





**CONSTRUCTION NOTES**

**REMOVALS AND ADJUSTMENTS**

(NOTE 100) 1 LS  
REMOVE AND DISPOSE OF EXISTING VEGETATION WITHIN FIRING RANGE AND GRADING LIMITS.

(NOTE 101) 3 EA  
REMOVE AND DISPOSE OF EXISTING TREE.

**SITE CONSTRUCTION**

(NOTE 201) 1.35 SF  
NEW 7'x20' CONCRETE PAD PER DETAIL 2, SHEET 2.

(NOTE 202) 13,125 CY  
IMPORT 3/4" MINUS MATERIAL AND PLACE PER THE PROPOSED BERM LAYOUT AND CROSS SECTIONS. THE QUANTITY SHOWN IS FOR COMPACTED IN-PLACE MATERIAL. REFER TO DETAILS 1 AND 3 ON SHEET 2. PLACE FILL AND COMPACT TO 90% PER MAG SPEC. 331. COMPACT AREA UNDER PROPOSED BERM TO 90% PRIOR TO PLACEMENT OF FILL.

(NOTE 203) 1,440 CY  
GRADE FLOOR OF RIFLE RANGE TO THE PROPOSED ELEVATIONS SHOWN ON THE PLANS. SCREEN MATERIAL TO 3/4" MINUS AND PLACE MATERIAL TO CONSTRUCT BERMS. MATERIAL LARGER THAN 3/4" CAN BE USED AS FILL MATERIAL OF THE BACK OF THE BERMS TO HELP PREVENT EROSION.

(NOTE 204) 200 LF  
GRADE 6" DEEP DRAINAGE SWALE PER DETAIL 4, SHEET 2.

**ADD ALTERNATES CONSTRUCTION**

(NOTE 300) 1 LS  
NEW CRACK SEAL FOR EXISTING ASPHALT.

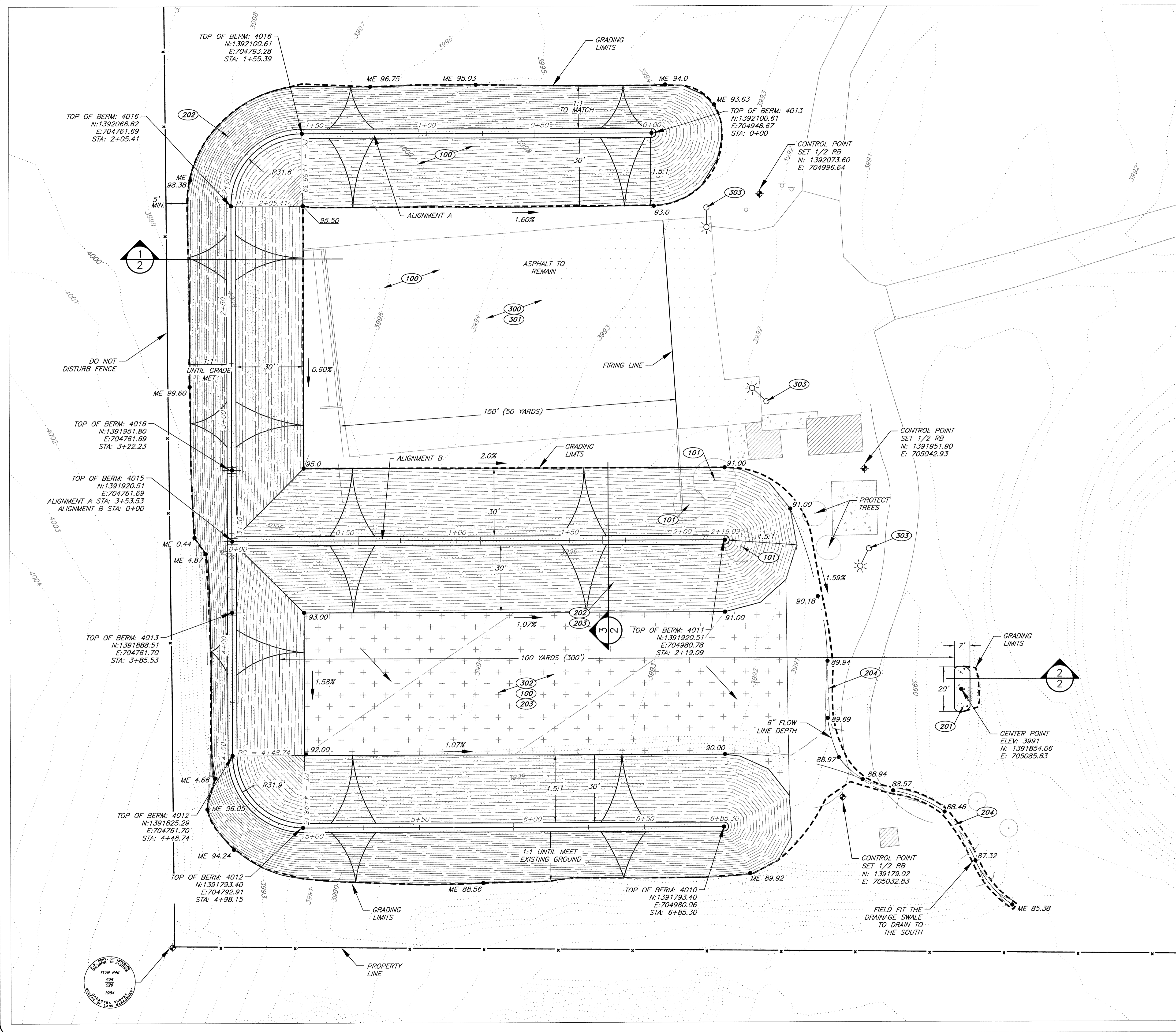
(NOTE 301) 1,790 SY  
NEW CHIP SEAL FOR EXISTING ASPHALT.

(NOTE 302) 1,540 SY  
NEW 4" THICK ABC FOR RIFLE RANGE FLOOR.

(NOTE 303) 3 EA  
INSTALL NEW 20' SHOEBOX STYLE OVERHEAD LIGHT PER DETAIL 5, SHEET 2. THE LIGHT SHALL BE A SOLAR ONE LOES-K48T3 SERIES LIGHT OR APPROVED EQUAL. INCLUDES POLE, LIGHT, POLE BASE, BATTERY, CONTROLLER, AND ALL ADDITIONAL ACCESSORIES TO MAKE THE LIGHT COMPLETELY FUNCTIONAL. CONTRACTOR SUBMIT CUT SHEETS OF THE LIGHT TO THE CITY OF SEDONA FOR APPROVAL PRIOR TO CONSTRUCTION. REFER TO PROJECT SPECIFICATIONS.

HP = HIGH POINT  
ME = MATCH EXISTING

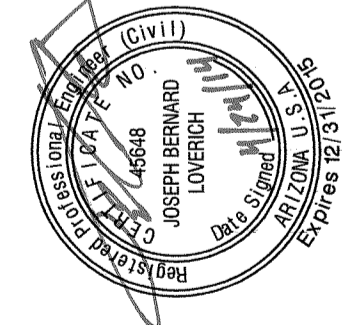
NOTES:  
DRAINAGE SWALES ADJACENT TO TOE OF BERM ARE PART OF BERM GRADING.



NO.	DATE	REVISIONS

Consulting Engineers & Surveyors  
 Licensed in Arizona, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Missouri, Nevada, New Jersey, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Virginia, Washington, Wisconsin, Wyoming  
**The WLB Group Inc.**  
 Offices located in: Tucson, Phoenix, Flagstaff, and Las Vegas, NV.  
 100 West Mesquite Street, Flagstaff, AZ 86001  
 Ph: (928) 779-1500

**CITY OF SEDONA**  
**POLICE DEPARTMENT**  
**SHOOTING RANGE IMPROVEMENTS**  
**GRADING & DRAINAGE PLAN**



DESIGNED BY: JLEW	EW
DRAWN BY: JLEW	JL
CHECK BY: JLEW	JL
DATE: APRIL 2014	
BY: JLEW	
DATE:	

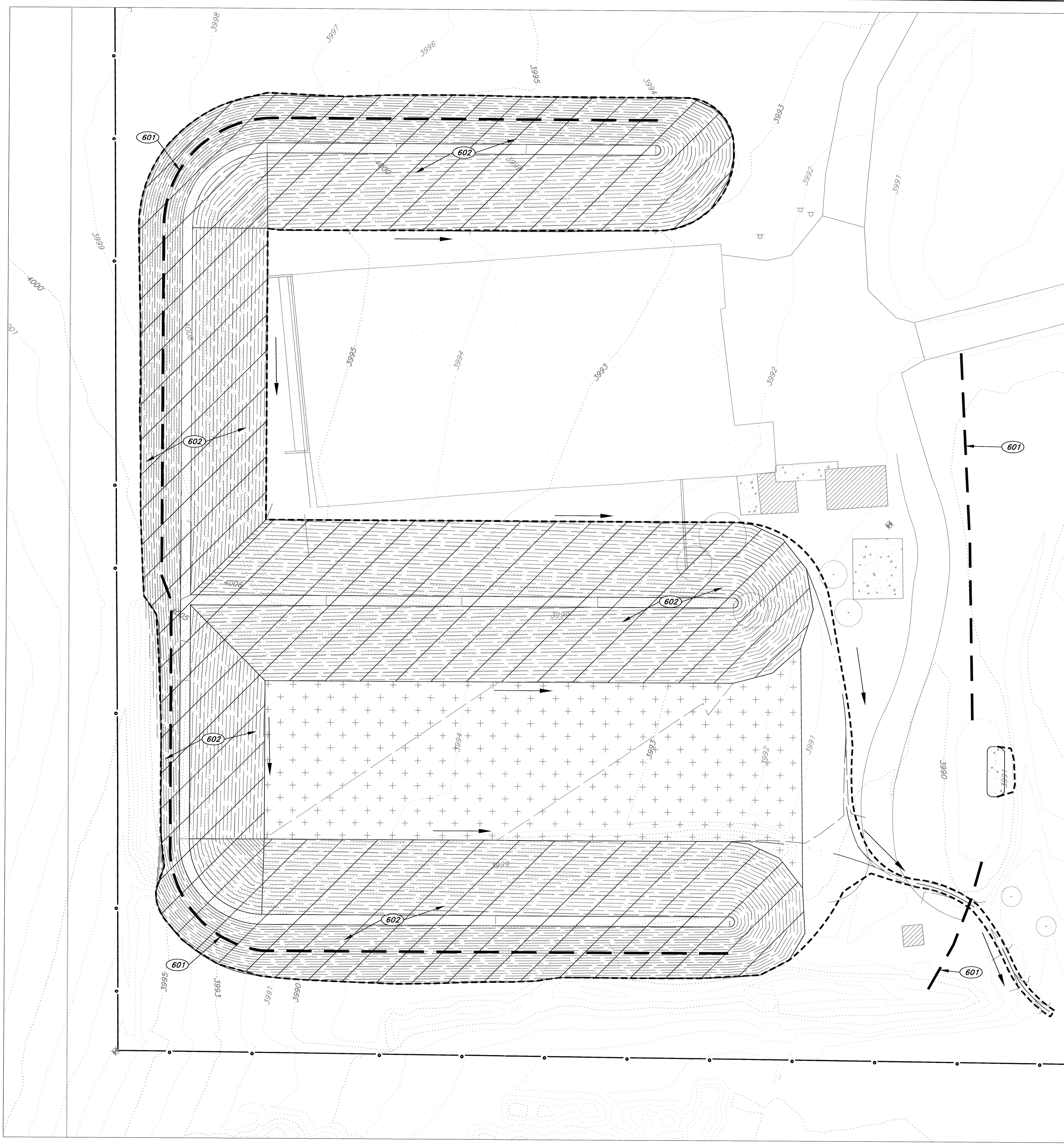
PROJECT NO.	313025A001
SHEET	OF
3	5

TWO WORKING DAYS BEFORE YOU DO CALL FOR THE BLUE STAKES  
 1-800-782-5348  
 BLUE STAKE CENTER  
**100% PLANS**

GRAPHIC SCALE  
 1" = 20'  
 HORIZONTAL SCALE 1" = 20'

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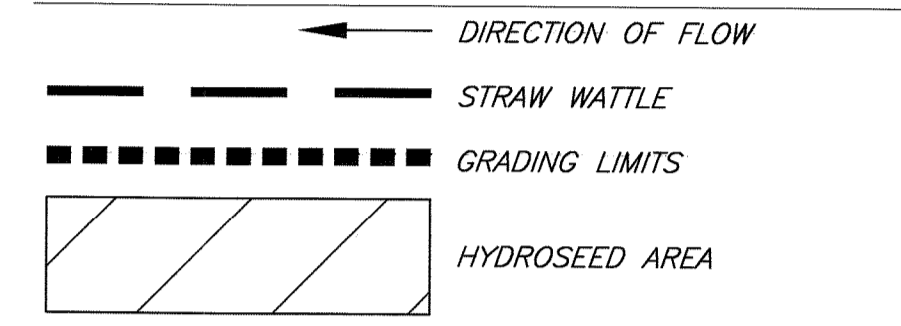
**GENERAL NOTES**

1. ALL EXISTING VEGETATION OUTSIDE OF THE CONSTRUCTION LIMITS WILL BE PRESERVED.
2. THE OPERATOR SHALL KEEP DOCUMENTS INCLUDING SWPPP INSPECTION REPORTS, BEGINNING AND ENDING DATES OF MAJOR GRADING ACTIVITIES AND STABILIZATION EFFORTS, AND THE AZDES GENERAL CONSTRUCTION PERMIT (AZG2003-001) AS A PART OF THIS SWPPP PLAN.
3. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REMOVE ANY SEDIMENT AND DEBRIS FROM THE EXISTING DRAINAGEWAYS BEFORE REMOVING THE SEDIMENT TRAPPING DEVICES.
4. ALL AREAS OUTSIDE GRADING LIMITS SHOWN SHALL NOT BE DISTURBED.
5. ALL BERMS SHALL BE SEEDED AS APPROVED BY THE CITY OF SEDONA.

**CONSTRUCTION NOTES**

- (NOTE 601) 920 LF  
CONSTRUCT STRAW WATTLES PER DETAIL 1, THIS SHEET.
- (NOTE 602) 1.16 AC  
HYDROSEED ALL BERMS PER THE LIMITS SHOWN.

**LEGEND**

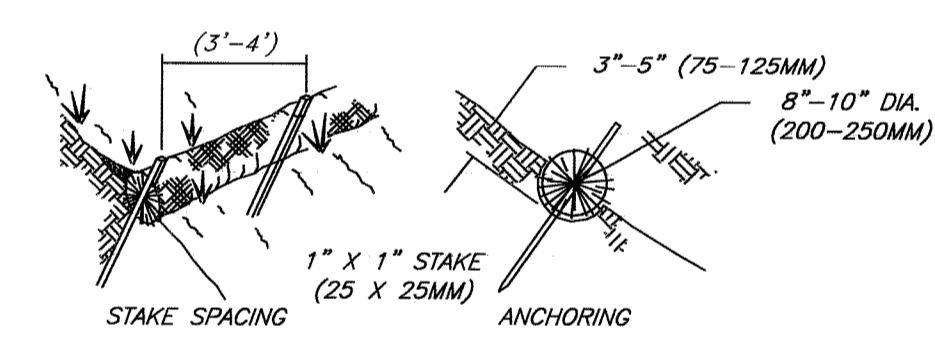


**NOTE**

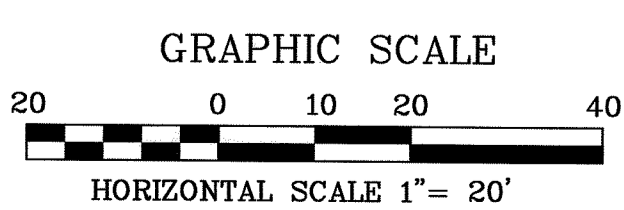
1. CONTRACTOR RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE OF THE SWPPP DURING CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE NOTICE OF INTENT (NOI) TO ADEQ PRIOR TO START OF CONSTRUCTION.
3. BMP'S SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION.
4. AT THE COMPLETION OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT THE NOTICE OF TERMINATION (NOT) TO ADEQ TO CLOSE PROJECT.

**NOTES:**

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" (75-125mm) DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
2. ADJACENT ROLLS SHALL TIGHTLY ABUT ONE ANOTHER.



**1 STRAW WATTLES**  
NOT TO SCALE



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1-800-782-5348

BLUE STAKE CENTER

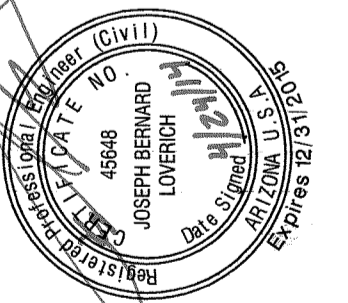
**100% PLANS**

NO.	DATE	ITEM	REVISIONS

The **WLB** Group, Inc.

Engineering • Planning • Surveying • Urban Design  
Landscape Architecture • Urban Design  
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CITY OF SEDONA  
POLICE DEPARTMENT  
SHOOTING RANGE IMPROVEMENTS  
SWPPP PLAN

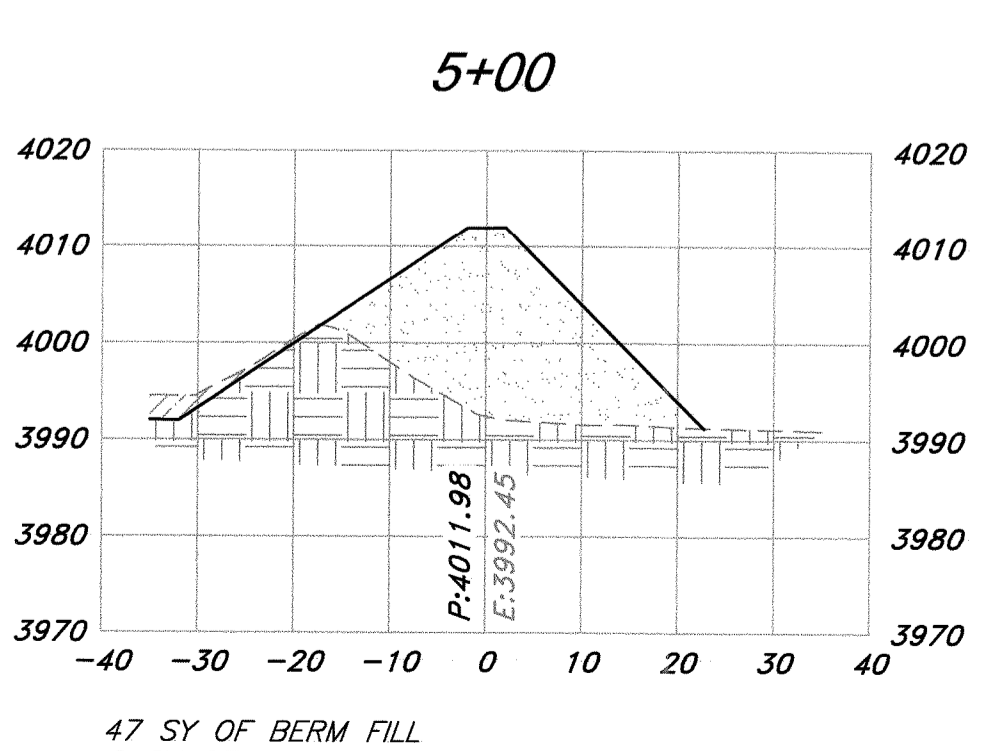
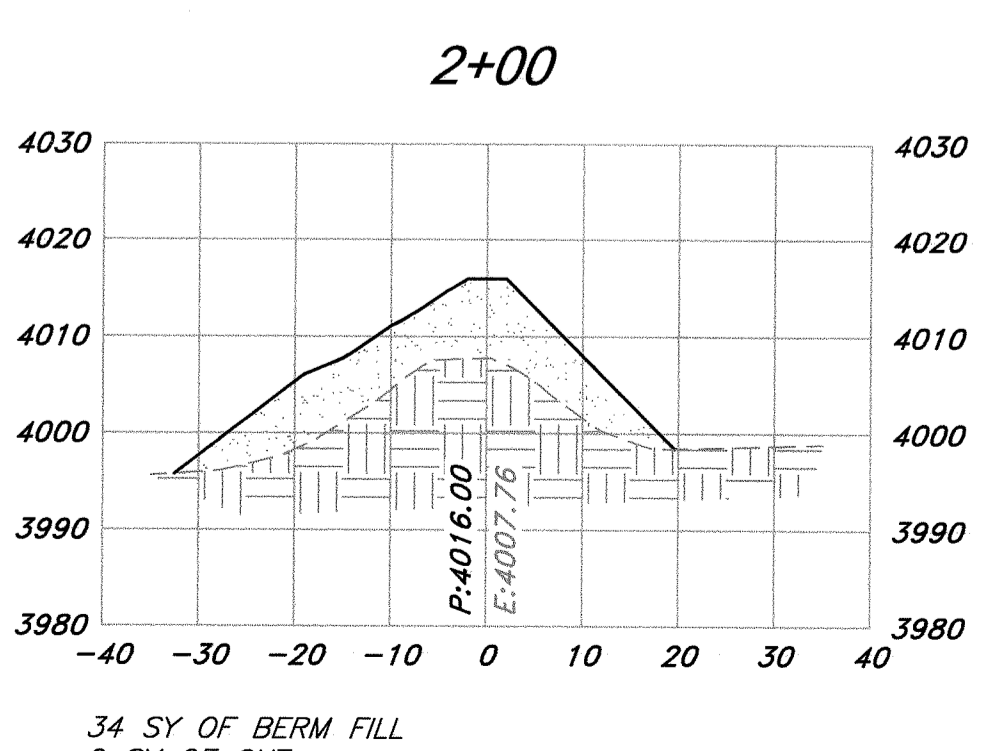
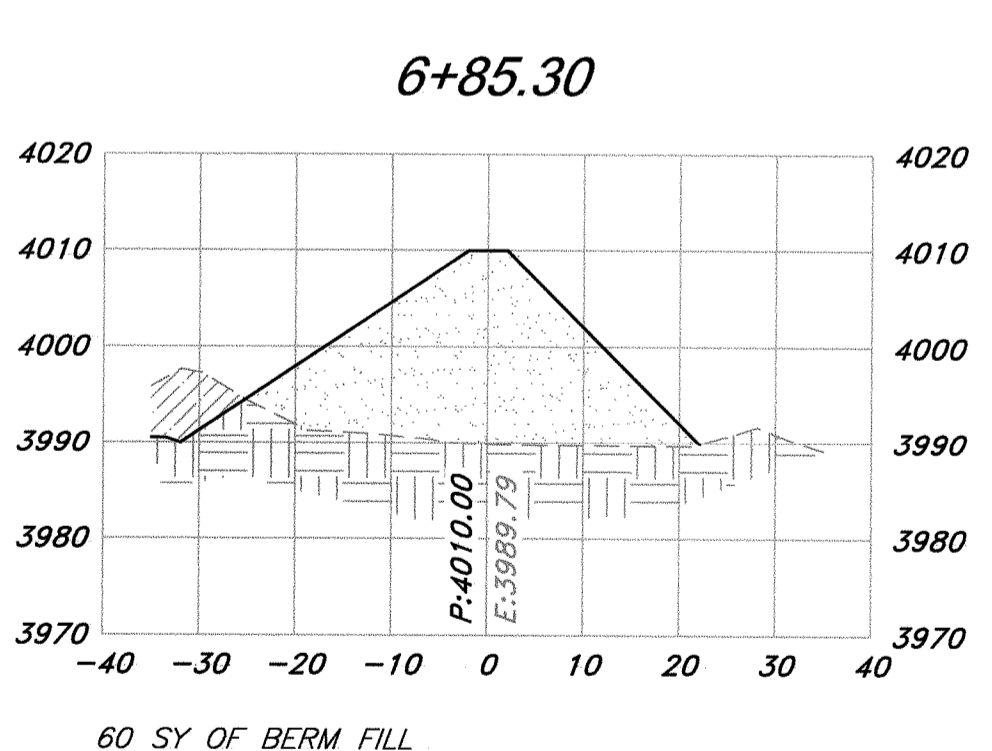
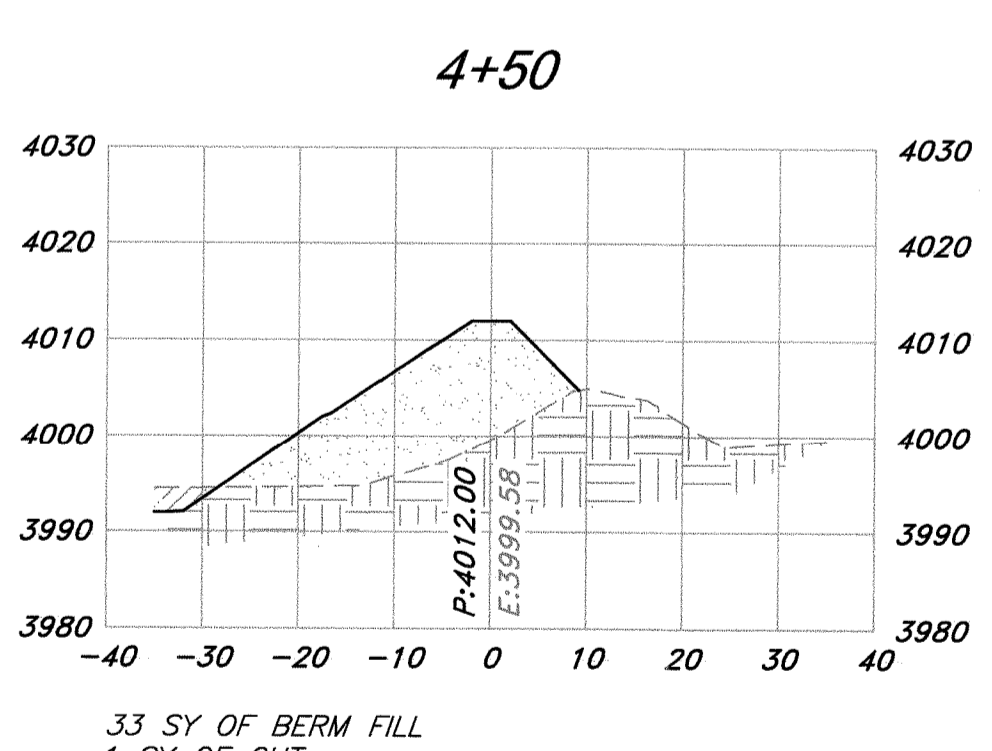
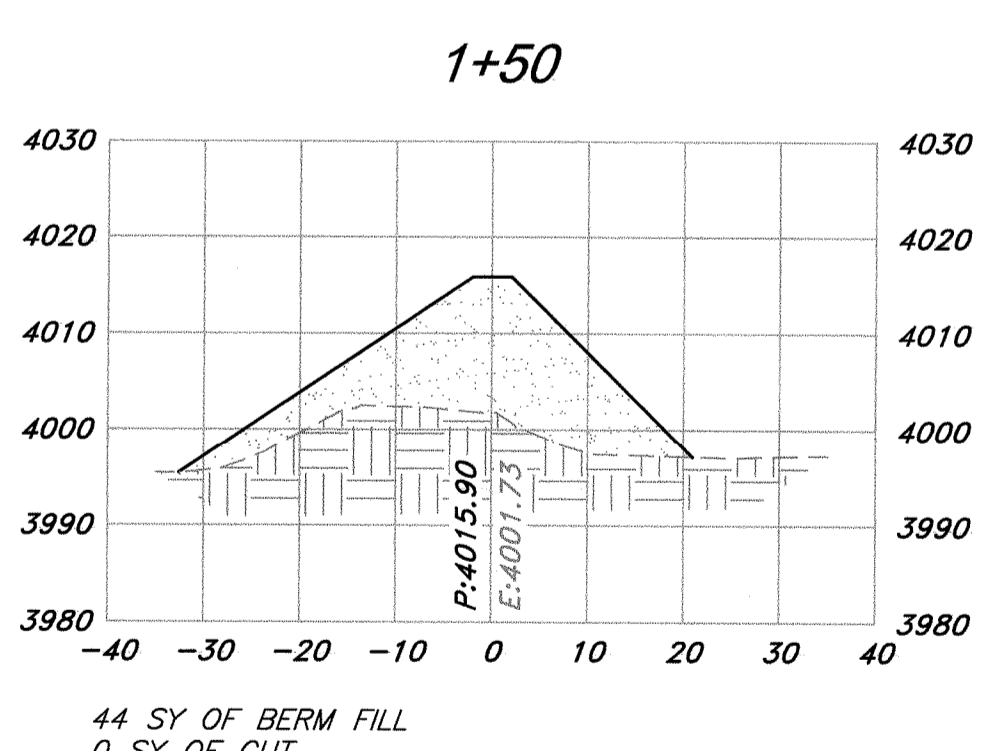
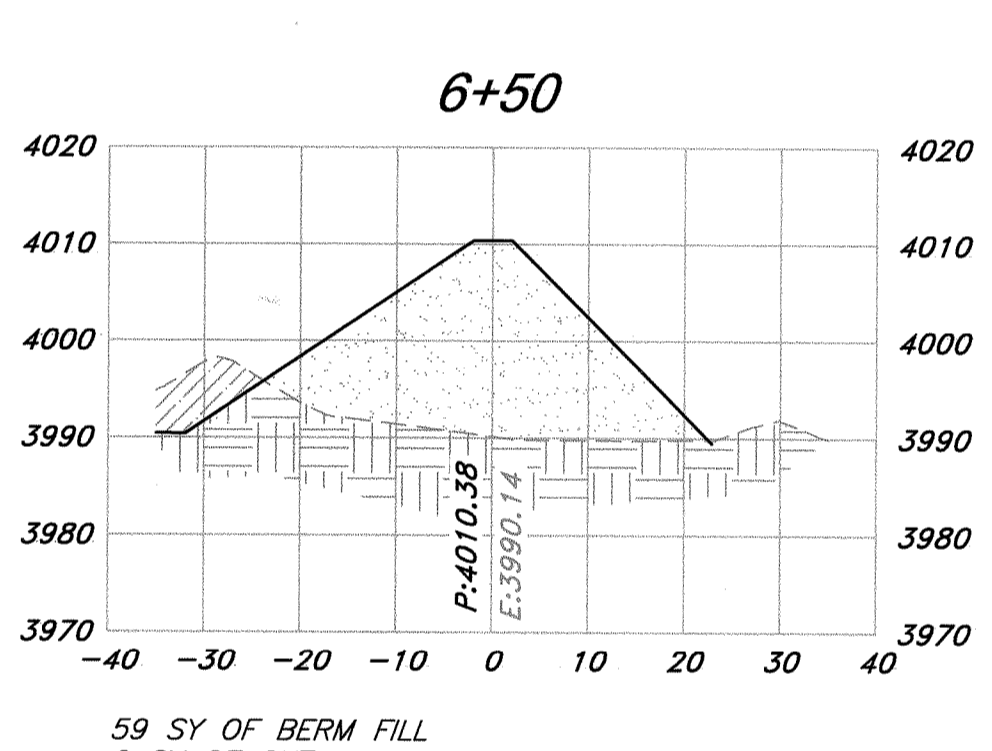
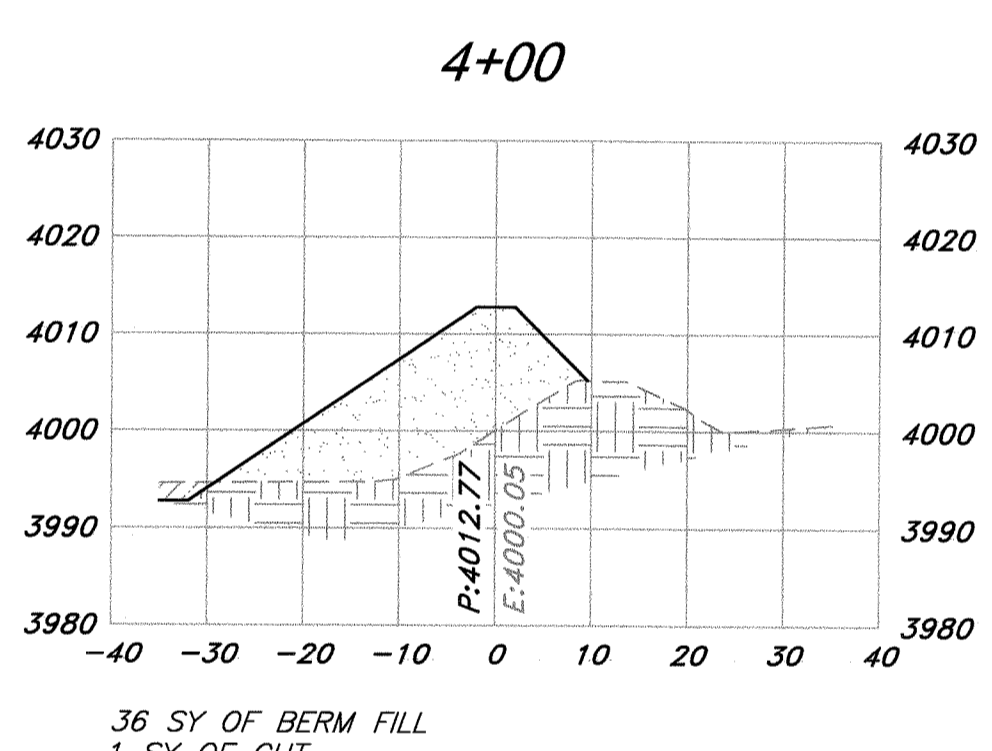
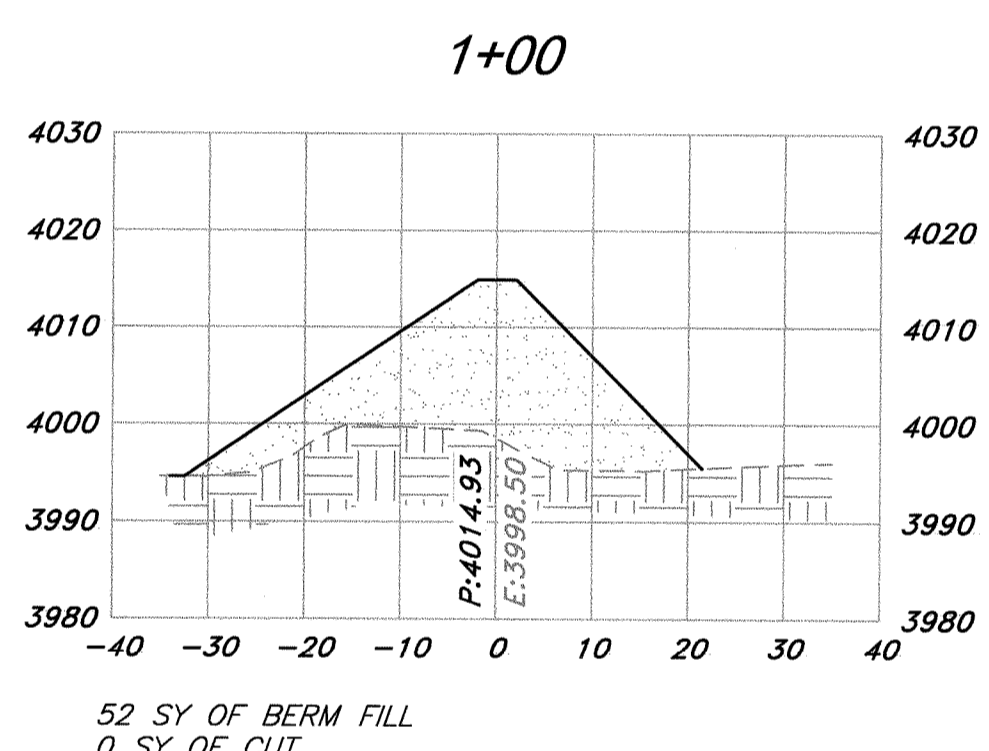
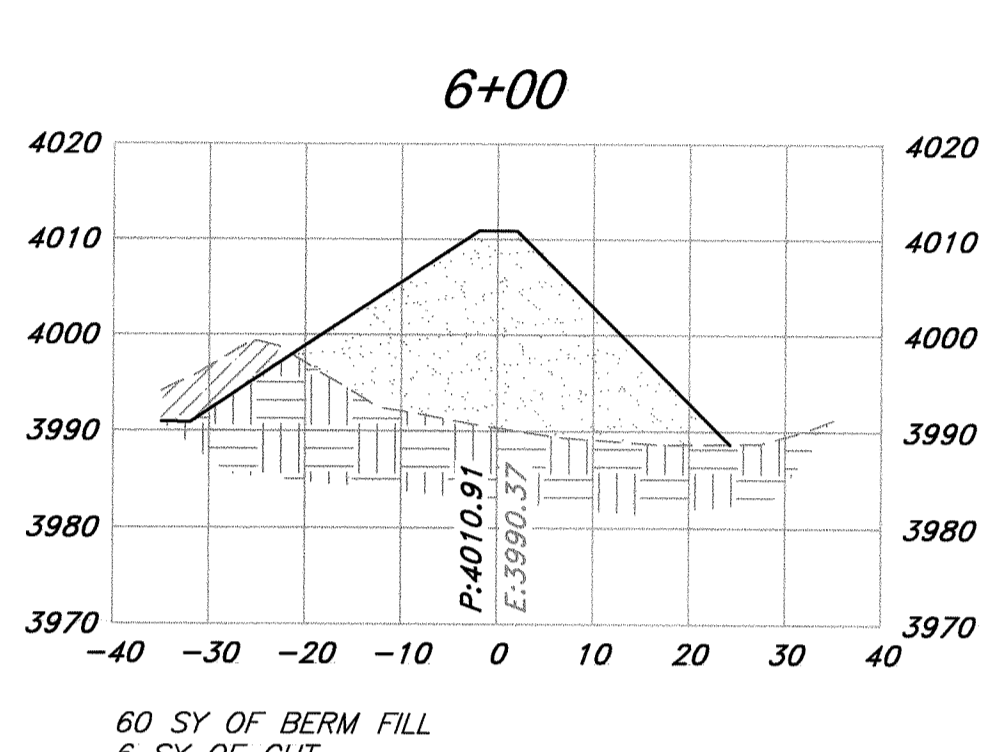
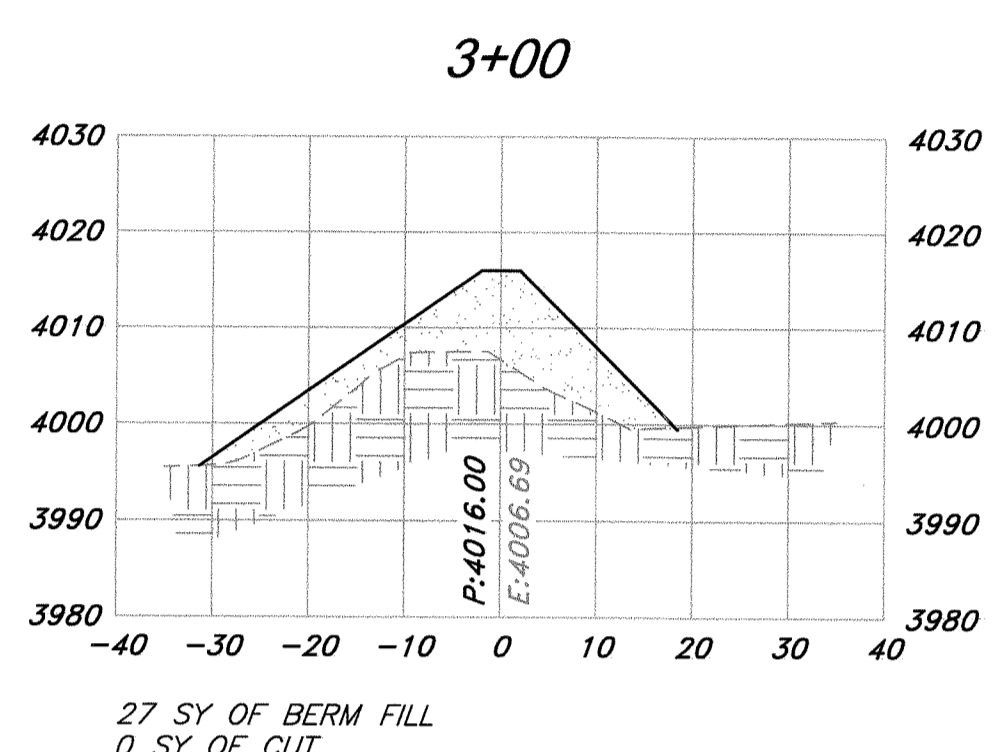
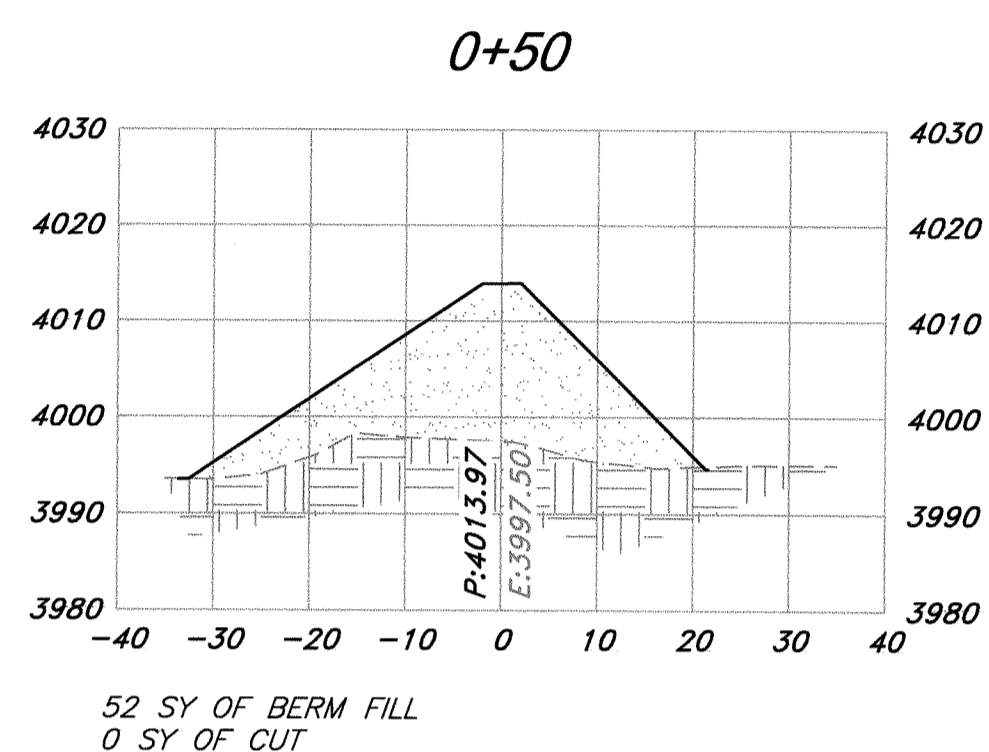
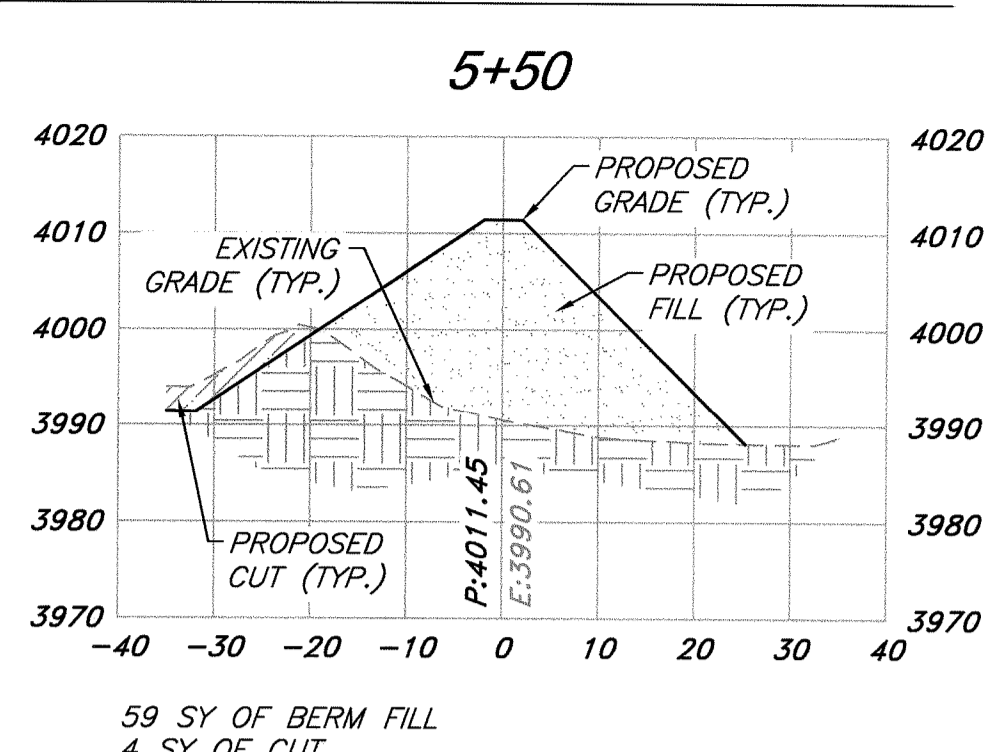
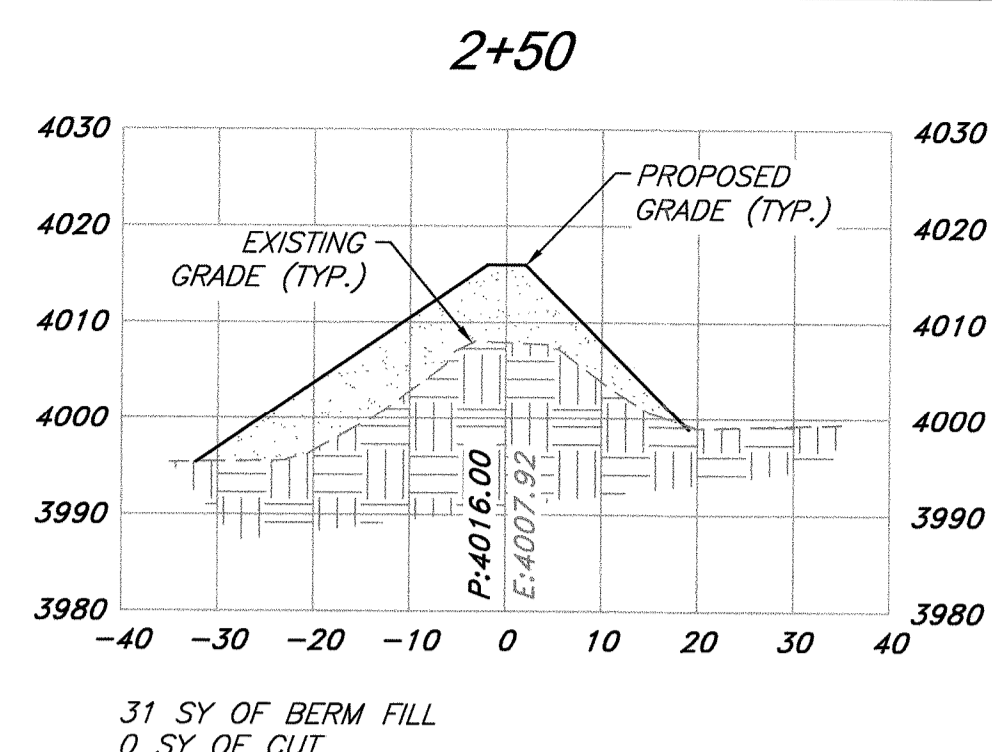
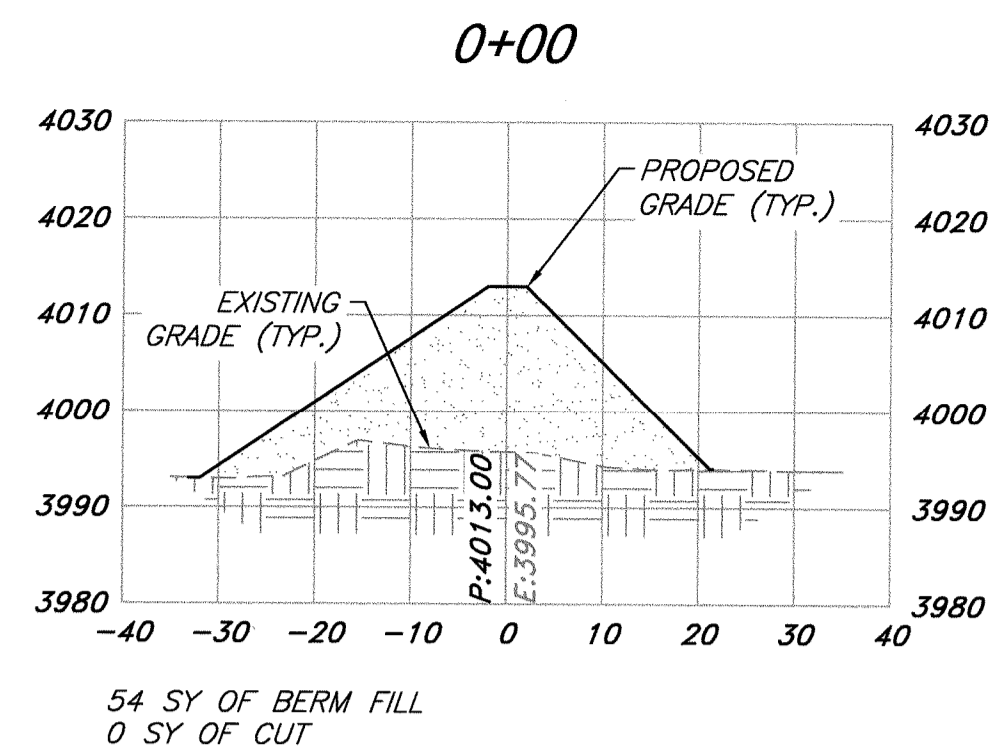


DESIGNED BY: JIL/EW  
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313025A001

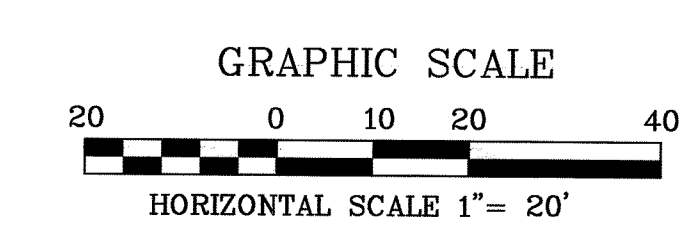
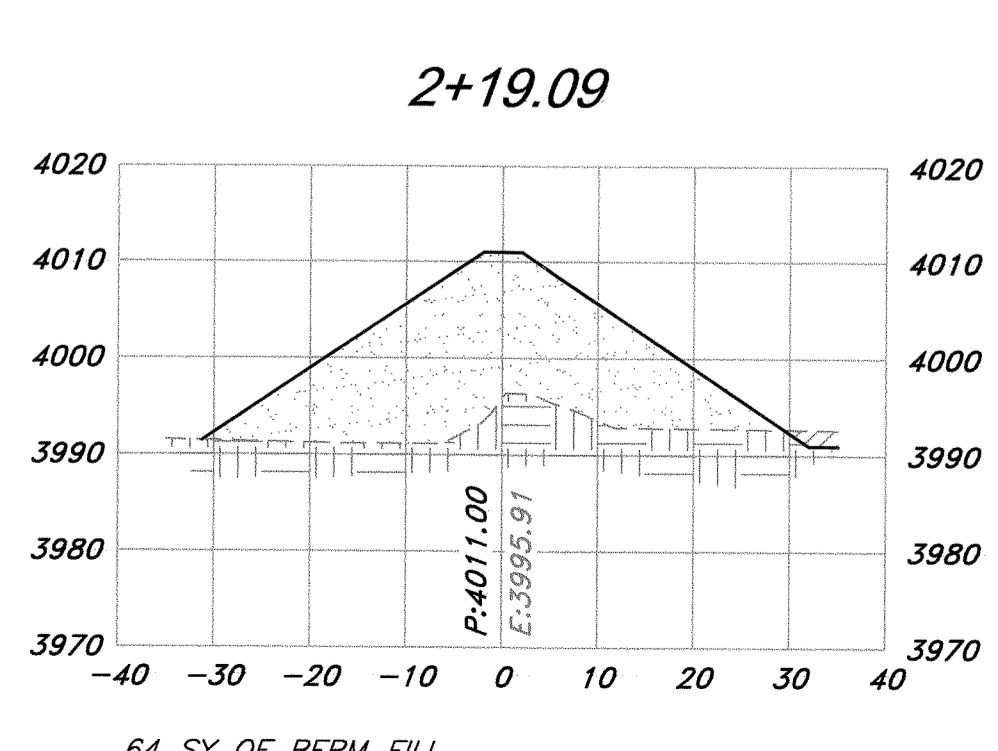
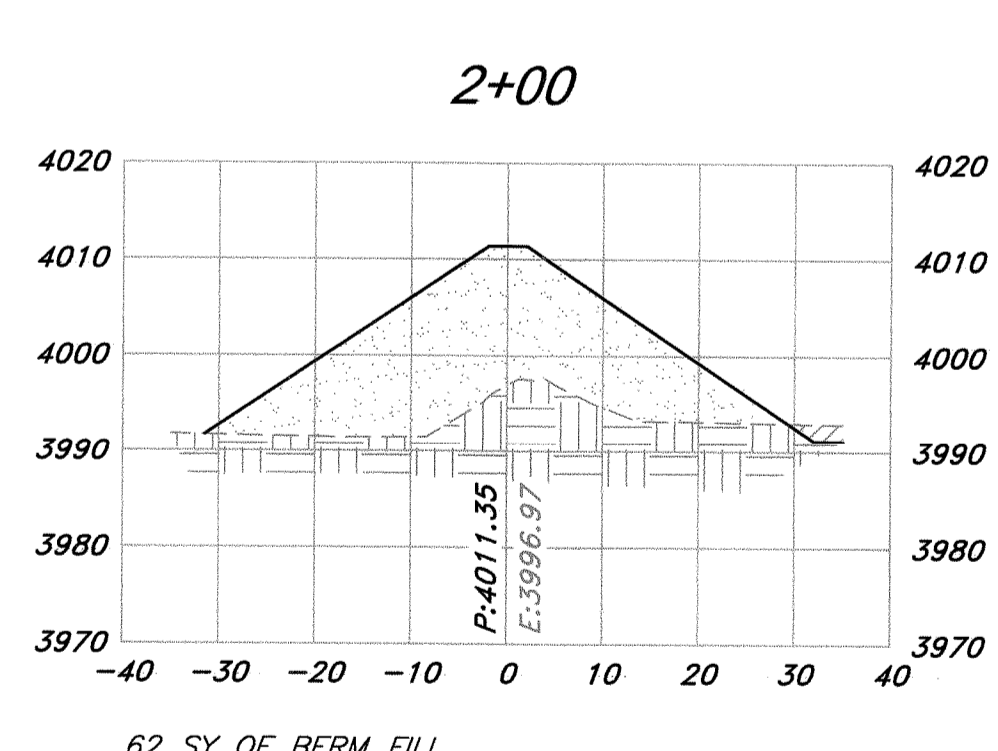
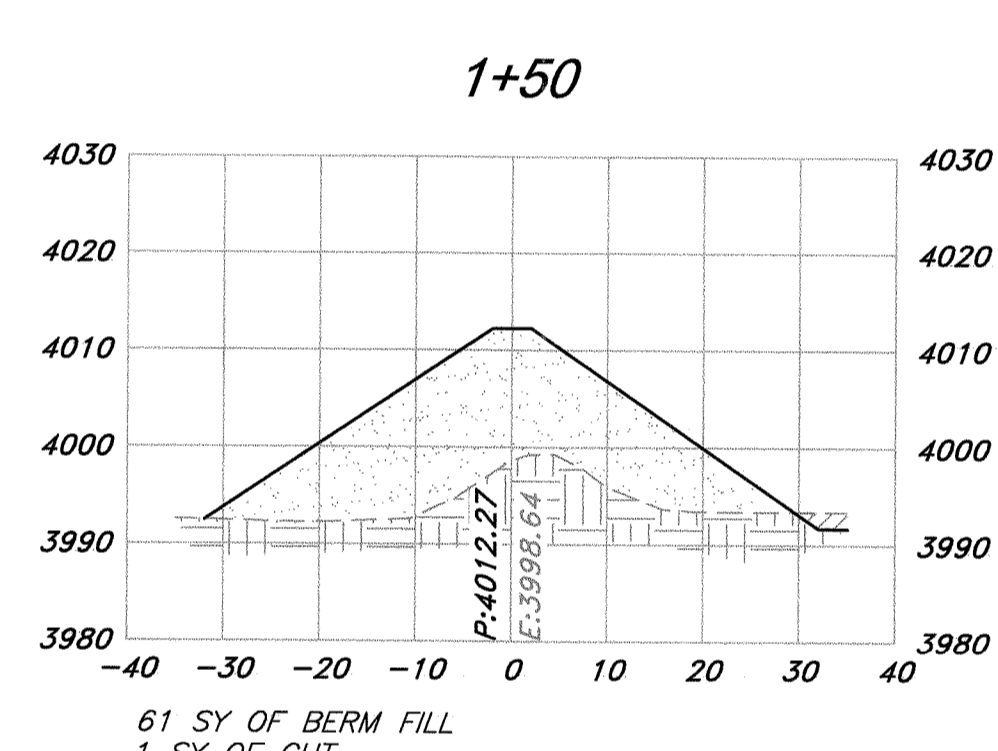
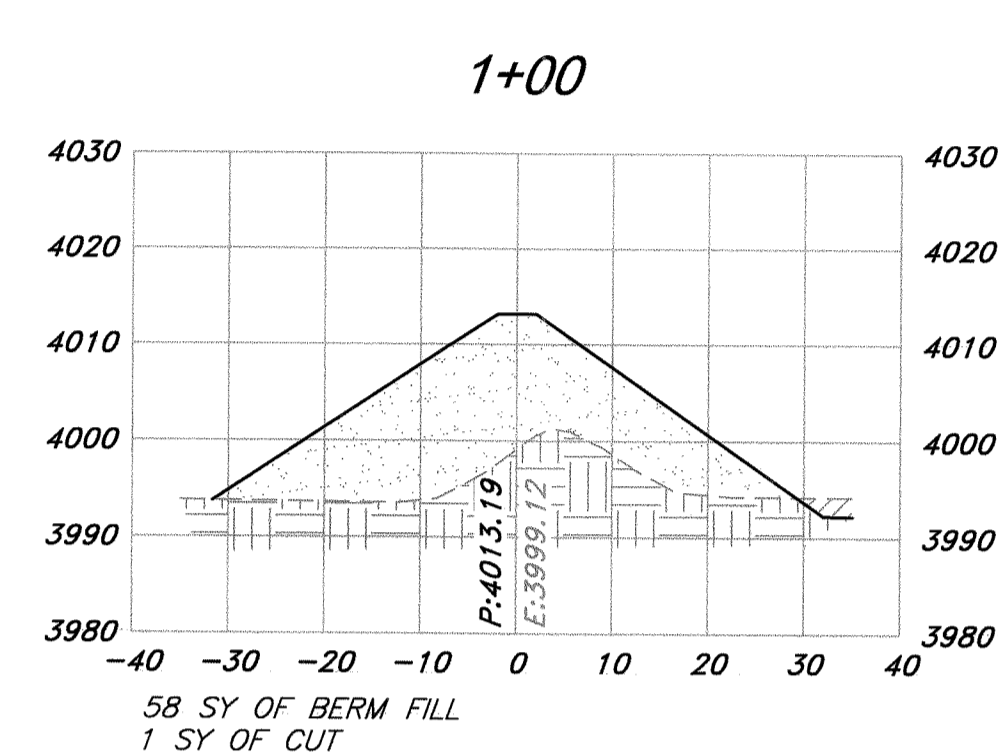
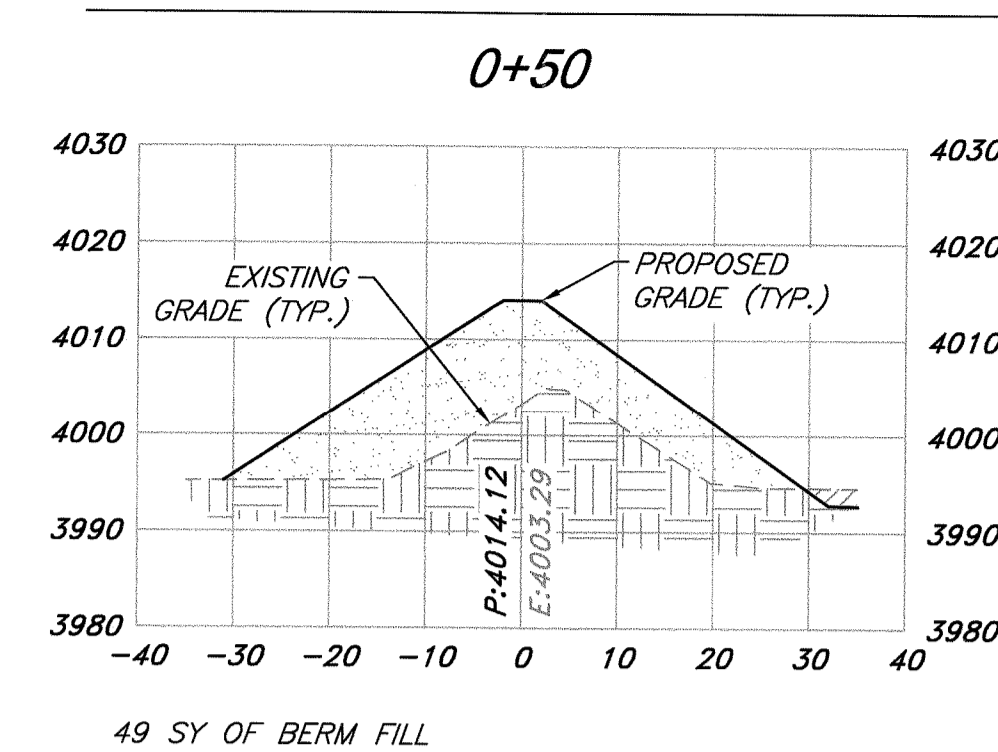
SHEET OF  
**4 5**

ALIGNMENT A



P:4016.00 = PROPOSED GRADE  
E:3995.00 = EXISTING GRADE

ALIGNMENT B

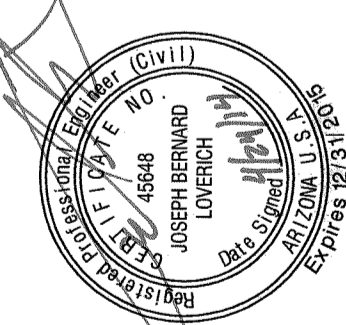


100% PLANS

NO.	DATE	REVISIONS

The **WLB** Group, Inc.  
 WLB Group, Inc.  
 City of Sedona Police Department  
 Shooting Range Improvements  
 Berm Cross Sections

CITY OF SEDONA  
 POLICE DEPARTMENT  
 SHOOTING RANGE IMPROVEMENTS  
 BERM CROSS SECTIONS



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PROJECT NO. 313025A001
SHEET 5 OF 5

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