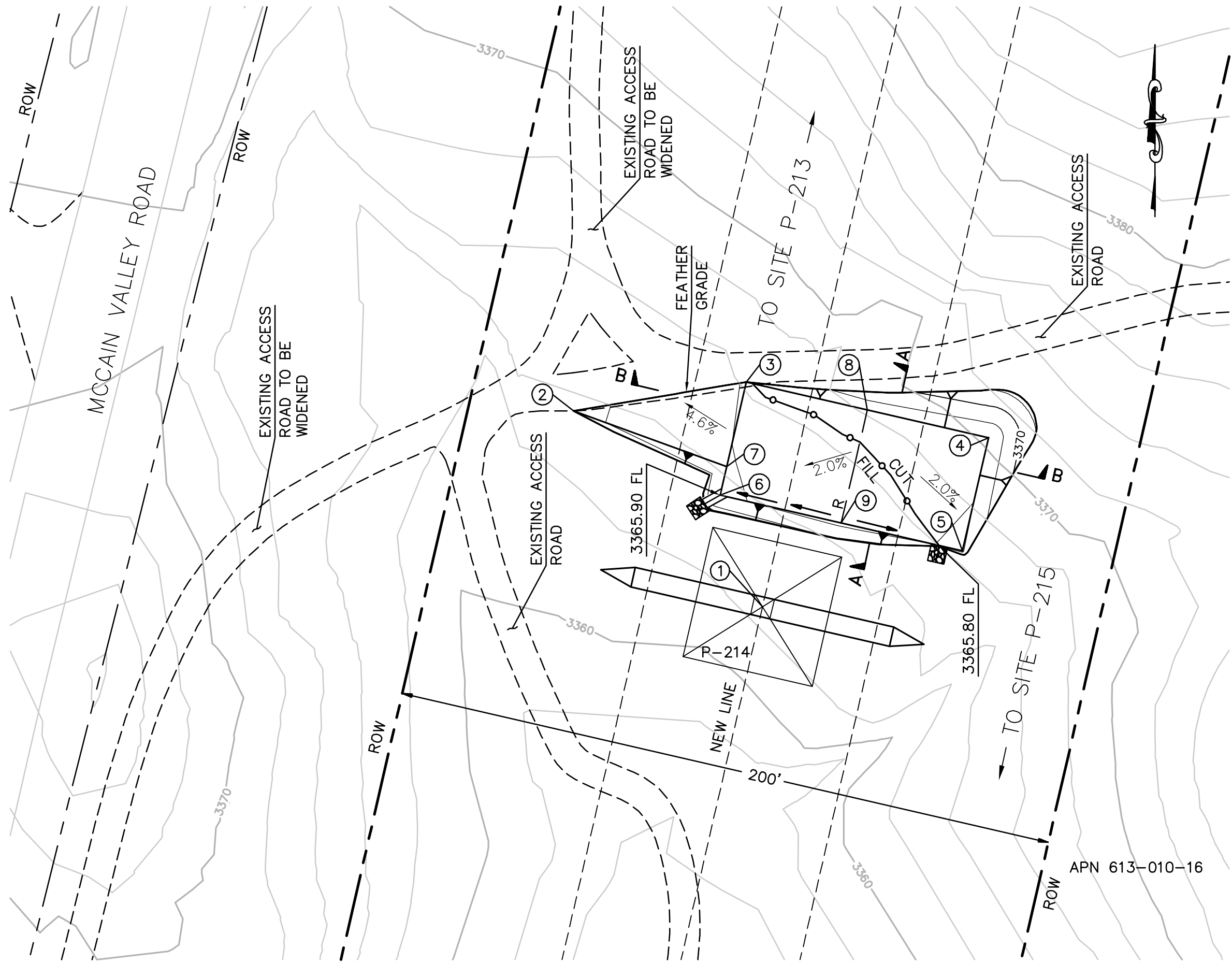
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1 = 1			

09B-P213-S1



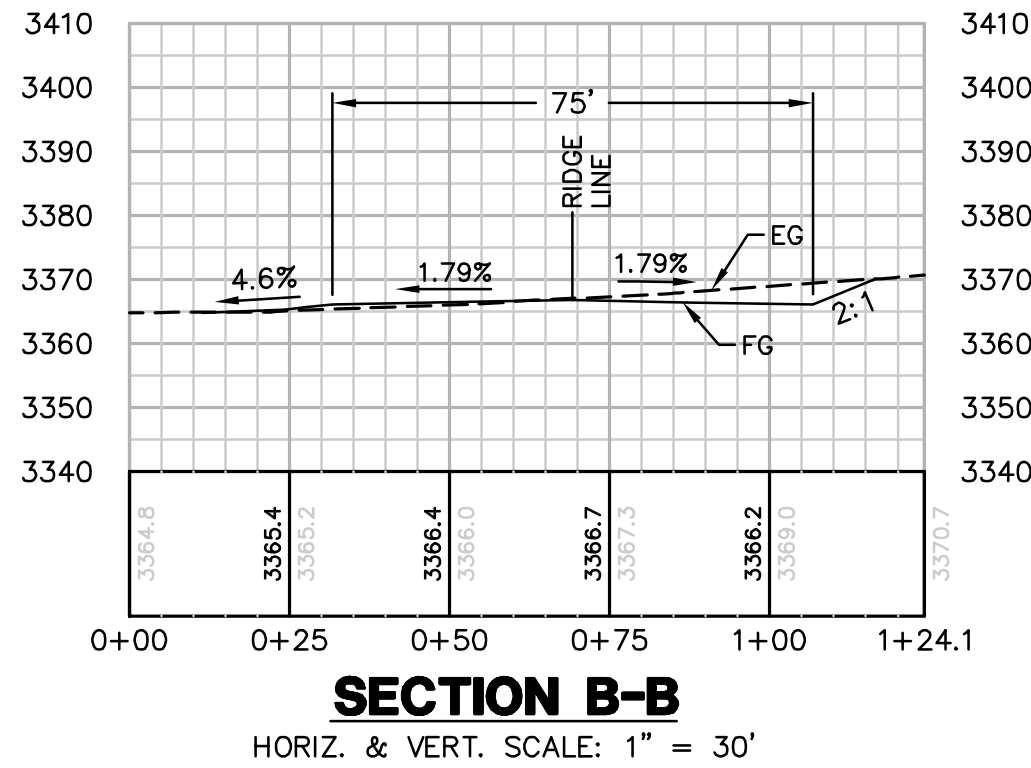
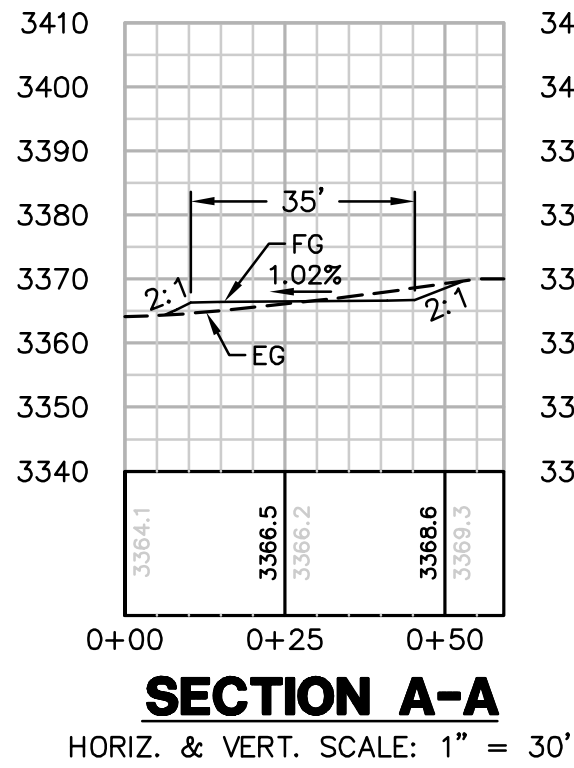
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San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-214	500 KV EXMT- Lattice Tangent Tower	0.00	151.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1824336.28	6559006.19	(3362.07)	P-214
2	1824395.32	6558949.26	(3363.49)	FG
3	1824404.11	6559001.30	3366.17	FG
4	1824387.26	6559074.38	3366.20	FG
5	1824353.16	6559066.52	3365.85	FG
6	1824370.01	6558993.44	3365.85	FG
7	1824378.59	6558995.42	3365.94	FG
8	1824395.69	6559037.84	3366.87	FG
9	1824361.58	6559029.98	3366.52	FG

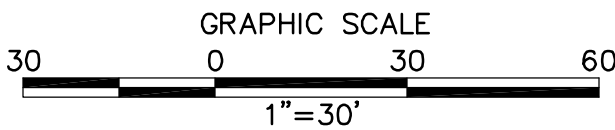


EARTH QUANTITIES:
CUT: 99 CY
FILL: 90 CY
NET: 9 CY

DISTURBED AREA:
PAD: 3,640 SF
ROAD: 650 SF
TOTAL: 4,290 SF

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

TOWER P-214 PLAN
SCALE: 1" = 30'

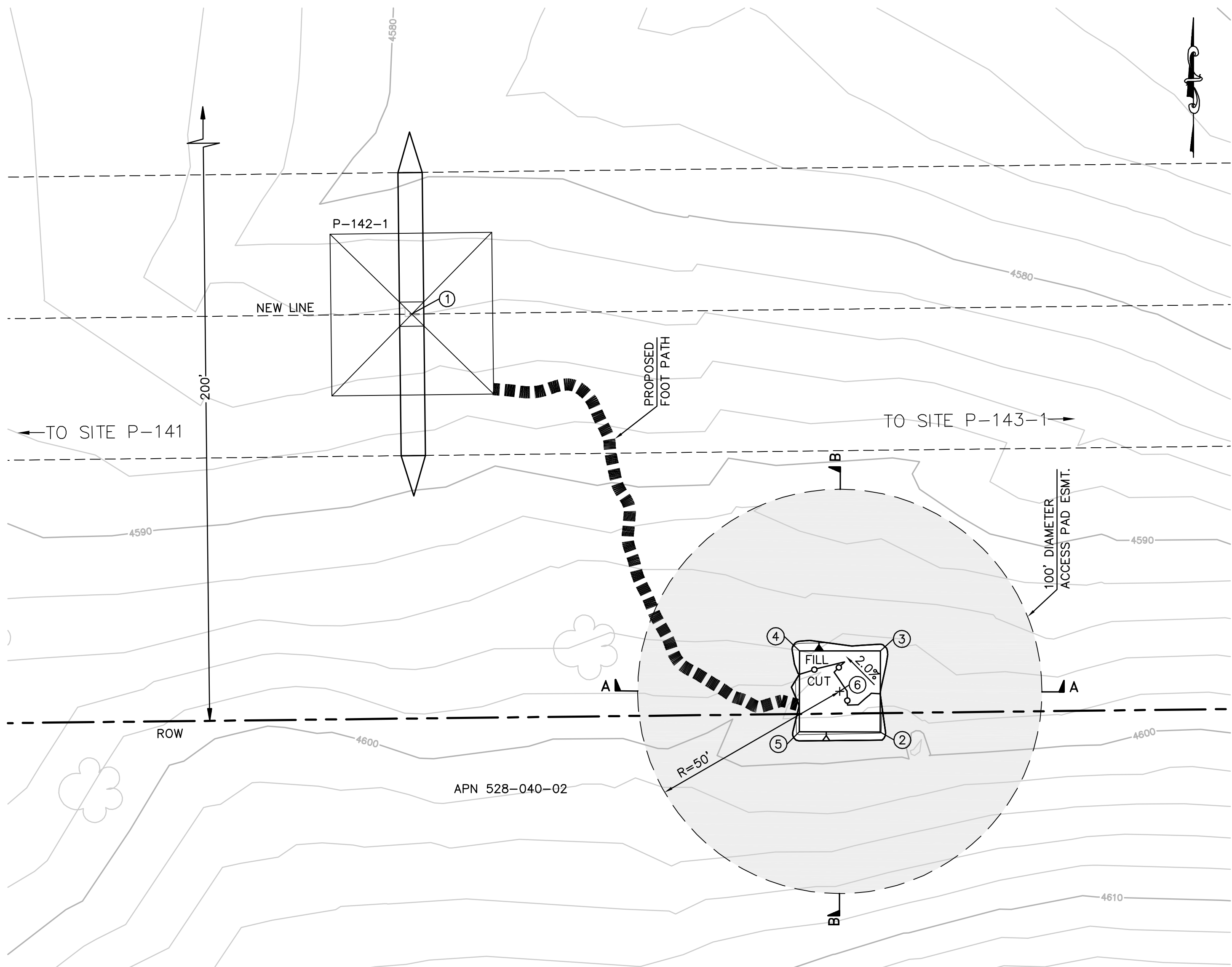


REVISIONS

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-9B (LINK 1)			
SITE P-214			
DRAWN BY: 00	DATE:	SCALE: 1" = 30'	W.O. REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P214-S1

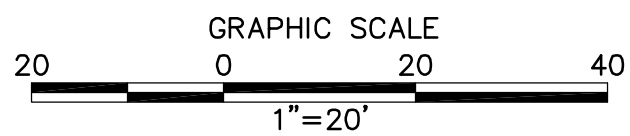


EARTH QUANTITIES: CUT: 5 CY
FILL: 4 CY
NET: 1 CY

DISTURBED AREA: PAD: 527 SF
TOTAL: 527 SF

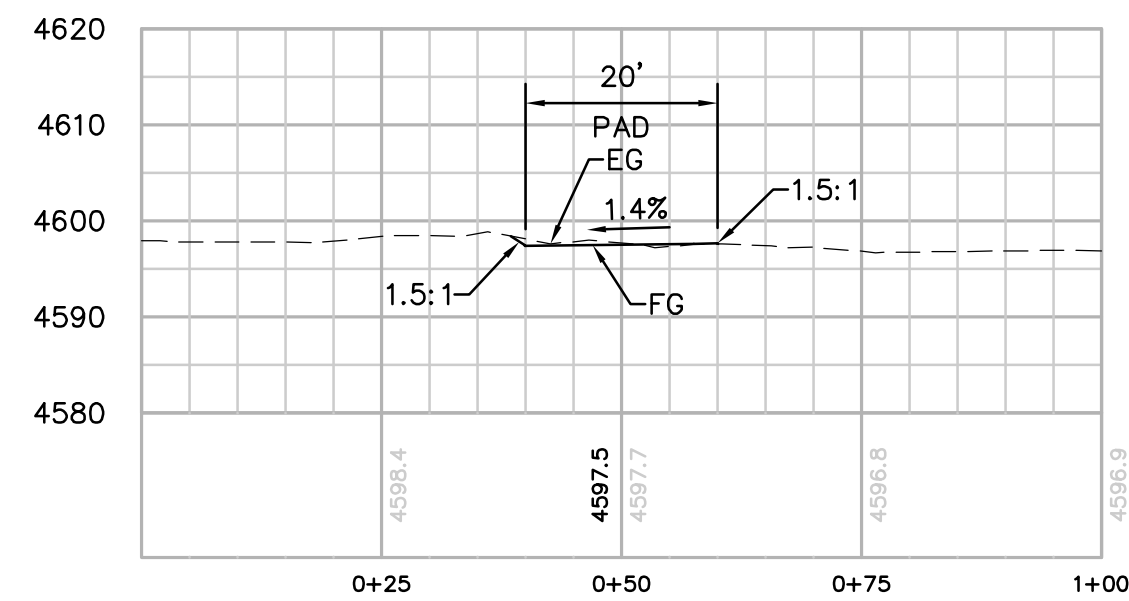
TOWER STAGING/ACCESS PAD FOR TOWER P-142-1 (THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



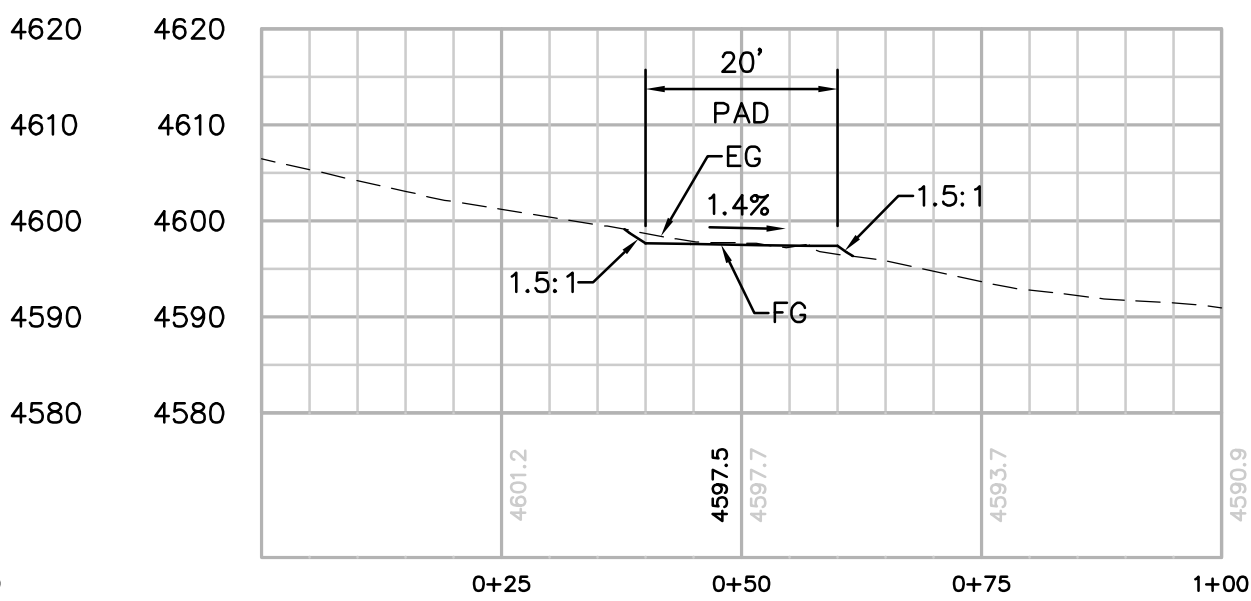
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-142-1	500 KV EXMT Lattice Tangent Tower	0.00	163.50



SECTION A-A

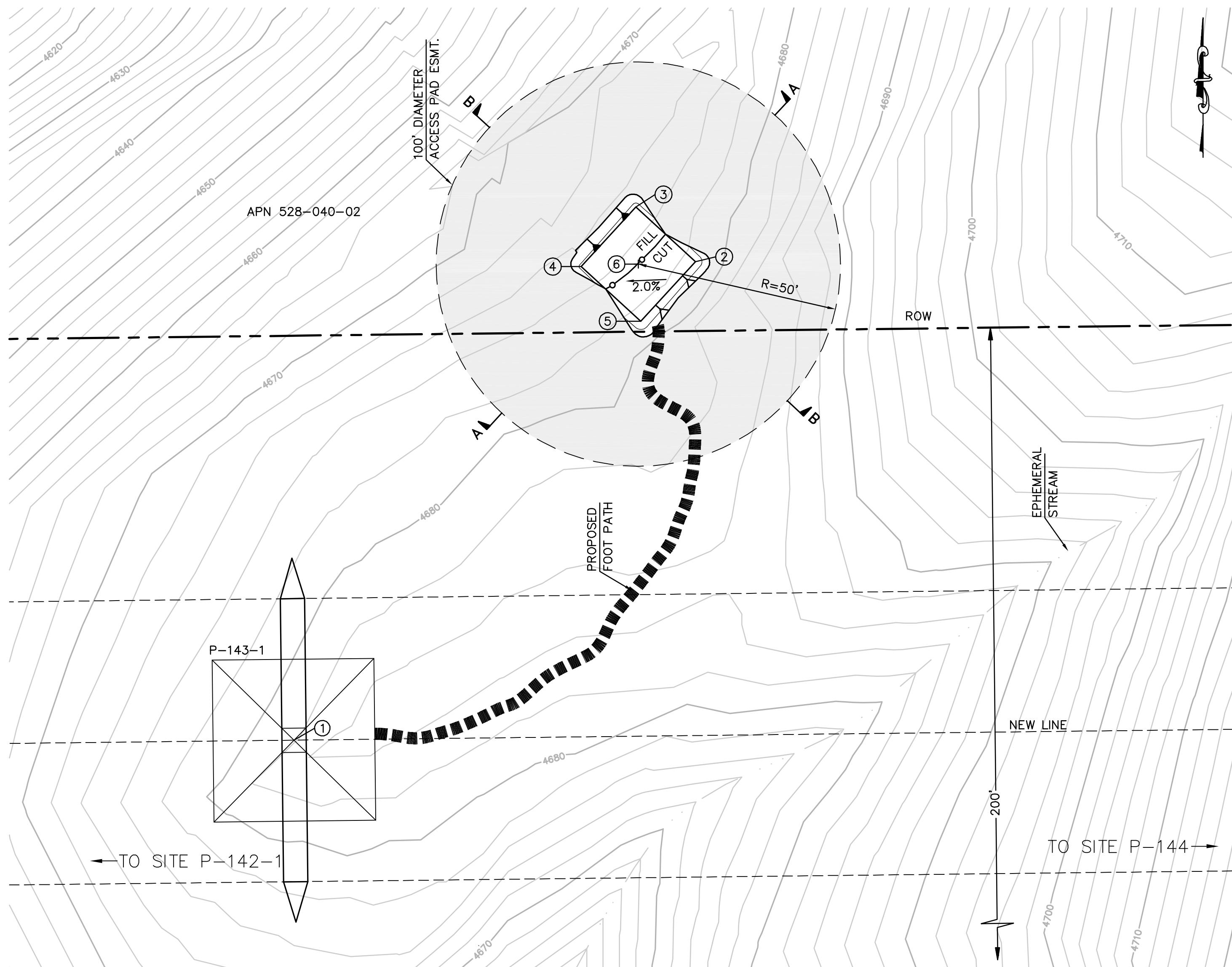
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866674.52	6519091.44	(4583.93)	P-142-1
2	1866571.19	6519207.28	4597.80	FG
3	1866591.19	6519207.33	4597.52	FG
4	1866591.24	6519187.33	4597.24	FG
5	1866571.24	6519187.28	4597.52	FG
6	1866581.22	6519197.31		RP

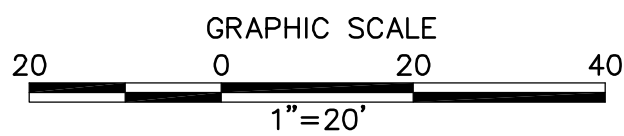


EARTH QUANTITIES: CUT: 10 CY
FILL: 8 CY
NET: 2 CY

DISTURBED AREA: PAD: 619 SF
TOTAL: 619 SF

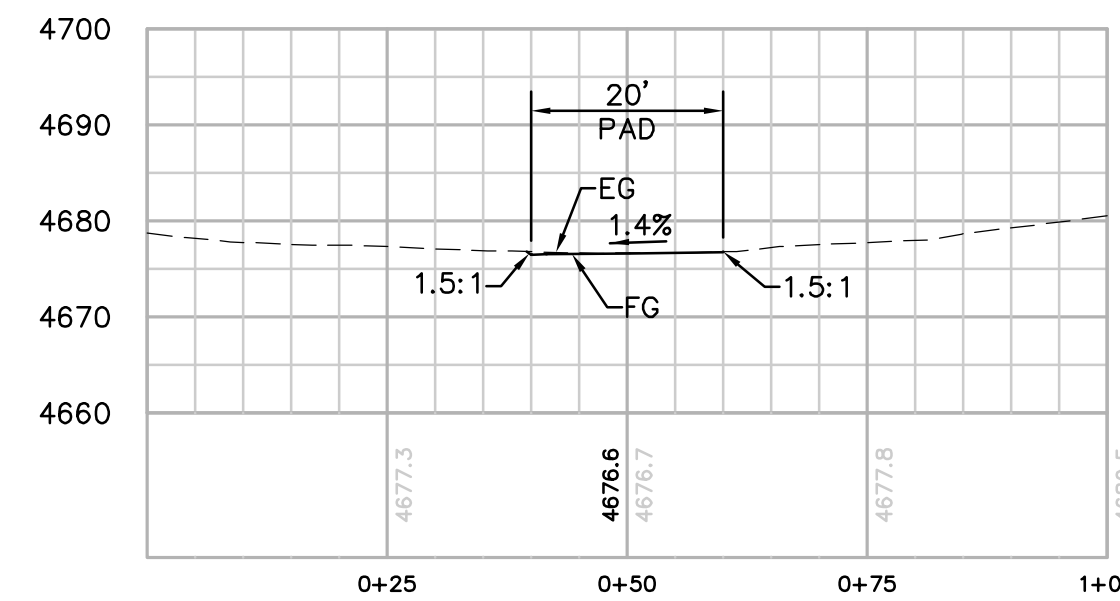
TOWER STAGING/ACCESS PAD FOR TOWER P-143-1 (THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



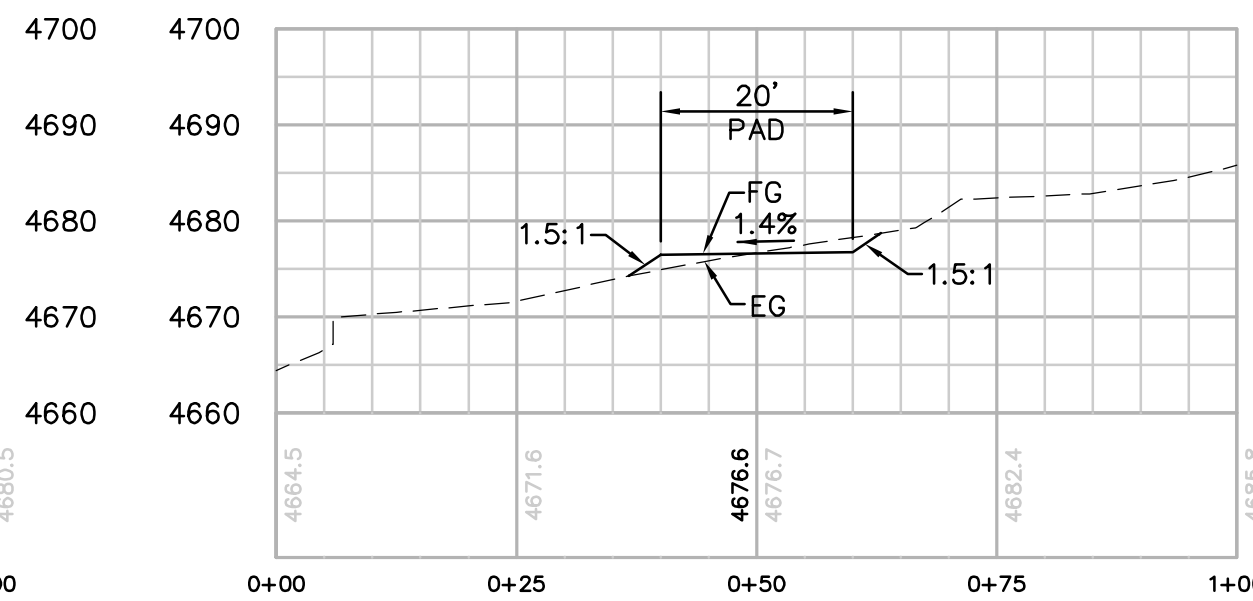
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-143-1	500 KV EXLD Lattice Dead-end Tower	0.00	165.75



SECTION A-A

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



SECTION B-B

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866697.28	6521069.78	(4681.79)	P-143-1
2	1866815.60	6521169.06	4676.93	FG
3	1866829.12	6521154.32	4676.64	FG
4	1866814.39	6521140.80	4676.36	FG
5	1866800.87	6521155.53	4676.64	FG
6	1866815.00	6521154.93		RP

REVISIONS

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

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

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

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SPL-9B (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P142-1 & P143-1

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

09B-P142-1 & P143-1-TSAP

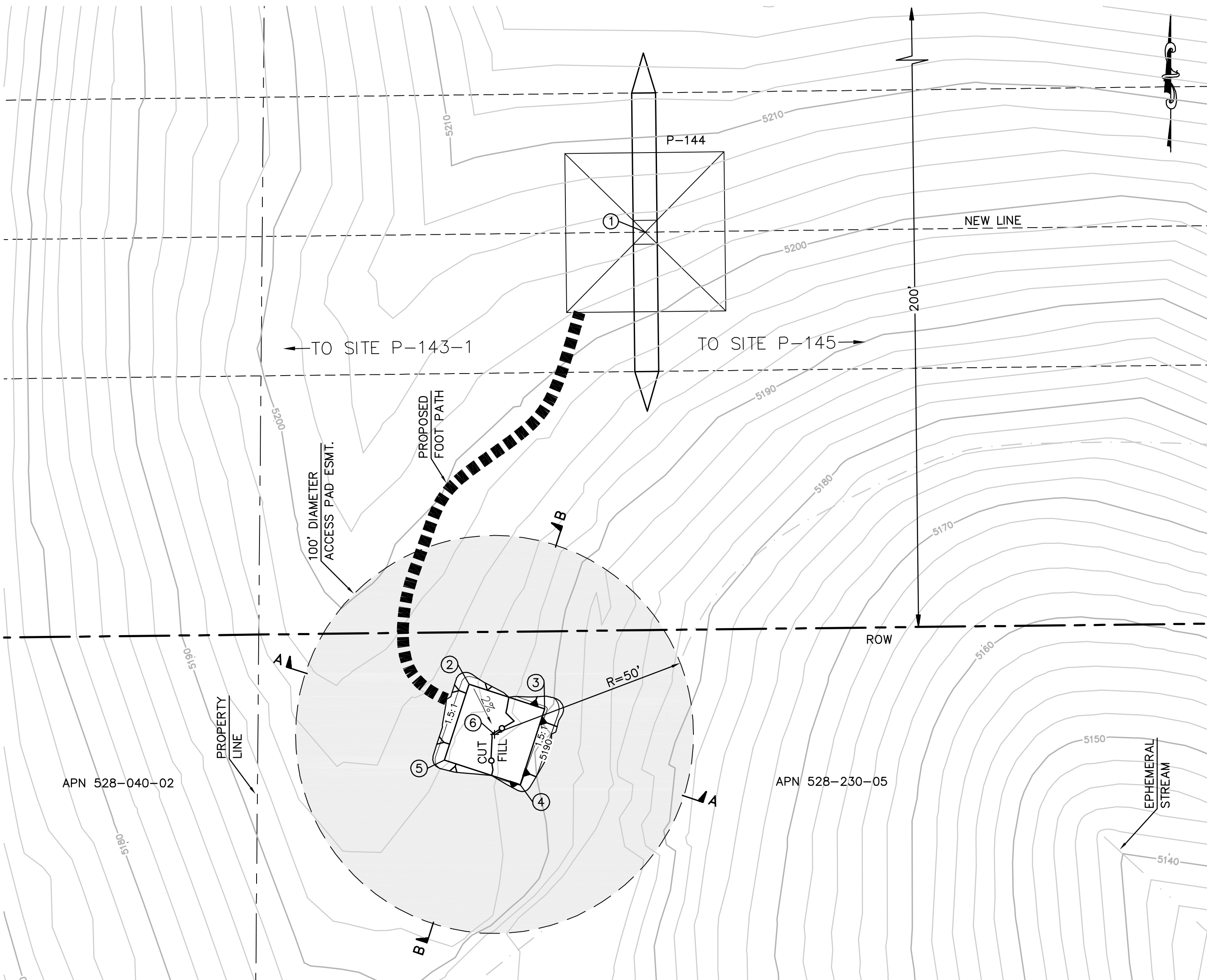


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P:\16919 SD&E SPL\CADD\09B\dwg\plans\heliports\9B-P142-1 & P143-1-TSAP.dwg, May-25-2010 11:35

P:\145-1\A\dwg\plans\helipads\9B-P144 & P145-1\A\dwg\may-25-2011\145

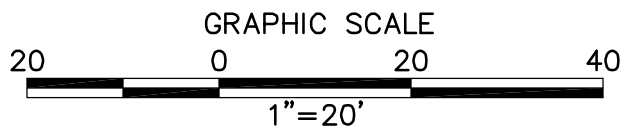


EARTH QUANTITIES:
CUT: 11 CY
FILL: 9 CY
NET: 2 CY

DISTURBED AREA:
PAD: 623 SF
TOTAL: 623 SF

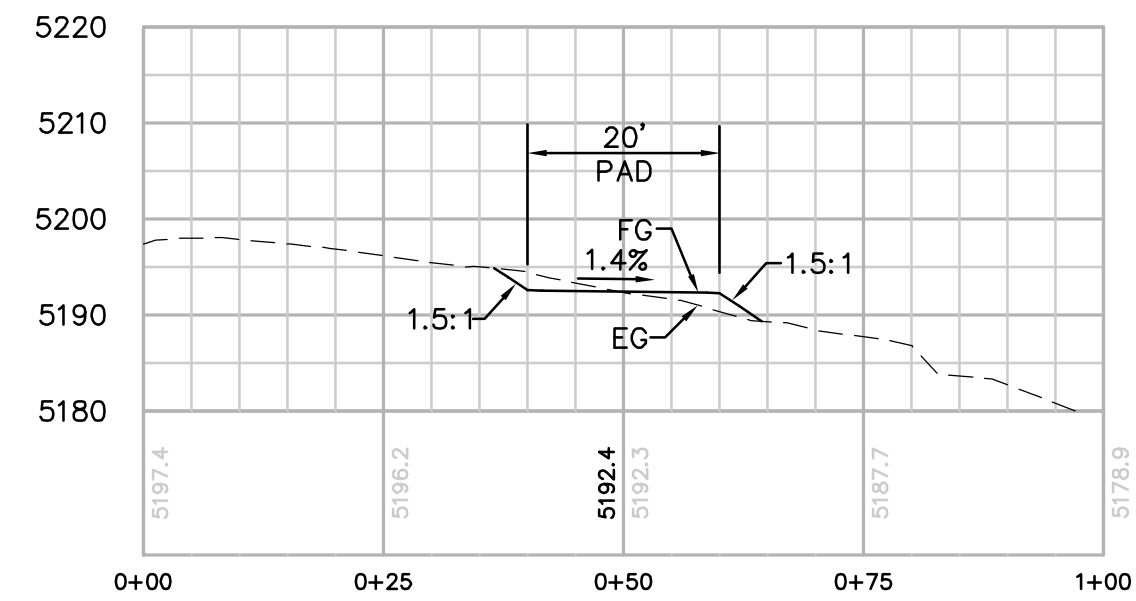
TOWER STAGING/ACCESS PAD FOR TOWER P-144 (THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



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

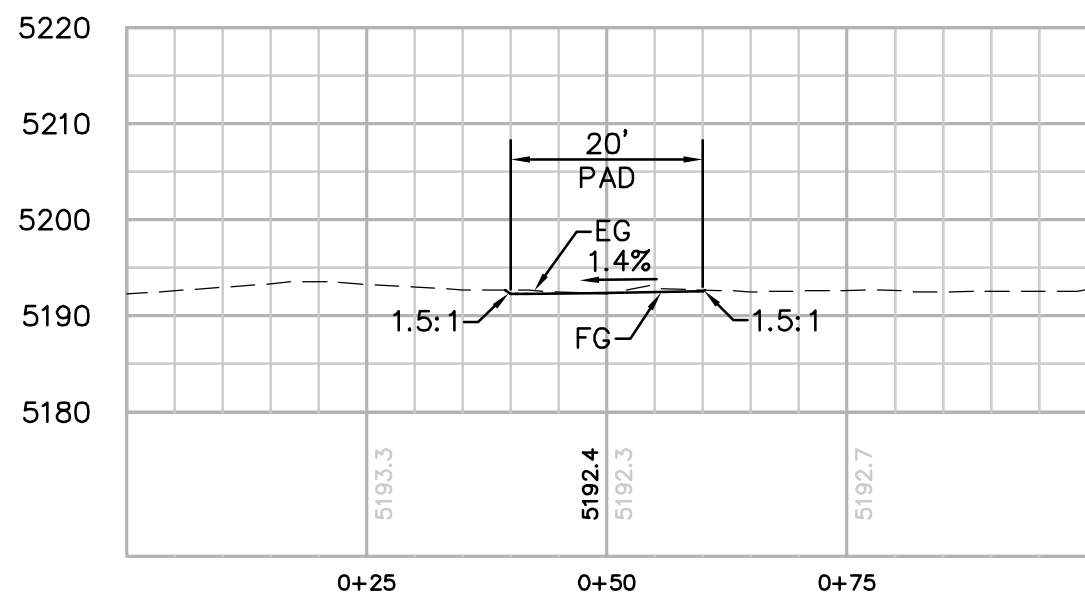
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-144	500 KV EXHD Lattice Dead-end Tower	0.00	156.75



SECTION A-A

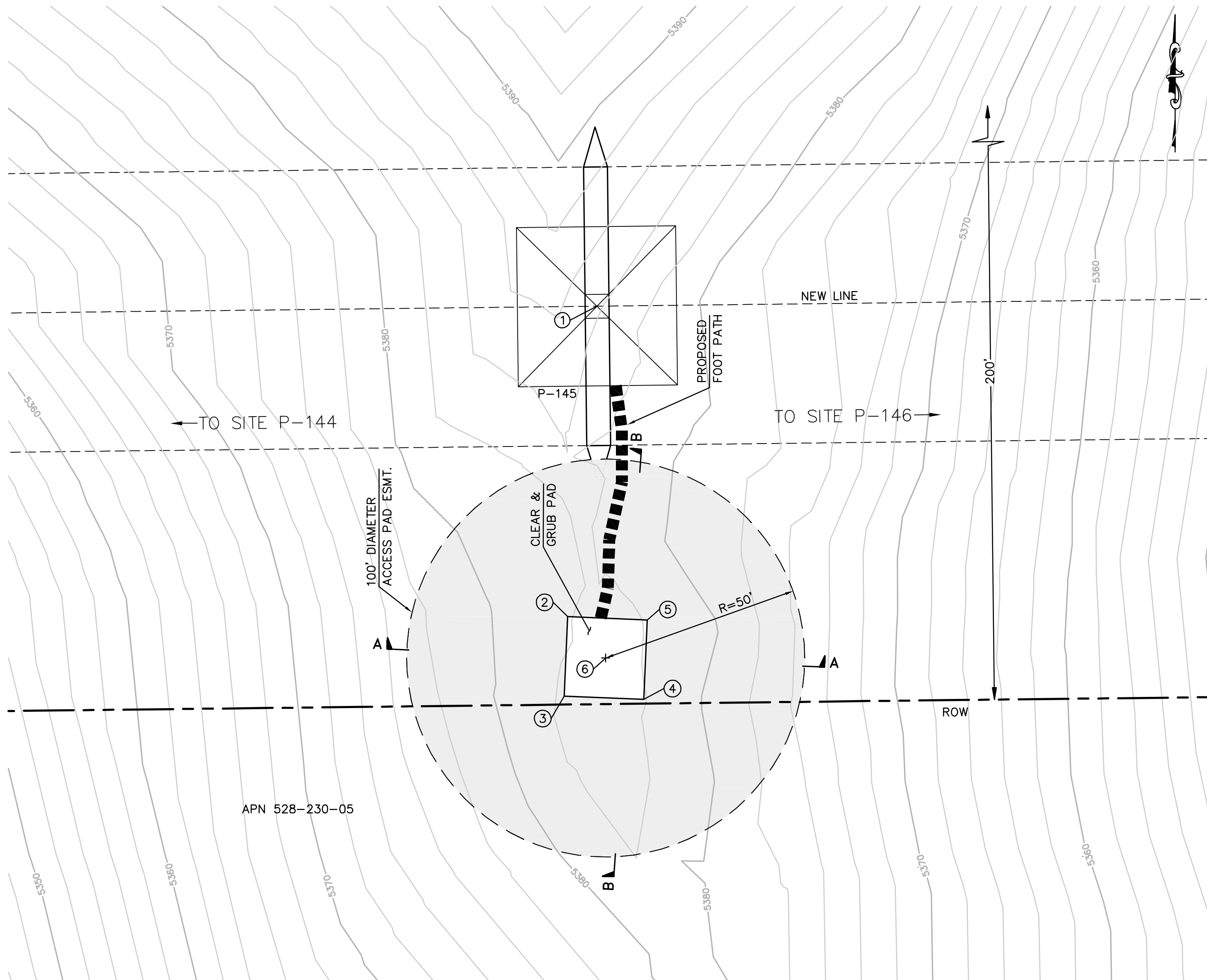
HORIZ. & VERT. SCALE: 1"=20'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866715.25	6522632.20	(5204.88)	P-144
2	1866601.62	6522587.92	5192.69	FG
3	1866595.44	6522606.94	5192.41	FG
4	1866576.42	6522600.75	5192.13	FG
5	1866582.61	6522581.73	5192.41	FG
6	1866589.02	6522594.33		RP



SECTION B-B

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

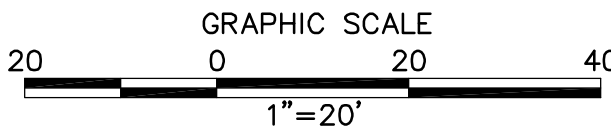


EARTH QUANTITIES:
CUT: 0 CY
FILL: 0 CY
NET: 0 CY

DISTURBED AREA:
PAD: 400 SF
TOTAL: 400 SF

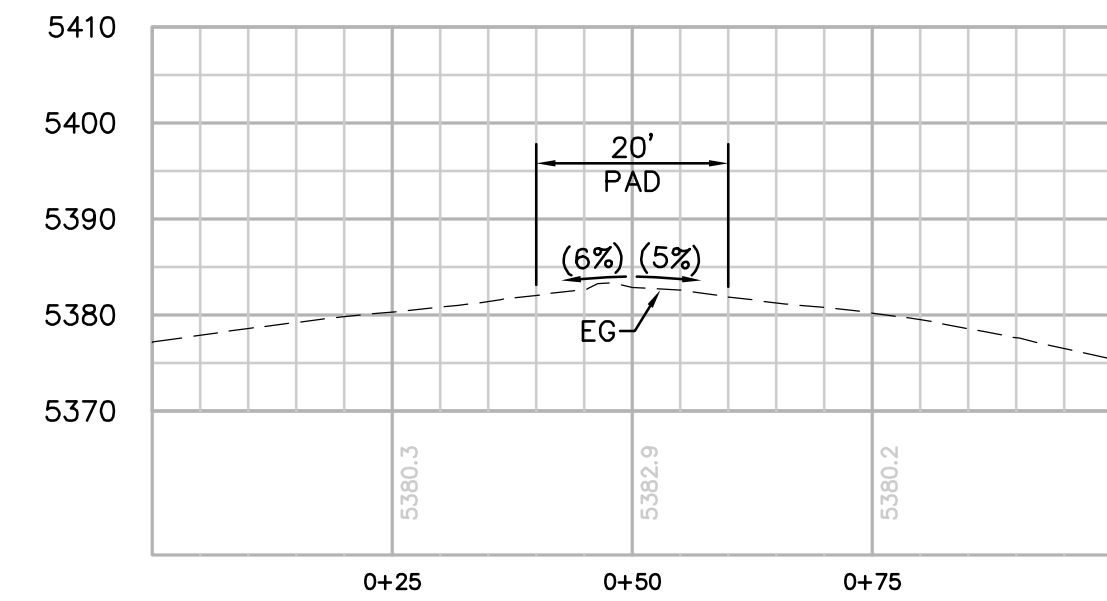
TOWER STAGING/ACCESS PAD FOR TOWER P-145 (THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



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

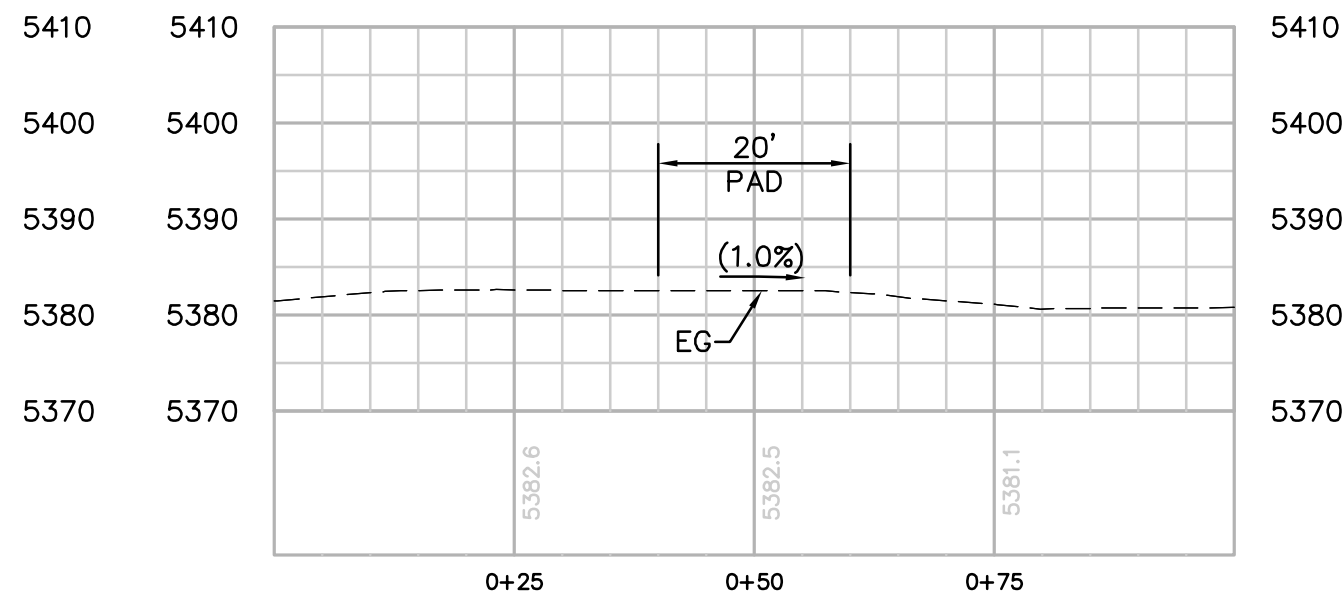
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-145	500 KV EXMT Lattice Tangent Tower	0.00	121.50



SECTION A-A

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866730.35	6523944.06	(5384.28)	P-145
2	1866652.34	6523936.68	(5381.91)	EG
3	1866632.36	6523935.86	(5382.30)	EG
4	1866631.54	6523955.84	(5382.09)	EG
5	1866651.52	6523956.66	(5381.84)	EG
6	1866641.94	6523946.26		RP



SECTION B-B

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



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SAN DIEGO, CALIFORNIA

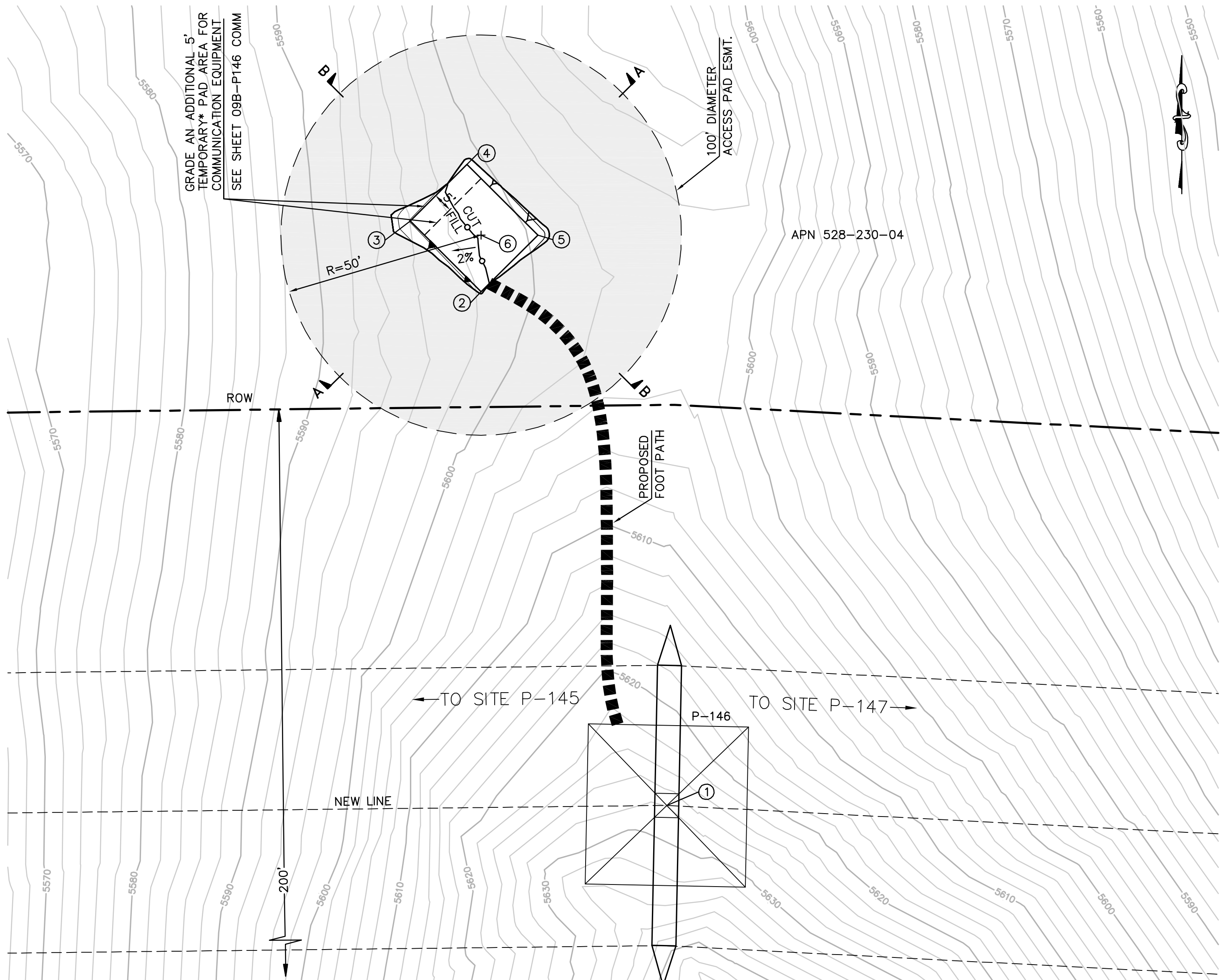
SPL-9B (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P144 & P145

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

09B-P144 & P145-TSAP

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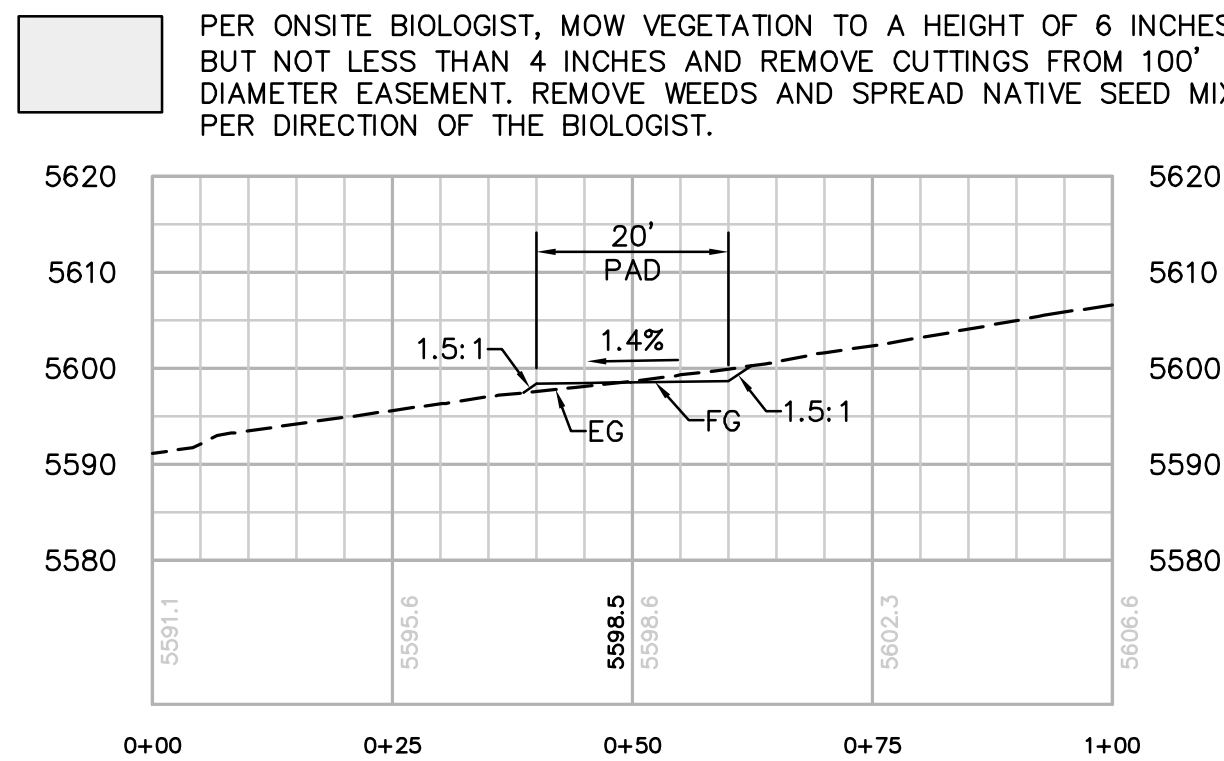
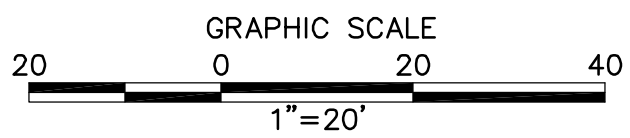


EARTH QUANTITIES:
CUT: 8 CY
FILL: 6 CY
NET: 2 CY

DISTURBED AREA:
PAD: 680 SF
TOTAL: 680 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-146 (THIS IS NOT A HELIPORT)

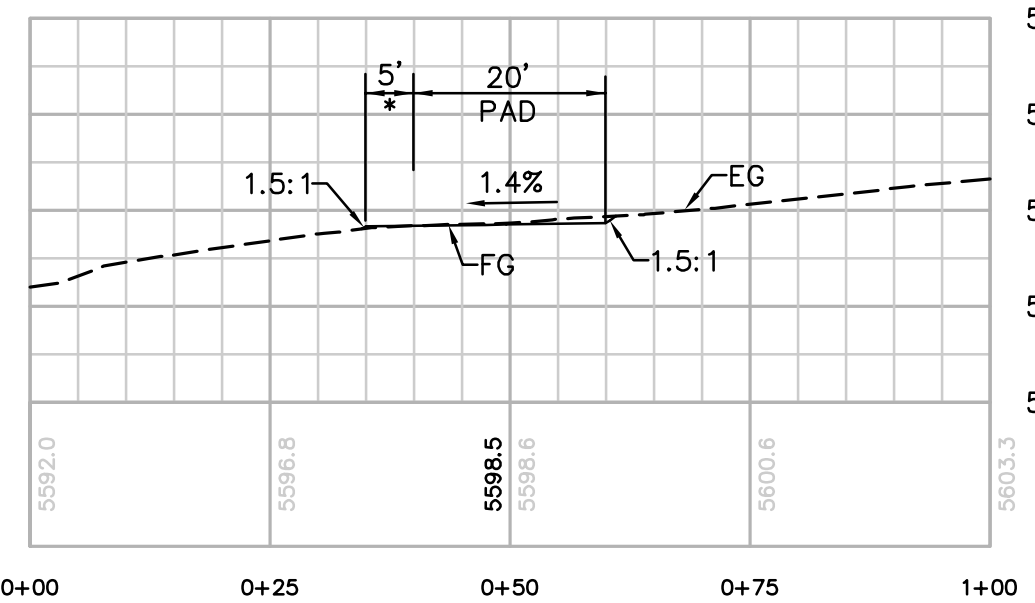
SCALE: 1" = 20'



SECTION A-A

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866748.63	6525532.68	(5628.05)	P-146
2	1866876.90	6525486.33	5598.53	FG
3	1866894.58	6525468.66	5598.18	FG
4	1866908.73	6525482.80	5598.46	FG
5	1866891.05	6525500.48	5598.81	FG
6	1866891.05	6525486.34		RP

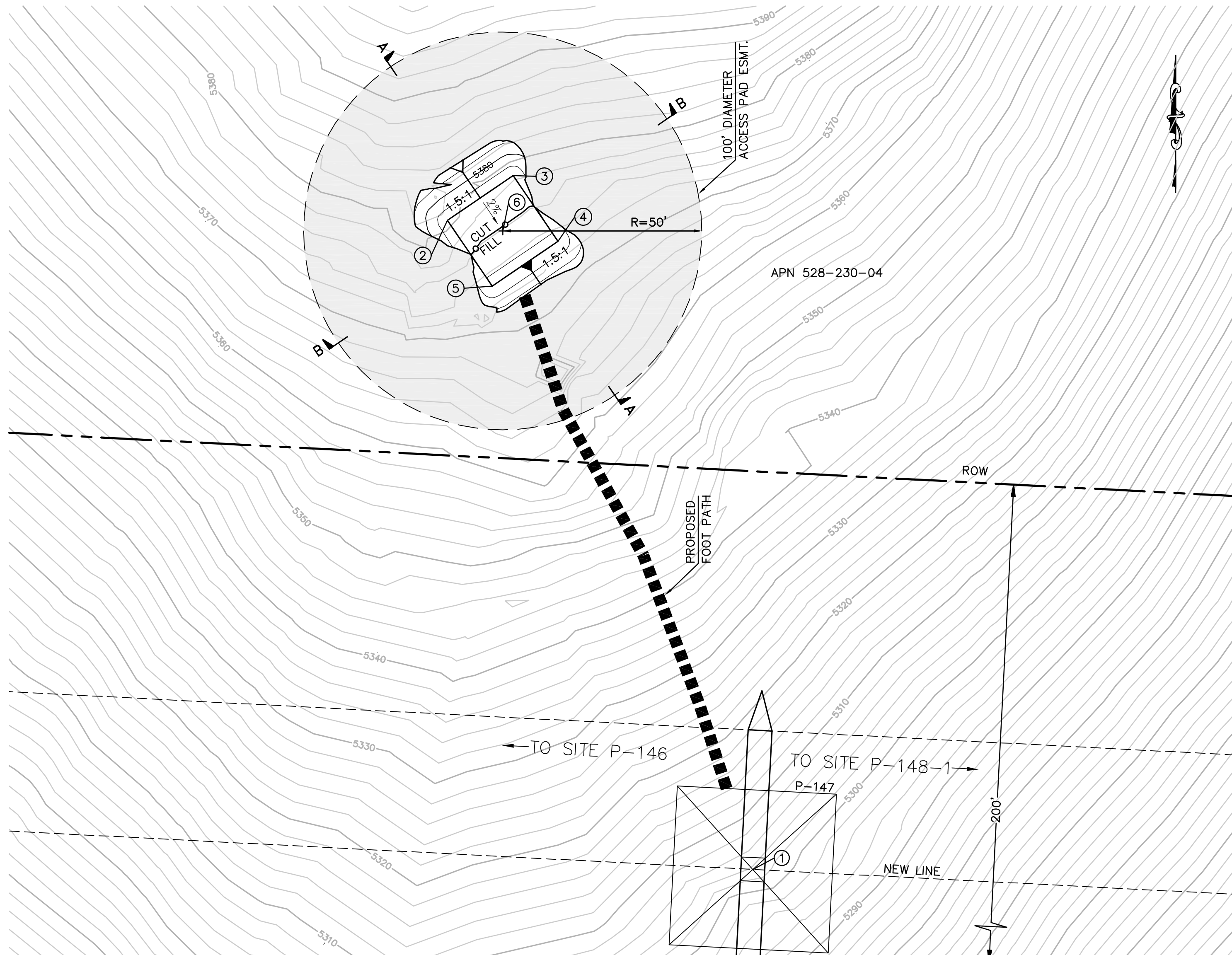


SECTION B-B

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

***NOTE:**
TOWER STAGING / ACCESS PAD AREA WILL NOT BE USABLE DURING TEMPORARY COMMUNICATION EQUIPMENT PAD USE.

PAD TO BE RESTORED TO 20' X 20' ONCE TEMPORARY USE FOR COMMUNICATION EQUIPMENT IS OVER.

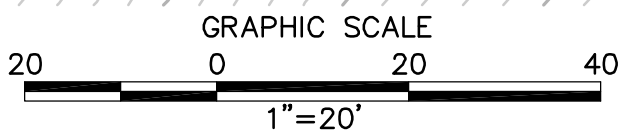


EARTH QUANTITIES:
CUT: 28 CY
FILL: 23 CY
NET: 5 CY

DISTURBED AREA:
PAD: 912 SF
TOTAL: 912 SF

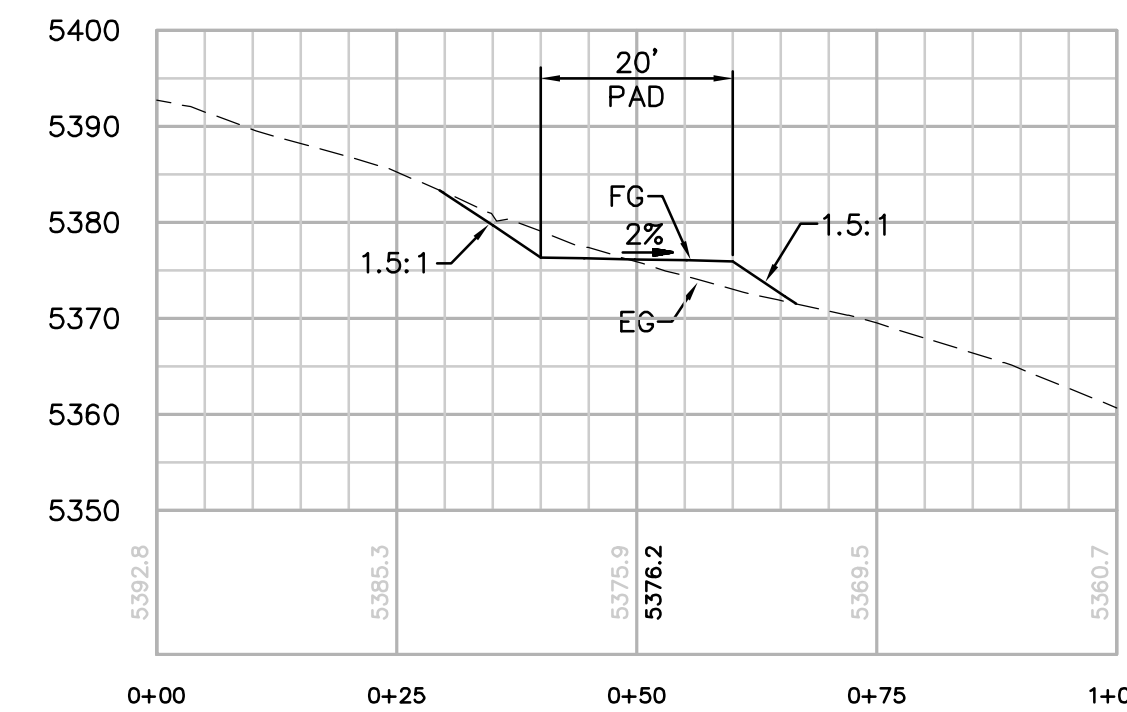
TOWER STAGING/ACCESS PLATFORM FOR TOWER P-147 (THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



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

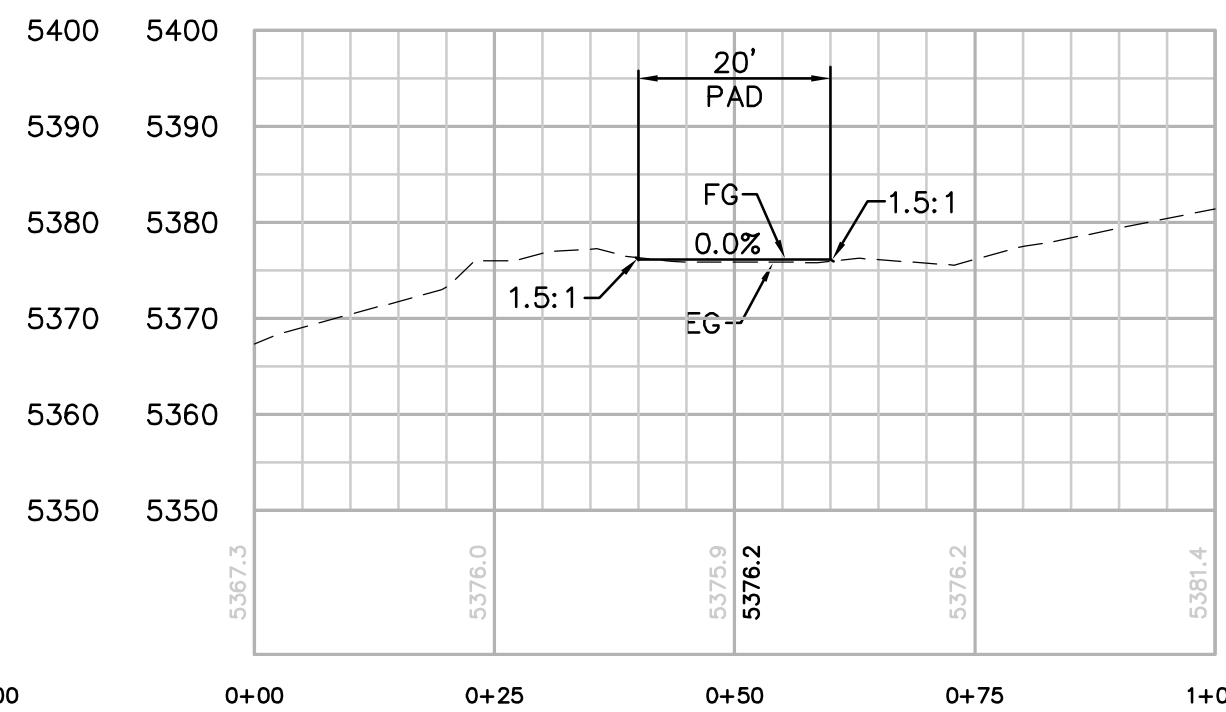
STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-147	500 KV EXMT Lattice Tangent Tower	0.00	136.50



SECTION A-A

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866665.05	6527150.38	(5303.83)	P-147
2	1866828.22	6527073.64	5376.35	FG
3	1866839.49	6527090.17	5376.35	FG
4	1866822.96	6527101.44	5375.95	FG
5	1866811.69	6527084.91	5375.95	FG
6	1866825.59	6527087.54		RP



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-9B (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P146 & P147

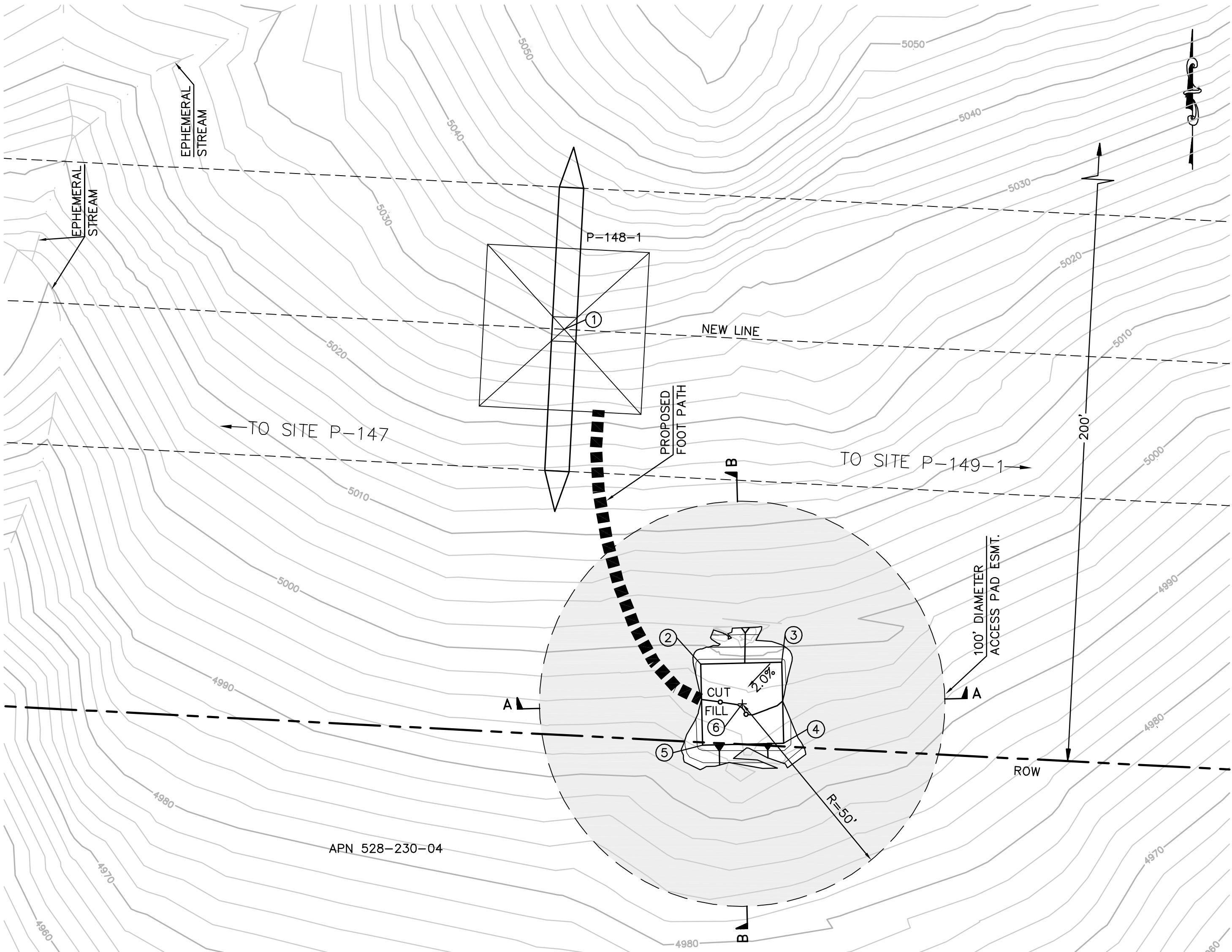
DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:		PLOT SCALE: 1 = 1		

09B-P146 & P147-TSAP



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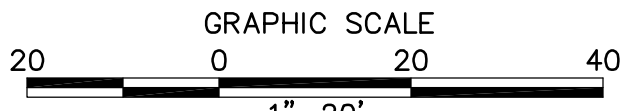


EARTH QUANTITIES:
CUT: 14 CY
FILL: 11 CY
NET: 3 CY

DISTURBED AREA:
PAD: 751 SF
TOTAL: 751 SF

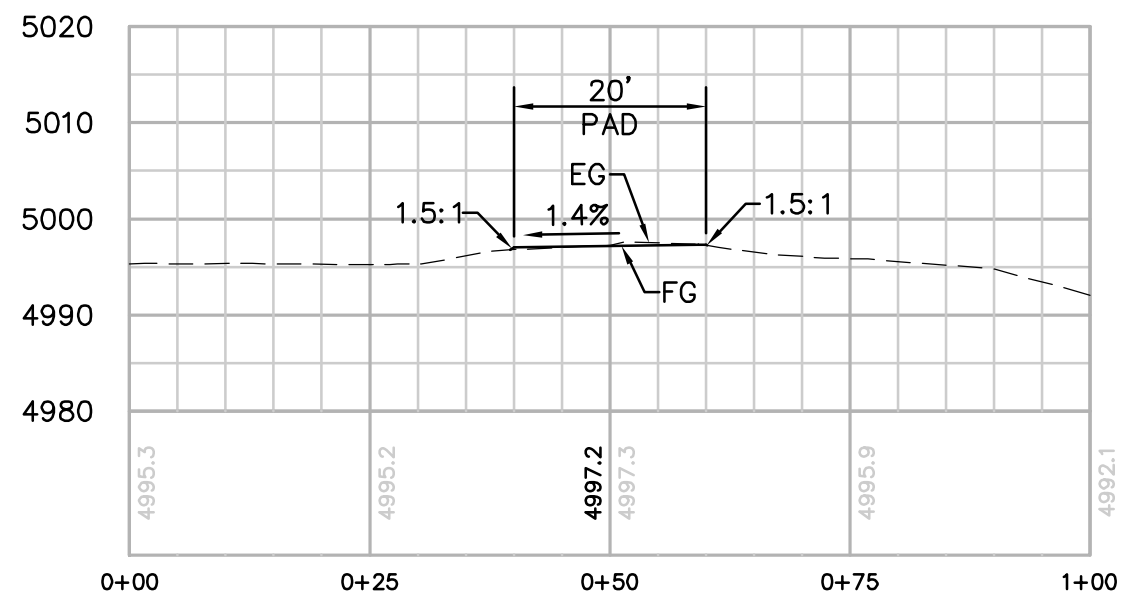
TOWER STAGING/ACCESS PAD FOR TOWER P-148-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



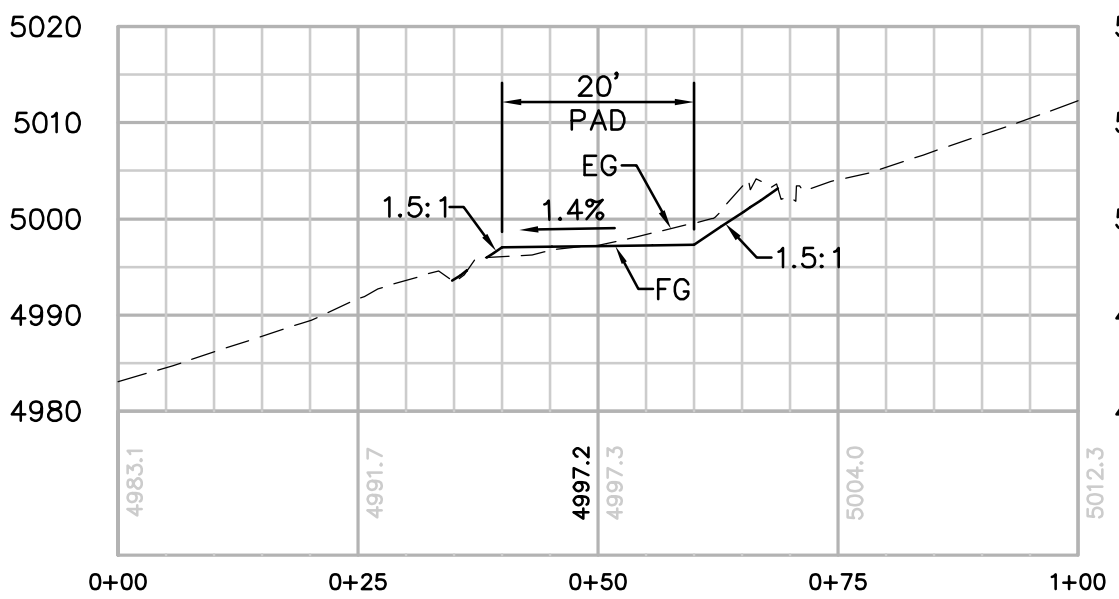
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-148-1	500 KV EXMT Lattice Tangent Tower	0.00	163.50



SECTION A-A

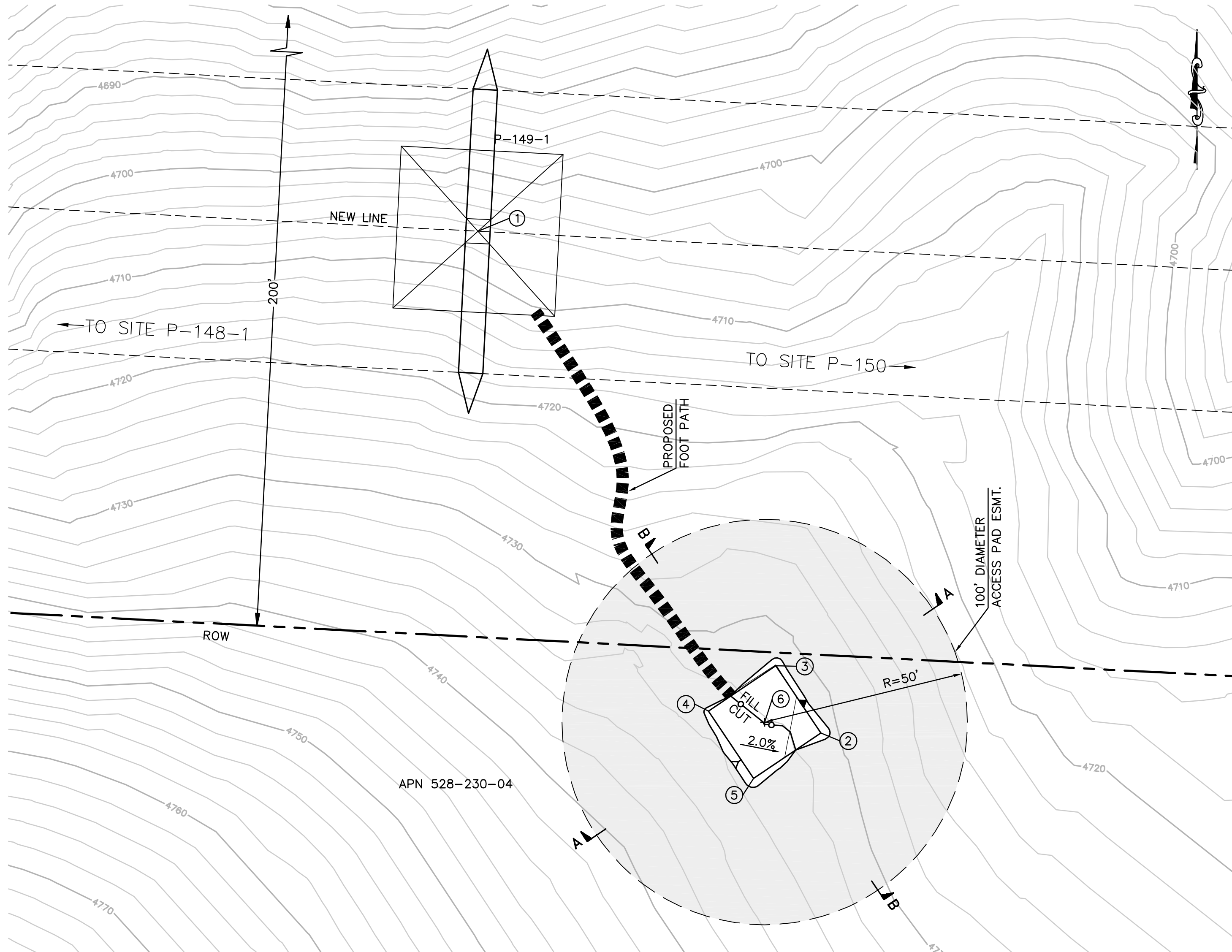
HORIZ. & VERT. SCALE: 1"=20'



SECTION B-B

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866615.76	6528104.48	(5031.02)	P-148-1
2	1866533.14	6528138.15	4997.18	FG
3	1866533.61	6528158.15	4997.46	FG
4	1866513.62	6528158.62	4997.18	FG
5	1866513.14	6528138.62	4996.90	FG
6	1866523.38	6528148.38		RP

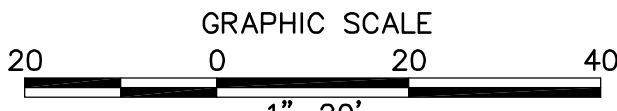


EARTH QUANTITIES:
CUT: 6 CY
FILL: 5 CY
NET: 1 CY

DISTURBED AREA:
PAD: 531 SF
TOTAL: 531 SF

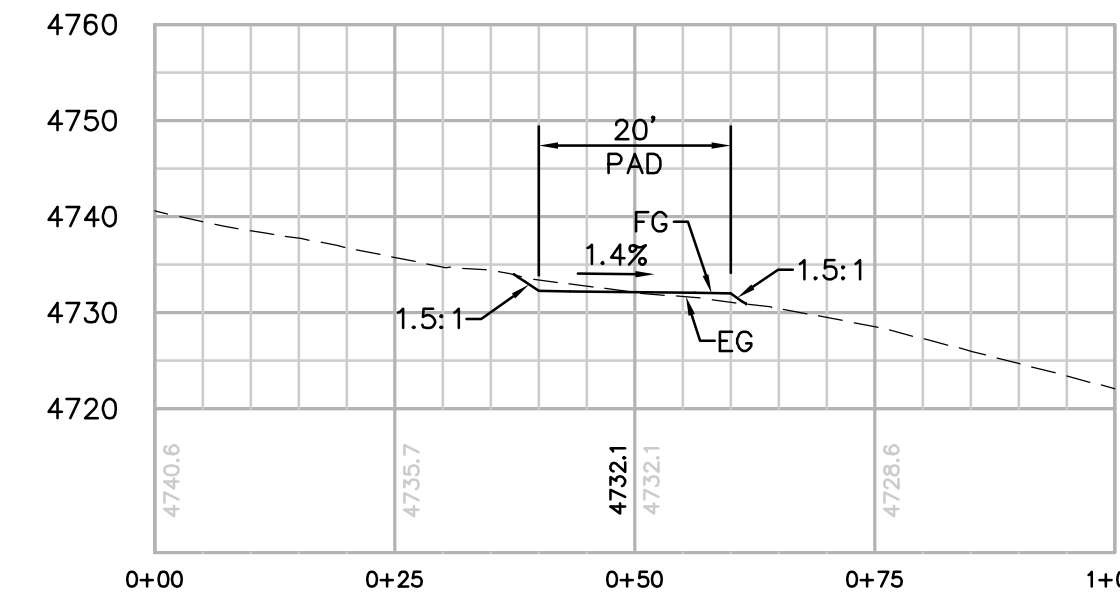
TOWER STAGING/ACCESS PAD FOR TOWER P-149-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



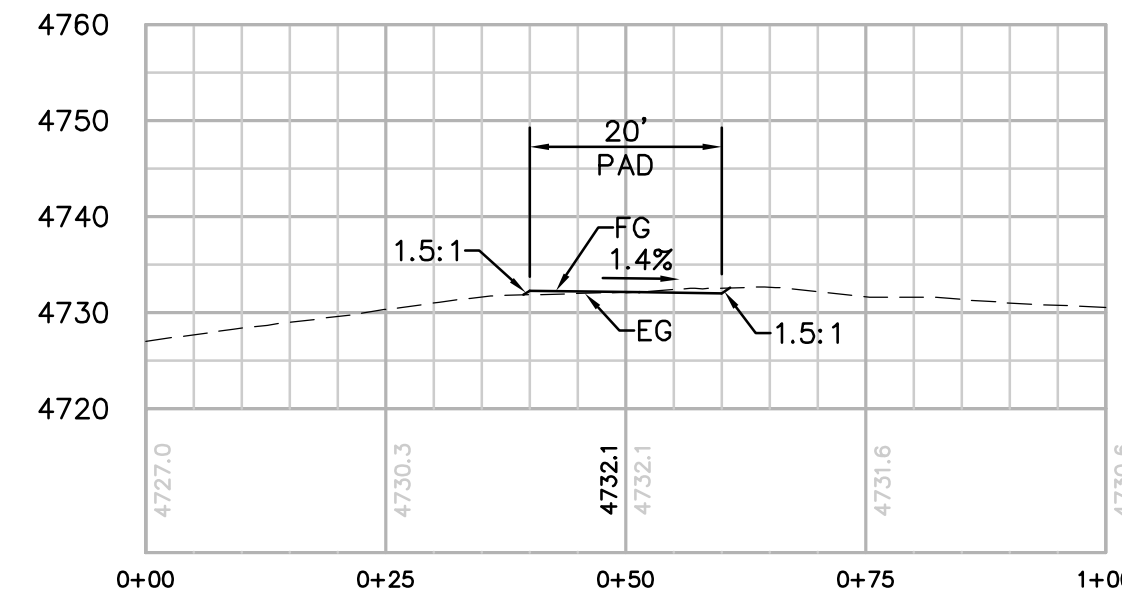
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-149-1	500 KV EXLD Lattice Dead-end Tower	0.00	171.75



SECTION A-A

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



SECTION B-B

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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866554.76	6529285.14	(4706.79)	P-149-1
2	1866430.94	6529369.77	4731.85	FG
3	1866447.54	6529358.61	4732.13	FG
4	1866436.38	6529342.01	4732.41	FG
5	1866419.78	6529353.18	4732.13	FG
6	1866433.66	6529355.89		RP

REVISIONS

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SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P148-1 & P149-1

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

09B-P148-1 & P149-1-TSAP



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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-150	500 KV EXMT Lattice Tangent Tower	0.00	169.50



REVISIONS



STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-151	500 KV EXMT Lattice Tangent Tower	0.00	169.50



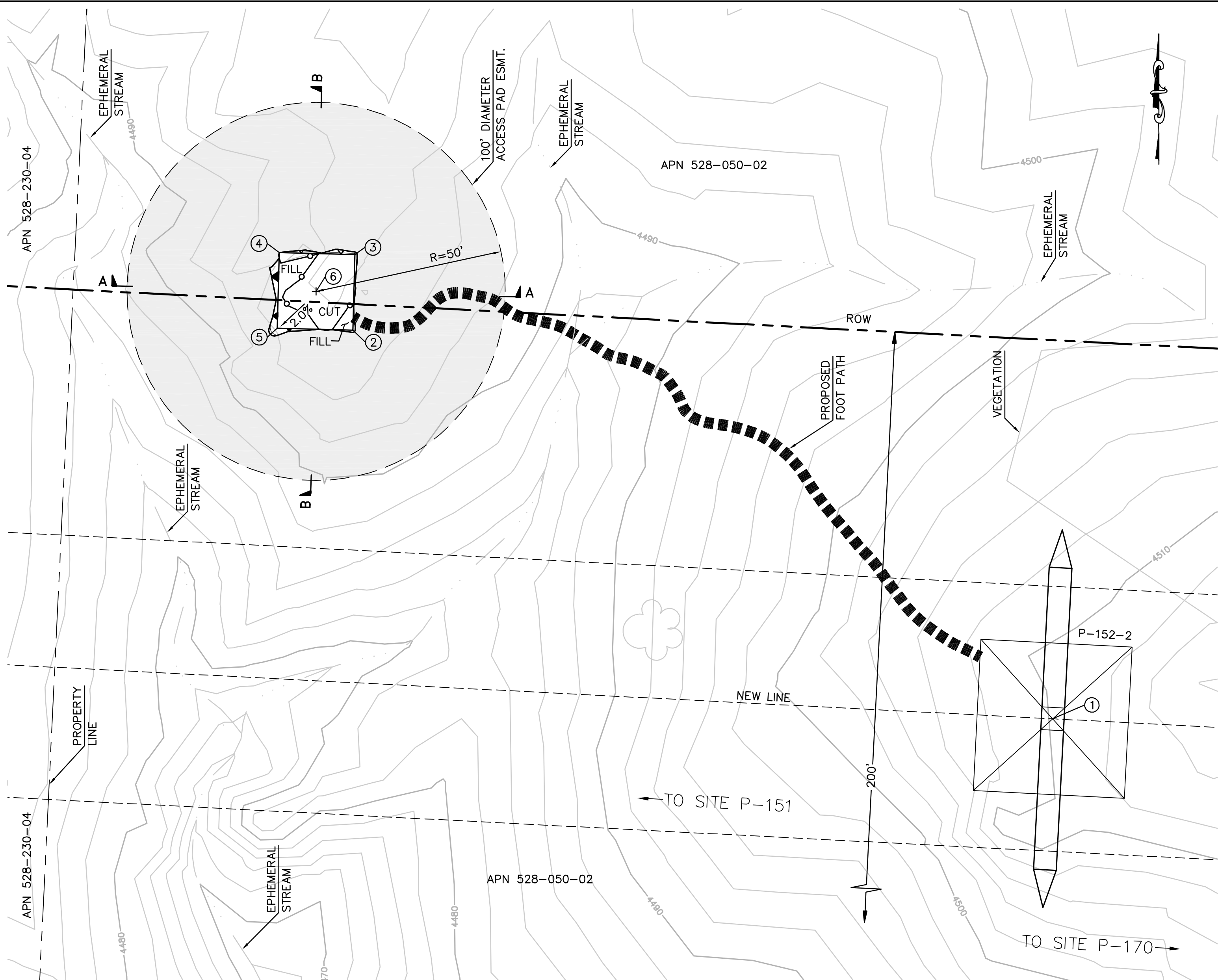
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)
TOWER STAGING/ACCESS PAD FOR SITE P150 & P151

DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O.	REV. 0
CHECKED BY:	DATE:		09B-P150 & P151-TSAP	
APPROVED BY:	DATE:			
CAD NO.:	PLOT SCALE: 1 = 1			



P:\16919 SD&E SPL\CADD\09B.dwg\Plans\Helipads\9B-P152-2 & P188-1-TSAP.dwg,May-25-2010,12:24

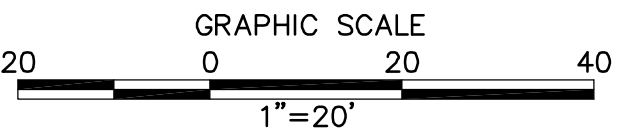


EARTH QUANTITIES:
CUT: 3 CY
FILL: 2 CY
NET: 1 CY

DISTURBED AREA:
PAD: 458 SF
TOTAL: 458 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-152-2
(THIS IS NOT A HELIPORT)

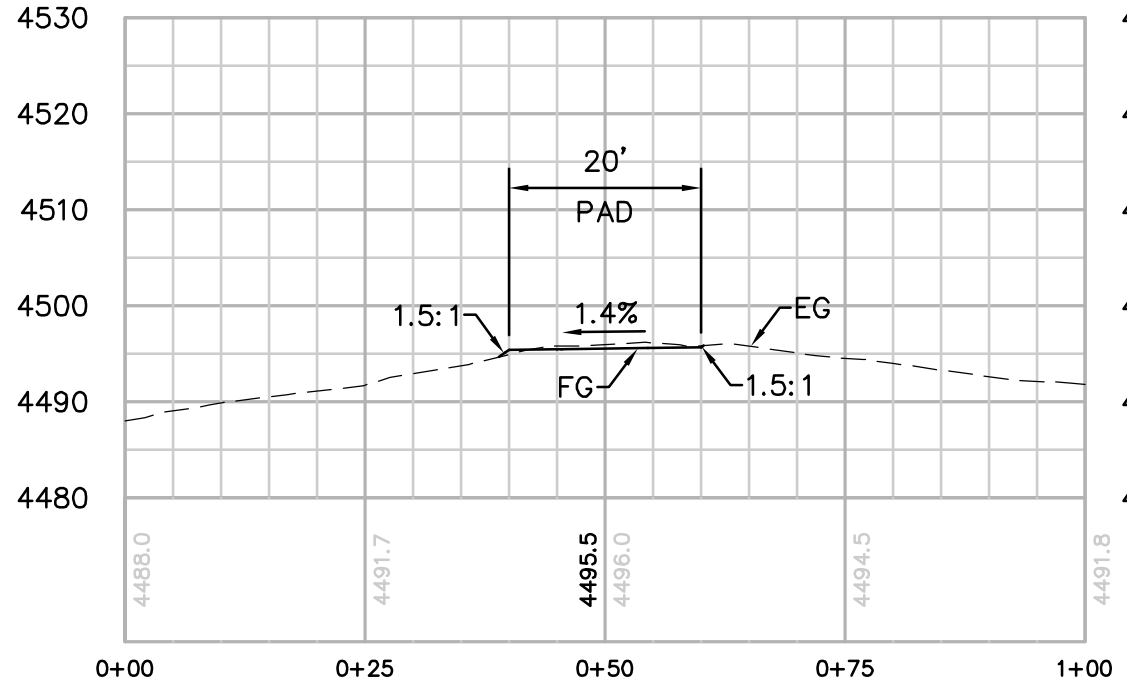
SCALE: 1" = 20'



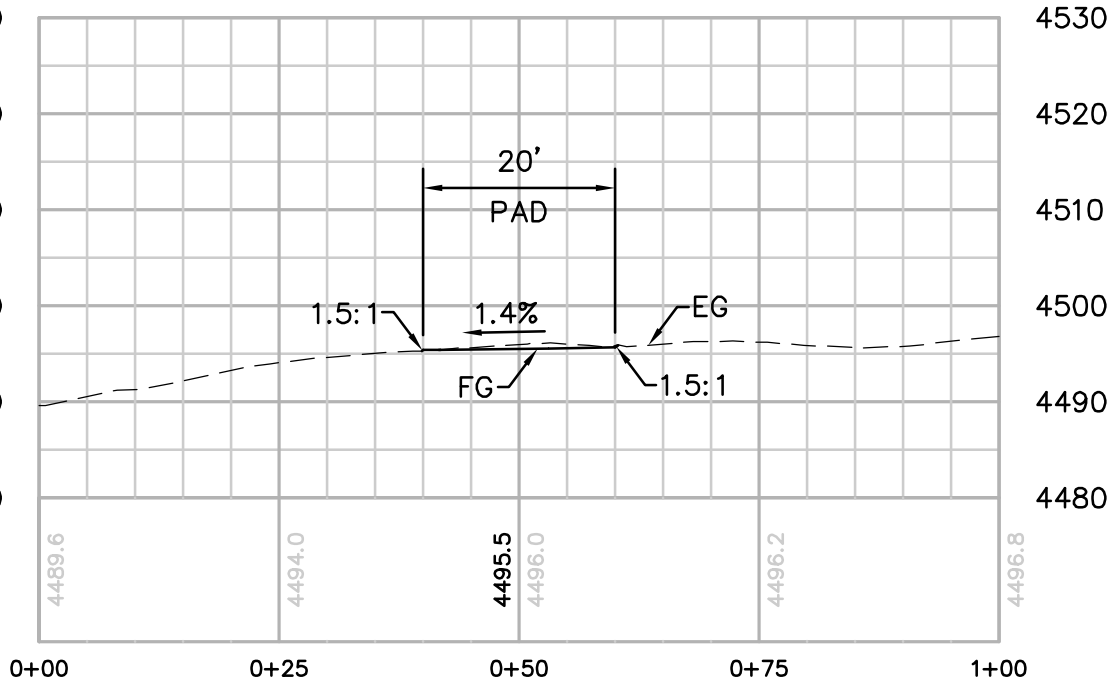
PER ONSITE BIOLOGIST, MOW VEGETATION TO A HEIGHT OF 6 INCHES BUT NOT LESS THAN 4 INCHES AND REMOVE CUTTINGS FROM 100' DIAMETER EASEMENT. REMOVE WEEDS AND SPREAD NATIVE SEED MIX PER DIRECTION OF THE BIOLOGIST.

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-152-2	500 KV EXMT Lattice Tangent Tower	0.00	151.50

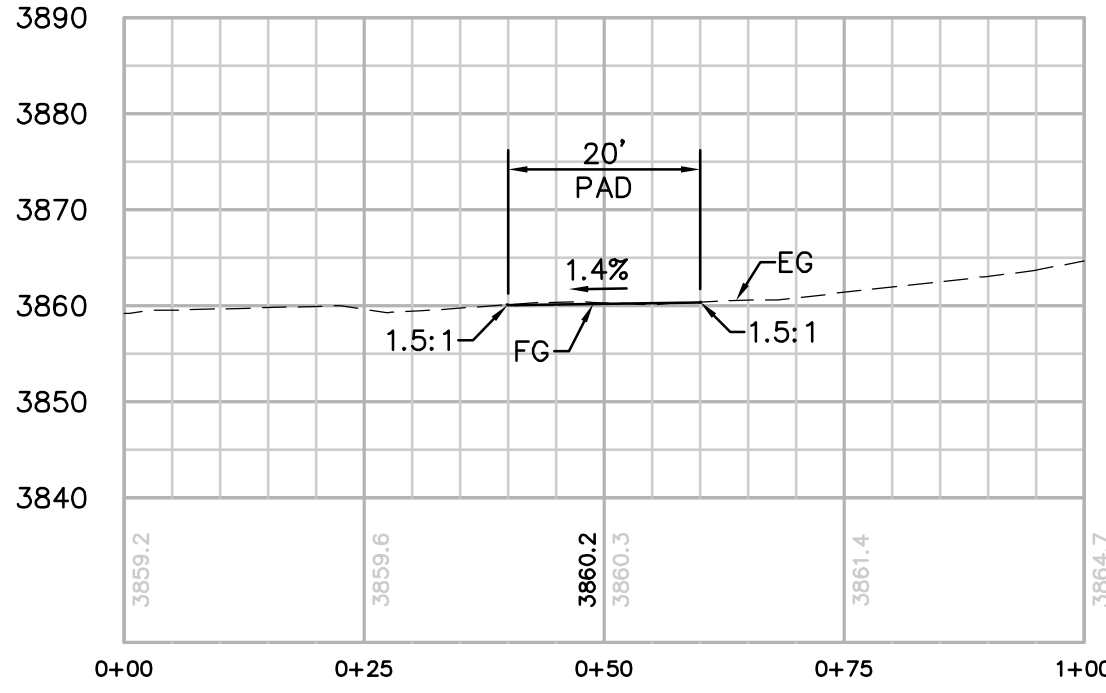
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866357.91	6533095.21	(4510.75)	P-152-2
2	1866460.67	6532910.22	4495.51	FG
3	1866480.66	6532910.76	4495.80	FG
4	1866481.20	6532890.77	4495.52	FG
5	1866461.21	6532890.23	4495.23	FG
6	1866470.93	6532900.49		RP



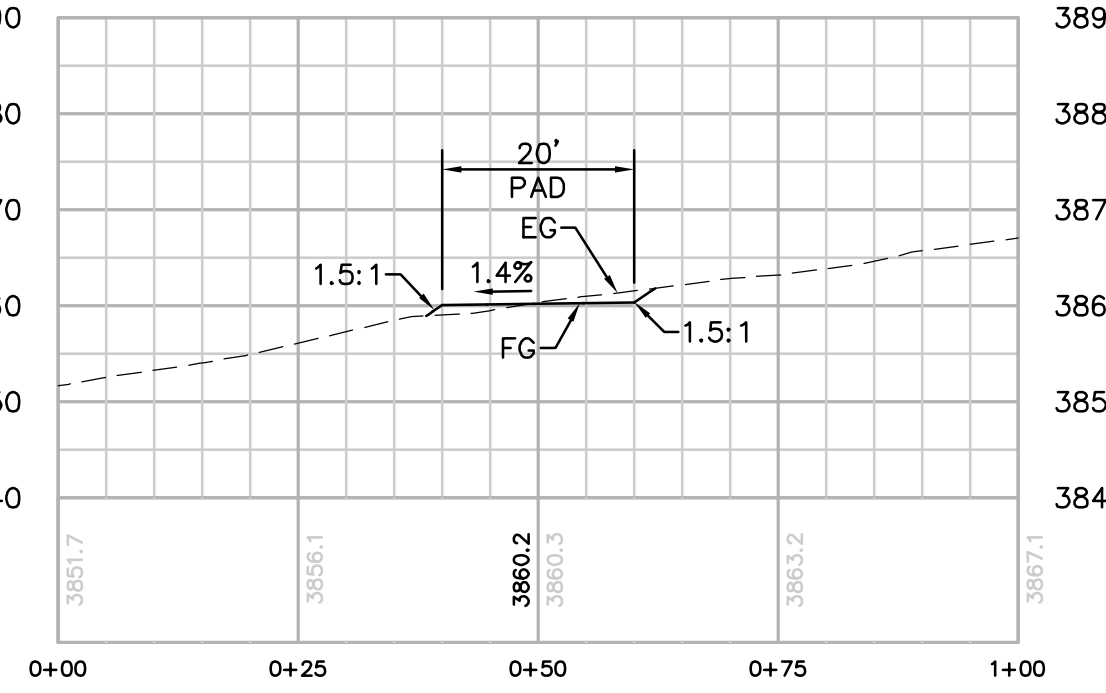
SECTION A-A
HORIZ. & VERT. SCALE: 1"=20'



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



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



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

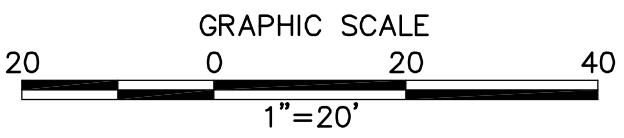
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1853501.14	6553526.78	(3883.56)	P-188-1
2	1853665.79	6553651.44	3860.48	FG
3	1853680.26	6553665.25	3860.20	FG
4	1853694.06	6553650.78	3859.92	FG
5	1853679.59	6553636.97	3860.20	FG
6	1853679.93	6553651.11		RP

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

DISTURBED AREA:
PAD: 518 SF
TOTAL: 518 SF

TOWER STAGING/ACCESS PAD FOR TOWER P-188-1
(THIS IS NOT A HELIPORT)

SCALE: 1" = 20'



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

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-188-1	500 KV EXLA Lattice Angle Tower	-3.06	163.50

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-9B (LINK 1)

TOWER STAGING/ACCESS PAD FOR SITE P152-2 & P188-1

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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STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-195-1	500 KV EXMT Lattice Tangent Tower	0.00	136.50

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1845051.64	6556168.82	(3946.51)	P-195-1
2	1844993.44	6555955.30	(3956.87)	EG
3	1845012.26	6555948.53	(3957.90)	EG
4	1845005.48	6555929.71	(3958.04)	EG
5	1844986.67	6555936.49	(3956.45)	EG
6	1844999.46	6555942.51		RP



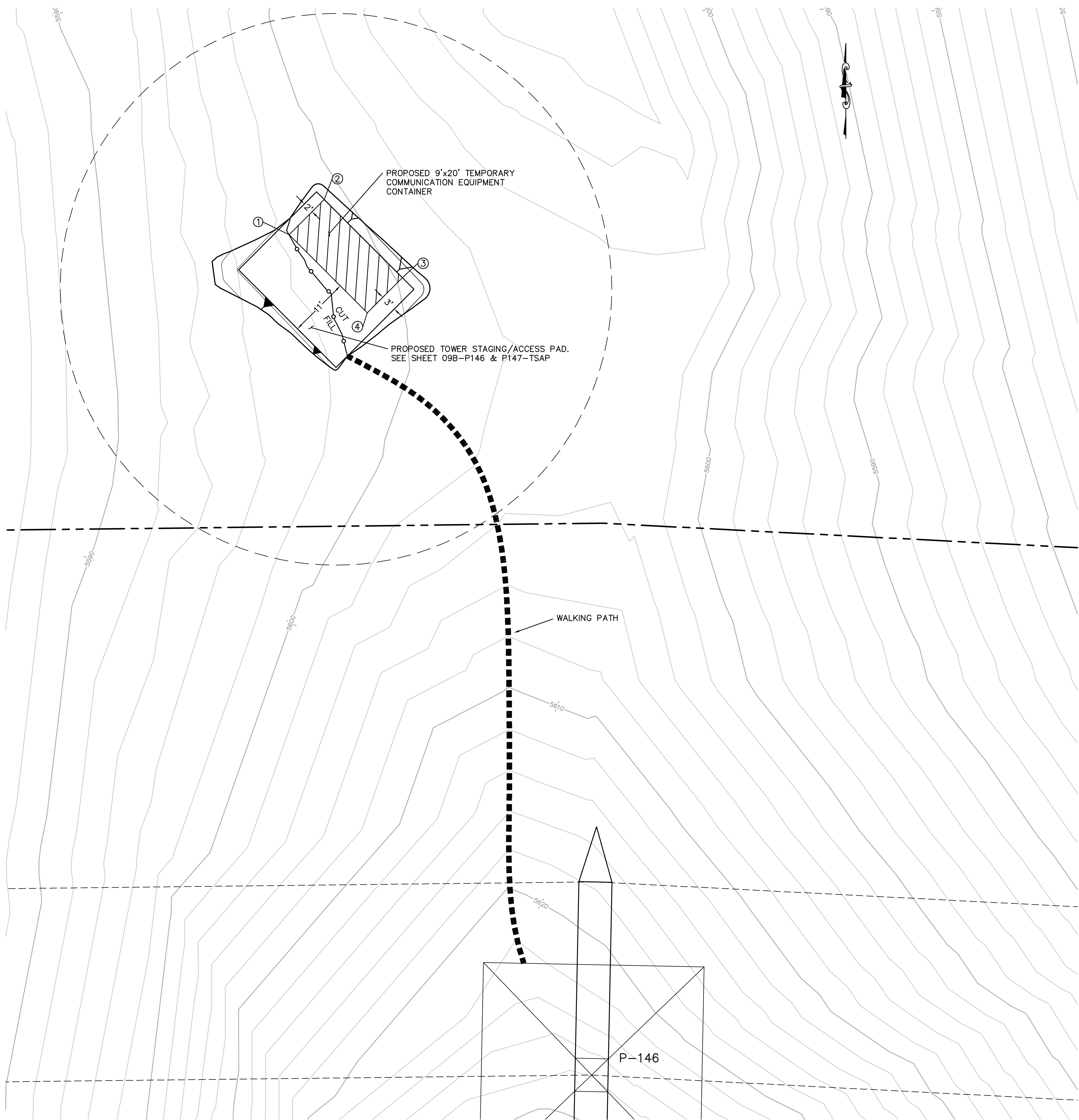
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REVISIONS

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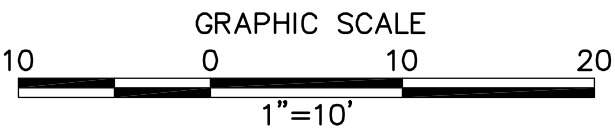
P:\16919 SD&E SPL\Helpads\Cadd\CDMM\Plan\Section 9B\9B-P146 CDM.dwg,May-26-201011:17



NUMBER	NORTHING	EASTING	DESCRIPTION
1	1866900.95	6525477.85	CORNER
2	1866907.31	6525484.22	CORNER
3	1866893.17	6525498.36	CORNER
4	1866886.80	6525491.99	CORNER

STRUCTURE NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	TOWER HEIGHT
P-146	500 KV EXHD Lattice Dead-end Tower	3.62	111.75

TEMPORARY COMMUNICATION TOWER LAYOUT
SCALE: 1" = 10'



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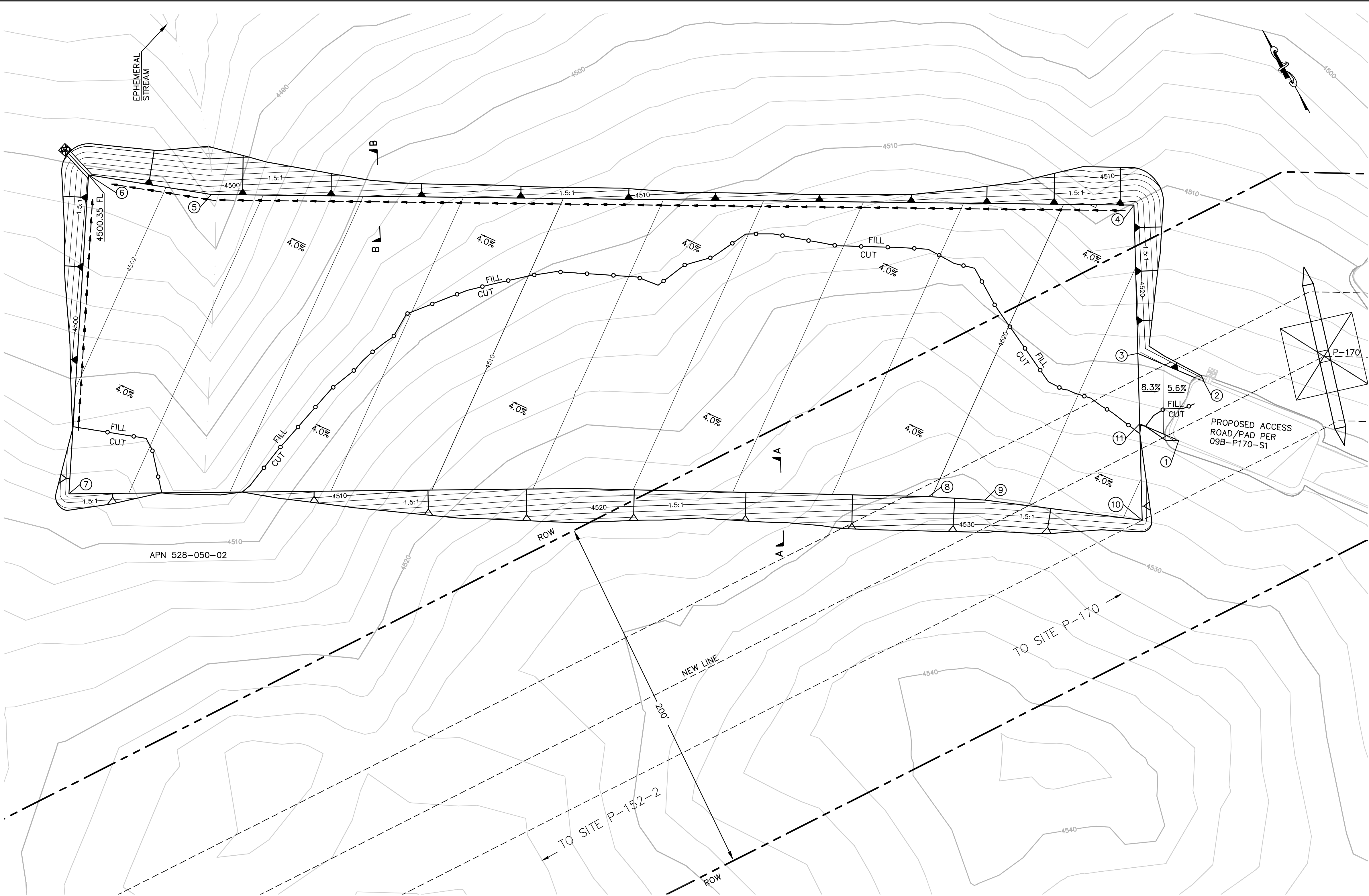
REVISIONS

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-9B (LINK 1)			
P-146 TEMPORARY COMMUNICATION TOWER			
DRAWN BY: 00	DATE:	SCALE: 1" = 20'	W.O. REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1 = 1		

09B-P146 COMM

P:\16919 SD&E SPL\CADD\09B\dwg\Plans\Pullsites\09B-P170-PS-A.dwg\May-27-201008:14



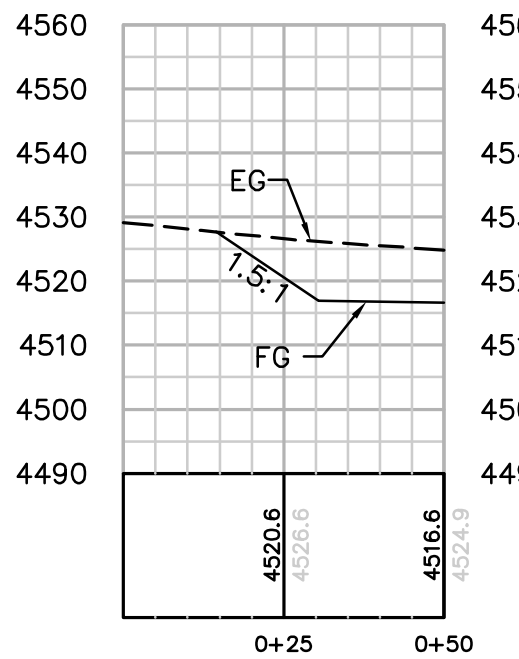
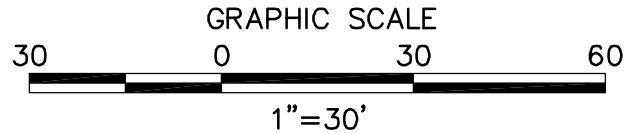
EARTH QUANTITIES:
CUT: 10,034 CY
FILL: 8,441 CY
NET: 1,593 CY

DISTURBED AREA:
PULLSITE: 110,695 SF

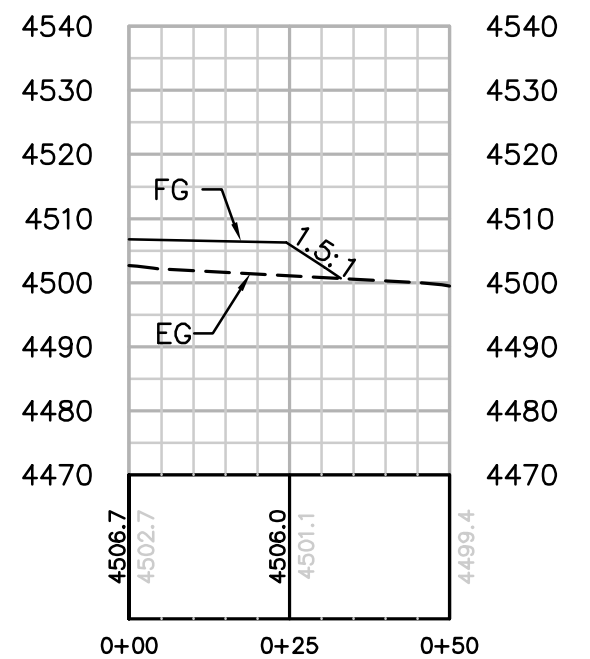
QUANTITIES
RIP RAP: 25 SF
DOWN DRAIN: 16 LF

PULL SITE P-170 (WEST) PLAN (TEMPORARY)
SCALE: 1" = 30'

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



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



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1866310.66	6533909.55	4521.06	FG
2	1866331.80	6533937.44	4520.77	FG
3	1866362.97	6533913.79	4522.81	FG
4	1866434.12	6533952.15	4521.41	FG
5	1866689.35	6533518.38	4502.96	FG
6	1866731.82	6533465.67	4500.35	FG
7	1866586.21	6533369.89	4502.81	FG
8	1866351.88	6533775.97	4519.94	FG
9	1866334.96	6533801.59	4521.09	FG
10	1866282.80	6533870.57	4524.39	FG
11	1866329.12	6533895.54	4523.48	FG

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-9B (LINK 1)
PULL SITE (WEST) P-170

DRAWN BY: 00
CHECKED BY:
APPROVED BY:
CAD NO:

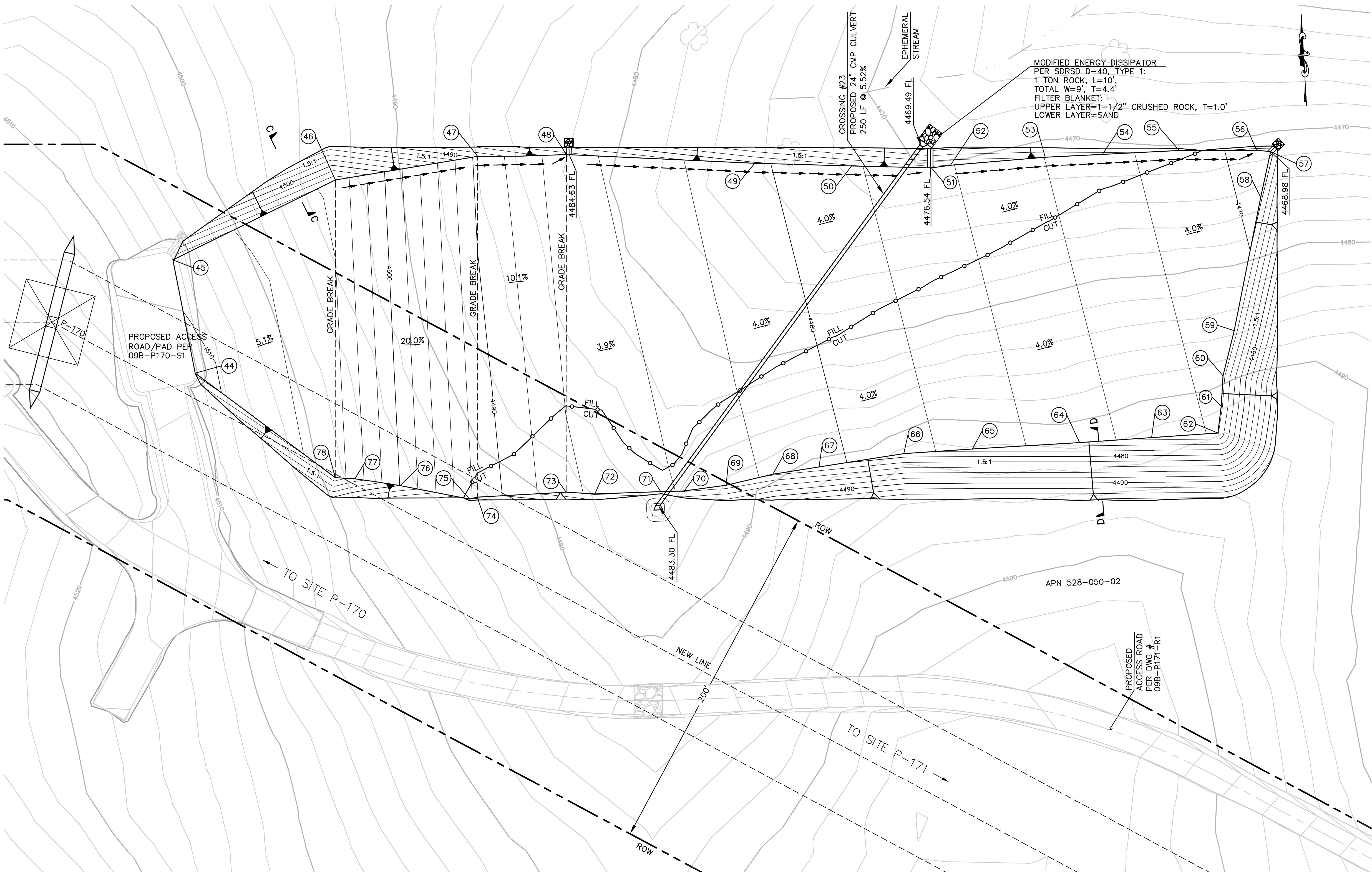
DATE:
DATE:
DATE:

SCALE: 1" = 60'
W.O.
PLOT SCALE: 1 = 1

REV. 0

09B-P170-PS-A

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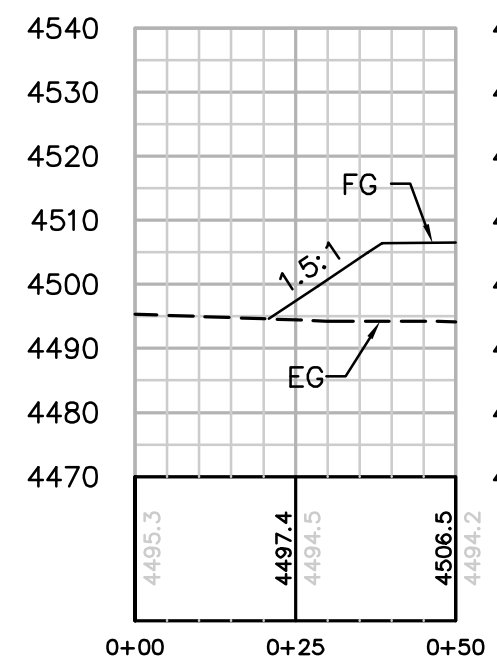
EARTH QUANTITIES: CUT: 12,651 CY
FILL: 11,246 CY
NET: 1,405 CY

DISTURBED AREA: PULLSITE: 116,119 SF

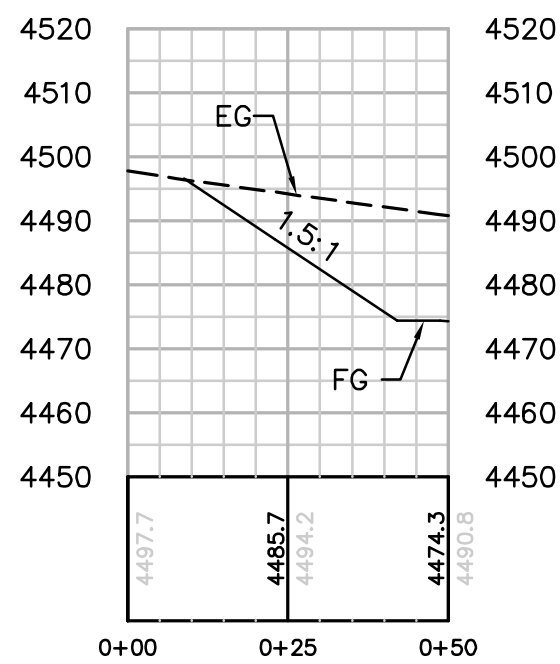
QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 20 LF
24" CMP: 250 LF
FLARED END SECTIONS: 2 EA
ENERGY DISSIPATOR: 90 SF

PULL SITE P-170 (EAST) PLAN (TEMPORARY)
SCALE: 1" = 30'

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



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



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

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
44	1866278.33	6534080.22	4510.64	FG
45	1866342.66	6534070.90	4509.46	FG
46	1866382.96	6534164.55	4505.56	FG
47	1866392.16	6534245.13	4489.45	FG
48	1866390.67	6534295.12	4484.75	FG
49	1866380.43	6534400.77	4480.34	FG
50	1866376.17	6534455.16	4478.25	FG
51	1866372.84	6534500.01	4476.51	FG
52	1866373.71	6534510.75	4476.09	FG
53	1866375.56	6534564.22	4473.97	FG
54	1866375.52	6534596.45	4472.71	FG
55	1866375.49	6534639.86	4471.01	FG
56	1866373.40	6534683.26	4469.29	FG
57	1866372.31	6534691.16	4468.98	FG
58	1866346.83	6534684.27	4469.46	FG
59	1866272.75	6534665.51	4470.81	FG
60	1866247.64	6534657.95	4471.31	FG
61	1866230.58	6534656.12	4471.52	FG
62	1866215.65	6534653.41	4471.74	FG
63	1866214.92	6534616.04	4473.22	FG
64	1866214.13	6534575.47	4474.81	FG
65	1866213.58	6534515.00	4477.19	FG
66	1866212.95	6534476.32	4478.71	FG
67	1866207.85	6534428.25	4480.63	FG
68	1866205.13	6534402.10	4481.68	FG
69	1866200.28	6534375.53	4482.76	FG
70	1866198.20	6534351.81	4483.81	FG
71	1866198.47	6534338.65	4484.31	FG
72	1866199.07	6534301.44	4485.75	FG
73	1866200.94	6534285.32	4486.37	FG
74	1866200.60	6534235.24	4491.43	FG
75	1866199.73	6534230.93	4492.29	FG
76	1866209.31	6534192.14	4499.97	FG
77	1866214.37	6534167.03	4505.01	FG
78	1866215.63	6534155.91	4507.23	FG

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-9B (LINK 1)
PULL SITE (EAST) P-170

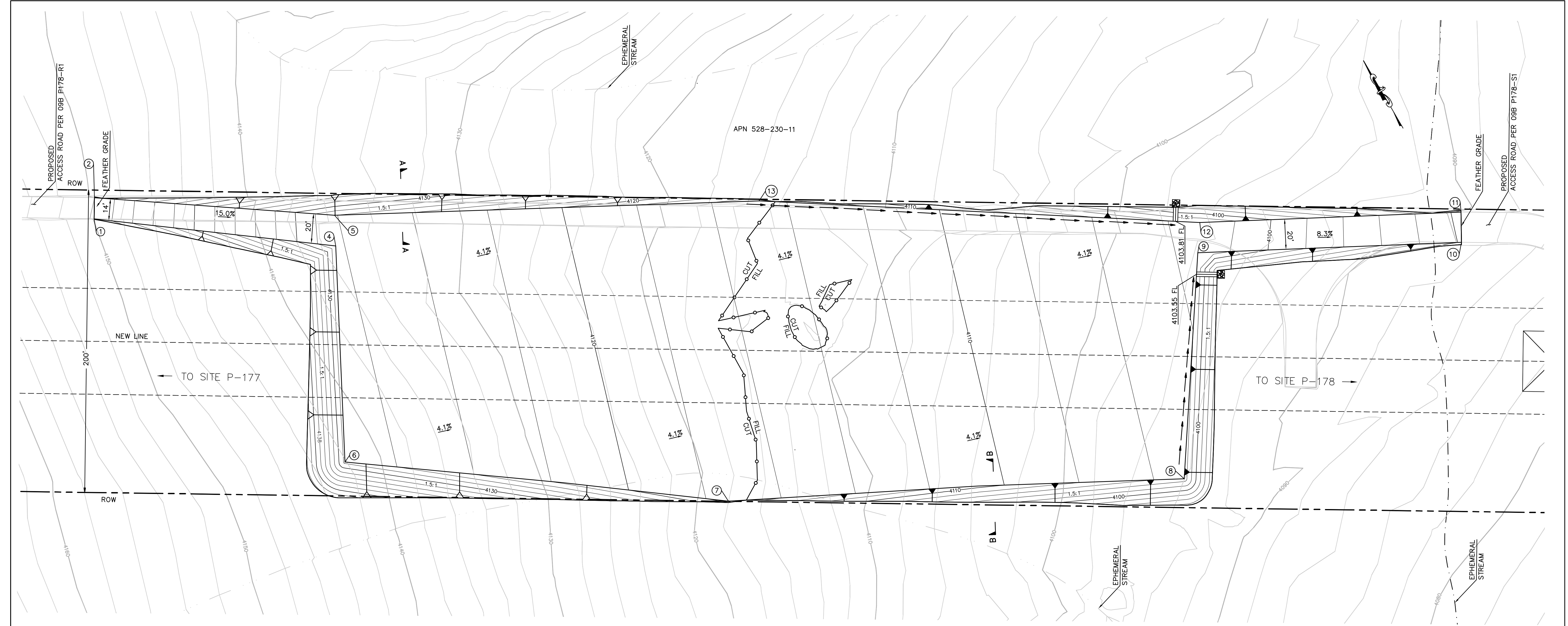
DRAWN BY: 00	DATE:	SCALE: 1" = 60' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO.:	PLOT SCALE: 1 = 1		

09B-P170-PS-B



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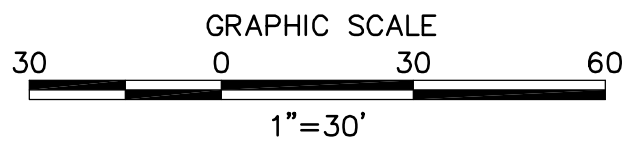


EARTH QUANTITIES: CUT: 12,465 CY
FILL: 10,946 CY
NET: 1,519 CY

DISTURBED AREA: PULLSITE: 128,306 SF

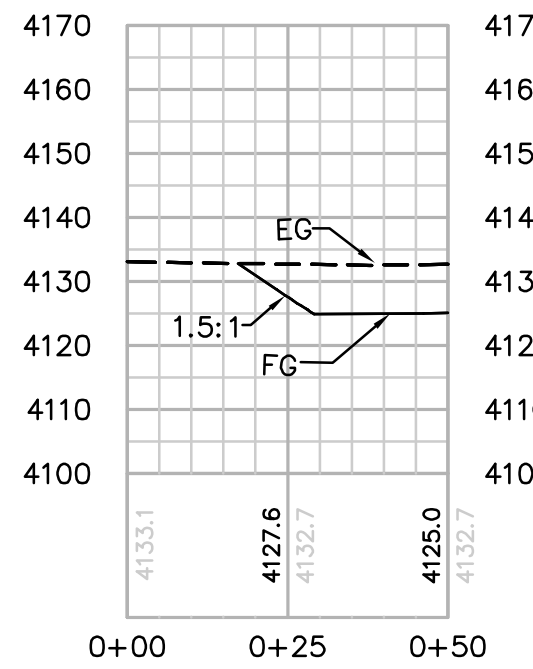
QUANTITIES RIP RAP: 50 SF
DOWN DRAIN: 24 LF

PULL SITE P-177 & P-178 PLAN (TEMPORARY)
SCALE: 1" = 30'

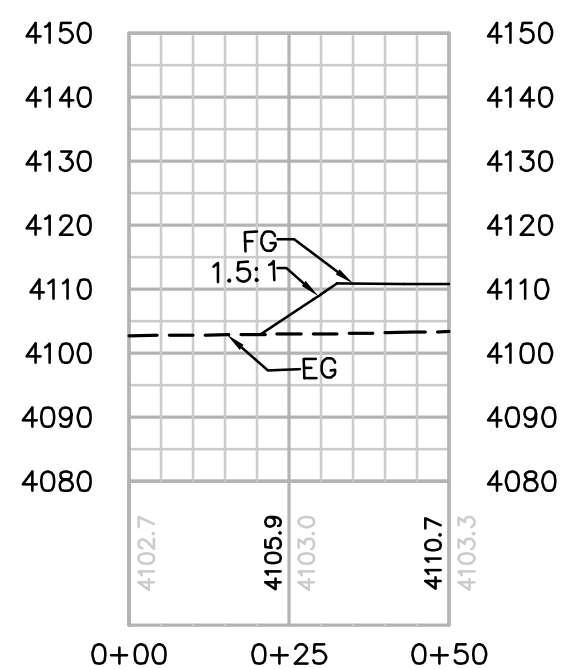


NOTE: GRADING IS TEMPORARY
ON TEMPORARY PULL SITE LOCATIONS
AND ACCESS ROADS.

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1861664.78	6541860.03	4149.72	FG
2	1861676.77	6541867.26	4150.00	FG
4	1861568.74	6541988.86	4126.24	FG
5	1861586.67	6541998.34	4126.08	FG
6	1861442.29	6541922.02	4127.35	FG
7	1861292.02	6542127.72	4117.42	FG
8	1861152.73	6542395.34	4105.19	FG
9	1861277.18	6542478.58	4103.69	FG
10	1861195.26	6542632.52	4089.80	FG
11	1861212.69	6542642.35	4089.43	FG
12	1861293.91	6542489.77	4103.97	FG
13	1861453.16	6542245.50	4114.72	FG



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



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

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-9B (LINK 1)

PULL SITE P-177 & P-178

DRAWN BY: 00

CHECKED BY:

APPROVED BY:

CAD NO:

DATE:

DATE:

DATE:

DATE:

SCALE: 1" = 30'

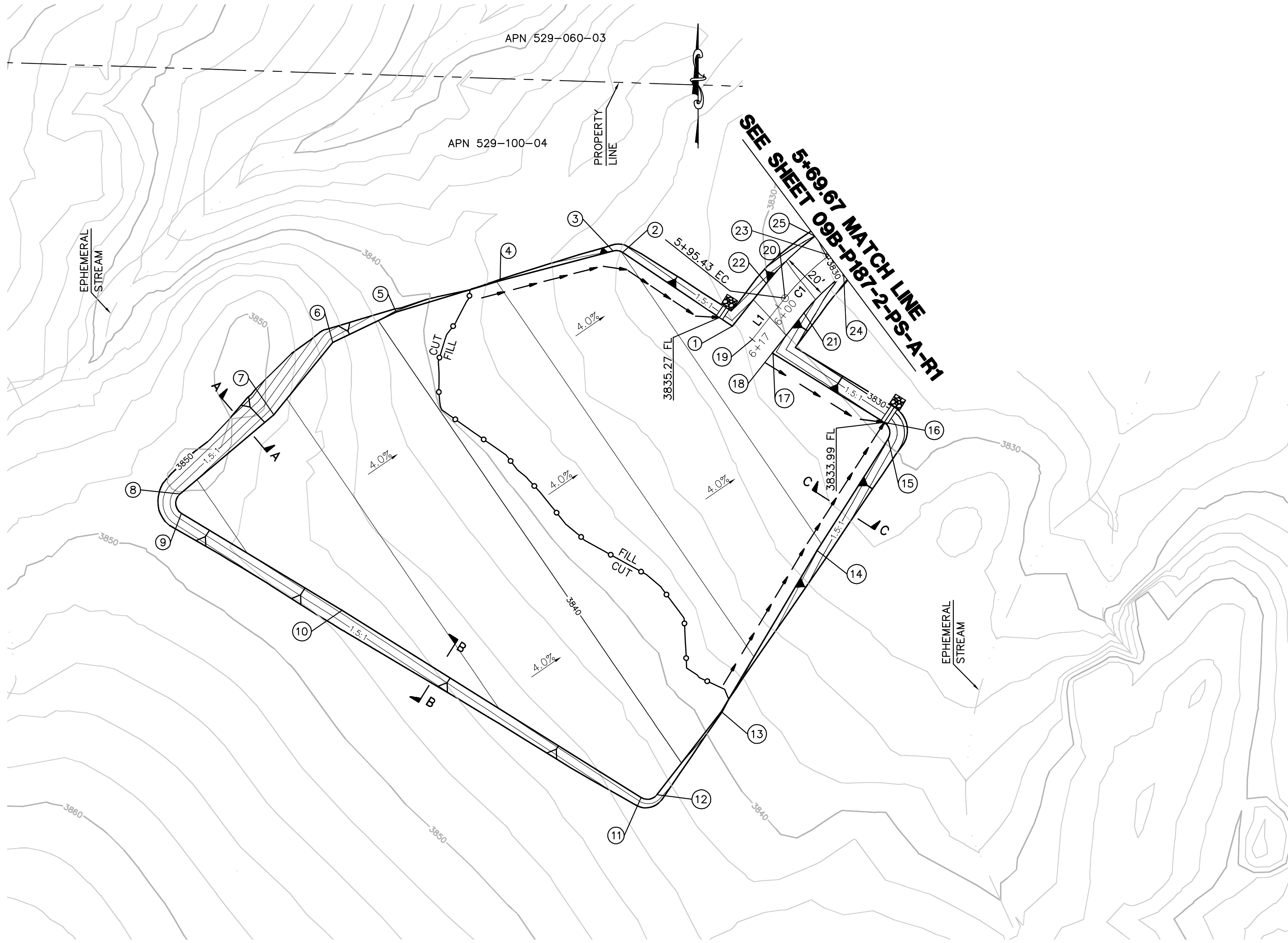
W.O.

1" = 1

REV. 0

9B-P177&P178-PS

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EARTH QUANTITIES: CUT: 1,781 CY
FILL: 1,396 CY
NET: 385 CY

DISTURBED AREA: PULLSITE: 42,120 SF
ROAD: 1,356 SF
TOTAL: 43,476 SF

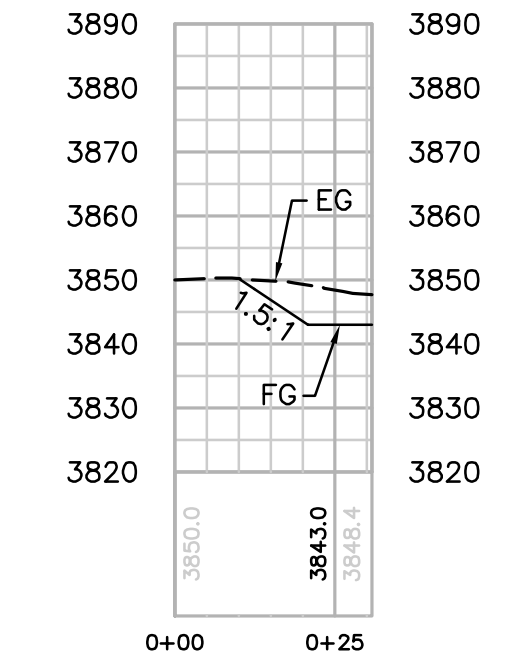
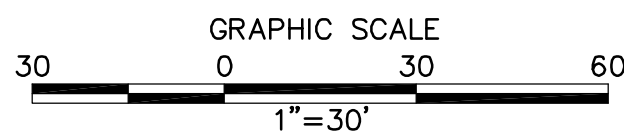
QUANTITIES: DOWN DRAIN: 13 SF
RIP RAP: 50 SF

LENGTH OF ACCESS ROAD: 48 LF

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

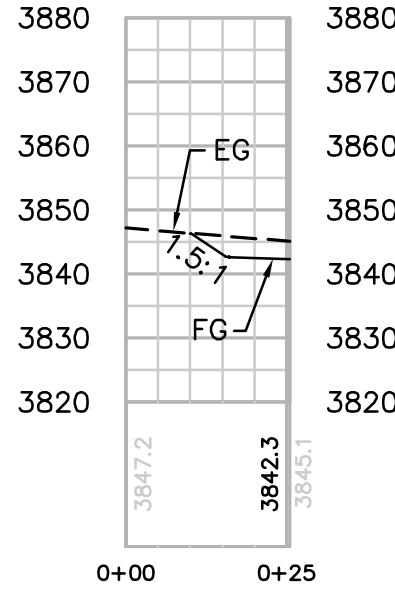
PULL SITE (SOUTH) P-187-2 PLAN (TEMPORARY)

SCALE: 1" = 30'



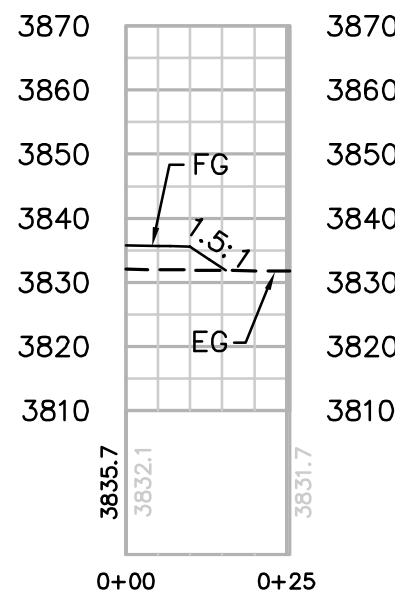
SECTION A-A

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



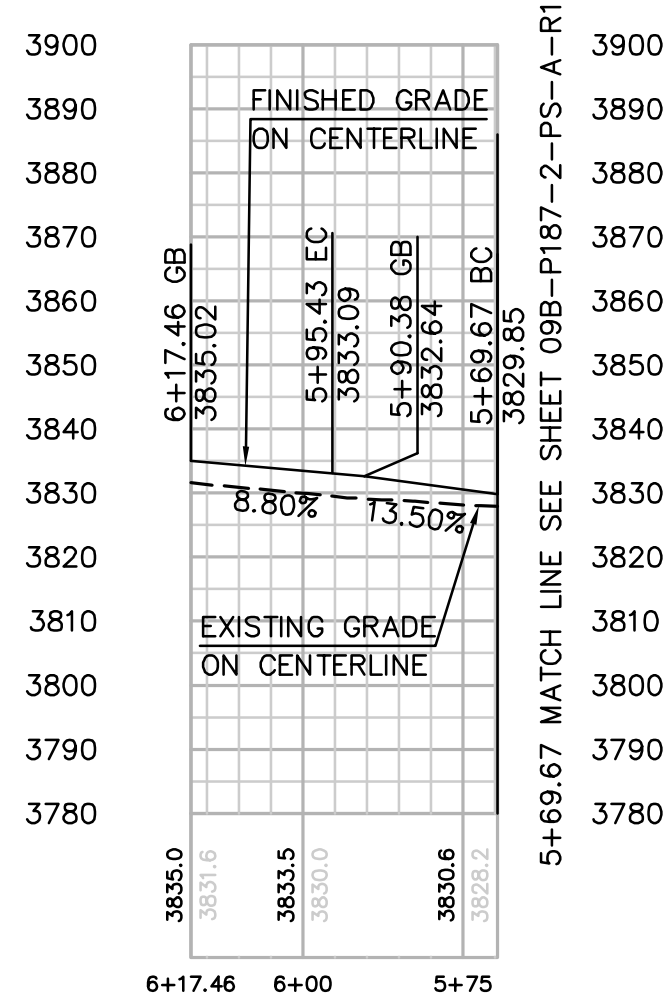
SECTION B-B

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



SECTION C-C

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

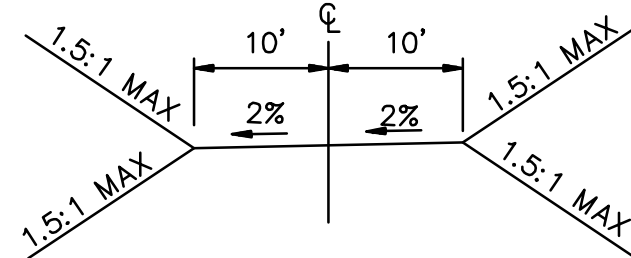


PROFILE: ACCESS ROAD TO PULL SITE (SOUTH) P-187-2-A

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

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C1	100.00	25.75	14°45'16"
L1		22.03	S38°29'10"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1854518.95	6553729.10	3835.17	FG
2	1854549.68	6553683.33	3835.99	FG
3	1854550.36	6553679.27	3836.10	FG
4	1854537.92	6553632.13	3837.94	FG
5	1854524.83	6553588.76	3839.67	FG
6	1854512.11	6553562.21	3840.83	FG
7	1854481.96	6553537.67	3842.32	FG
8	1854448.86	6553498.39	3844.37	FG
9	1854440.76	6553499.03	3844.53	FG
10	1854400.19	6553566.11	3843.24	FG
11	1854322.02	6553691.02	3840.88	FG
12	1854323.19	6553697.62	3840.64	FG
13	1854357.89	6553724.52	3838.97	FG
14	1854425.21	6553764.50	3836.12	FG
15	1854471.82	6553794.15	3834.09	FG
16	1854478.75	6553792.56	3833.99	FG
17	1854507.52	6553746.12	3834.87	FG
18	1854507.76	6553745.76	3834.88	FG
19	1854513.36	6553737.43	3835.02	CL
20	1854530.60	6553751.14	3833.09	CL/EC
21	1854524.38	6553758.97	3832.89	EC
22	1854536.82	6553743.32	3833.29	EC
23	1854548.48	6553769.57	3829.85	CL/BC
24	1854540.47	6553775.56	3829.65	BC
25	1854556.49	6553763.59	3830.05	BC



TYPICAL ACCESS ROAD CROSS SECTION
STA 5+69.67 TO 6+17.46

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-9B (LINK 1)

PULL SITE (SOUTH) P-187-2

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1" = 1'			

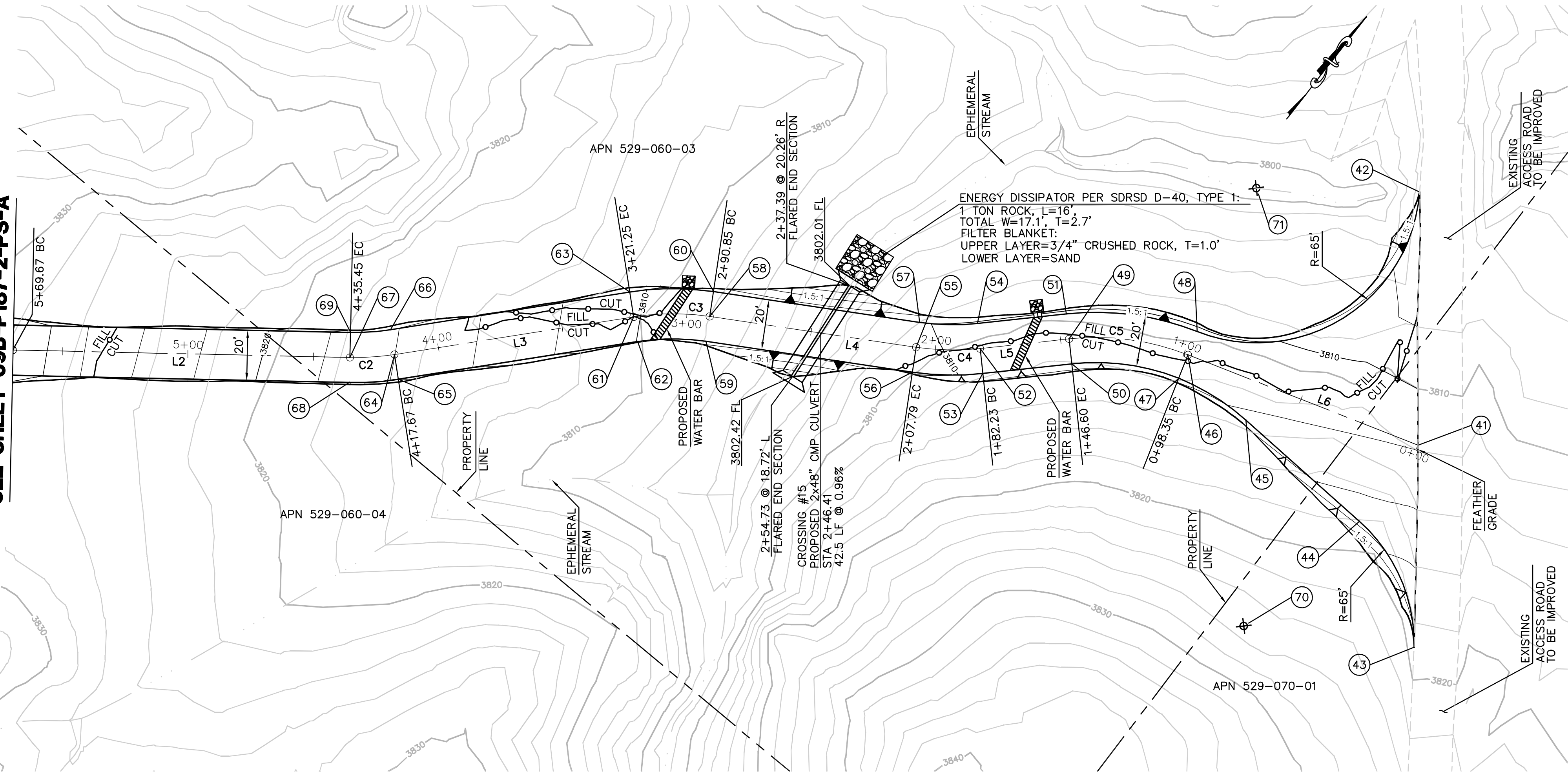
09B-P187-2-PS-A



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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5+69.67 MATCH LINE
SEE SHEET 09B-P187-2-PS-A



EARTH QUANTITIES: DISTURBED AREA:
CUT: 280 CY
FILL: 417 CY
NET: 137 CY

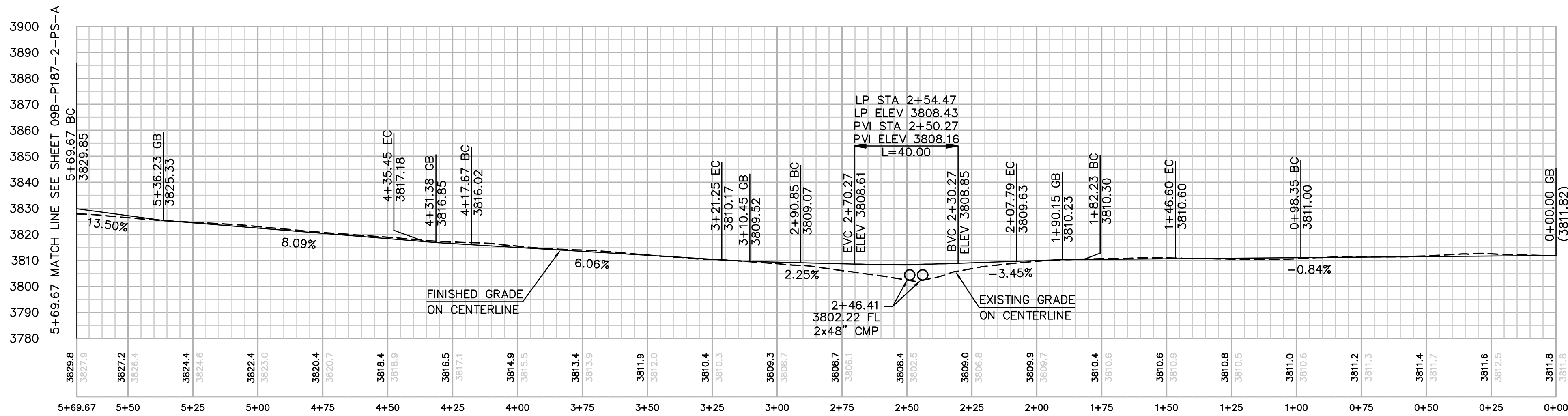
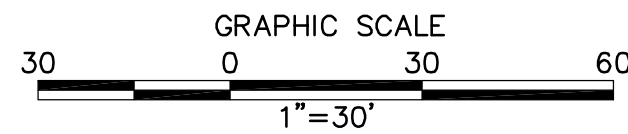
ROAD: 17,900 SF
TOTAL: 17,900 SF

QUANTITIES
RIP RAP: 50 SF
DOWN DRAIN: 2 LF
DOUBLE FLARED END SECTIONS: 2 EA
48" CMP: 85 LF
ENERGY DISSIPATOR: 274 SF

LENGTH OF ACCESS ROAD: 570 LF

ACCESS ROAD TO PULL SITE (SOUTH) P-187-2 (TEMPORARY)

SCALE: 1" = 30'



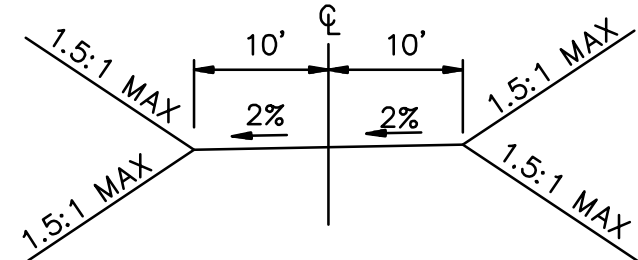
PROFILE: ACCESS ROAD TO PULL SITE (SOUTH) P-187-2-A

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

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

CENTERLINE DATA			
NUMBER	RADIUS	LENGTH	BEARING/DELTA ANGLE
C2	100.00	17.78	10°11'15"
C3	100.00	30.40	17°25'08"
C4	100.00	25.57	14°38'54"
C5	100.00	48.25	27°38'44"
L2		134.22	S53°14'26"W
L3		96.42	S43°03'10"W
L4		83.06	S60°28'18"W
L5		35.63	S45°49'23"W
L6		98.35	S73°28'07"W

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
41	1854863.04	6554233.68	(3811.82)	CL
42	1854942.95	6554172.18	(3806.83)	BC
43	1854798.80	6554281.96	(3818.86)	BC
44	1854824.88	6554233.99	3814.97	EC
45	1854828.79	6554173.55	3812.52	BC
46	1854835.06	6554139.40	3811.00	CL/BC
47	1854825.47	6554142.24	3810.80	PCC
48	1854844.64	6554136.55	3811.20	PRC
49	1854810.91	6554098.17	3810.60	CL/EC
50	1854803.74	6554105.13	3810.40	EC
51	1854818.08	6554091.20	3810.80	EC
52	1854786.08	6554072.62	3810.30	CL/BC
53	1854778.91	6554079.58	3810.10	BC
54	1854793.26	6554065.65	3810.50	BC
55	1854770.79	6554052.21	3809.63	CL/EC
56	1854762.09	6554057.14	3809.43	EC
57	1854779.49	6554047.28	3809.83	EC
58	1854729.86	6553979.94	3809.07	CL/BC
59	1854721.16	6553984.87	3808.87	BC
60	1854738.56	6553975.02	3809.27	BC
61	1854711.11	6553956.16	3810.17	CL/EC
62	1854704.29	6553963.46	3809.97	EC
63	1854717.94	6553948.85	3810.37	EC
64	1854640.66	6553890.33	3816.02	CL/BC
65	1854633.83	6553897.64	3815.82	BC
66	1854647.48	6553883.03	3816.22	BC
67	1854628.81	6553877.11	3817.18	CL/EC
68	1854620.80	6553883.09	3816.98	EC
69	1854636.82	6553871.12	3817.38	EC
70	1854763.66	6554223.35		RP
71	1854904.15	6554119.96		RP



TYPICAL ACCESS ROAD CROSS SECTION
STA 0+00.00 TO 5+69.67

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-9B (LINK 1)

ACCESS ROAD TO PULL SITE (SOUTH) P-187-2

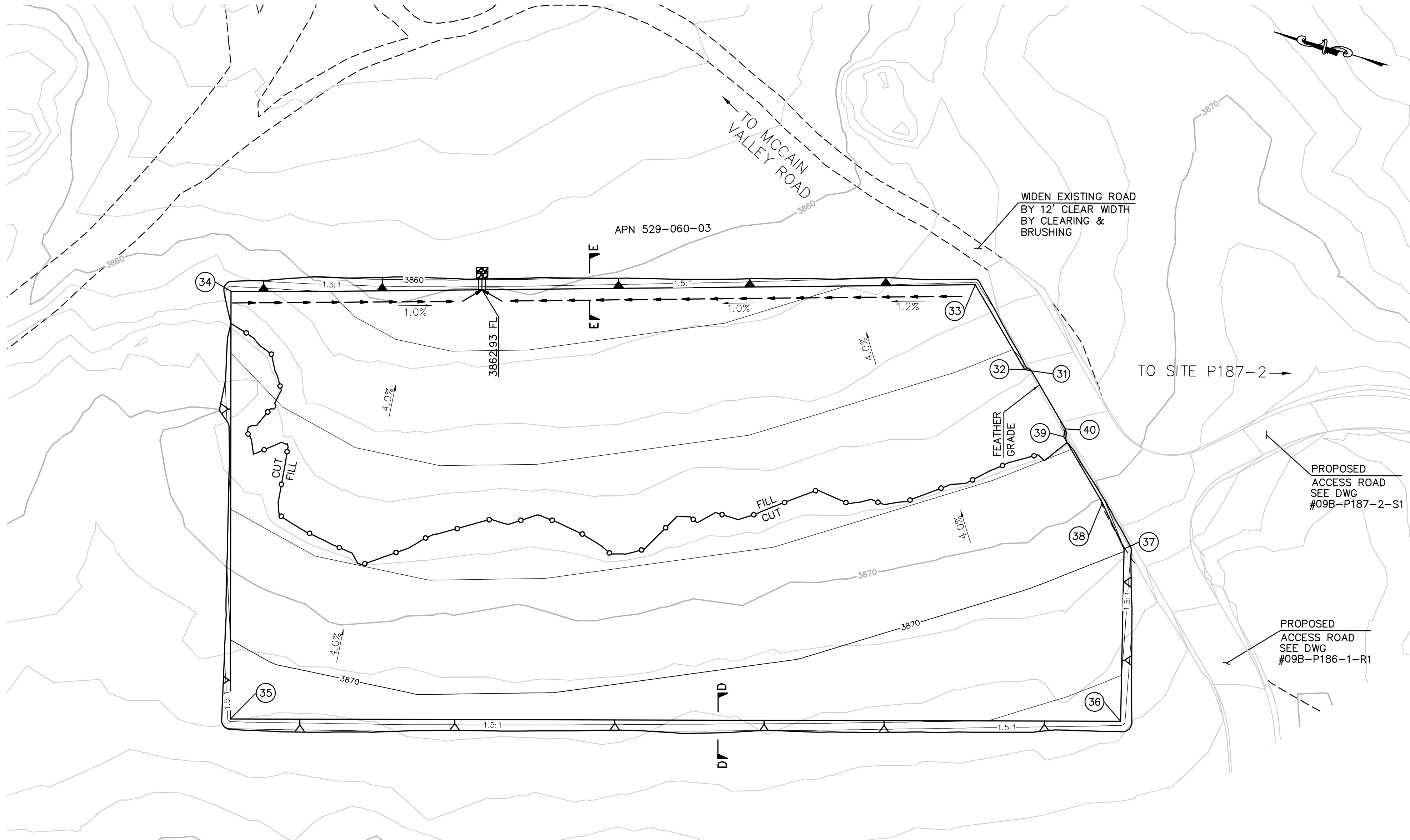
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CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1 = 1			

09B-P187-2-PS-A-R1



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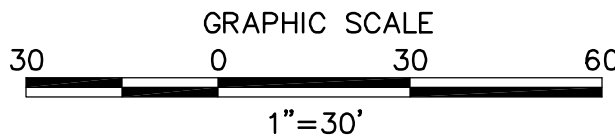




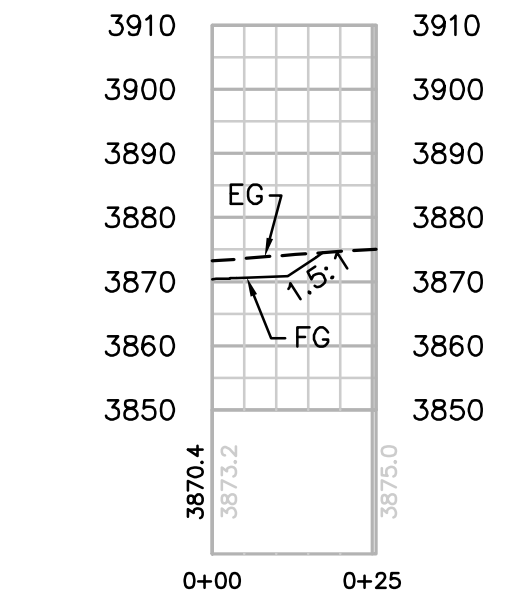
EARTH QUANTITIES:	DISTURBED AREA:	QUANTITIES
CUT: 2,135 CY	PULLSITE: 74,465 SF	RIP RAP: 25 SF
FILL: 1,784 CY	ROAD: 0 SF	DOWN DRAIN: 5 LF
NET: 351 CY	TOTAL: 74,465 SF	

PULL SITE (NORTH) P187-2 PLAN (TEMPORARY)

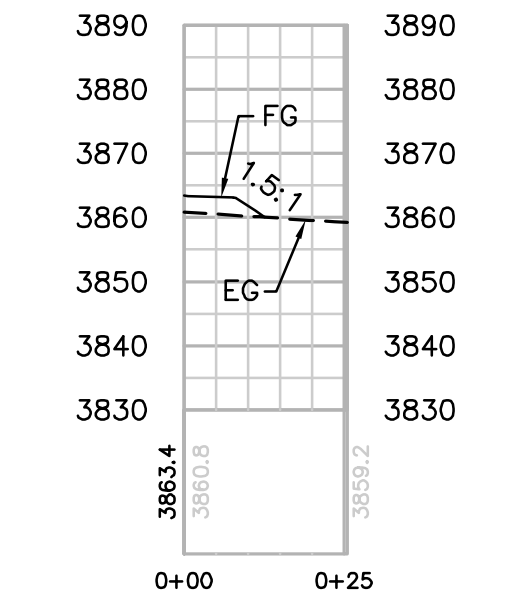
SCALE: 1" = 30'



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
31	1855180.53	6553063.83	3866.25	EG
32	1855183.52	6553063.48	3866.40	FG
33	1855215.26	6553092.38	3864.70	FG
34	1855524.92	6552991.86	3865.47	FG
35	1855469.04	6552813.41	3871.21	FG
36	1855097.26	6552929.37	3872.74	FG
37	1855118.45	6553001.66	3869.96	FG
38	1855133.62	6553018.04	3869.07	FG
39	1855158.41	6553040.61	3867.74	FG
40	1855158.75	6553044.00	3868.24	EG



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



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

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

REVISIONS

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

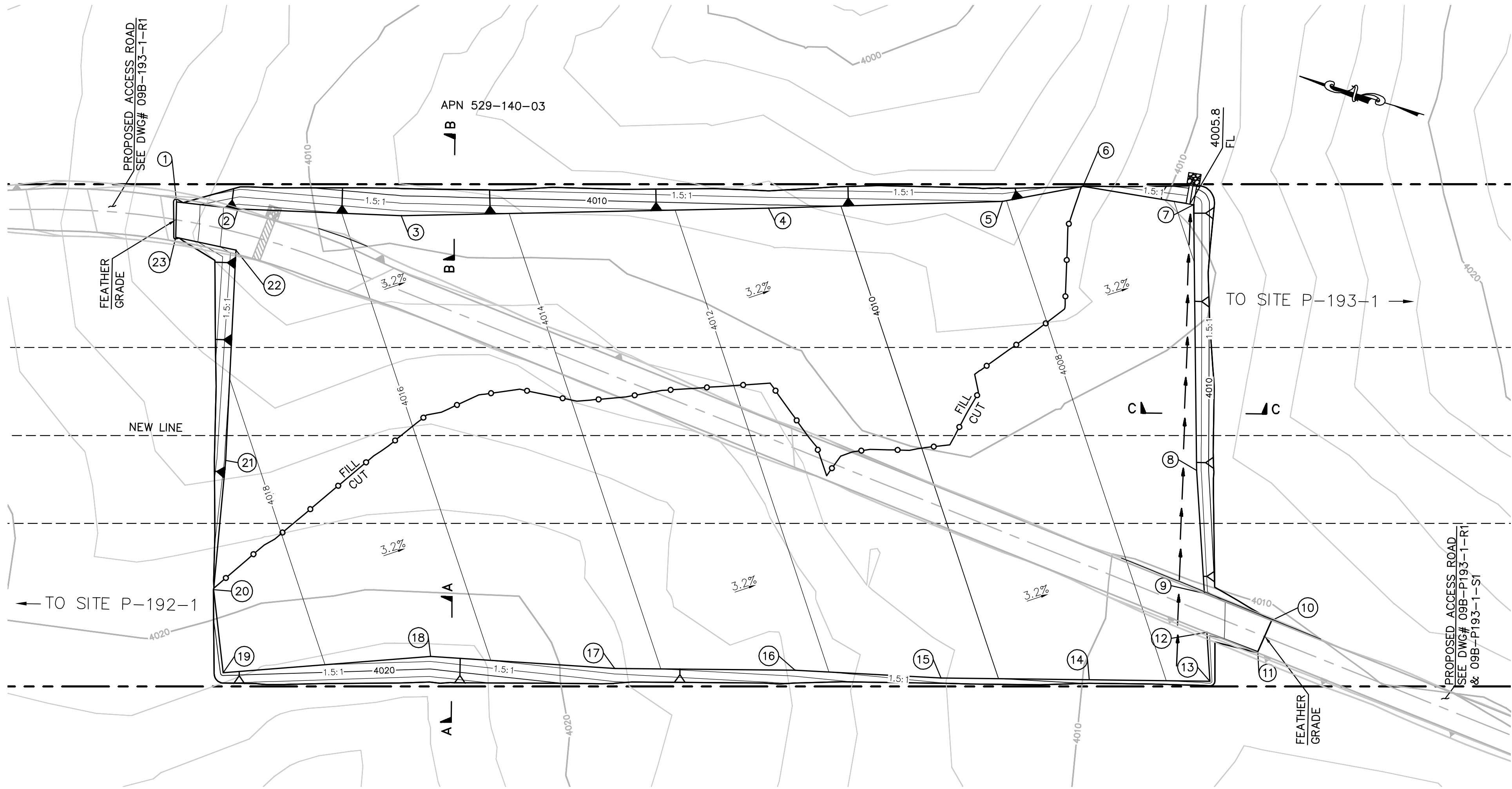
SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SPL-9B (LINK 1)

PULL SITE (NORTH) P-187-2

DRAWN BY: 00	DATE:	SCALE: 1" = 60'	W.O.	REV. 0
CHECKED BY:	DATE:			
APPROVED BY:	DATE:			
CAD NO:	PLOT SCALE: 1" = 1'			

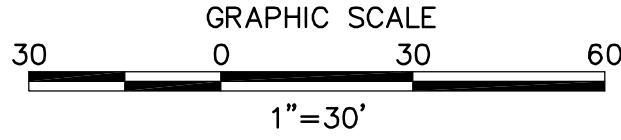
09B-P187-2-PS-B



EARTH QUANTITIES: DISTURBED AREA: QUANTITIES
CUT: 3653 CY PULLSITE: 58,551 SF RIP RAP: 25 SF
FILL: 3216 CY DOWN DRAIN: 8 LF
NET: 437 CY

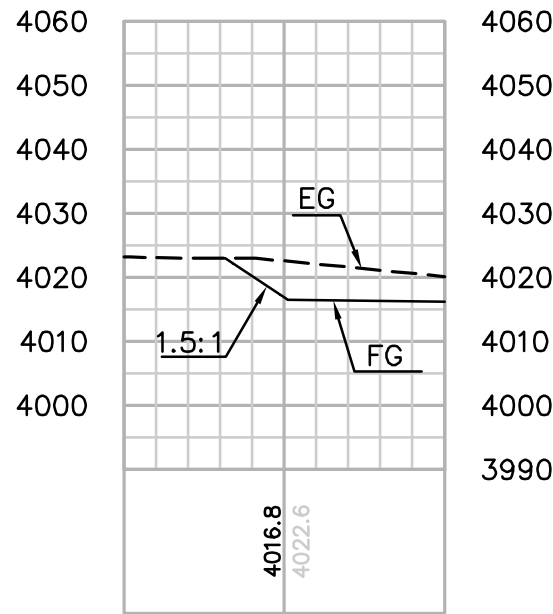
PULL SITE P-192-1 PLAN (TEMPORARY)

SCALE: 1" = 30'



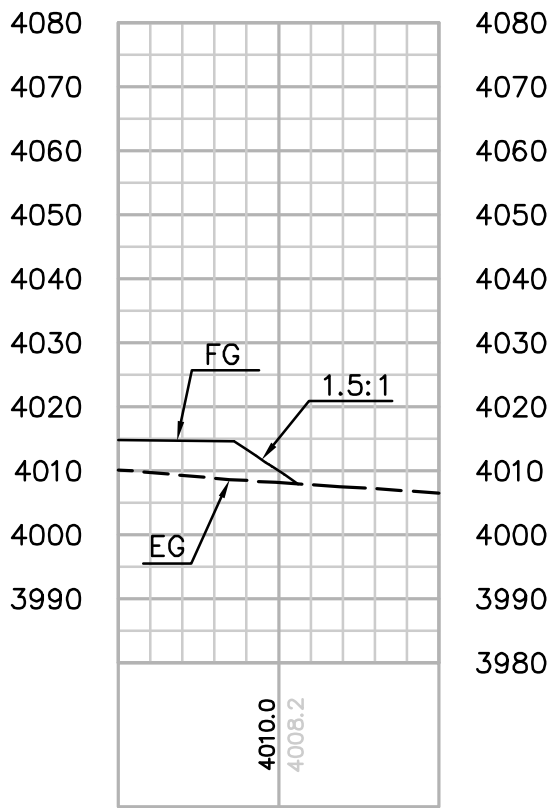
NOTE: GRADING IS TEMPORARY ON
TEMPORARY PULL SITE LOCATIONS AND
ACCESS ROADS.

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1848155.52	6555295.73	4012.00	FG
2	1848131.37	6555300.40	4017.23	FG
3	1848068.38	6555317.25	4015.30	FG
4	1847929.54	6555363.81	4010.88	FG
5	1847841.27	6555394.20	4008.05	FG
6	1847812.43	6555409.50	4007.03	FG
7	1847768.19	6555415.68	4005.78	FG
8	1847735.46	6555315.05	4006.80	FG
9	1847717.87	6555269.16	4007.20	FG
10	1847689.10	6555266.93	4009.78	FG
11	1847690.64	6555253.37	4009.31	FG
12	1847712.32	6555254.69	4007.32	FG
13	1847705.34	6555236.48	4007.48	FG
14	1847751.42	6555222.69	4008.92	FG
15	1847808.09	6555205.71	4010.68	FG
16	1847864.49	6555191.33	4012.40	FG
17	1847933.34	6555170.49	4014.55	FG
18	1848004.83	6555153.13	4016.70	FG
19	1848081.79	6555122.29	4019.25	FG
20	1848095.33	6555152.75	4019.03	FG
21	1848106.08	6555203.27	4018.37	FG
22	1848127.23	6555284.47	4017.41	FG
23	1848151.66	6555282.17	4012.00	FG



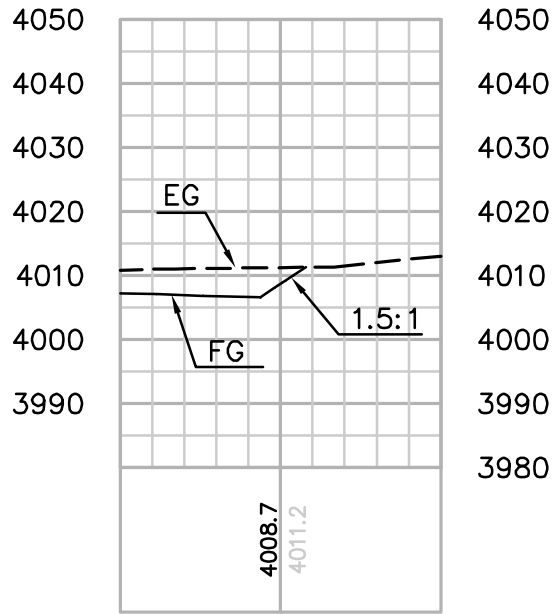
SECTION A-A

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



SECTION B-B

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



SECTION C-C

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

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-9B (LINK 1)
PULL SITE P-192-1

DRAWN BY: 00	DATE:	SCALE: 1" = 60' W.O.	REV. 0
CHECKED BY:	DATE:		
APPROVED BY:	DATE:		
CAD NO:	PLOT SCALE: 1" = 1'		

09B-P192-1-PS



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San Diego, CA 92127-1624
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SUNRISE POWERLINK PROJECT

SECTION 9B (LINK 1)

500kV LINE

GENERAL NOTES

1. A PERMIT SHALL BE OBTAINED FROM THE SAN DIEGO COUNTY DEPARTMENT OF PUBLIC WORKS FOR ANY WORK WITHIN THE COUNTY PUBLIC STREET RIGHT-OF-WAY.
2. THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH SAN DIEGO COUNTY STANDARDS AND AS APPROVED BY THE COUNTY'S MATERIALS LABORATORY.
3. APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
4. IMPORT MATERIAL SHALL BE OBTAINED FROM A LEGAL SITE.
5. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS GUTTER AND PAVING.
6. ALL SLOPES OVER THREE FEET IN HEIGHT WILL BE PLANTED IN ACCORDANCE WITH SAN DIEGO COUNTY SPECIFICATIONS.
7. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
8. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF PROPOSED WORK SHALL BE GIVEN TO THE FOLLOWING AGENCIES: SAN DIEGO GAS & ELECTRIC, PACIFIC BELL, CABLE TV, WATER DISTRICT, AND SANITATION DISTRICT.
9. A SOILS REPORT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
10. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
11. ALL MAJOR SLOPES SHALL BE ROUNDED INTO EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.
12. NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE PERMITTEE IS RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTY. NO PERSON SHALL EXCAVATE ON LAND SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET, SIDEWALK ALLEY, FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM, OR ANY OTHER PUBLIC OR PRIVATE PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM SETTLING, CRACKING, EROSION SILTING, SCOUR OR OTHER DAMAGE WHICH MIGHT RESULT FROM THE GRADING DESCRIBED ON THIS PLAN. THE COUNTY WILL HOLD THE PERMITTEE RESPONSIBLE FOR CORRECTION OF NON-DEPICTED IMPROVEMENTS WHICH DAMAGE ADJACENT PROPERTY.
13. POWER SOURCES AND RUNS SERVING STREET LIGHTS SHALL BE SHOWN ON THE "AS-BUILT " IMPROVEMENT DRAWINGS. ALL SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY, OR WITHIN EASEMENTS DEDICATED TO THE COUNTY OF SAN DIEGO.
14. SPECIAL CONDITION: IF ANY ARCHEOLOGICAL RESOURCES ARE DISCOVERED ON THE SITE OF THIS GRADING DURING GRADING OPERATIONS, SUCH OPERATIONS WILL CEASE IMMEDIATELY, AND THE PERMITTEE WILL NOTIFY THE DIRECTOR OF PUBLIC WORKS OF THE DISCOVERY. GRADING OPERATIONS WILL NOT RECOMMENCE UNTIL THE PERMITTEE HAS RECIEVED WRITTEN AUTHORITY FROM THE DIRECTOR OF PUBLIC WORKS.
15. NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
16. PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. COUNTY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS. (IF APPLICABLE)
17. FINISHED GRADING SHALL BE CERTIFIED BY A REGISTERED CIVIL ENGINEER AND INSPECTED BY THE COUNTY ENGINEER FOR DRAINAGE CLEARANCE.

CONTRACTOR'S NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRATOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD COUNTY OF SAN DIEGO HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF COUNTY OF SAN DIEGO PROFESSIONALS.

ENGINEER'S NOTE

UNAUTHORIZED CHANGES & USES: THE ENGINEER OF WORK PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

PLAN SHEET INDEX:

- | | |
|---------|------------------------------------|
| SHEET 1 | GENERAL NOTES & KEY MAP |
| SHEET 2 | LEGEND,NOTES,ABBREVIATIONS&DETAILS |
| SHEET 3 | TRAFFIC CONTROL DETAILS |
| SHEET 4 | PERMIT 9B-1&2 |
| SHEET 5 | PERMIT 9B-3&4 |
| SHEET 6 | PERMIT 9B-5 |

UNDERGROUND SERVICE ALERT



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422-4133

"CAUTION": TWO WORKING DAYS BEFORE YOU DIG REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY. NOTIFIES ONLY THOSE UTILITIES BELONGING TO

WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

FOR DIRECTOR OF PUBLIC WORKS _____ DATE _____

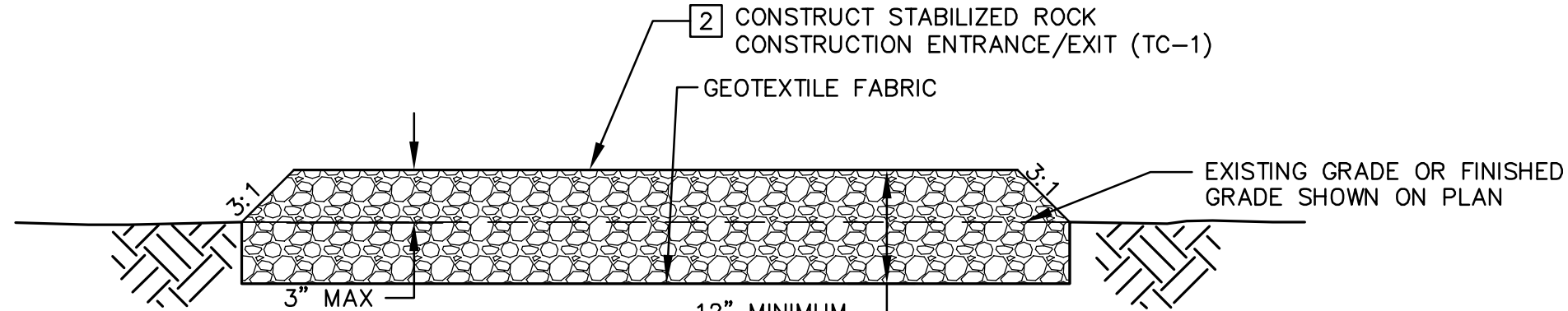
 Bureau Veritas North America 11590 West Bernardo Court Suite 100 San Diego, CA 92127-1624 Tel: (658) 451-6100 Fax: (658) 451-2846 www.us.bureauveritas.com	LEGAL DESCRIPTION ASSESSORS PARCEL NO. _____	LEGAL DESCRIPTION ASSESSORS PARCEL NO. _____		PERMITS REZONE PERMIT NO. _____ SPECIAL USE PERMIT NO. _____ GRADING PERMIT NO. _____				BENCH MARK NAME: H116 LOCATION: N 1838891.823 E 6422319.031 DESCRIPTION: USBM ELEVATION: 2442.400' DATUM: NAVD 88 NAME: HOT SPRING LOCATION: N 1804471.890 E 6582919.609 DESCRIPTION: USBM ELEVATION: 2799.320' DATUM: NAVD 88		PRIVATE CONTRACT SHEET 1 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 6 SHEETS IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK PRIVATE ROADWAY / DRIVEWAY PLANS SECTION 9B IMPROVEMENTS TITLT SHEET ENGINEER OF WORK STEPHEN K. SMITH R.C.E. 29706 CHECKED BY: _____ IMPROVEMENT PLAN NO. _____ SPL-9B (LINK 1) 09B-DWY-01							
	RECORD PLAN NAME: _____ R.C.E. _____ DATE: _____	RECORD PLAN NAME: _____ R.C.E. _____ DATE: _____		COUNTY APPROVED CHANGES <table><tr><td>NO.</td><td>DESCRIPTION</td><td>APPROVED BY</td><td>DATE</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>				NO.	DESCRIPTION	APPROVED BY	DATE					NAME: _____ LOCATION: _____ DESCRIPTION: _____ ELEVATION: _____ DATUM: _____	
	NO.	DESCRIPTION		APPROVED BY	DATE												

CONSTRUCTION NOTE:

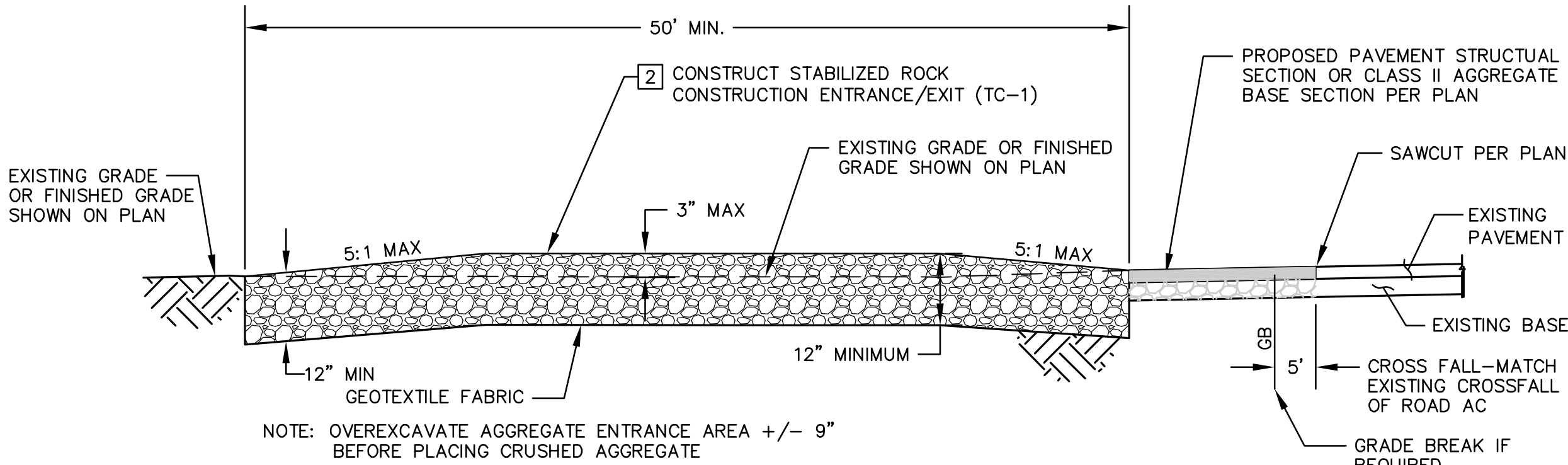
- [1] CONSTRUCT * ASPHALT CONCRETE OVER * CLASS II AGGREGATE BASE**
- [2] CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
- [3] SAWCUT AND JOIN EXISTING PAVEMENT
- [4] CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
- [5] INSTALL SIGN W11-10 (TRUCK) WITH W13-1P (XX MPH).
- [6] PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1,TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3
- [7] CONSTRUCT 6" AC BERM PER COUNTY STD G-5, TYPE A.
- [8] CONSTRUCT FENCE AND/OR GATE PER SDG&E.
- [9] CONSTRUCT 2" AC OVERLAY
- [10] CONSTRUCT CULVERT. (SIZE TO MATCH EXISTING)
- [11] CONSTRUCT COLLAR

NOTE:

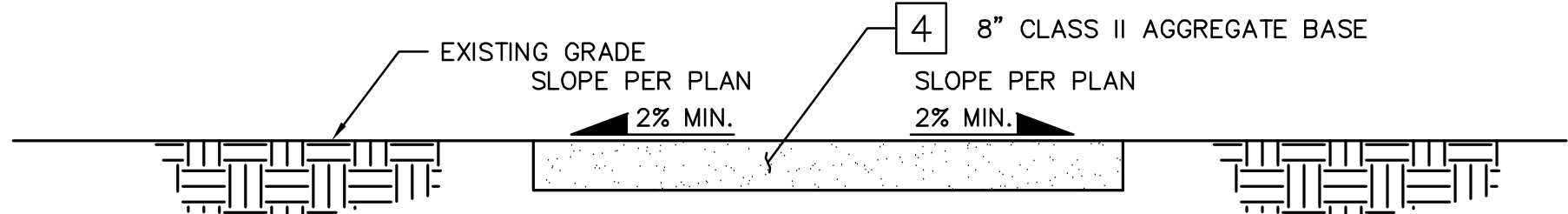
1. * STRUCTURAL SECTION IS SHOWN ON PLANS
2. ** THE PAVEMENT STRUCTURAL SECTION SUBGRADE SHALL BE PREPARED AS FOLLOWS: 12 INCHES OF SUBGRADE SHALL BE REMOVED AND RECOMPACTED TO 95% RELATIVE COMPACTION PER ASTM D1557. IN ADDITION THE SUBGRADE SHOULD BE PROOF ROLLED TO ELIMINATE PUMPING OF SUBGRADE.
3. STABILIZED ROCK SHALL BE CRUSHED AGGREGATE GREATER THAN 3" BUT SMALLER THAN 6". COMPACT TO FILL VOID SPACES TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
4. TC-1 PER STORM WATER BMP HAND BOOK. ROCK SHALL BE COMPACTED PER NOTE ABOVE.



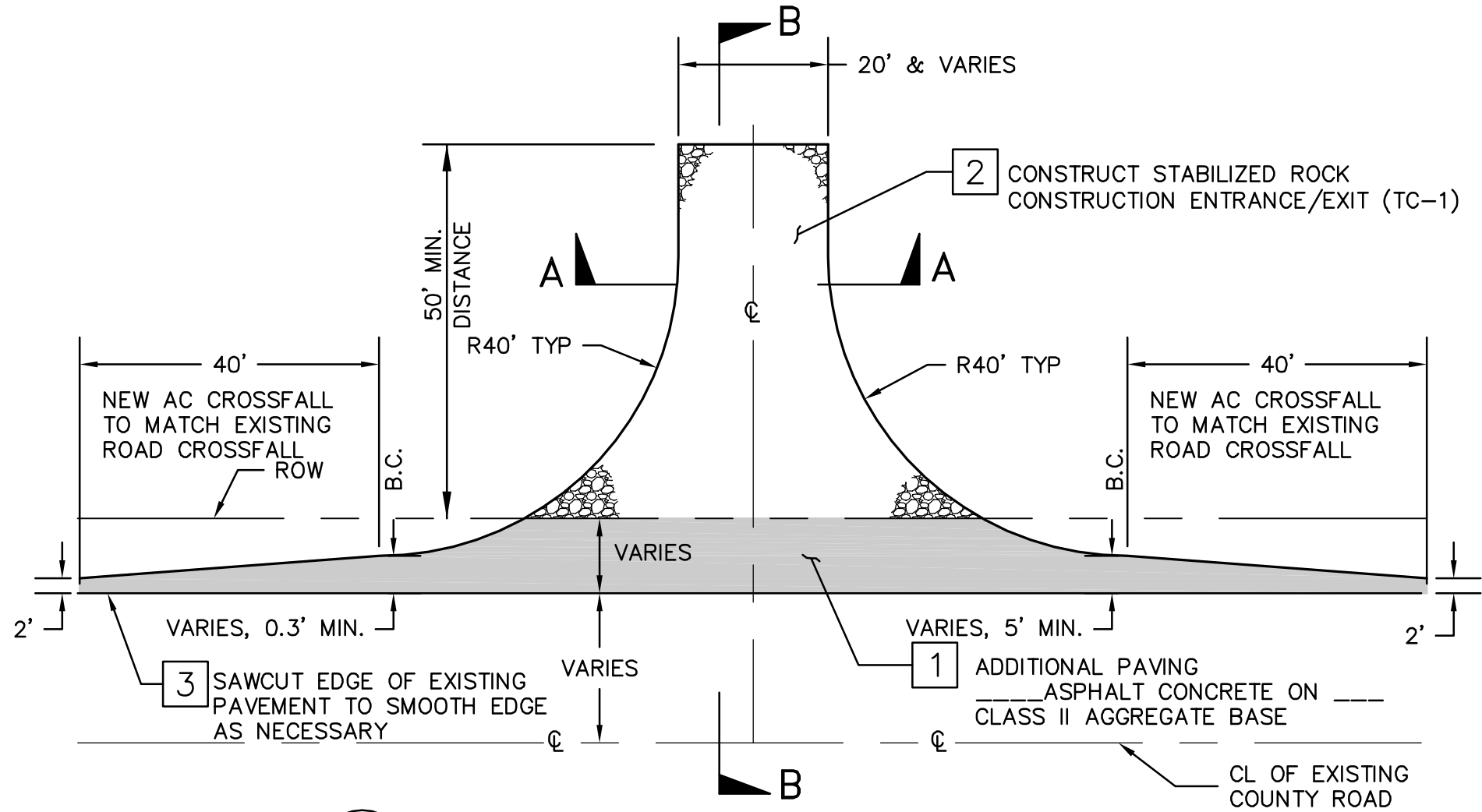
SECTION A-A
NOT TO SCALE



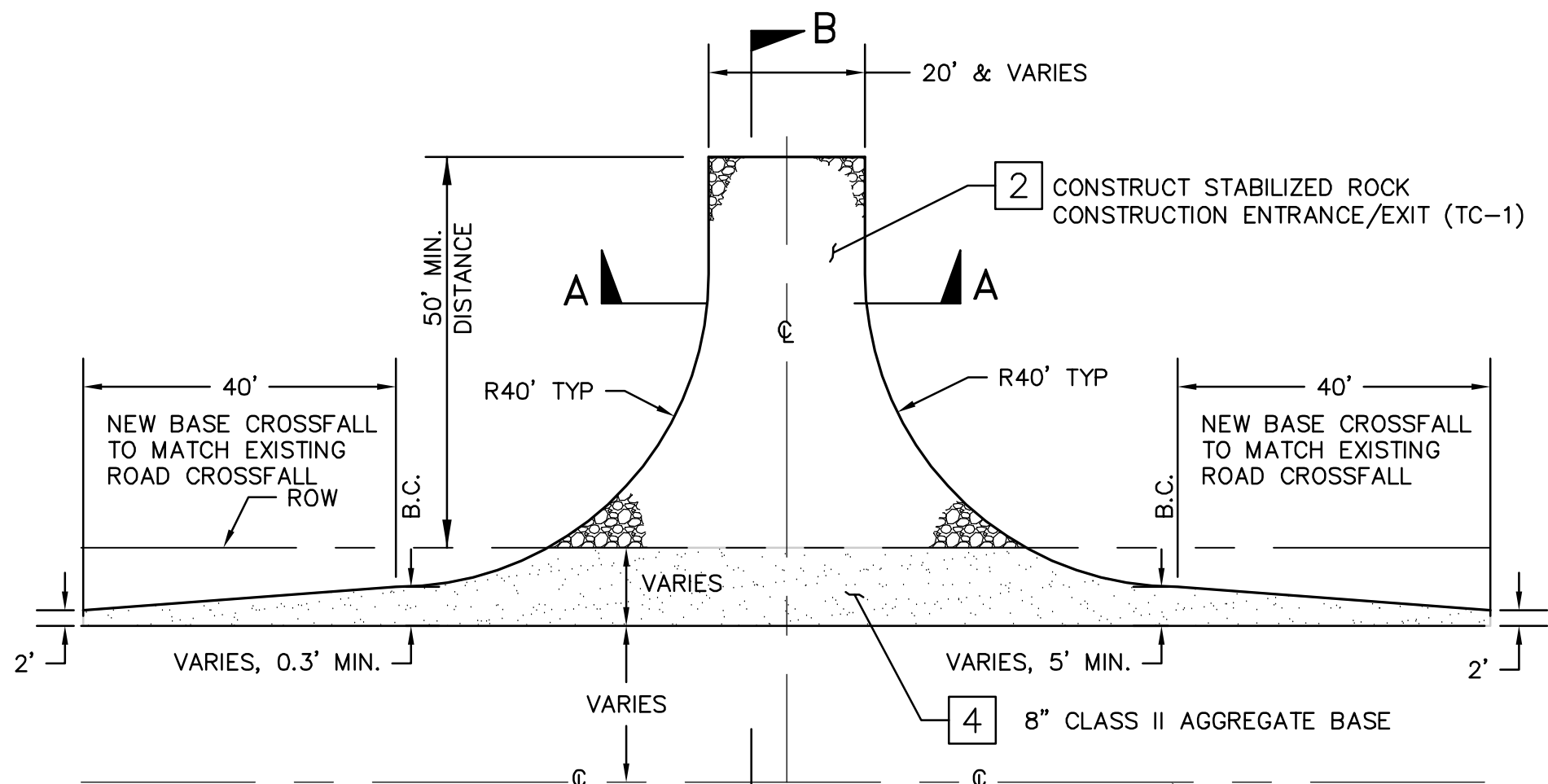
SECTION B-B
NOT TO SCALE



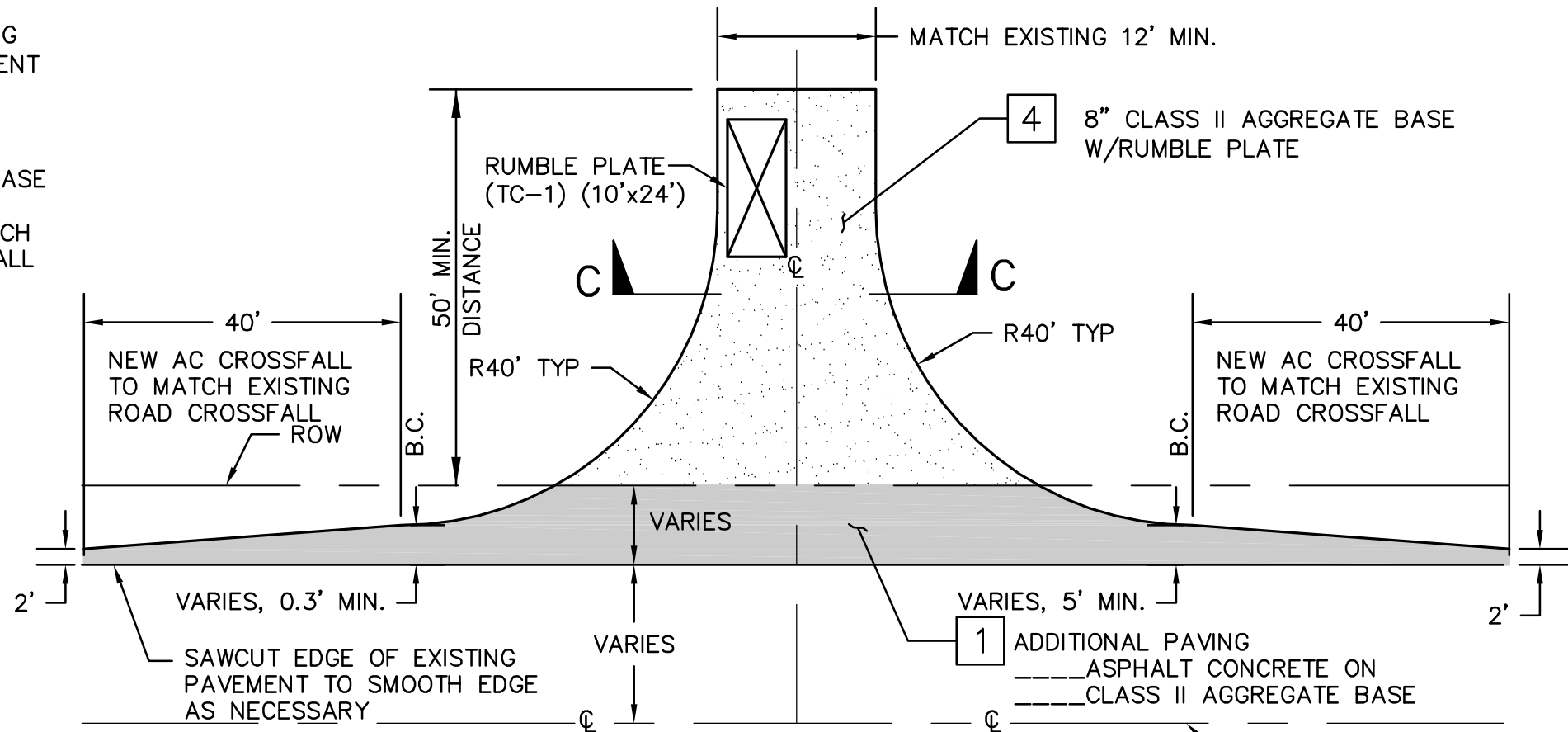
SECTION C-C
NOT TO SCALE



A
TYPICAL TRANSITION AT NEW SDG&E PRIVATE ROAD CONNECTION
NOT TO SCALE



B
TYPICAL TRANSITION AT SDG&E-TEMPORARY ACCESS ROAD
NOT TO SCALE



C
TYPICAL TRANSITION AT EXISTING ROADS-SDG&E PERMANENT USE
NOT TO SCALE

ABBREVIATIONS

AC	ASPHALT CONCRETE PAVING
BW	BOTTOM OF WALL AT FINISHED GROUND
CMP	CORRUGATED METAL PIPE
D/S	DOWN STREAM
(EG)	EXISTING GRADE
FG	FINISHED GRADE
FL	FLOW LINE
GB	GRADE BREAK
PP	POWER POLE
RC	RELATIVE COMPACTION
RD	ROAD
TW	TOP OF WALL
U/S	UP STREAM
EA	EACH
LS	LUMP SUM

LEGEND

	PROPOSED ASPHALT
	STABILIZED ROCK
	CLASS II AGGREGATE BASE
	SECTION
	INDICATES NEW TOWER
	INDICATES EXISTING STEEL POLE
	NEW POWER LINE
	RIGHT-OF-WAY LINE
	DETAIL LABEL
	TRAFFIC SIGN

WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

FOR DIRECTOR OF PUBLIC WORKS _____ DATE _____



LEGAL DESCRIPTION	LEGAL DESCRIPTION
ASSESSORS PARCEL NO. _____	ASSESSORS PARCEL NO. _____
RECORD PLAN	RECORD PLAN
NAME: _____	NAME: _____
R.C.E. _____	R.C.E. _____
DATE: _____	DATE: _____

ENGINEER OF WORK	PERMITS
	REZONE PERMIT NO. _____
NAME: STEPHEN K. SMITH	SPECIAL USE PERMIT NO. _____
PHONE NO. (658)451-6100	GRADING PERMIT NO. _____
ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127	

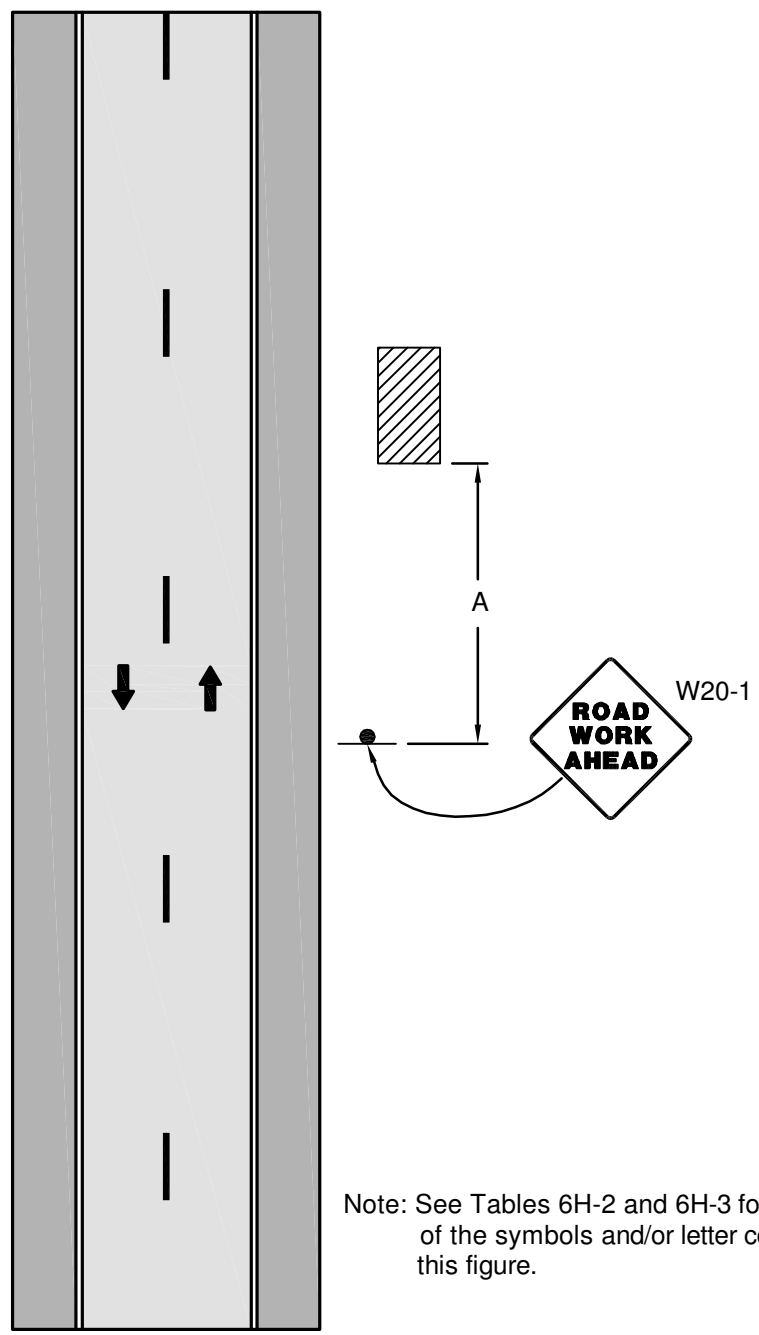
COUNTY APPROVED CHANGES
NO. _____ DESCRIPTION _____ APPROVED BY _____ DATE _____

BENCH MARK
NAME: H116
LOCATION: N 1838891.823 E 6422319.031
DESCRIPTION: USBM
ELEVATION: 2442.400' DATUM: NAVD 88
NAME: HOT SPRING
LOCATION: N 1804471.890 E 6582919.609
DESCRIPTION: USBM
ELEVATION: 2799.320' DATUM: NAVD 88
NAME: _____
LOCATION: _____
DESCRIPTION: _____
ELEVATION: _____ DATUM: _____

PRIVATE CONTRACT		
SHEET 2	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	6 SHEETS
IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK		
CONSTRUCTION NOTES, DETAILS, ABBREVIATIONS, AND LEGEND		
ENGINEER OF WORK: <u>STEPHEN K. SMITH</u> R.C.E. <u>29706</u>	CHECKED BY: _____	IMPROVEMENT PLAN NO. _____
SPL-9B (LINK 1)	09B-DWY-02	

p:\16919 sdg&e sp\agency permit list\exhibits\cadd\9b\plan\3-9b- tc details.dwg\1/10 9:57 AM

FIGURE 6H-1. WORK BEYOND THE SHOULDER (TA-1)



Notes for Figure 6H-1—Typical Application 1
Work Beyond the Shoulder

Guidance:

1. If the work space is in the median of a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

Option:

2. The ROAD WORK AHEAD sign may be replaced with other appropriate signs such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.
3. The ROAD WORK AHEAD sign may be omitted where the work space is behind a barrier, more than 24 inches behind the curb, or 15 feet or more from the edge of any roadway.
4. For short-term, short duration or mobile operation, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

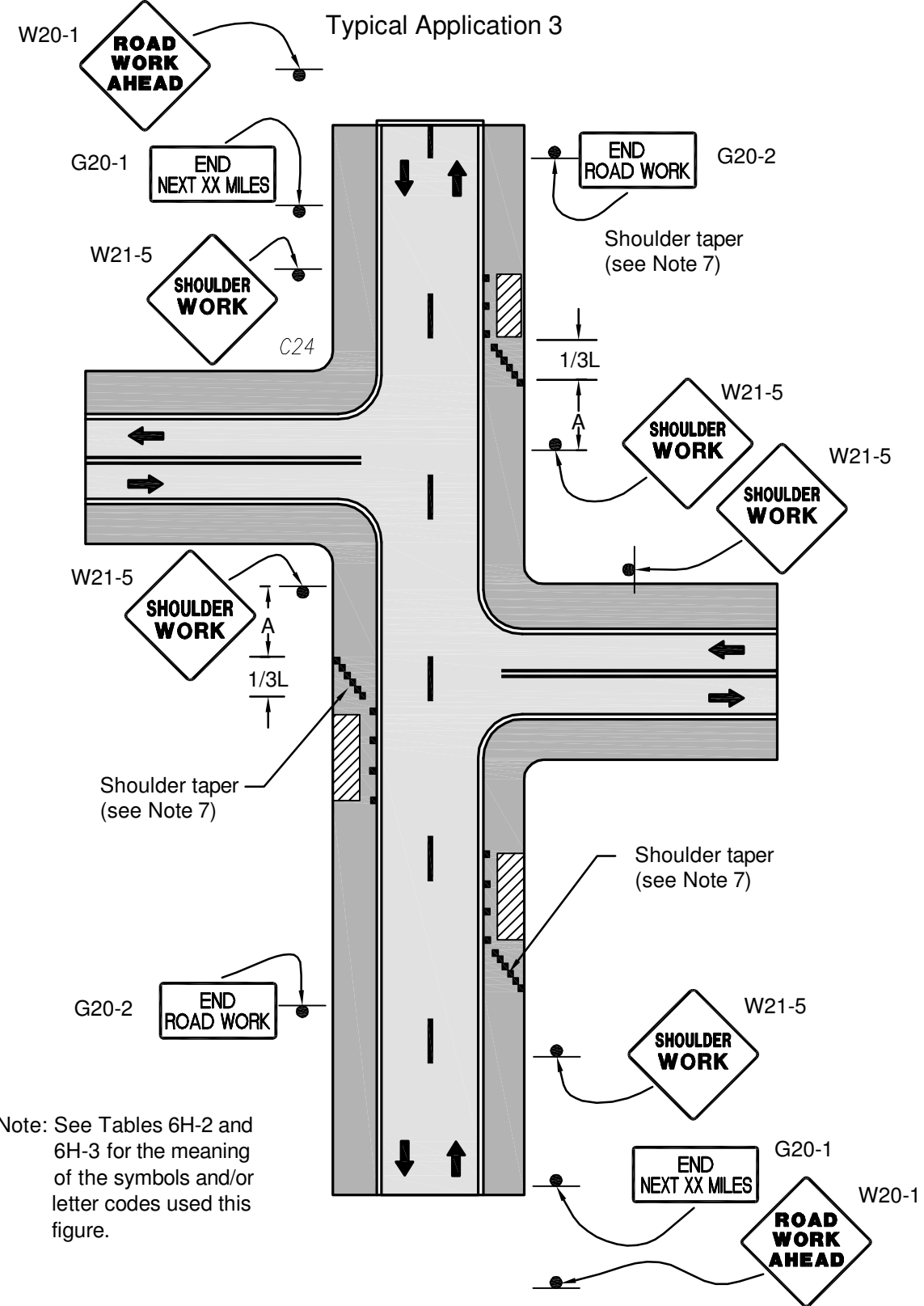
** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "test sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
W = width of offset in feet
S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

FIGURE 6H-3. WORK ON THE SHOULDERS (TA-3)



Notes for Figure 6H-3—Typical Application 3
Work on the Shoulders

Guidance:

1. A SHOULDER WORK sign should be placed on the left side of the roadway for a divided or one-way street only if the left shoulder is affected.

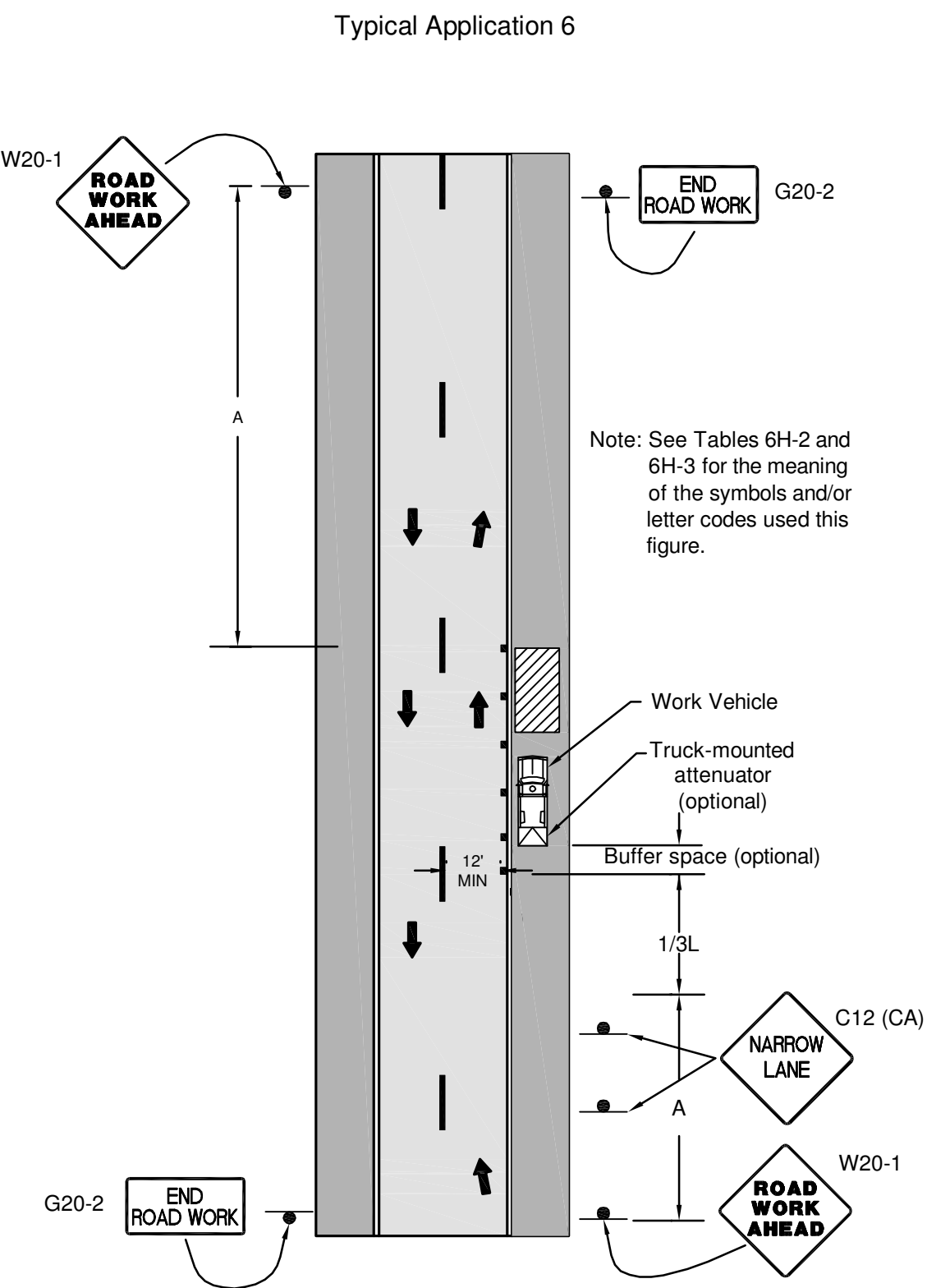
Option:

2. The Workers symbol signs may be used instead of SHOULDER WORK signs.
3. The SHOULDER WORK AHEAD sign on an intersecting roadway may be omitted where drivers emerging from that roadway will encounter another advance warning sign prior to this activity area.
4. For short duration operations of 60 minutes or less, all signs and channelizing devices may be eliminated if a vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
5. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

6. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.
7. When paved shoulders having a width of 8 feet or more are closed, at least one advance warning sign shall be used. In addition, channelizing devices shall be used to close the shoulder in advance to delineate the beginning of the work space and direct vehicular traffic to remain within the traveled way.

FIGURE 6H-6. SHOULDER WORK WITH MINOR ENCROACHMENT (TA-6)



Notes for Figure 6H-6—Typical Application 6
Shoulder Work with Minor Encroachment

Guidance:

1. All lanes should be a minimum of 10 feet in width as measured to the near face of the channelizing devices.
2. The treatment shown should be used on a minor road having low speeds. For higher-speed traffic conditions, a lane closure should be used.

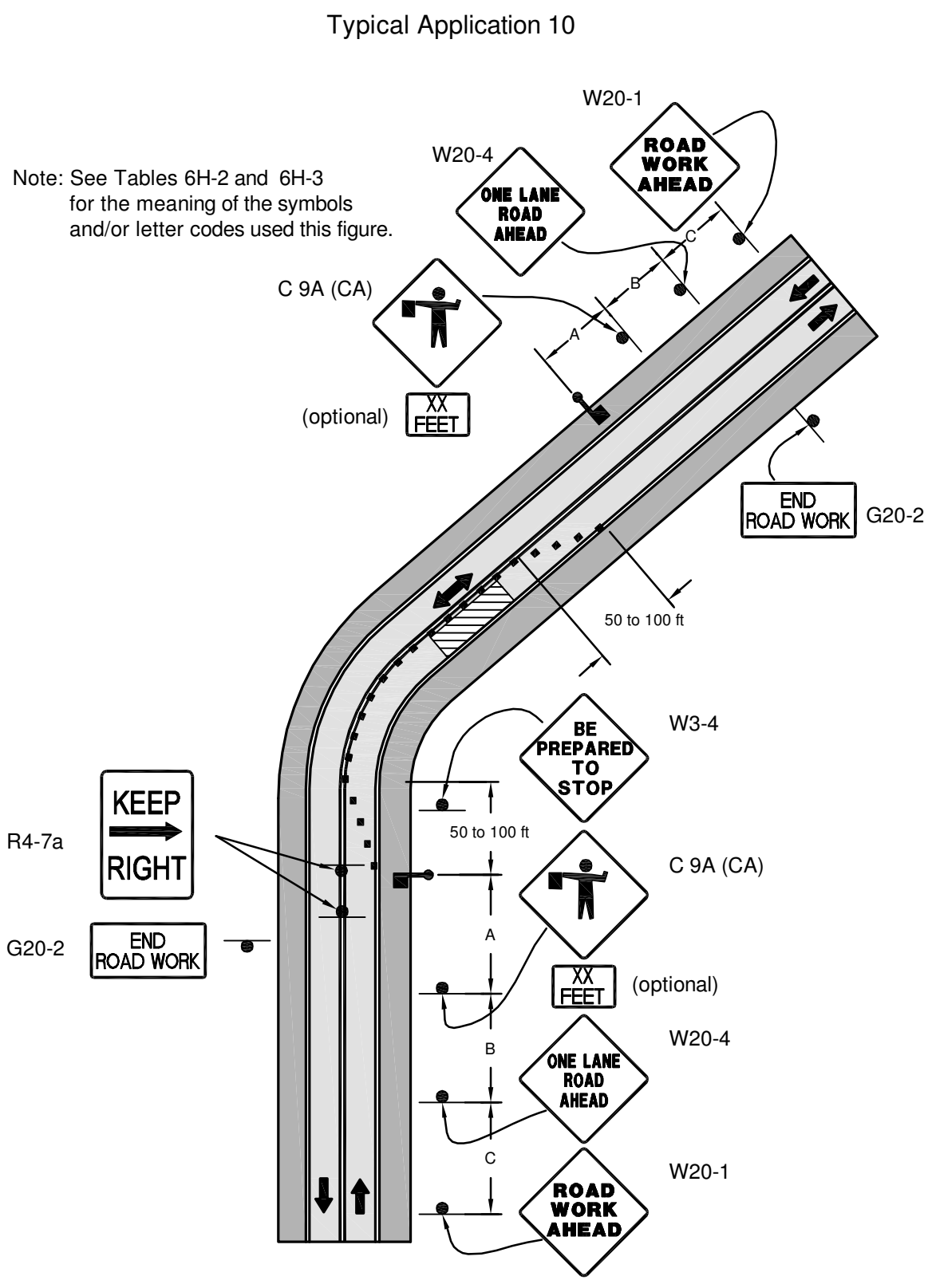
Option:

3. For short-term use on low-volume, low-speed roadways with vehicular traffic that does not include longer and wider heavy commercial vehicles, a minimum lane width of 9 feet may be used.
4. Where the opposite shoulder is suitable for carrying vehicular traffic and of adequate width, lanes may be shifted by use of closely-spaced channelizing devices, provided that the minimum lane width of 10 feet is maintained.
5. Additional advance warning may be appropriate, such as a ROAD NARROWS sign.
6. Temporary traffic barriers may be used along the work space.
7. The shadow vehicle may be omitted if a taper and channelizing devices are used.
8. A truck-mounted attenuator may be used on the shadow vehicle.
9. For short-duration work, the taper and channelizing devices may be omitted if a shadow vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
10. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

Standard:

11. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.
12. Shadow and work vehicles shall display high-intensity rotating, flashing, oscillating, or strobe lights.
13. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

FIGURE 6H-10. LANE CLOSURE ON A TWO-LANE ROAD USING FLAGGERS (TA-10)



Notes for Figure 6H-10—Typical Application 10
Lane Closure on a Two-Lane Road Using Flaggers

Option:

1. For low-volume situations with short work zones on straight roadways where the flagger is visible to road users approaching from both directions, a single flagger, positioned to be visible to road users approaching from both directions, may be used (see Chapter 6E).
2. The ROAD WORK AHEAD and the END ROAD WORK signs may be omitted for short-duration operations.
3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs. A BE PREPARED TO STOP sign may be added to the sign series.

Guidance:

4. The buffer space should be extended so that the two-way traffic taper is placed before a horizontal (or crest vertical) curve to provide adequate sight distance for the flagger and a queue of stopped vehicles.

Standard:

5. At night, flagger stations shall be illuminated, except in emergencies.

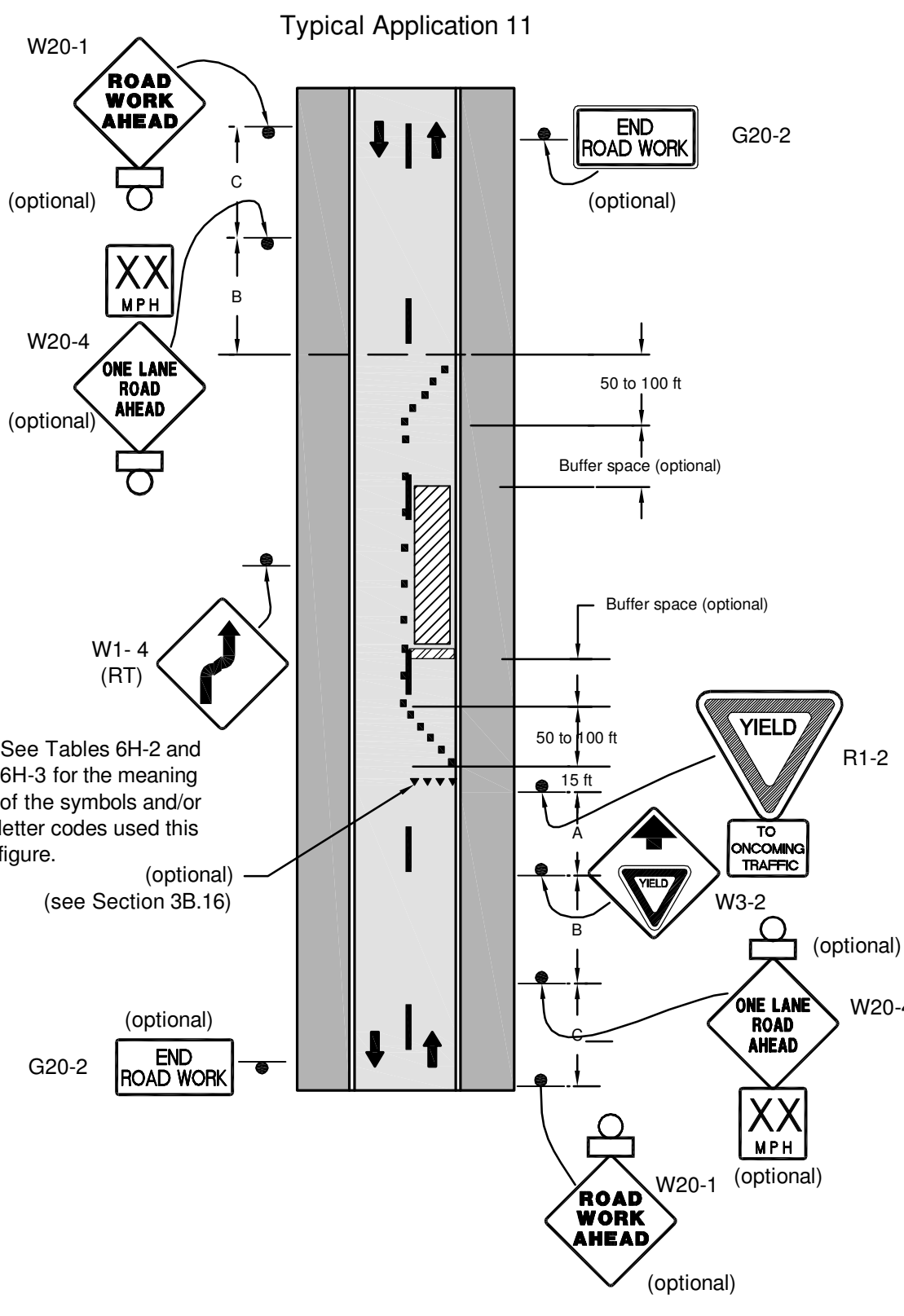
Guidance:

6. When used, the BE PREPARED TO STOP sign should be located between the Flagger sign and the ONE LANE ROAD sign.
7. When a grade crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the grade crossing, the TTC zone should be extended so that the transition area precedes the grade crossing.
8. When a grade crossing equipped with active warning devices exists within the activity area, provisions should be made for keeping flaggers informed as to the activation status of these warning devices.
9. When a grade crossing exists within the activity area, drivers operating on the left-hand side of the normal center line should be provided with comparable warning devices as for drivers operating on the right-hand side of the normal center line.
10. Early coordination with the railroad company or light rail transit agency should occur before work starts.

Option:

11. A flagger or a uniformed law enforcement officer may be used at the grade crossing to minimize the probability that vehicles are stopped within 15 feet of the grade crossing, measured from both sides of the outside rails.

FIGURE 6H-11. LANE CLOSURE ON A TWO-LANE ROAD WITH LOW TRAFFIC VOLUMES (TA-11)



Notes for Figure 6H-11—Typical Application 11
Lane Closure on a Two-Lane Road with Low Traffic Volumes

Option:

1. This TTC zone application may be used as an alternate to the TTC application shown in Figure 6H-10 (using flaggers) when the following conditions exist:
 - a. Vehicular traffic volume is such that sufficient gaps exist for vehicular traffic that must yield.
 - b. Road users from both directions are able to see approaching vehicular traffic through and beyond the worksite and have sufficient visibility of approaching vehicles.
2. The Type B flashing warning lights may be placed on the ROAD WORK AHEAD and the ONE LANE ROAD AHEAD signs whenever a night lane closure is necessary.

NOTE: TRAFFIC CONTROL PER ATTACHED TYPICAL APPLICATIONS (AASHTO) IS FOR DRIVEWAY/PRIVATE ROAD CONSTRUCTION IN COUNTY RIGHT-OF-WAY

WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

FOR DIRECTOR OF PUBLIC WORKS _____ DATE _____

Bureau Veritas North America
11590 West Bernardo Court Suite 100
San Diego, CA 92127-1624
Tel: (858) 451-6100 Fax: (858) 451-2846
www.us.bureauveritas.com

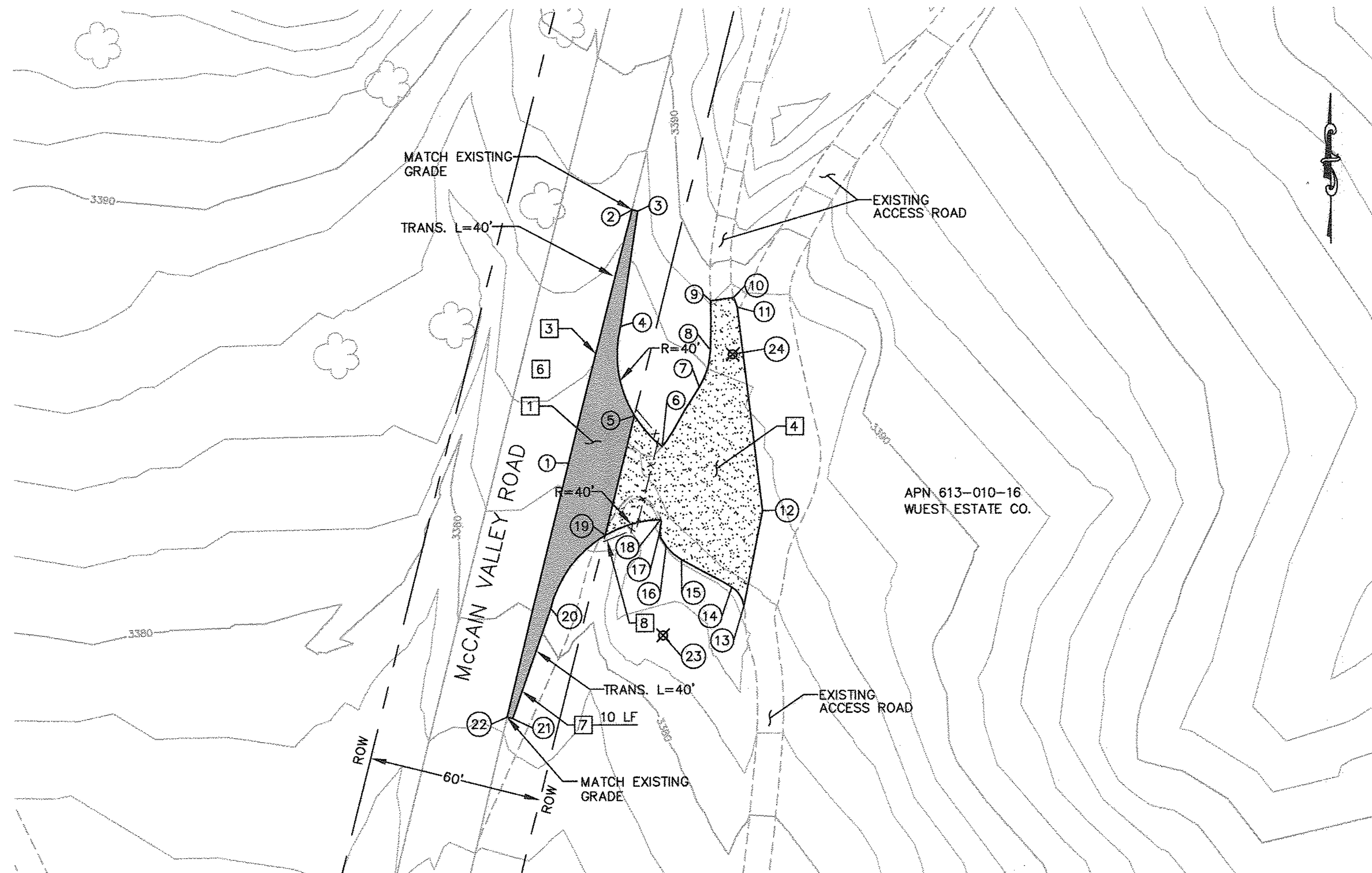
LEGAL DESCRIPTION	LEGAL DESCRIPTION
ASSESSORS' PARCEL NO. _____	ASSESSORS' PARCEL NO. _____
RECORD PLAN	RECORD PLAN
NAME: _____	NAME: _____
R.C.E. _____	R.C.E. _____
DATE: _____	DATE: _____

NAME: STEPHEN K. SMITH
PHONE NO. (858) 451-6100
ADDRESS: 11590 W. BERNARDO CT., SUITE 100, SAN DIEGO, CA 92127

PERMITS			
REZONE PERMIT NO. _____			
SPECIAL USE PERMIT NO. _____			
GRADING PERMIT NO. _____			
COUNTY APPROVED CHANGES			
NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK	
NAME: H116	
LOCATION: N 1838891.823 E 6422319.031	
DESCRIPTION: USBM	
ELEVATION: 2442.400' DATUM: NAVD 88	
NAME: HOT SPRING	
LOCATION: N 1804471.890 E 6582919.609	
DESCRIPTION: USBM	
ELEVATION: 2799.320' DATUM: NAVD 88	
NAME: _____	
LOCATION: _____	
DESCRIPTION: _____	
ELEVATION: _____ DATUM: _____	

PRIVATE CONTRACT		
SHEET 3	COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS	6 SHEETS
IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK		
TRAFFIC CONTROL DETAILS		
ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 28706	CHECKED BY: _____	IMPROVEMENT PLAN NO. _____
SPL-9B (LINK 1)		09B-DWY-03



ACCESS ROAD TO P210 THROUGH P219-1 (PERMIT 9B-1)
SCALE: 1"=30'

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1824772.48	6558901.53		EG
2	1824859.92	6558923.71		EG
3	1824859.43	6558925.65		EG
4	1824819.68	6558919.66		BC
5	1824788.76	6558924.41		POC
6	1824778.18	6558933.93		EC
7	1824798.58	6558946.86		EG
8	1824811.35	6558950.79		EG
9	1824828.37	6558950.81		EG
10	1824829.40	6558958.86		EG
11	1824826.14	6558960.08		EG
12	1824755.80	6558968.62		EG
13	1824722.81	6558962.20		EG
14	1824729.37	6558957.99		EG
15	1824739.00	6558940.51		EG
16	1824743.69	6558935.23		EG
17	1824748.60	6558933.09		EG
18	1824752.79	6558933.40		BC
19	1824747.41	6558914.11		POC
20	1824722.16	6558895.26		EC
21	1824684.21	6558882.01		EG
22	1824684.67	6558880.06		EG
23	1824712.79	6558934.15		RP
24	1824809.80	6558958.42		RP

- QUANTITIES:
- 1 PAVEMENT SECTION: 1,664 SF
 - 3 SAWCUT: 181 LF
 - 4 AGGREGATE BASE: 2,759 SF
 - 6 TRAFFIC CONTROL: LS
 - 7 6" AC BERM: 10 LF
 - 8 FENCE: 57 LF

IPC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER/INSPECTION NOTES, CONSTRUCTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

LEGAL DESCRIPTION	LEGAL DESCRIPTION
ASSESSORS PARCEL NO. 613-010-16	ASSESSORS PARCEL NO. 611-100-06
RECORD PLAN	RECORD PLAN
NAME: _____	NAME: _____
R.C.E. _____	R.C.E. _____
DATE: _____	DATE: _____



NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
30	1829908.87	6558517.48		EG
32	1829979.17	6558567.43		EG
33	1829978.13	6558569.14		EG
34	1829942.49	6558550.76		BC
35	1829908.88	6558546.70		POC
36	1829905.43	6558548.01		EC
37	1829861.12	6558567.10		EG
38	1829853.80	6558551.29		BC
39	1829879.86	6558519.59		POC
40	1829869.13	6558485.90		EC
41	1829845.47	6558453.72		EG
42	1829847.05	6558452.50		EG
43	1829921.34	6558584.71		RP
44	1829840.31	6558513.64		RP

- QUANTITIES:
- 1 PAVEMENT SECTION: 1,702 SF
 - 3 SAWCUT: 181 LF
 - 4 AGGREGATE BASE: 1,097 SF
 - 6 TRAFFIC CONTROL: LS
 - 8 FENCE: 62 LF

- CONSTRUCTION NOTE:
- 1 CONSTRUCT 3" ASPHALT CONCRETE OVER 8" CLASS II AGGREGATE BASE
 - 2 CONSTRUCT STABILIZED CONSTRUCTION APPROACH AT CONSTRUCTION ENTRANCE PER DETAILS ON SHEET 2.
 - 3 SAWCUT AND JOIN EXISTING PAVEMENT
 - 4 CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
 - 5 INSTALL SIGN W11-10 (TRUCK) WITH W13-IP (XX MPH).
 - 6 PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1, TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3
 - 7 CONSTRUCT 6" AC BERM PER COUNTY STD G-5, TYPE A.
 - 8 CONSTRUCT FENCE AND/OR GATE PER SDG&E.
 - 9 CONSTRUCT 2" AC OVERLAY
 - 10 CONSTRUCT CULVERT. (SIZE TO MATCH EXISTING)

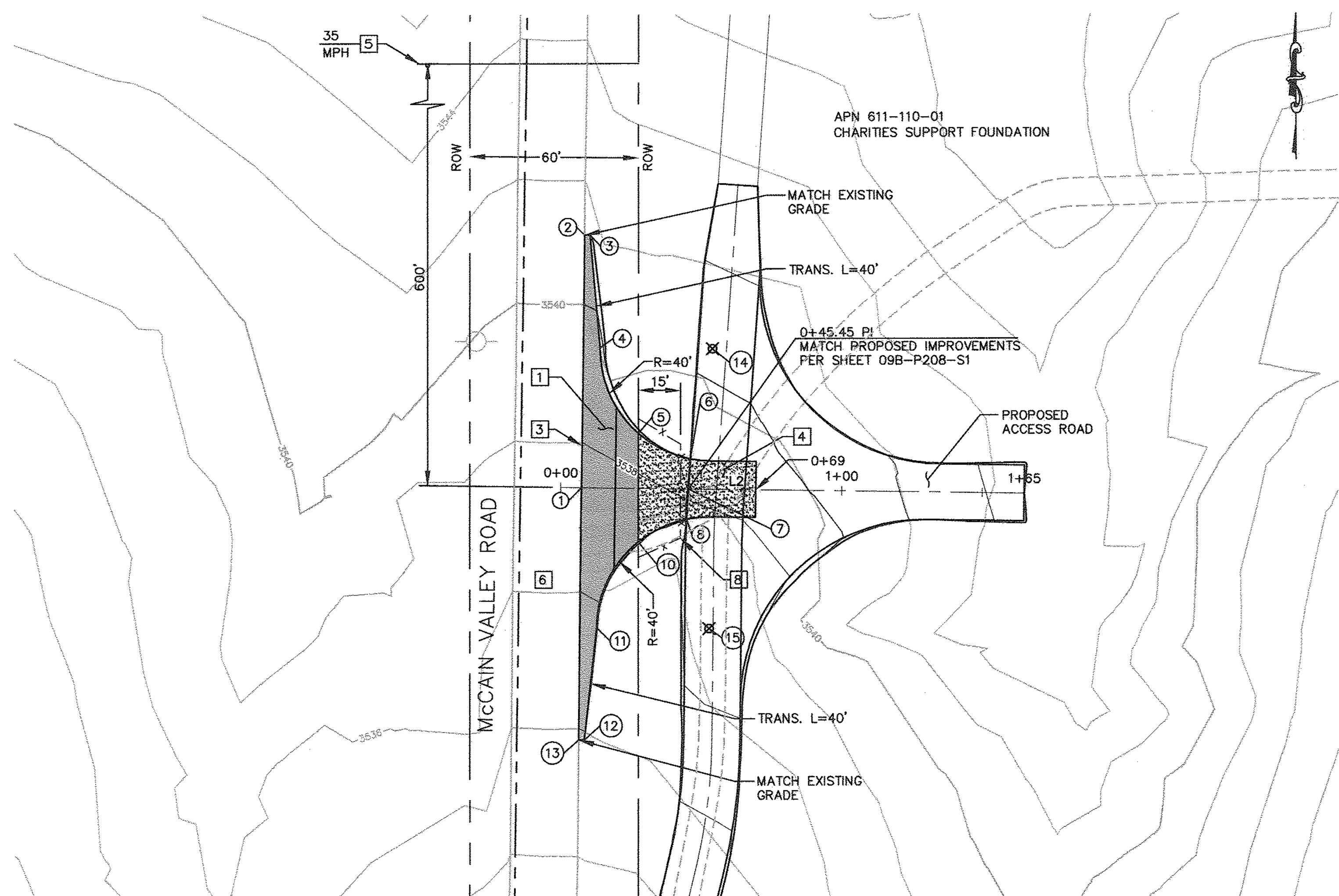
WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM MCCAIN VALLEY ROAD) ON APN 613-010-16 AND APN 611-100-06, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth G. Brazell 7-02-10
FOR DIRECTOR OF PUBLIC WORKS DATE

INSPECTIONS
TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.

BENCH MARK	PRIVATE CONTRACT
NAME: H116 LOCATION: N 1838891.823 E 6422319.031 DESCRIPTION: USBM ELEVATION: 2442.400' DATUM: NAVD 88 NAME: HOT SPRING LOCATION: N 1804471.890 E 6582919.609 DESCRIPTION: USBM ELEVATION: 2799.320' DATUM: NAVD 88	SHEET 4 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK ACCESS ROAD IMPROVEMENTS ON MCCAIN VALLEY ROAD PERMIT 9B-1 & 9B-2 ENGINEER OF WORK: STEPHEN K. SMITH R.C.E. 22708 CHECKED BY: _____ IMPROVEMENT PLAN NO. _____ SPL-9B (LINK 1) 09B-DWY-04
NAME: _____ LOCATION: _____ DESCRIPTION: _____ ELEVATION: _____ DATUM: _____	

LEGAL DESCRIPTION	ENGINEER OF WORK	PERMITS
ASSESSORS PARCEL NO. 611-100-06	NAME: STEPHEN K. SMITH PHONE NO. (858) 451-6100 ADDRESS: 11590 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA 92127	REZONE PERMIT NO. _____ SPECIAL USE PERMIT NO. _____ GRADING PERMIT NO. _____ COUNTY APPROVED CHANGES NO. _____ DESCRIPTION _____ APPROVED BY _____ DATE _____



EARTH QUANTITIES:
CUT: 18 CY
FILL: 2 CY
NET: 16 CY

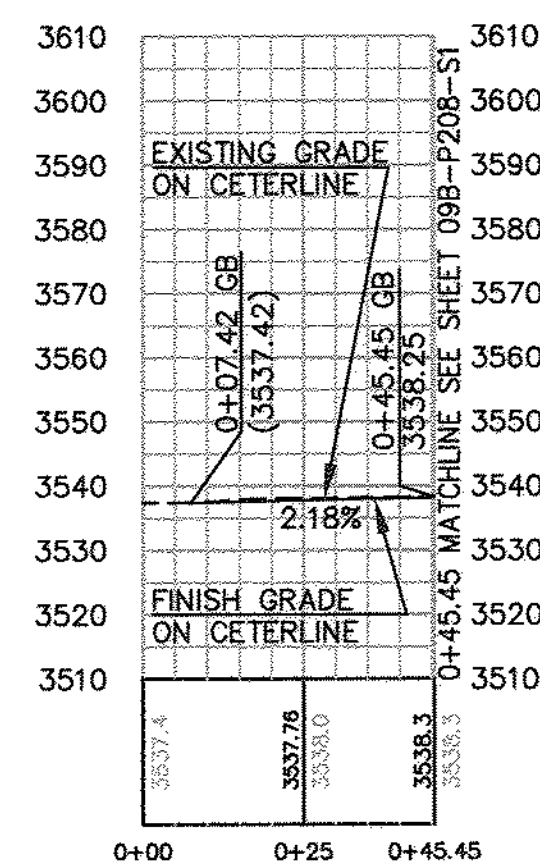
DISTURBED AREA:
ROAD: 2392 SF
TOTAL: 2392 SF

LENGTH OF ACCESS ROAD: 62 LF

ACCESS ROAD TO P207 & P208 (PERMIT 9B-3)

SCALE: 1"=30'

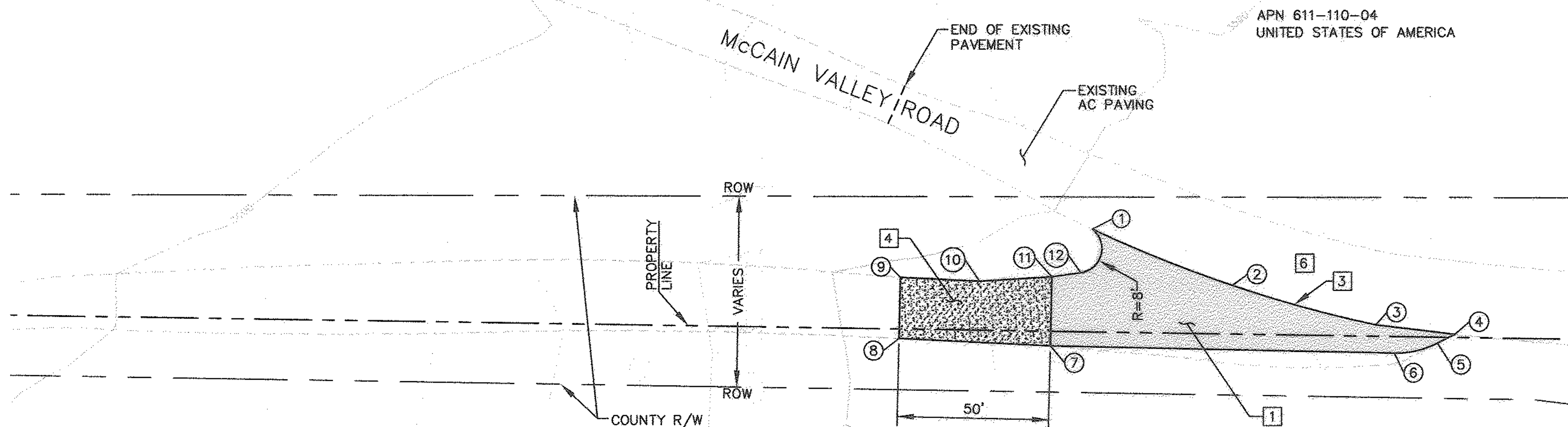
- QUANTITIES:
- 1 PAVEMENT SECTION: 1,733 SF
 - 3 SAWCUT: 180 LF
 - 4 AGGREGATE BASE: 991 SF
 - 5 SIGN: 1 EA
 - 6 TRAFFIC CONTROL: L5
 - 8 FENCE: 68 LF



p:\16919 sd&e spl\agency permit list\exhibits\cadd\9b\plan\6-9b-5.dwg 7/2/2010 9:05 AM

QUANTITIES:

- 1 PAVEMENT SECTION: 2,511 SF
3 SAWCUT: 125 LF
4 AGGREGATE BASE: 1036 SF
6 TRAFFIC CONTROL: LUMP SUM



ACCESS ROAD TO ROUGH ACRES YARD (PERMIT 9B-5)

SCALE: 1"=30'

CONSTRUCTION NOTE:

- 1 CONSTRUCT 3" ASPHALT CONCRETE OVER 8" CLASS II AGGREGATE BASE
3 SAWCUT AND JOIN EXISTING PAVEMENT
4 CONSTRUCT 8" CLASS II AGGREGATE BASE ROAD ENTRANCE, DETAILS ON SHEET 2.
6 PROVIDE CONSTRUCTION TRAFFIC CONTROL AS APPROPRIATE TA-6, TA-10 OR TA-11 RESTORE TO TWO LANE OPERATION AT NIGHT WITH TA-1, TA-3 OR TA-6 AT NIGHT AS APPROPRIATE PER DETAIL ON SHEET 3

NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1832914.38	6558704.17		EC
2	1832868.12	6558685.74		EG
3	1832820.64	6558672.75		EG
4	1832794.60	6558669.62		EG
5	1832800.35	6558666.69		BC
6	1832814.57	6558663.44		EC
7	1832928.25	6558665.85		EG
8	1832978.21	6558668.30		EG
9	1832977.79	6558688.38		EG
10	1832951.66	6558687.09		EG
11	1832927.77	6558688.59		EG
12	1832918.23	6558689.87		BC

IFC SHEET REVISIONS				
REVISION NUMBER	DESCRIPTION	DATE	DRAFTED BY	APPROVED BY
01	MEET & CONFER / INSPECTION NOTES, TITLE BLOCK	8/19/2010	JB	MB

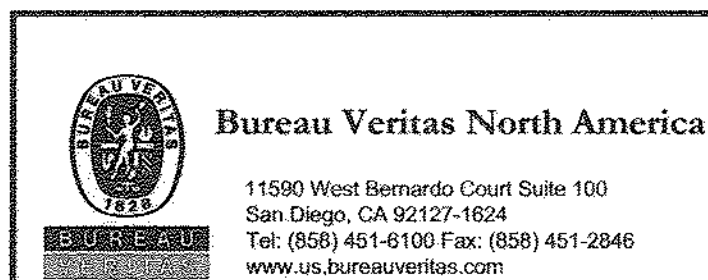


INSPECTIONS
TO REQUEST AN INSPECTION, CALL PRIVATE DEVELOPMENT CONSTRUCTION INSPECTION DURING NORMAL BUSINESS HOURS AT (858) 694-3165 AT LEAST 24 HOURS BEFORE START AND FINISH OF WORK. WHEN CALLING FOR AN INSPECTION, REFER TO THE COMPUTER GENERATED TRAFFIC PERMIT NUMBER AND THE JOB SITE ADDRESS OF YOUR SITE. IN MOST CASES, CONSTRUCTION INSPECTION REQUIRES ONE (1) WORKING DAY NOTICE FOR INSPECTIONS. WE MAY NOT BE ABLE TO PROVIDE NEXT DAY INSPECTIONS IN SOME OF THE MORE REMOTE AREAS OF THE COUNTY OF SAN DIEGO. PLEASE VERIFY WITH THE PERSON TAKING THE INSPECTION REQUEST WHAT DAY THE INSPECTOR WILL BE OUT TO THE SITE.



WITH REGARD ONLY TO THE WORK SHOWN ON THESE PLANS FOR THE SDG&E SUNRISE POWERLINK DRIVEWAY IMPROVEMENTS (ACCESS FROM MCCAIN VALLEY ROAD) ON APN 611-110-04, THE DEPARTMENT OF PUBLIC WORKS (DPW) FOR THE COUNTY OF SAN DIEGO ACKNOWLEDGES THAT SAN DIEGO GAS & ELECTRIC (SDG&E) HAS CONSULTED WITH DPW REGARDING THOSE LAND USE MATTERS WITHIN SCOPE OF DPW'S REVIEW AUTHORITY IN THE MANNER REQUIRED BY SECTION XIV(B) OF CALIFORNIA PUBLIC UTILITIES COMMISSION, GENERAL ORDER 131-D, DECISION 94-06-14 AS MODIFIED BY DECISION 95-08-038.

Kenneth J. Brazell 7-02-10
FOR DIRECTOR OF PUBLIC WORKS DATE



LEGAL DESCRIPTION	LEGAL DESCRIPTION
ASSESSORS PARCEL NO. 611-110-04	ASSESSORS PARCEL NO. _____
RECORD PLAN	RECORD PLAN
NAME: _____	NAME: _____
R.C.E. _____	R.C.E. _____
DATE: _____	DATE: _____



OF WORK		PERMITS			
NAME: _____ STEPHEN K. SMITH PHONE NO. (658)451-6100 ADDRESS: 11580 W. BERNARDO CT. SUITE 100 SAN DIEGO, CA. 92127		REZONE PERMIT NO. _____			
		SPECIAL USE PERMIT NO. _____			
		GRADING PERMIT NO. _____			
		COUNTY APPROVED CHANGES			
		NO.	DESCRIPTION	APPROVED BY	DATE

BENCH MARK	PRIVATE CONTRACT
NAME: H116 LOCATION: N 1838891.823 E 6422319.031 DESCRIPTION: USBM ELEVATION: 2442.400' DATUM: NAVD 88 NAME: HOT SPRING LOCATION: N 1804471.890 E 6582919.609 DESCRIPTION: USBM ELEVATION: 2799.320' DATUM: NAVD 88	SHEET 6 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC WORKS 6 SHEETS IMPROVEMENT PLAN FOR: SDG&E SUNRISE POWERLINK ACCESS ROAD IMPROVEMENTS ON MCCAIN VALLEY ROAD PERMIT 9B-5 ENGINEER OF WORK: STEPHEN K. SMITH REG. 28700 CHECKED BY: _____ IMPROVEMENT PLAN NO. _____ SPL-9B (LINK 1) 09B-DWY-06