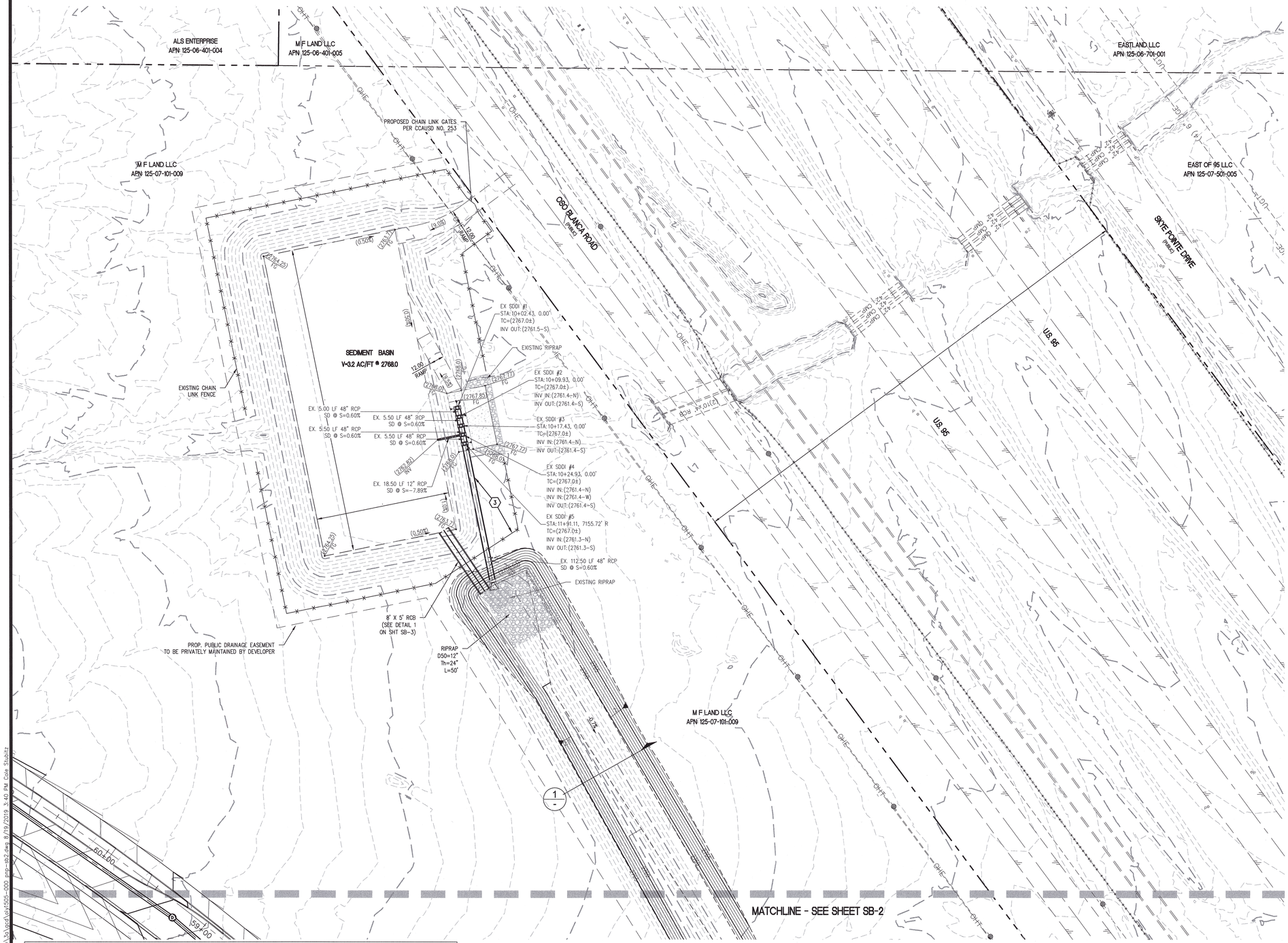

ALS ENTERPRISE
APN: 125-06-401-004
M F LAND LLC
APN: 125-06-401-005
M F LAND LLC
APN: 125-07-101-009
EASTLAND LLC
APN: 125-06-701-001
EAST OF 95 LLC
APN: 125-07-501-005
M F LAND LLC
APN: 125-07-101-009
PROPOSED CHAIN LINK GATES
PER CCAUSD NO. 253
OSO BLANCA ROAD
(PAVED)
SKYE POINTE DRIVE
(PAVED)
US 95
SEDIMENT BASIN
V=9.2 AC/FT @ 2768.0
EXISTING CHAIN
LINK FENCE
EX SDDI #1
STA:10+02.43, 0.00'
TC=(2767.0±)
INV OUT:(2761.5-S)
EXISTING RIPRAP
EX SDDI #2
STA:10+09.93, 0.00'
TC=(2767.0±)
INV IN:(2761.4-N)
INV OUT:(2761.4-S)
EX SDDI #3
STA:10+17.43, 0.00'
TC=(2767.0±)
INV IN:(2761.4-N)
INV OUT:(2761.4-S)
EX SDDI #4
STA:10+24.93, 0.00'
TC=(2767.0±)
INV IN:(2761.4-N)
INV IN:(2761.4-W)
INV OUT:(2761.4-S)
EX SDDI #5
STA:11+91.11, 7155.72' R
TC=(2767.0±)
INV IN:(2761.3-N)
INV OUT:(2761.3-S)
EX. 5.00 LF 48" RCP
SD @ S=0.60%
EX. 5.50 LF 48" RCP
SD @ S=0.60%
EX. 5.50 LF 48" RCP
SD @ S=0.60%
EX. 5.50 LF 48" RCP
SD @ S=0.60%
EX. 18.50 LF 12" RCP
SD @ S=-7.89%
EX. 112.50 LF 48" RCP
SD @ S=0.60%
EXISTING RIPRAP
8' X 5' RCB
(SEE DETAIL 1
ON SHT SB-3)
PROP. PUBLIC DRAINAGE EASEMENT
TO BE PRIVATELY MAINTAINED BY DEVELOPER
RIPRAP
D50=12"
Th=24"
L=50'
12.00
RAMP
(9.0%)
(0.50%)
(2764.29)
FG
(2768.0)
FG
(2767.85)
FG
(2767.11)
FG
(2767.12)
FG
(2766.0)
FG
(2762.82)
INV
(2763.37)
FG
(2762.45)
FG
(2761.37)
FG
(2761.37)
FG
(2761.37

MATCHLINE - SEE SHEET SB-1

MATCHLINE - SEE SHEET D-01

M F LAND LLC
APN: 125-07-101-009

M F LAND LLC
APN: 125-07-501-006

GRAND CANYON VILLAGE LLC
APN: 125-07-601-006

GRAND CANYON VILLAGE LLC
APN: 125-07-101-008

GRAND CANYON VILLAGE LLC
APN: 125-07-201-004

MF LAND LLC
APN: 125-07-201-007

PROP. PUBLIC DRAINAGE EASEMENT
TO BE PRIVATELY MAINTAINED BY DEVELOPER

EXISTING CHAIN LINK FENCE

END FENCE

EXISTING ACCESS ROAD

8' X 5' RCB
(SEE DETAIL 2
ON SHT SB-3)

12.00' ACCESS PATH (SEE DET SHT D-09)

N: 823545.58
E: 737980.20

N: 823543.45
E: 737968.39

N: 823441.89
E: 737986.67

N: 823415.98
E: 737974.86

N: 823444.02
E: 737998.48

N: 823405.67
E: 737980.99

SEE DETAIL 3
ON SHT SB-3

EX. 80' ROW

US 95

OSO BLANCA ROAD
(PRIVATE)

NDOT CLASS 300
RIPRAP DITCH
PER NDOT STD DWG
R-1.4.1.1 & R-3.1.5
BOTTOM WIDTH=8'

Z744.0
MAX

Z740.0
MIN

6'x4' RCB

EX. 6'x4' RCB
PER CLV #107V3759

NDOT CLASS 300
RIPRAP PER NDOT STD
DWG R-1.4.1.1 & R-3.1.5

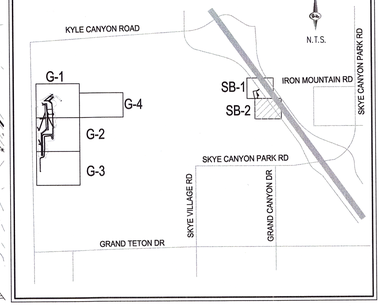
EX. 5'x5' RCB
PER CLV #107V3759

OHT
OHE
UGT
4-2" COND.
UGT-4-2" COND.
OHE-2"P.

(2762) (2761) (2760) (2759) (2758) (2757) (2756) (2755)

46+00 55+00 54+00 53+00 52+00 51+00 50+00

KEY MAP



N

SCALE – 1"=40' 0 40 80 FEET

CONSTRUCTION NOTES

1. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
2. 12' TYPE II MAINTENANCE ACCESS PATH
3. PROTECT EXISTING UTILITIES IN PLACE

SEE SHEET C-2 FOR ABBREVIATIONS, LEGEND & QUANTITIES

STORMWATER RUNOFF MANAGEMENT

(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT ,MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF NORTH LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMPS WEEKLY, AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPS SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

DRAINAGE COMPLIANCE

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS_____ ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.

LANT K. LEAVITT, P.E. 018287 DATE

FLOOD ZONE

THIS SITE LIES WITHIN ZONE "X" DETERMINED TO BE OUTSIDE OF THE 500 YEAR FLOODPLAIN (0.2% ANNUAL CHANCE FLOOD) AS DEPICTED ON FIRM MAP PANEL NUMBER 32003C1750E, DATED SEPTEMBER 27, 2002.

BASIS OF BEARING

SOUTH 00°08'59" WEST, BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK

USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF TELEPHONE POLE #26994T, SOUTHWEST CORNER OF THE U.S. 95/KYLE CANYON TURNOFF.

ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.V.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

LEGAL DESCRIPTION

BEING A PORTION OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
Call before you do UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-432-5300
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

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

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

CITY OF LAS VEGAS, NV

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
GRAND CANYON DRIVE

125
60E

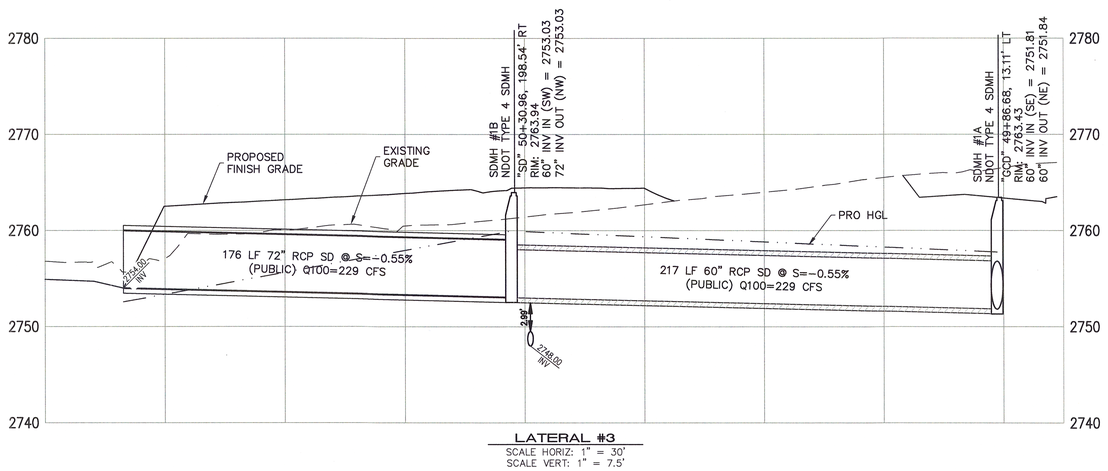
DATE: 02/14/19
DRAFTER: CS
DESIGNER: CS
CHECKED: LL
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA
JERRY K. SLATER
Exp. 06/30/2020
CIVIL
No. 14167
2019

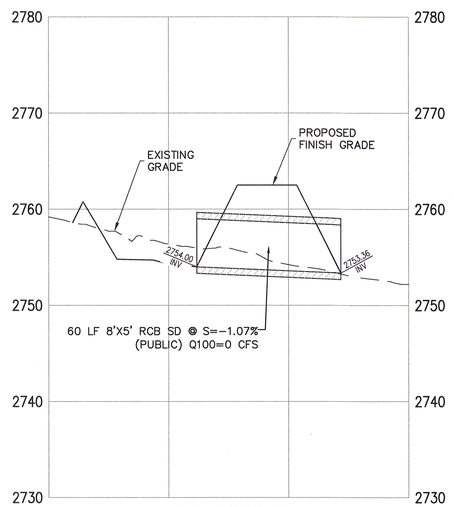
SB-2
SHEET 2 OF 3

DWG# 107V7654

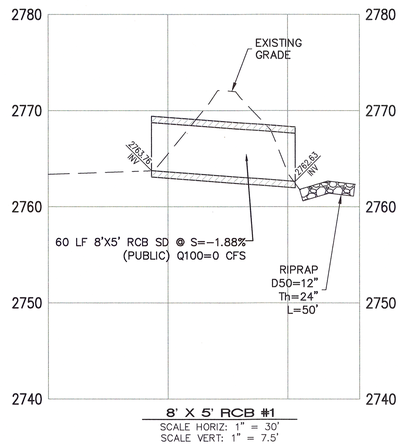
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LATERAL #3
SCALE HORIZ: 1" = 30'
SCALE VERT: 1" = 7.5'



8' X 5' RCB #2
SCALE HORIZ: 1" = 30'
SCALE VERT: 1" = 7.5'



8' X 5' RCB #1
SCALE HORIZ: 1" = 30'
SCALE VERT: 1" = 7.5'

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
GRAND CANYON DRIVE

DATE: 2/14/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

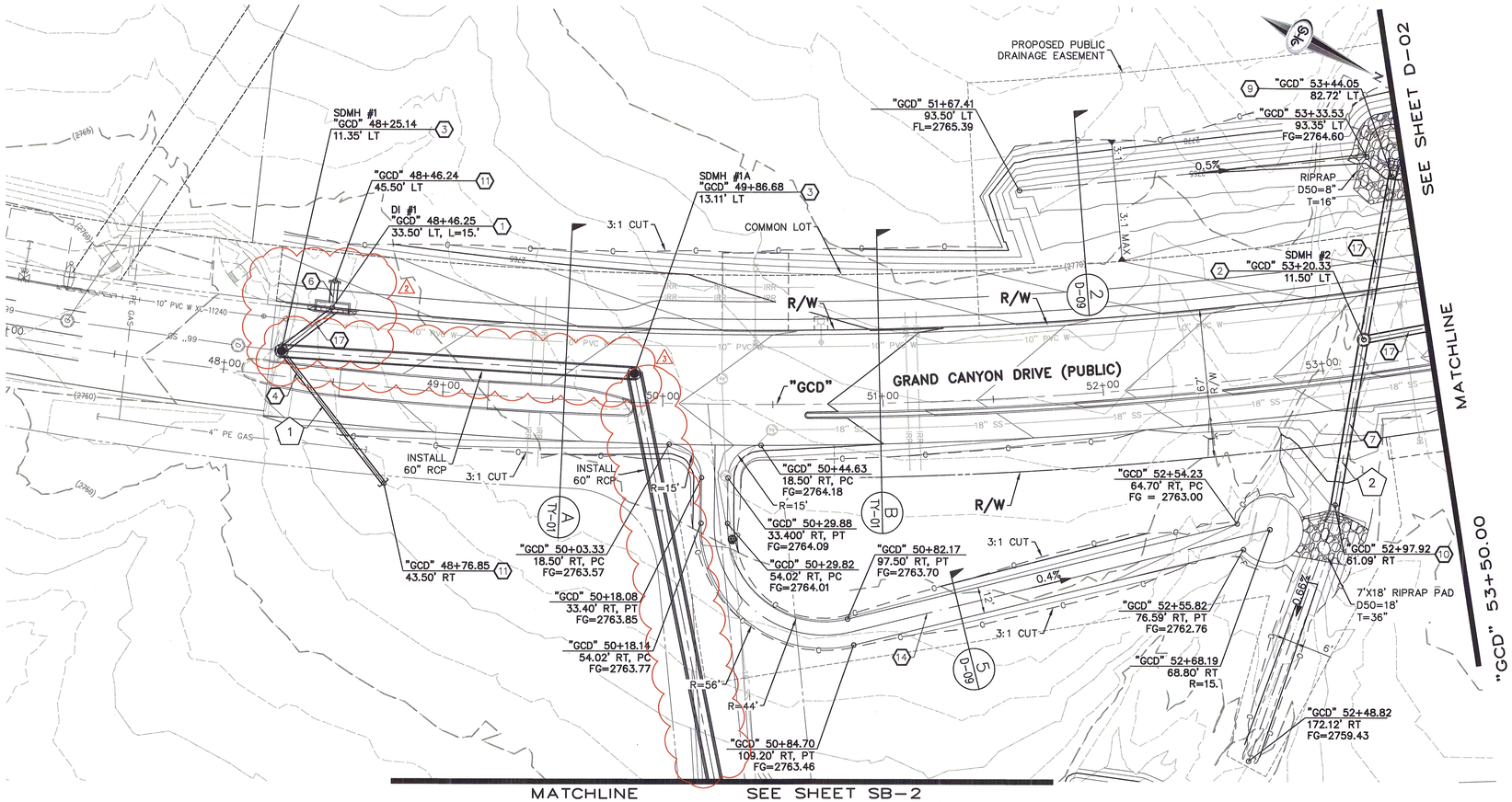
PROJECT NO.
OLY1609-000

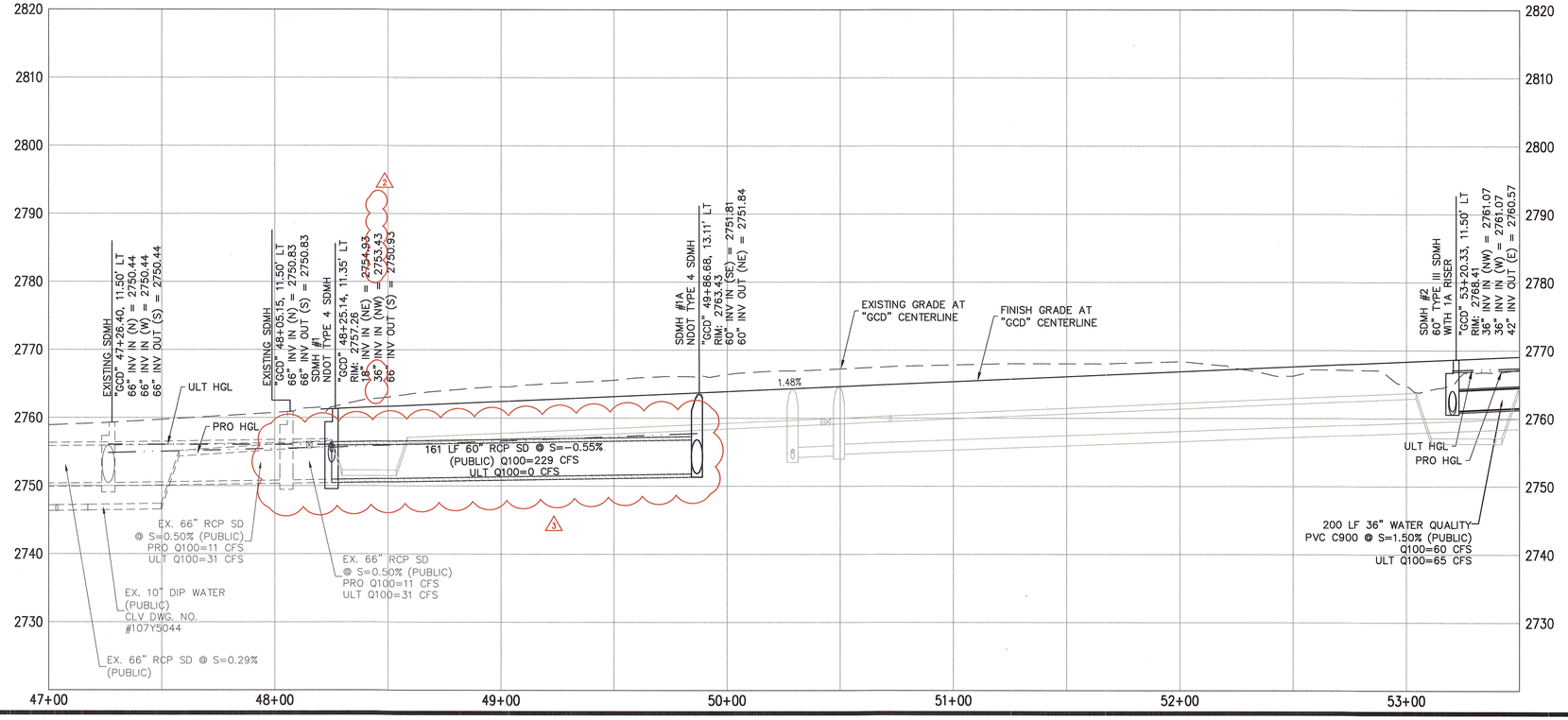
PROFESSIONAL ENGINEER - STATE OF NEVADA
JERRY SLATER
Exp. 06/30/2020
CIVIL
No. 14167
2-20-19

SB-3
SHEET 3 OF 3

DWG# 107V7654

L18-02142





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
3. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
4. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
5. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
6. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
7. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
9. INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
10. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
11. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 3, DRAWING D-25)
12. INSTALL 24" RCP WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
13. CONSTRUCT 48" TYPE II MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
14. 12' TYPE II MAINTENANCE ACCESS PATH
15. INSTALL 18" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
16. INSTALL 30" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
17. INSTALL 36" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
18. INSTALL CHAIN LINK FENCE (USDCCA STD. DWG. NO. 252)
19. INSTALL CHAIN LINK GATES (USDCCA STD. DWG. NO. 253)

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 IN PUBLIC ROW ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
7. SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY ADJUSTMENTS AND RELOCATIONS.
8. ALL INTERIM DRAINAGE FACILITIES TO BE PRIVATELY MAINTAINED.

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 SHEET D-08 AND D-09)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4931 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

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:32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

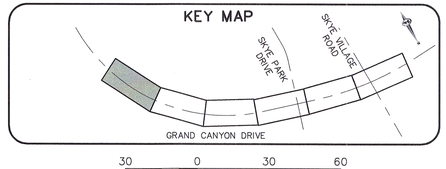
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126438 FIRST APPROVED DATE: _____

KEY MAP



SCALE 30 0 30 60 FEET

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

FAST Call before you Underground. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig Avoid cutting underground Utility lines. It's costly. Call 811 or 1-800-227-2600

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				
2	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
GRAND CANYON DRVE
STORM DRAIN PLAN AND PROFILE - "GCD" 47+00.00 TO "GCD" 53+50.00

DATE: 2/14/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

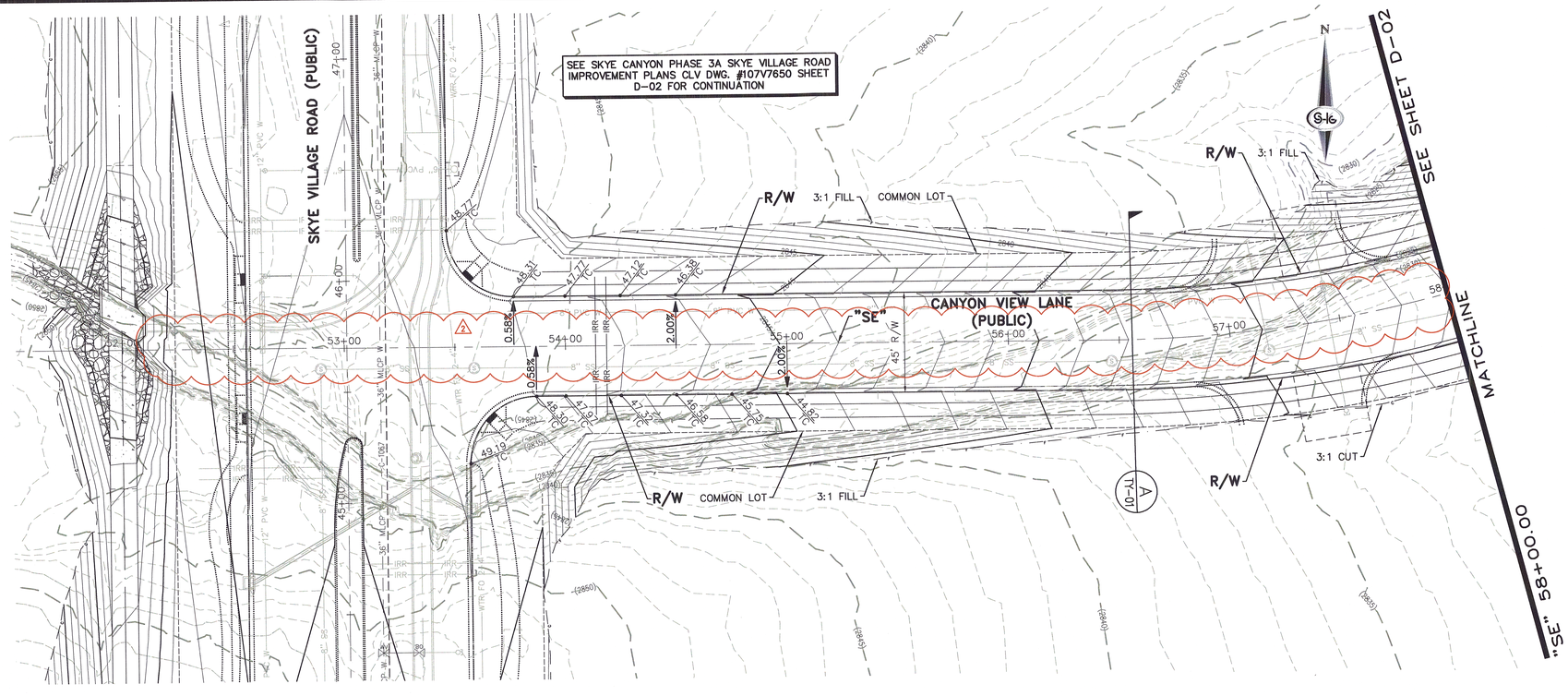
PROJECT NO.
OLY1609-000

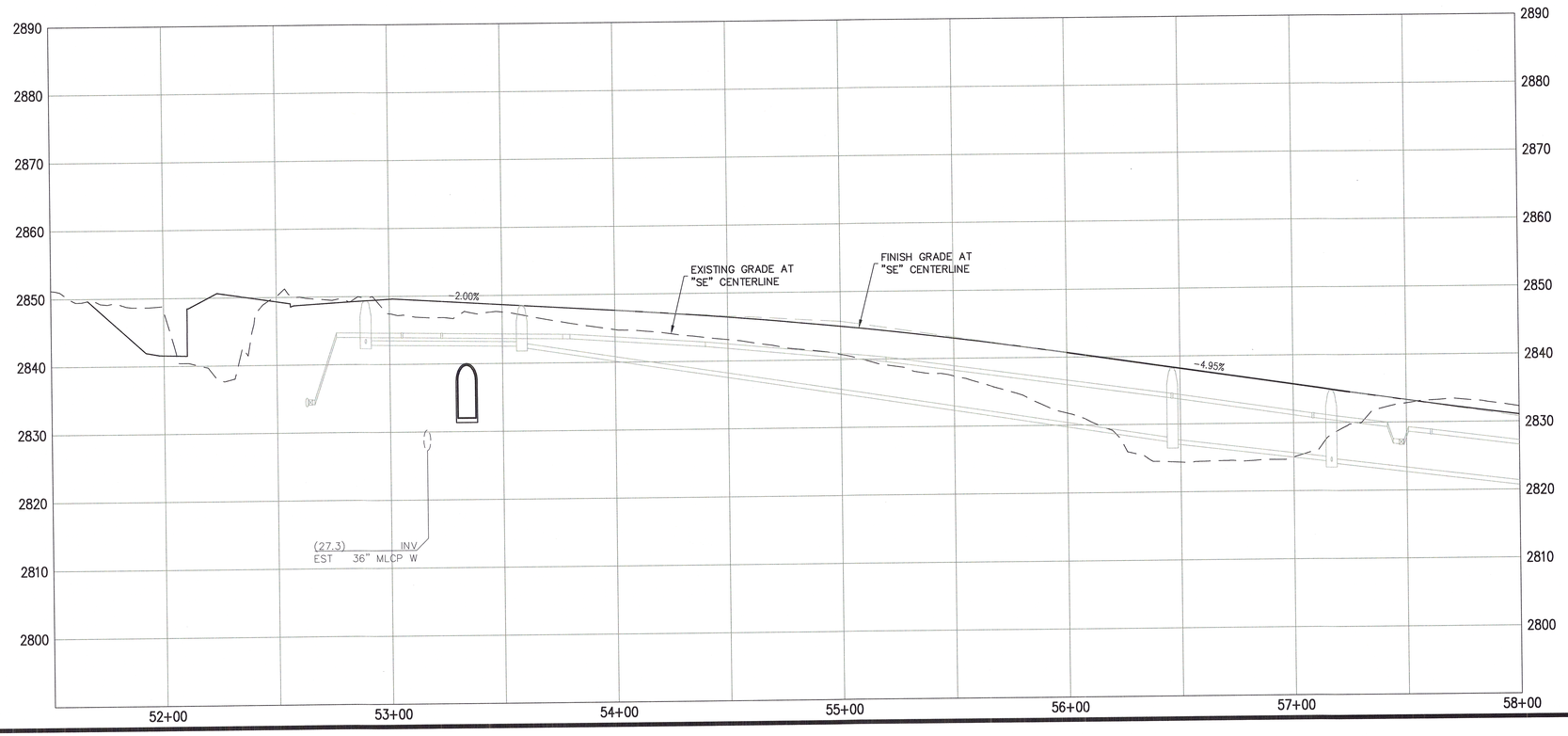
PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY D. SLATER Exp. 06/30/2020 CIVIL No. 14167 - 2/14/19

D-01
SHEET 12 OF 44

DWG# 107V7654

L18-02142





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
3. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
4. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
5. INSTALL 36" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
6. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)

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.
7. SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY ADJUSTMENTS AND RELOCATIONS.

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).

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4931 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

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: 32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

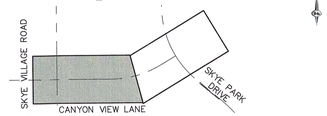
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126439 FIRST APPROVED DATE: _____

KEY MAP



SCALE 30 0 30 60 FEET

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-632-6300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig Avoid injury or service disruption. Utility lines nearby. Call 811 or 1-800-227-2800

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
CANYON VIEW LANE
STORM DRAIN PLAN AND PROFILE - "SE" 51+50.00 TO "SE" 58+00.00

DATE: 2/14/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

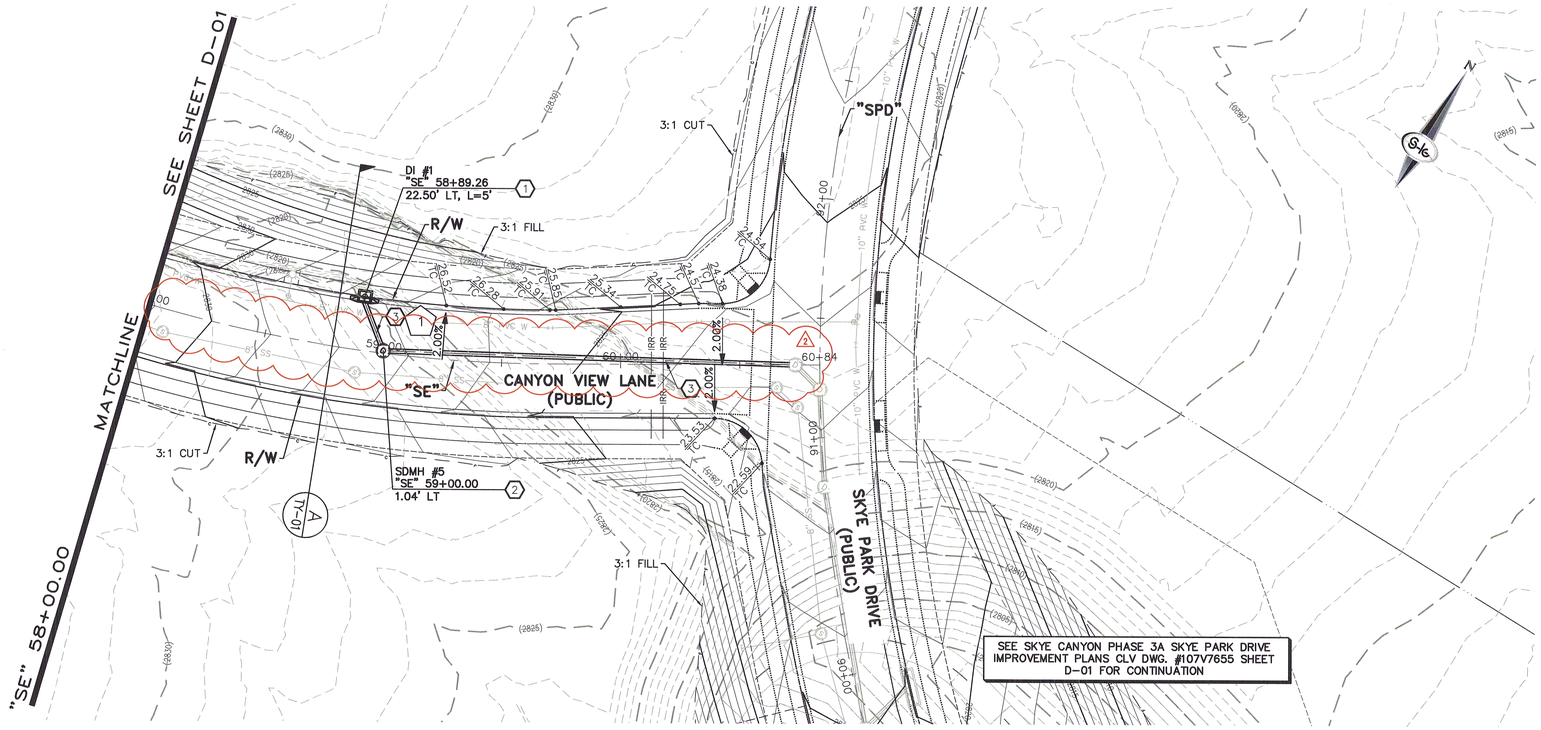
PROJECT NO.
OLY1609-000

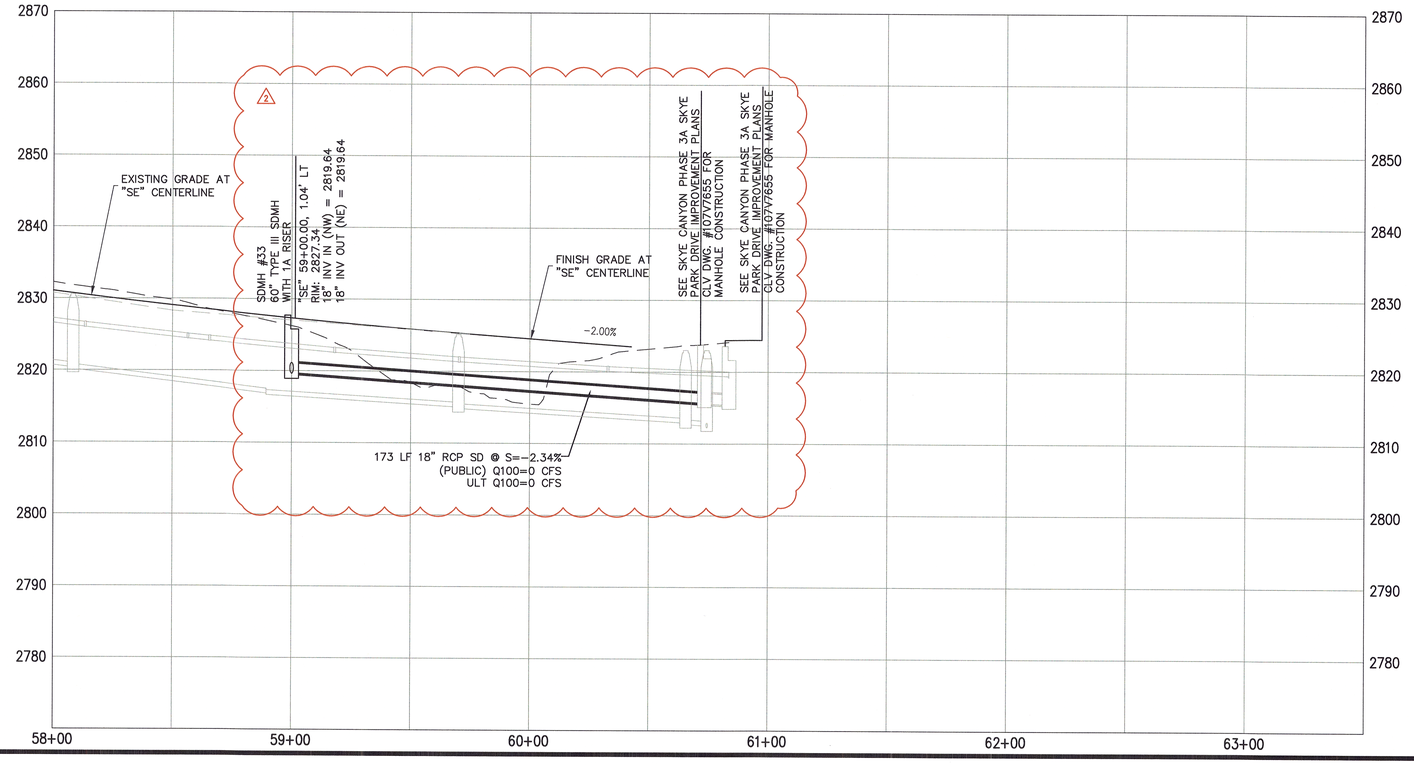
PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY SLATER - No. 14167 - Exp. 06/30/2020 - CIVIL

D-01
SHEET 8 OF 22

DWG# 107V7653

L18-02140





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE 1A RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
3. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
4. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
5. INSTALL 36" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
6. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)

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.
7. SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY ADJUSTMENTS AND RELOCATIONS.

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).

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4931 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

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: 32003C1735E, DATED SEPTEMBER 27, 2002

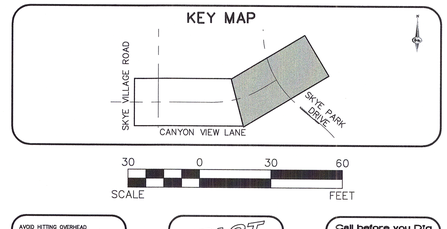
NOTE:

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.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126439 FIRST APPROVED DATE: _____



SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
CANYON VIEW LANE
STORM DRAIN PLAN AND PROFILE - "SE" 58+00.00 TO "SE" 60+83.57

DATE: 2/14/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY SLATER - Exp. 06/30/2020 - No. 14167 - CIVIL - 8.20.19

D-02
SHEET 9 OF 22
DWG# 107V7653

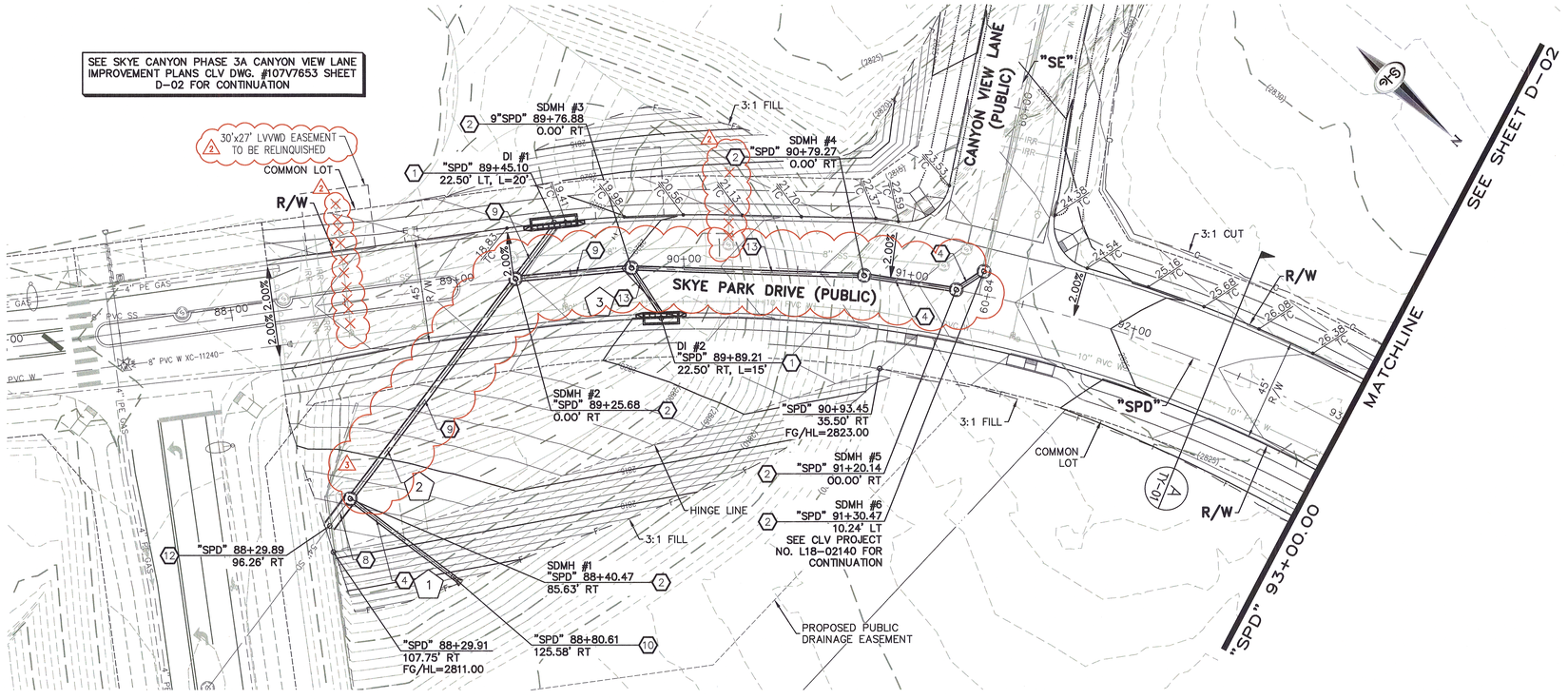
AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD 1-702-227-2929

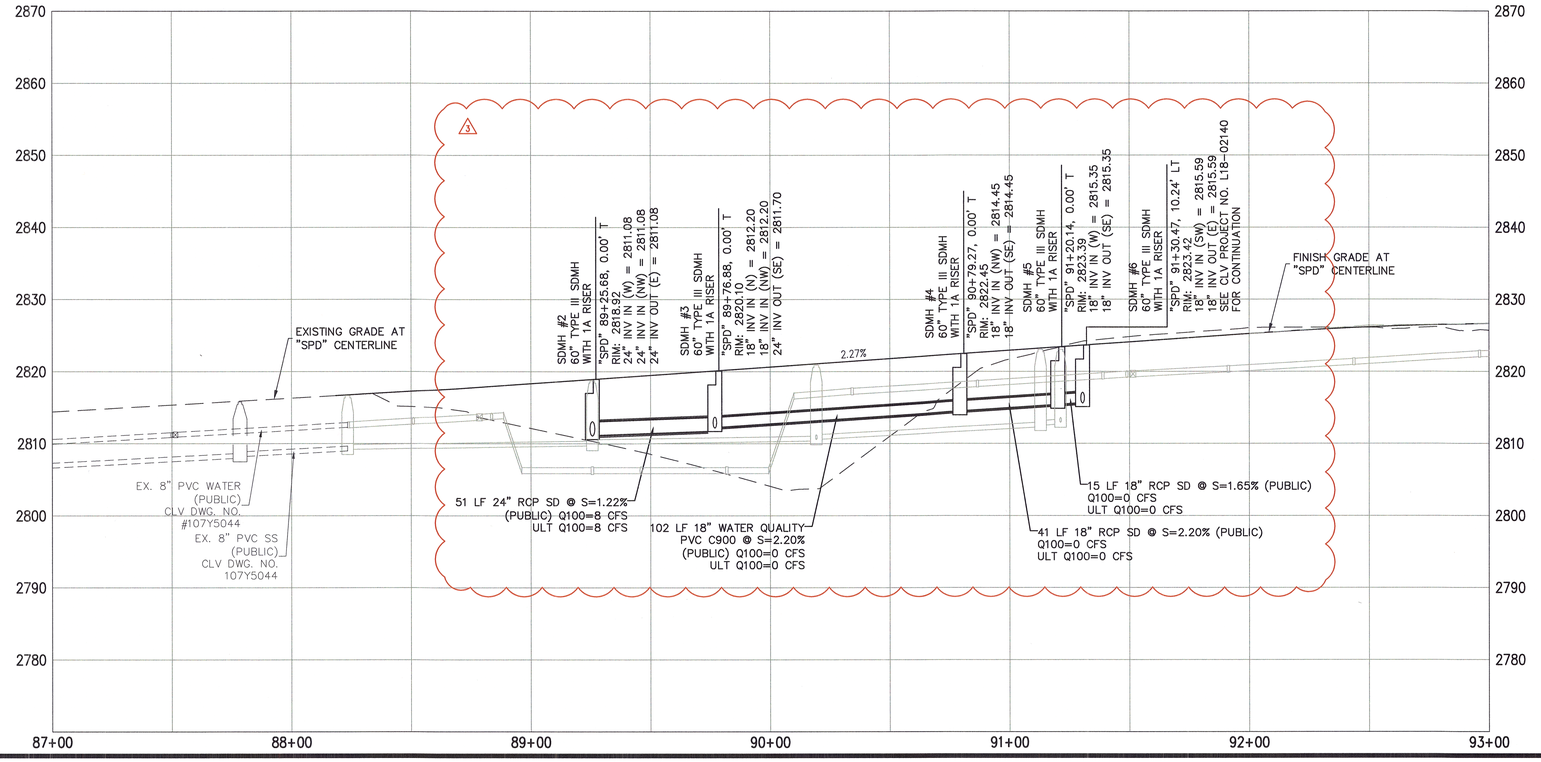
FAST Call before you UnderGround. 1-702-432-6300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig Avoid cutting underground utility lines safely. Call 811 OR 1-800-227-2600

L18-02140

SEE SKYE CANYON PHASE 3A CANYON VIEW LANE IMPROVEMENT PLANS CLV DWG. #107V7653 SHEET D-02 FOR CONTINUATION





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
3. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
4. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
5. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
6. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
7. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
8. INSTALL 54" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
9. INSTALL 24" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 18" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
11. 12' TYPE II MAINTENANCE ACCESS PATH
12. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-06)
13. INSTALL 18" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
14. INSTALL 30" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)
15. INSTALL 36" WATER QUALITY C900 PVC (USDCCA STD. DWG. NO. 503.2)

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 IN PUBLIC ROW ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
7. SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY ADJUSTMENTS AND RELOCATIONS.
8. ALL INTERIM DRAINAGE FACILITIES TO BE PRIVATELY MAINTAINED.

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 D-05)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4931 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

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: 32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

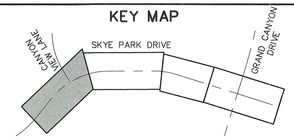
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126440 FIRST APPROVED DATE: _____

KEY MAP



SCALE 30 0 30 60 FEET

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD 1-702-227-2929

FAST Call Before you Underground. 1-702-486-5900 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig Avoid injury, expense and costly service outages. Call 811 or 1-800-227-2600

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN	8/1/19	TD		
2	REMOVE WATER & SEWER STUB				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
SKYE PARK DRIVE
STORM DRAIN PLAN AND PROFILE - "SPD" 87+00.00 TO "SPD" 93+00.00

DATE: 4/5/2019
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

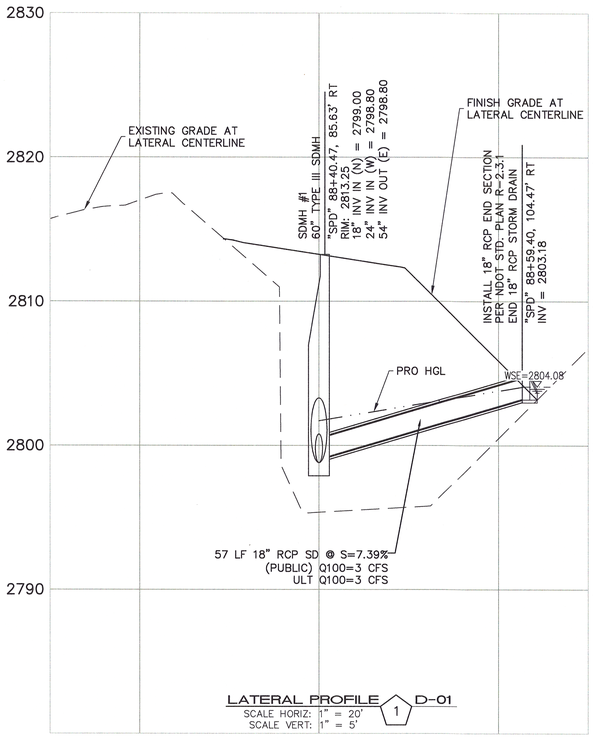
PROJECT NO.
OLY1609-000

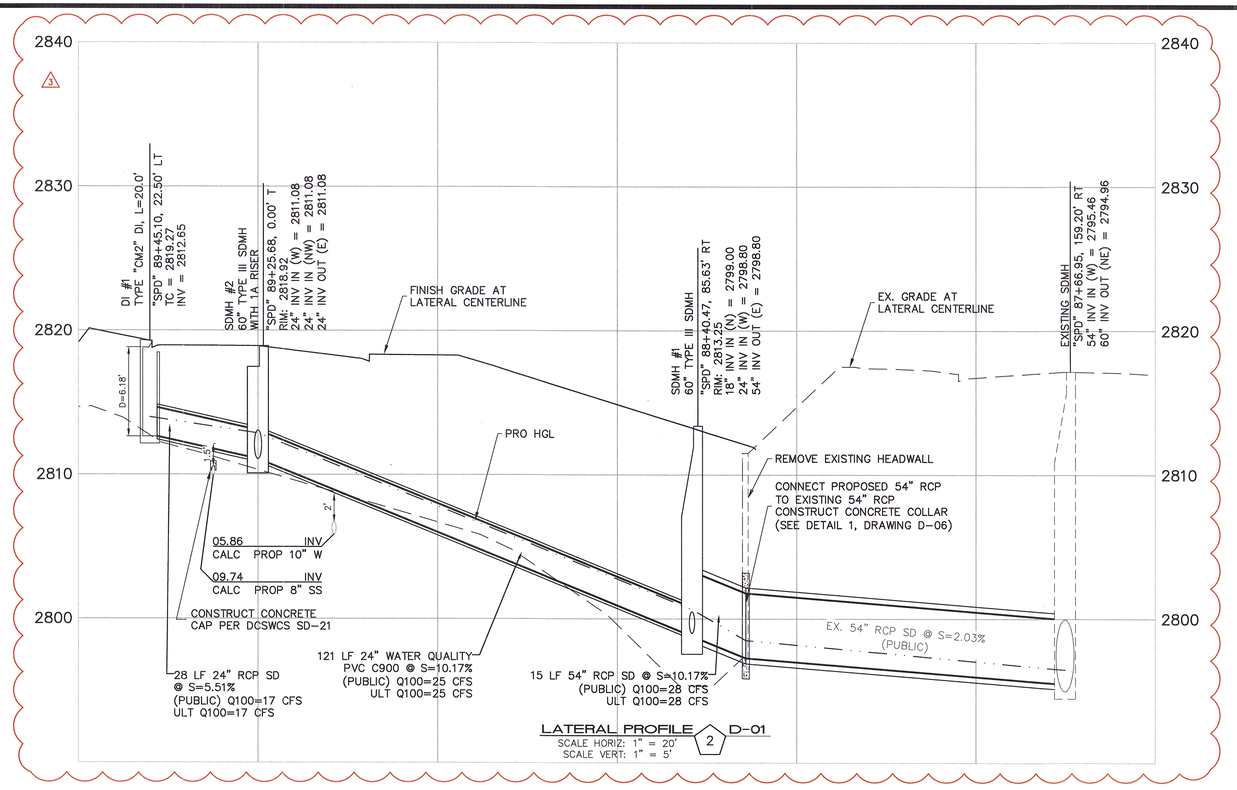
PROFESSIONAL ENGINEER - STATE OF NEVADA - JERRY S. SLATER Exp. 06/30/2020 CIVIL No. 14167

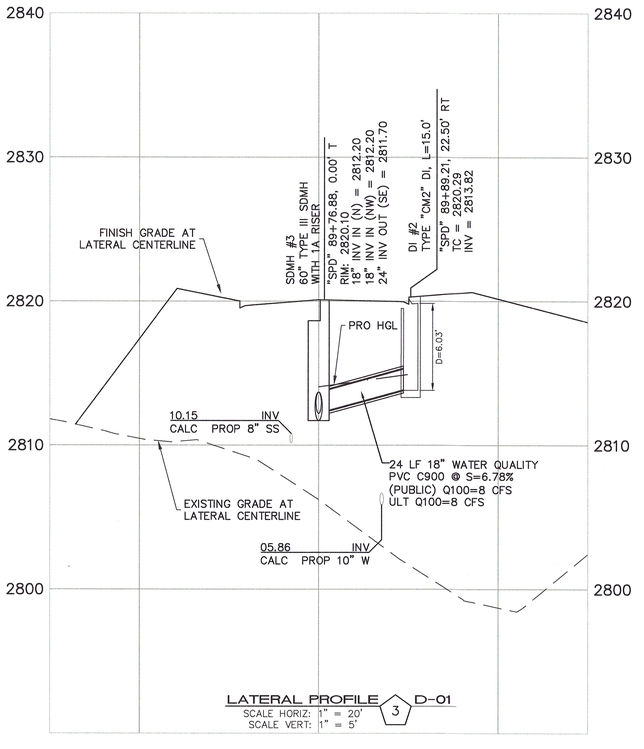
D-01
SHEET 10 OF 32

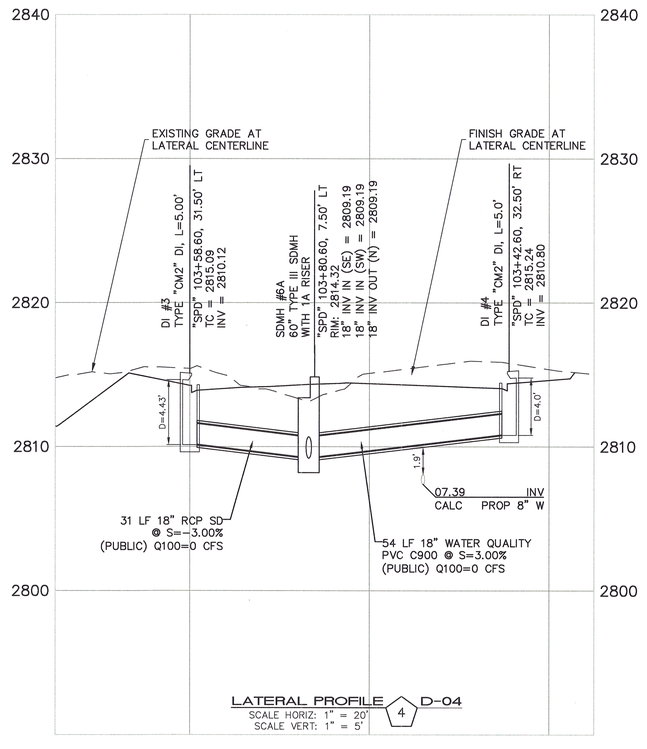
DWG# 107V7655

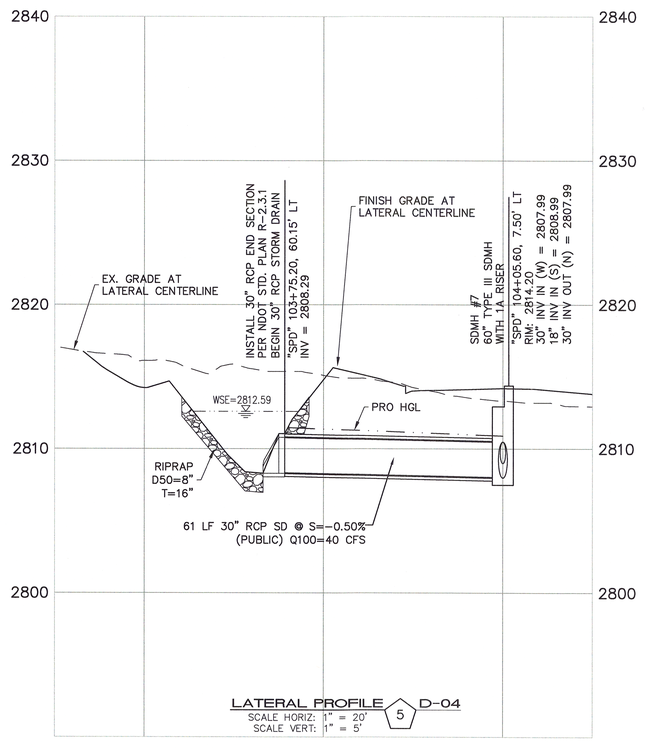
L18-02145











APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126440 FIRST APPROVED DATE: _____

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

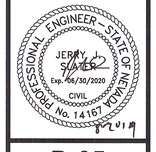
NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
3	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
SKYE PARK DRIVE
STORM DRAIN LATERAL PROFILE

DATE: 4/5/2019
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

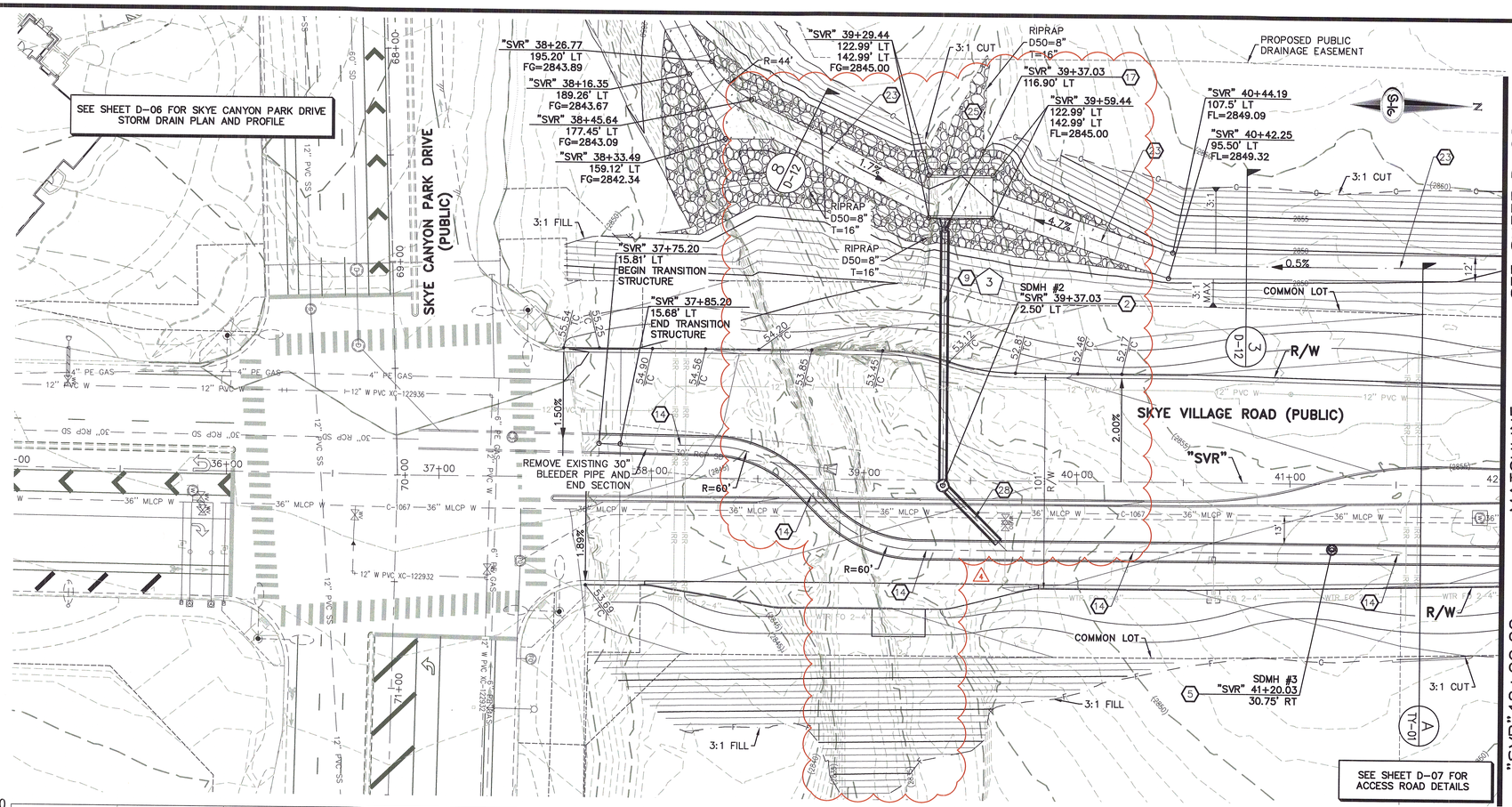
PROJECT NO.
OLY1609-000

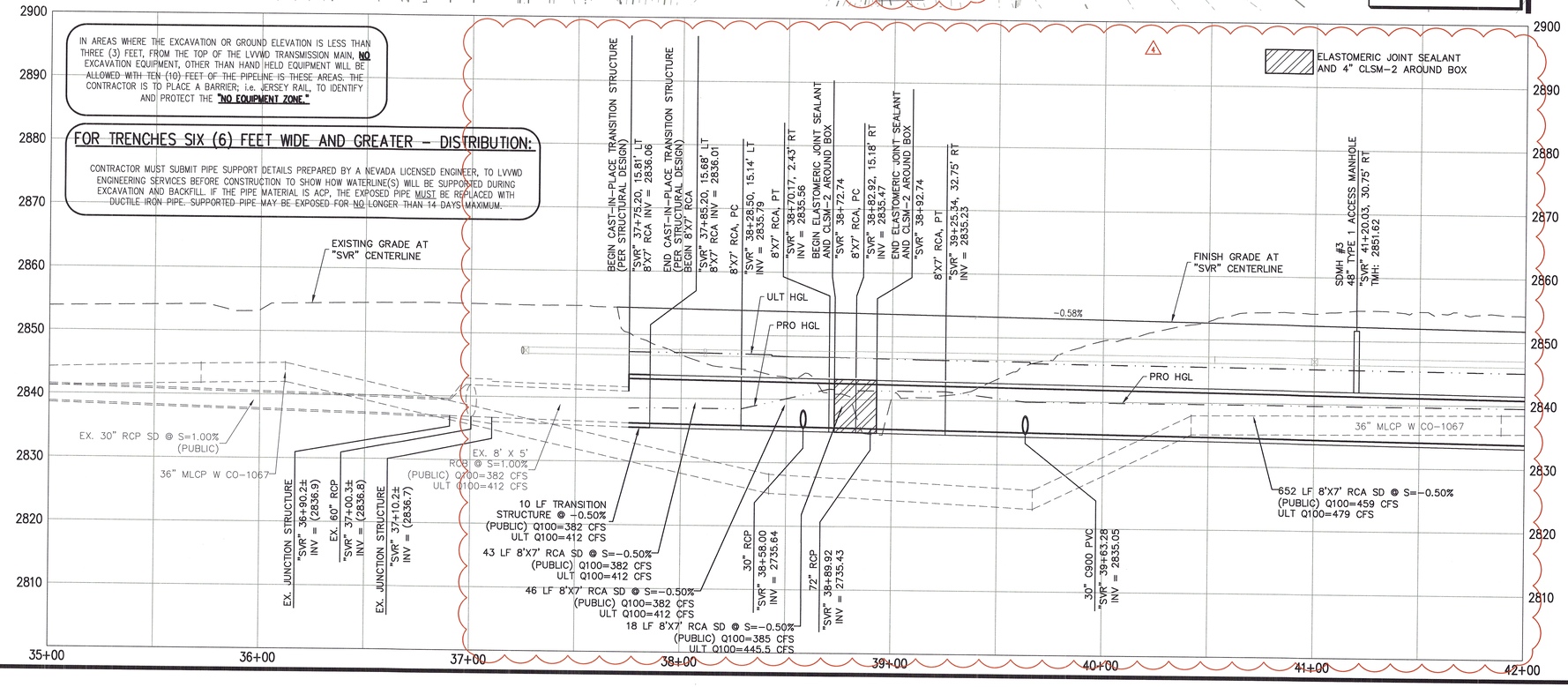


D-05
SHEET 14 OF 32

DWG# 107V7655

L18-02145





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
3. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
4. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
5. CONSTRUCT 48" TYPE I RCA ACCESS MANHOLE (SEE SHEET S1.12)
6. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
7. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
9. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
11. INSTALL 72" RCP (USDCCA STD. DWG. NO. 503.2)
12. CONSTRUCT 6' X 6' RCB (NDOT STD. PLAN B-20.1.2)
13. CONSTRUCT 7' X 5' RCB (NDOT STD. PLAN B-20.1.2)
14. CONSTRUCT 8' X 7' RCA (SEE DETAIL 1, SHEET S4.10)
15. CONSTRUCT 10' X 9' RCA (SEE DETAIL 2, SHEET S4.10)
16. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
17. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
18. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 3, DRAWING D-12)
19. NOT USED
20. CONSTRUCT CULVERT HEADWALL (NDOT STD. PLAN R-2.5.2 & R-2.5.2.1)
21. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-12)
22. CONSTRUCT DROP INLET (SEE DETAIL 10, SHEET S1.10)
23. 12' TYPE II MAINTENANCE ACCESS PATH
24. CONSTRUCT HEADWALL (SEE SHEET S2.10)
25. CONSTRUCT CONCRETE PAD WITH 3' CUTOFF WALL (SEE DETAIL 9, DRAWING D-12)
26. CONSTRUCT 3' CUTOFF WALL (SEE DETAIL 10, DRAWING D-12)
27. INSTALL 18" WATER QUALITY C905 (USDCCA STD. DWG. NO. 503.2)
28. INSTALL 42" WATER QUALITY C905 (USDCCA STD. DWG. NO. 503.2)
29. CONSTRUCT TYPE R PEDESTRIAN RAIL PER NDOT STD. PLAN B-25.1.5

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 IN PUBLIC ROW ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
7. SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY ADJUSTMENTS AND RELOCATIONS.
8. ALL INTERIM DRAINAGE FACILITIES TO BE PRIVATELY MAINTAINED.

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 D-08 THRU D-11)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4931 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

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: 32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

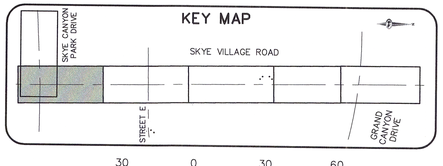
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126441 — FIRST APPROVED DATE: _____

KEY MAP



SCALE 30 0 30 60 FEET

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig Avoid cutting underground utility lines safely. Call 811 or 1-800-227-2600

SLATER HANIFAN GROUP a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

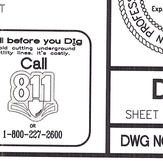
NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 35+00.00 TO "SVR" 42+00.00

DATE: 1/28/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

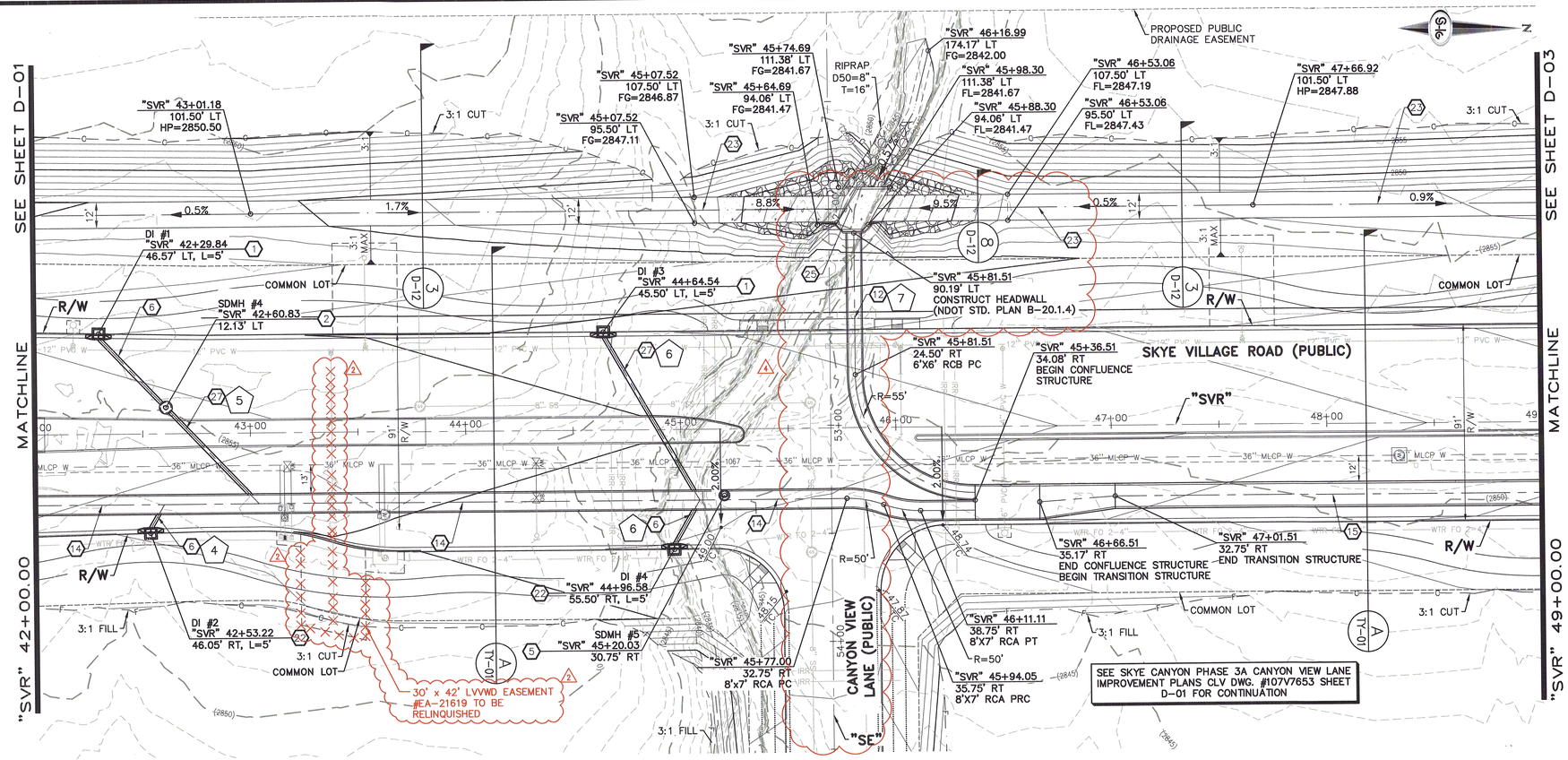
PROJECT NO.
OLY1609-000

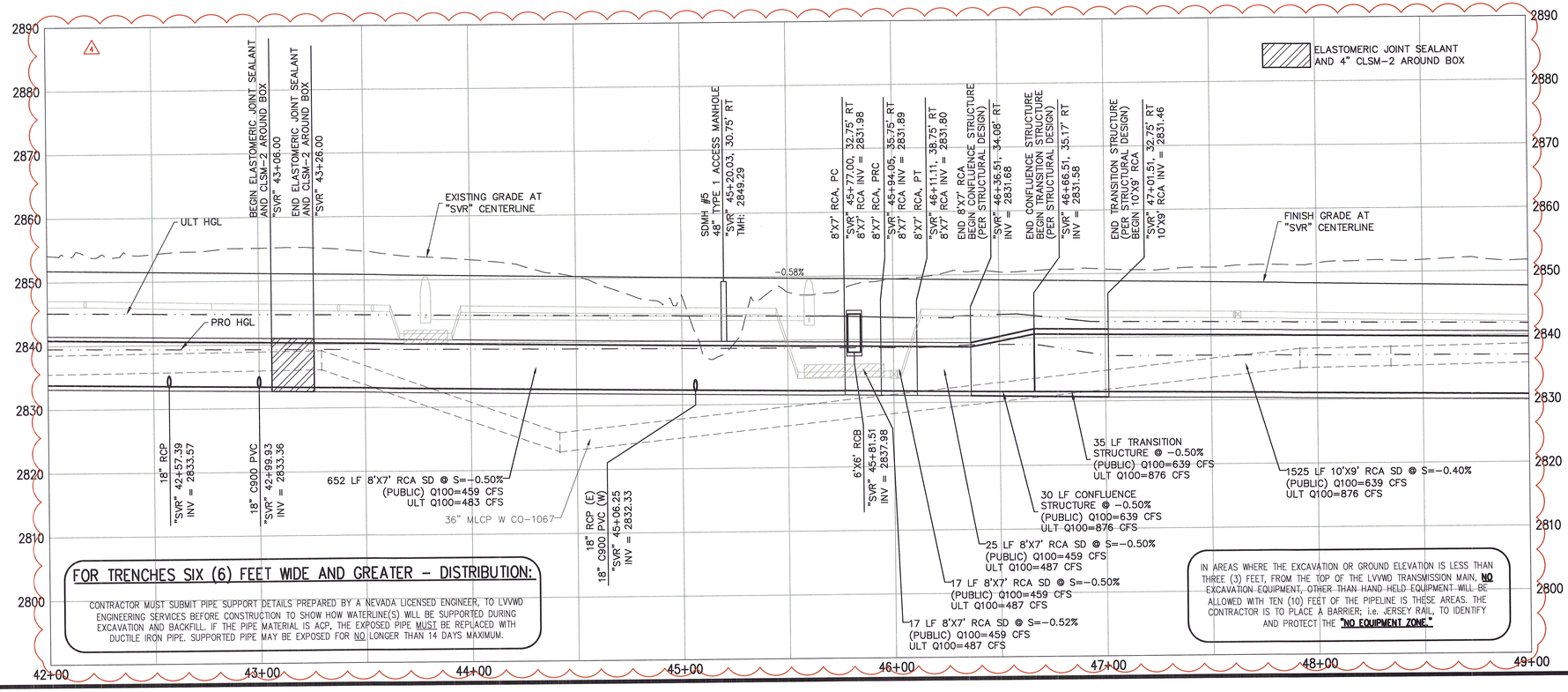


D-01
SHEET 11 OF 61

DWG NO. 107V7650

L18-02144





STORM DRAIN NOTES

1. CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1 & 421)
2. CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
3. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
4. CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
5. CONSTRUCT 48" TYPE I RCA ACCESS MANHOLE (SEE SHEET S1.12)
6. INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
7. INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
8. INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
9. INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
10. INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
11. INSTALL 72" RCP (USDCCA STD. DWG. NO. 503.2)
12. CONSTRUCT 6' X 6' RCB (NDOT STD. PLAN B-20.1.2)
13. CONSTRUCT 7' X 5' RCB (NDOT STD. PLAN B-20.1.2)
14. CONSTRUCT 8' X 7' RCA (SEE DETAIL 1, SHEET S4.10)
15. CONSTRUCT 10' X 9' RCA (SEE DETAIL 2, SHEET S4.10)
16. INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
17. INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
18. CONSTRUCT BRICK AND MORTAR PLUG (SEE DETAIL 3, DRAWING D-12)
19. NOT USED
20. CONSTRUCT CULVERT HEADWALL (NDOT STD. PLAN R-2.5.2 & R-2.5.2.1)
21. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-12)
22. CONSTRUCT DROP INLET (SEE DETAIL 10, SHEET S1.10)
23. 12' TYPE II MAINTENANCE ACCESS PATH
24. CONSTRUCT HEADWALL (SEE SHEET S2.10)
25. CONSTRUCT CONCRETE PAD WITH 3' CUTOFF WALL (SEE DETAIL 9, DRAWING D-12)
26. CONSTRUCT 3' CUTOFF WALL (SEE DETAIL 10, DRAWING D-12)
27. INSTALL 18" WATER QUALITY C905 (USDCCA STD. DWG. NO. 503.2)
28. INSTALL 42" WATER QUALITY C905 (USDCCA STD. DWG. NO. 503.2)
29. CONSTRUCT TYPE R PEDESTRIAN RAIL PER NDOT STD. PLAN B-25.1.5

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 IN PUBLIC ROW ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
7. SEE UTILITY PLAN AND PROFILE SHEETS FOR UTILITY ADJUSTMENTS AND RELOCATIONS.
8. ALL INTERIM DRAINAGE FACILITIES TO BE PRIVATELY MAINTAINED.

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 D-08 THRU D-11)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4931 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

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:32003C1735E, DATED SEPTEMBER 27, 2002

NOTE:

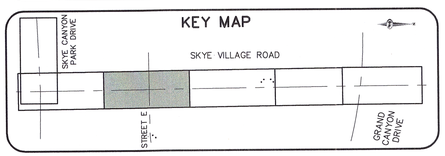
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126441 FIRST APPROVED DATE:

KEY MAP



30 0 30 60
SCALE FEET

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

FAST
Call Before you Dig Under Ground.
1-702-432-6300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig
Avoid cutting underground utility lines. Call to notify.
Call 811
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SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				
2	REMOVE WATER STUB				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
SKYE VILLAGE ROAD
"SVR" 42+00.00 TO "SVR" 49+00.00

STORM DRAIN PLAN AND PROFILE - "SVR" 42+00.00 TO "SVR" 49+00.00

DATE: 1/28/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

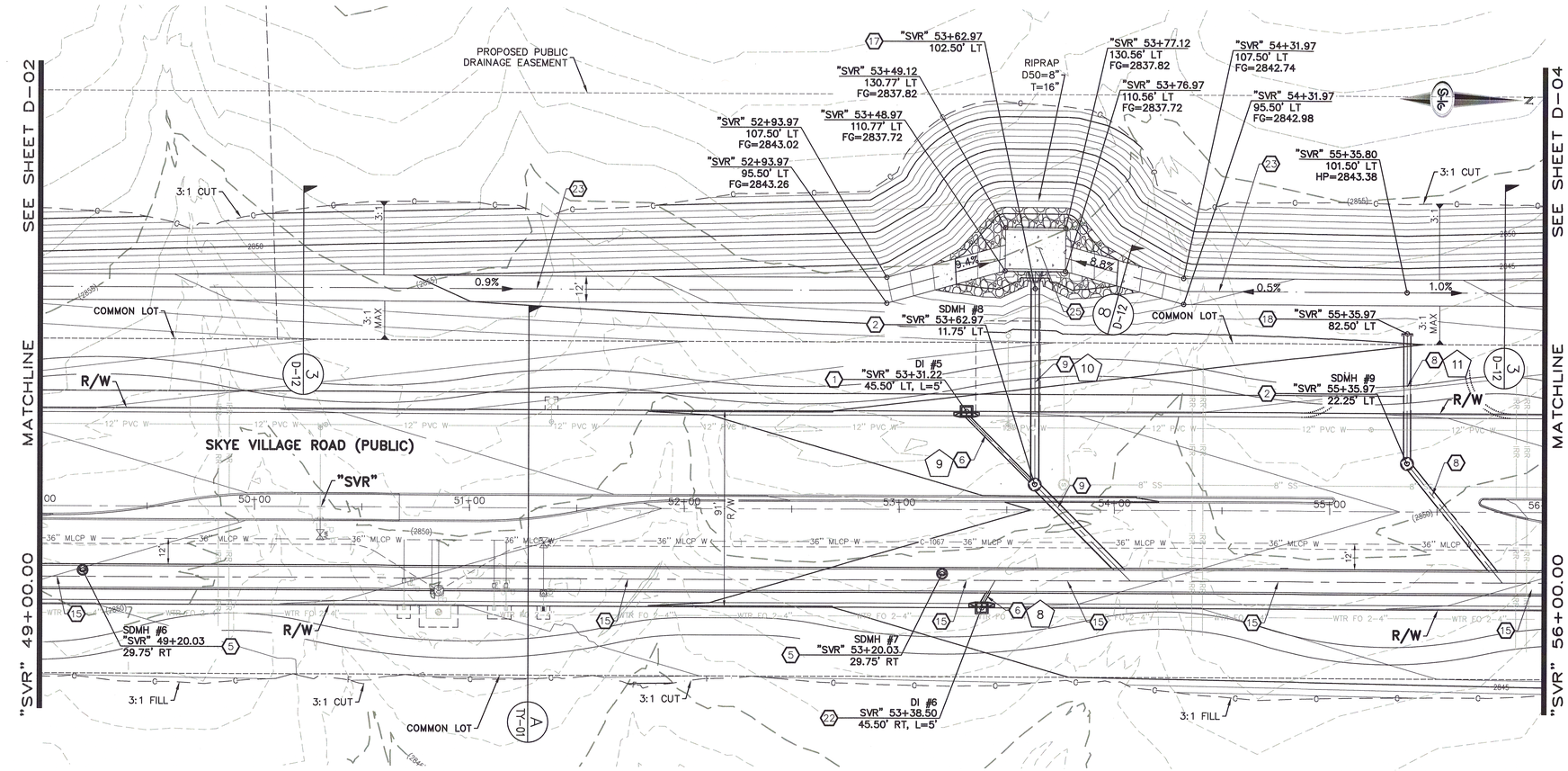
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OLY1609-000

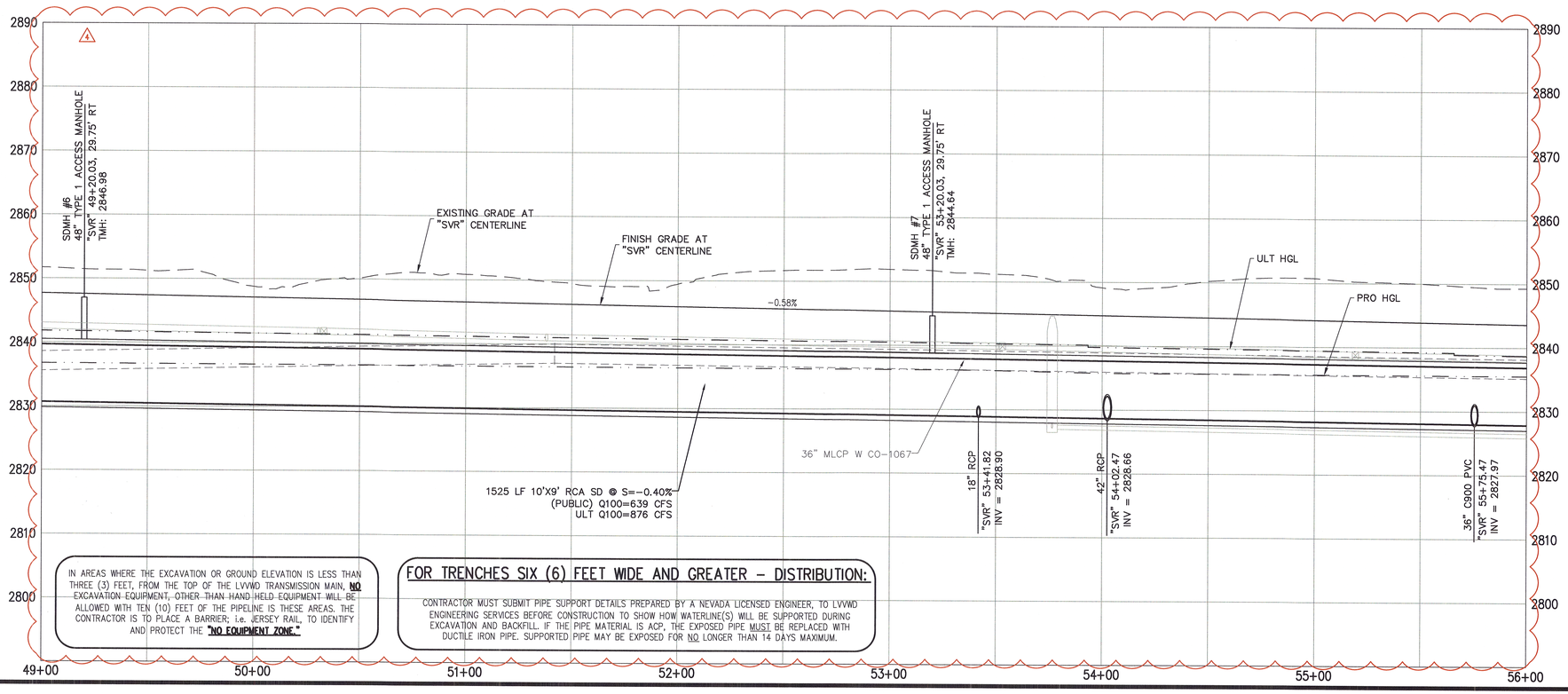
PROFESSIONAL ENGINEER - STATE OF NEVADA
JERRY J. SLATER
No. 14167
Exp. 06/30/2020
CIVIL

D-02
SHEET 12 OF 61

DWG NO. 107V7650

L18-02144





IN AREAS WHERE THE EXCAVATION OR GROUND ELEVATION IS LESS THAN THREE (3) FEET, FROM THE TOP OF THE LVVWD TRANSMISSION MAIN, NO EXCAVATION EQUIPMENT, OTHER THAN HAND HELD EQUIPMENT WILL BE ALLOWED WITH TEN (10) FEET OF THE PIPELINE IS THESE AREAS. THE CONTRACTOR IS TO PLACE A BARRIER; i.e. JERSEY RAIL, TO IDENTIFY AND PROTECT THE "NO EQUIPMENT ZONE."

FOR TRENCHES SIX (6) FEET WIDE AND GREATER – DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE(S) WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL. IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE. SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAN 14 DAYS MAXIMUM.

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3. CONSTRUCT 60" TYPE III MANHOLE WITH TYPE IA RISER (USDCCA STD. DWG. NO. 404.1 AND 406.1)
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NOTES

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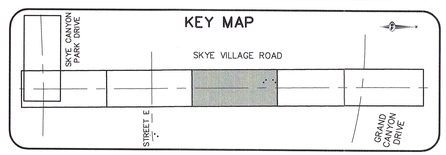
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APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126441 FIRST APPROVED DATE: _____

KEY MAP



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STORM DRAIN PLAN AND PROFILE - "SVR" 49+00.00 TO "SVR" 56+00.00

DATE: 1/28/19
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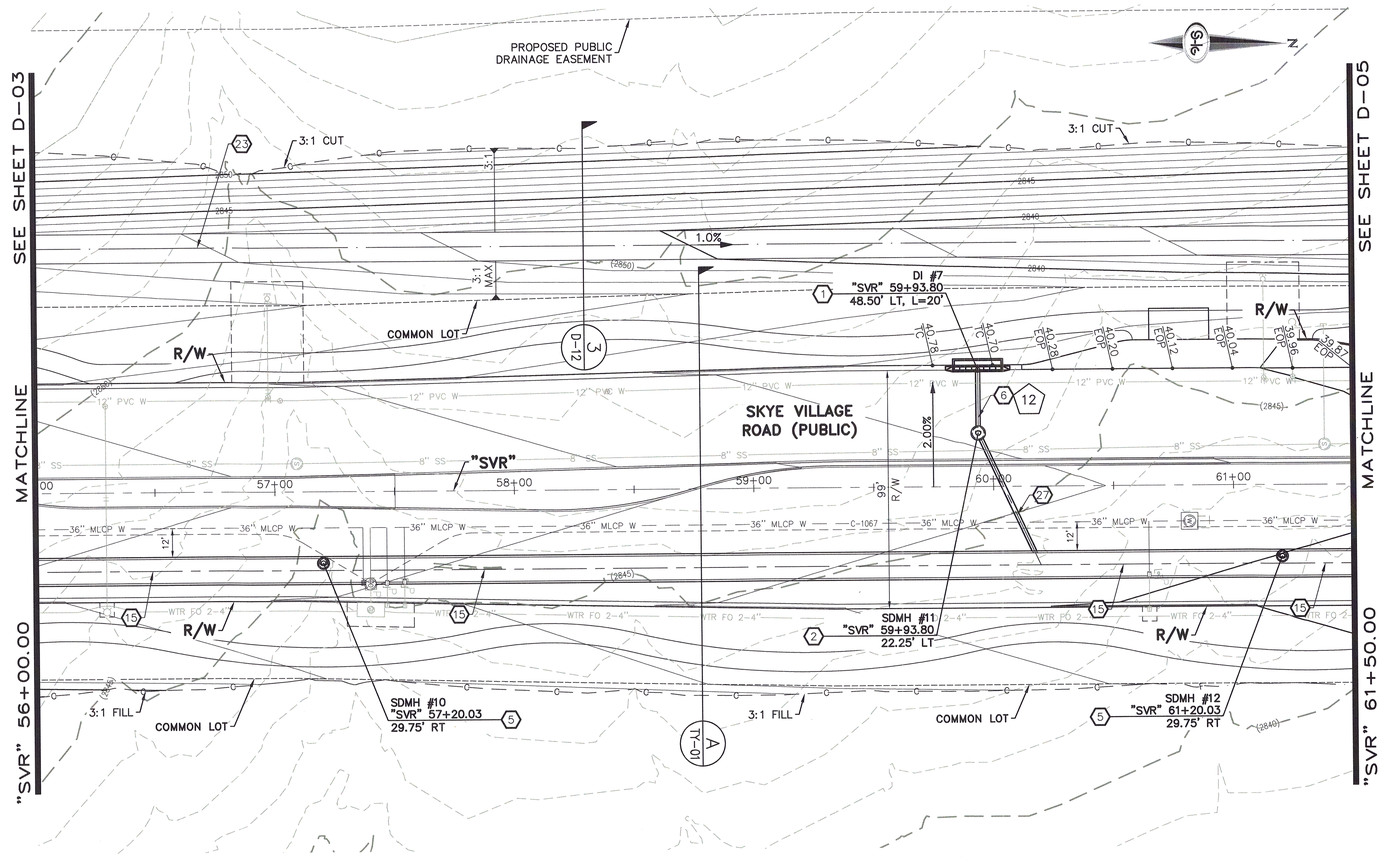
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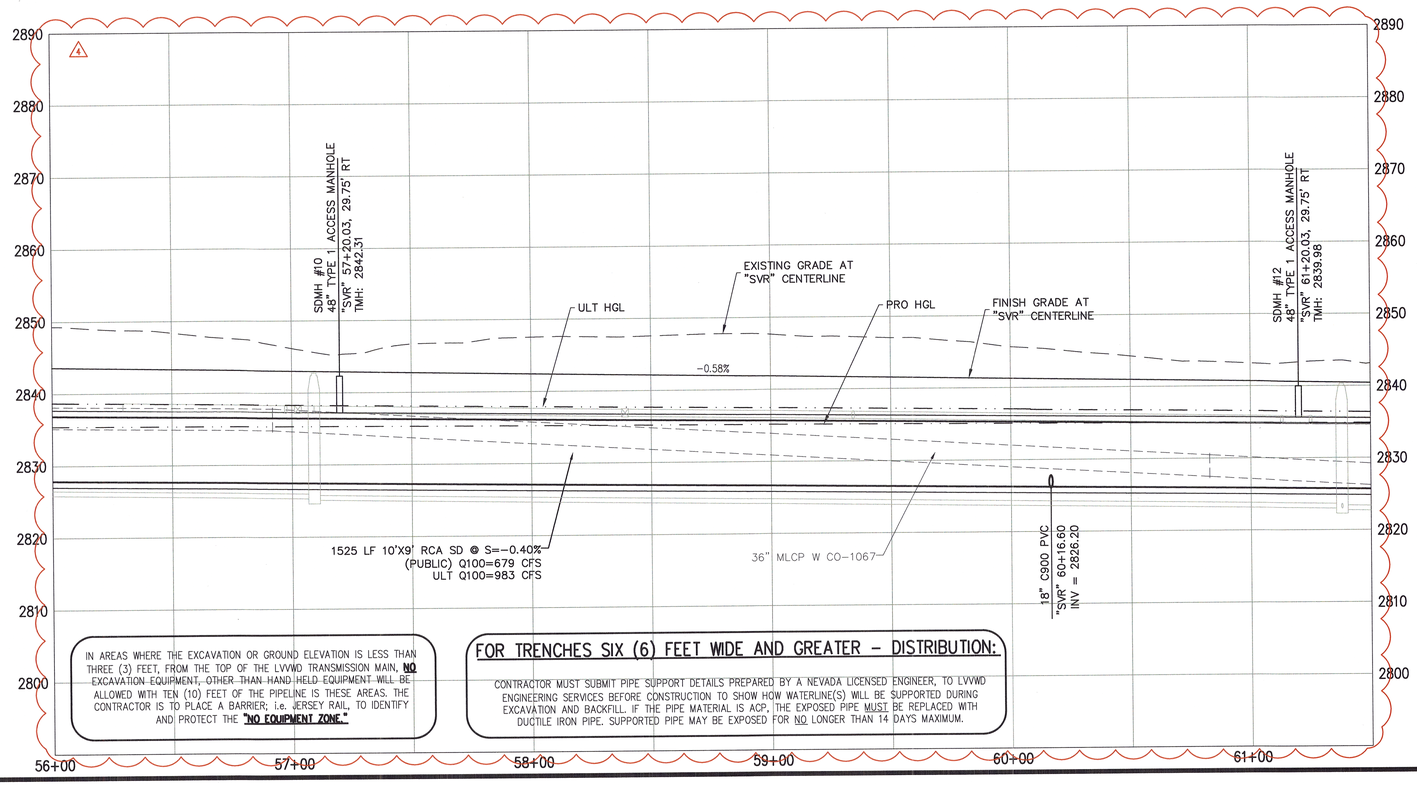
PROFESSIONAL ENGINEER STATE OF NEVADA JERRY SLATER Exp. 06/30/2020 CIVIL No. 14167

D-03
SHEET 13 OF 61

DWG NO. 107V7650

L18-02144





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JERRY SLATER, P.E. 14167 DATE

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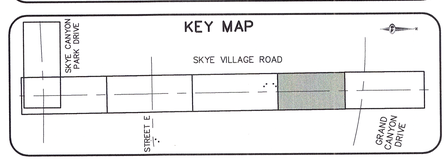
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APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126441 FIRST APPROVED DATE:

KEY MAP



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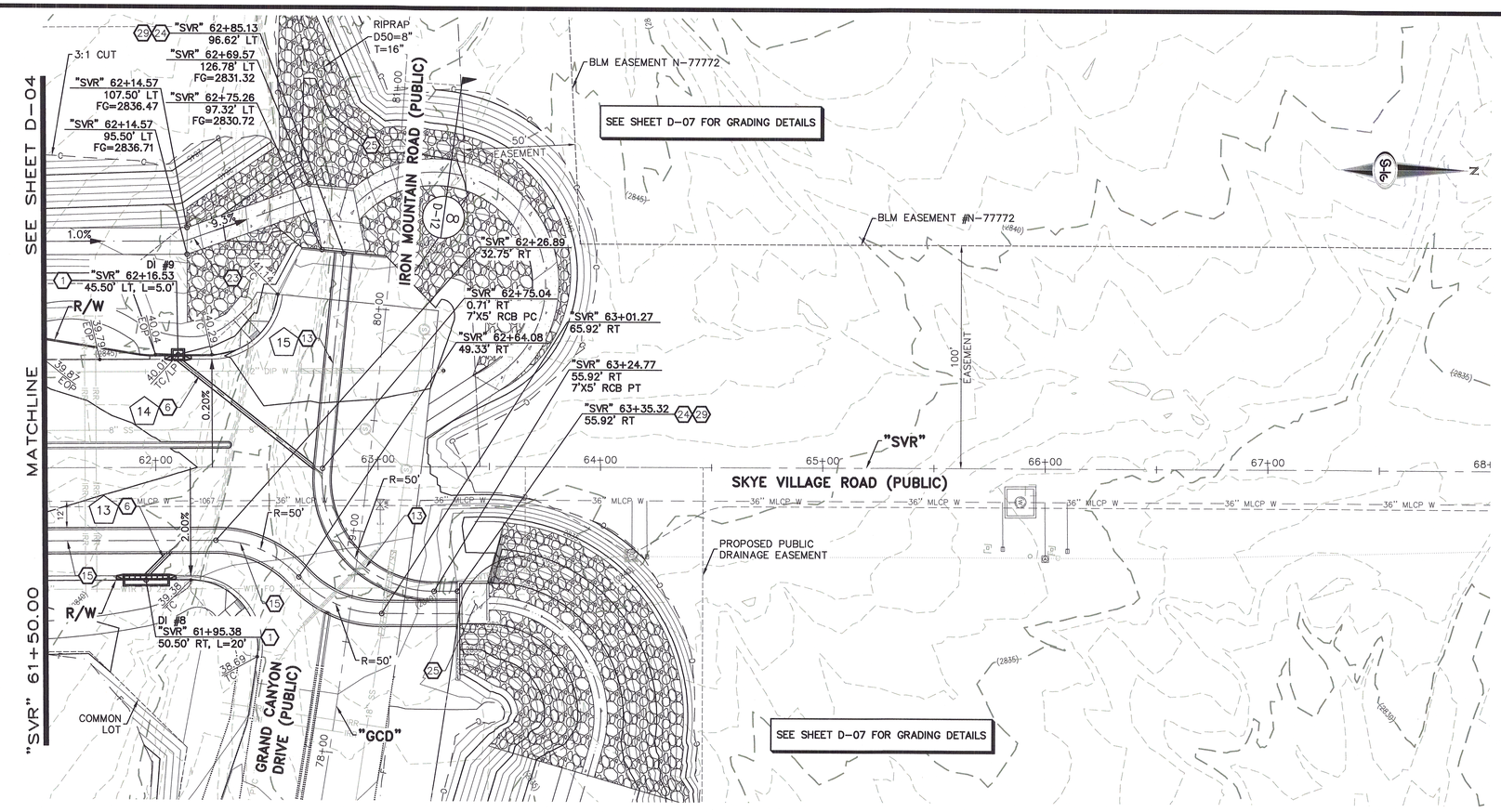
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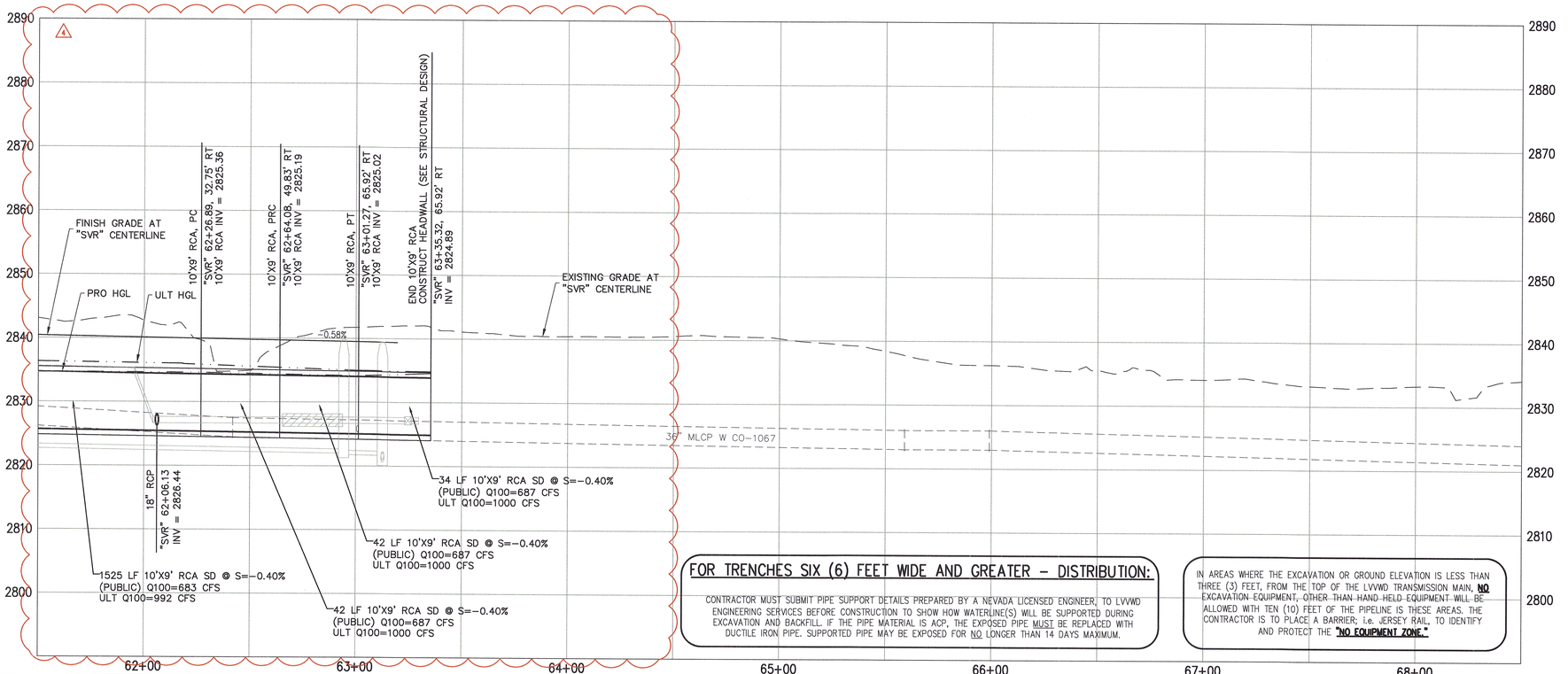
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PROFESSIONAL ENGINEER – STATE OF NEVADA – JERRY SLATER Exp. 06/30/2020 CIVIL No. 14167 – 8.20.19

D-04
SHEET 14 OF 61
DWG NO. 107V7650

L18-02144





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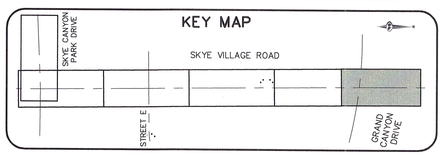
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APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126441 — FIRST APPROVED DATE: _____

KEY MAP



SCALE: 30 0 30 60 FEET

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AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-632-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig Avoid cutting underground utility lines. It's costly. Call 811 OR 1-800-227-2600

SLATER HANIFAN GROUP a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

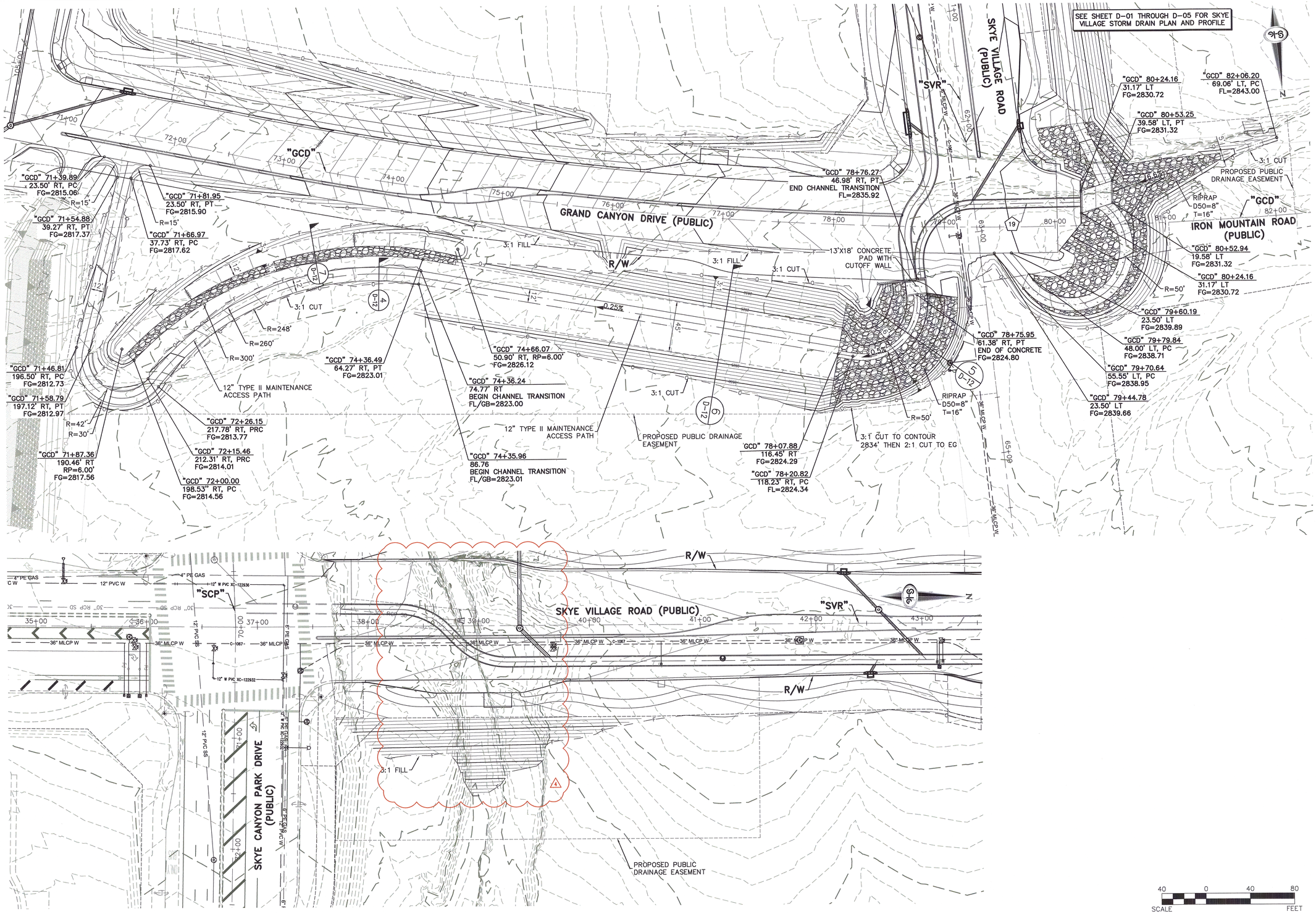
SKYE CANYON II PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN PLAN AND PROFILE - "SVR" 61+50.00 TO "SVR" 68+00.00

DATE: 1/28/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR
PROJECT NO. OLY1609-000

PROFESSIONAL ENGINEER STATE OF NEVADA JERRY SLATER Exp. 06/30/2020 CIVIL NO. 14167 — 8-20-19

D-05
SHEET 15 OF 61
DWG NO. 107V7650

L18-02144



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.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

FAST
Call before you UnderGround.
1-702-432-6300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig
Avoid cutting underground utility lines. It's safety.
Call 811
or 1-800-227-2600

SLATER HANIFAN GROUP
a Westwood team
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FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
SKY VILLAGE ROAD
GRADING PLAN

DATE: 1/28/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

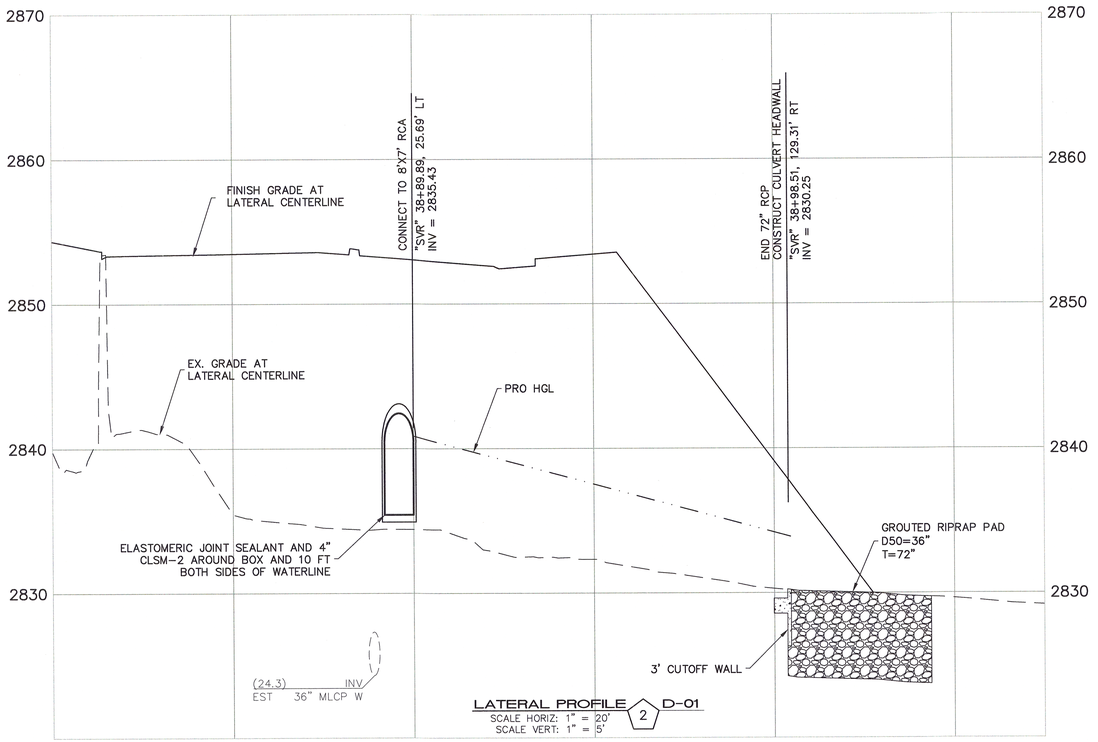
PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA
JERRY SLATER
Exp. 06/30/2020
CIVIL
No. 14167

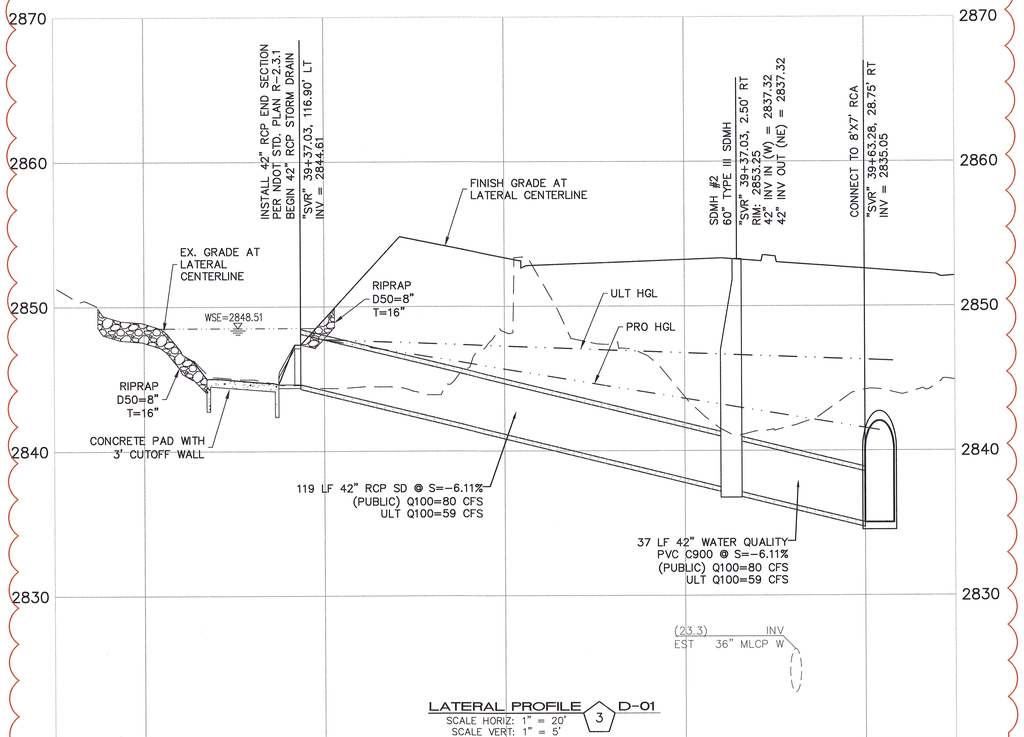
D-07
SHEET 17 OF 61

DWG NO. 107V7650

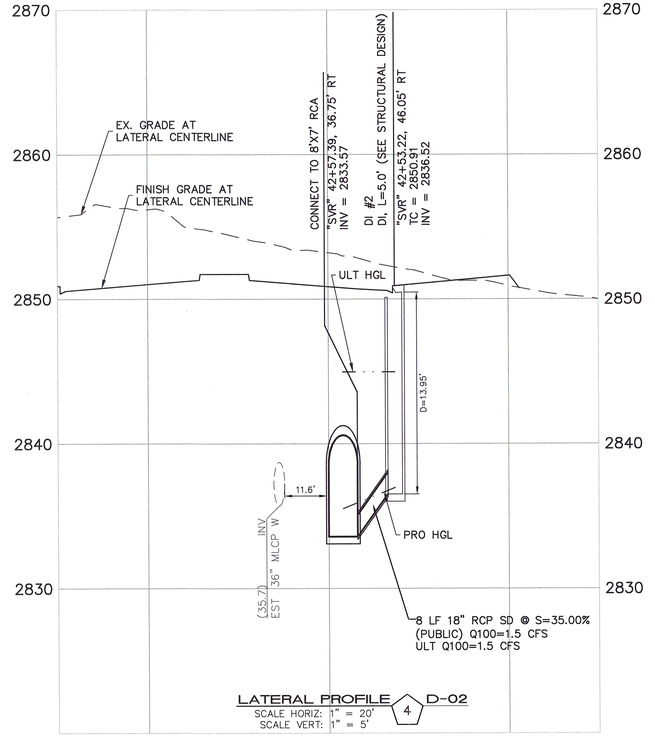
L18-02144



LATERAL PROFILE 2 D-01
SCALE HORIZ: 1" = 20'
SCALE VERT: 1" = 5'



LATERAL PROFILE 3 D-01
SCALE HORIZ: 1" = 20'
SCALE VERT: 1" = 5'



LATERAL PROFILE 4 D-02
SCALE HORIZ: 1" = 20'
SCALE VERT: 1" = 5'

FOR TRENCHES SIX (6) FEET WIDE AND GREATER – DISTRIBUTION:

CONTRACTOR MUST SUBMIT PIPE SUPPORT DETAILS PREPARED BY A NEVADA LICENSED ENGINEER, TO LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINE(S) WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL. IF THE PIPE MATERIAL IS ACP, THE EXPOSED PIPE MUST BE REPLACED WITH DUCTILE IRON PIPE. SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAN 14 DAYS MAXIMUM.

IN AREAS WHERE THE EXCAVATION OR GROUND ELEVATION IS LESS THAN THREE (3) FEET, FROM THE TOP OF THE LVVWD TRANSMISSION MAIN, **NO** EXCAVATION EQUIPMENT, OTHER THAN HAND HELD EQUIPMENT WILL BE ALLOWED WITH TEN (10) FEET OF THE PIPELINE IS THESE AREAS. THE CONTRACTOR IS TO PLACE A BARRIER; I.e. JERSEY RAIL, TO IDENTIFY AND PROTECT THE **"NO EQUIPMENT ZONE."**

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 126441 FIRST APPROVED DATE: _____

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.
1	REVISED STORM DRAIN				

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON II PHASE 3A
SKYE VILLAGE ROAD
STORM DRAIN LATERAL PROFILE

DATE: 1/28/19
DRAFTER: DAM
DESIGNER: DAM
CHECKED: JSR

PROJECT NO.
OLY1609-000

PROFESSIONAL ENGINEER STATE OF NEVADA
JERRY S. SLATER
Exp. 06/30/2020
CIVIL
No. 14167
7-31-19

D-08
SHEET 18 OF 61

DWG NO. 107V7650

L18-02144