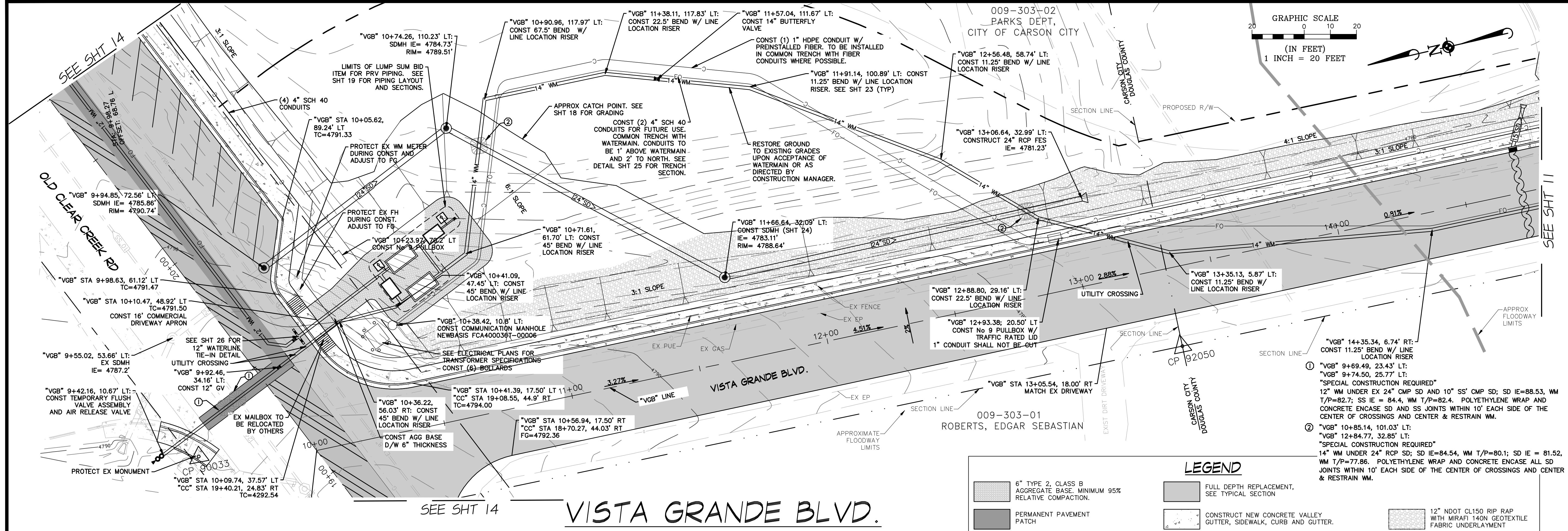
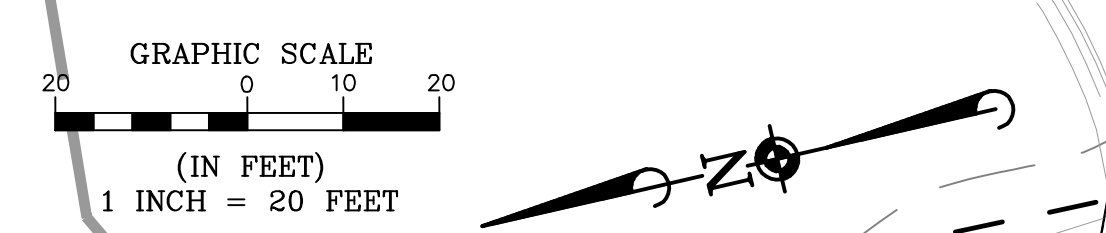
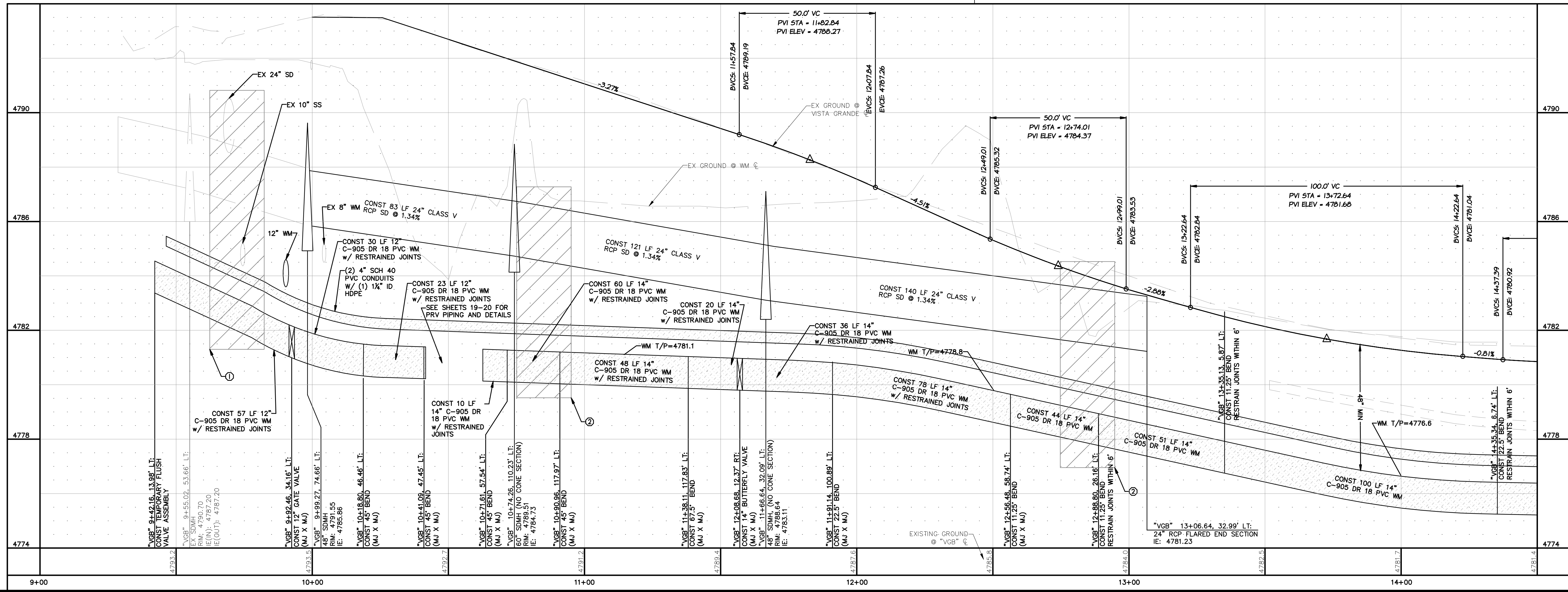


January 21, 2014 - 11:23 Plot Name: P:\Projects\13\New York\Plan\Drawings\PLAN SET\VISTA GRANDE\JOB PLAN & PROFILE.dwg User: jrb



LEGEND

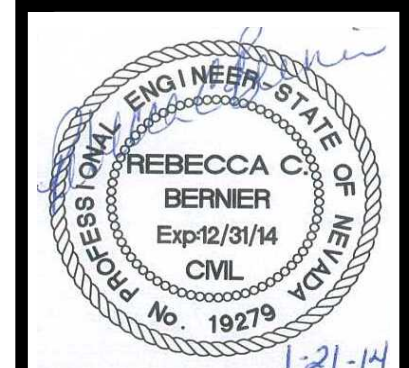
- 6" TYPE 2, CLASS B AGGREGATE BASE, MINIMUM 95% RELATIVE COMPACTION.
- PERMANENT PAVEMENT PATCH
- FULL DEPTH REPLACEMENT, SEE TYPICAL SECTION
- CONSTRUCT NEW CONCRETE VALLEY GUTTER, SIDEWALK, CURB AND GUTTER.
- 12" NDOT CL150 RIP RAP WITH MIRAFI 140N GEOTEXTILE FABRIC UNDERLAYMENT



PROJ. NGR.: RCB
 PROJ. ASSOC.: CPT
 CHECKED BY: RCB
 DWG NO.: CCCC15
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 2'
 PLOT DATE: JAN 2014

CARSON CITY DEPARTMENT
 PUBLIC WORKS DEPARTMENT
 3505 BUTTE WAY CARSON CITY, NEVADA 89701
 PH: 867-2355 FAX: 867-2112

Manhard CONSULTING LTD
 3476 Reservoir Parkway, Suite 12
 Reno, NV 89502
 PH: (775) 882-5650 FAX: (775) 882-7282



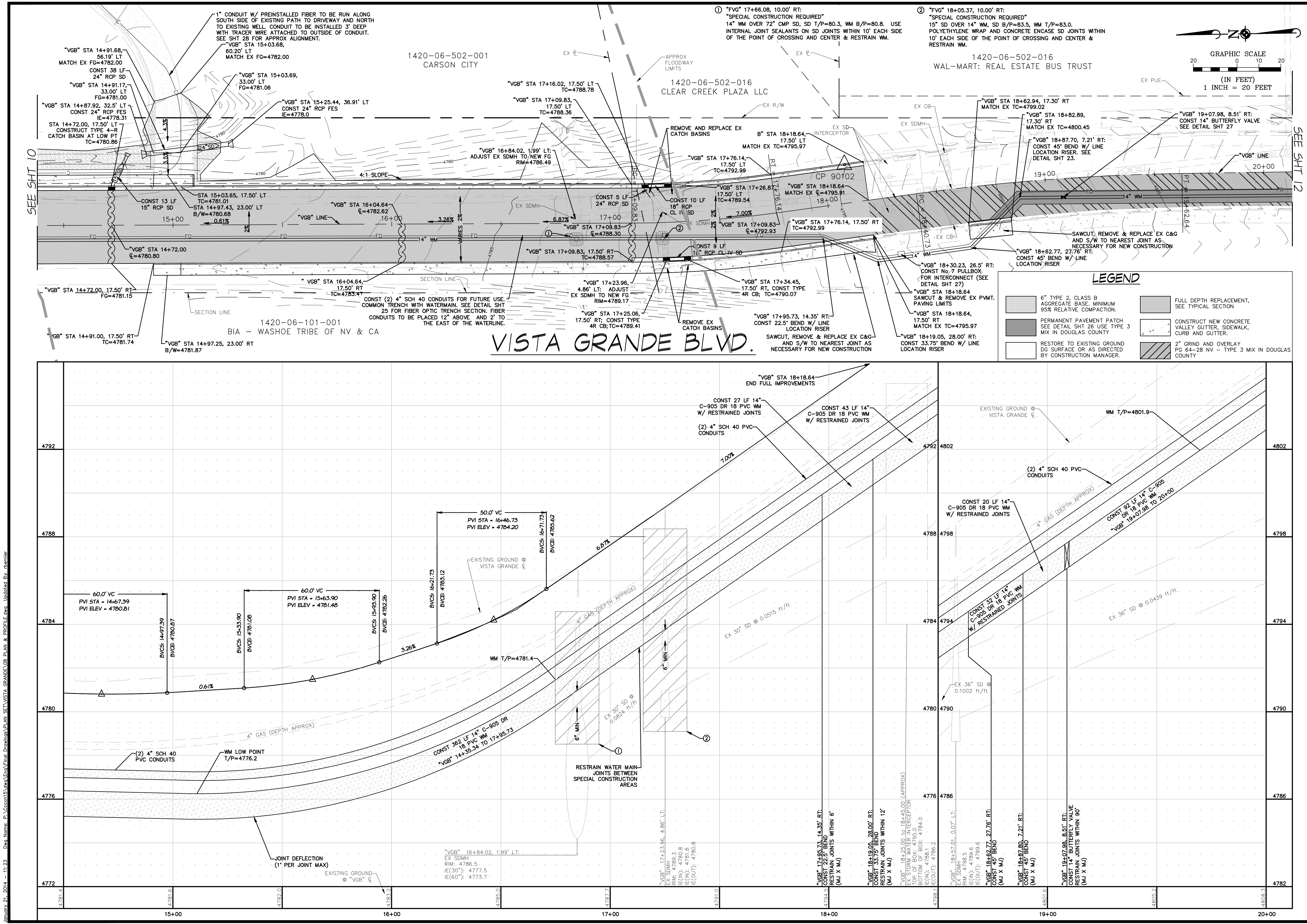
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COSTCO INTERTIE & VISTA GRANDE WATERLINE
 PROJECT No: 04.1000
 PLAN & PROFILE

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FOR BIDDING PURPOSES ONLY

January 21, 2014 - 11:23 Date Name: P:\Projects\15\Water\Plan\Drawings\PLAN SET\VISTA GRANDE\JOB PLAN & PROFILE.dwg Updated By: Admin



PROJ. MGR.: RCB
 PROJ. ASSOC.: CTF
 CHECKED BY: RCB
 DWG NO.: CCCC15
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 2'
 PLOT DATE: JAN 2014

Manhard CONSULTING LTD.

3505 BUTTE WAY CARSON CITY, NV 89701
 PH: 887-2355 FAX: 887-2112

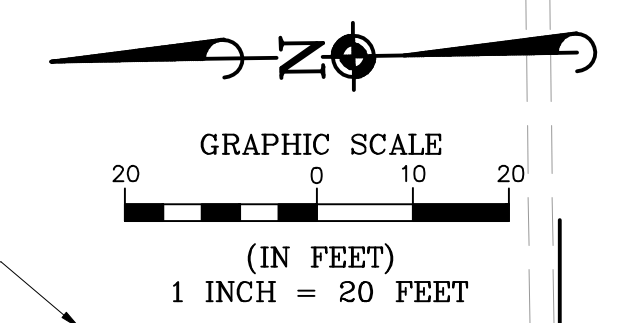
1976
 REBECCA C. BERNIER
 Exp 12/31/14
 CIVIL
 No. 12114

COSTCO INTERTIE & VISTA GRANDE WATERLINE
 PROJECT No: 04.1000
 PLAN & PROFILE

FOR BIDDING PURPOSES ONLY

CARSON CITY DEPARTMENT OF PUBLIC WORKS

SHEET 11 OF 28



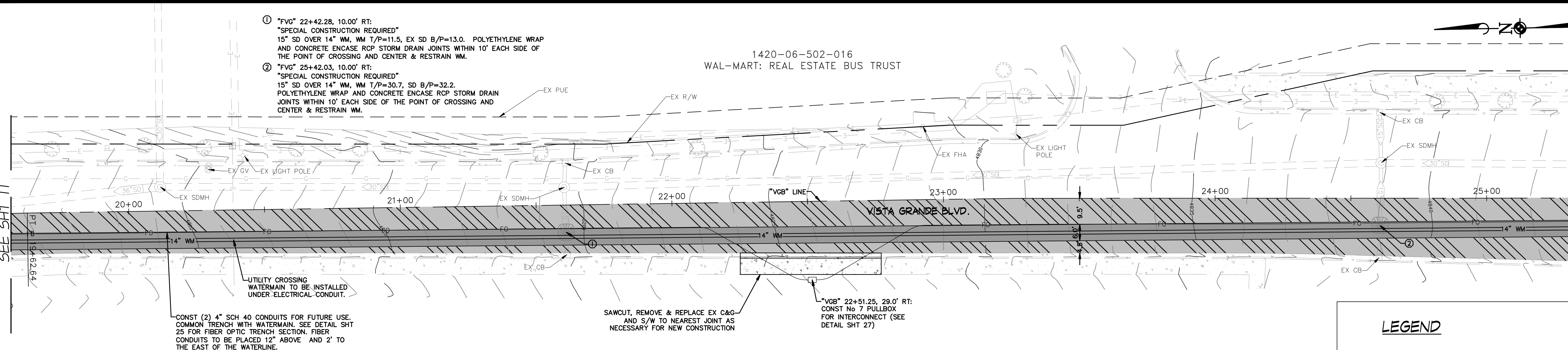
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|--|---|--|--|
| | 6" TYPE 2, CLASS B AGGREGATE BASE, MINIMUM 95% RELATIVE COMPACTION. | | FULL DEPTH REPLACEMENT, SEE TYPICAL SECTION |
| | PERMANENT PAVEMENT PATCH SEE DETAIL SHT 26 USE TYPE 3 MIX IN DOUGLAS COUNTY | | CONSTRUCT NEW CONCRETE VALLEY GUTTER, SIDEWALK, CURB AND GUTTER. |
| | RESTORE TO EXISTING GROUND DG SURFACE OR AS DIRECTED BY CONSTRUCTION MANAGER. | | 2" GRIND AND OVERLAY PG 64-28 NV - TYPE 3 MIX IN DOUGLAS COUNTY |

VISTA GRANDE BLVD.

SEE SHT 10

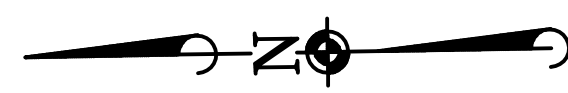
SEE SHT 12

January 21, 2014 11:23 Path Name: P:\Projects\15\Costco\15_Vista_Grande\Plan & Profile.dwg User: rch



- ① "FVG" 22+42.28, 10.00' RT:
"SPECIAL CONSTRUCTION REQUIRED"
15" SD OVER 14" WM, WM T/P=11.5, EX SD B/P=13.0. POLYETHYLENE WRAP AND CONCRETE ENCASE RCP STORM DRAIN JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING AND CENTER & RESTRAIN WM.
- ② "FVG" 25+42.03, 10.00' RT:
"SPECIAL CONSTRUCTION REQUIRED"
15" SD OVER 14" WM, WM T/P=30.7, SD B/P=32.2. POLYETHYLENE WRAP AND CONCRETE ENCASE RCP STORM DRAIN JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING AND CENTER & RESTRAIN WM.

1420-06-502-016
WAL-MART: REAL ESTATE BUS TRUST



UTILITY CROSSING WATERMAIN TO BE INSTALLED UNDER ELECTRICAL CONDUIT.
CONST (2) 4" SCH 40 CONDUITS FOR FUTURE USE. COMMON TRENCH WITH WATERMAIN. SEE DETAIL SHT 25 FOR FIBER OPTIC TRENCH SECTION. FIBER CONDUITS TO BE PLACED 12" ABOVE AND 2' TO THE EAST OF THE WATERLINE.

SAWCUT, REMOVE & REPLACE EX C&G AND S/W TO NEAREST JOINT AS NECESSARY FOR NEW CONSTRUCTION

"VGB" 22+51.25, 29.0' RT:
CONST No 7 PULLBOX FOR INTERCONNECT (SEE DETAIL SHT 27)

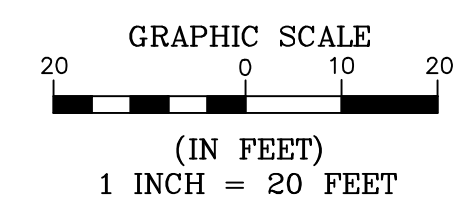
LEGEND

[Symbol] 2" GRIND AND OVERLAY PG 64-28 NY - TYPE 3 MIX IN DOUGLAS COUNTY

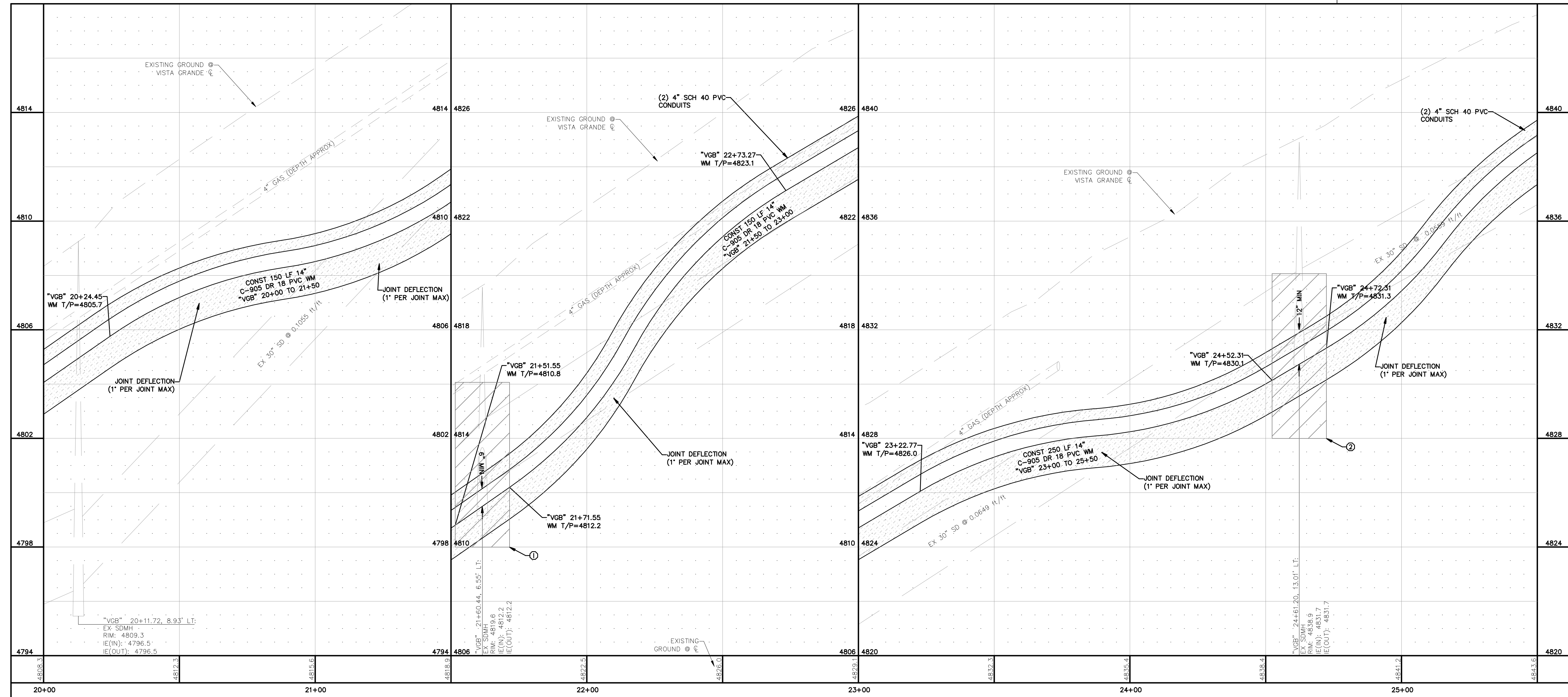
[Symbol] PERMANENT PAVEMENT PATCH SEE DETAIL SHT 28 USE TYPE 3 MIX IN DOUGLAS COUNTY

[Symbol] REMOVE AND REPLACE AS REQUIRED OR CONSTRUCT NEW CONCRETE VALLEY GUTTER, SIDEWALK, CURB AND GUTTER.

1420-06-101-001
BIA - WASHOE TRIBE OF NV & CA



VISTA GRANDE BLVD.

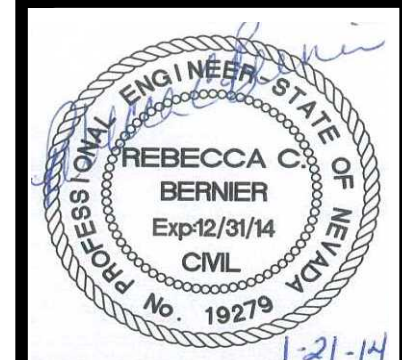


PROJ. MGR.: RCB
PROJ. ASSOC.: CTF
CHECKED BY: RCB
DWG NO.: CCCC15
SCALE (HORIZ): 1" = 20'
SCALE (VERT): 1" = 2'
PLOT DATE: JAN 2014

CARSON CITY DEPARTMENT
PUBLIC WORKS

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

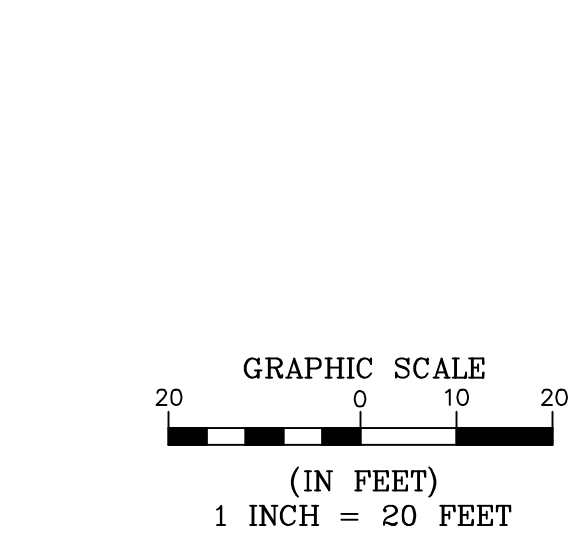
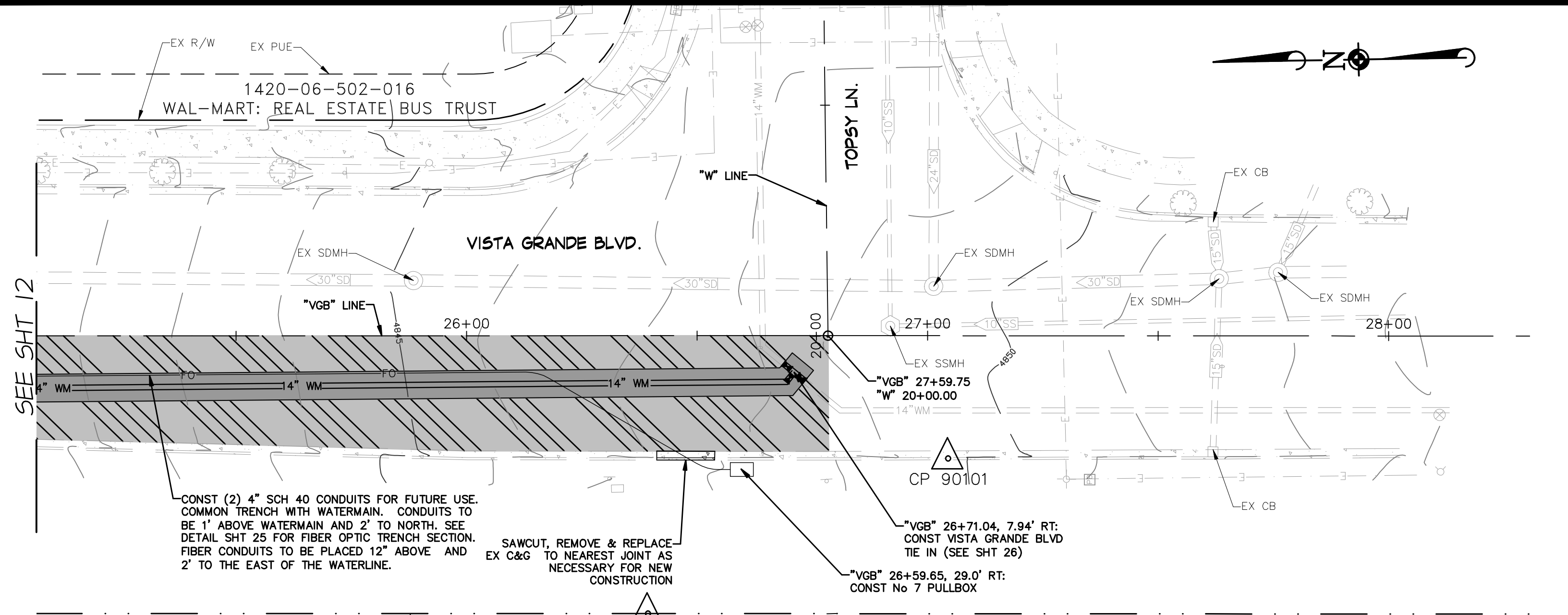
Manhard CONSULTING LTD.
6476 Praterdale Parkway, Suite 12 Carson City, NV 89706
PH: (775) 882-6650 FAX: (775) 885-7285



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COSTCO INTERIE & VISTA GRANDE WATERLINE
PROJECT No: 04.1000
PLAN & PROFILE

FOR BIDDING PURPOSES ONLY

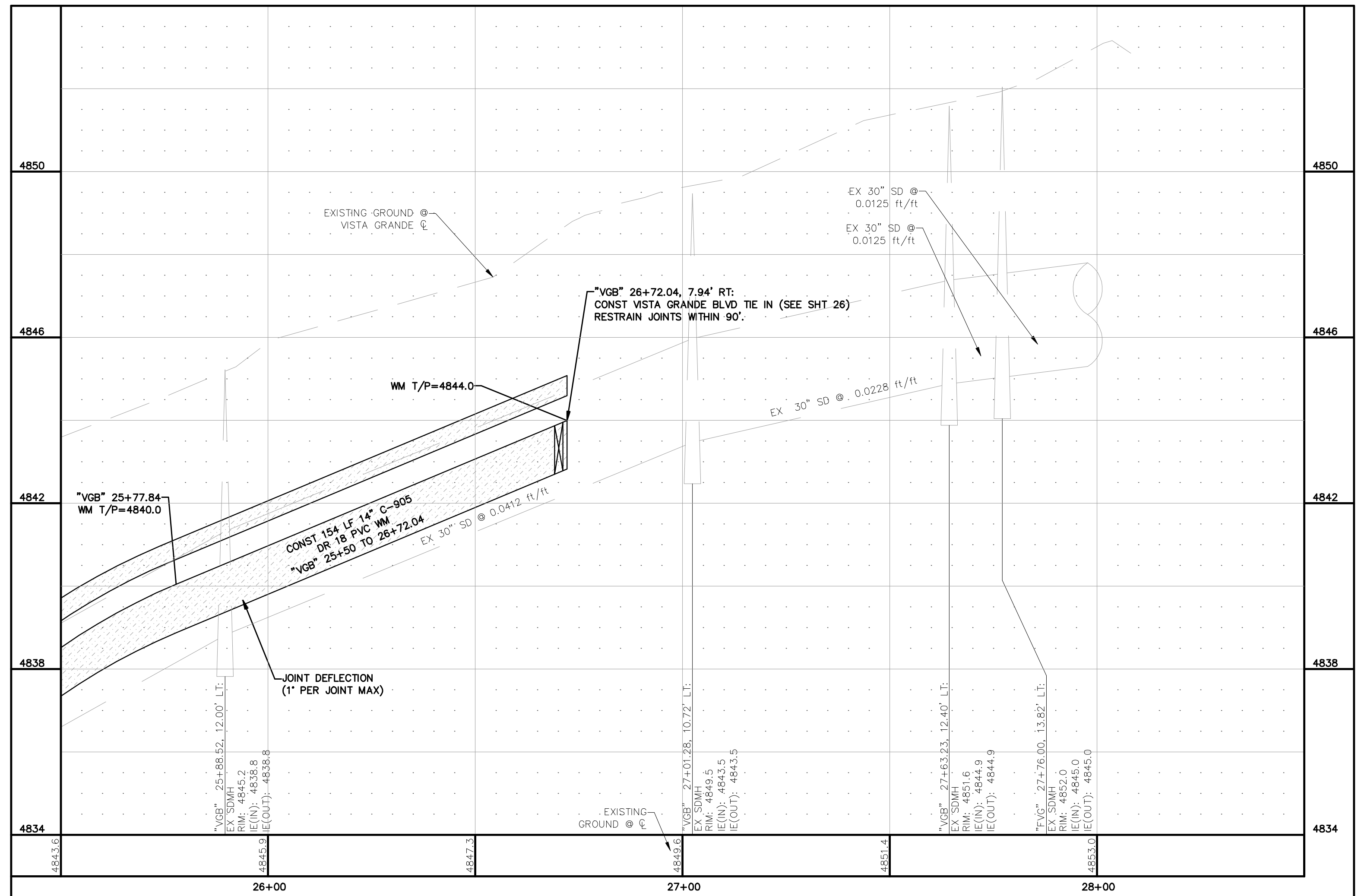


CP 80005
1420-06-101-001
BIA - WASHOE TRIBE OF NV & CA

LEGEND

- 2" GRIND AND OVERLAY PG 64-28 NY - TYPE 3 MIX IN DOUGLAS COUNTY
- PERMANENT PAVEMENT PATCH SEE DETAIL SHT 26 USE TYPE 3 MIX IN DOUGLAS COUNTY
- REMOVE AND REPLACE AS REQUIRED OR CONSTRUCT NEW CONCRETE VALLEY GUTTER, SIDEWALK, CURB AND GUTTER.

VISTA GRANDE BLVD.



January 21, 2014 - 11:23 - Path Name: P:\Projects\15\Water\Plan\Drawings\PLAN_SHT\VISTA_GRANDE\JOB_PLAN & PROFILE.dwg Updated By: abmair

PROJ. MGR.: RCB
PROJ. ASSOC.: CFT
CHECKED BY: RCB
DWG NO.: CCCCN15
SCALE (HORIZ): 1" = 20'
SCALE (VERT): 1" = 2'
PILOT DATE: JAN 2014

CARSON CITY
PUBLIC WORKS DEPARTMENT
3505 BUTTE WAY CARSON CITY, NEVADA 89701
PH: 887-2355 FAX: 887-2112
Manhard CONSULTING LTD
28476 Paradise Parkway, Suite 12
Carson City, NV 89702
PH: (775) 882-5650



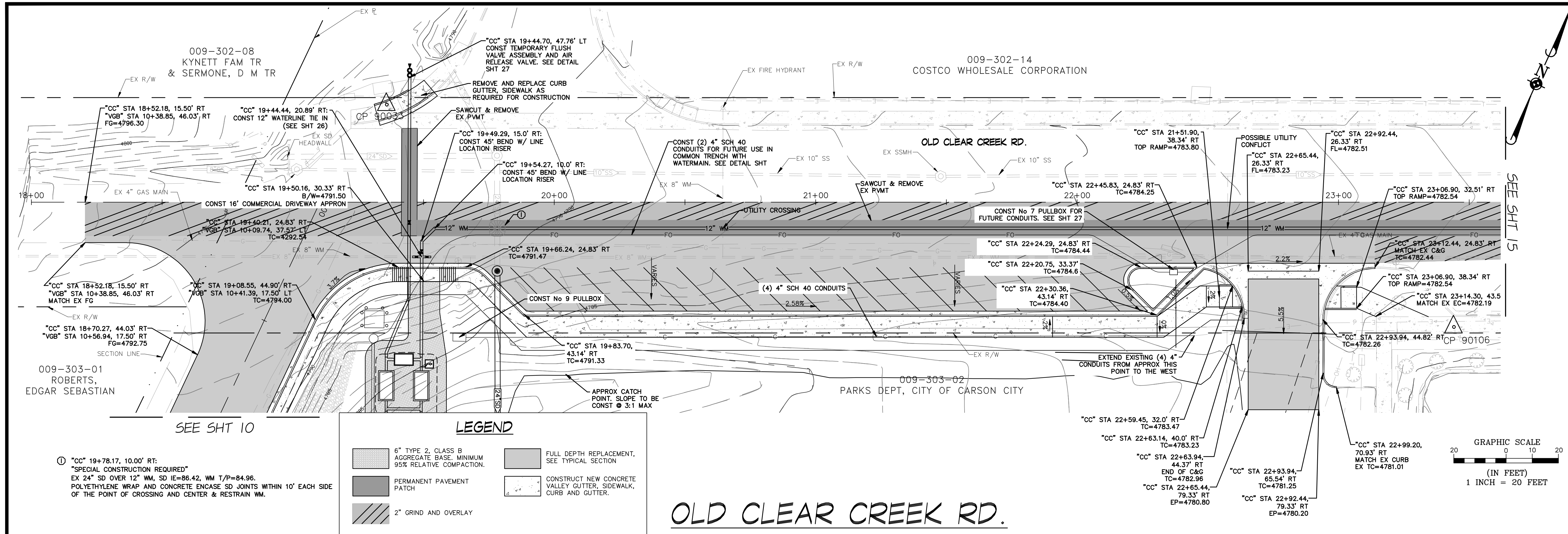
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COSTCO INTERTIE & VISTA GRANDE WATERLINE
PROJECT No: 04.1000
PLAN & PROFILE

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FOR BIDDING PURPOSES ONLY

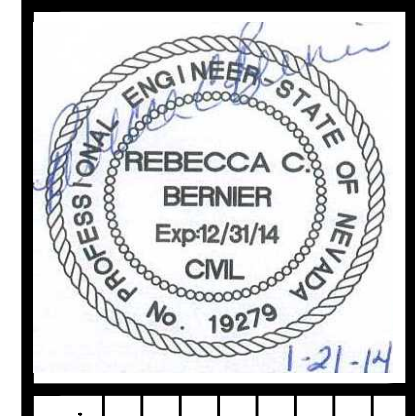
January 21, 2014 - 13:25 Plot Name: P:\Coccolis\Water\Costco\Drawings\PLAN & PROFILE.dwg User: J. Adams



PROJ. MGR.: RCB
 PROJ. ASSOC.: CTF
 CHECKED BY: RCB
 DWG NO.: CCCC15
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 2'
 PLOT DATE: JAN 2014

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

Manhard CONSULTING LTD.
 8496 Praterline Parkway, Suite 12 Carson City, NV 89706
 PH: (775) 882-5650 FAX: (775) 882-7292

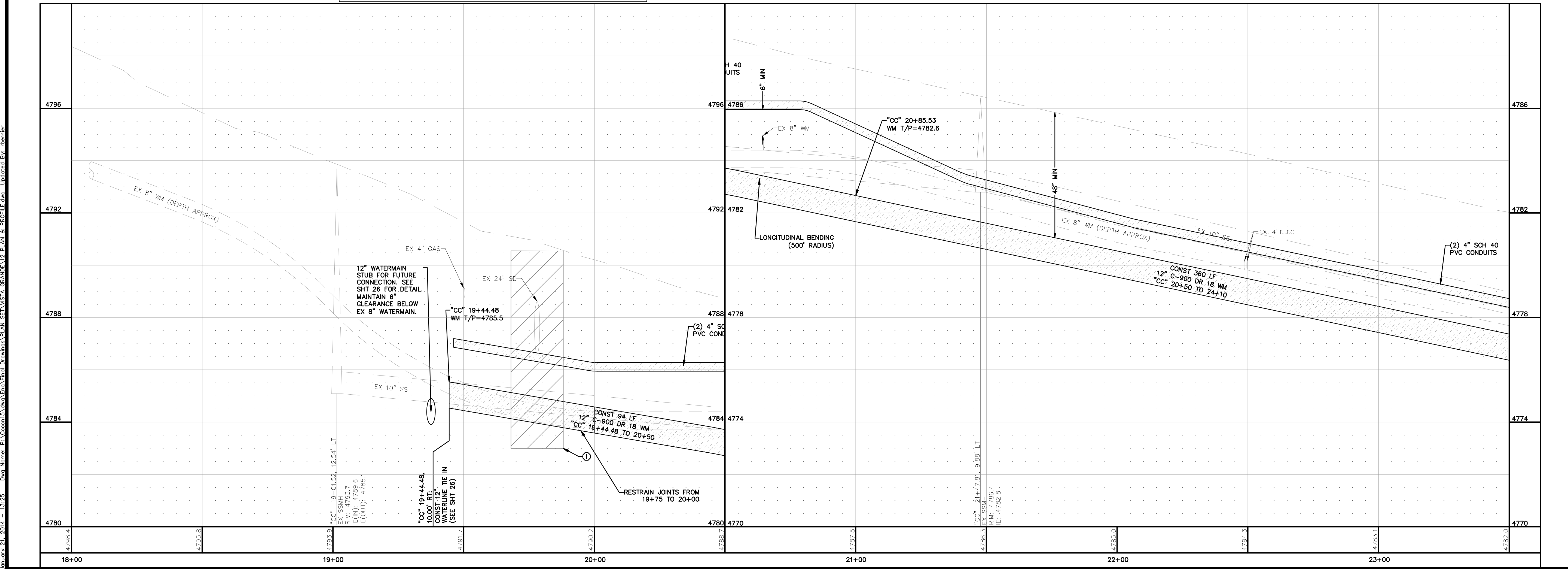


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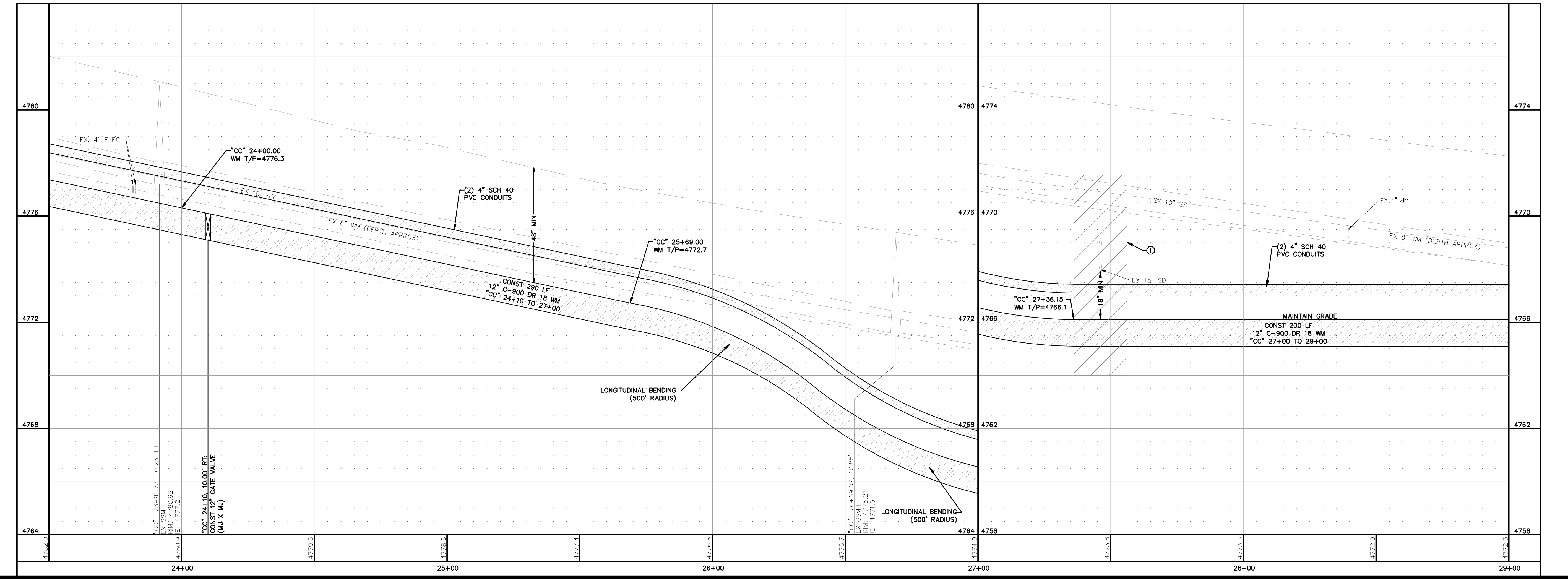
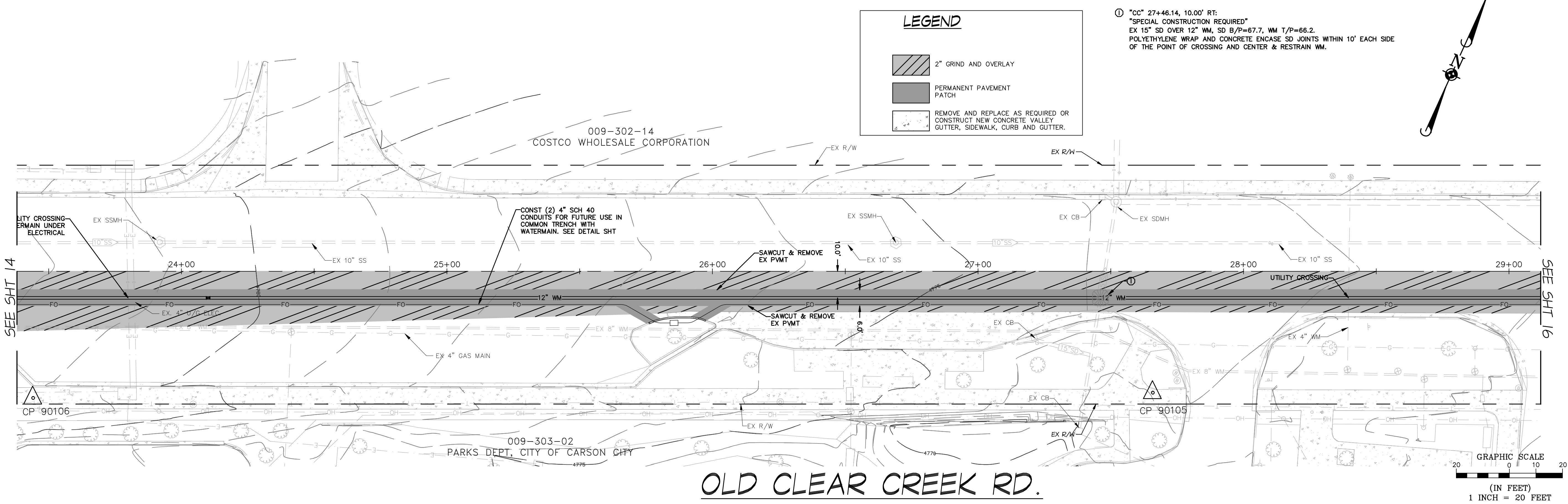
COSTCO INTERTIE & VISTA GRANDE WATERLINE
 PROJECT No: 04.1000
PLAN & PROFILE

SHEET 14 OF 28

FOR BIDDING PURPOSES ONLY



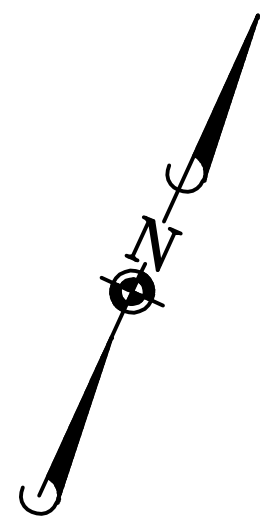
January 21, 2014 - 13:25 Plot Name: P:\Ccs015\Water\Plan\Drawings\PLAN_SHT15_VISTA_GRADE12.PLAN & PROFILE.dwg Updated By: jbernier



LEGEND

- 2" GRIND AND OVERLAY
- PERMANENT PAVEMENT PATCH
- REMOVE AND REPLACE AS REQUIRED OR CONSTRUCT NEW CONCRETE VALLEY, GUTTER, SIDEWALK, CURB AND GUTTER.

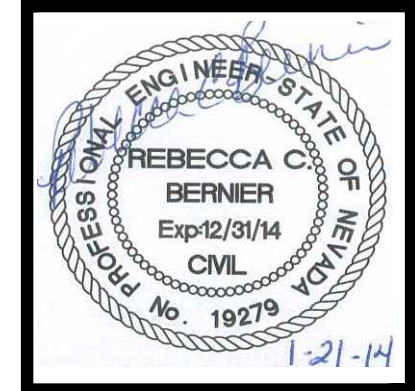
① "CC" 27+46.14, 10.00' RT:
 "SPECIAL CONSTRUCTION REQUIRED"
 EX 15" SD OVER 12" WM, SD B/P=67.7, WM T/P=66.2.
 POLYETHYLENE WRAP AND CONCRETE ENCASE SD JOINTS WITHIN 10' EACH SIDE OF THE POINT OF CROSSING AND CENTER & RESTRAIN WM.



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| PROJ. MGR.: | RCB |
| PROJ. ASSOC.: | CT |
| CHECKED BY: | RCB |
| DWG NO.: | CCCN15 |
| SCALE (HORIZ): | 1" = 20' |
| SCALE (VERT): | 1" = 2' |
| PILOT DATE: | JAN 2014 |

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

Manhard CONSULTING LTD.
 3476 Praterway, Suite 12 Carson City, NV 89702
 PH: (775) 882-5650 FAX: (775) 885-7282





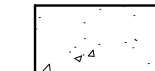
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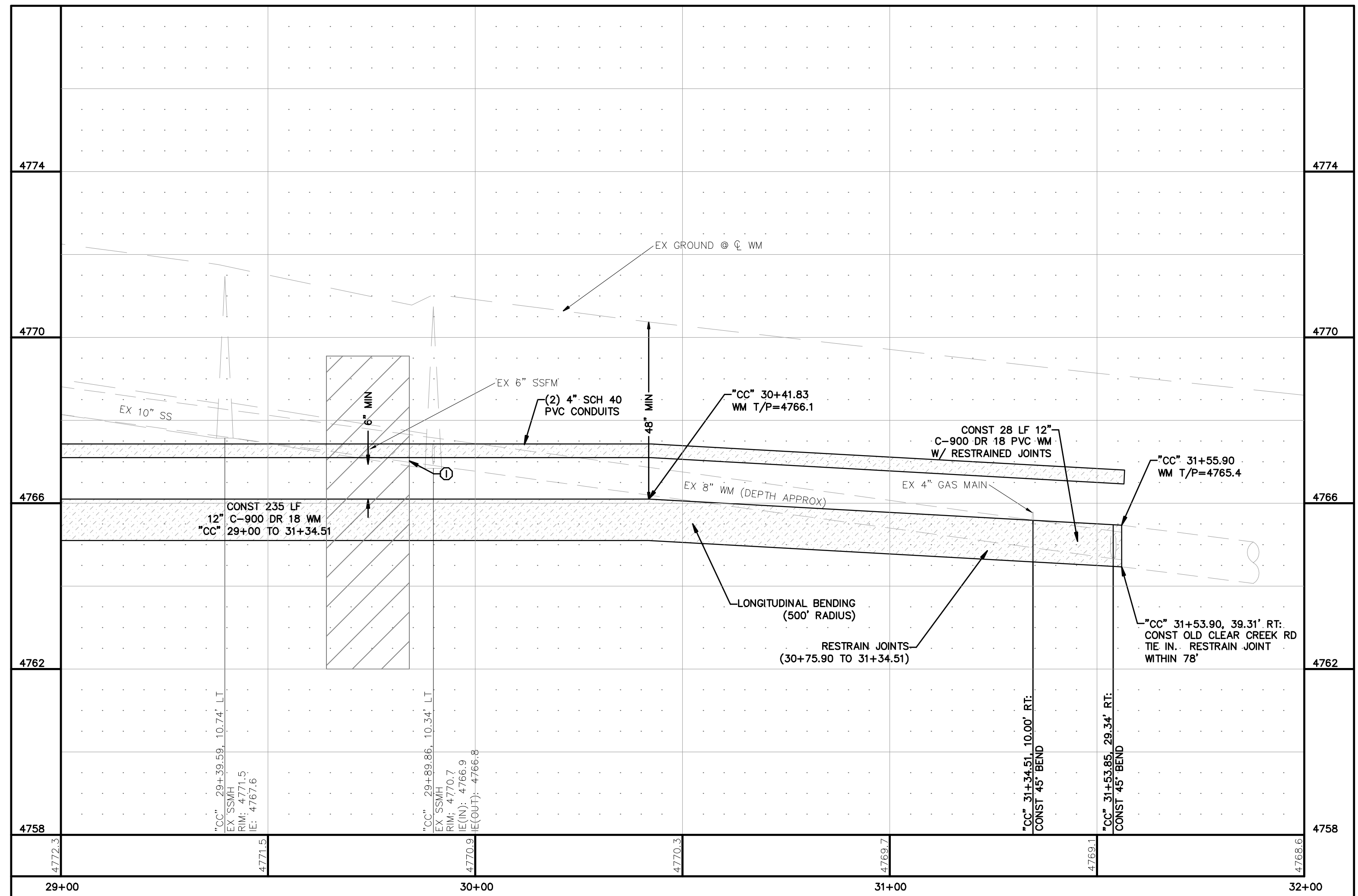
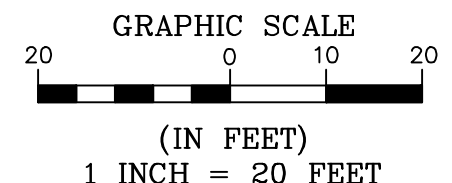
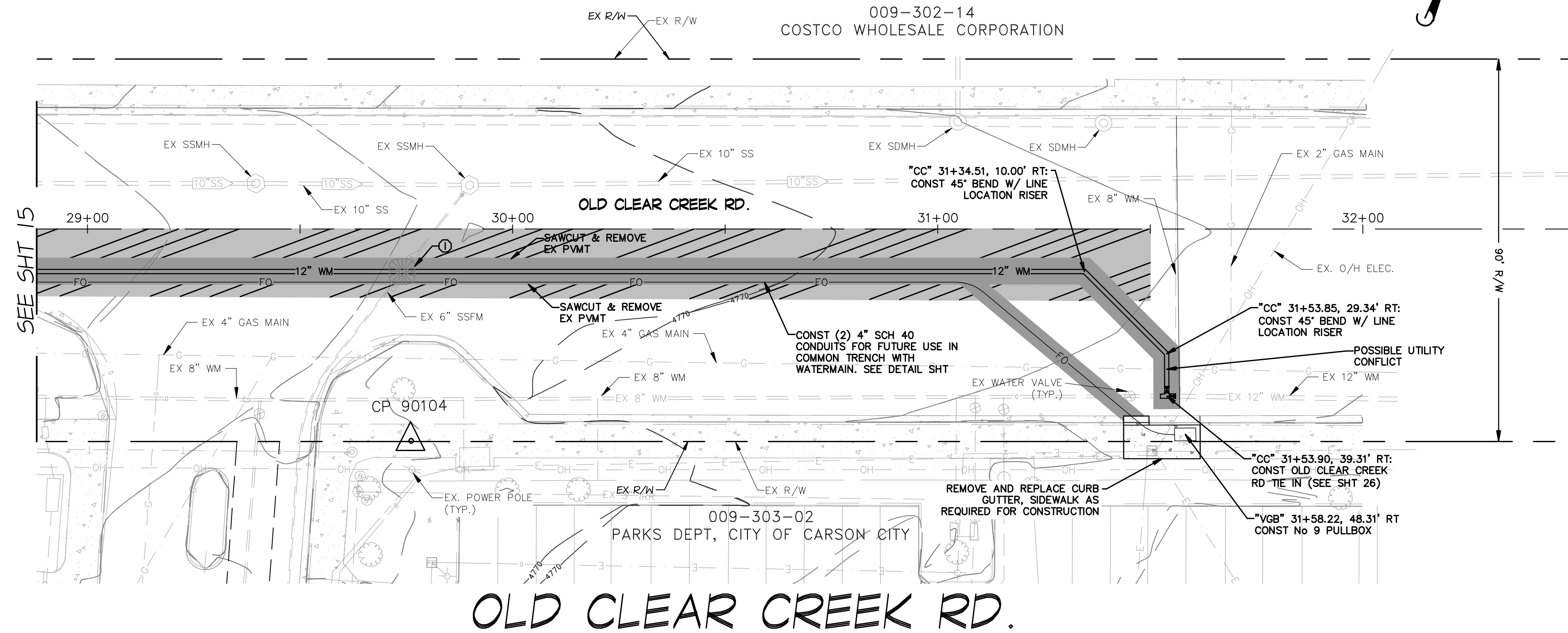
COSTCO INTERTIE & VISTA GRANDE WATERLINE
 PROJECT No: 04.1000
PLAN & PROFILE

FOR BIDDING PURPOSES ONLY

① "CC" 29+74.00, 10.00' RT:
 "SPECIAL CONSTRUCTION REQUIRED"
 EX 6" SSFM OVER 12" WM, SSFM B/P=66.6, WM T/P=66.1.
 POLYETHYLENE WRAP AND CONCRETE ENCASE SSFM JOINTS WITHIN 10' EACH
 SIDE OF THE POINT OF CROSSING AND CENTER & RESTRAIN WM.

LEGEND

-  2" GRIND AND OVERLAY
-  PERMANENT PAVEMENT PATCH
-  REMOVE AND REPLACE AS REQUIRED OR CONSTRUCT NEW CONCRETE VALLEY GUTTER, SIDEWALK, CURB AND GUTTER.



PROJ. MGR.: RCB
 PROJ. ASSOC.: CTF
 CHECKED BY: RCB
 DWG NO.: CCCC15
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT): 1" = 20'
 PILOT DATE: JAN 2014

CARSON CITY
 PUBLIC WORKS DEPARTMENT
 3505 BUTTE WAY CARSON CITY, NEVADA 89701
 PH: 867-2355
Manhard
 CONSULTING LTD
 3445 Freestone Parkway, Suite 12
 Carson City, NV 89702
 PH: (775) 882-5650

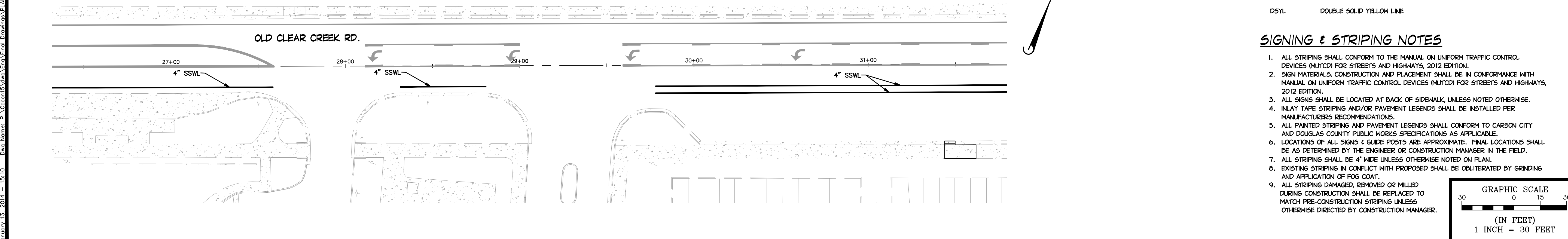
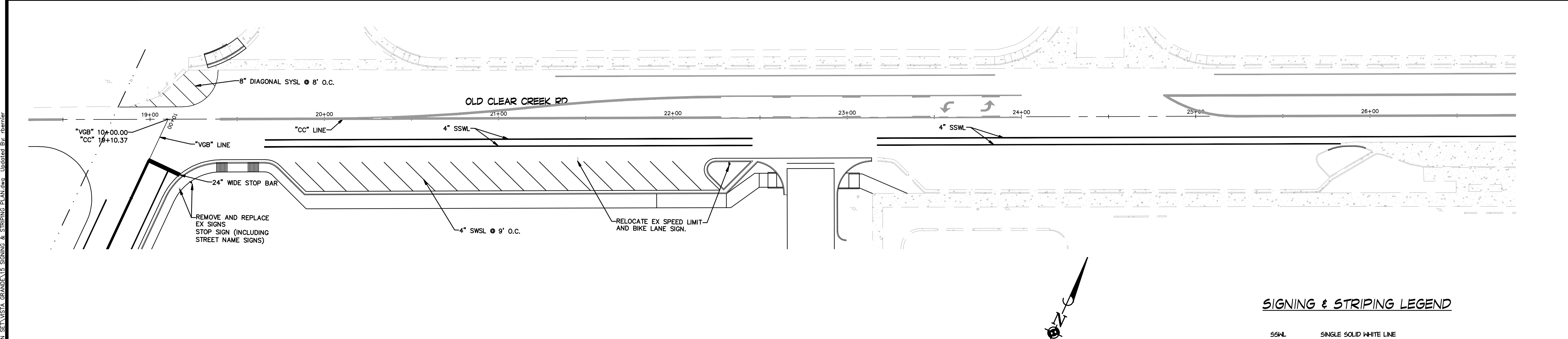
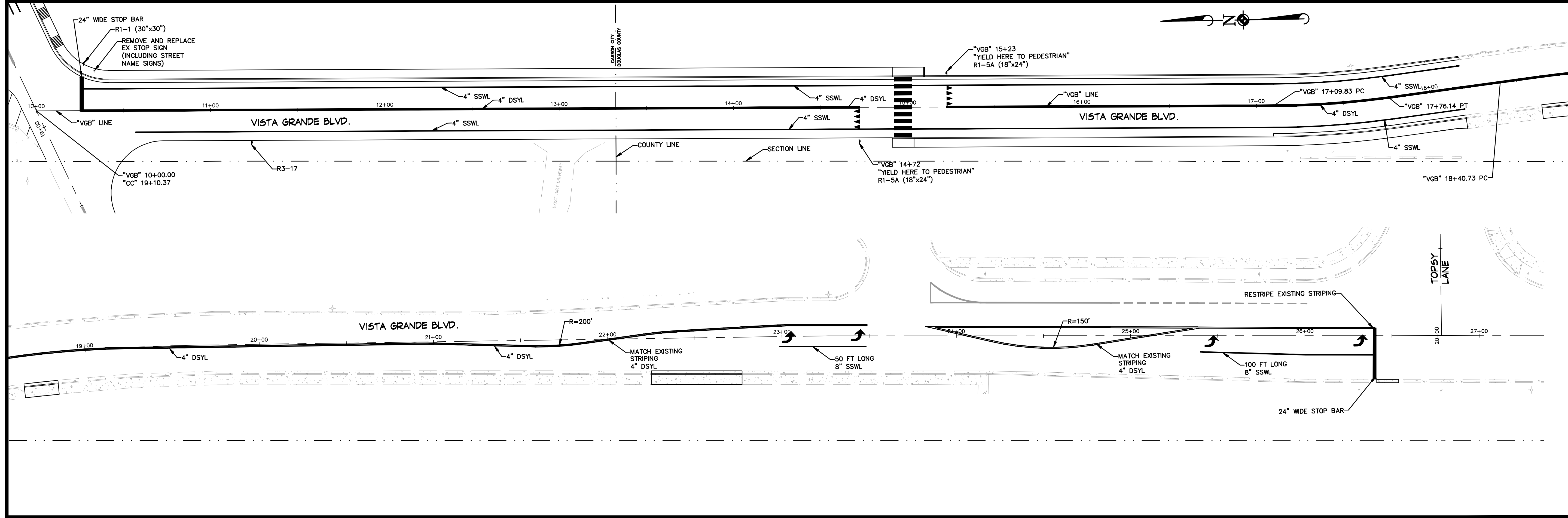


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COSTCO INTERTIE & VISTA GRANDE WATERLINE
 PROJECT No: 04.1000
 PLAN & PROFILE

FOR BIDDING PURPOSES ONLY

January 21, 2014 - 13:25 Plot Name: P:\Ccc15\Man\Plan\Final Drawings\PLAN_SHEET\VISTA_GRANDE\12 PLAN & PROFILE.dwg Updated By: Bernier

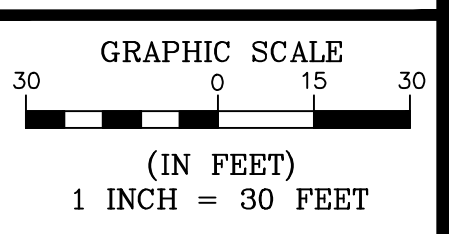


SIGNING & STRIPING LEGEND

- SSWL SINGLE SOLID WHITE LINE
- DSYL DOUBLE SOLID YELLOW LINE

SIGNING & STRIPING NOTES

1. ALL STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, 2012 EDITION.
2. SIGN MATERIALS, CONSTRUCTION AND PLACEMENT SHALL BE IN CONFORMANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS, 2012 EDITION.
3. ALL SIGNS SHALL BE LOCATED AT BACK OF SIDEWALK, UNLESS NOTED OTHERWISE.
4. INLAY TAPE STRIPING AND/OR PAVEMENT LEGENDS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
5. ALL PAINTED STRIPING AND PAVEMENT LEGENDS SHALL CONFORM TO CARSON CITY AND DOUGLAS COUNTY PUBLIC WORKS SPECIFICATIONS AS APPLICABLE.
6. LOCATIONS OF ALL SIGNS & GUIDE POSTS ARE APPROXIMATE. FINAL LOCATIONS SHALL BE AS DETERMINED BY THE ENGINEER OR CONSTRUCTION MANAGER IN THE FIELD.
7. ALL STRIPING SHALL BE 4" WIDE UNLESS OTHERWISE NOTED ON PLAN.
8. EXISTING STRIPING IN CONFLICT WITH PROPOSED SHALL BE OBLITERATED BY GRINDING AND APPLICATION OF FOG COAT.
9. ALL STRIPING DAMAGED, REMOVED OR MILLED DURING CONSTRUCTION SHALL BE REPLACED TO MATCH PRE-CONSTRUCTION STRIPING UNLESS OTHERWISE DIRECTED BY CONSTRUCTION MANAGER.



CARSON CITY DEPARTMENT OF PUBLIC WORKS

Manhard CONSULTING LTD.

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

REBECCA C. BERNIER
 Exp 12/31/14
 CIVIL
 No. 19279

PROJ. MGR.: RCB
 PROJ. ASSOC.: CTF
 CHECKED BY: RCB
 DWG NO.: CCCCN15
 SCALE (HORIZ): 1" = 20'
 SCALE (VERT):
 PILOT DATE: JAN 2014

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COSTCO INTERTIE & VISTA GRANDE WATERLINE

PROJECT No: 04.1000

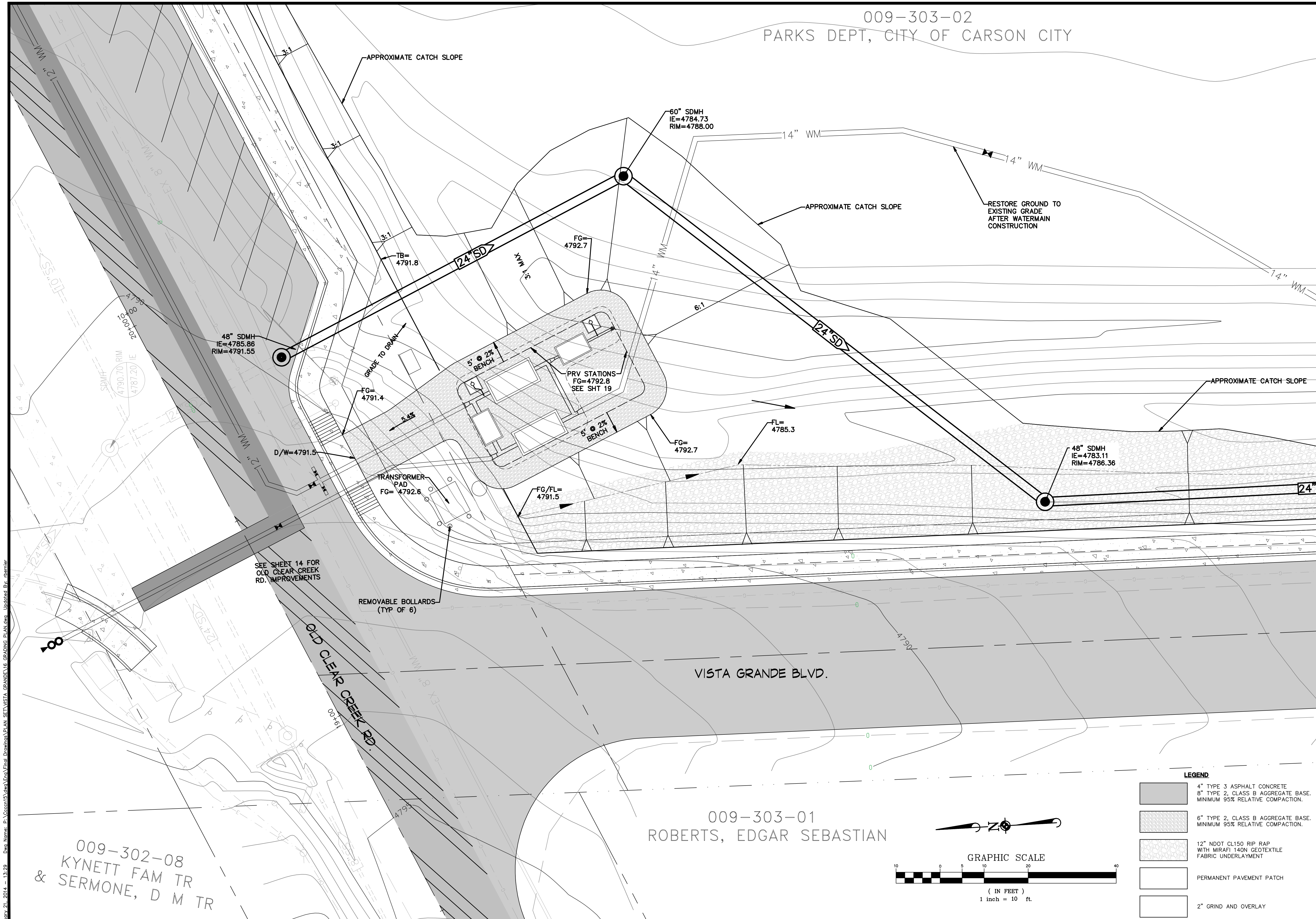
SIGNING & STRIPING PLAN

SHEET 17 OF 28

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Date: 1/13/2014 15:10 Path Name: P:\Costco\15\New\Costco\Drawings\PLAN SET\VISTA GRANDE\15_SIGNING & STRIPING_PLAN.dwg Updated By: rebeccab

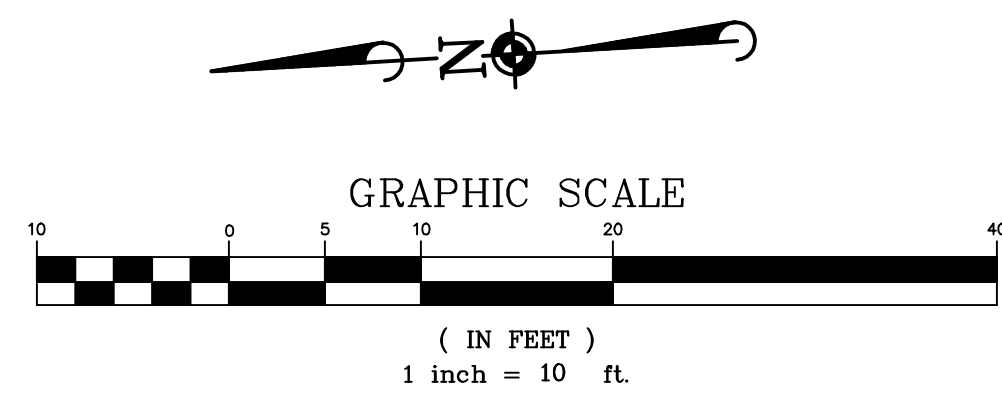
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PARKS DEPT, CITY OF CARSON CITY



Date: 01/21/2014 11:29 P:\C\costco\13\Water\Edgar Sebastian\Grading Plan.dwg Modified By: rbernier
 User: rbernier P:\C\costco\13\Water\Edgar Sebastian\Grading Plan.dwg

009-302-08
KYNETT FAM TR
& SERMONE, D M TR

009-303-01
ROBERTS, EDGAR SEBASTIAN



LEGEND

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| [Pattern] | 4" TYPE 3 ASPHALT CONCRETE |
| [Pattern] | 8" TYPE 2, CLASS B AGGREGATE BASE. MINIMUM 95% RELATIVE COMPACTION. |
| [Pattern] | 6" TYPE 2, CLASS B AGGREGATE BASE. MINIMUM 95% RELATIVE COMPACTION. |
| [Pattern] | 12" NDOT CL150 RIP RAP WITH MIRAFI 140N GEOTEXTILE FABRIC UNDERLAYMENT |
| [Pattern] | PERMANENT PAVEMENT PATCH |
| [Pattern] | 2" GRIND AND OVERLAY |

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| PROJ. MGR.: | RCB |
| PROJ. ASSOC.: | |
| CHECKED BY: | RCB |
| DWG NO.: | CCCCN15 |
| SCALE (HORIZ): | |
| SCALE (VERT): | |
| PLOT DATE: | JAN 2014 |

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

Manhard CONSULTING LTD
 2016 Freestone Parkway, Suite 12 Carson City, NV 89702
 PH: (775) 882-5650

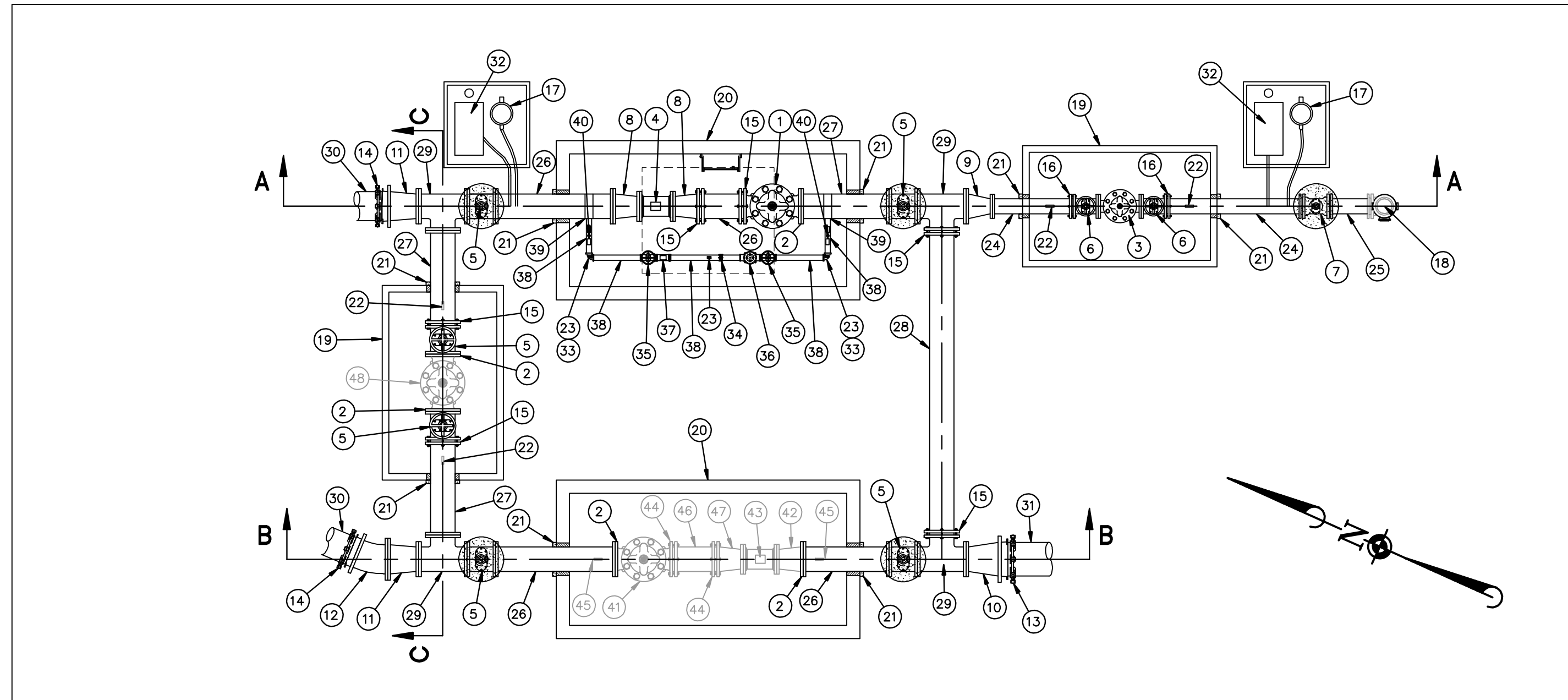
REBECCA C. BERNIER
 Exp 12/31/14
 CIVIL
 No. 19279

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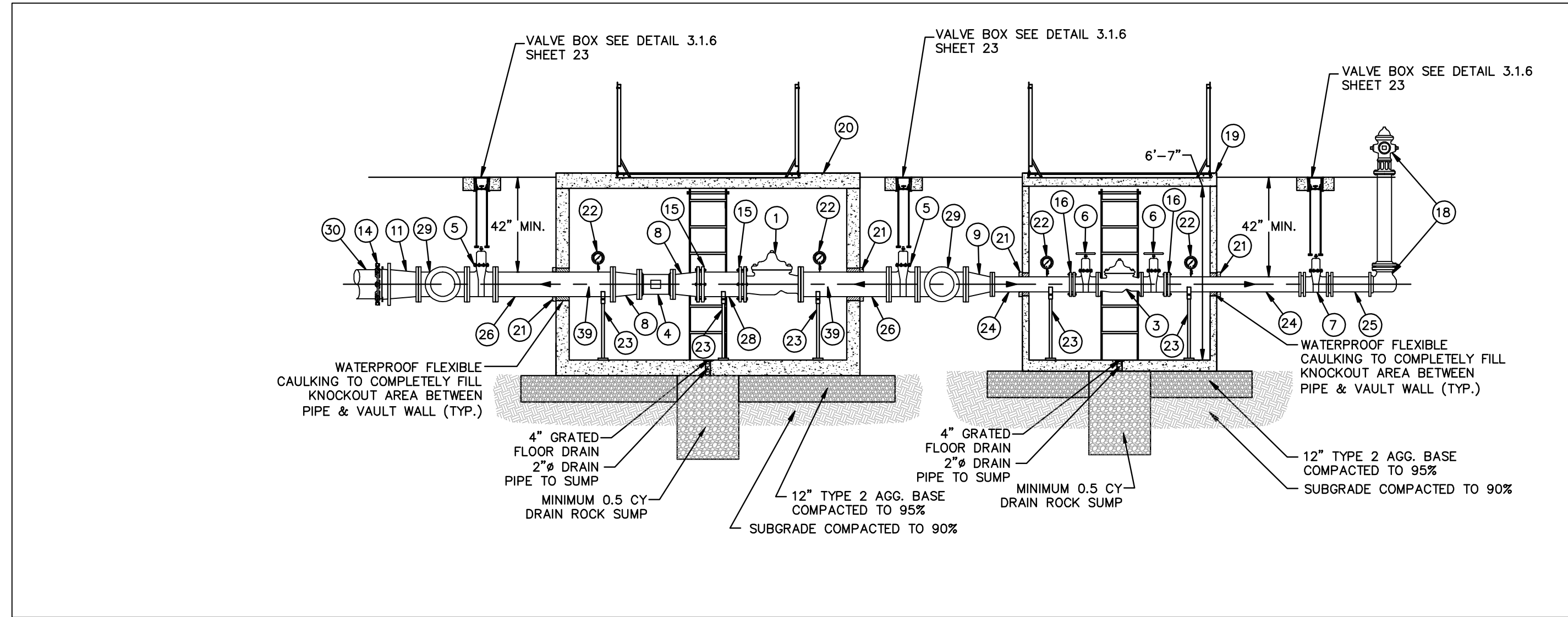
COSTCO INTERTIE & VISTA GRANDE WATERLINE
 PROJECT No: 04.1000
 GRADING PLAN

SHEET
18
OF
28

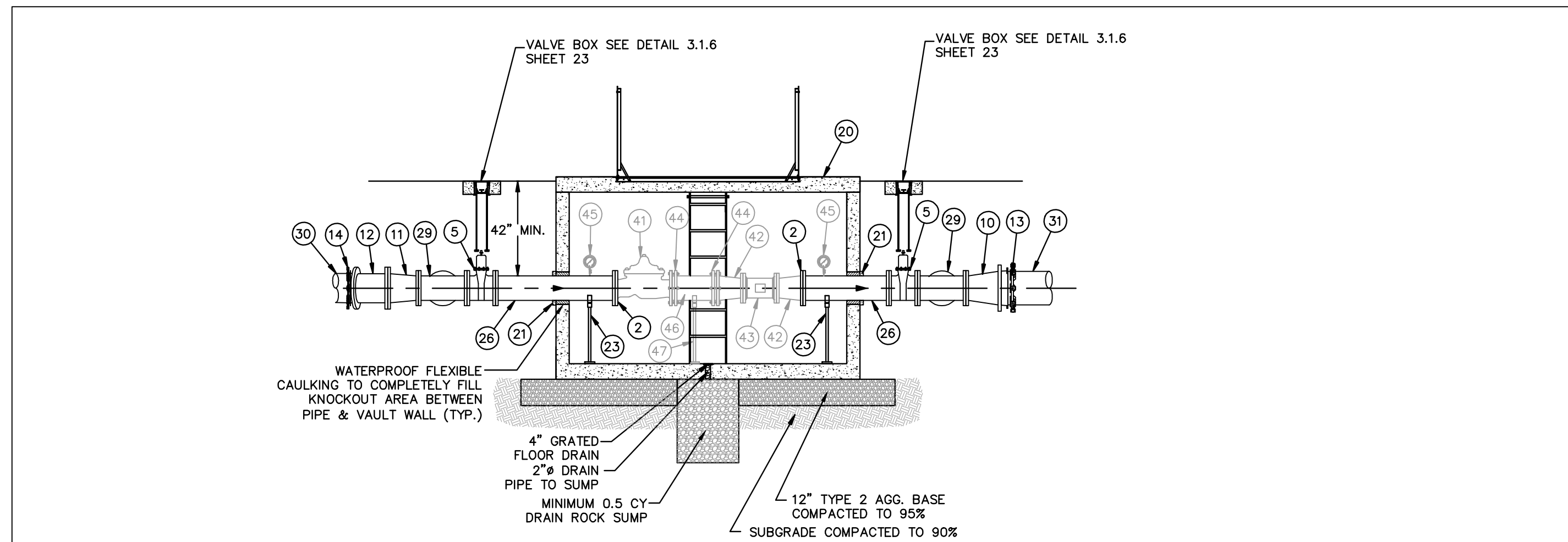
FOR BIDDING PURPOSES ONLY



PRV STATIONS - PLAN VIEW
SCALE: 1/4"=1'



SECTION A-A
SCALE: 1/4"=1'



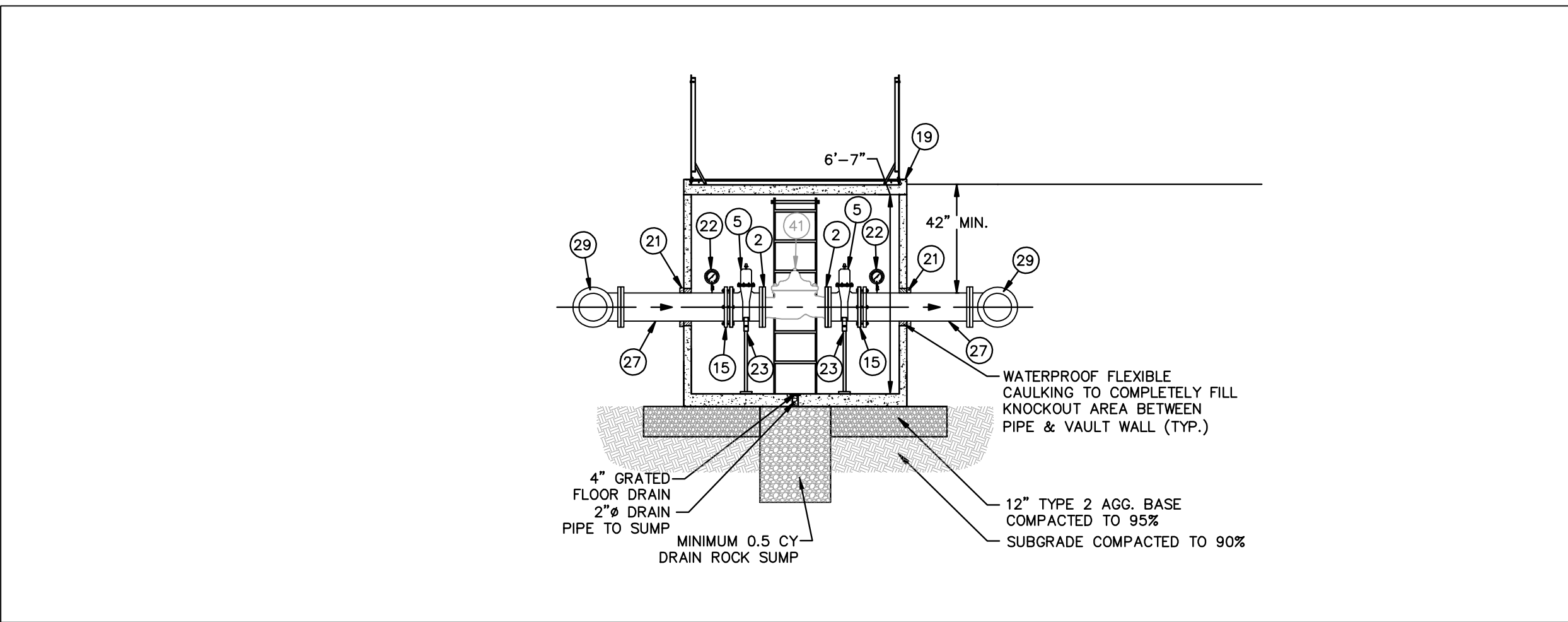
SECTION B-B
SCALE: 1/4"=1'

| ITEM NO. | QTY. | UNIT | DESCRIPTION |
|----------|------|------|---|
| 1 | 1 | EA. | 10" PRESSURE REDUCING/SUSTAINING VALVE, CLA-VAL MODEL 92-01, OR APPROVED EQUAL |
| 2 | 4 | EA. | 10" BLIND FLANGE |
| 3 | 1 | EA. | 6" PRESSURE REDUCING VALVE, CLA-VAL MODEL 90-01, OR APPROVED EQUAL |
| 4 | 1 | EA. | 8" FOXBORO 8300 SERIES MAGNETIC FLOWTUBE FLOWMETER |
| 5 | 6 | EA. | 10" FLANGED GATE VALVE |
| 6 | 2 | EA. | 6" FLANGED GATE VALVE |
| 7 | 1 | EA. | 6" MJ GATE VALVE |
| 8 | 2 | EA. | 10"x8" CONCENTRIC REDUCER |
| 9 | 1 | EA. | 10"x6" CONCENTRIC REDUCER |
| 10 | 1 | EA. | 14"x10" CONCENTRIC REDUCER |
| 11 | 2 | EA. | 12"x10" CONCENTRIC REDUCER |
| 12 | 1 | EA. | 12" 22.5 DEGREE ELBOW FLGxFLG |
| 13 | 1 | EA. | 14" EBBA SERIES 2100 MEGAFLANGE OR APPROVED EQUAL |
| 14 | 2 | EA. | 12" EBBA SERIES 2100 MEGAFLANGE OR APPROVED EQUAL |
| 15 | 6 | EA. | 10" FLANGED COUPLING ADAPTER |
| 16 | 2 | EA. | 6" FLANGED COUPLING ADAPTER |
| 17 | 2 | EA. | SAMPLING HYDRANT SEE DETAIL SHEET 20 |
| 18 | 1 | EA. | MUELLER A423 OR AVK SERIES 27 FIRE HYDRANT W/ RESTRAINT SYSTEM OR APPROVED EQUAL |
| 19 | 2 | EA. | JENSEN PRECAST 4'x6.5'x6.5' MODEL 557U VAULT WITH 487BAT COVER, OR APPROVED EQUAL |
| 20 | 2 | EA. | JENSEN PRECAST 5'x10.5'x6.5' 5106 SERIES VAULT WITH 487BAT COVER, OR APPROVED EQUAL |
| 21 | 8 | EA. | CONCRETE THRUST RESTRAINT COLLAR |
| 22 | 2 | EA. | 6" DIAMETER PRESSURE GAUGE, 0 - 250 PSI |
| 23 | 9 | EA. | PIPE SUPPORT, SEE DETAIL ON SHEET 20 |
| 24 | 6 | LF. | 6" D.I.P. SPOOL, FLGxPE |
| 25 | 4 | LF. | 6" D.I.P. SPOOL, PEXPE |
| 26 | 12 | LF. | 10" D.I.P. SPOOL, FLGxFLG |
| 27 | 12 | LF. | 10" D.I.P. SPOOL, FLGxPE |
| 28 | 12 | LF. | 10" D.I.P. SPOOL, PEXPE |
| 29 | 4 | EA. | 10" TEE FLGxFLG |
| 30 | - | EA. | 12" C-900 DR-25 PVC WATER MAIN (NOT INCLUDED IN LUMP SUM BID ITEM, SEE SHT 14.) |
| 31 | - | EA. | 14" C-905 DR-25 PVC WATER MAIN (NOT INCLUDED IN LUMP SUM BID ITEM, SEE SHT 10.) |
| 32 | 2 | EA. | POTABLE AIR RELEASE SEE DETAIL SHEET 20 |
| 33 | 2 | EA. | 2" 90° ELBOW |
| 34 | 1 | EA. | 2" VICTAULIC #07 COUPLING |
| 35 | 2 | EA. | 2" GATE VALVE |
| 36 | 1 | EA. | 2" PRESSURE REDUCING VALVE, CLA-VAL MODEL 90-01, OR APPROVED EQUAL |
| 37 | 1 | EA. | 2" FOXBORO 8300 SERIES MAGNETIC FLOWTUBE FLOWMETER |
| 38 | 9 | LF. | 2" SCH 40 STEEL PIPE LENGTH AND ENDS AS REQUIRED FUSION BONDED EPOXY COATING, INTERIOR AND EXTERIOR |
| 39 | 2 | EA. | SERVICE SADDLE WITH SERVICE TAP |
| 40 | 2 | EA. | 6" DIAMETER PRESSURE GAUGE W/ PRESSURE TRANSMITTER, SEE DETAIL SHT 20 |

| FUTURE EQUIPMENT AND FITTINGS (NOT INCLUDED IN BID) | |
|---|--|
| ITEM NO. | DESCRIPTION |
| 41 | 10" PRESSURE REDUCING/SUSTAINING VALVE, CLA-VAL MODEL 92-01, OR APPROVED EQUAL |
| 42 | 10"x8" CONCENTRIC REDUCER |
| 43 | 8" FOXBORO 8300 SERIES MAGNETIC FLOWTUBE FLOWMETER |
| 44 | 10" FLANGED COUPLING ADAPTER |
| 45 | 6" DIAMETER PRESSURE GAUGE |
| 46 | 10" D.I.P. SPOOL FLGxPE |
| 47 | PIPE SUPPORT |
| 48 | 10" PRESSURE RELIEF VALVE, CLA-VAL MODEL 90-01, OR APPROVED EQUAL |

NOTE:

- QUANTITIES SHOWN REFLECT OVERALL QUANTITIES FOR PRV STATIONS. CONTRACTOR TO VERIFY ALL QUANTITIES AND DIMENSIONS SHOWN HEREON.
- ALL FITTINGS ON THIS SHEET ARE TO BE FULLY RESTRAINED.



SECTION C-C
SCALE: 1/4"=1'

RCB
DIR
DIR
DIR
COUNCIL
SCALE (HORIZ): 1/4"=1'
SCALE (VERT):
PILOT DATE: JAN 2014

PROJ. MGR.:
PROJ. ASSOC.:
CHECKED BY:
DWG NO.:
CITY OF CARSON, CALIFORNIA

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

Manhard
CONSULTING LTD.
2425 Franklin Blvd., Suite 12
Las Vegas, NV 89102
PH: (775) 882-5650 FAX: (775) 882-7282

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA
DANIEL L. ROTTER
Exp 12-31-15
CIVIL
No. 22071

| REV. | DATE | DESCRIPTION | BY | APP. |
|------|------|-------------|----|------|
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COSTCO INTERTIE & VISTA GRANDE WATERLINE
PROJECT No: 04.1000
PRV PIPING LAYOUT AND SECTIONS

FOR BIDDING PURPOSES ONLY

January 15, 2014 - 14:29 Plot Name: P:\Projects\13\ManVista\Final Drawings\PRV PIPING LAYOUT AND SECTIONS.dwg Updated By: shanster