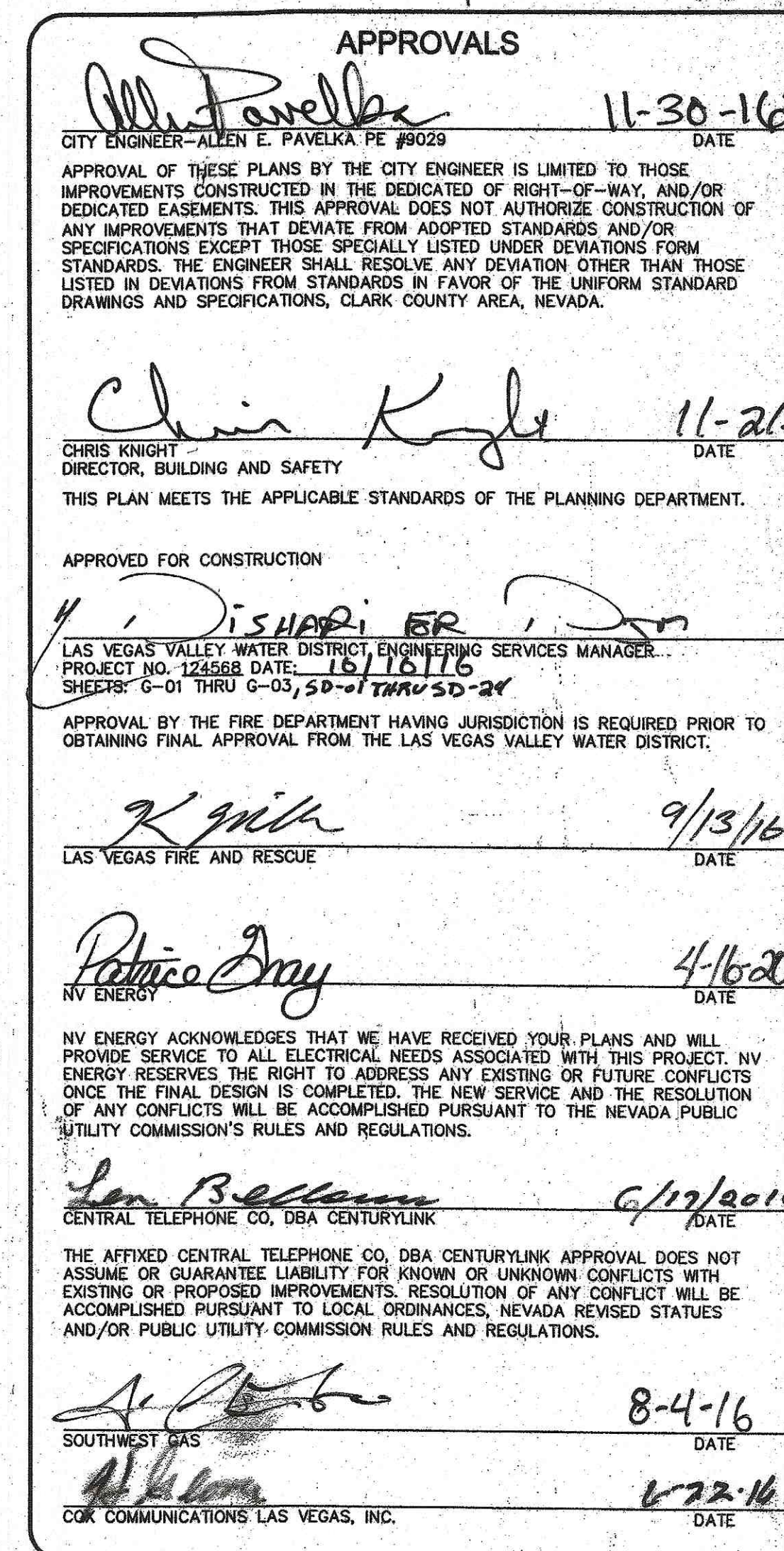




G-01

SLATER HANIFAN GROUP

CONSULTING ENGINEERS & PLANNERS

1740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE
1	REVISION: 30 PAGES 15 PAGES 6-18-2016			
2	REVISION: 05-11-16 Equal (Per)	10-20-17	EN	11-28-17
3	REVISION: SCHEDULE DELETED	9-25-17	EN	10-2-17

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 2 MASS GRADE

COVER SHEET

Signature

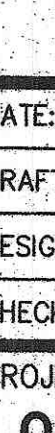
DATE: 6/16/16

DRAFTER: JAS

DESIGNER: DAM

CHECKED: JSR

PROJECT NO. **OLY1501-001**



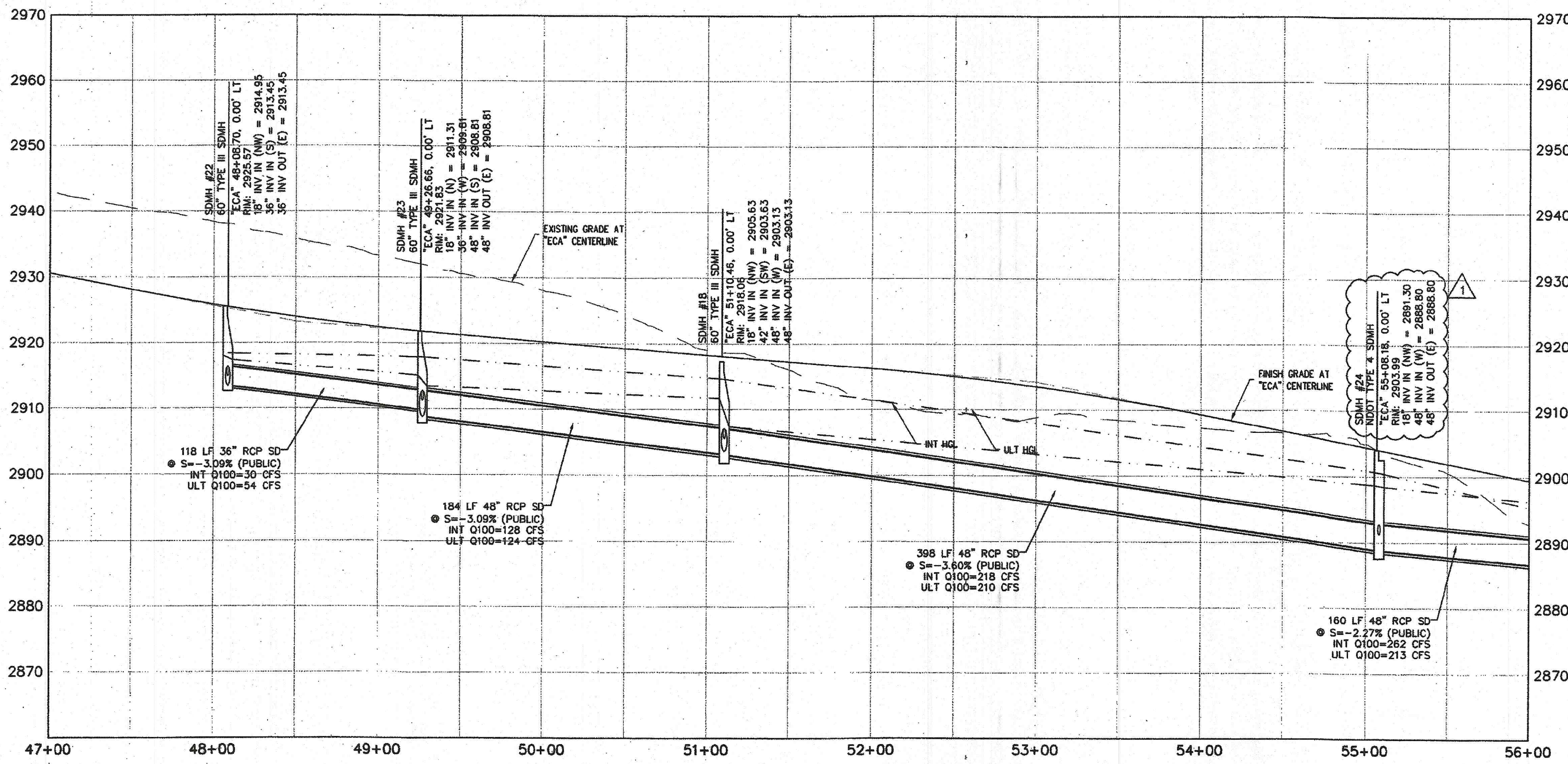
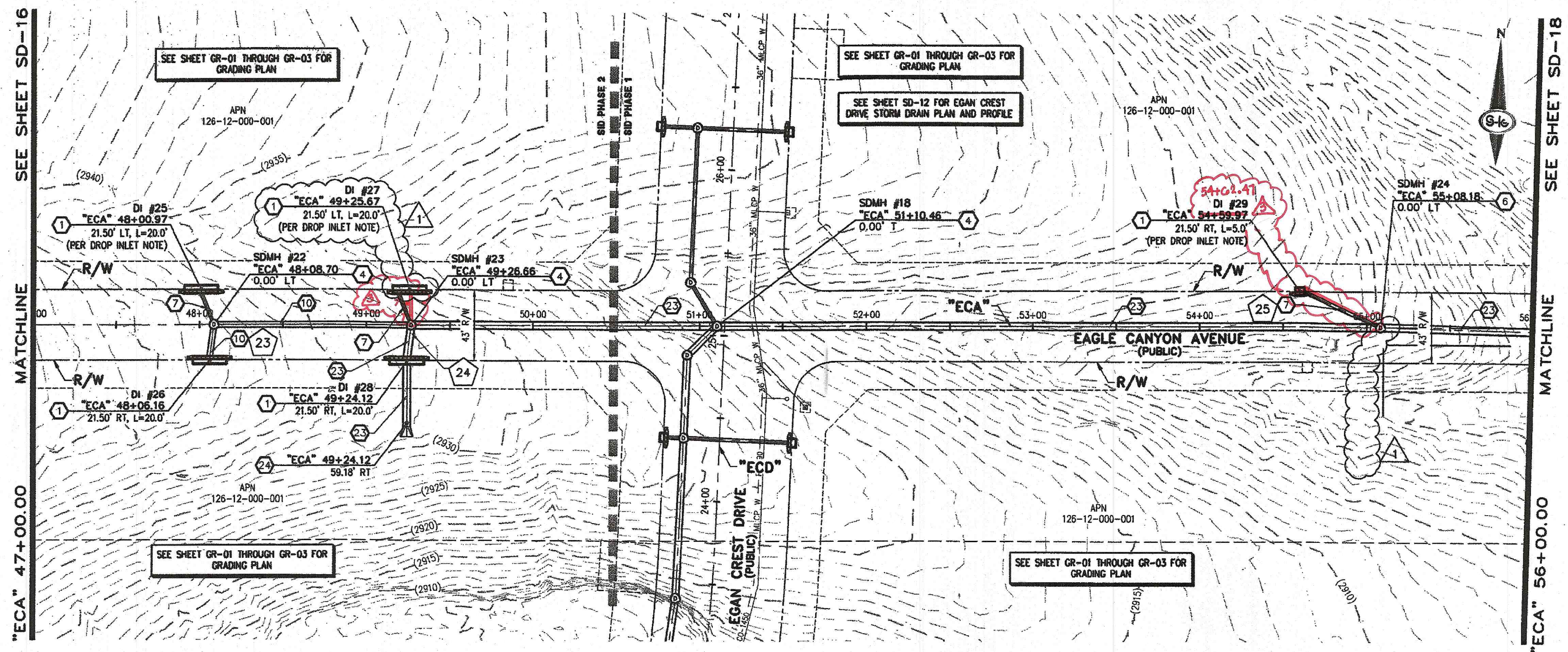
G-01

SHEET 1 OF 32

HB 63975-107V 67.50

SLATER HANIFAN GROUP
5740 S. ARVILLE STREET #216
LAS VEGAS, NV 89118
(702) 284-5300





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1)
2. REMOVE EXISTING LATERAL STUB AND CONSTRUCT RCB PLUG (SEE DETAIL 5, DRAWING SD-25)
3. CONSTRUCT 60" TYPE I MANHOLE (USDCCA STD. DWG. NO. 403.1)
4. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
5. CONSTRUCT 80" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
6. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
7. INSTALL 18" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 24" RCP OR WATER QUALITY C905 AS SHOWN ON PROFILES (USDCCA STD. DWG. NO. 503.2)
9. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
11. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
12. INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
13. INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
14. INSTALL 66" RCP (USDCCA STD. DWG. NO. 503.2)
15. INSTALL 18" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
16. INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
17. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
18. INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
19. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
20. PIPE PENETRATION (SEE DETAIL 4, DRAWING SD-25)
21. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 2, DRAWING SD-25)
22. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 1, DRAWING SD-25)
23. INSTALL 48" RCP (USDCCA STD. DWG. NO. 503.2)
24. INSTALL 48" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
25. INSTALL DRIVEWAY (USDCCA STD. DWG. NO. 224)
26. CONSTRUCT TYPE "CM" DROP INLET (USDCCA STD. DWG. NO. 422)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
5. ALL PIPES ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.

APPROVED FOR CONSTRUCTION

LVWD WILL HAVE TO BE PRESENT AND NEW INSTALLATION OF STORM DRAIN THAT WILL BE INSTALLED THAT MAY AFFECT THE WATER MAINS

Jerry Slater 10/16/17
 LVWD ENGINEERING SERVICES MANAGER
 PROJECT NO. 124568
 1ST APP'D 10/10/16

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE, CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

1 STORM DRAIN LATERAL # (SEE SHEETS SD-20 THRU SD-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4730A ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

Jerry Slater 11-1-17
 JERRY SLATER, P.E. 14167
 DATE

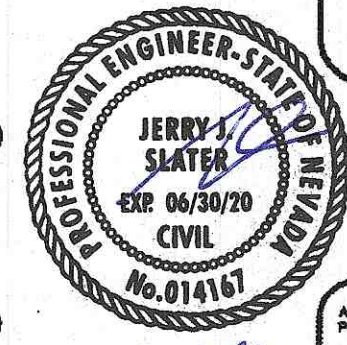
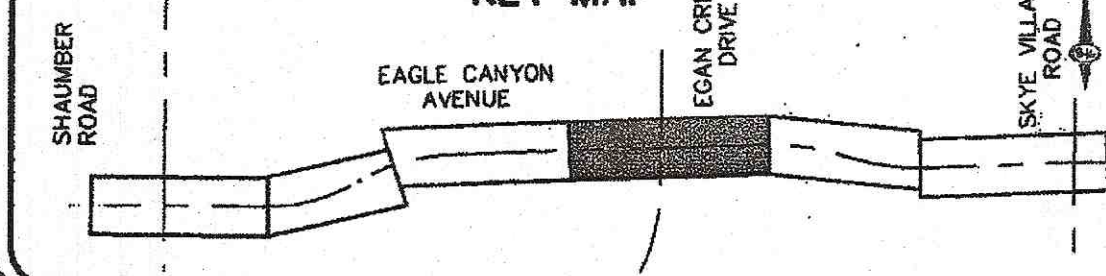
FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E, DATED SEPTEMBER 27, 2002

NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

KEY MAP

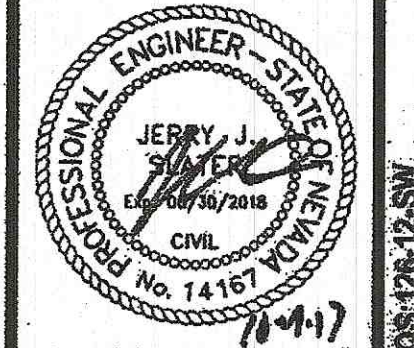


SLATER HANIFAN GROUP
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 5740 S. ARVILLE STREET #216 LAS VEGAS, NV 89118
 PHONE (702) 264-5300 FAX (702) 264-5309

NINETY-FIVE MANAGEMENT LLC

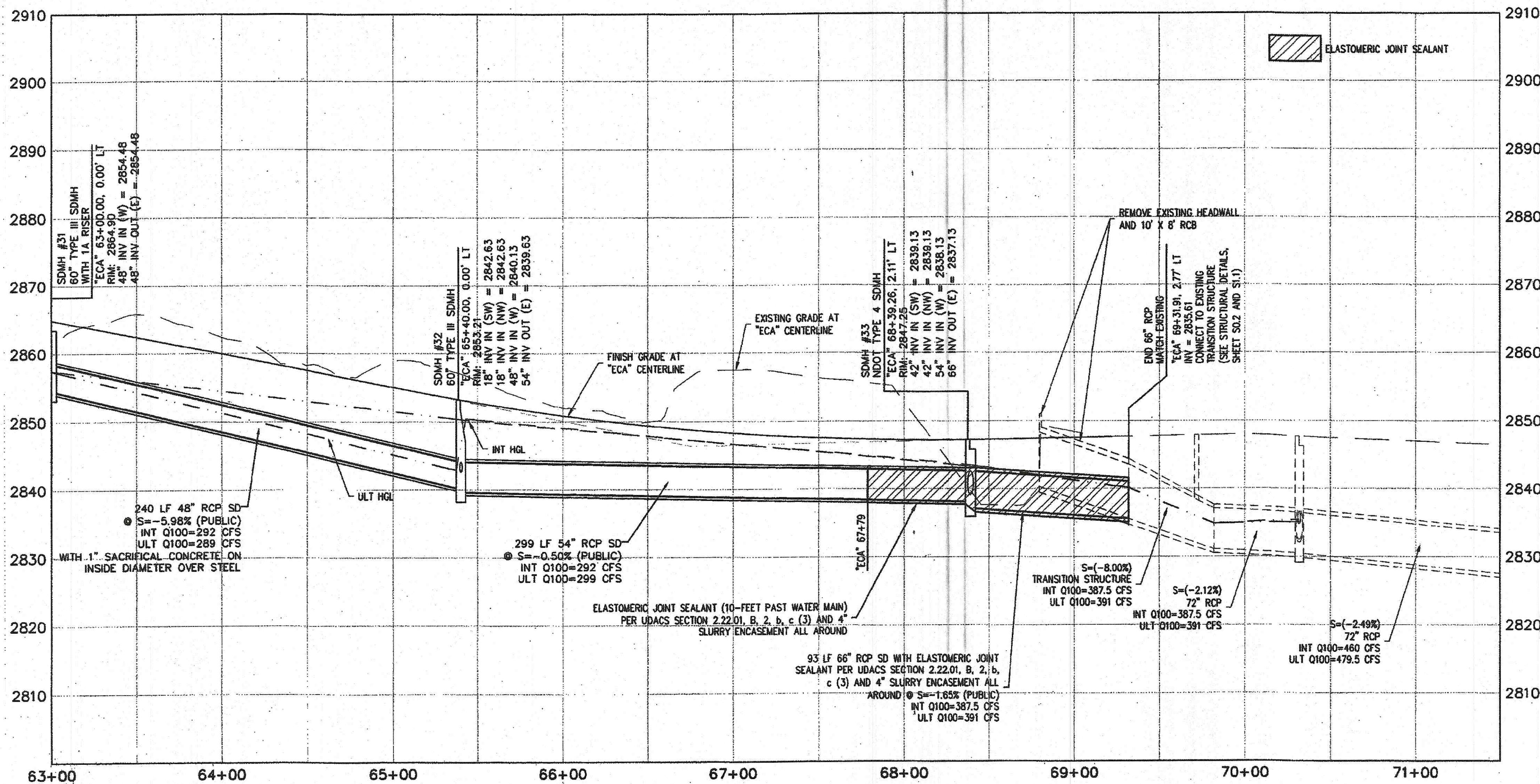
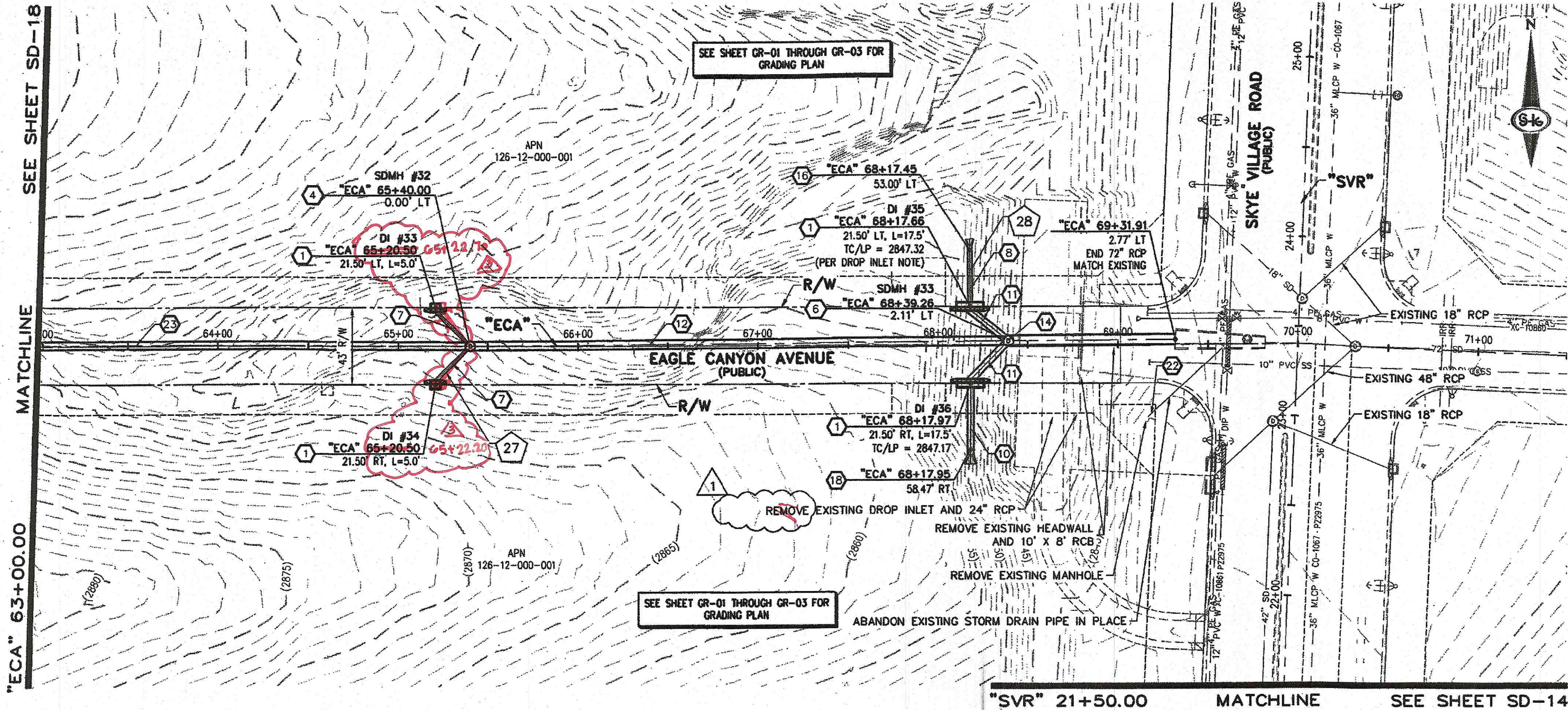
SKYE CANYON II PHASE 2 MASS GRADING
EAGLE CANYON AVENUE PLAN AND PROFILE
"ECA" 47+00.00 TO "ECA" 56+00.00

DATE: 8/3/16
 DRAFTER: JAS
 DESIGNER: DAM
 CHECKED: JSR
 PROJECT NO.
OLY1501-001



SD-17
 SHEET 20 OF 32
 L-63875
 10706750

PROJECT: 124568 DS-4730A-12-15-SW



STORM DRAIN NOTES

- CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1)
- REMOVE EXISTING LATERAL STUB AND CONSTRUCT RCB PLUG (SEE DETAIL 5, DRAWING SD-25)
- CONSTRUCT 60" TYPE I MANHOLE (USDCCA STD. DWG. NO. 403.1)
- CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
- CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
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- INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 66" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 18" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
- INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
- INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
- INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
- INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
- PIPE PENETRATION (SEE DETAIL 4, DRAWING SD-25)
- CONSTRUCT CONCRETE COLLAR (SEE DETAIL 2, DRAWING SD-25)
- CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 1, DRAWING SD-25)
- INSTALL 48" RCP (USDCCA STD. DWG. NO. 503.2)
- INSTALL 48" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
- INSTALL DRIVEWAY (USDCCA STD. DWG. NO. 224)
- CONSTRUCT TYPE "CM" DROP INLET (USDCCA STD. DWG. NO. 422)

NOTES

- ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
- ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
- ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
- SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
- ALL PIPES ARE PUBLICLY MAINTAINED.
- ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.

APPROVED FOR CONSTRUCTION

LVVWD WILL HAVE TO BE PRESENT AND VIEW INSTALLATION OF STORM DRAIN THAT WILL BE INSTALLED THAT MAY AFFECT THE WATER MAINS

[Signature]
 LVVWD ENGINEERING SERVICES MANAGER DATE
 PROJECT NO. 124588 1ST APP'D 10/10/16

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:
 CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

- STORM DRAIN LATERAL # (SEE SHEETS SD-20 THRU SD-24)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY (DS-4739A ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT)
[Signature] 10-9-17 DATE
 JERRY SLATER, P.E. 14167

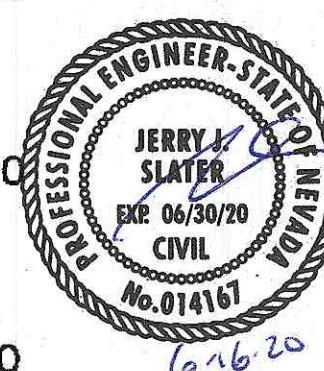
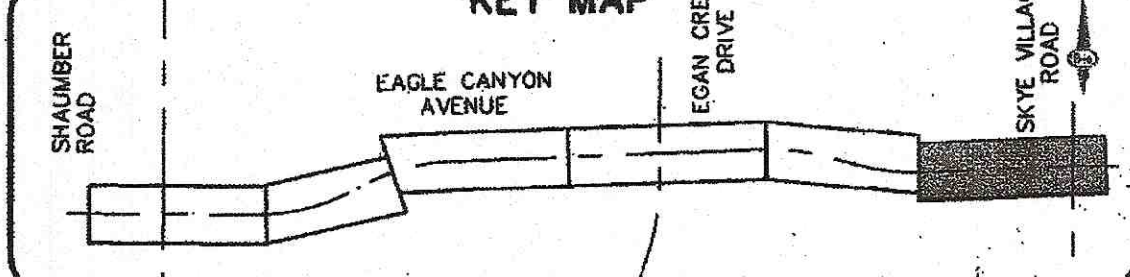
FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL 330003C1750E, DATED SEPTEMBER 27, 2002.

NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

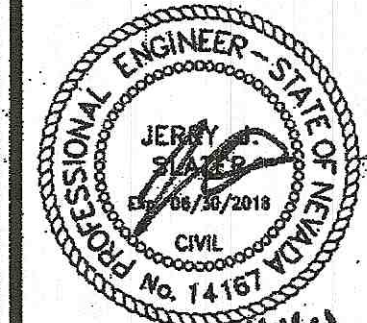
KEY MAP



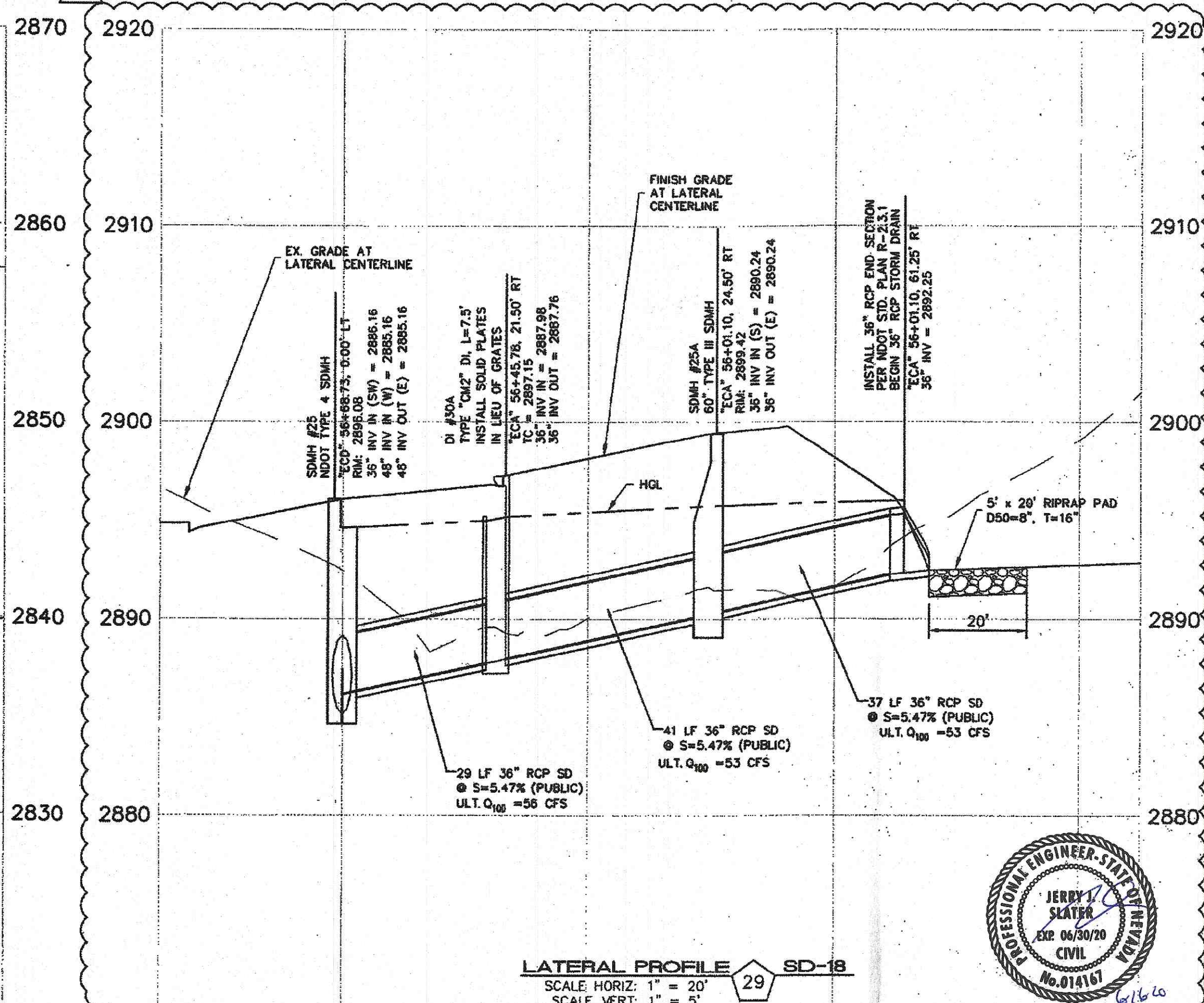
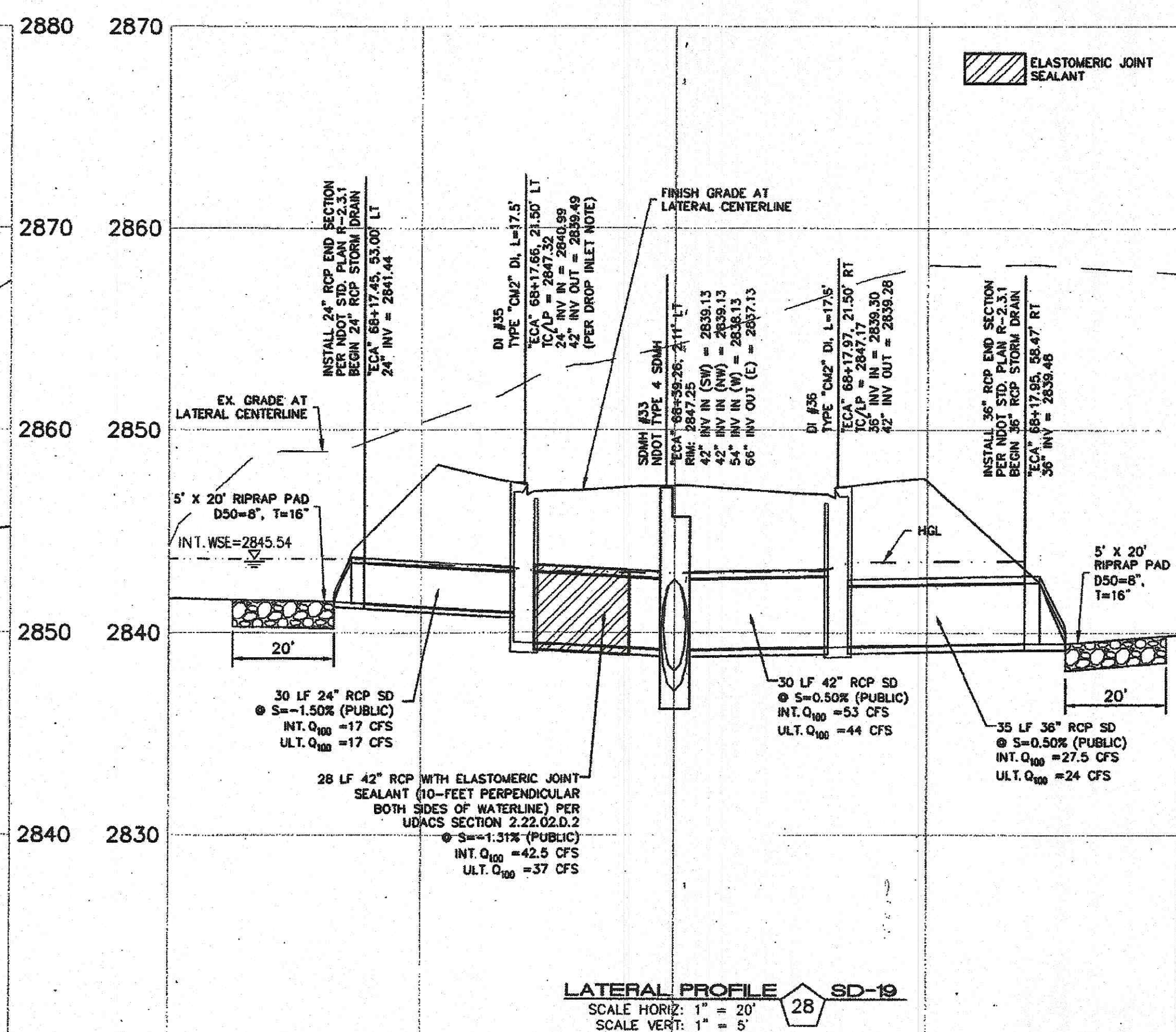
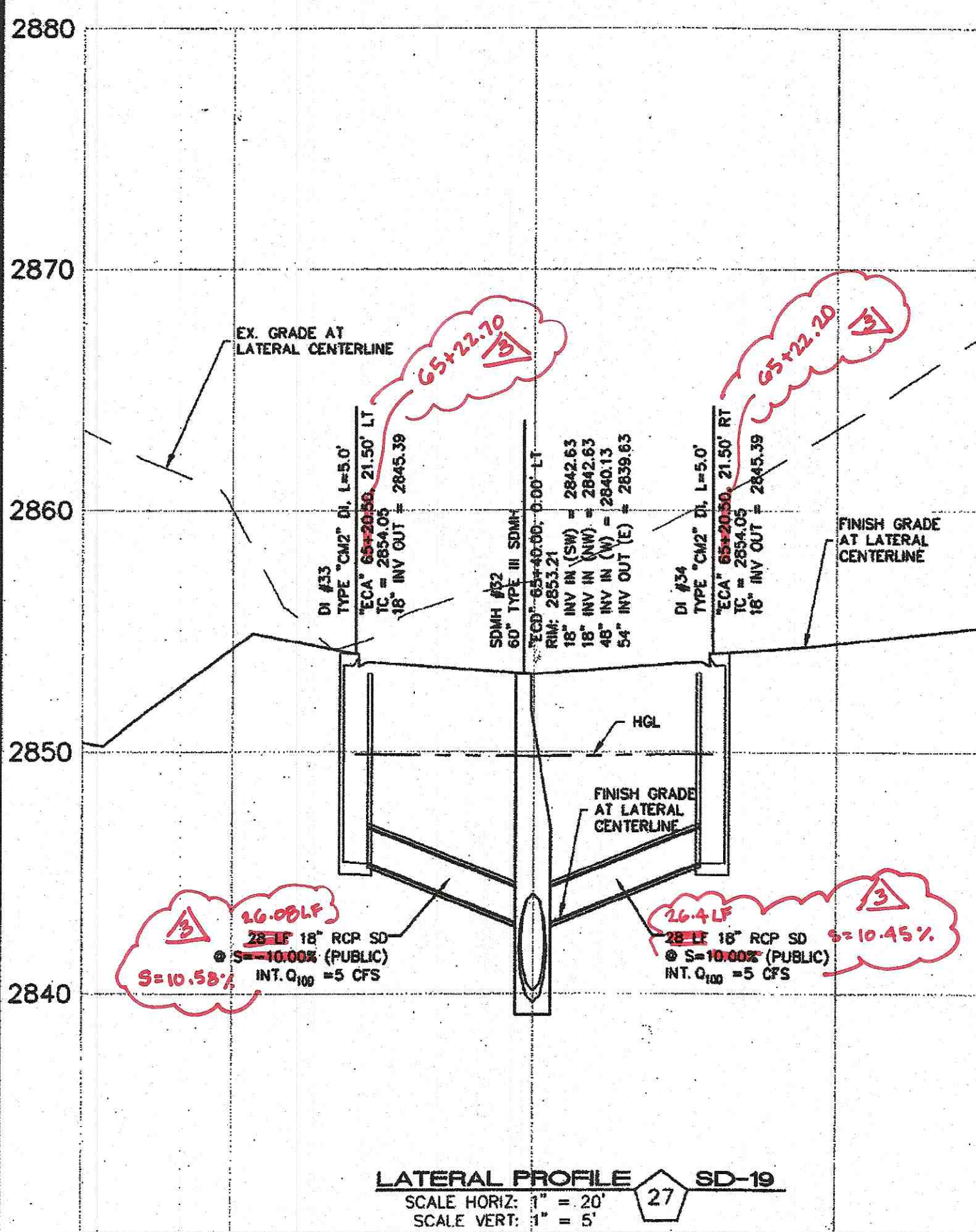
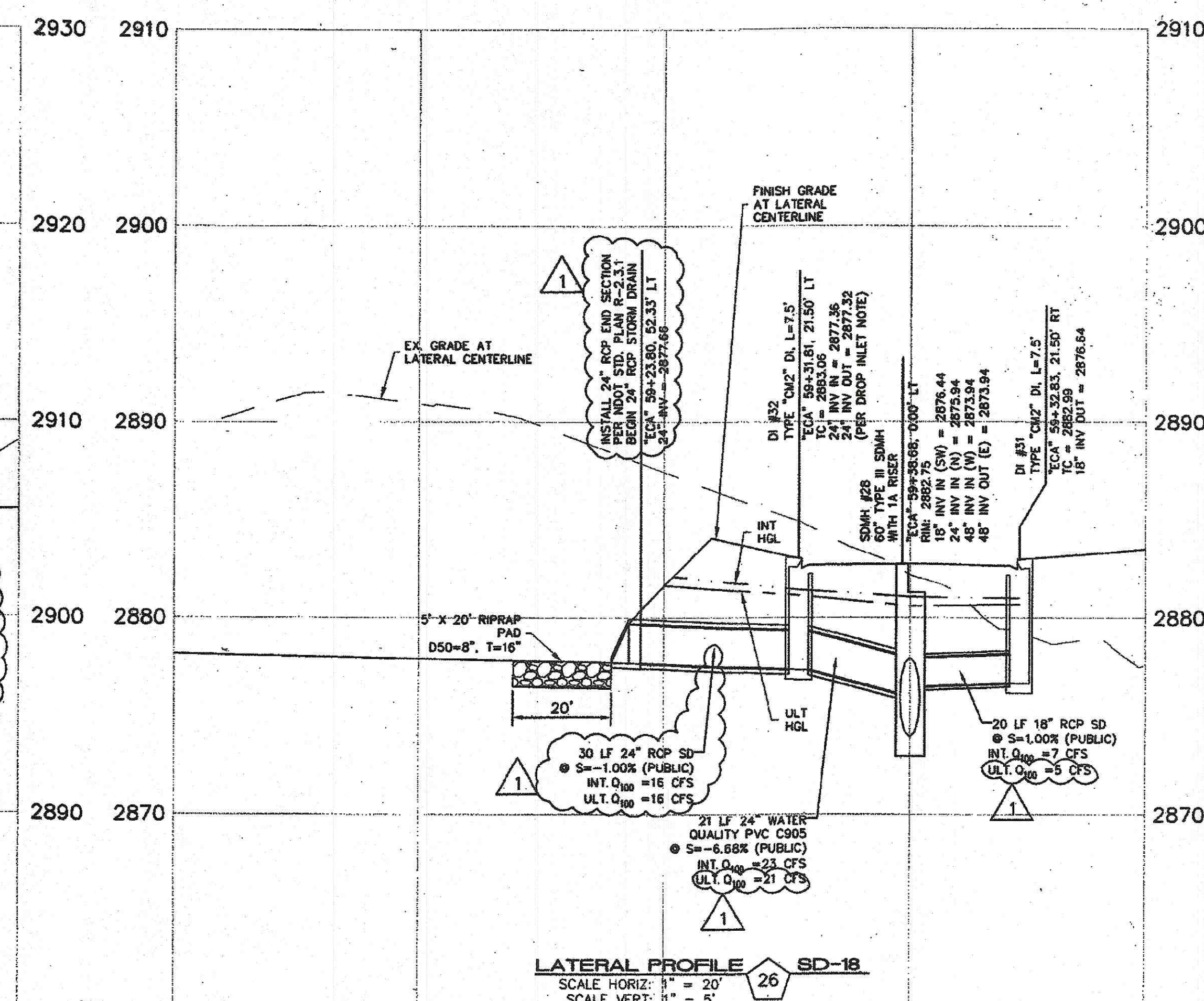
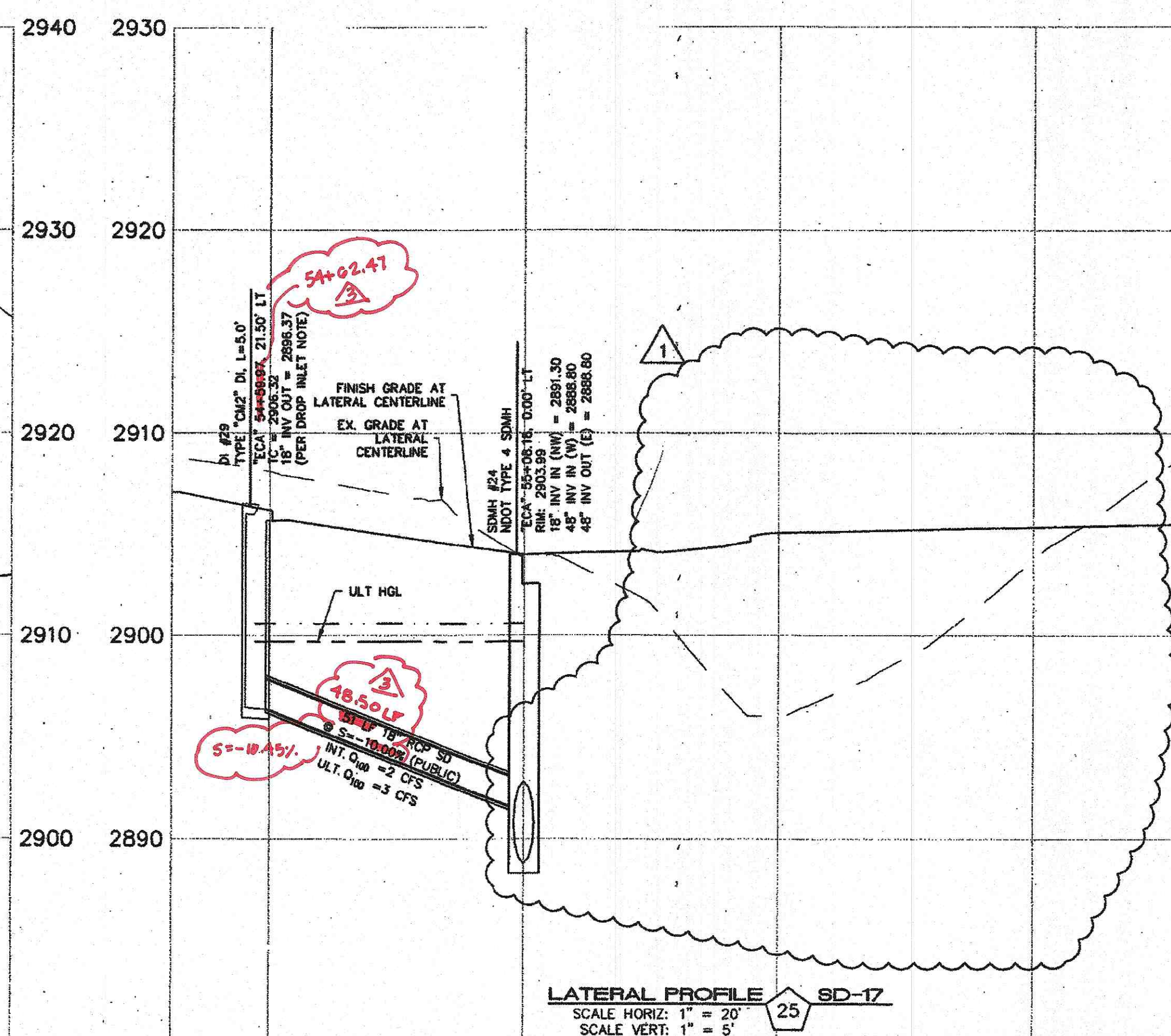
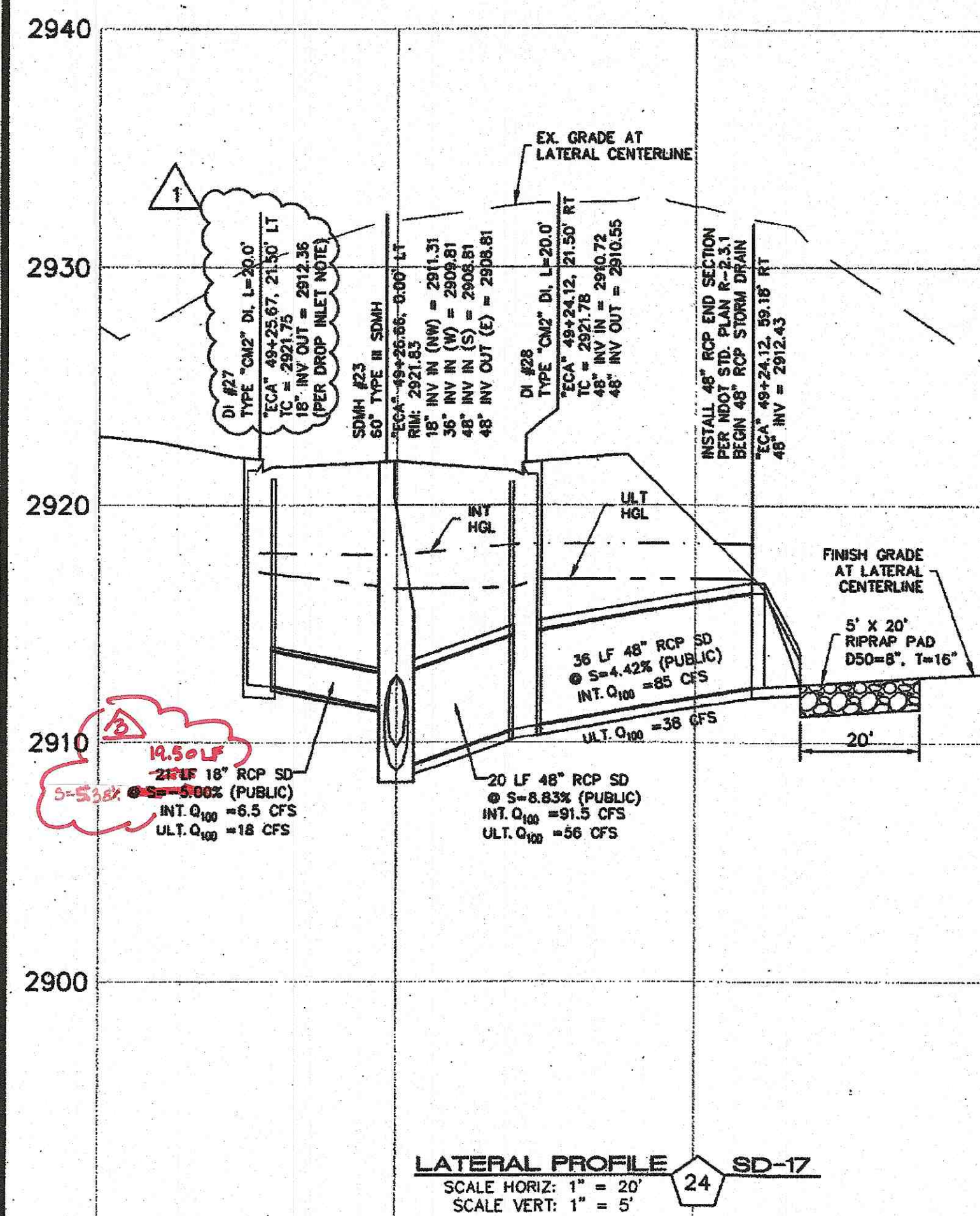
SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
 5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
 PHONE (702) 284-5300 FAX (702) 284-5399

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON II PHASE 2 MASS GRADING
EAGLE CANYON AVENUE PLAN AND PROFILE
"ECA" 63+00.00 TO "ECA" 71+50.00

DATE: 8/3/16
 DRAFTER: JAS
 DESIGNER: DAM
 CHECKED: JSR
 PROJECT NO.
OLY1501-001



SD-19
 SHEET 22 OF 32
 1-63875
 187U6750



DROP INLET NOTE
WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:
CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS.
BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB,
OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

APPROVED FOR CONSTRUCTION
LVWD WILL HAVE TO BE PRESENT AND VIEW INSTALLATION OF STORM
DRAIN THAT WILL BE INSTALLED THAT MAY AFFECT THE WATER MAINS
J. Disharper 10/16/17
DATE
1ST APP'D 10/10/16
LVWD ENGINEERING SERVICES MANAGER
PROJECT NO. 124568

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 264-5300 FAX (702) 264-5309

NO.	DESCRIPTION	DATE	BY	APP.
1	REVISED STORM DRAIN	8/2/17	JAS	
2	REVISION TO PER AS-BUILT	10-2-2016		

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON II PHASE 2 MASS GRADING
STORM DRAIN LATERAL PROFILES

DATE: 8/3/16
DRAFTER: JAS
DESIGNER: DAM
CHECKED: JSR
PROJECT NO.
OLY1501-001

SD-24
SHEET 27 OF 32
L-63 875
107V 6750