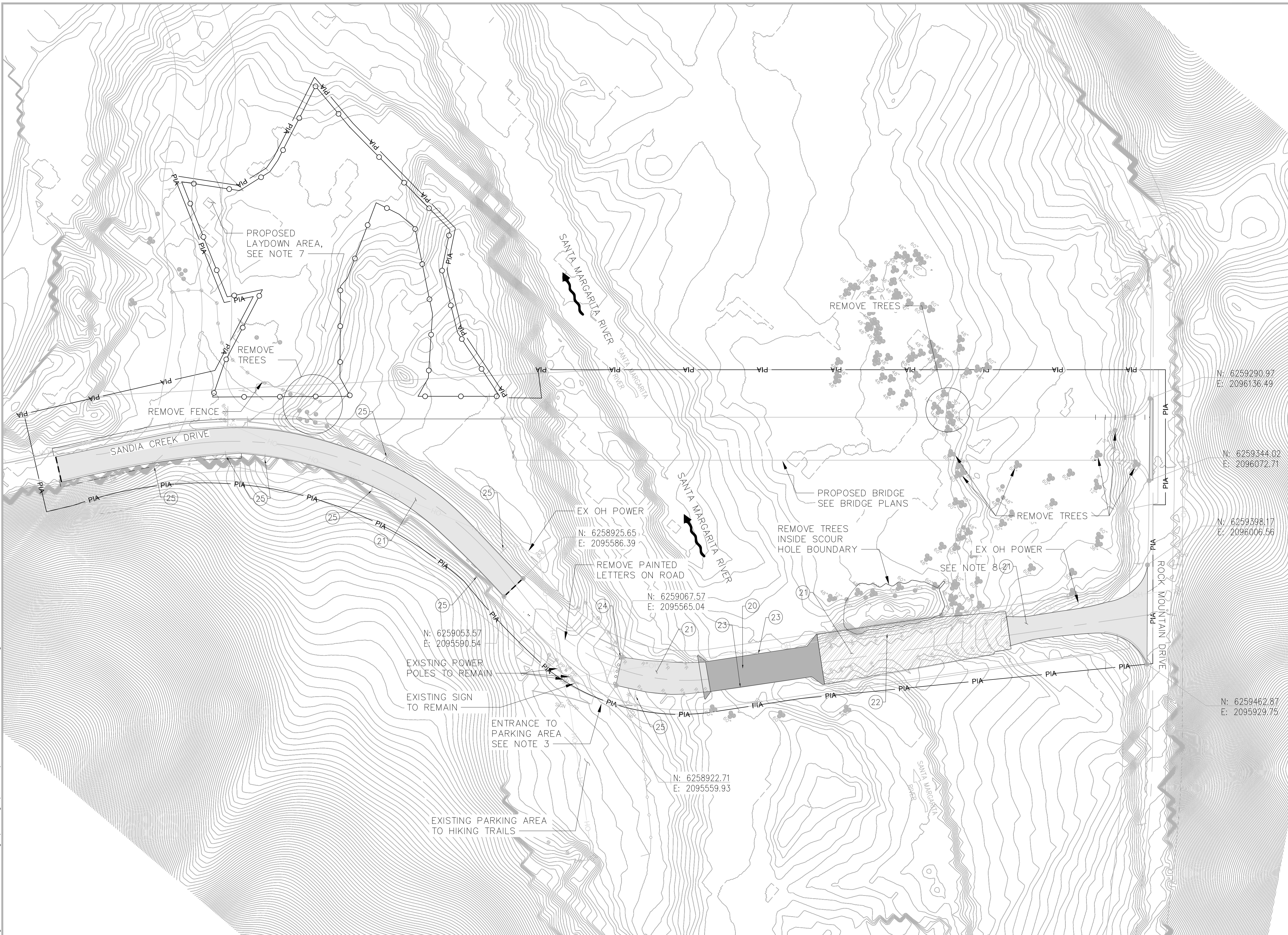


Plotted: Dec 15, 2021 - 5:07pm  
 M:\2017\1700232 Santa Margarita River Fish Passage Drawings\Current\Drawings\C7-Demolition Plan.dwg  
 Layout: C7  
 amunez



**NOTES:**

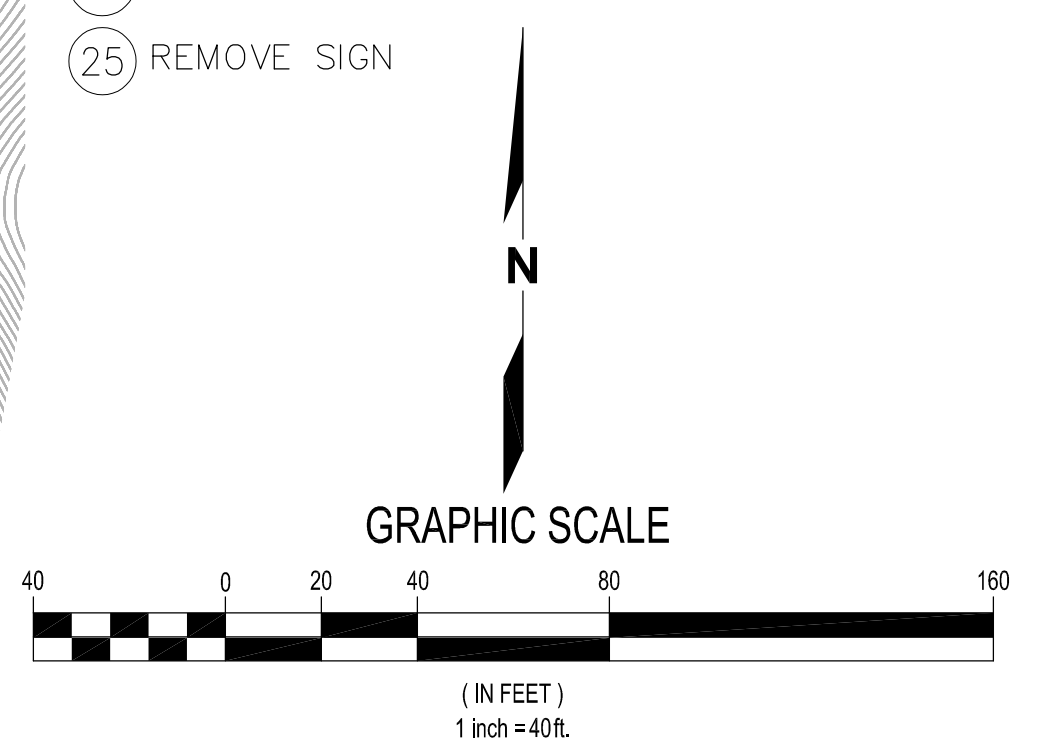
1. CONTRACTOR SHALL PREVENT ANY MATERIAL FROM ENTERING THE RIVER.
2. EXISTING BRIDGE SHALL REMAIN OPERATIONAL UNTIL NEW BRIDGE IS OPEN TO TRAFFIC.
3. MAINTAIN ACCESS TO EXISTING HIKING TRAILS PARKING AREA.
4. REMOVAL OF EXISTING BRIDGE, ROADWAY, CONCRETE SUPPORTS, AND APPURTENANCES SHALL BE INCLUDED WITHIN THE LIMITS SHOWN ON THE PLANS.
5. CONTRACTOR SHALL REVIEW RECORD DRAWINGS FOR SANDIA CREEK DRIVE R.S. 741-1 WITH A PROJECT COMPLETION DATE OF 12-21-79.
6. UNLESS OTHERWISE SPECIFIED, CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES IN PLACE.
7. CONTRACTOR SHALL PROTECT THE COAST LIVE OAK TREES WITHIN THE LAYDOWN AREA.
8. AFTER THE EXISTING PAVEMENT SECTION IS REMOVED, THE CONTRACTOR SHALL SMOOTH OUT AND LEVEL THE EXISTING SUBGRADE SURFACE TO REMAIN IN PLACE.

**LEGEND:**

- PIA PROJECT IMPACT AREA LIMIT
- EXISTING REINFORCED CONCRETE BOXES AND WINGWALLS
- EXISTING ROADWAY
- EXISTING CONCRETE RETAINING STRUCTURE WITH ROADWAY
- SAW CUT BOUNDARY
- EXISTING SIGN

**DEMOLITION KEY NOTES:**

- (20) REMOVE EXISTING CONCRETE BOX CULVERTS
- (21) REMOVE EXISTING PAVEMENT SECTION
- (22) REMOVE EXISTING CONCRETE SUPPORT STRUCTURE
- (23) REMOVE EXISTING SHEET PILE WALLS
- (24) INSTALL BARRICADES
- (25) REMOVE SIGN



Full Size = 22" x 34", Half Size = 11" x 17"



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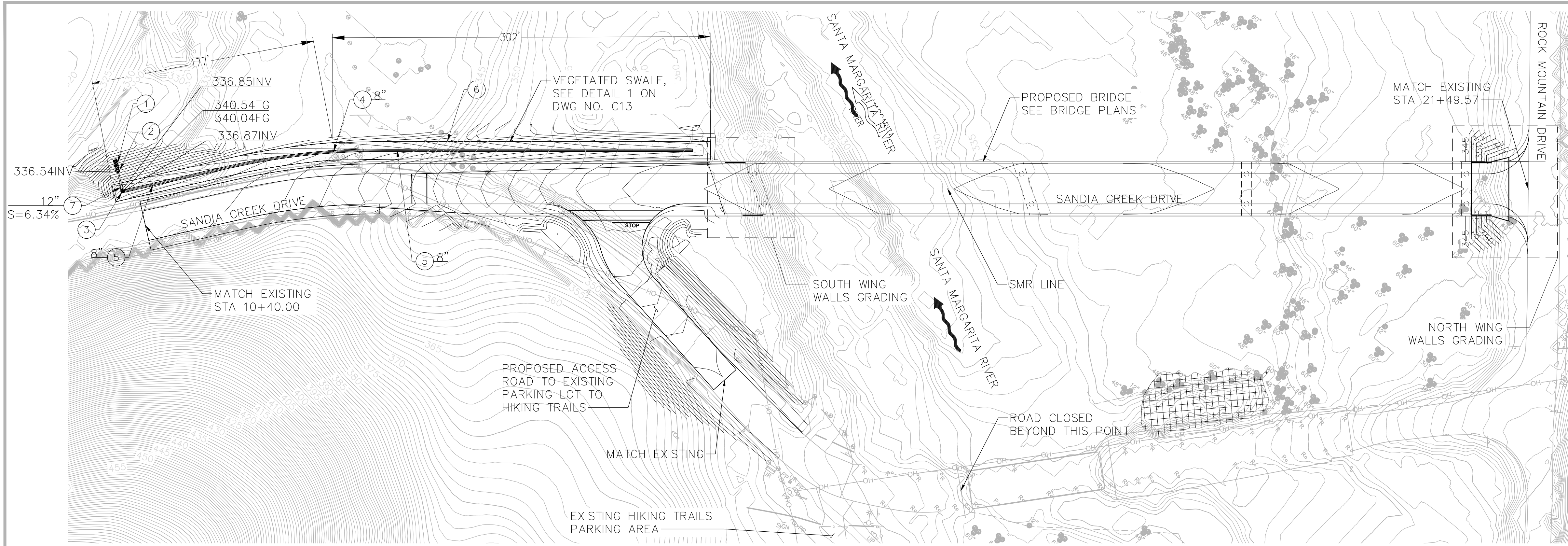
NO.	DATE	BY	REVISION

**SANDIA CREEK ROAD BRIDGE REPLACEMENT**

**DEMOLITION PLAN**

DRAWN: DYU	PROJECT NO.: 2000118
DESIGN: RO	SCALE: AS SHOWN
CHECKED: TG	DATE: 2021-10-08
DRAWING NO.	<b>C7</b>
SHEET NO.	<b>07</b> OF <b>54</b>

**FIRST IMPROVEMENT PLAN SUBMITTAL - NOT FOR CONSTRUCTION**



**PLAN**  
1"=50'

**DRAINAGE KEY NOTES:**

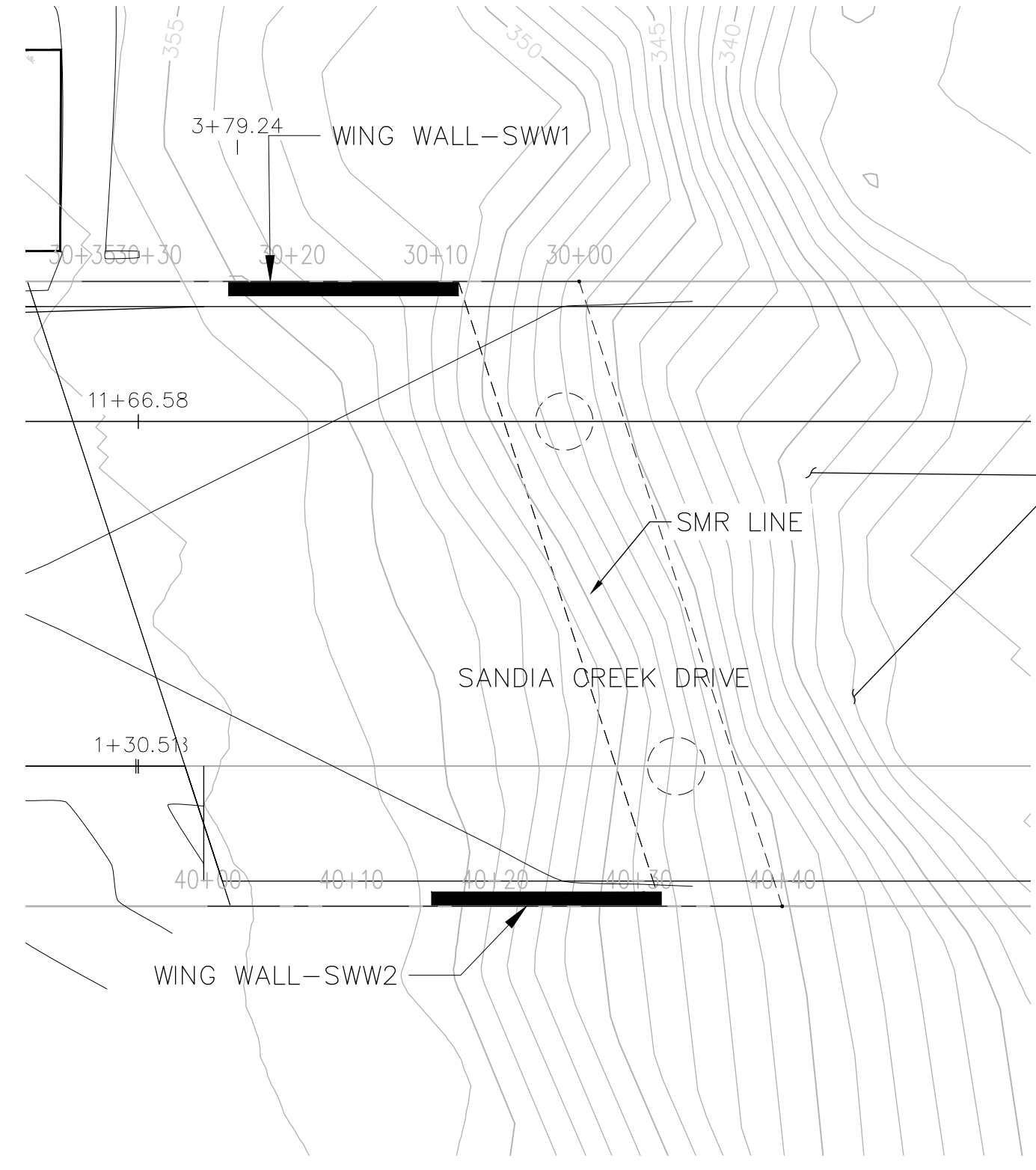
- ① INSTALL RIP RAP ENERGY DISSIPATER. SEE DETAIL 2 ON DRAWING NO. C13.
- ② CONSTRUCT WING TYPE HEADWALL PER DETAIL 3 ON DRAWING NO. C13.
- ③ INSTALL 18"x18" CATCH BASIN PER DETAIL 4 ON DRAWING NO. C13.
- ④ INSTALL CLEANOUT PER DETAIL 1 ON DRAWING NO. C14.
- ⑤ INSTALL PERFORATED PIPE, SIZE PER PLAN. SEE DETAIL 1 ON DRAWING NO. C13.
- ⑥ CONSTRUCT VEGETATED SWALE PER DETAIL 1 ON DRAWING NO. C13.
- ⑦ INSTALL STORM DRAIN LINE, SIZE PER PLAN.

**DRAINAGE CALCULATIONS:**

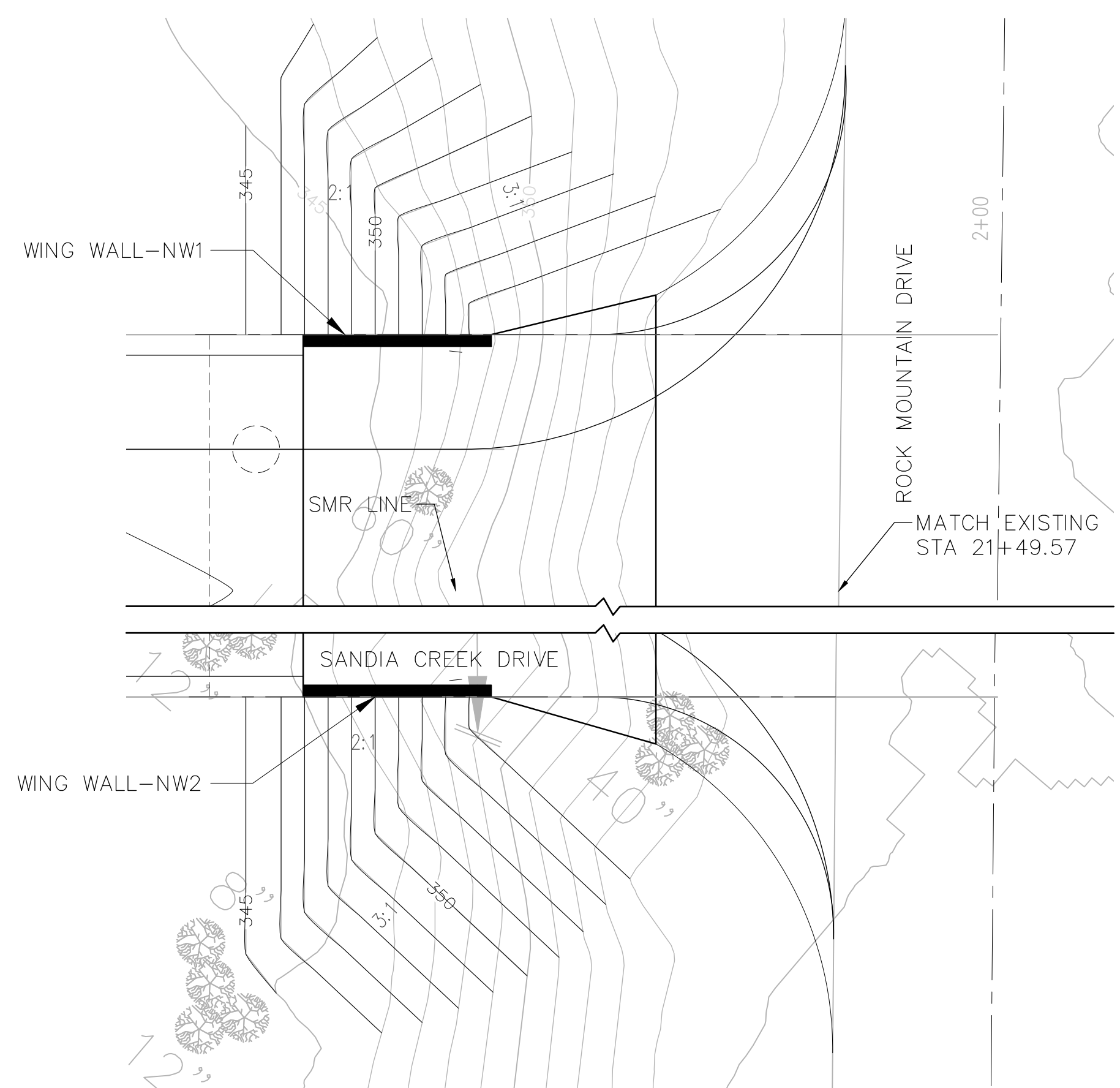
CALCULATIONS:  
 TOTAL EXISTING IMPERVIOUS AREA: 38,528 SF  
 TOTAL NEW IMPERVIOUS AREA: 49,559 SF  
 TOTAL NEW PERVIOUS AREA: 51,956 SF  
 NET INCREASE IN IMPERVIOUS AREA: 11,031 SF  
 TOTAL DISTURBED AREA: 105,303 SF

**LEGEND:**

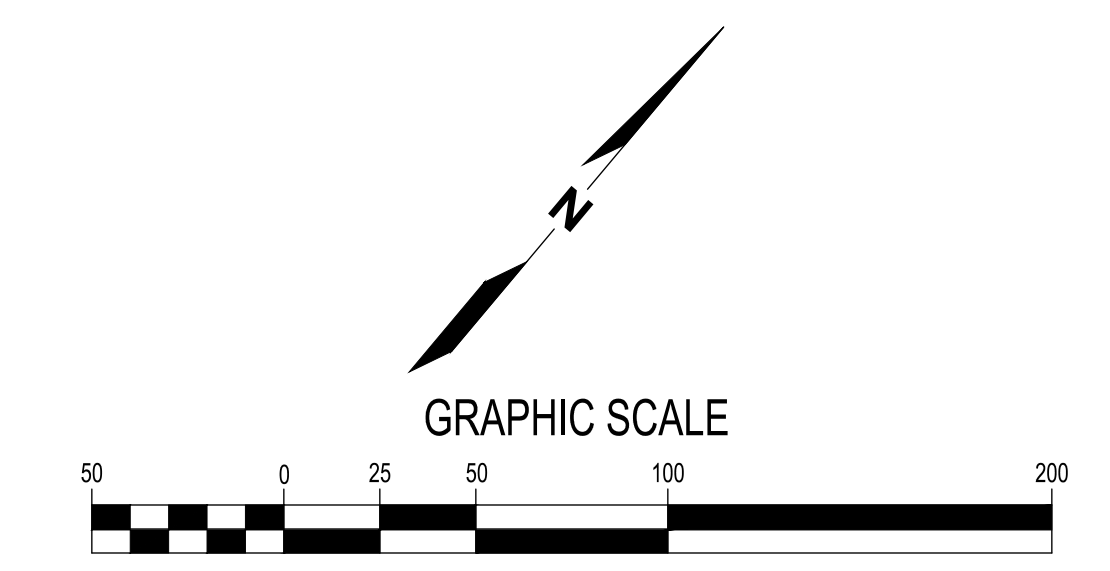
- FILLED SCOUR HOLE (IN CHANNEL)
- VEGETATED SWALE
- PROPOSED CATCH BASIN
- EXISTING ELEVATION
- PROPOSED ELEVATION
- EXISTING CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- CLEANOUT
- PROPOSED RIP RAP AND HEADWALL



**SOUTH WING WALLS GRADING**  
1"=10'



**NORTH WING WALLS GRADING**  
1"=10'



Full Size = 22" x 34", Half Size = 11" x 17"

Plotted: Dec 16, 2021 - 2:39pm lthao Layout: C8  
 M:\2017\1700232 Santa Margarita River Fish Passage\Drawings\Current\xxxxxx-C8-Grading\_Plan.dwg



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NO.	DATE	BY	REVISION

**SANDIA CREEK ROAD BRIDGE REPLACEMENT**

**GRADING AND DRAINAGE PLAN**

DRAWN: DYU	PROJECT NO.: 2000118
DESIGN: RO	SCALE: AS SHOWN
CHECKED: TG	DATE: 2021-10-08
DRAWING NO.	<b>C8</b>
SHEET NO.	<b>08 OF 54</b>

**FIRST IMPROVEMENT PLAN SUBMITTAL - NOT FOR CONSTRUCTION**