

# BAKER RUBBER INC.

## TIRE SHREDDING FACILITY

11,400 EAST PECOS ROAD MESA ARIZONA. 85211

### PAVING & WATER-PHASE I I.

Improvement Plans

1.5 GENERAL NOTES:

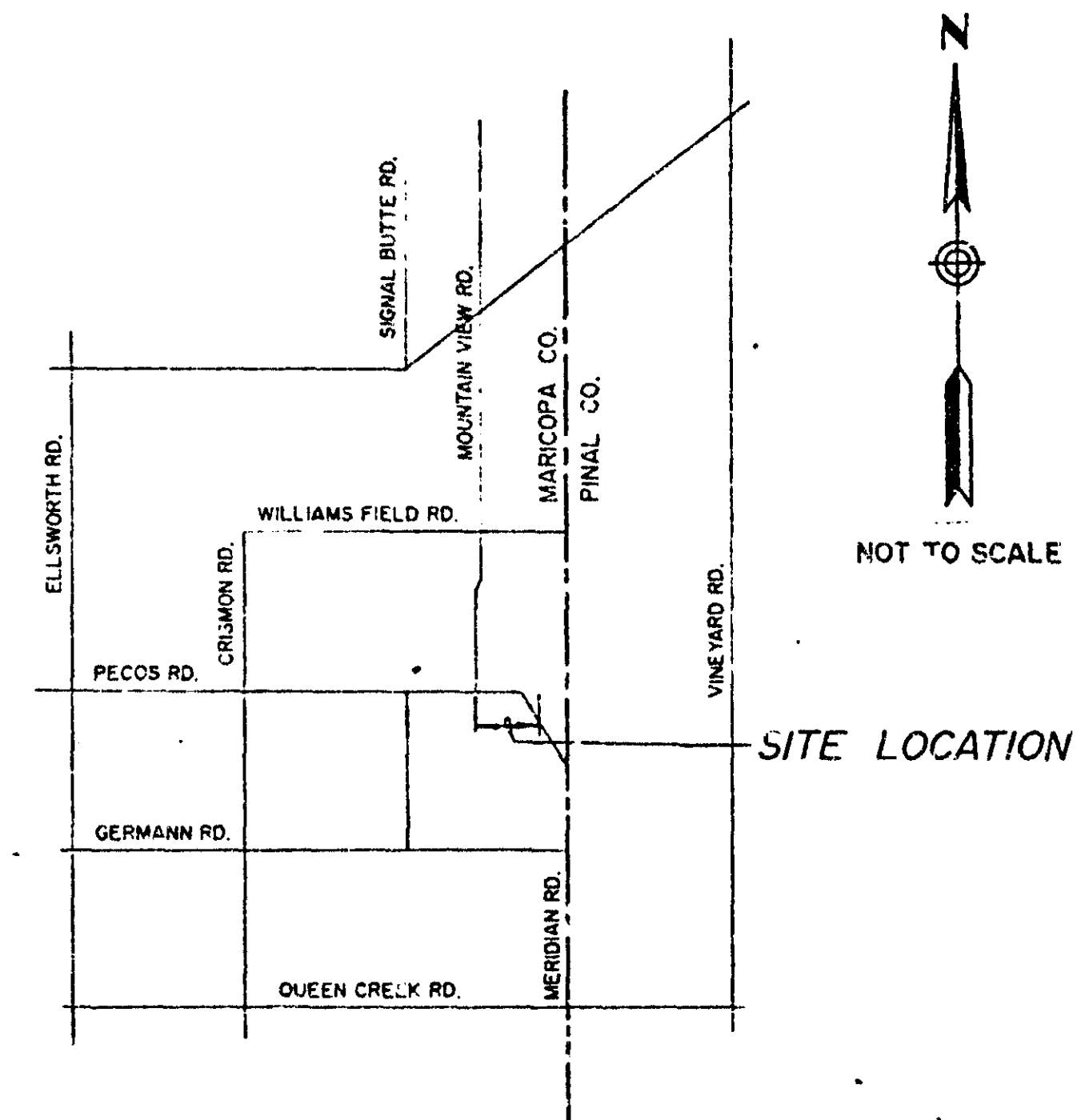
- 1.5.1 The following general notes shall appear on the cover sheet of all improvement plans.
- .1 "All work and materials shall conform to the most current Uniform Standard Specifications and Details for Public Works Construction as furnished by the Maricopa Association of Governments and amended by the City of Mesa. All work and materials not in conformance with these amended Specifications and Details are subject to removal and replacement at the Contractor's expense."
  - .2 "The Contractor is responsible for obtaining an excavation and dirt moving permit from the County Health Department, and complying with its requirements."
  - .3 "The Contractor shall notify the City Engineering Division at least 24-hours in advance of any construction for inspection at 644-2553."
  - .4 "Call the Blue Stake Center (263-1100) two (2) working days before you dig for location of all underground utilities."
  - .5 "All frames, covers, valve boxes, manholes, etc... shall be installed to finish grade or shall be adjusted to finish grade prior to placing of asphaltic concrete surface course by the Contractor as per M.A.G. Standard Detail 270 and 422."
  - .6 "It is the Contractor's responsibility to locate all utilities prior to excavation."
  - .7 "It is the Contractor's responsibility to verify all invert elevations before proceeding with the balance of trenching."
  - .8 "The Contractor shall be required to install a daytime tie-in for any new water line that will affect existing service sufficiently to warrant same in the opinion of the City Inspector (9:00 a.m. to 2:00 p.m.). Contractor shall complete all work necessary to restore utility service and fully open the tie-in area to traffic within the time allowed."
  - .9 "Water line tests will be conducted so that no old lines will be included in the tests."
  - .10 "The Contractor is to install a temporary plug or valve on a section of new line to test lines before connecting to the existing water system where there is no valve on the existing line."
  - .11 "All construction notes enclosed in dashed boxes shall be completed by City of Mesa Utility Construction Crews."
  - .12 "It shall be the Contractor's responsibility to remove all abandoned (retired) utilities that interfere with his construction project. The City of Mesa Utility Construction Division will assist the Contractor to determine if the utility (water, gas, sewer only) is abandoned. Call 644-2754 for this assistance."
  - .13 "Engineer certifies that he has contacted all interested utility companies and has transferred all existing and/or proposed utility lines and related information onto these plans. The engineer also certifies that the existing and proposed rights of way or easements have been correctly plotted."
  - .14 "The Contractor shall comply with the provisions for traffic control and barricading as per the City of Mesa Traffic Barricade Manual."
  - .15 "The Developer and the Contractor are required to coordinate to avoid placement of driveways in conflict with utility services."
  - .16 "The Contractor shall obtain any and all permits required unless otherwise noted."

NOTE: Permits become invalid and must be updated if work has not begun within sixty (60) days. Permits also become invalid if the Contractor's insurance lapses or is voided."

Improvement Plans

1.5 GENERAL NOTES: (Con't.)

- 1.5.1 (Con't.)
- .17 "Contractor to arrange for irrigation dry-ups, resets and removals by others."
  - .18 "All improvements within the retention basin and/or roadway parkways shall be in accordance with the Landscape and Irrigation Standards Booklet."
  - .19 "All sprinkler and landscaping work must be installed in accordance with the Landscape and Irrigation Standards booklet."
  - .20 "The street paving permittee/contractor is hereby notified that street paving will not be accepted by the City of Mesa until all street lights, retention basin, and landscaping improvements are installed and accepted and until post-construction certification is received by the City Engineer for all lots within a specified flood plain."
  - .21 "The street paving permittee/contractor is hereby notified that in the event that acceptance of the street paving is delayed by six (6) months or more after the paving is installed, the permittee/contractor shall apply a seal coat to the paving. Type of material and rate of application will be as directed by the City Engineer."
  - .22 "The Developer shall provide all construction staking required for the project."
  - .23 "The engineer shall certify that all improvements (concrete, paving, water and sewer utilities, storm sewers, etc...) have been installed at the locations and elevations shown on the approved plans. Any changes shall be reflected on As-Built drawings provided by the engineer."
  - .24 "The engineer shall certify that the required storm water retention has been provided. The certification shall also indicate the actual volume provided. Such certification shall be provided to Building Inspections when the retention area is to remain private property and to Engineering Construction when the retention area is to become City property."
  - .25 "The engineer shall certify that the minimum horizontal and vertical separation, as required by law or policy, between utilities has been maintained."
  - .26 All streets to be constructed with a straight crown of 0.02%.
  - .27 Where 10" A.B.C. is required, it is to be installed in two (2) equal layers.
  - .28 A.B.C. fill to conform to sub-section 702.2 (aggregate base).
  - .29 Base course to conform to mix "4-1 1/2" as per Section 710.
  - .30 The A.C. A-1 1/2" base course shall be placed after the City of Mesa installs the 16" water line.
  - .31 Storage of tires on site shall not begin prior to acceptance of fire access roads and fire hydrants.
  - .32 Owner agrees to provide an operable front end loader for temporary fire protection until permanent waterline is in service.
  - .33 Temporary waterline to have crossbar securely attached within 4' of hydrant, to provide lateral support. Staks crossbar and waterline securely in place.
  - .34 Separate Right-Of-Way Permit required for all public utilities, street improvements and right-of-way landscaping. Contact Public Works Services at 644-2231.



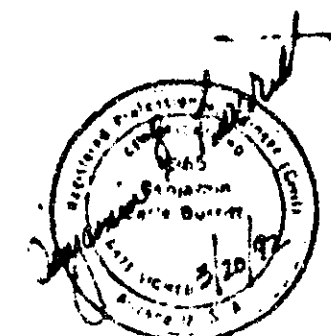
SHEET INDEX

DESCRIPTION	QUANTITY
M2101 COVER SHEET	170 S.F.
M2107 - M2111 PLAN & PROFILE	8,394 S.Y.
M2111 TYPICAL SECTIONS & CULVERT PROFILE	8,394 S.Y.
BENCH MARK	2 EACH
	2,230 L.F.
	2 EACH
	1 EACH
	240 L.F.

1 1/2" ALUMINUM CAP ON 1/2" BAR AT S 1/4 CORNER OF SECTION 36, ELEVATION 1432.27 AS PER CITY OF MESA DATUM.

QUANTITIES

DESCRIPTION	QUANTITY
1. SAWCUT AND REMOVE EXISTING PAVEMENT	170 S.F.
2. 2 1/2" A-1 1/2 A.C. BASE COURSE	8,394 S.Y.
3. 10" AGGREGATE BASE COURSE	8,394 S.Y.
4. REMOVE AND REPLACE SURVEY MARKER PER M.A.G. DETAIL 120-1-A"	2 EACH
5. RELOCATE EXISTING BARBED WIRE FENCE	2,230 L.F.
6. REMOVE SIGNS	2 EACH
7. ADJUST WATER VALVE PER M.A.G. DETAIL 270	1 EACH
8. 42" CORRUGATED STEEL PIPE (GALV., 16 GAGE)	240 L.F.



REVISED 3/27/92

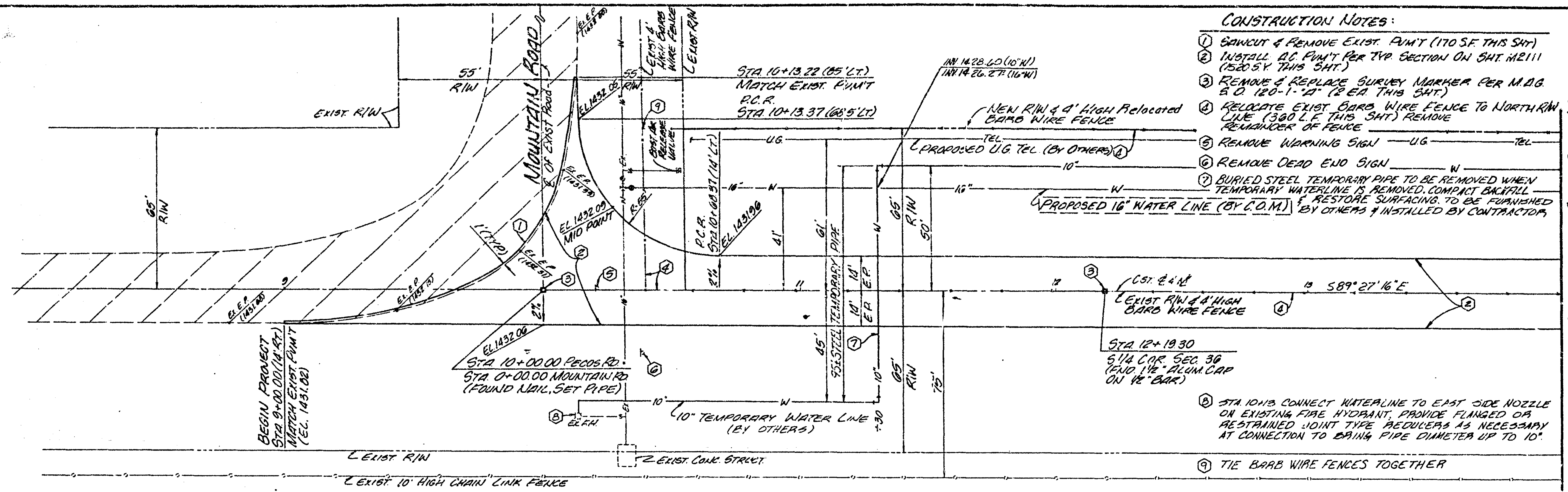
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M2101

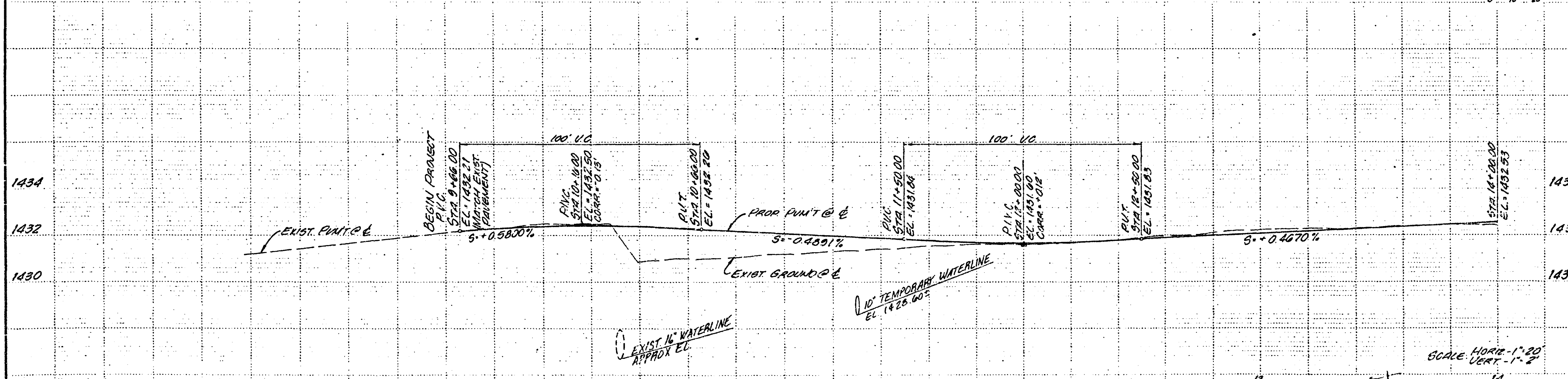
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**CONSTRUCTION NOTES:**

- ① SAWCUT & REMOVE EXIST. PAVT (170 SF THIS SHT)
- ② INSTALL A.C. PAVT PER TYP. SECTION ON SHT. M2111 (1520 SF THIS SHT.)
- ③ REMOVE & REPLACE SURVEY MARKER PER M.D.G. S.O. 120-1-17 (2 EA THIS SHT.)
- ④ RELOCATE EXIST. BARB WIRE FENCE TO NORTH R/W LINE (300 L.F. THIS SHT.) REMOVE REMAINDER OF FENCE
- ⑤ REMOVE WARNING SIGN — U.G. — TEL
- ⑥ REMOVE DEAD END SIGN — W
- ⑦ BURIED STEEL TEMPORARY PIPE TO BE REMOVED WHEN TEMPORARY WATERLINE IS REMOVED. COMPACT BACKFILL RESTORE SURFACING. TO BE FURNISHED BY OTHERS & INSTALLED BY CONTRACTOR.
- ⑧ STA. 10+13 CONNECT WATERLINE TO EAST SIDE NOZZLE ON EXISTING FIRE HYDRANT. PROVIDE FLANGED OR RESTRAINED JOINT TYPE REDUCERS AS NECESSARY AT CONNECTION TO BRING PIPE DIAMETER UP TO 10".
- ⑨ TIE BARB WIRE FENCES TOGETHER



**PECOS ROAD**

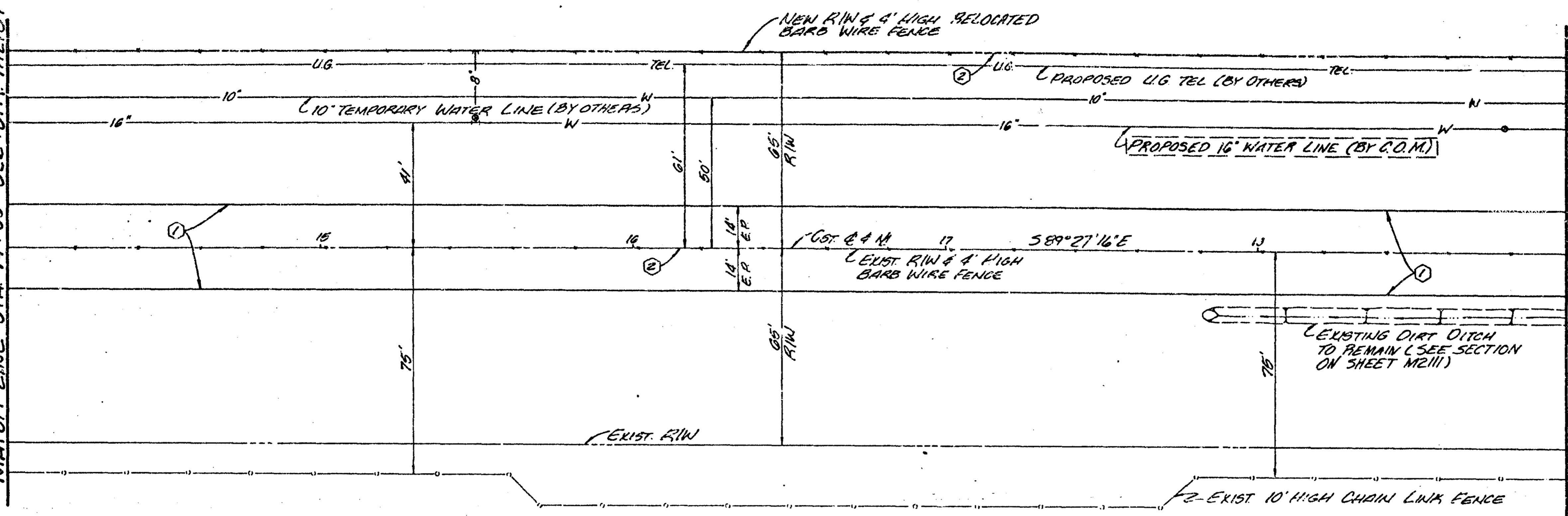


DATE	REVISIONS	LOCATION

FIELD BK:		NB & I TIRE SHREDDING FACILITY	
WK. ORDER:		PLAN & PROFILE	REVISED 1/2/92
PROJ. NO.:	PECOS ROAD	STA. 9+00 TO STA. 14+00	
RELEASE DATE: 3/4/92	DRAWN BY: J. SESSIONS ENGINEER: R. WEYBACH APPROVED BY: J. SUPANCH	SHEET M2107	CATALOG NUMBER A-50597



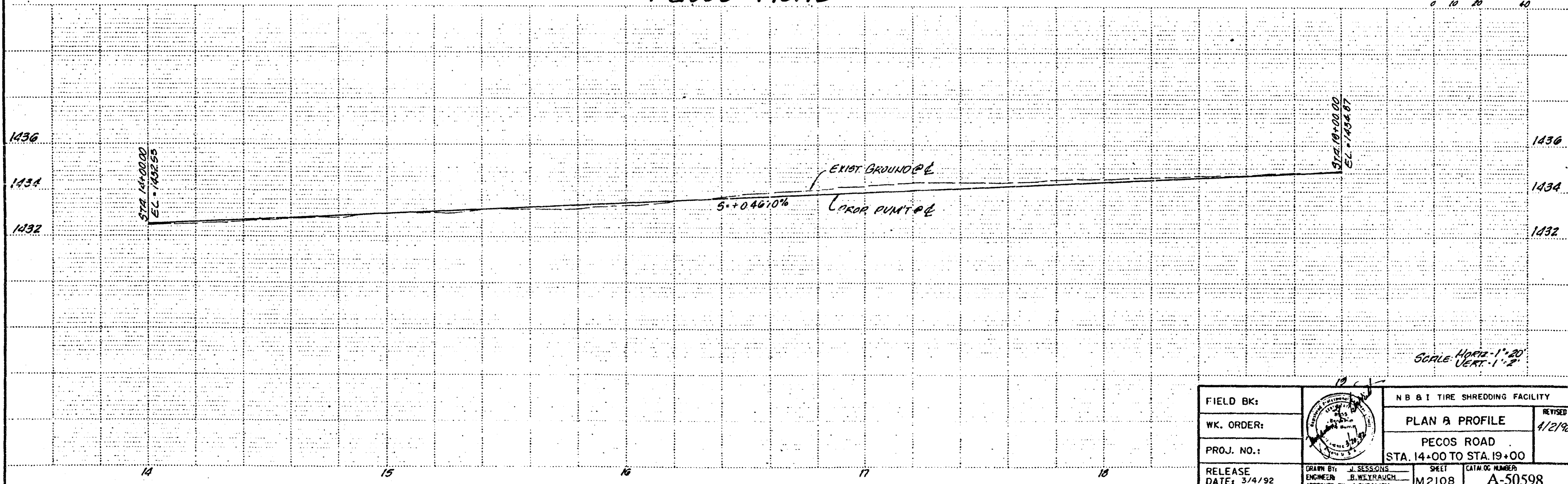
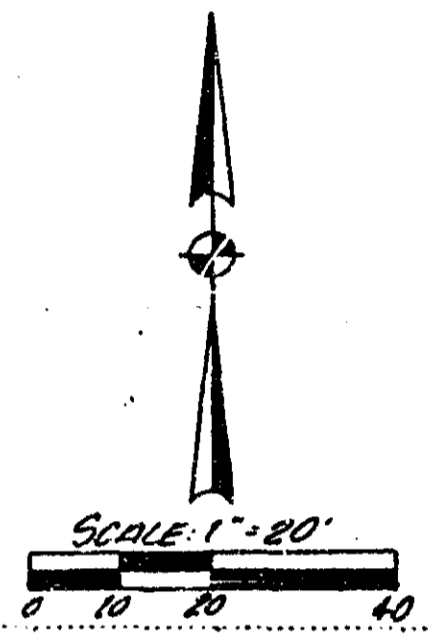
MATCH LINE STA 14+00 SEE SHT M2107



- CONSTRUCTION NOTES:**
- INSTALL R.C. PAVT PER TYP SECTION ON SHT M2111 (1556 S.Y. THIS SHT)
  - RELOCATE EXIST. BARB WIRE FENCE TO NORTH R/W LINE (500 L.F. THIS SHT)

MATCH LINE STA 19+00 SEE SHT M2109

PECOS ROAD



SCALE: HORIZ. 1"=20'  
VERT. 1"=2'

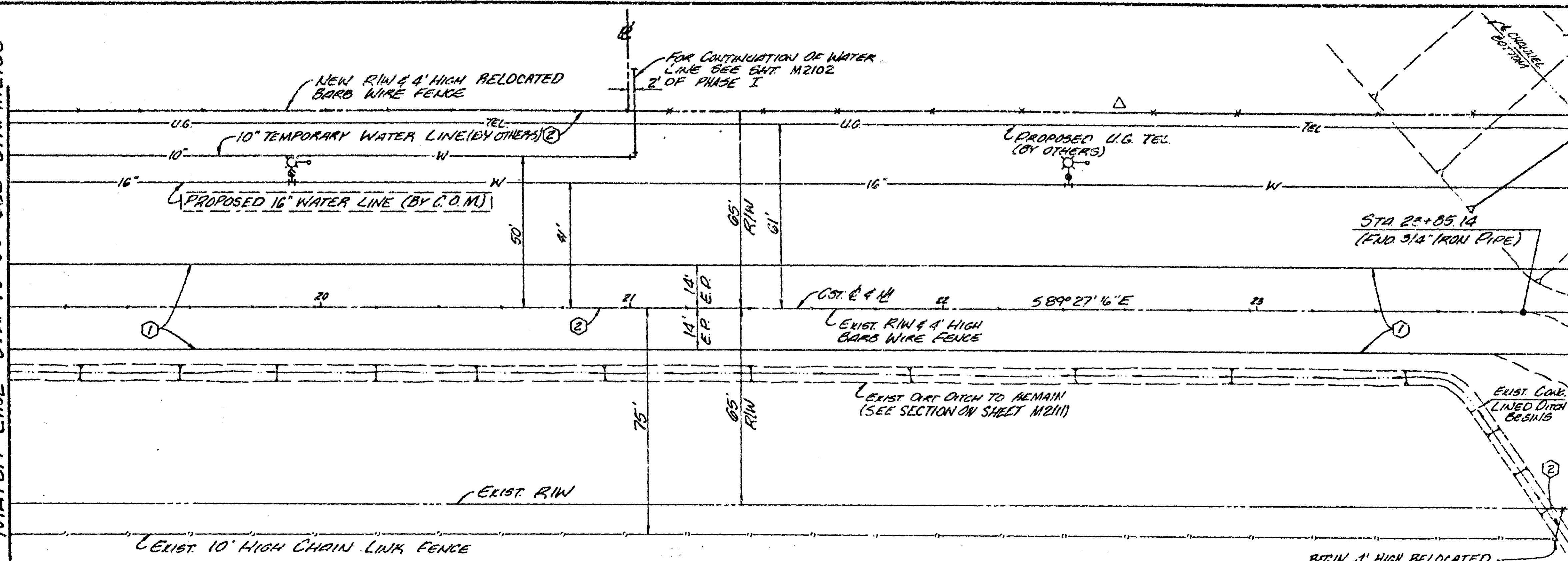
NO.	REVISIONS	LOCATION	DATE

FIELD BK:		NB & I TIRE SHREDDING FACILITY	
WK. ORDER:		PLAN & PROFILE	REVISED 4/2/92
PROJ. NO.:	PECOS ROAD	STA. 14+00 TO STA. 19+00	
RELEASE DATE: 3/4/92	DRAWN BY: J. SESSIONS ENGINEER: B. WEYRAUCH APPROVED BY: J. SUPANCH	SHEET M2108	CAT. NO. NUMBER A-50598

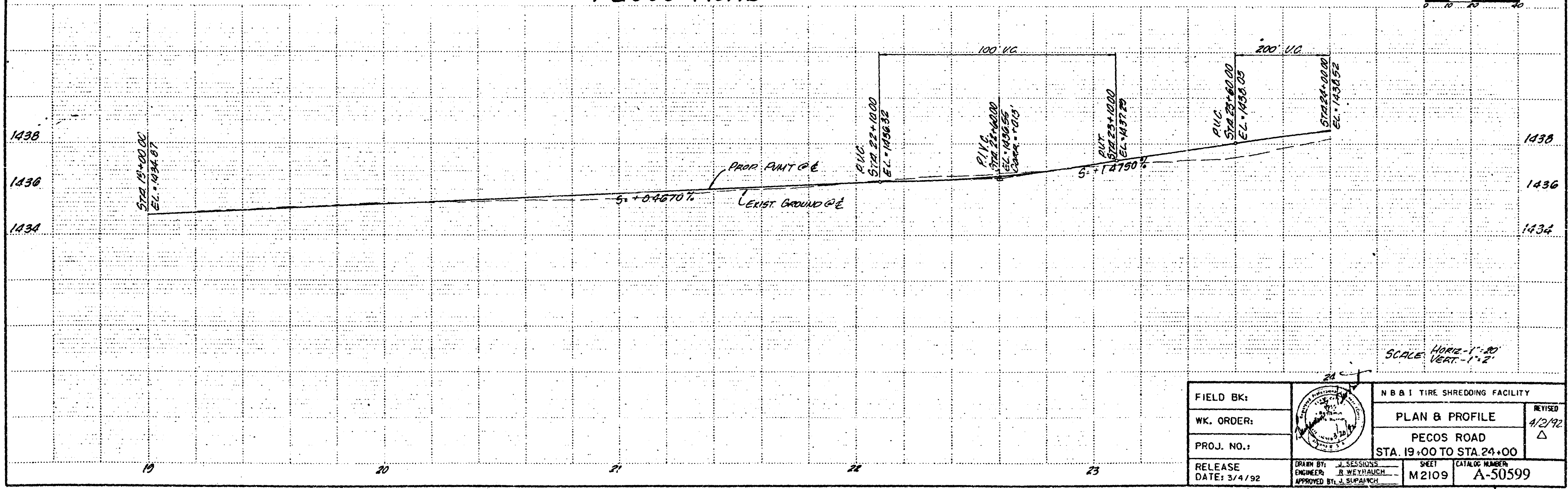
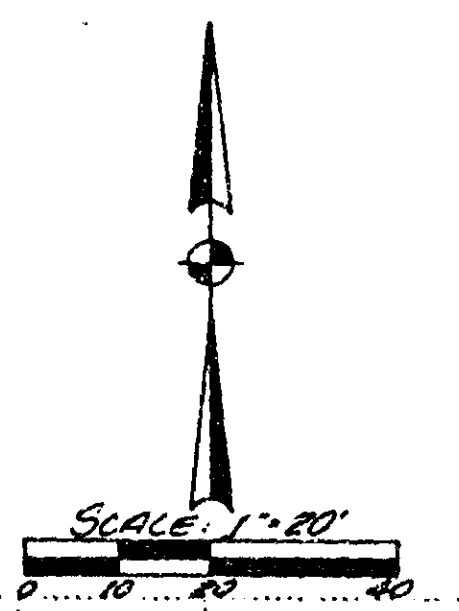
MATCH LINE STA 19+00 SEE SHT M2108

CONSTRUCTION NOTES

- ① INSTALL P.C. PUNT PER TYP SECTION ON SHT M211 (1556 S.Y. THIS SHT)
- ② RELOCATE EXIST. BARB WIRE FENCE TO NORTH R/W LINE FROM STA 23+95.75 FT TO STA 24+00.65 FT (510 L.F. THIS SHEET)



PECOS ROAD

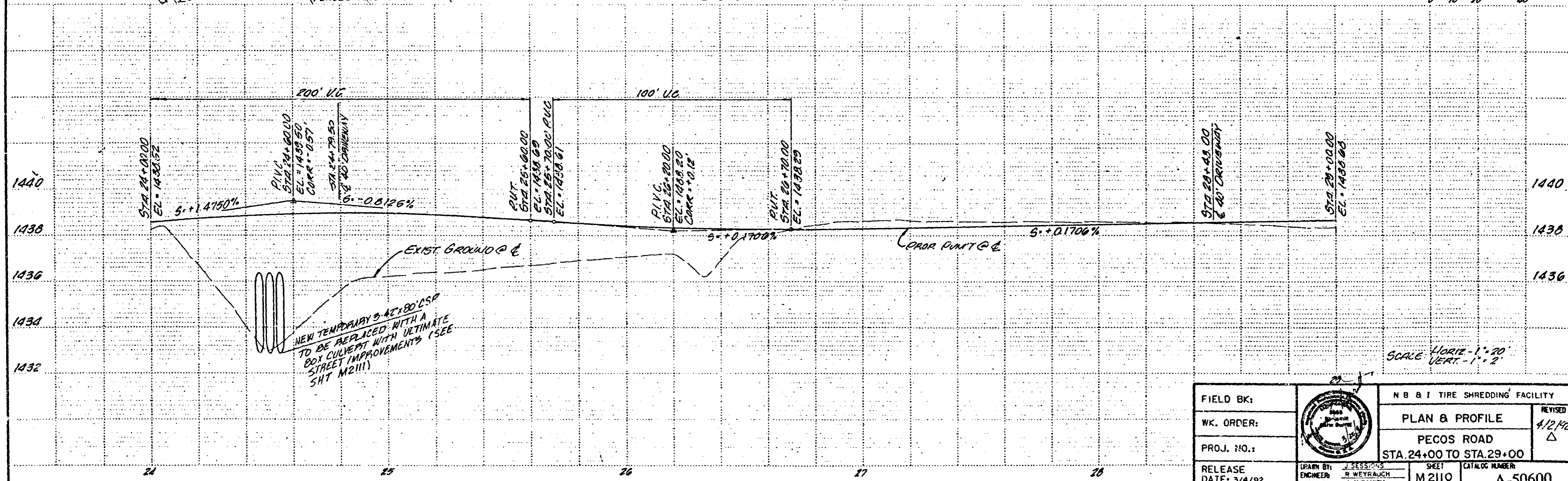
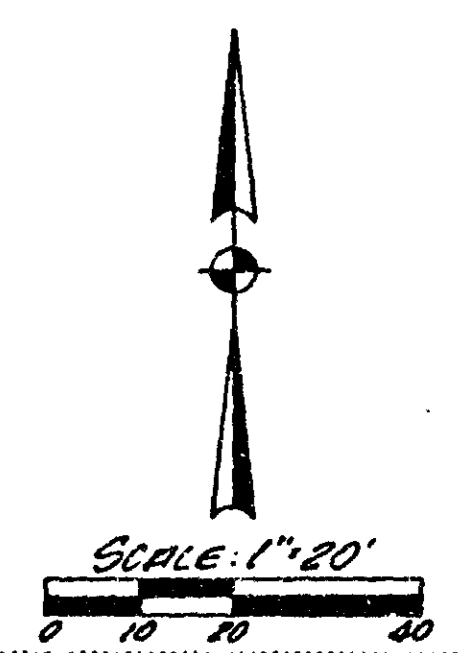
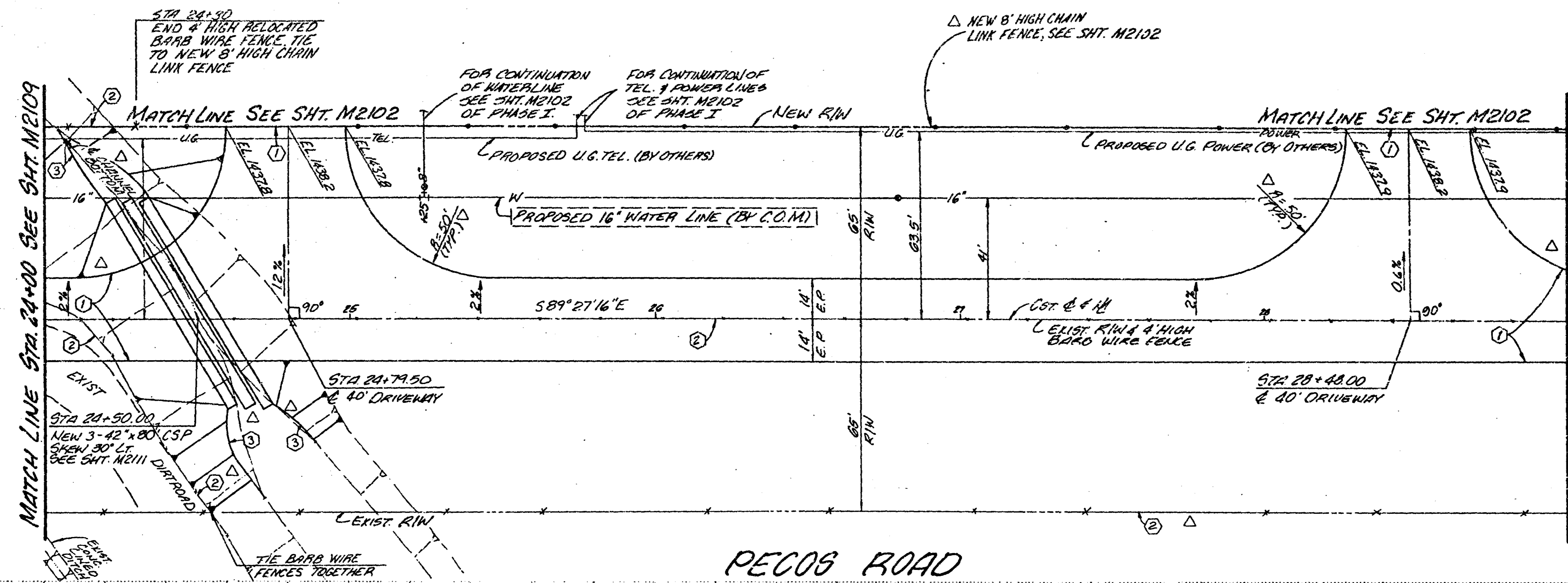


NO.	DATE	REVISIONS	LOCATION

FIELD BK:		N B & I TIRE SHREDDING FACILITY	
WK. ORDER:		PLAN & PROFILE	REVISED 4/2/92
PROJ. NO.:		PECOS ROAD	△
RELEASE DATE: 3/4/92	DRAWN BY: J. SESSIONS ENGINEER: J. WELTBAUGH APPROVED BY: J. S. FAIRMAN	SHEET M2109	CATALOG NUMBER A-50599



- CONSTRUCTION NOTES**
- INSTALL A.C. PUNT PER TYP SECTION ON SHT. M2111 (2247.5' THIS SHT)
  - RELOCATE EXIST. BARB WIRE FENCES TO NORTH & SOUTH R/W LINE (530 L.F. THIS SHT.) REMOVE REMAINDER OF FENCE.
  - REGRADE TO MATCH EXIST CHANNEL



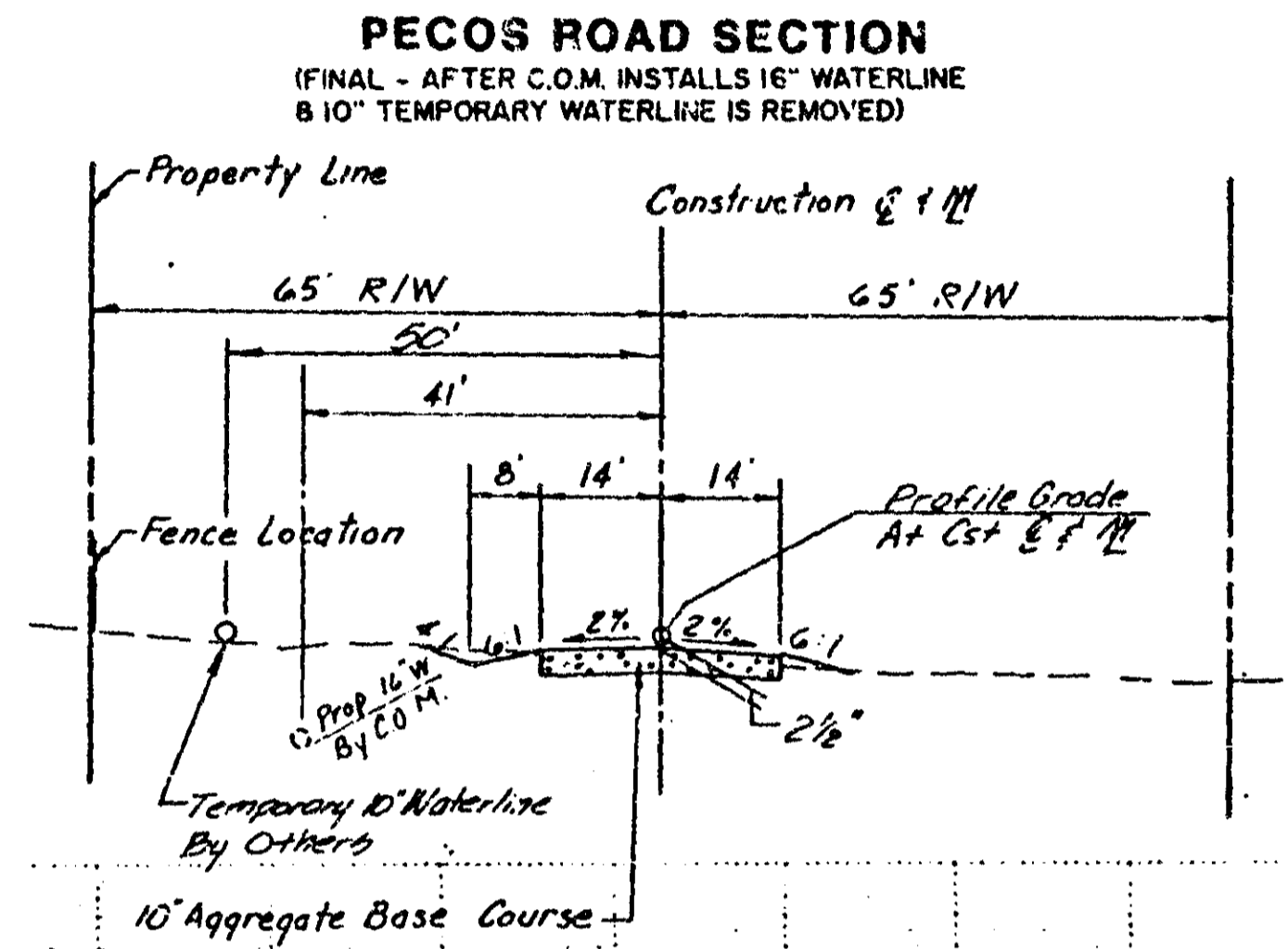
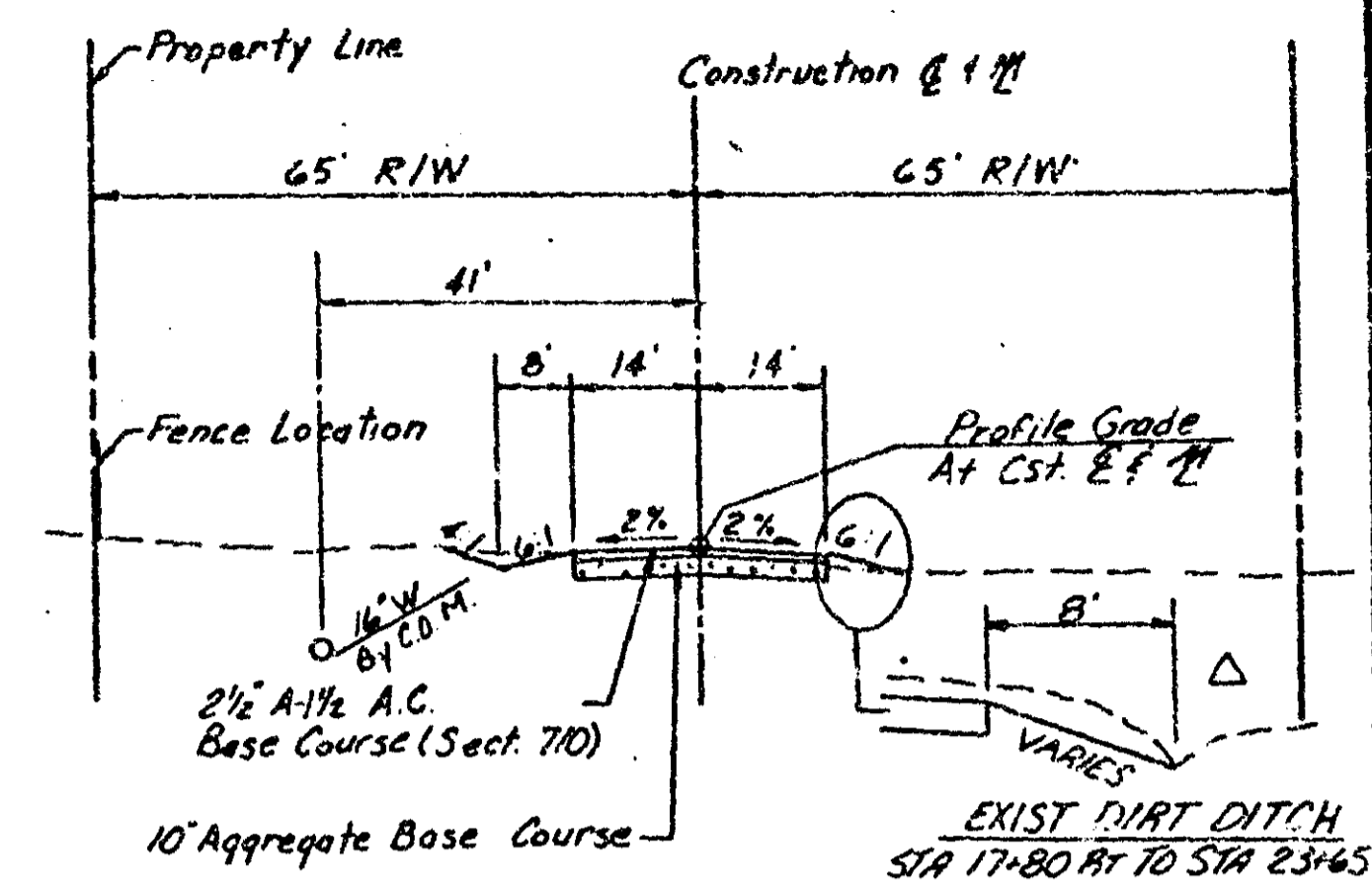
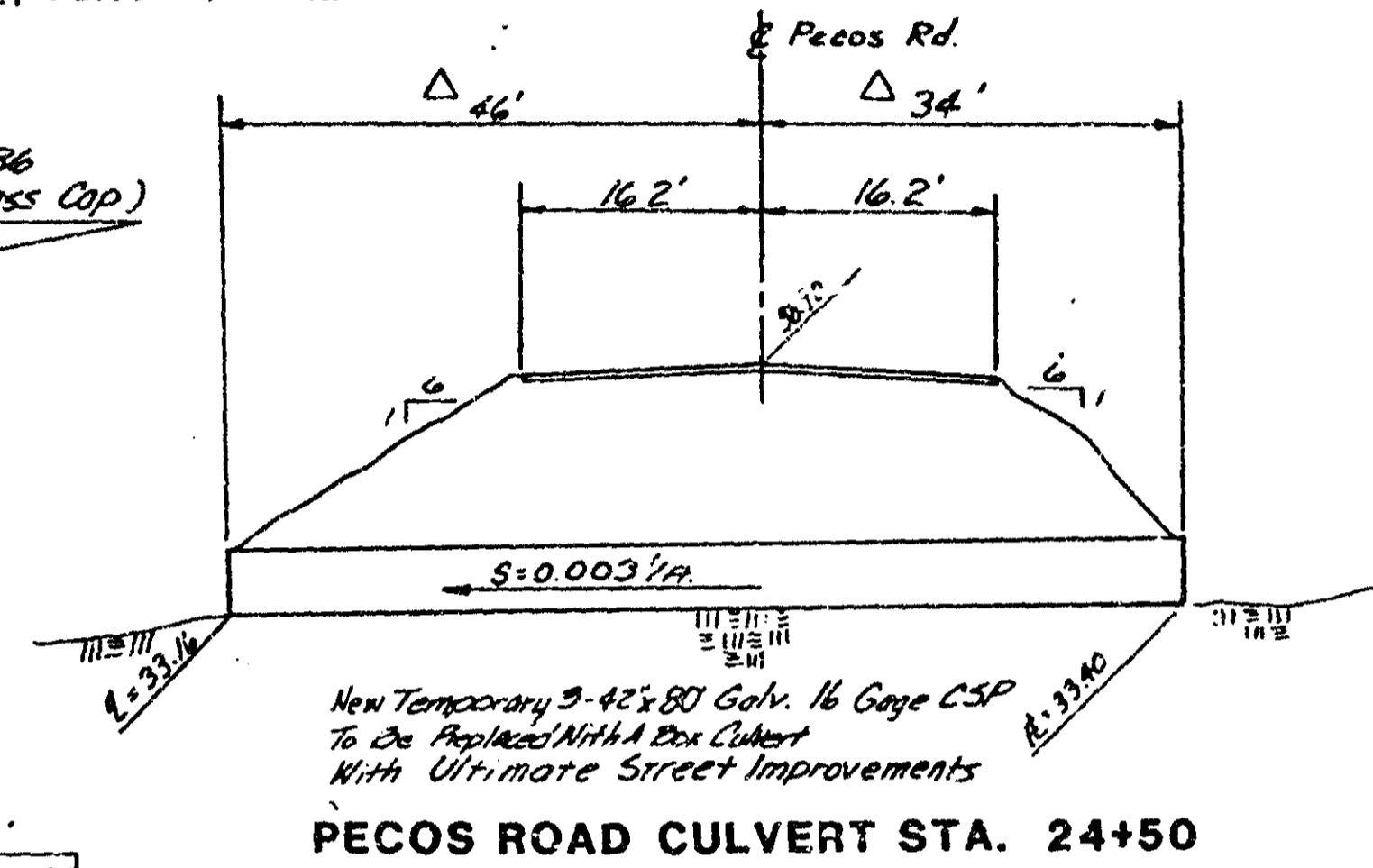
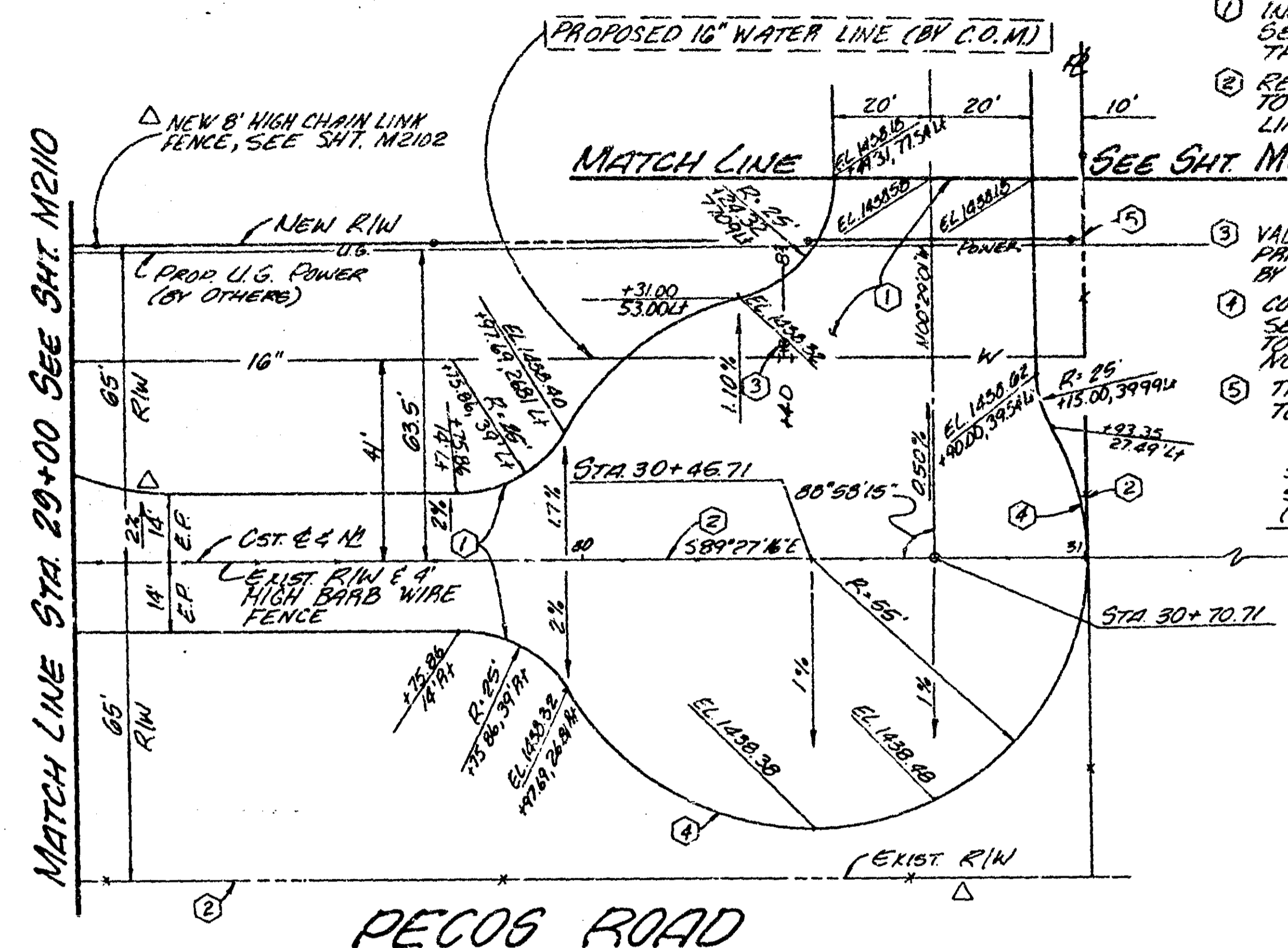
DATE	LOCATION	REVISIONS

FIELD BK:		NB & I TIRE SHREDDING FACILITY	
WK. ORDER:		PLAN & PROFILE	
PROJ. NO.:		PECOS ROAD	REVISED
RELEASE DATE: 3/4/92	DRAWN BY: J. SESSIONS ENGINEER: R. WEYRAUCH APPROVED BY: J. SUPANICH	SHEET	M 2110
		CATALOG NUMBER:	A-50600

**CONSTRUCTION NOTES**

- ① INSTALL A.C. PUMP PER TYP. SECTION ON THIS SH. (515 SY. THIS SHEET.)
- ② RELOCATE EXIST. BARB WIRE FENCE TO SOUTH R/W LINE & EAST PROPERTY LINE (330 L.F. THIS SH.) ADDITIONAL POST & WIRE NEEDED TO COMPLETE FENCE LINE SHALL BE OF SAME MATERIAL AS EXISTING BARB WIRE FENCE.
- ③ VALVE TO BE ADJUSTED TO FINISHED GRADE PRIOR TO PLACING OF A.C. BASE COURSE BY THE CONTRACTOR PER M.A.G. STD. DETAIL 270
- ④ CONSTRUCT CUT SECTION FROM TYPICAL SECTION'S ON EAST & SOUTH SIDE OF CUL-DE-SAC TO ENSURE THAT OFF-SITE DRAINAGE DOES NOT FLOW ON TO PAVEMENT
- ⑤ TIE CHAIN LINK FENCE & BARB WIRE FENCE TOGETHER

NOTE:  
The Engineer Certifies That The Location Of The Pavement Cut Is The Point At Which The Structural Integrity Of The Roadway Is Equal To Or Greater Than Current City Standards. May Not Apply To Mountain Road If Road Does Not Currently Meet City Standards.



NO.	REVISIONS	DATE

FIELD BK:		NB & I TIRE SHREDDING FACILITY	
WK. ORDER:		PLAN & PROFILE	REVISED 3/27/92
PROJ. NO.:		PECOS ROAD	4/2/92
RELEASE DATE: 3/4/92	DRAWN BY: J. SESSIONS ENGINEER: R. WEITRAUCH APPROVED BY: J. SUPANICH	SHEET M 2111	CATALOG NUMBER A-50601

SCALE HORIZ. - 1" = 20'  
VERT. - 1" = 2'