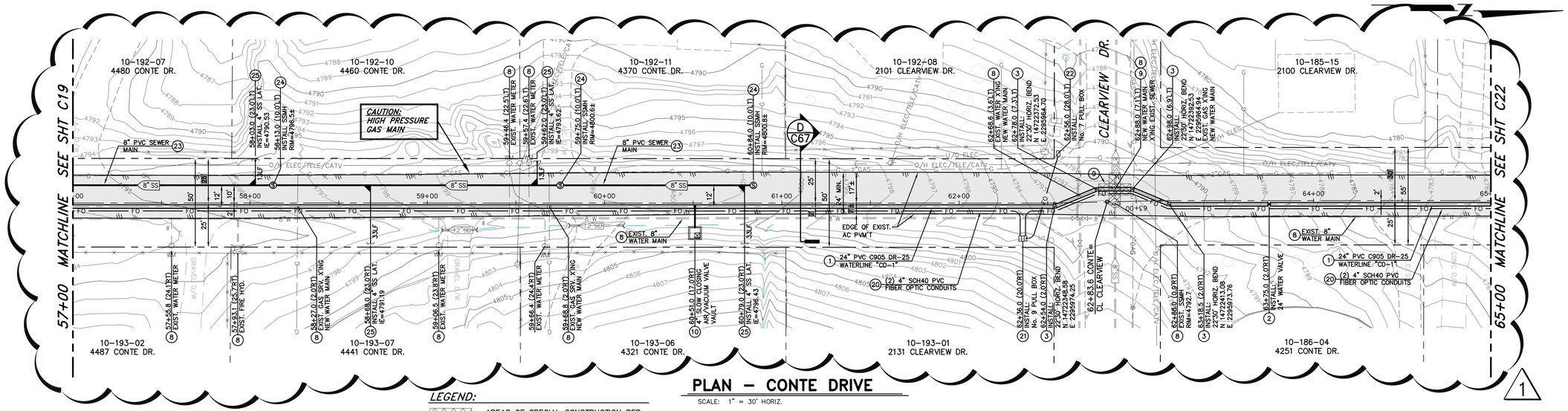

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLS AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
10. INSTALL SLOW CLOSING AIR/VACUUM VALVE WITH AIR RELEASE AND SURGE CHECK VALVE PER DETAIL 5, SHEET C63.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

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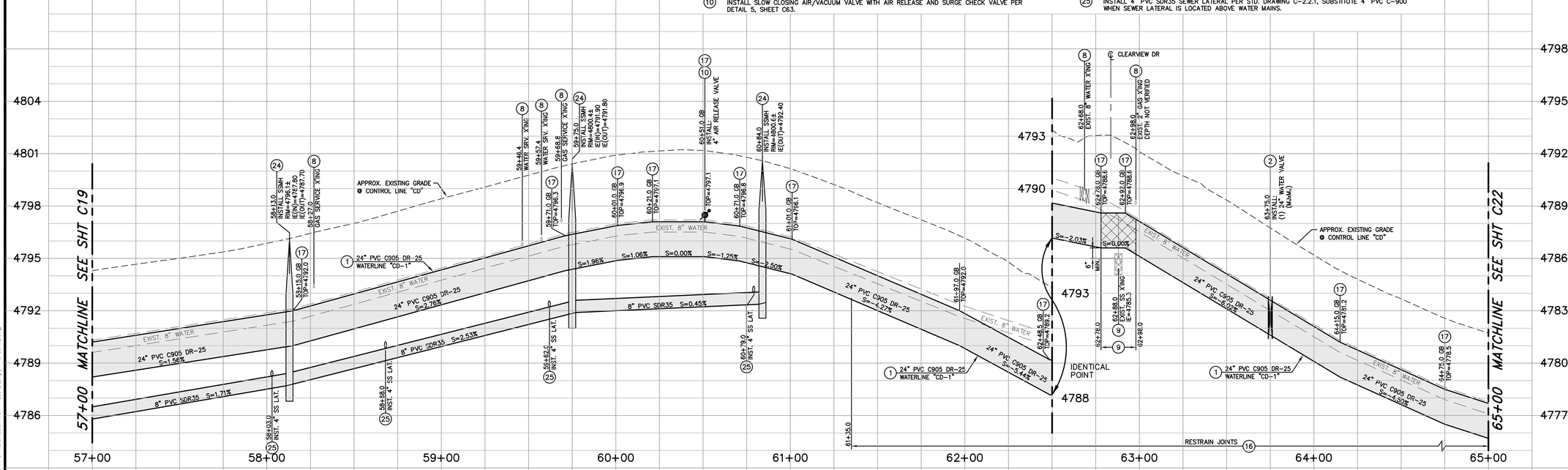
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600



PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

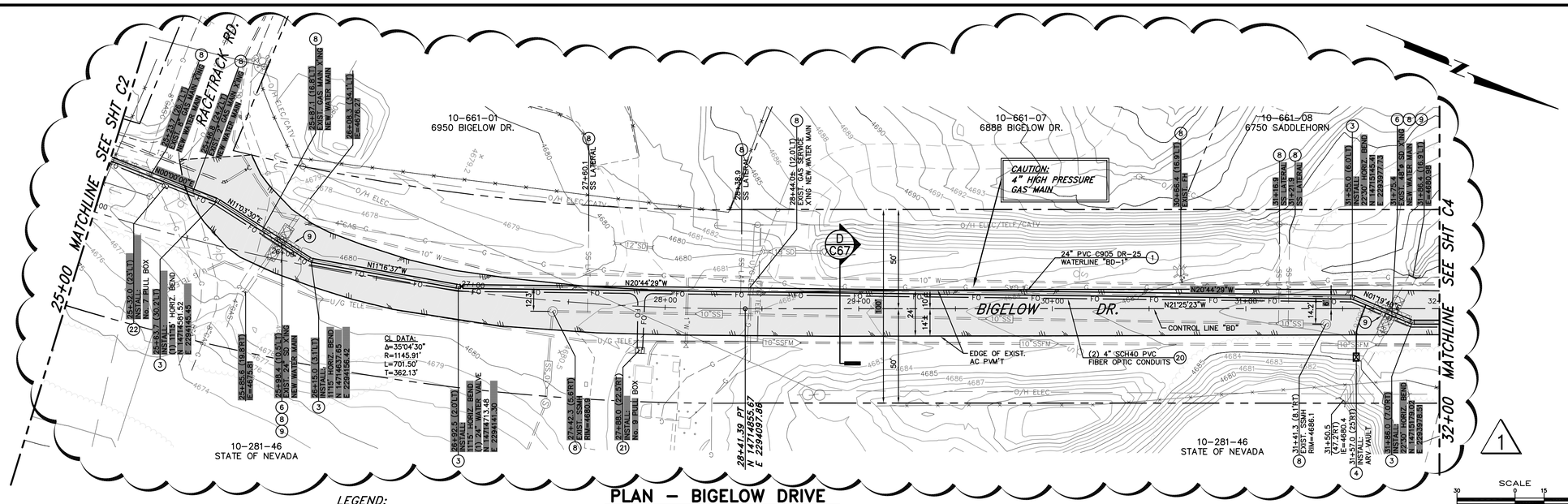
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUNN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 57+00 to STA 65+00

SHEET C21 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



LEGEND:

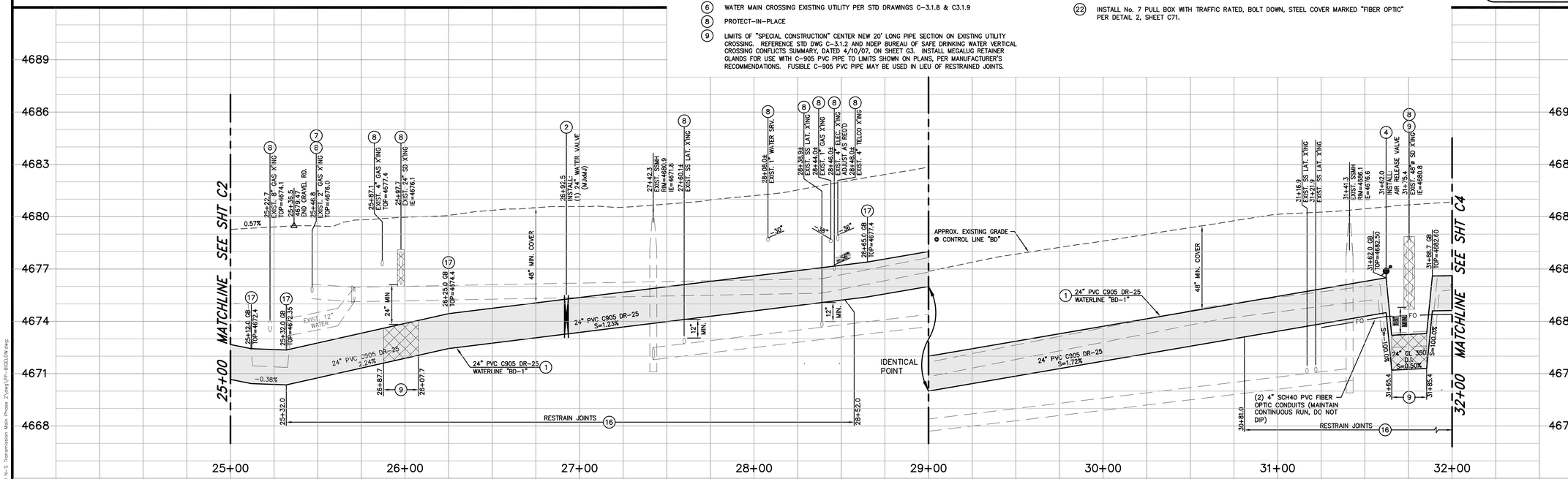
AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET C3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.



PROFILE – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-BIGELOW.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 1/12/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

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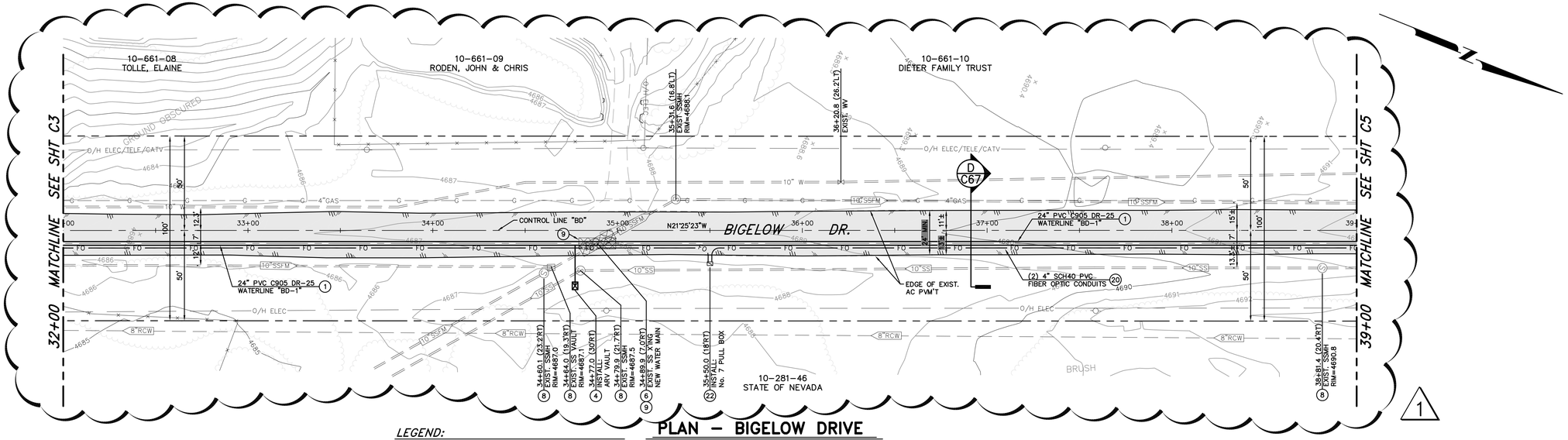
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
BIGELOW DRIVE
PLAN & PROFILE
STA 25+00 to STA 32+00

SHEET C3 OF 96

m:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-BIGELOW.dwg



PLAN – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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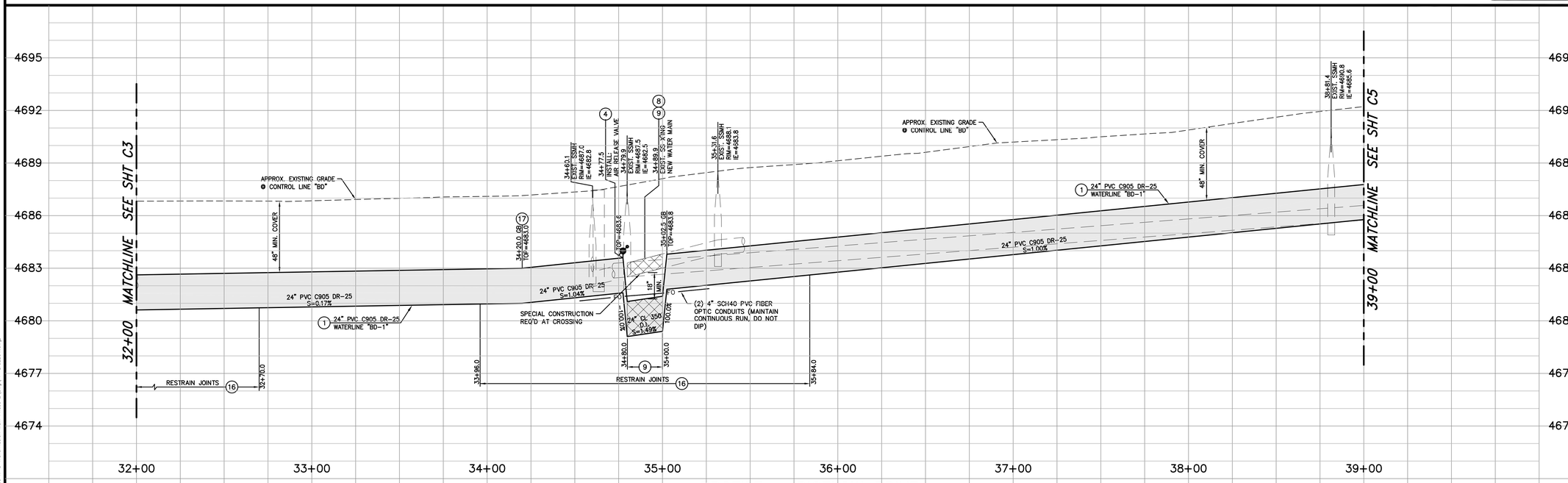
Avoid cutting underground utility lines. It's costly.
Call 811
OR
1-800-227-2600



PROFILE – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-BIGELOW.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 11/22/10

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

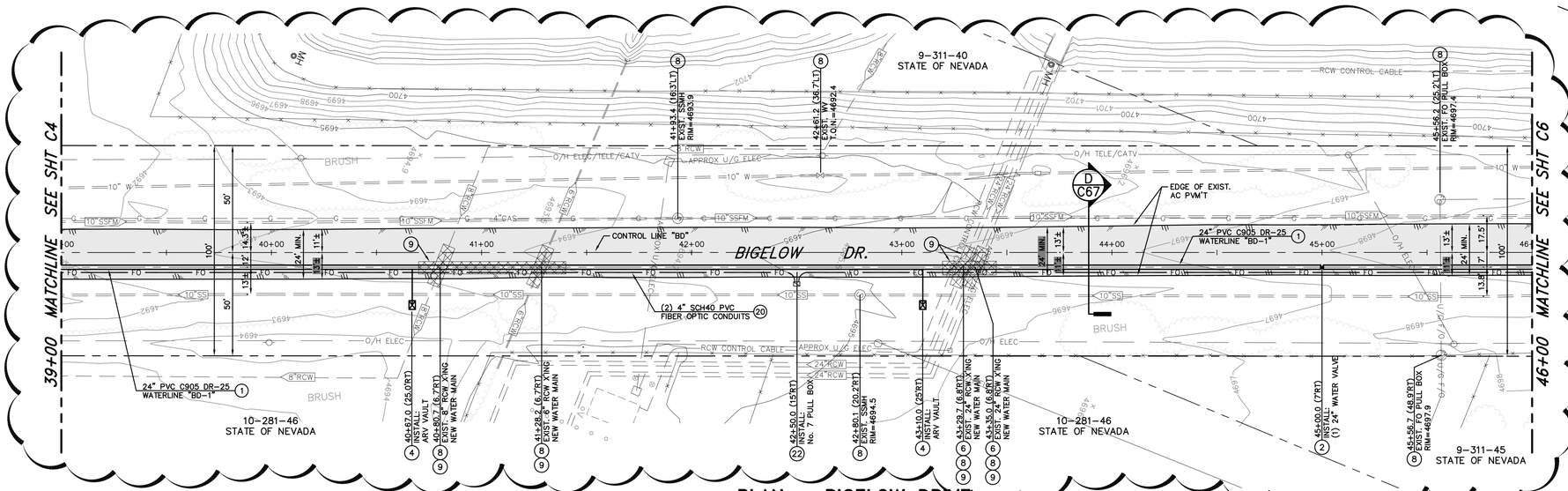
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
BIGELOW DRIVE
PLAN & PROFILE
STA 32+00 to STA 39+00

SHEET C4 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-BIGELOW.dwg



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

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4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET C3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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Avoid cutting underground utility lines. It's costly.
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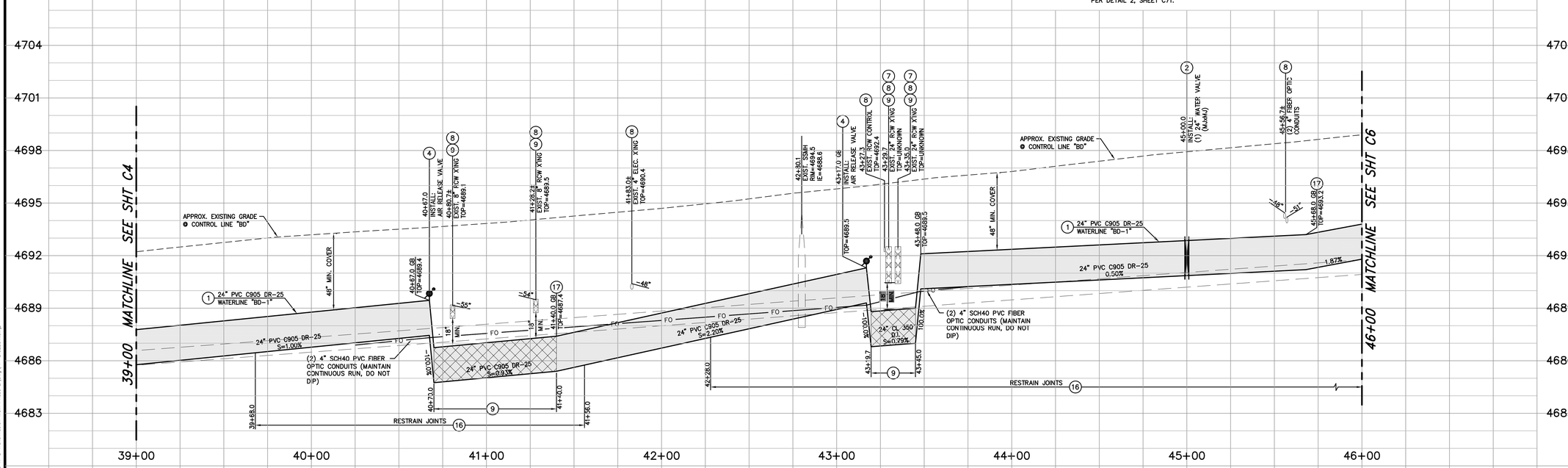


PROFILE – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	PP-BIGELOW.DWG
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	11/22/10

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

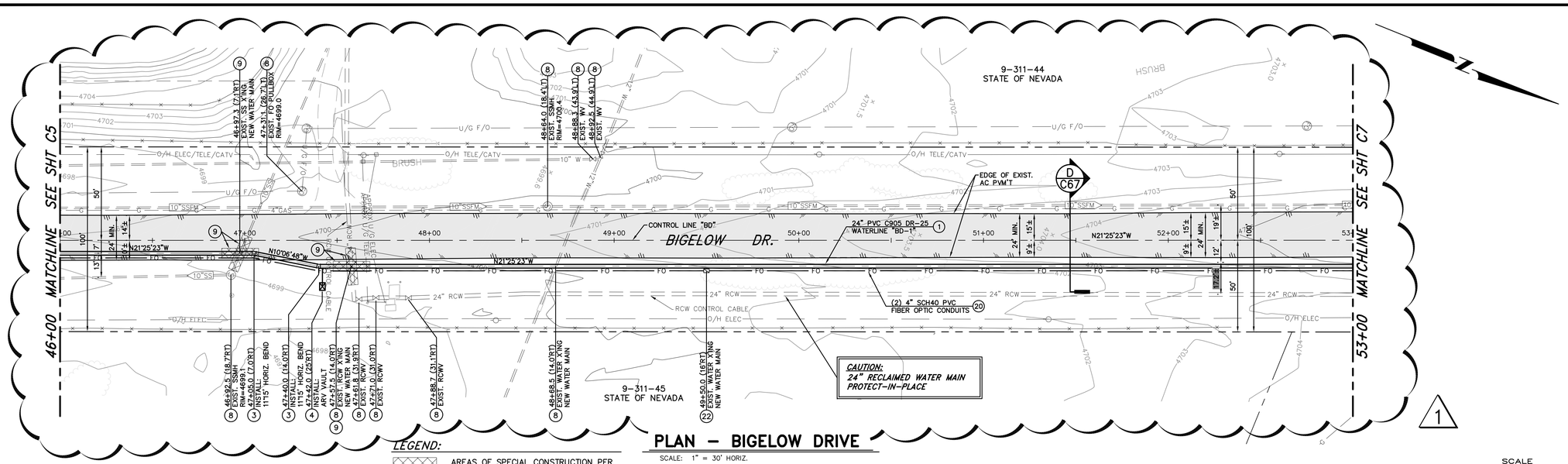
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
BIGELOW DRIVE
PLAN & PROFILE
STA 39+00 to STA 46+00

SHEET C5 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-BIGELOW.dwg



PLAN – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
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6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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OR
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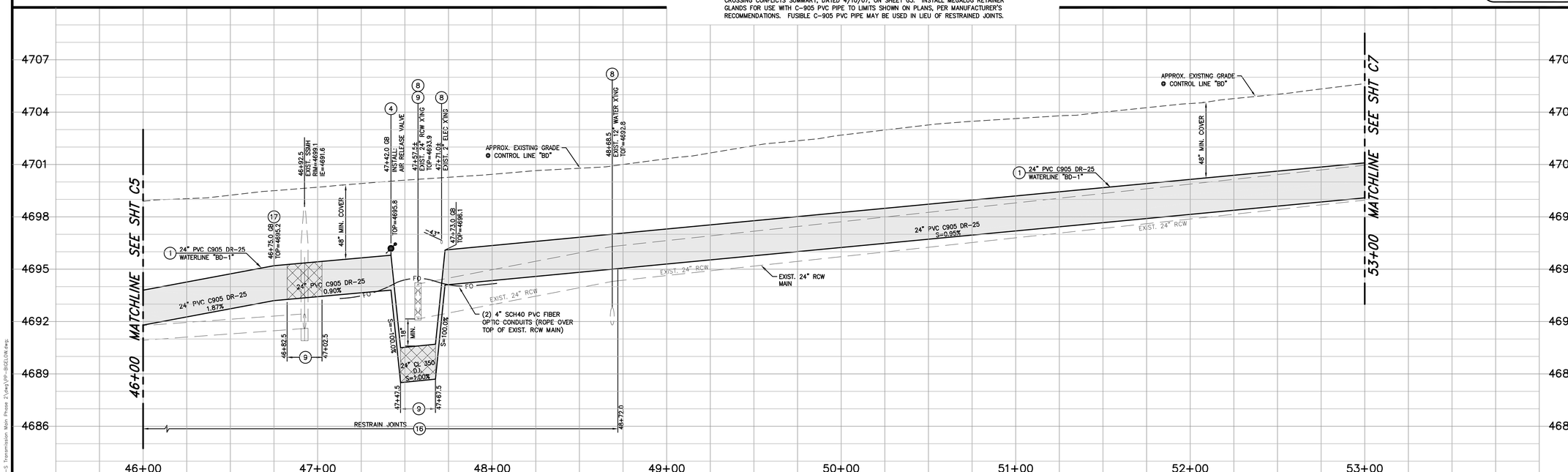


PROFILE – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-BIGELOW.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 11/22/10

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

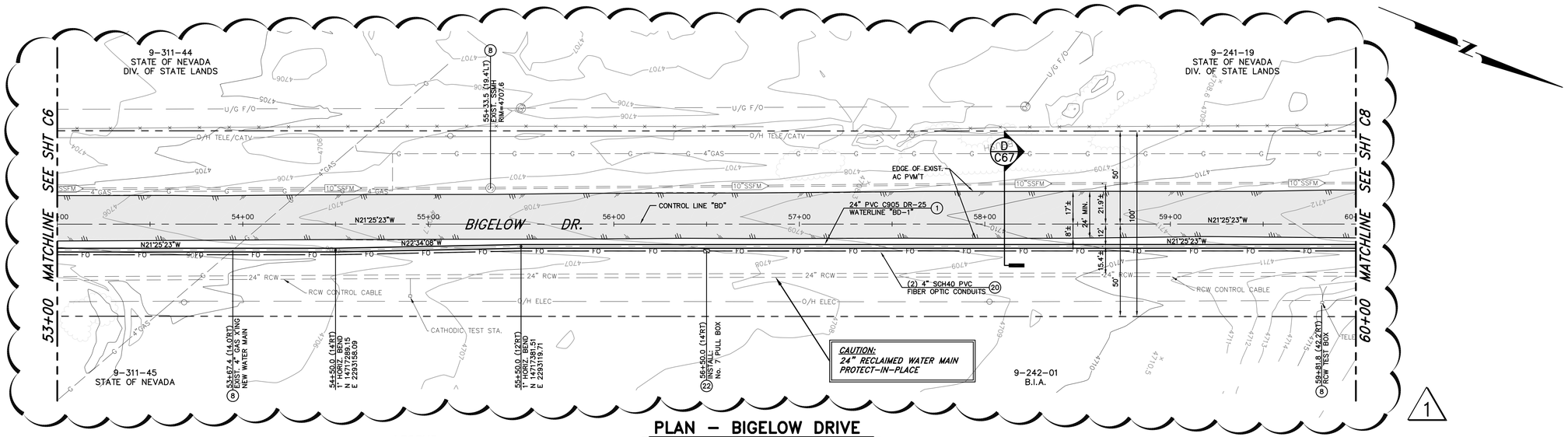
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
BIGELOW DRIVE
PLAN & PROFILE
STA 46+00 to STA 53+00

SHEET C6 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-BIGELOW.dwg



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
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20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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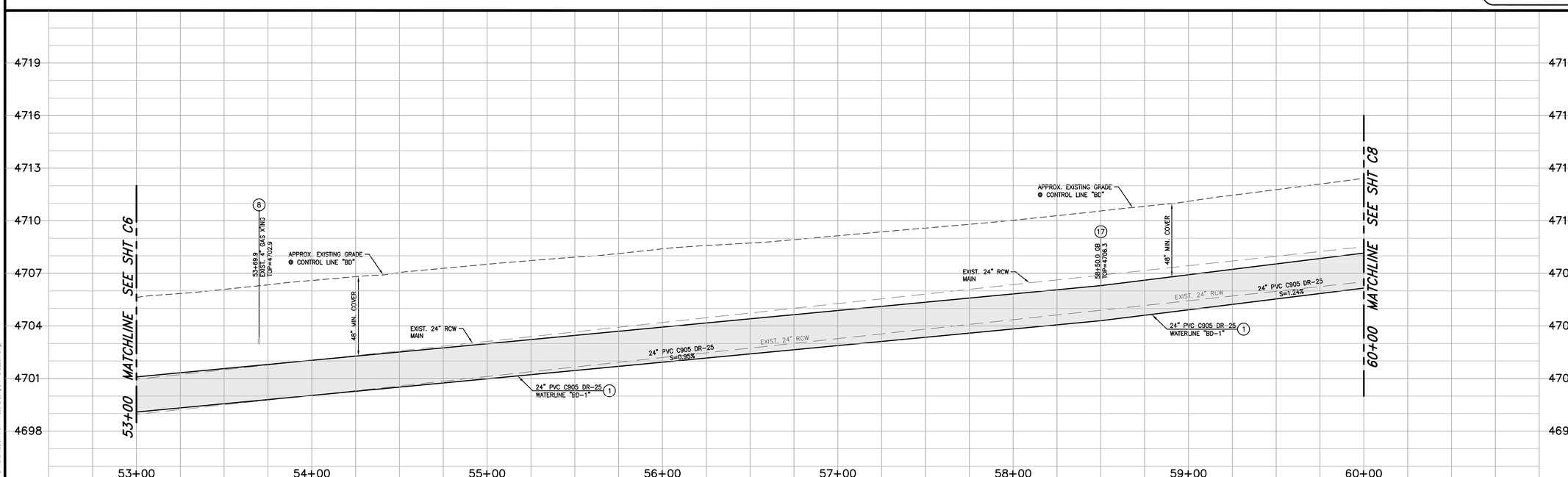


PROFILE – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-BIGELOW.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 11/22/10

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

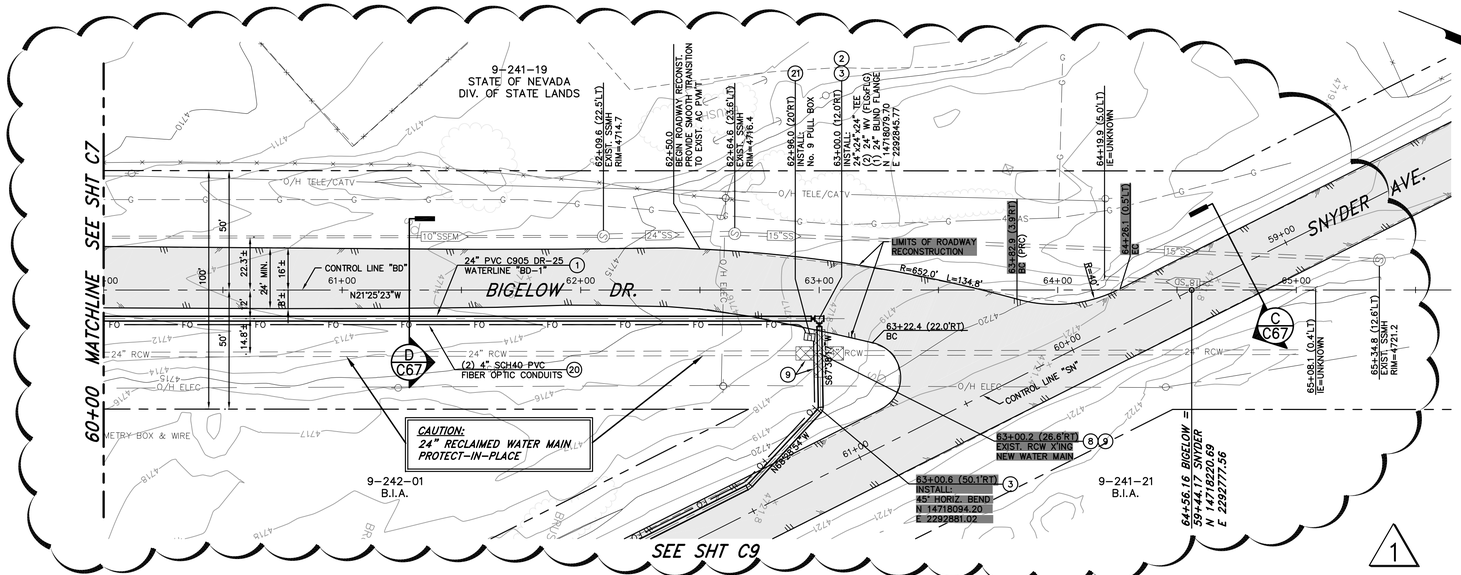
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
BIGELOW DRIVE
PLAN & PROFILE
STA 53+00 to STA 60+00

SHEET C7 OF 96

m:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-BIGELOW.dwg



CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

LEGEND:

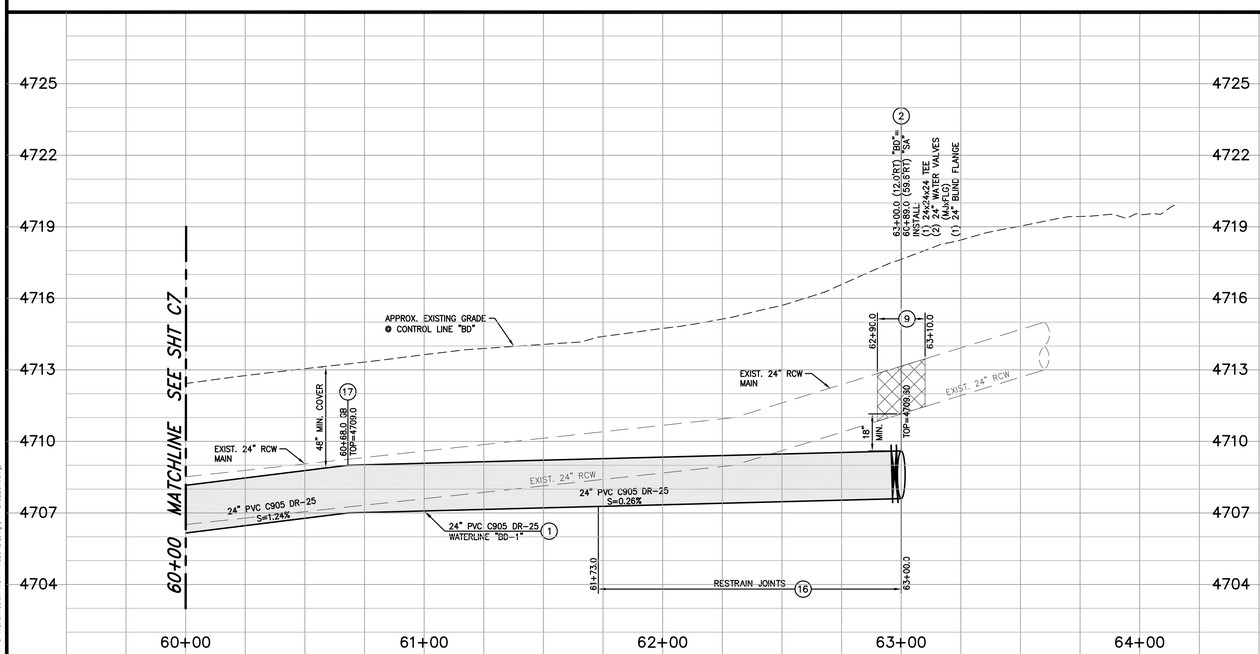
AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.

SCALE
HORIZ: 1" = 30'

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



PROFILE – BIGELOW DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: PP-BIGELOW.DWG
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 11/22/10

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

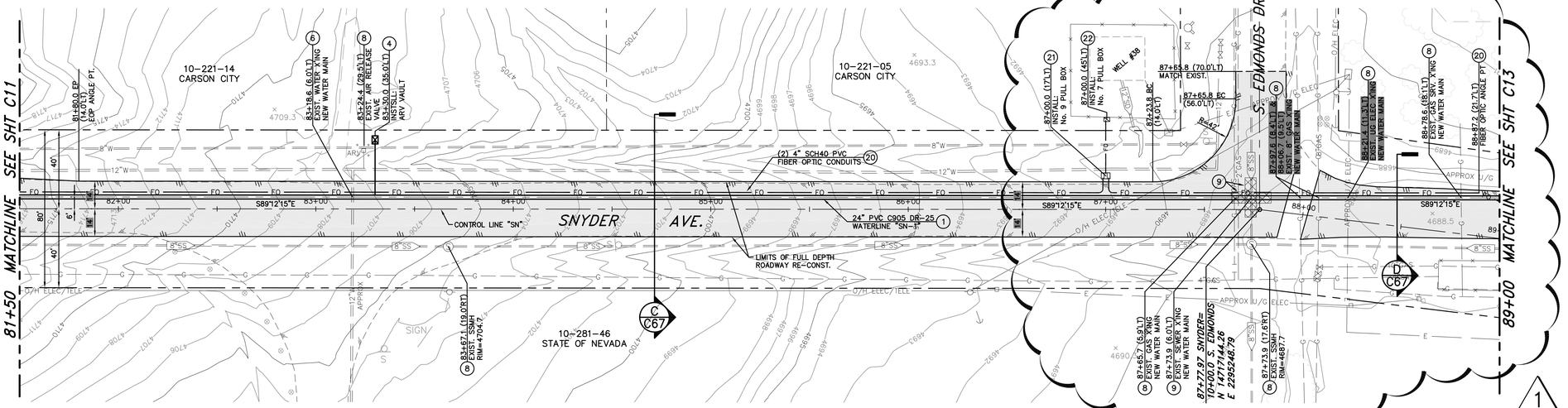
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
BIGELOW DRIVE
PLAN & PROFILE
STA 60+00 to STA 64+56.16

SHEET C8 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-BIGELOW.dwg



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – SNYDER AVENUE

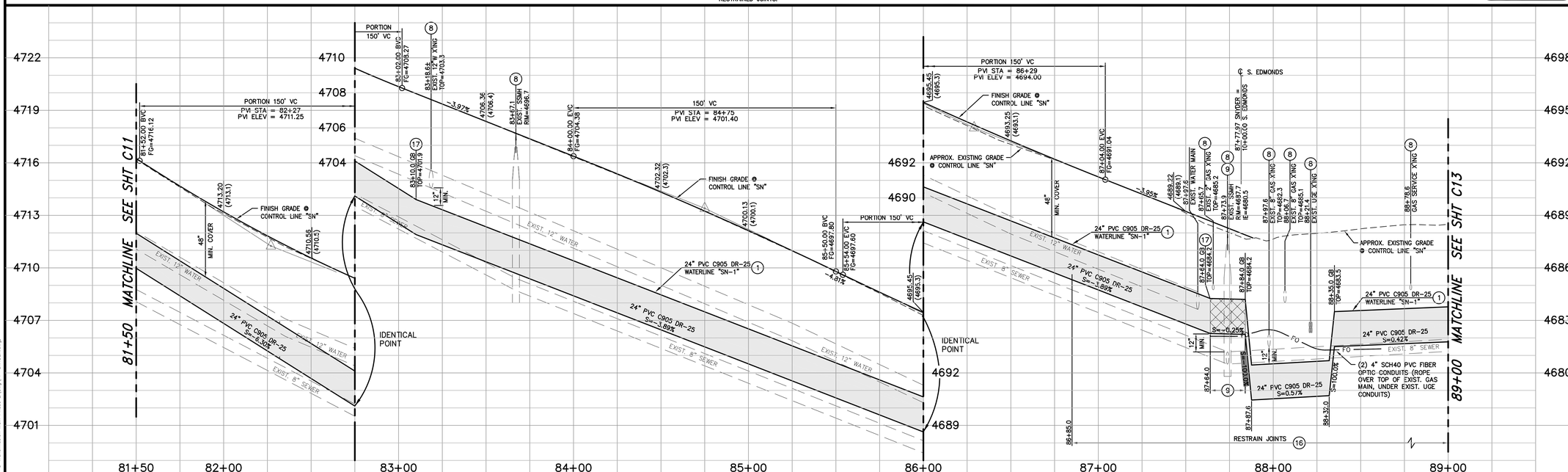
SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET C3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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



PROFILE – SNYDER AVENUE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	PP-SNYDER.DWG
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

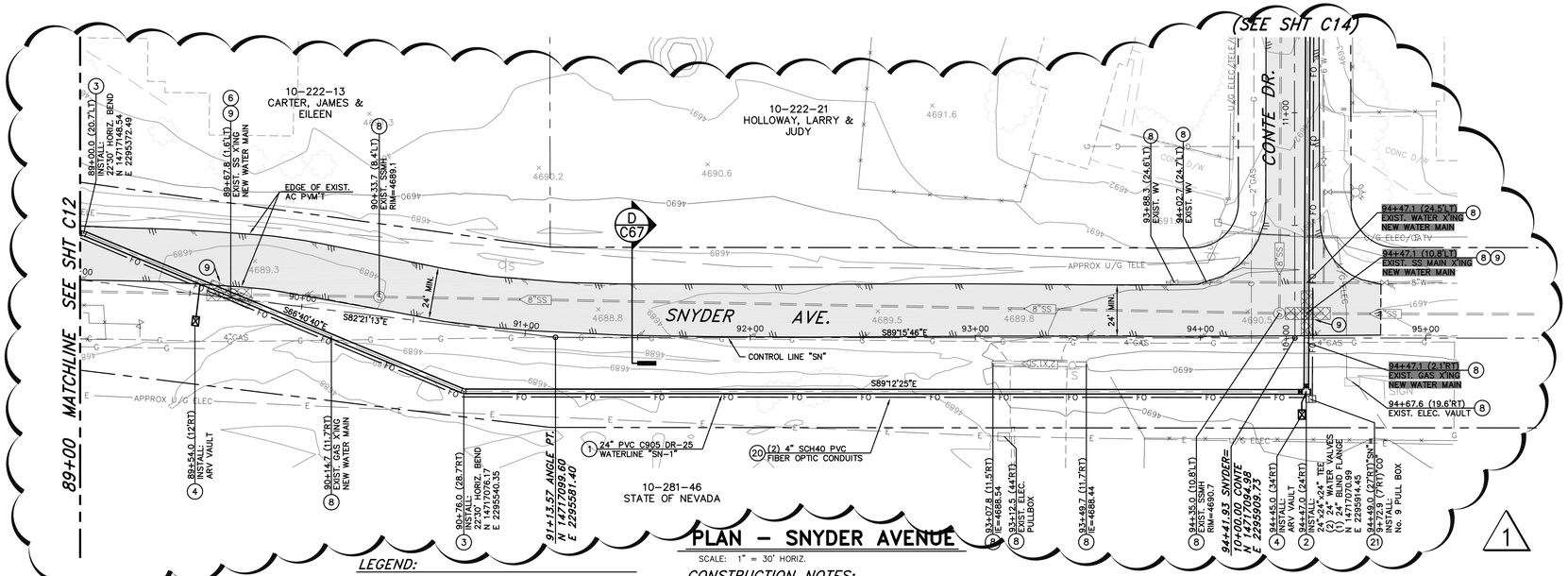
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SNYDER AVENUE
PLAN & PROFILE
STA 81+50 to STA 89+00

SHEET C12 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-SNYDER.dwg



PLAN – SNYDER AVENUE

SCALE: 1" = 30' HORIZ.

LEGEND:

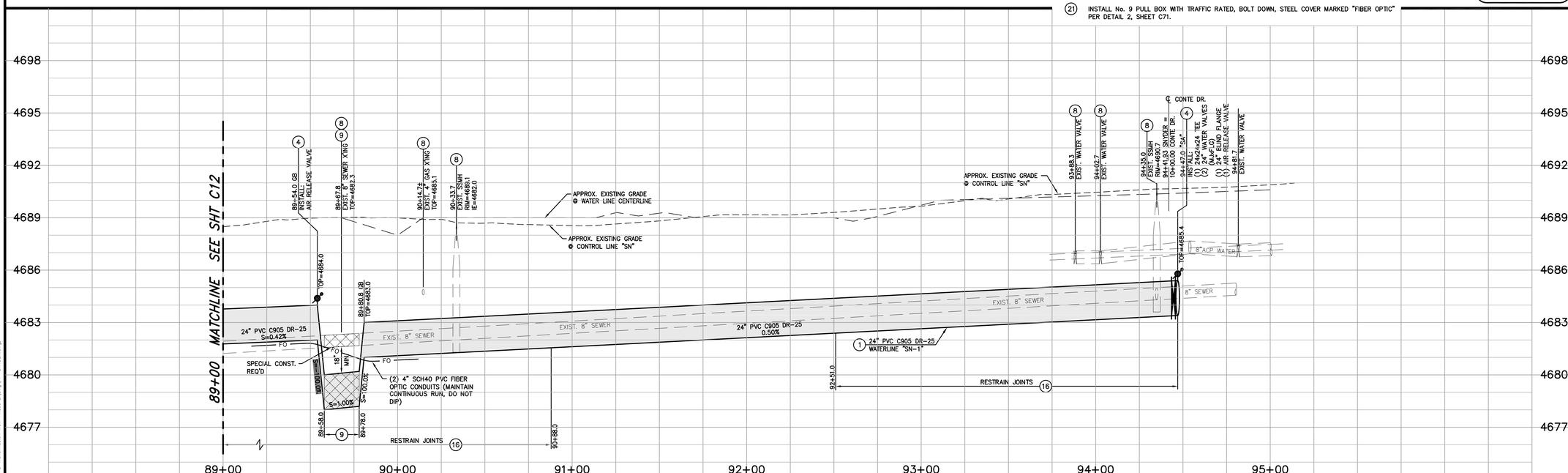
AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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



PROFILE – SNYDER AVENUE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	PP-SNYDER.DWG
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

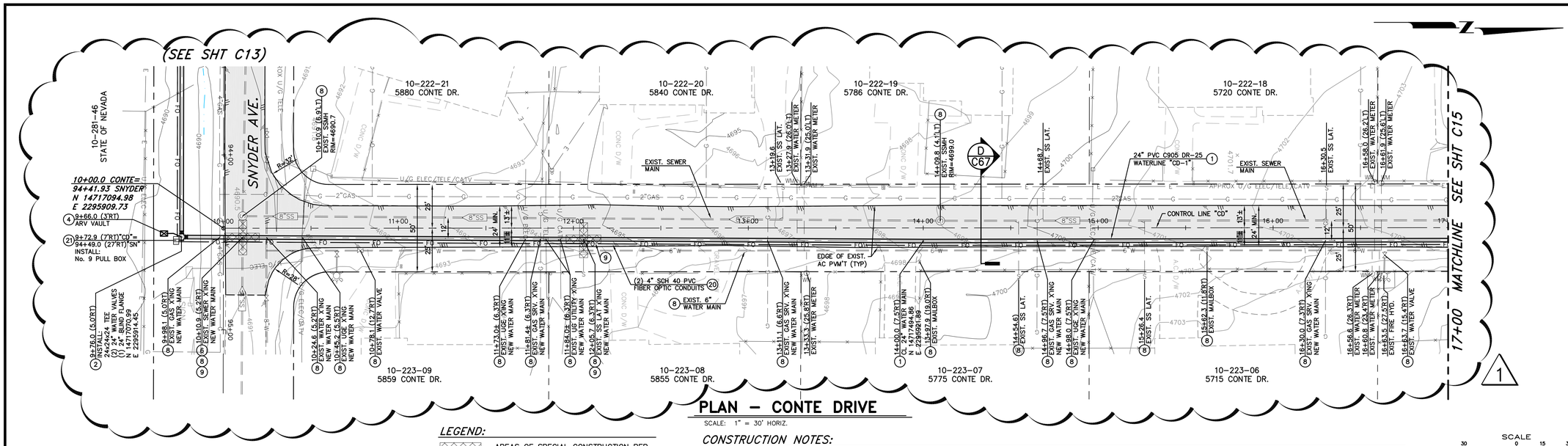
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SNYDER AVENUE
PLAN & PROFILE
STA 88+50 to STA 95+00

SHEET C13 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-SNYDER.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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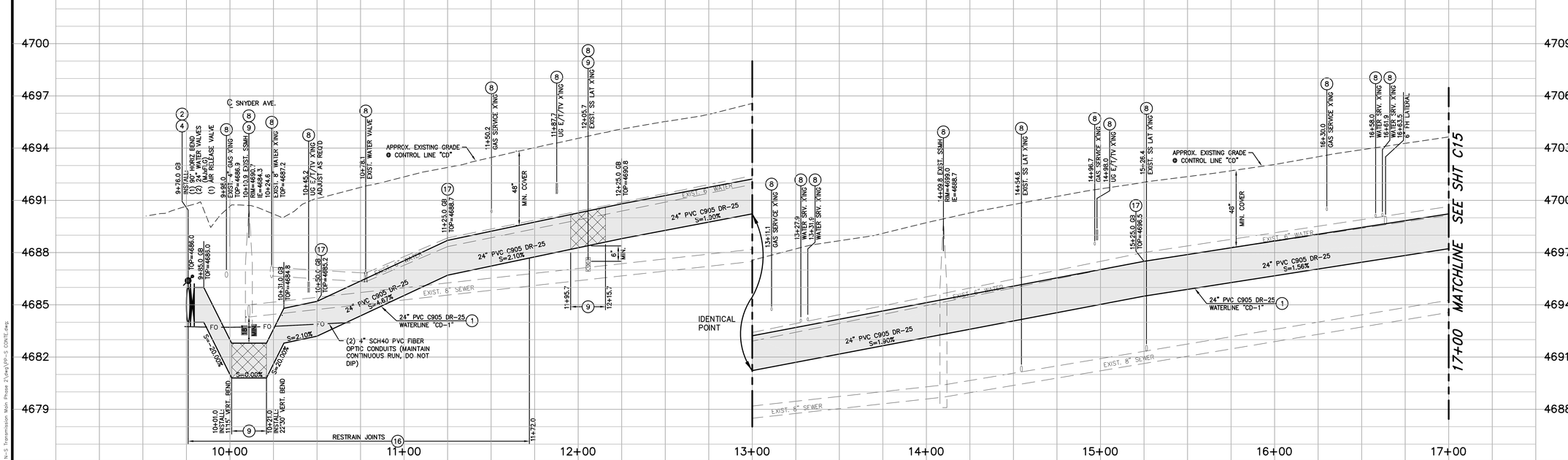
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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



PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

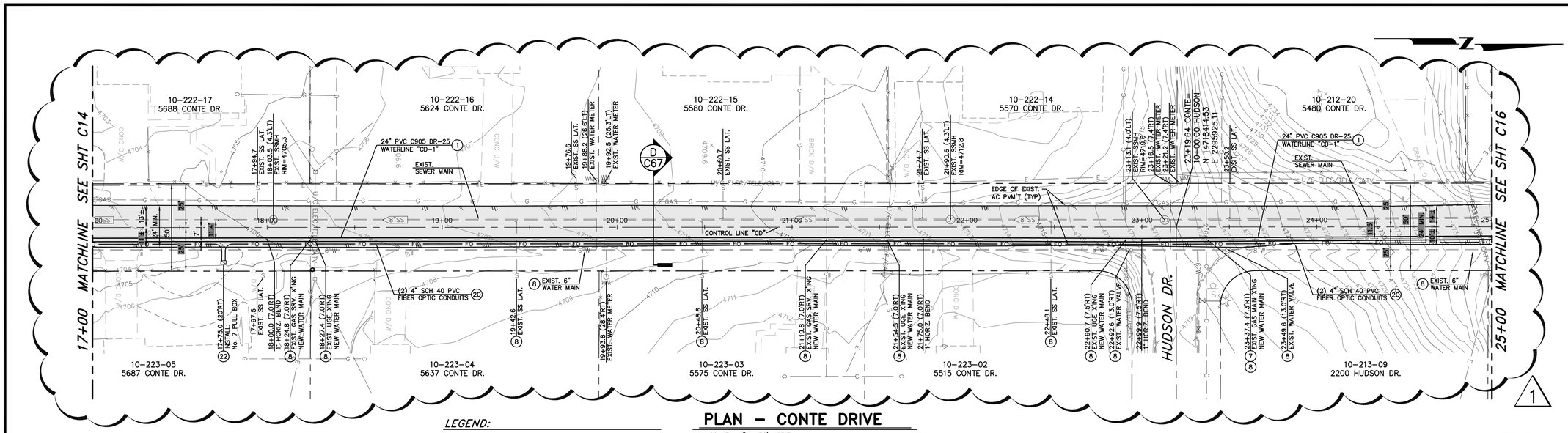
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 10+00 to STA 17+00

SHEET C14 OF 96



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
30 0 15 30
HORIZ: 1" = 30'

Call before you Dig
Avoid cutting underground utility lines. It's costly.
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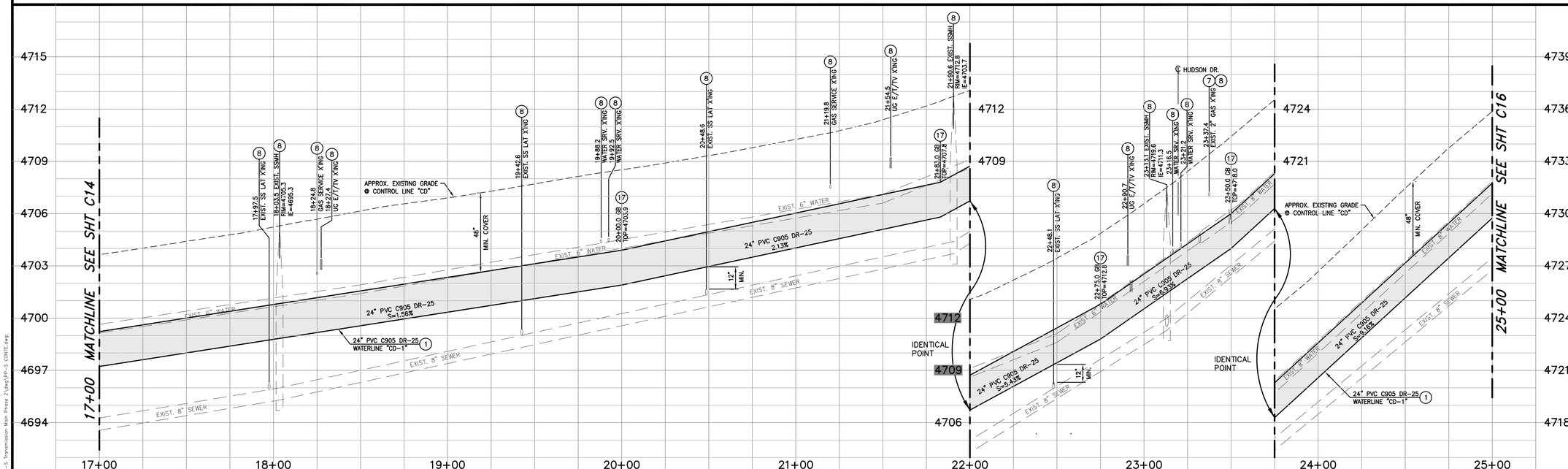


PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

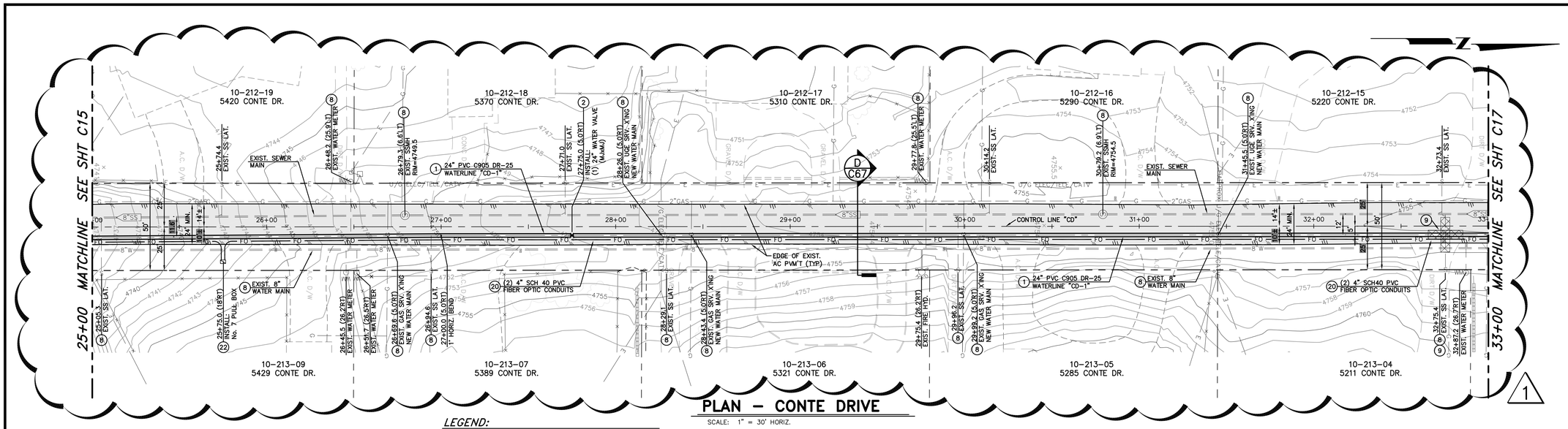
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 17+00 to STA 25+00

SHEET C15 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

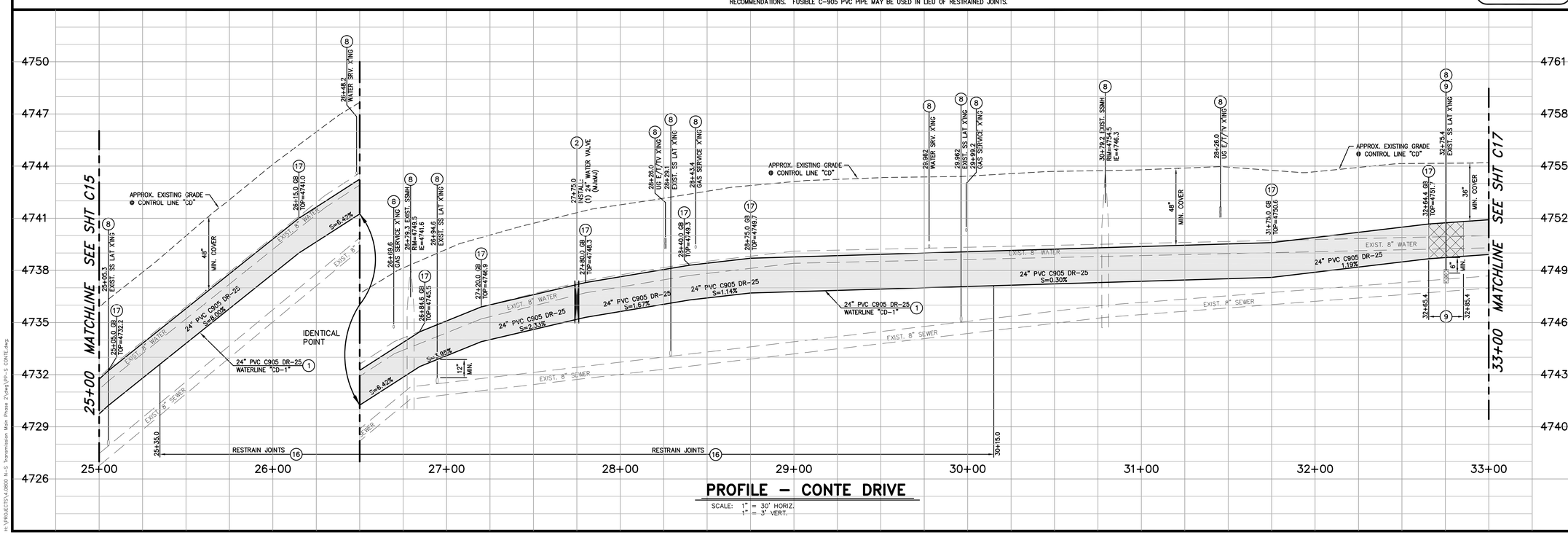
AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURER'S RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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



PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-s conte.dwg
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/15/11

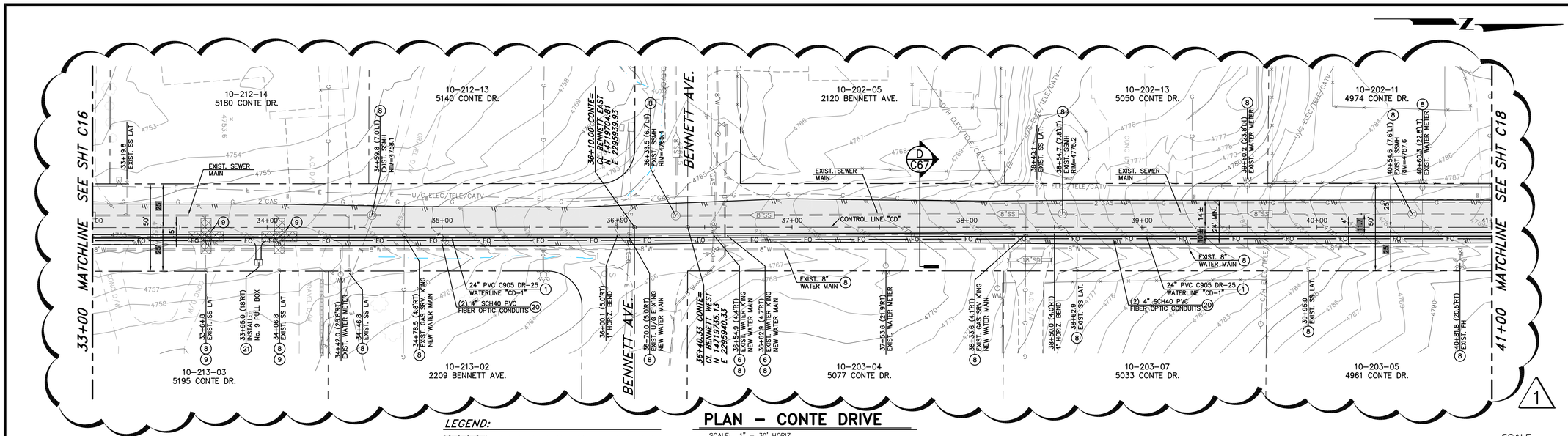
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUNN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 25+00 to STA 33+00

SHEET
C16
OF
96



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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OR
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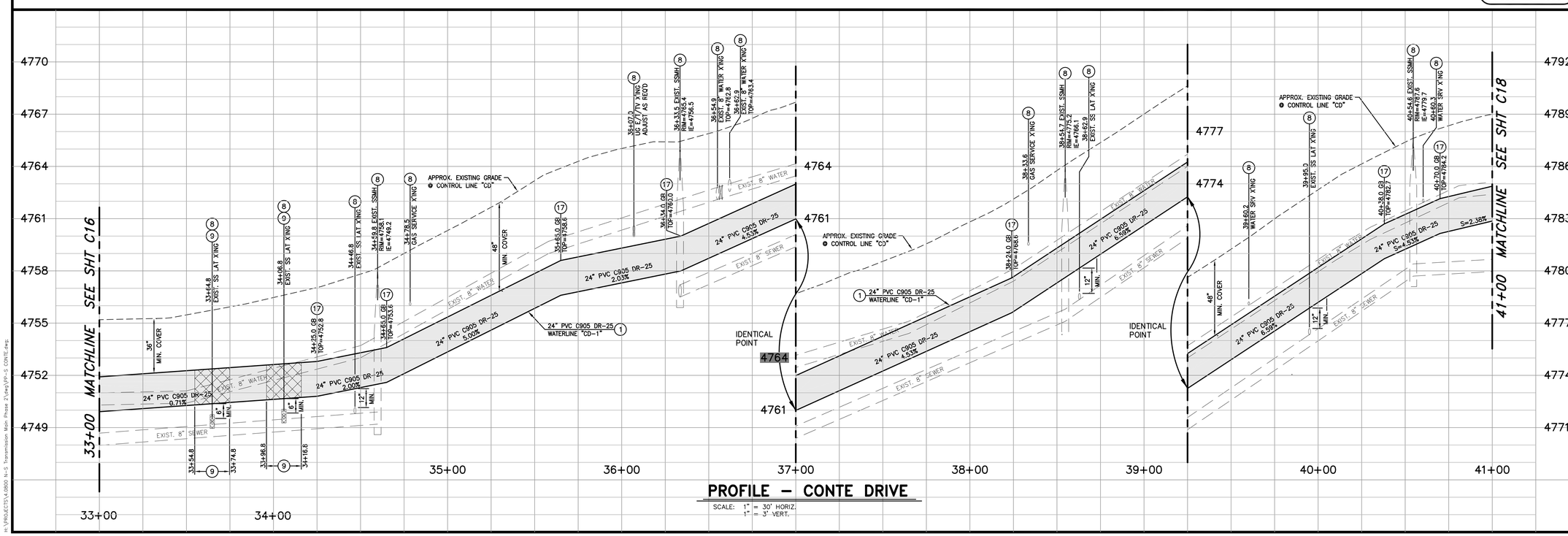


PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-s conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

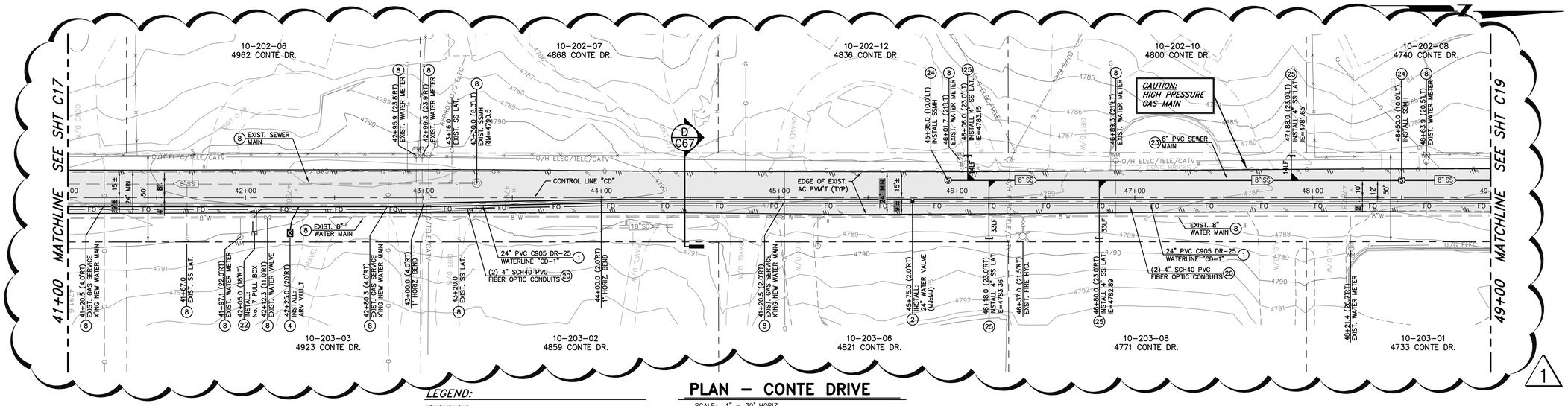
CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 33+00 to STA 41+00

SHEET C17 OF 96



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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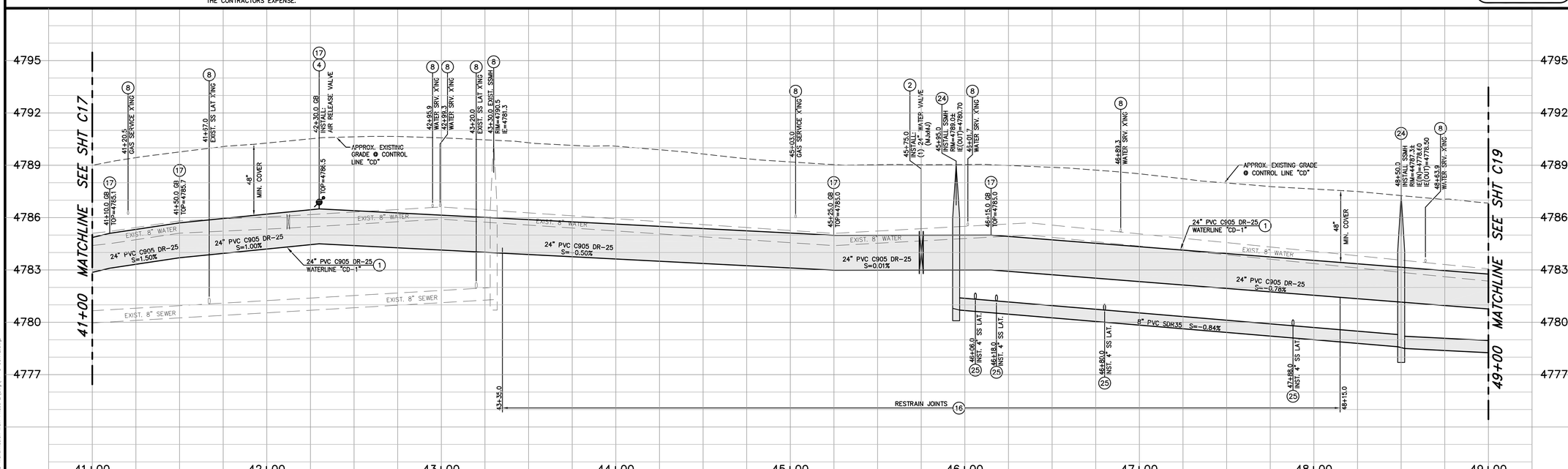

PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-s conte.dwg
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
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PH: 887-2355 FAX: 887-2112

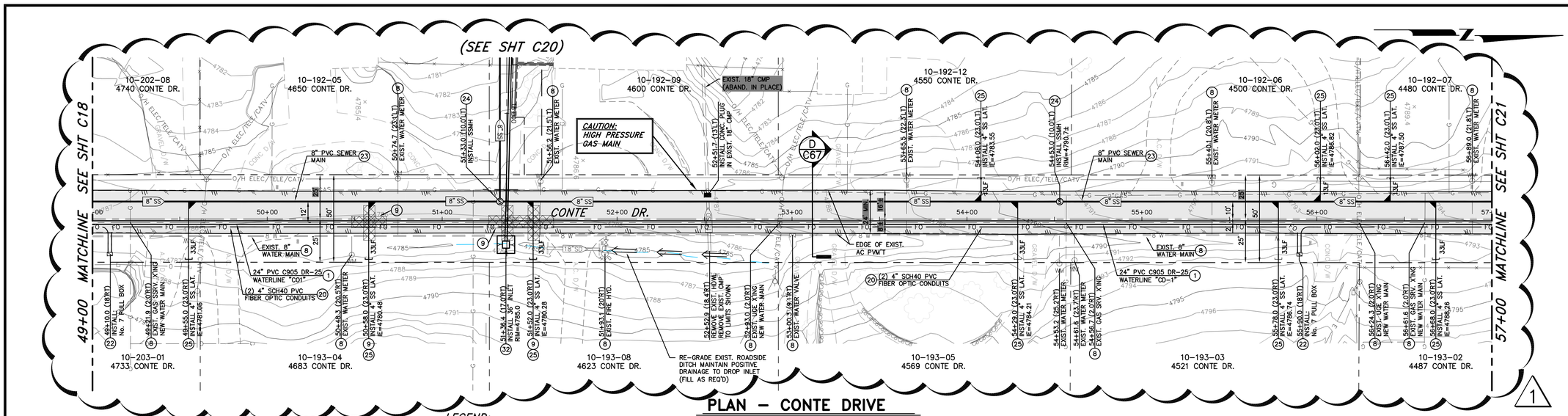
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 41+00 to STA 49+00

SHEET C18 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.

SCALE
HORIZ: 1" = 30'

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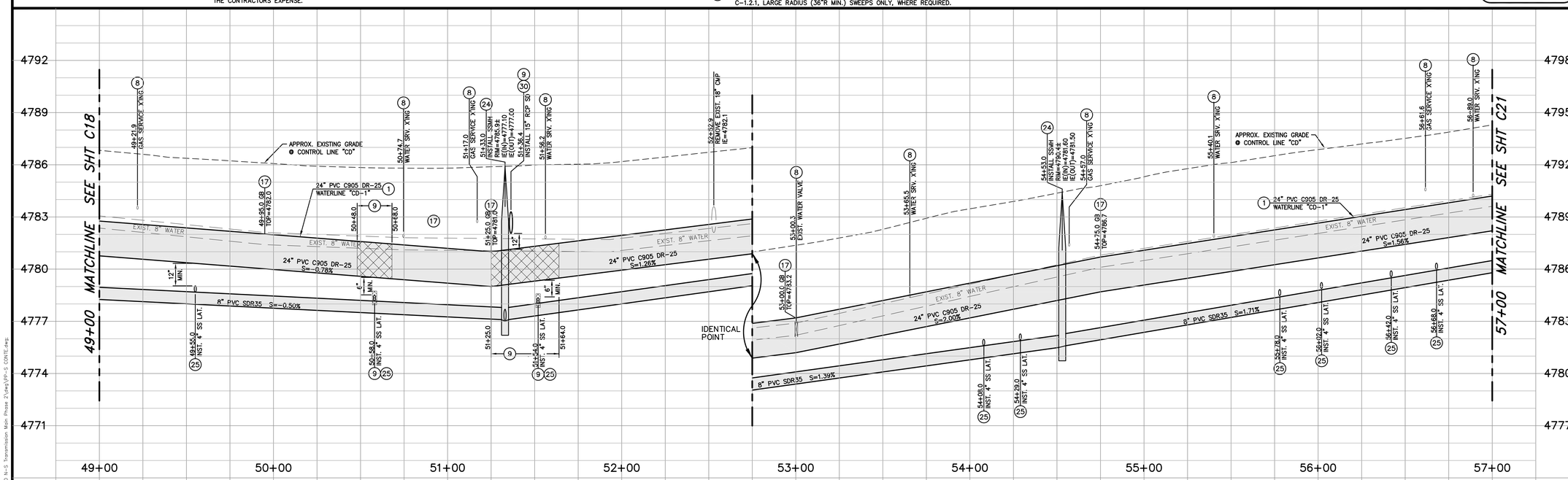


PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-s conte.dwg
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

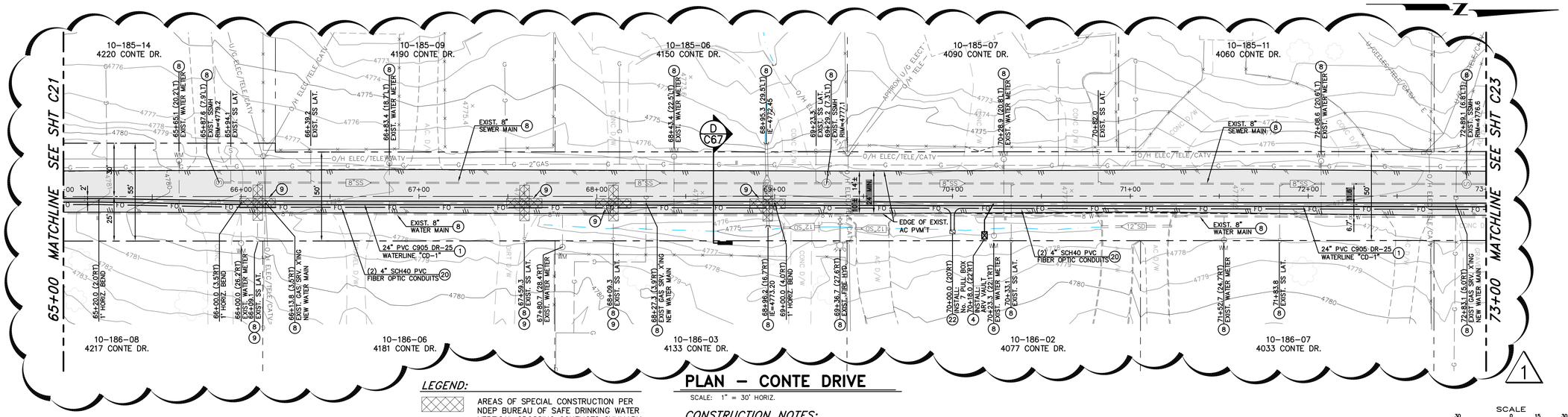
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUNN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 49+00 to STA 57+00

SHEET C19 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.

SCALE
HORIZ: 1" = 30'

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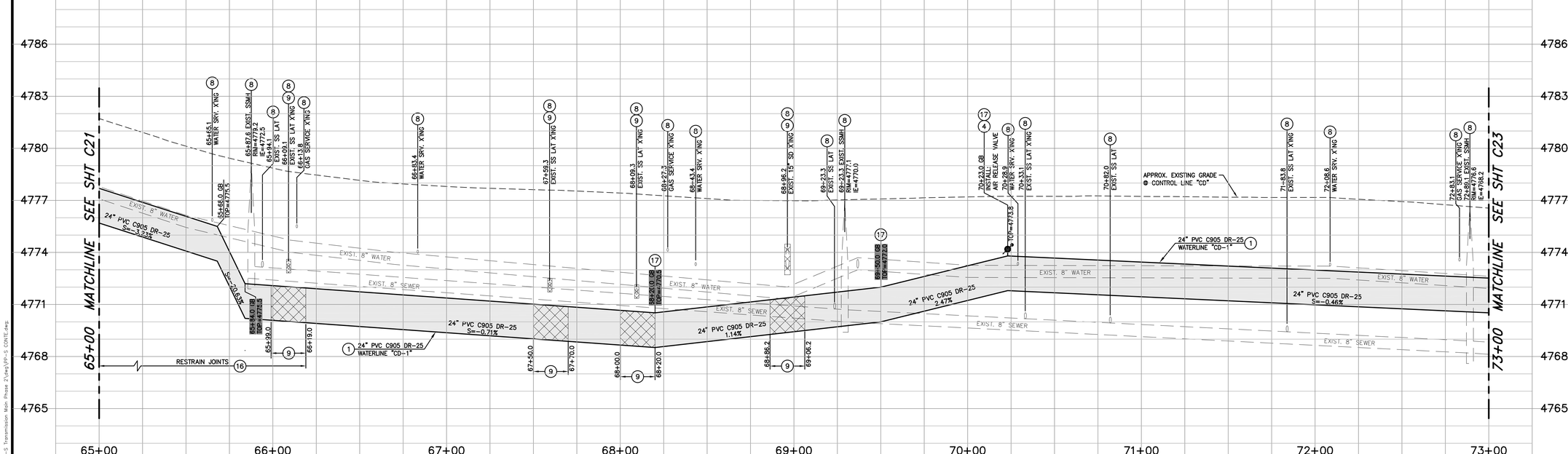

PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-s conte.dwg
SCALE (HORIZ):	1"=30'
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PLOT DATE:	3/15/11

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3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

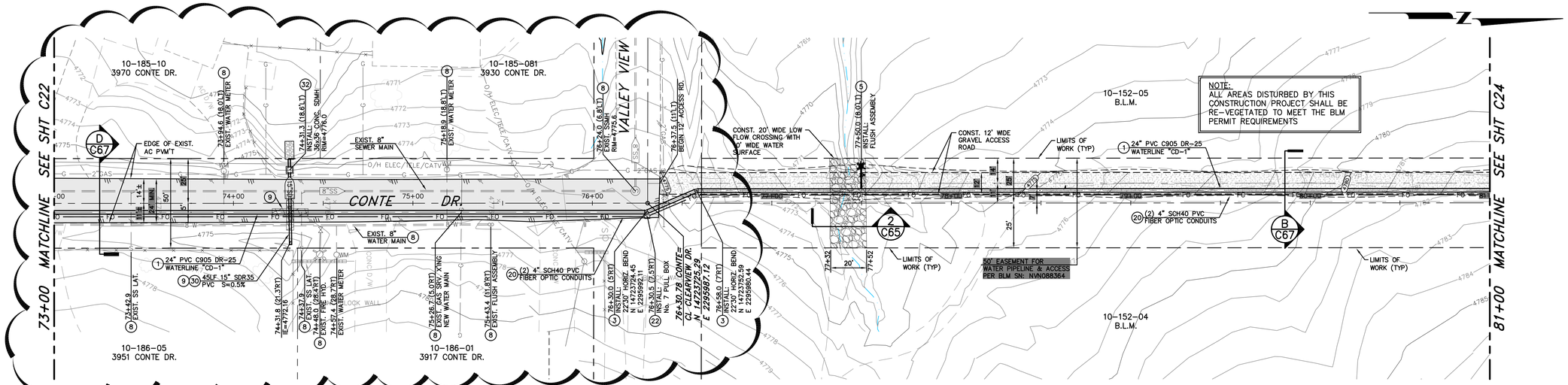
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 65+00 to STA 73+00

SHEET C22 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

REFERENCE SHEET C47 FOR STORM DRAIN PLAN & PROFILE.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURER'S RECOMMENDATIONS.
5. INSTALL FLUSH ASSEMBLY PER DETAIL 3, SHEET C63.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
30. INSTALL STORM DRAIN PIPE PER STD DRAWING C-1.2.1, (SIZE AND CLASS PER PLAN)
32. INSTALL 36"x36" PRE-CAST CONCRETE DROP INLET WITH TRAFFIC RATED PEDESTRIAN FRAME & GRATE PER DETAIL 5, SHEET C65.

SCALE
HORIZ: 1" = 30'

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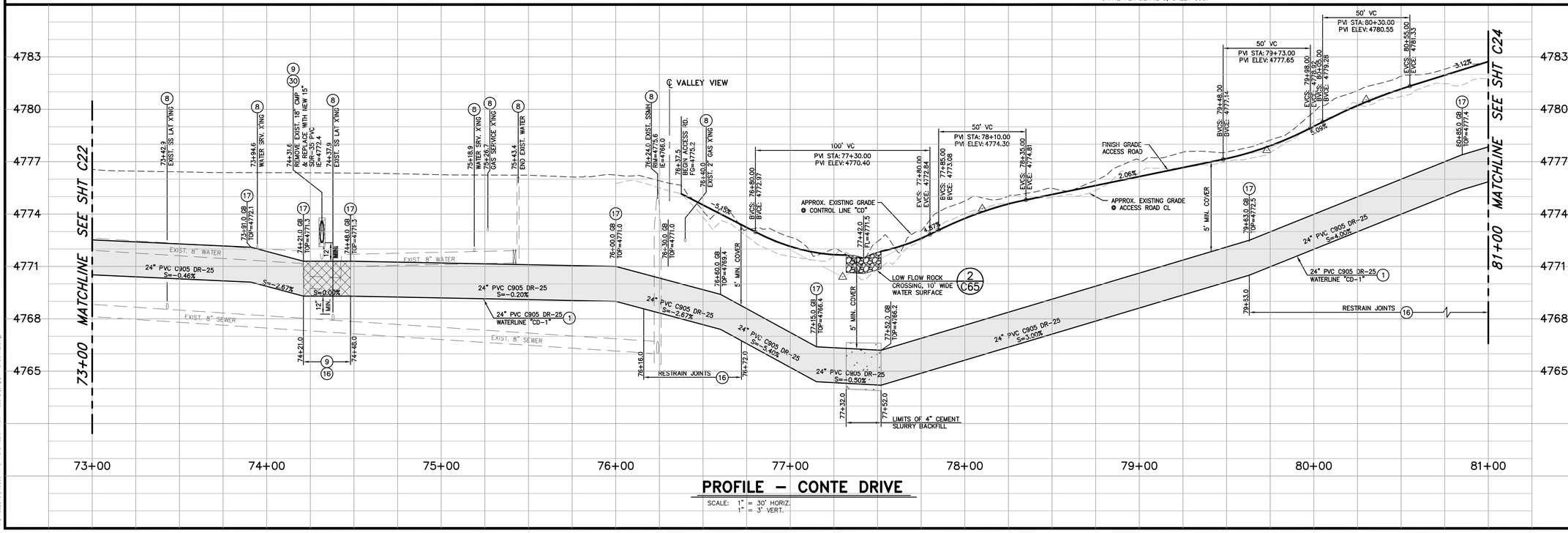

PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-s conte.dwg
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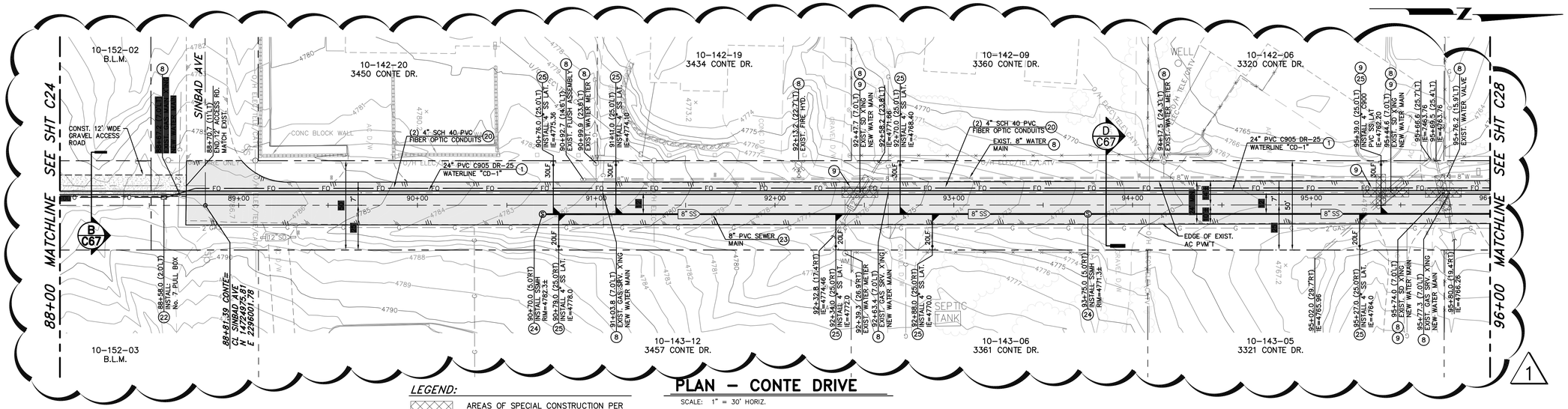
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 73+00 to STA 81+00

SHEET C23 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-S CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

SEWER NOTE:

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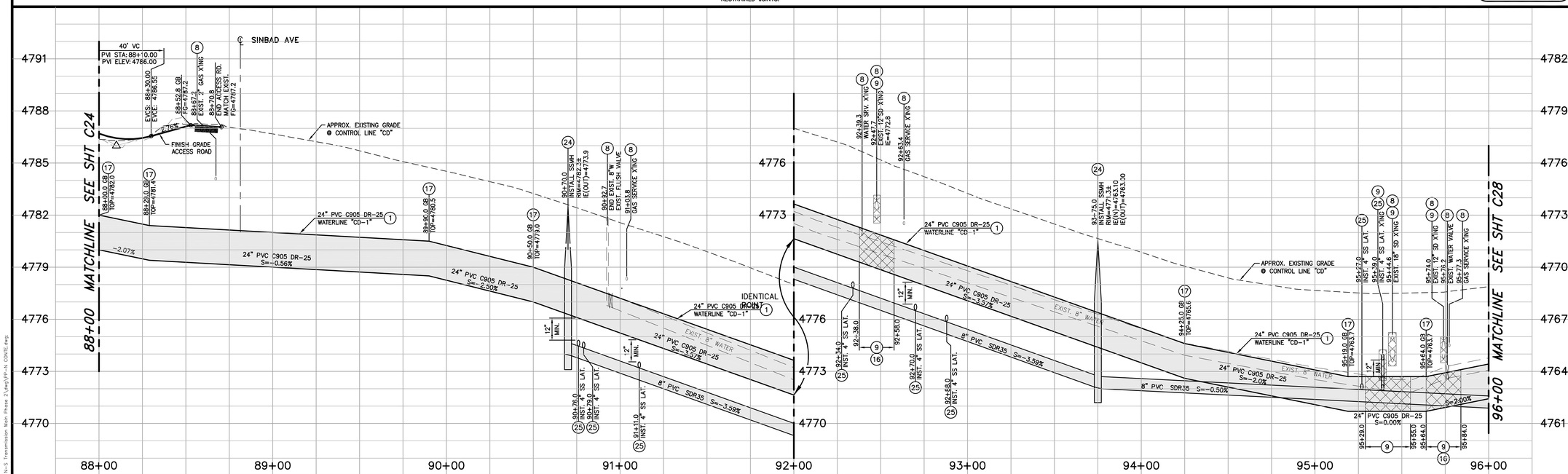

PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 88+00 to STA 96+00

SHEET C27 OF 96

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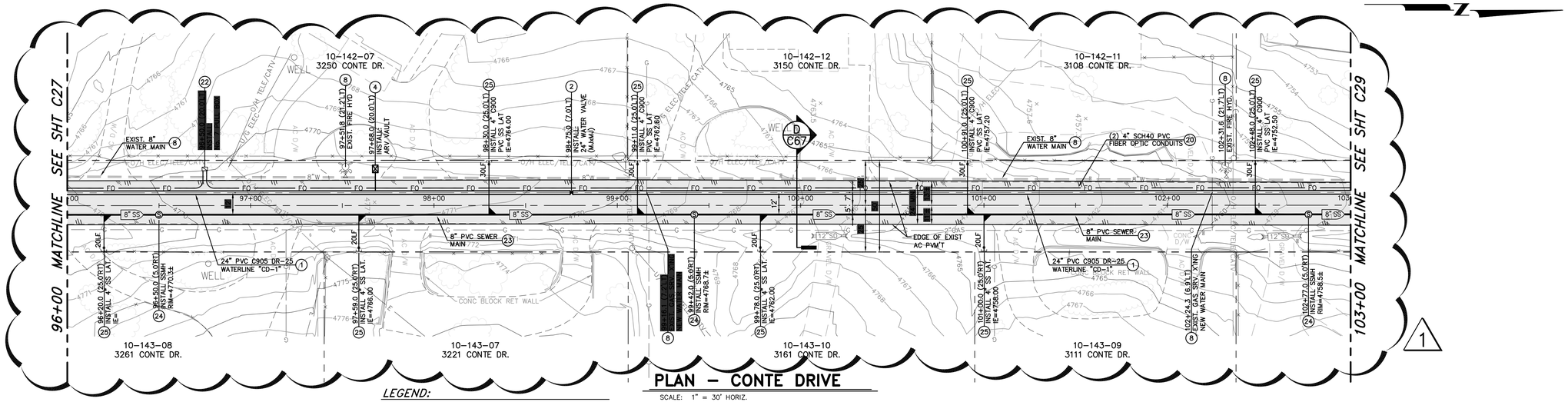

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL 24" BUTTERFLY VALVE PER DETAIL 1, SHEET C61, WITH NUT EXTENDER TO EXTEND TOP OF NUT TO BETWEEN 18" TO 24" FROM TOP OF VALVE BOX.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

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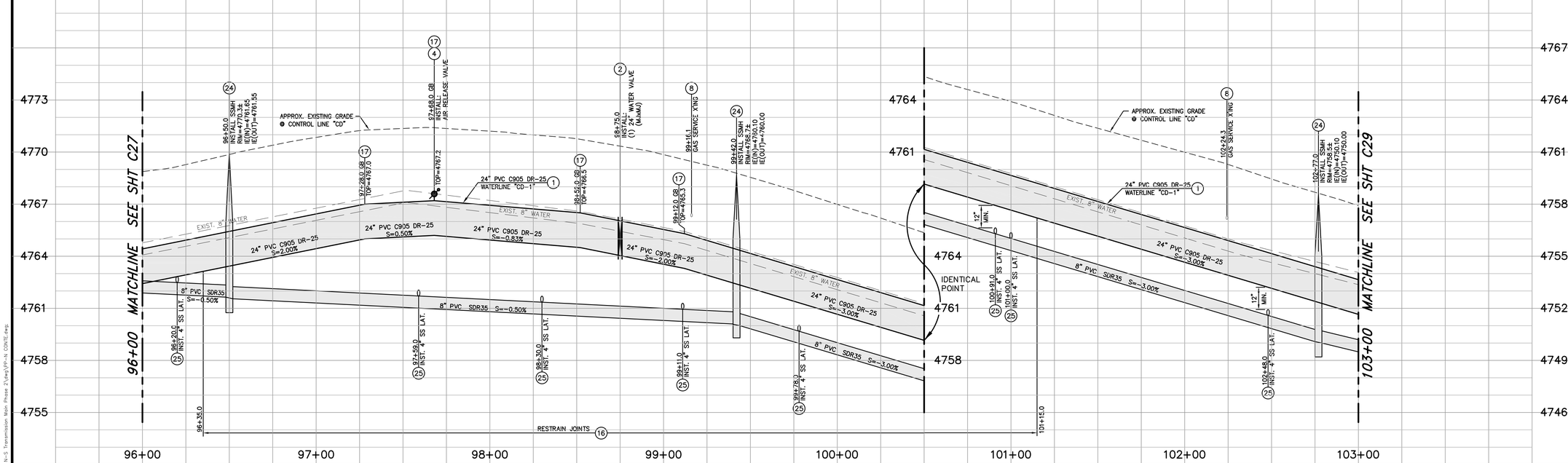

PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n conte.dwg
SCALE (HORIZ): 1"=30'
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PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
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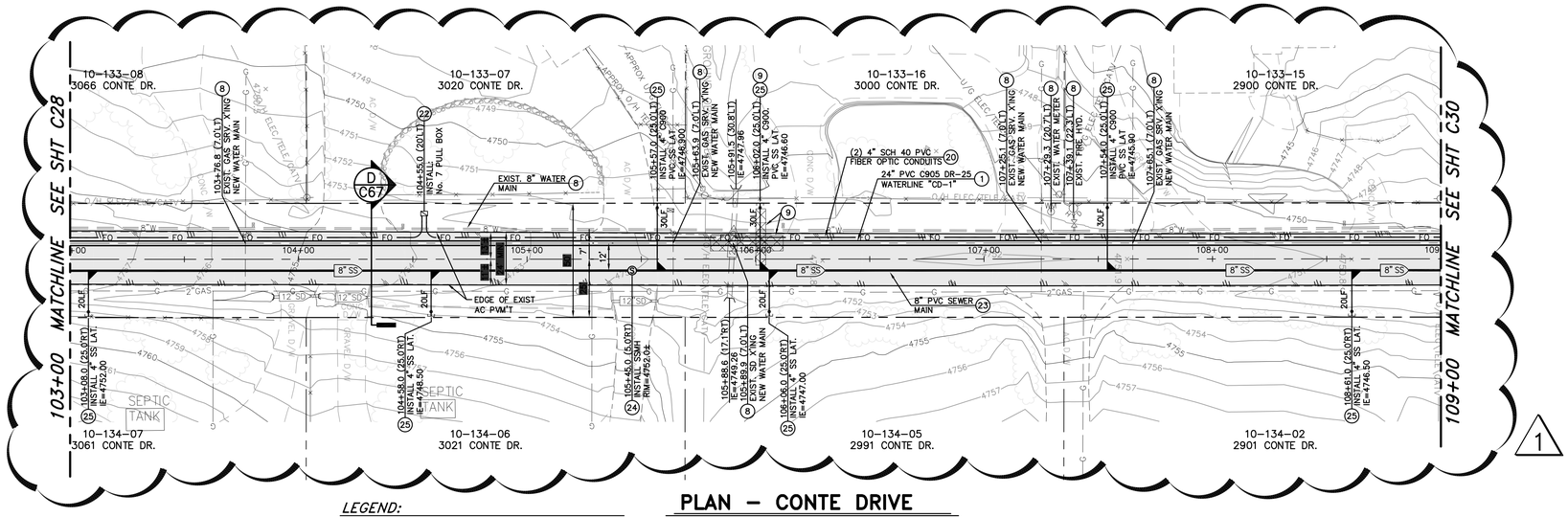
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 96+00 to STA 103+00

SHEET C28 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-n CONTE.dwg



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
HORIZ: 1" = 30'

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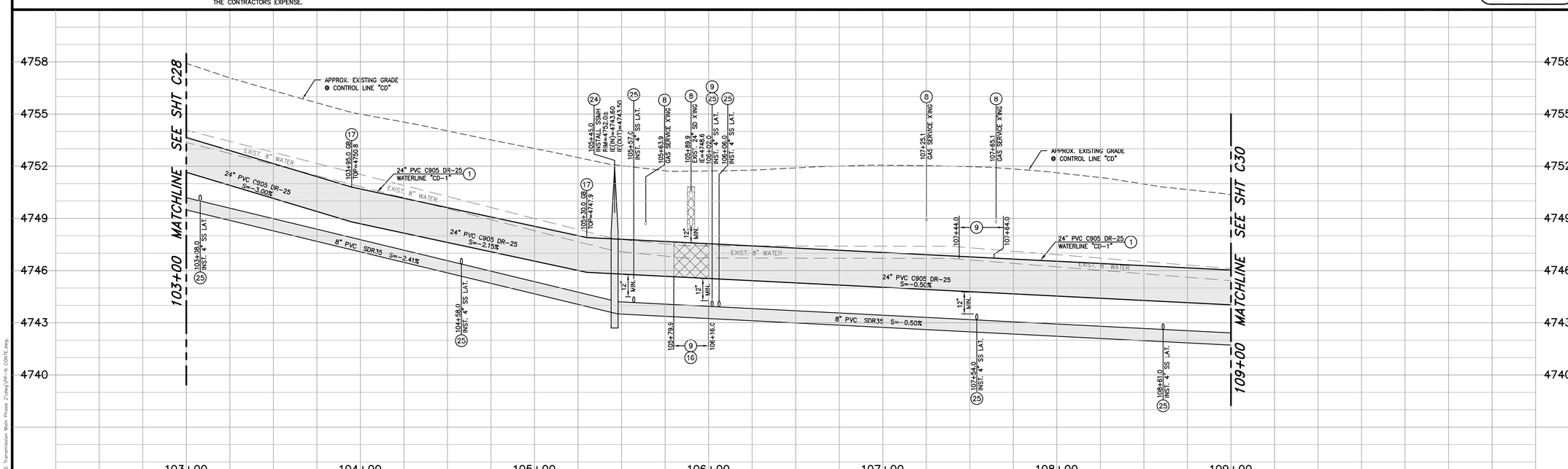

PROFILE – CONTE DRIVE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
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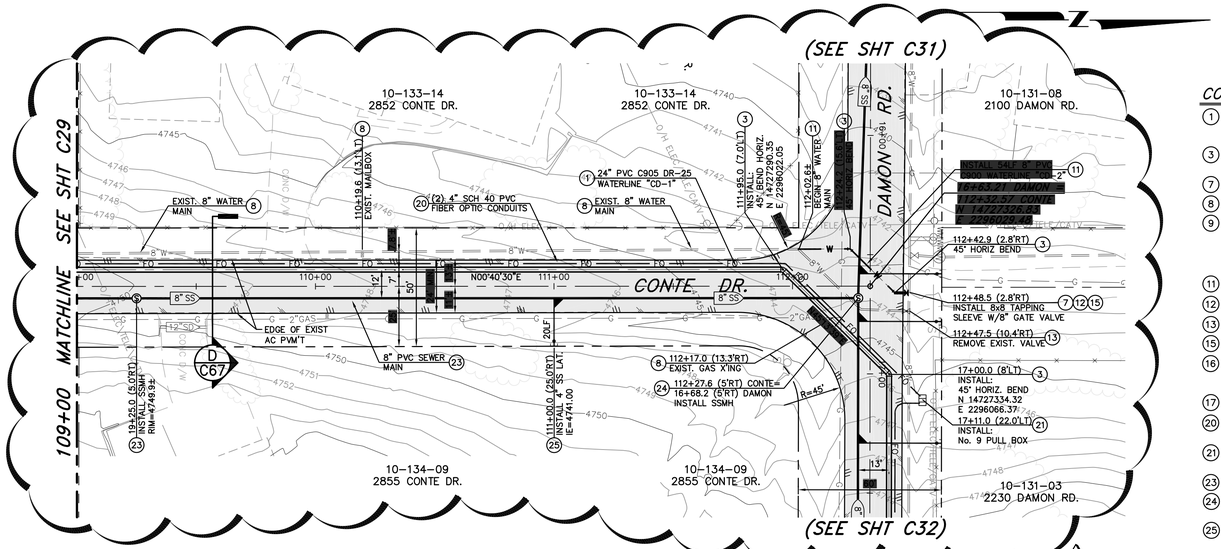
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 103+00 to STA 109+00

SHEET C29 OF 96

in:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-N CONTE.dwg



PLAN – CONTE DRIVE

SCALE: 1" = 30' HORIZ.

1

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES:

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3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
11. INSTALL PVC C900 CLASS 150 WATER MAIN PER STD. DRAWING C-1.2.1 (SIZE PER PLAN)
12. INSTALL TAPPING SLEEVE PER STD. DRAWINGS C-3.1.1 & C-3.1.3 (SIZE PER PLAN)
13. REMOVE EXISTING 8" WATER VALVE, INSTALL BLIND FLANGE.
15. INSTALL WATER VALVE PER STD. DRAWING C-3.1.4.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
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21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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OR
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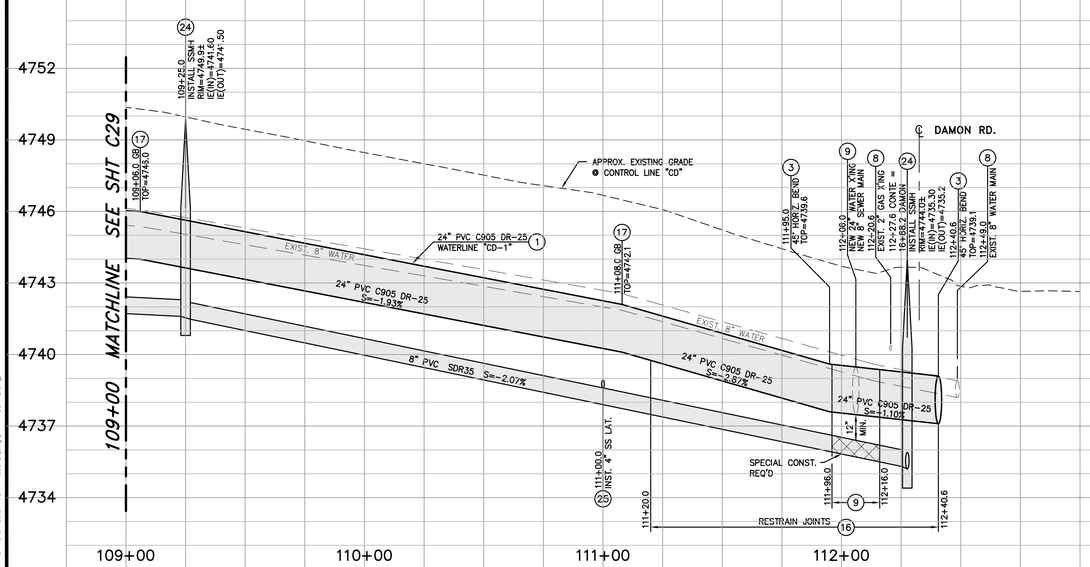
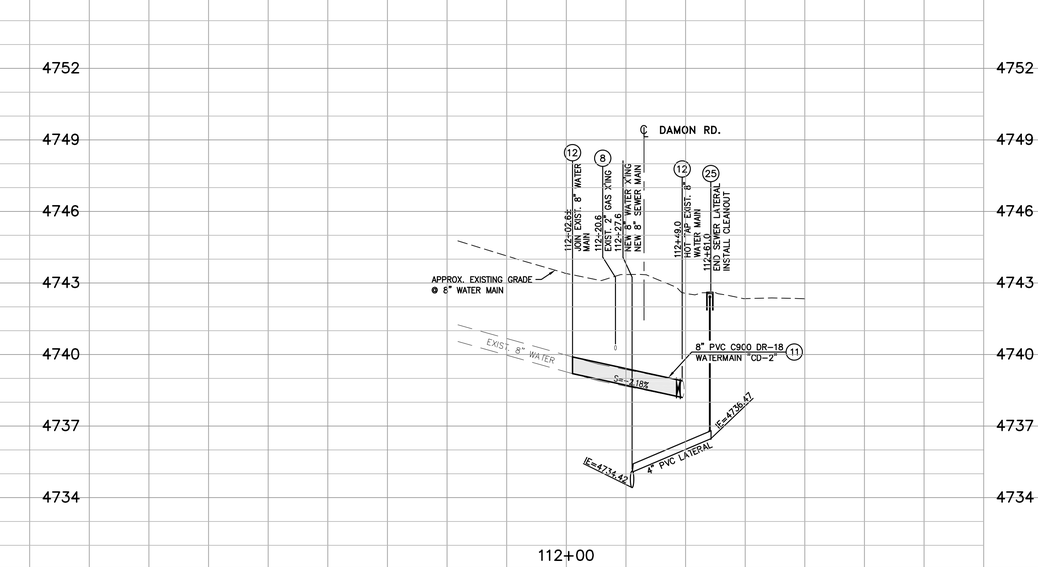


PROFILE – CONTE DR.

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.



PROFILE – 8" WATERMAIN "CD-2"

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY:	DGR
DRAWN BY:	DGR/DLO
CHECKED BY:	TLG
DWG NO.:	pp-n conte.dwg
SCALE (HORIZ):	1"=30'
SCALE (VERT):	1"=3'
PLOT DATE:	3/15/11

CARSON CITY
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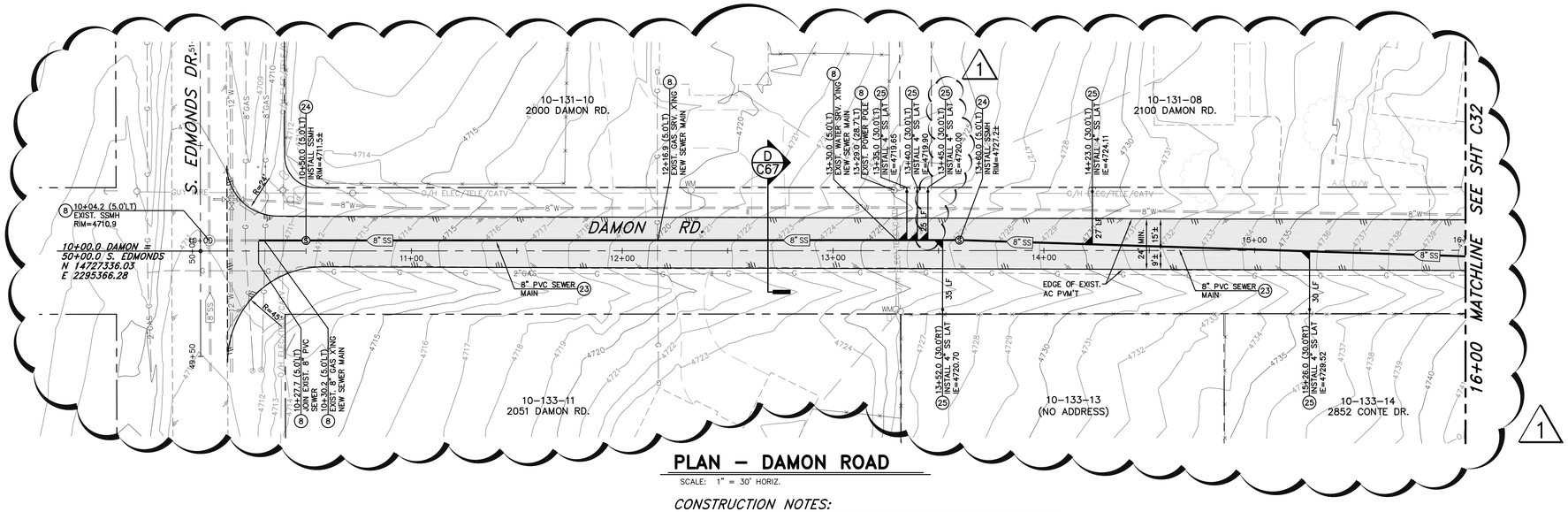
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON QUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
CONTE DRIVE
PLAN & PROFILE
STA 109+00 to STA 112+50

SHEET C30 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-n CONTE.dwg



PLAN – DAMON ROAD

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

(8) PROTECT-IN-PLACE

(23) INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1

(24) INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.

(25) INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

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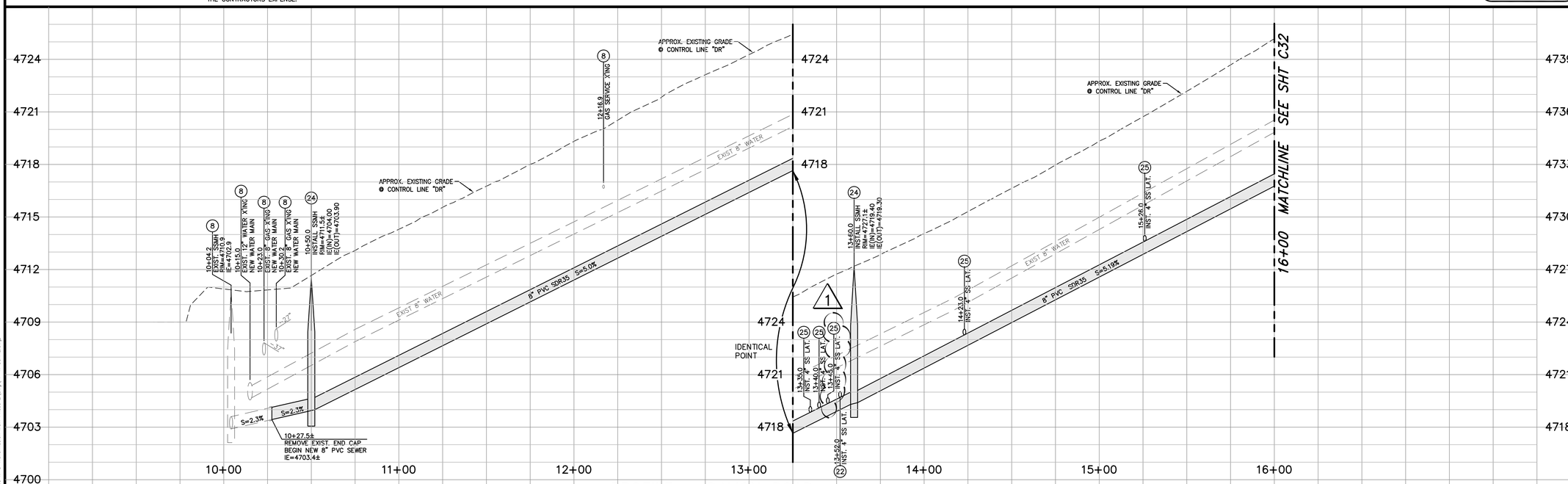

PROFILE – DAMON ROAD

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

SCALE
HORIZ: 1" = 30'

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CHECKED BY: TLG
DWG NO.: pp-n. conte.dwg
SCALE (HORIZ): 1"=30'
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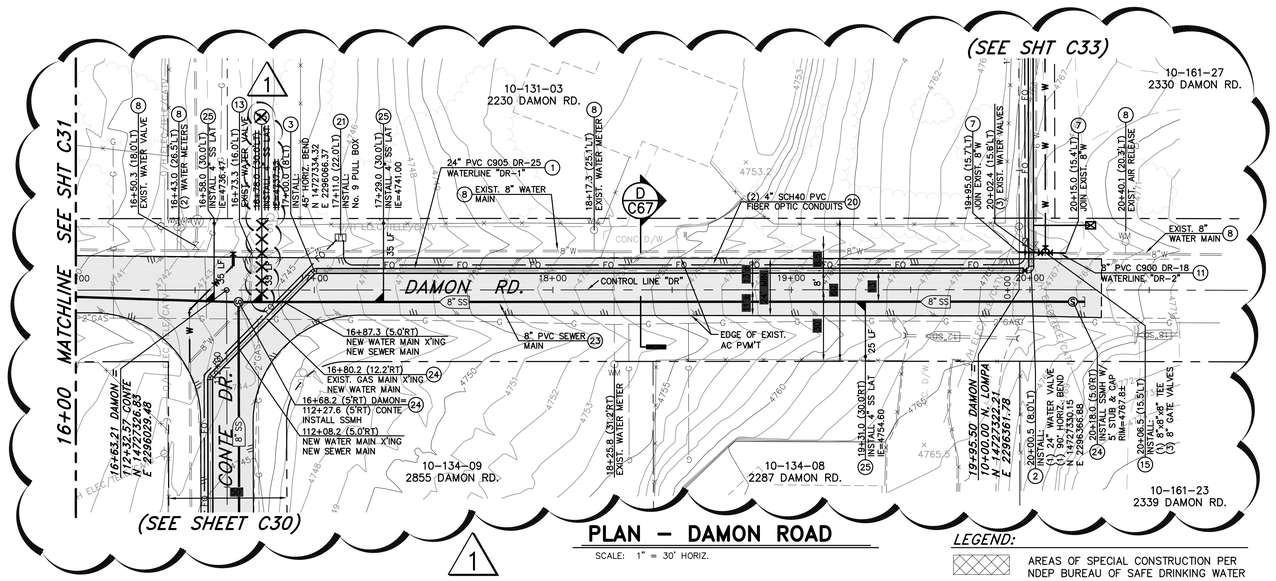
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED PAVING LIMITS, ADDED SS LAT	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
DAMON ROAD
PLAN & PROFILE
STA 10+00 to STA 16+00

SHEET C31 OF 96



PLAN – DAMON ROAD

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LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SCALE 30 0 15 30
HORIZ: 1" = 30'

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

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OR
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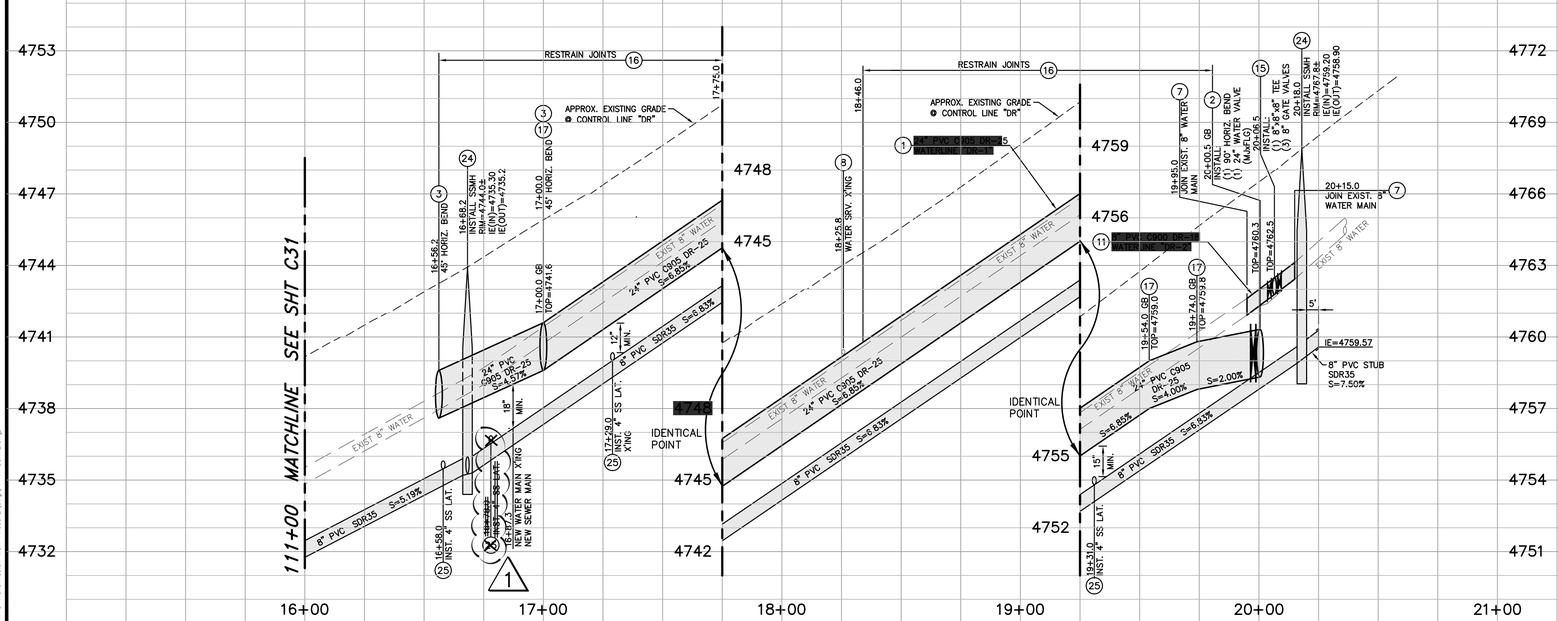


PROFILE – DAMON ROAD

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

DESIGNED BY: DGR
DRAWN BY: DGR/DLO
CHECKED BY: TLG
DWG NO.: pp-n conte.dwg
SCALE (HORIZ): 1"=30'
SCALE (VERT): 1"=3'
PLOT DATE: 3/15/11

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTI WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112

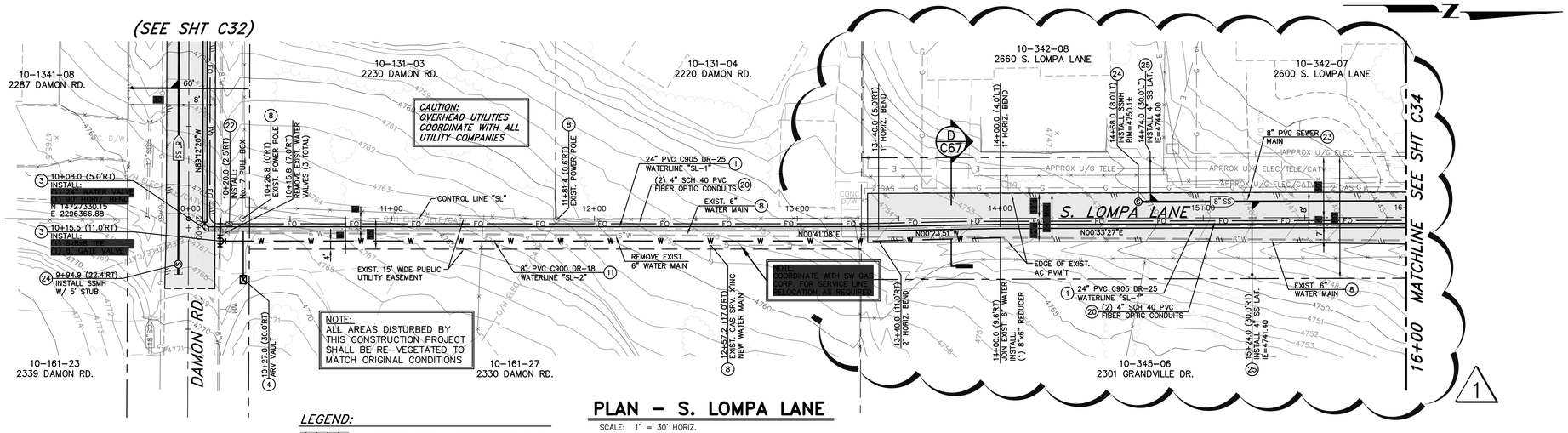
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED PAVING LIMITS, REMOVED SS LAT	DR	TLG

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
DAMON ROAD
PLAN & PROFILE
STA to STA

SHEET C32 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-n CONTE.dwg



LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

PLAN – S. LOMPA LANE

SCALE: 1" = 30' HORIZ.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
3. INSTALL LINE LOCATION BOX & LID PER STD DRAWING C-1.2.2. AT ALL HORIZONTAL BEND LOCATIONS.
4. INSTALL 2" POTABLE WATER AIR RELEASE VALVE PER STD. DRAWING C-3.1.10.
7. POTHOLE TO VERIFY EXACT DEPTH AND/OR MAKE & MATERIALS REQUIRED.
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
11. INSTALL PVC C900 CLASS 150 WATER MAIN PER STD. DRAWING C-1.2.1 (SIZE PER PLAN)
15. INSTALL WATER VALVE PER STD. DRAWING C-3.1.4.
16. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

SCALE
30 0 15 30
HORIZ: 1" = 30'

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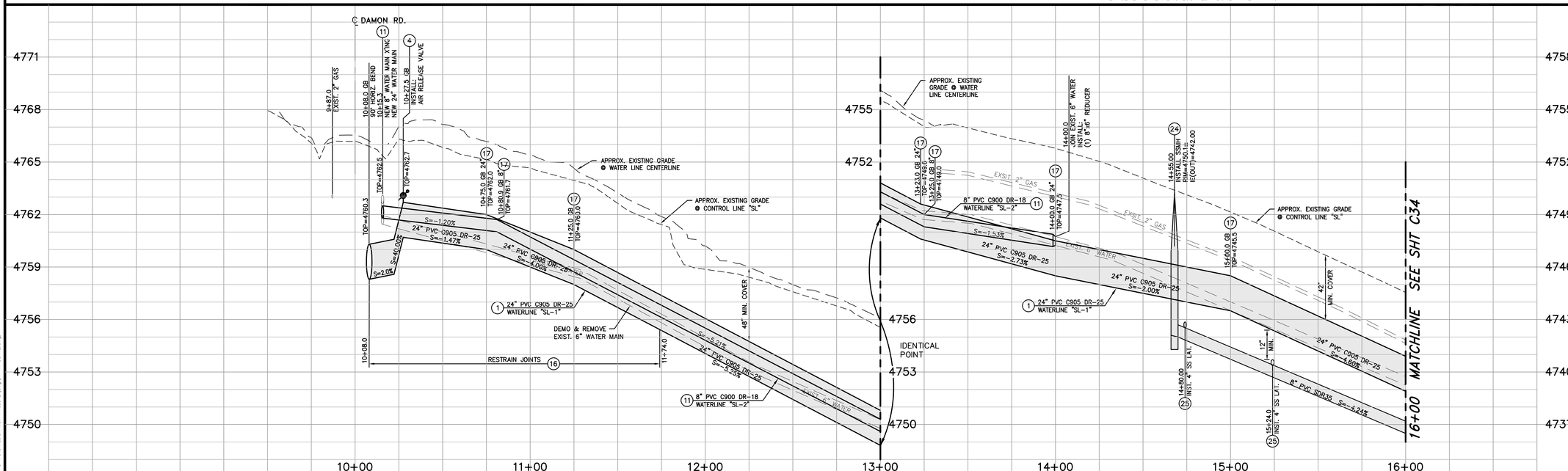

PROFILE – S. LOMPA LANE

SCALE: 1" = 30' HORIZ.
1" = 3' VERT.

REV.	DATE	DESCRIPTION	BY	APP'D
1	3/10/11	ADDED/REVISED PAVING LIMITS	DR	TLG

DESIGNED BY: DGR
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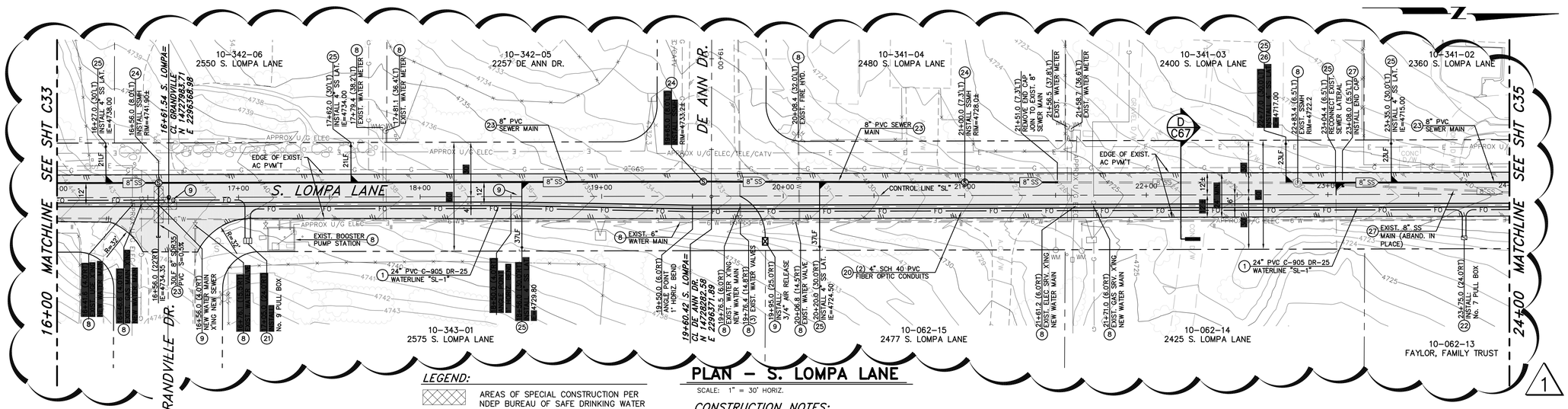
PROFESSIONAL ENGINEER – STATE OF NEVADA
THOMAS LEON GUINN
Exp: 6-30-11
CIVIL
No. 18528

NORTH/SOUTH WATER TRANSMISSION MAIN
PROJECT – PHASE 2
PROJECT No. 4.0800
SOUTH LOMPA LANE
PLAN & PROFILE
STA 10+00 to STA 16+00

SHEET C33 OF 96

M:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-n CONTE.dwg



PLAN – S. LOMPA LANE

SCALE: 1" = 30' HORIZ.

LEGEND:

AREAS OF SPECIAL CONSTRUCTION PER NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY

SEWER NOTE:

THE CONTRACTOR SHALL USE DUE CARE IN INSTALLING SEWER MAINS, MANHOLES AND LATERALS, ALL MANHOLES AND LATERAL LOCATIONS INCLUDING INVERT ELEVATIONS SHALL BE LAID OUT IN THE FIELD BY A NEVADA LICENSED PROFESSIONAL LAND SURVEYOR. TWO OFFSET STAKES SHALL BE PROVIDED FOR EACH MANHOLE AND LATERAL LOCATION. PRIOR TO PLACEMENT OF MANHOLE SECTIONS OR BURYING OF LATERAL END PLUGS, THE LOCATION AND ELEVATION OF EACH MANHOLE BASE AND LATERAL SHALL BE VERIFIED BY THE CARSON CITY INSPECTOR AND THE CONTRACTOR. SEWER MANHOLES AND LATERALS INSTALLED AT LOCATIONS OR ELEVATIONS OTHER THAN AS SHOWN ON THE PLANS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. FOLLOWING INSTALLATION, SEWER MAINS WILL BE TELEVISED BY CARSON CITY PERSONNEL; ANY AREAS OF PONDING WATER WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES:

1. INSTALL 24"ø PVC C905, DR-25, 165 PSI WATER MAIN PER MODIFIED STD DRAWING C-1.2.1, MEGALUG RETAINER GLANDS FOR PVC PIPE SHALL BE USED ON ALL FITTINGS, CONTRACTOR TO VERIFY RESTRAINT LENGTH PER MANUFACTURERS RECOMMENDATIONS.
6. WATER MAIN CROSSING EXISTING UTILITY PER STD DRAWINGS C-3.1.8 & C3.1.9
8. PROTECT-IN-PLACE
9. LIMITS OF "SPECIAL CONSTRUCTION" CENTER NEW 20' LONG PIPE SECTION ON EXISTING UTILITY CROSSING. REFERENCE STD DWG C-3.1.2 AND NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY, DATED 4/10/07, ON SHEET G3. INSTALL MEGALUG RETAINER GLANDS FOR USE WITH C-905 PVC PIPE TO LIMITS SHOWN ON PLANS, PER MANUFACTURER'S RECOMMENDATIONS. FUSIBLE C-905 PVC PIPE MAY BE USED IN LIEU OF RESTRAINED JOINTS.
14. INSTALL 3/4" POTABLE WATER AIR RELEASE PER STD. DRAWING C-3.1.10
17. CONSTRUCT GRADEBREAK TRANSITION PER DETAIL 3, SHEET C61.
20. INSTALL TWO 4" DIAMETER, SCH 40, PVC CONDUITS WITH PULL ROPE, PER MODIFIED STD DWG C-1.2.1, LARGE RADIUS (36"R MIN.) SWEEPS ONLY, WHERE REQUIRED.
21. INSTALL No. 9 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
22. INSTALL No. 7 PULL BOX WITH TRAFFIC RATED, BOLT DOWN, STEEL COVER MARKED "FIBER OPTIC" PER DETAIL 2, SHEET C71.
23. INSTALL 8" PVC SDR35 SEWER LINE PER STD. DRAWING C-1.2.1
24. INSTALL SEWER MANHOLE TYPE 1 PER STD. DRAWING C-2.1.3, ADJUST RIM TO ADJACENT FINISH GRADE.
25. INSTALL 4" PVC SDR35 SEWER LATERAL PER STD. DRAWING C-2.2.1, SUBSTITUTE 4" PVC C-900 WHEN SEWER LATERAL IS LOCATED ABOVE WATER MAINS.
26. INSTALL 4" PVC SEWER SERVICE TAP SADDLE PER STD. DRAWING C-2.2.2
27. CUT, CAP AND SLURRY FILL EXISTING SEWER MAIN TO BE ABANDONED IN PLACE.

SCALE
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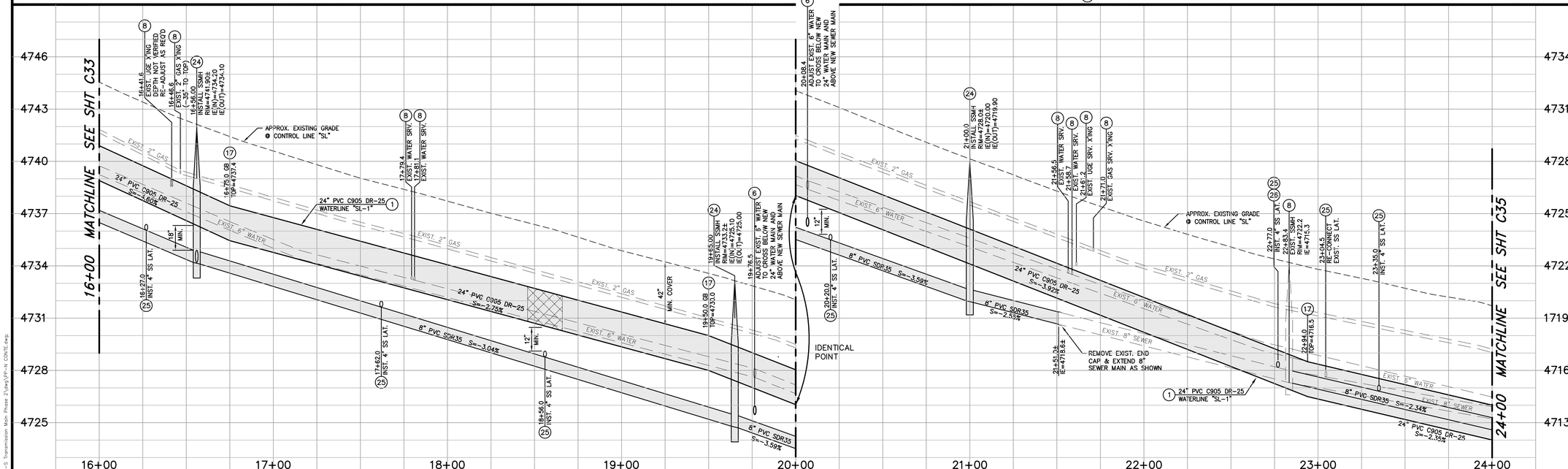

PROFILE – S. LOMPA LANE

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PROJECT No. 4.0800
SOUTH LOMPA LANE
PLAN & PROFILE
STA 16+00 to STA 24+00

SHEET C34 OF 96

I:\PROJECTS\4.0800 N-S Transmission Main Phase 2\dwg\PP-n CONTE.dwg