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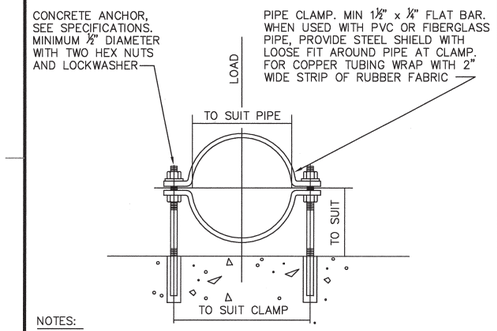
XREFS: los0sos-bdr, Co-SBM
N:\ACAD2008\los osos\01-sheets\B\B-MEC\ B-M-001 04/03/12 11:14 rushmo

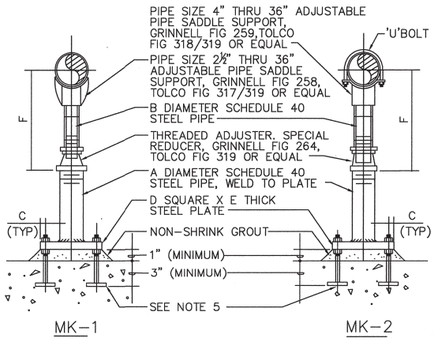


NOTES:

1. GALVANIZE ALL PARTS AFTER FABRICATION. WHERE SUBMERGED, PIPE CLAMP, NUTS, LOCKWASHERS, ANCHORS AND SHIELDS TO BE TYPE 316 STAINLESS STEEL
2. THIS PIPE CLAMP IS LIMITED TO PIPES UP TO 4" DIAMETER INCLUSIVE
3. FOR ADDITIONAL REQUIREMENTS SEE SPECIFICATIONS SECTION ' PIPE SUPPORTS'

PIPE CLAMP

(FOR PIPE 4" DIAMETER AND SMALLER) REV 042202 M-101



NOTES:

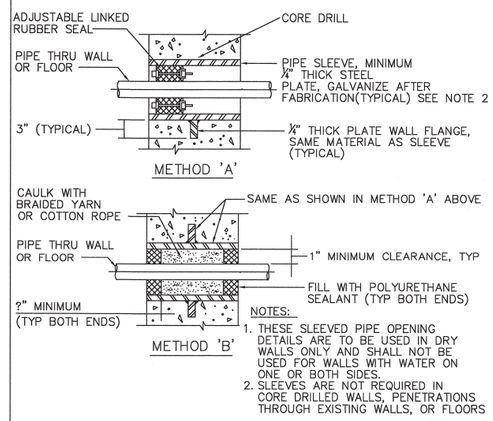
1. FOR ADDITIONAL REQUIREMENTS SEE SPEC SECTION 'PIPE SUPPORTS'.
2. GALVANIZE ALL PARTS AFTER FABRICATION.
3. WHERE PIPE SUPPORT OCCURS ON GRADE REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
4. THIS PIPE SUPPORT IS LIMITED TO PIPE FROM 2½" DIAMETER TO 36" DIAMETER INCLUSIVE.
5. GALVANIZED ANCHOR BOLT OR CONCRETE ANCHOR WITH TWO NUTS AND ONE LOCKWASHER. PROVIDE BAR 4 X ½ X 4" WELDED TO BOLT. (TYP OF 4) SEE SPECIFICATIONS.

DIMENSIONS IN INCHES							
NOMINAL PIPE SIZE	A	B	C	D	E	F (APPROX) (MINIMUM)	F (APPROX) (MAXIMUM)
2½	2	1½	1	6	⅜	7	11½
3	2	1½	1	6	⅜	7⅜	11⅞
3½	2	1 1/2	1	6	⅜	7⅜	12⅛
4	3	*2⅛/3	1⅛	7½	½	10¼	14¾
6	3	*2⅛/3	1⅛	7½	½	11⅜	16⅛
8	3	*2⅛/3	1⅛	7½	½	13⅜	18⅛
10	3	*2⅛/3	1⅛	7½	½	14⅝	19⅛
12	3	*2⅛/3	1⅛	7½	½	15⅝	20⅛
14	4	3	1¼	9	⅝	18⅞	23⅜
16	4	3	1¼	9	⅝	19⅛	24⅜
18	6	4	1½	11	¾	22¼	26¾
20	6	4	1½	11	¾	23¼	27¾
24	6	4	1½	11	¾	26½	31
30	6	4	1½	11	¾	29⅝	34⅛
32	6	4	1½	11	¾	30⅝	35⅛
36	6	4	1½	11	¾	32⅝	37⅛

* SEE MANUFACTURER

ADJUSTABLE PIPE SUPPORT WITH OR WITHOUT 'U' BOLT

(FOR PIPE 36" DIAMETER AND SMALLER) REV 011402 M-108

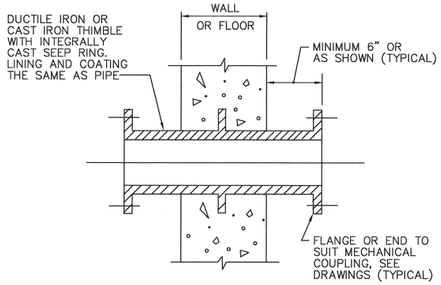


NOTES:

1. THESE SLEEVED PIPE OPENING DETAILS ARE TO BE USED IN DRY WALLS ONLY AND SHALL NOT BE USED FOR WALLS WITH WATER ON ONE OR BOTH SIDES.
2. SLEEVES ARE NOT REQUIRED IN CORE DRILLED WALLS, PENETRATIONS THROUGH EXISTING WALLS, OR FLOORS

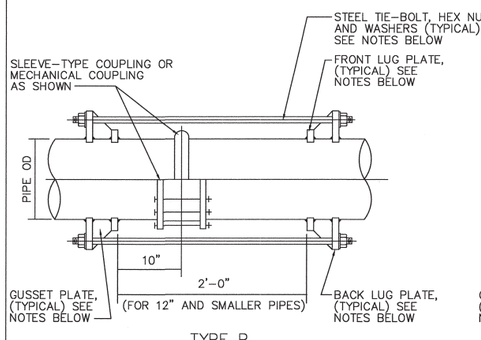
SLEEVED PIPE OPENING

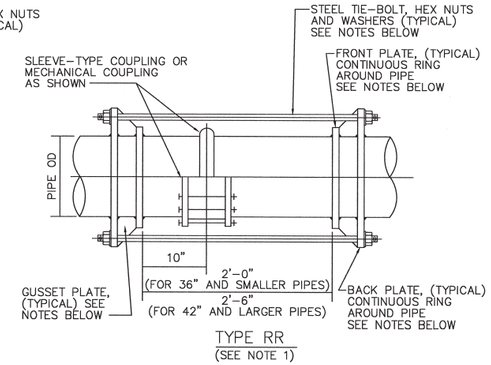
M-111



FLANGED OR GROOVED DUCTILE IRON OR CAST IRON PIPE THIMBLE

REV 061101 M-116



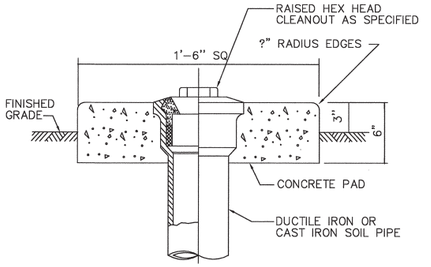


NOTES:

1. SEE AWWA MANUAL M-11 FOR HARNESS SET SIZE, TYPE AND DESIGN REQUIREMENTS.
2. WHERE BURIED TIE-BOLTS, HEX NUTS AND WASHERS SHALL BE TYPE 316 STAINLESS STEEL.

HARNESSED JOINT

REV 042502 M-156

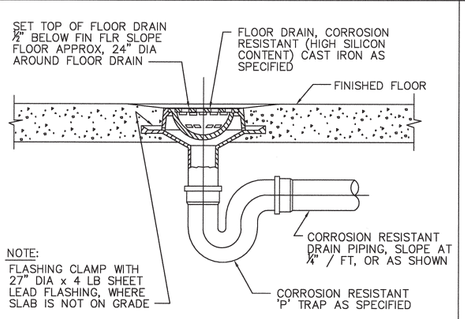


NOTE:

IN TRAFFIC AREAS PROVIDE FLUSH FINISH WITH 10" ID CAST IRON COVER AND FRAME AS SPECIFIED.

CLEANOUT TO GRADE

REV 011602 M-306



NOTE:

FLASHING CLAMP WITH 27" DIA x 4 LB SHEET LEAD FLASHING, WHERE SLAB IS NOT ON GRADE

CORROSION RESISTANT FLOOR DRAIN

REV 061101 M-310

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: ALP
DRAWN BY: MAR
CHECKED BY: SBM
DATE: APRIL 2012

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Sacramento, CA 95833
Tel: (916) 567-9900

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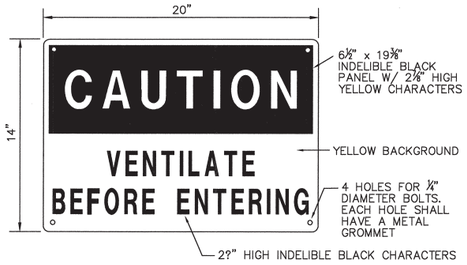
LOS OSOS WASTEWATER COLLECTION SYSTEM

MECHANICAL STANDARD DETAILS – 1

PROJECT NO.42502-83120
FILE NAME: B-M-001
SHEET NO.
B-M-001

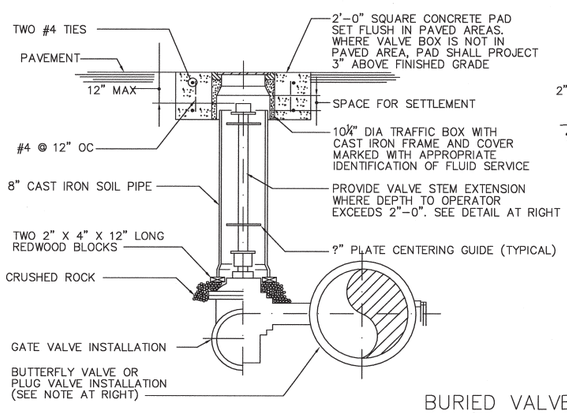


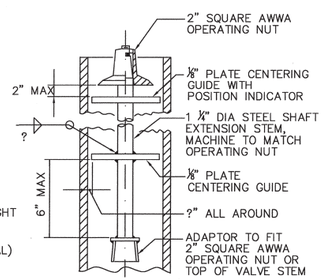
NOTES:

1. WARNING SIGN TO BE ABLE TO BEND TO A 9" RADIUS.
2. MATERIAL TO BE 0.060" THICK BUTYRATE OR EQUAL.
3. SIGN TO BE ATTACHED IN CONSPICUOUS LOCATION AT ENTRY OF STRUCTURE.

VENTILATION WARNING SIGN

REV 062801 M-509





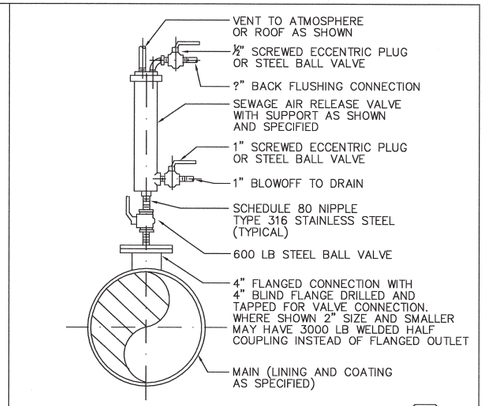
VALVE STEM EXTENSION

NOTE :

FOR LUBRICATED PLUG VALVE, EXTEND LUBRICATION LINE TO GRADE PER MANUFACTURERS INSTRUCTIONS

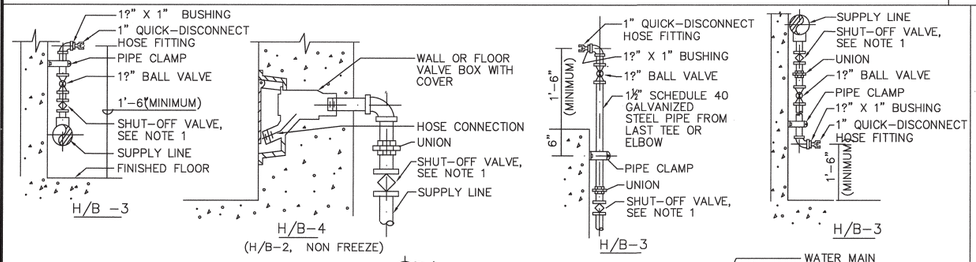
BURIED VALVE

REV 061801 M-803



SEWAGE AIR RELEASE VALVE

REV 061101 M-806



NOTES:

1. ALL HOSE VALVES TO BE CONTROLLED BY INDIVIDUAL SHUT-OFF VALVES (BALL OR PLUG VALVES) EXCEPT WHERE INDIVIDUALLY CONTROLLED BRANCH MAIN SERVES HOSE VALVES ONLY
2. FOR SIZE AND LOCATION SEE DRAWINGS
3. PROVIDE WARNING SIGN WHEN USED FOR NON-POTABLE WATER

HOSE VALVES

WITH QUICK-DISCONNECT REV 062001 M-839

REV. NO.	DATE	DRWN	CHKD	REMARKS

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DRAWN BY: MAR
CHECKED BY: SBM
DATE: APRIL 2012

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LOS OSOS WASTEWATER COLLECTION SYSTEM

MECHANICAL
STANDARD DETAILS – 2

PROJECT NO.42502-83120
FILE NAME: B-M-002
SHEET NO.
B-M-002

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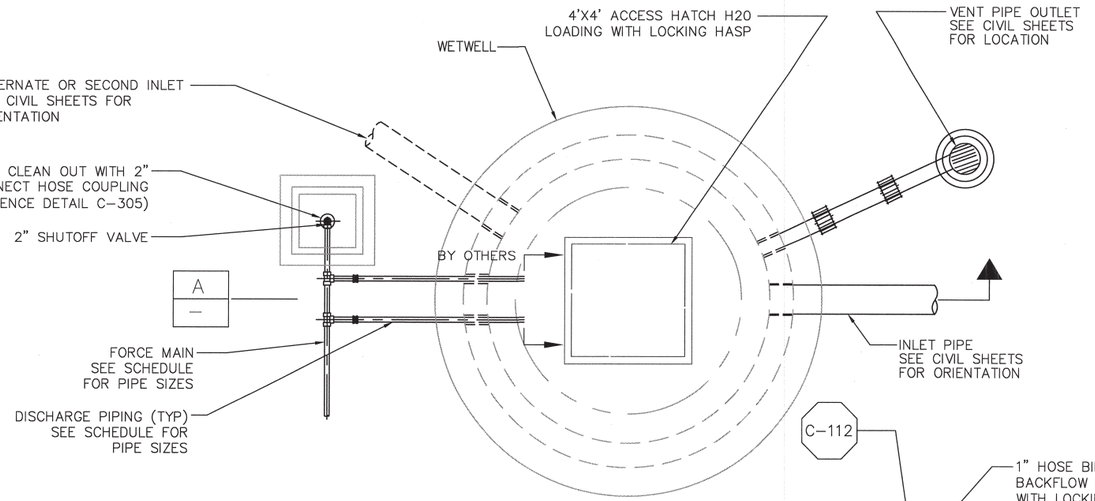
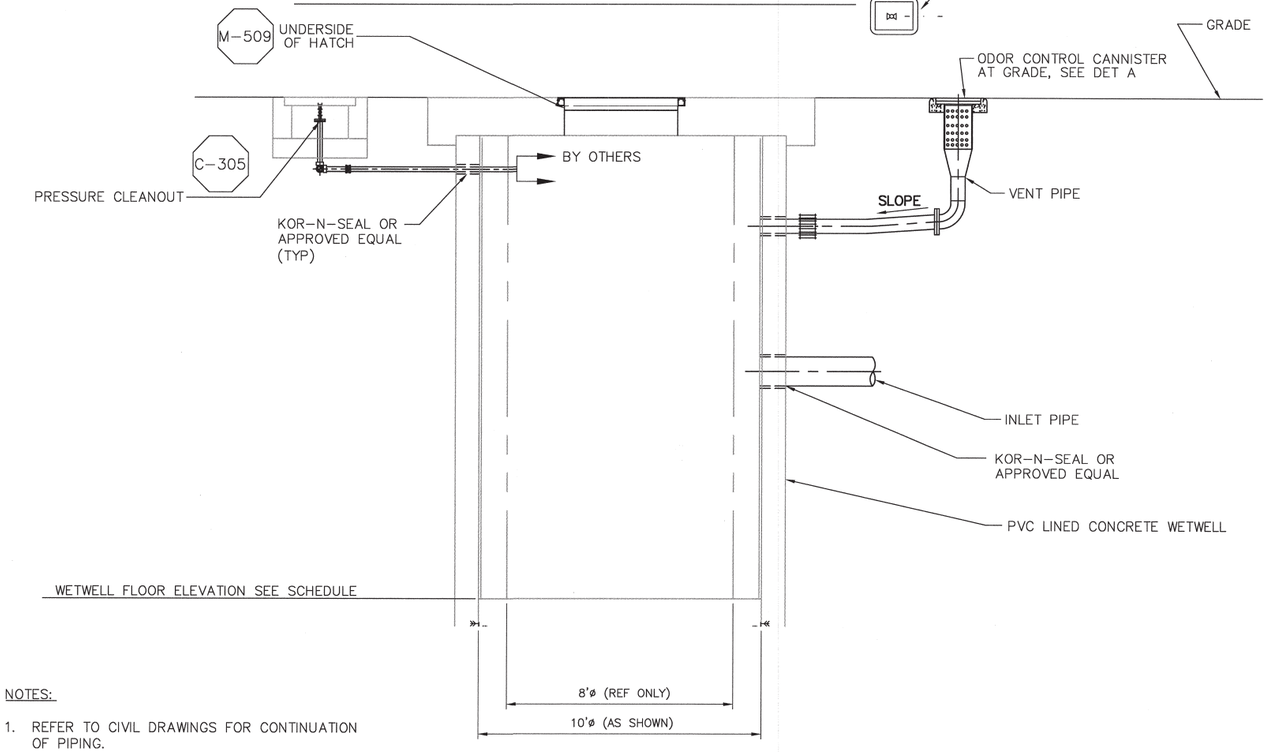


TYPICAL POCKET PUMP STATION PLAN

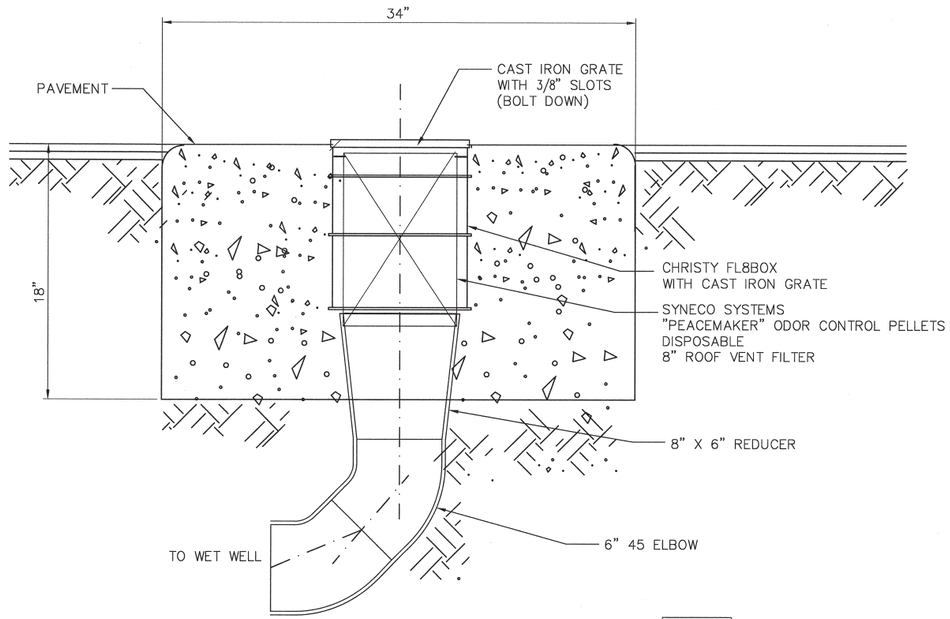


NOTES:

1. REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PIPING.
2. CONTRACTOR TO VERIFY INLET PIPING CONDITIONS WITH COLLECTION SYSTEM PIPING.
3. CONTRACTOR TO VERIFY INLET PIPING AND WETWELL ELEVATION CONDITIONS.

SECTION A
POCKET PUMP STATION –

POCKET GRINDER PUMP STATION SCHEDULE	
DESCRIPTION	5A
AREA	B
TOP WETWELL SLAB ELEVATION (FT)	88
WETWELL FLOOR ELEVATION(FT)	71.66
WETWELL DEPTH (FT)	16.34
WETWELL DIAMETER (FT)	10
INLET PIPING SIZE (IN)	8
NUMBER OF INLETS	2
INLET PIPING INVERT ELEVATION (FT)	81.79 75.83
DISCHARGE PIPING SIZE (IN)	2
FORCE MAIN SIZE (IN)	3
FORCE MAIN CENTERLINE ELEVATION (FT)	84.88



ODOR CONTROL A
CANNISTER DETAIL –

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REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MPH
DRAWN BY: JAW
CHECKED BY: CCA
DATE: APRIL 2012

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Sacramento, CA 95833
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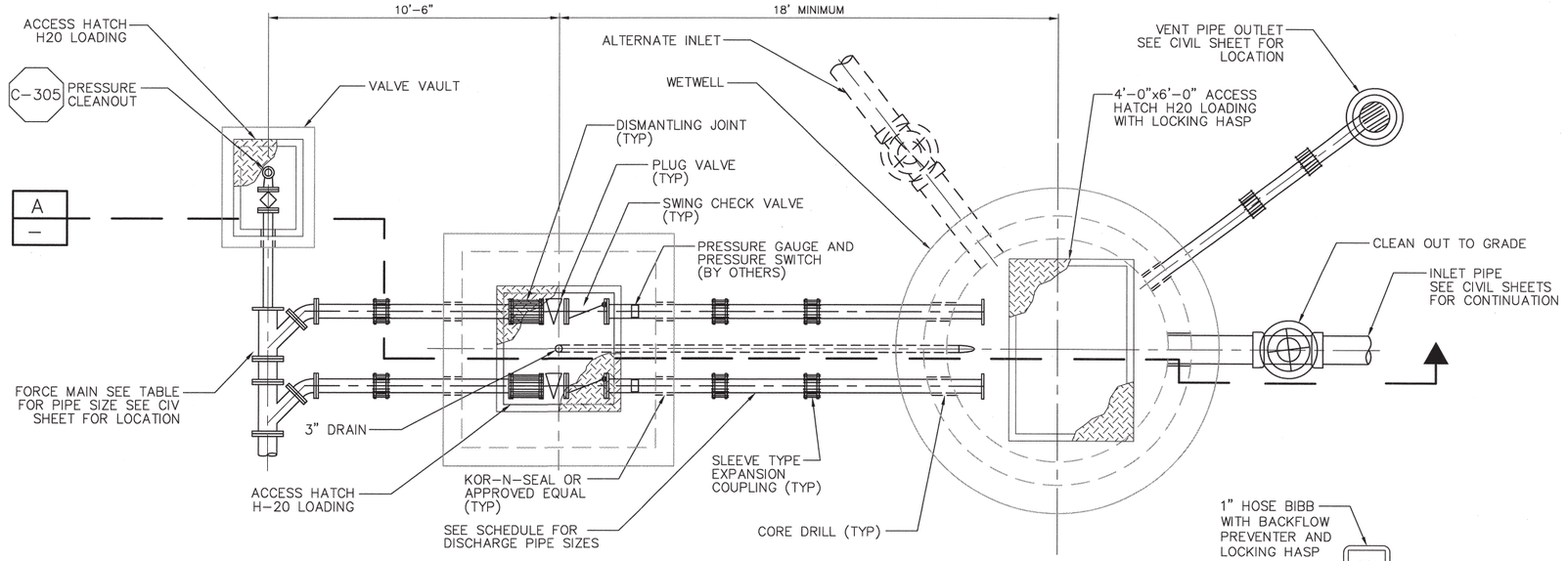
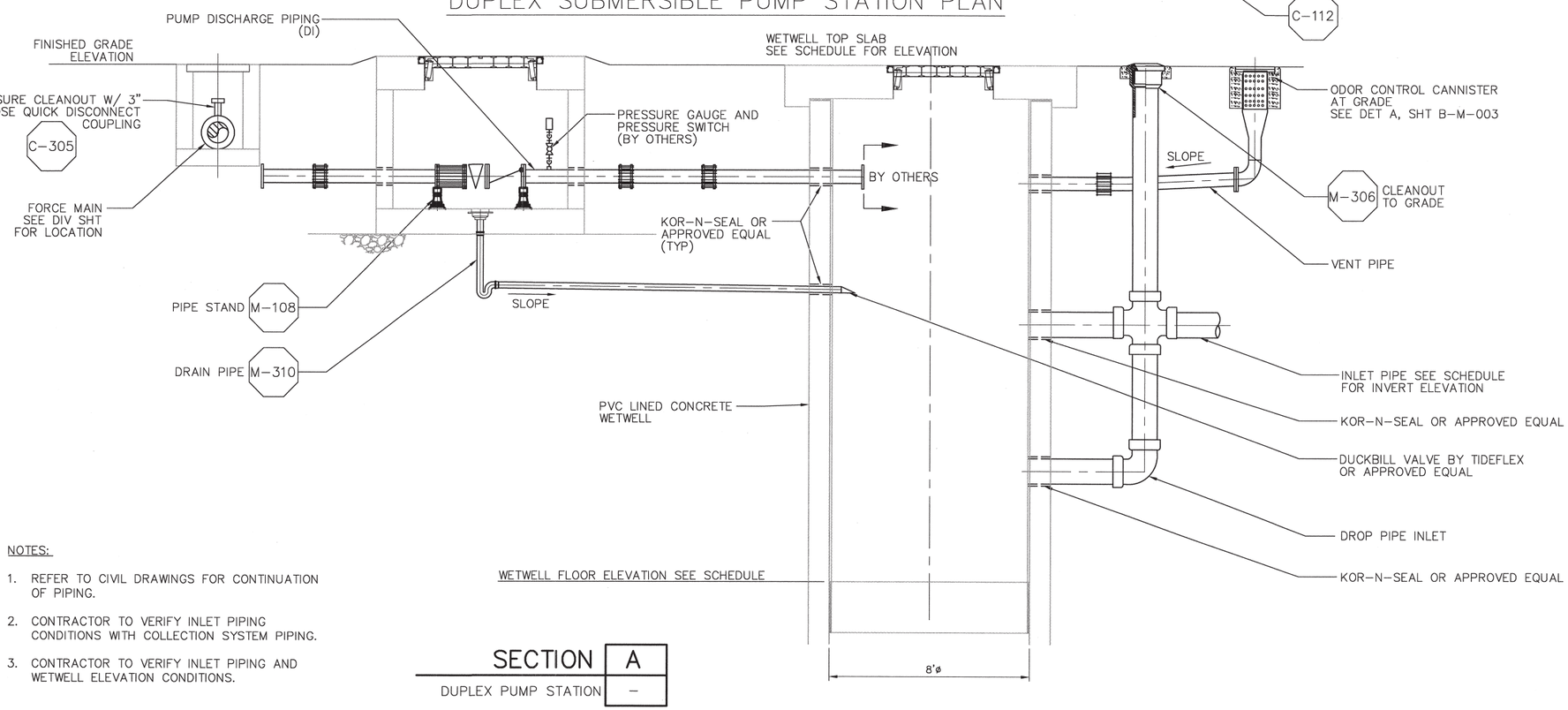
LOS OSOS WASTEWATER COLLECTION SYSTEM
MECHANICAL POCKET PUMP STATIONS PLAN & SECTIONS

PROJECT NO.42502-83120
FILE NAME: B-M-003
SHEET NO.
B-M-003



DUPLEX SUBMERSIBLE PUMP STATION PLAN

DUPLEX PUMP STATION SCHEDULE		
DESCRIPTION	SOLANO	LUPINE
AREA	B	B
TOP WETWELL SLAB ELEVATION (FT)	15.6	12.5
WETWELL FLOOR ELEVATION(FT)	-1.7	-9.7
WETWELL DEPTH (FT)	17.3	22.2
INLET PIPING SIZE (IN)	8	12
NUMBER OF INLETS	1	2
INLET PIPING INVERT ELEVATION (FT)	5.06	0.12
		-0.30
DISCHARGE PIPING SIZE (IN)	6	6
FORCE MAIN SIZE (IN)	6	8
FORCE MAIN CENTERLINE ELEVATION (FT)	12.4	8.5



NOTES:

1. REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PIPING.
2. CONTRACTOR TO VERIFY INLET PIPING CONDITIONS WITH COLLECTION SYSTEM PIPING.
3. CONTRACTOR TO VERIFY INLET PIPING AND WETWELL ELEVATION CONDITIONS.

SECTION	A
DUPLEX PUMP STATION	–

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DRAWN BY: JAW
CHECKED BY: CCA
DATE: APRIL 2012

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Sacramento, CA 95833
Tel: (916) 567-9900

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LOS OSOS WASTEWATER COLLECTION SYSTEM

MECHANICAL SUBMERSIBLE PUMP STATIONS DUPLEX LAYOUT – PLAN & SECTION

PROJECT NO.42502-8312C
FILE NAME: B-M-004
SHEET NO.
B-M-004

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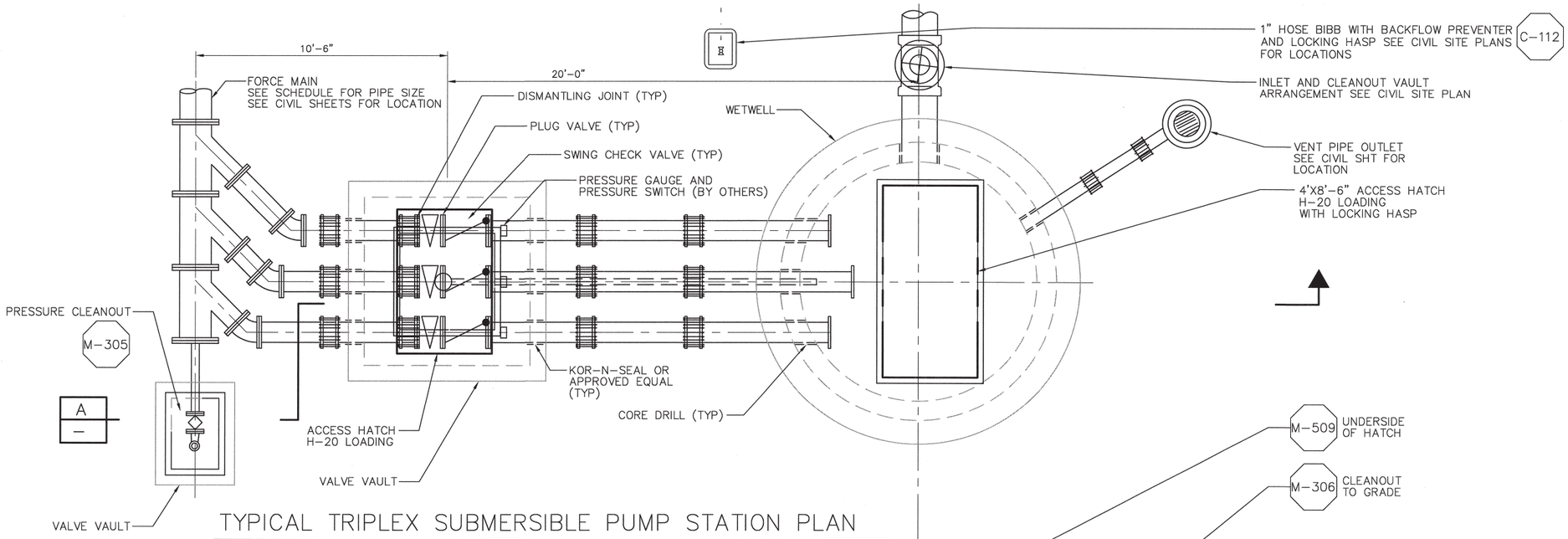
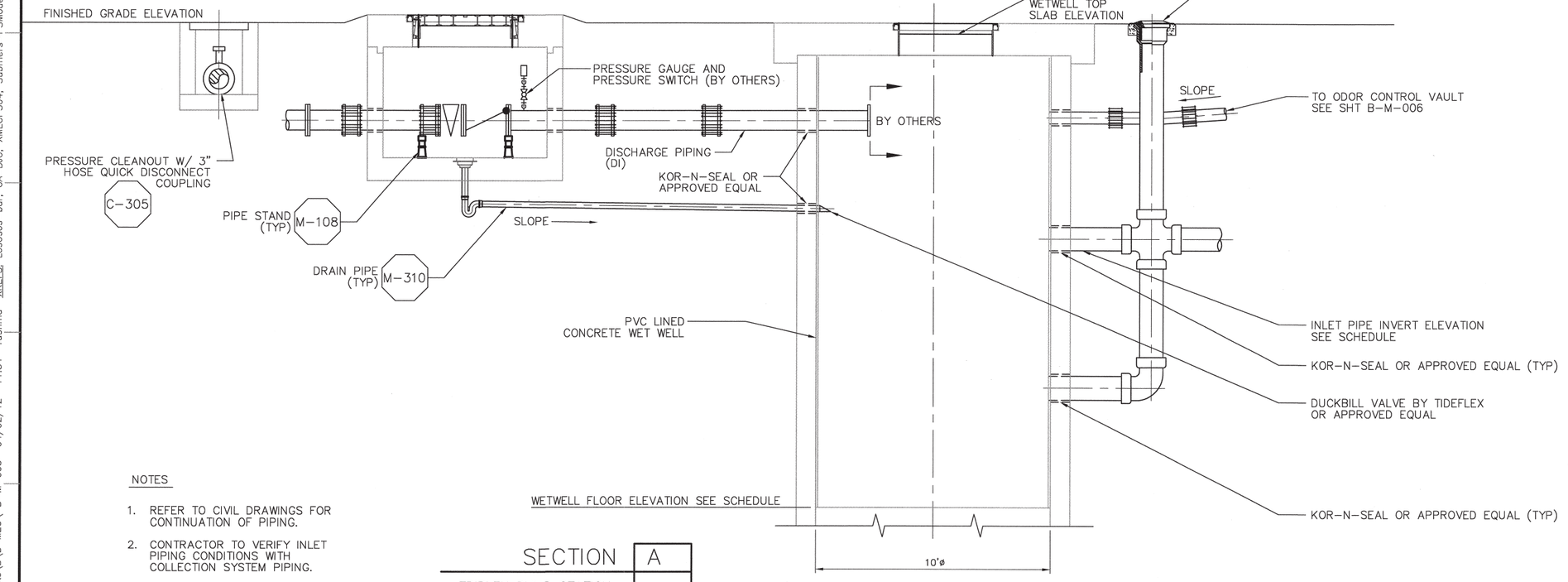
TRIPLEX PUMP STATION SCHEDULE	
DESCRIPTION	MID-TOWN
AREA	B
TOP WETWELL SLAB ELEVATION (FT)	98.0
WETWELL FLOOR ELEVATION(FT)	76.3
WETWELL DEPTH (FT)	21.7
INLET PIPING SIZE (IN)	18
NUMBER OF INLETS	1
INLET PIPING INVERT ELEVATION (FT)	85.9
DISCHARGE PIPING SIZE (IN)	10
FORCE MAIN SIZE (IN)	16
FORCE MAIN CENTERLINE ELEVATION (FT)	94.3



TYPICAL TRIPLEX SUBMERSIBLE PUMP STATION PLAN



NOTES

1. REFER TO CIVIL DRAWINGS FOR CONTINUATION OF PIPING.
2. CONTRACTOR TO VERIFY INLET PIPING CONDITIONS WITH COLLECTION SYSTEM PIPING.
3. CONTRACTOR TO VERIFY INLET PIPING AND WETWELL ELEVATION CONDITIONS.

SECTION A
TRIPLEX PUMP STATION –

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MPH
DRAWN BY: JAW
CHECKED BY: CCA
DATE: APRIL 2012

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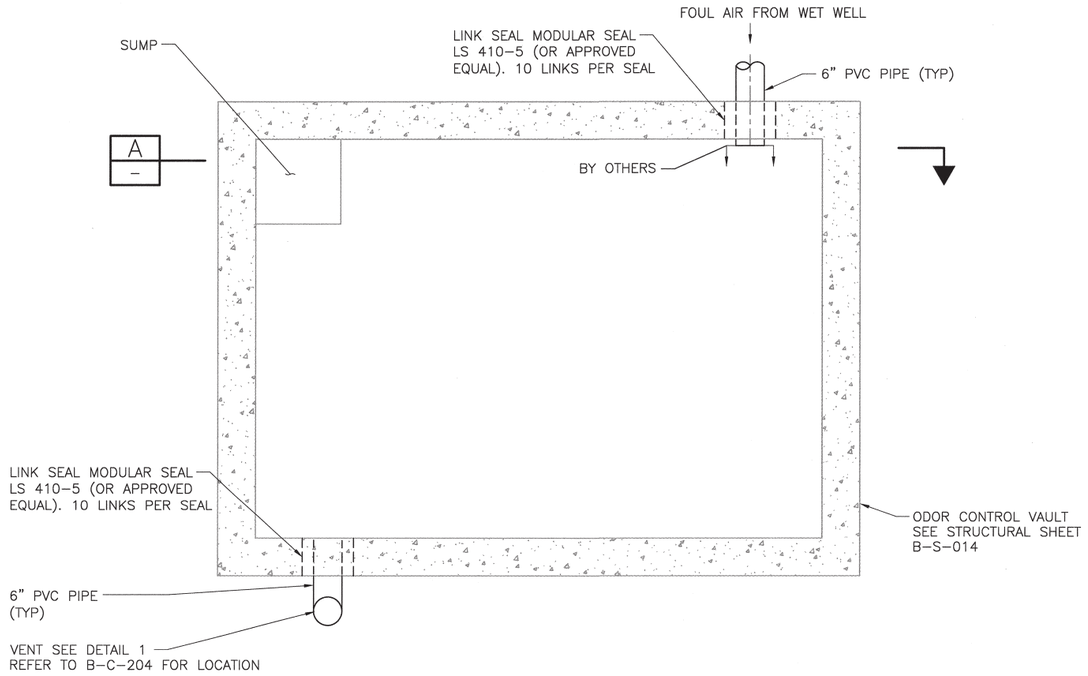
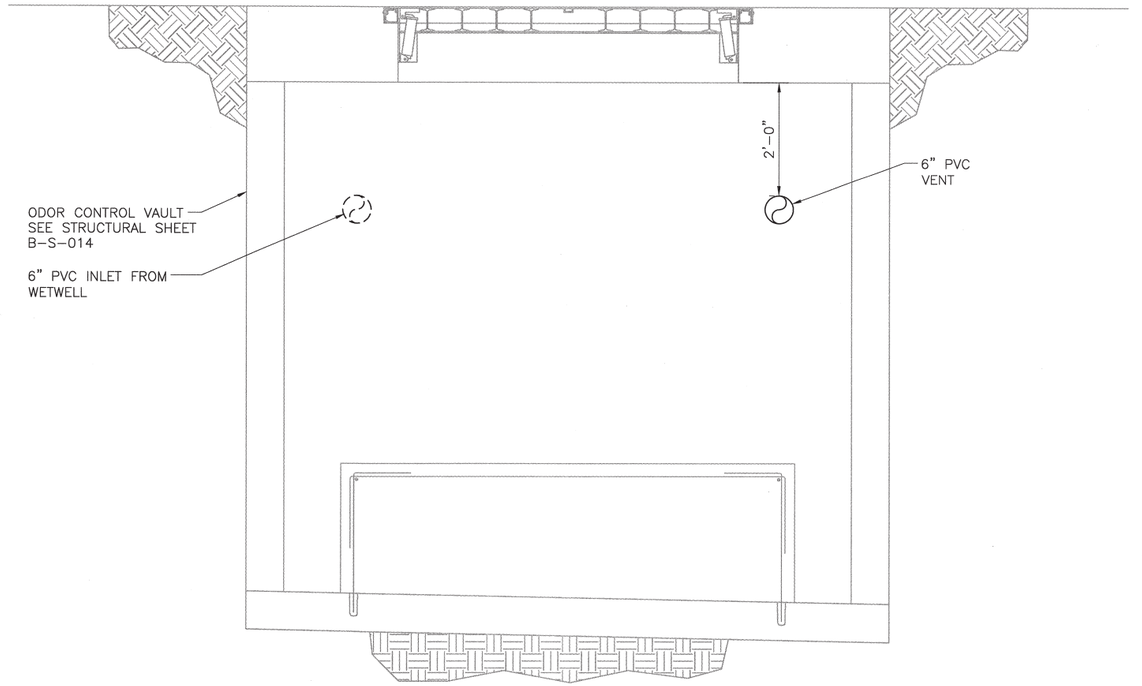
LOS OSOS WASTEWATER COLLECTION SYSTEM
MECHANICAL SUBMERSIBLE PUMP STATIONS TRIPLEX LAYOUT – PLAN & SECTION

PROJECT NO.42502-8312C
FILE NAME: B-M-005
SHEET NO.
B-M-005



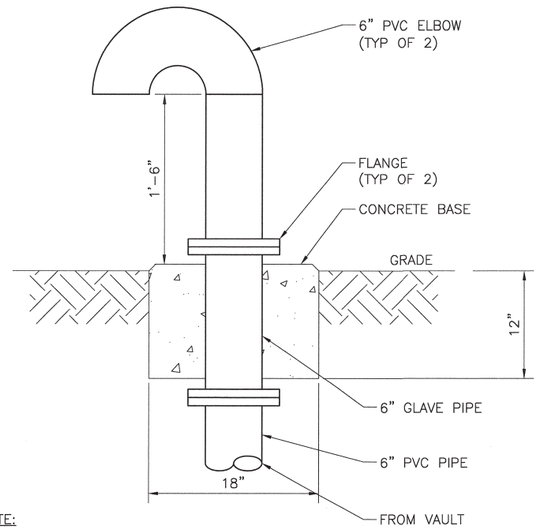
ODOR CONTROL VAULT

SCALE: 3/4"=1'-0"



ODOR CONTROL VAULT

SECTION	A
SCALE: 3/4"=1'	–



NOTE:

1. ALL PVC PIPE SHALL BE SCHEDULE 40

VENT

DETAIL	1
SCALE: NONE	–

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: MWH
DRAWN BY: MAR
CHECKED BY: CCA
DATE: APRIL 2012

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LOS OSOS WASTEWATER COLLECTION SYSTEM

ODOR CONTROL VAULT MID TOWN PUMP STATION

PROJECT NO.42502-8312C
FILE NAME: B-M-006
SHEET NO.
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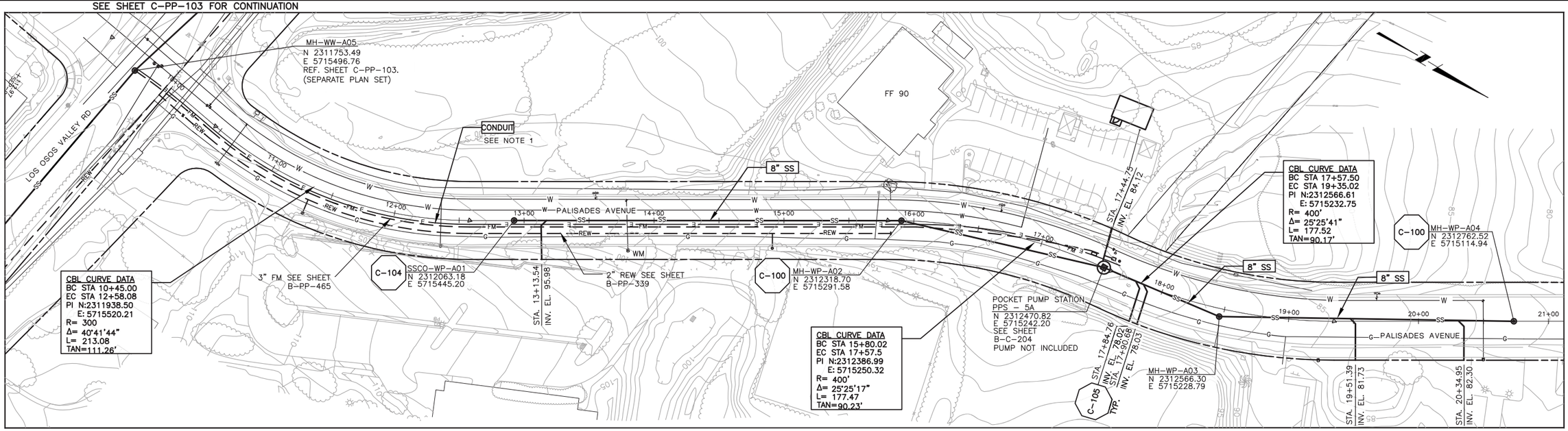
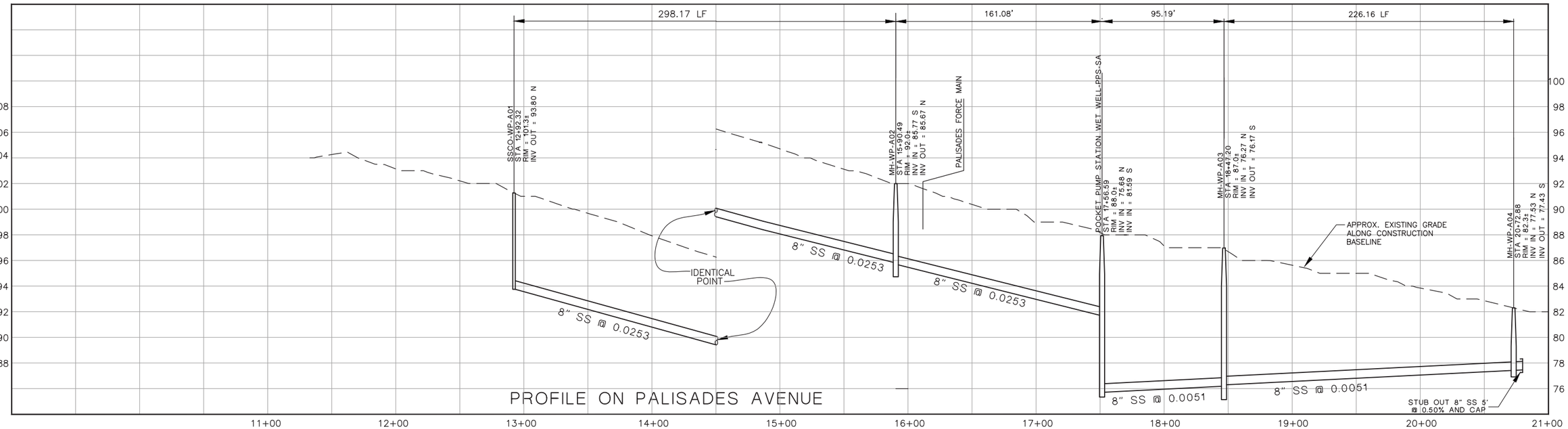
SEE SHEET C-PP-103 FOR CONTINUATION

SEE SHEET C-PP-103 FOR CONTINUATION



PLAN ON PALISADES AVENUE



PROFILE ON PALISADES AVENUE

NOTES:

1. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES.
2. TERMINATE CONDUIT AT PROPERTY LINE.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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Sacramento, CA 95833
Tel: (916) 567-9900

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PLAN AND PROFILE
PALISADES AVENUE
STA 12+90 TO STA 20+75

PROJECT NO.42502-83120
FILE NAME: B-PP-100
SHEET NO.
B-PP-100

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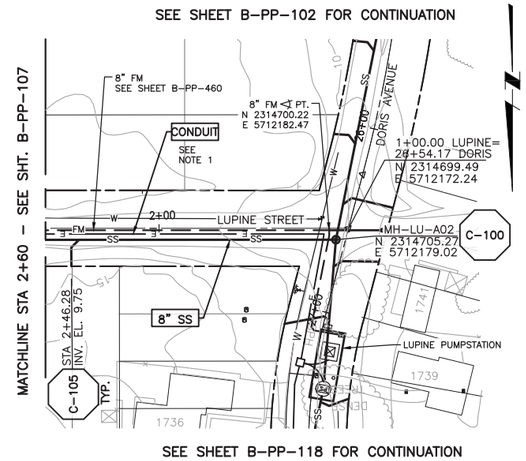
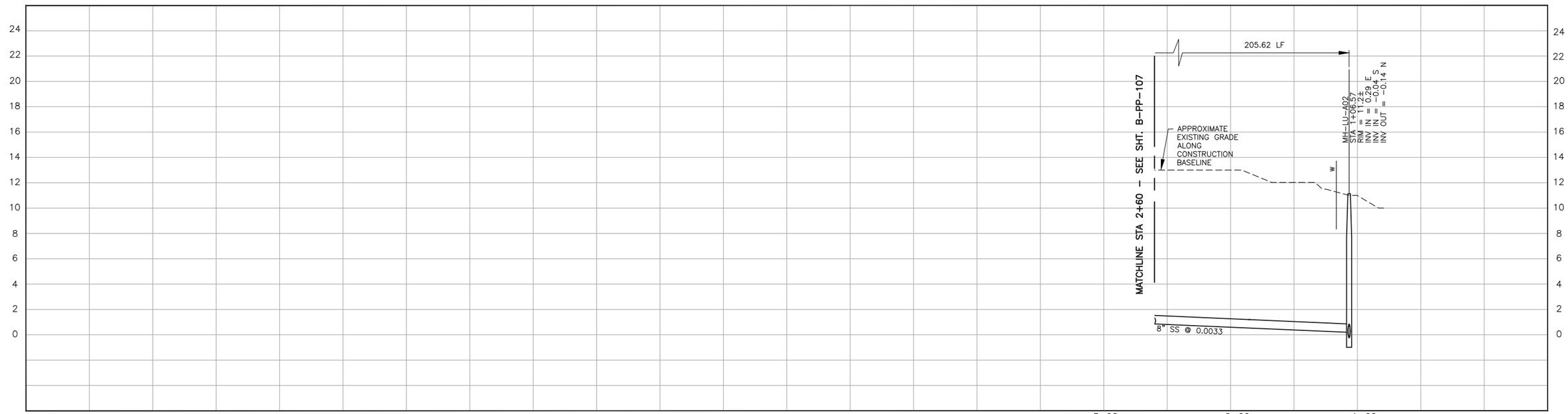


PLAN ON LUPINE STREET



PROFILE ON LUPINE STREET

CONSTRUCTION
BASELINE
STATION

NOTES:

1. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

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PLAN AND PROFILE
LUPINE STREET
STA 1+05 TO STA 2+60

PROJECT NO.42502-83120
FILE NAME: B-PP-101
SHEET NO.
B-PP-101

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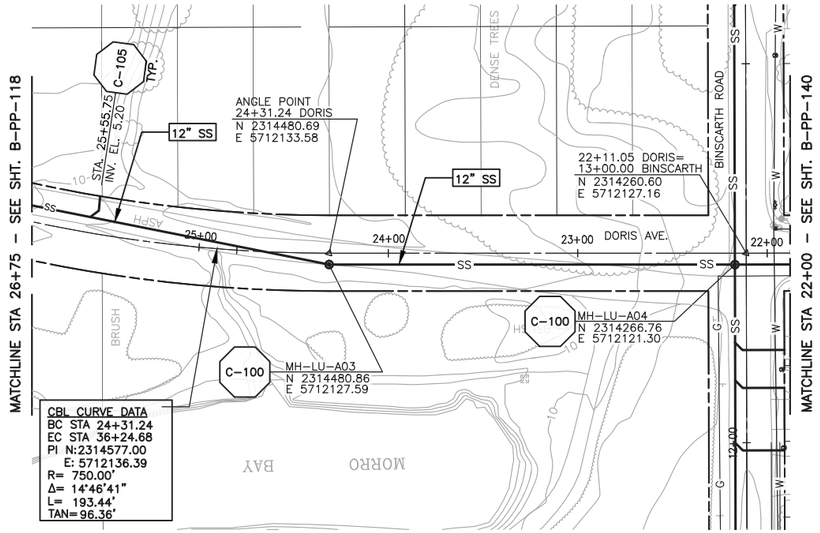
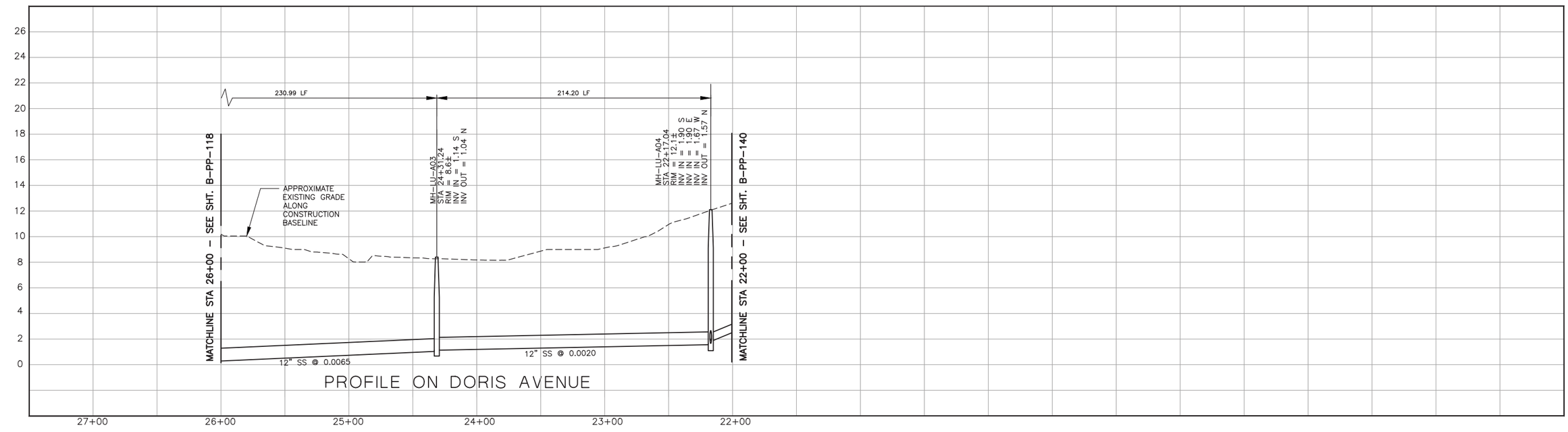
SEE SHEET B-PP-120 FOR CONTINUATION



SEE SHEET B-PP-103 FOR CONTINUATION

PLAN ON DORIS AVENUE



PROFILE ON DORIS AVENUE

CONSTRUCTION BASELINE STATION

NOTES:

1.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PLAN AND PROFILE
DORIS AVENUE
STA 22+00 TO STA 26+75

PROJECT NO.42502-83120
FILE NAME: B-PP-102
SHEET NO.
B-PP-102

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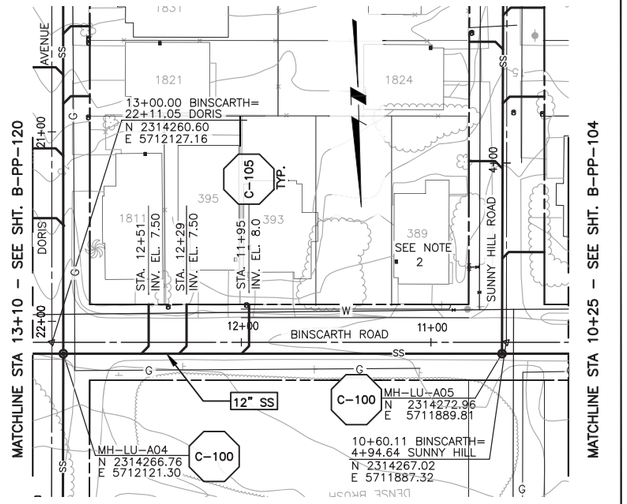
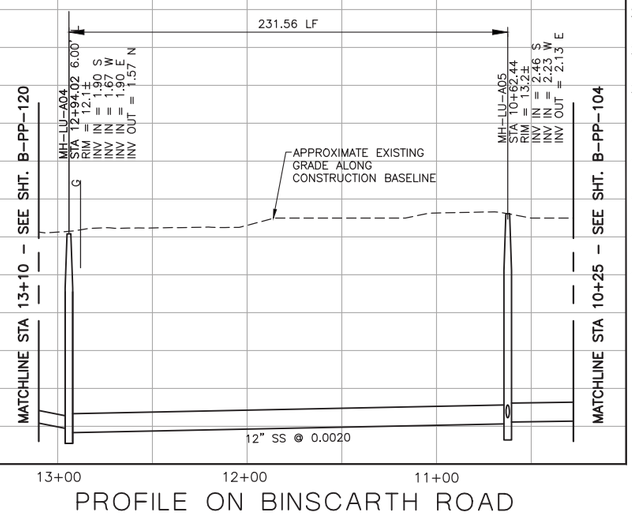
SEE SHEET B-PP-140 FOR CONTINUATION

SEE SHEET B-PP-144 FOR CONTINUATION



SEE SHEET B-PP-102 FOR CONTINUATION

PLAN ON BINSCARTH ROAD



PROFILE ON BINSCARTH ROAD

CONSTRUCTION
BASELINE
STATION

NOTES:

1.
2. 389 BINSCARTH SERVED ON SUNNY HILL RD.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PLAN AND PROFILE
BINSCARTH ROAD
STA 10+25 TO STA 13+10

PROJECT NO.42502-83120
FILE NAME: B-PP-103

SHEET NO.
B-PP-103

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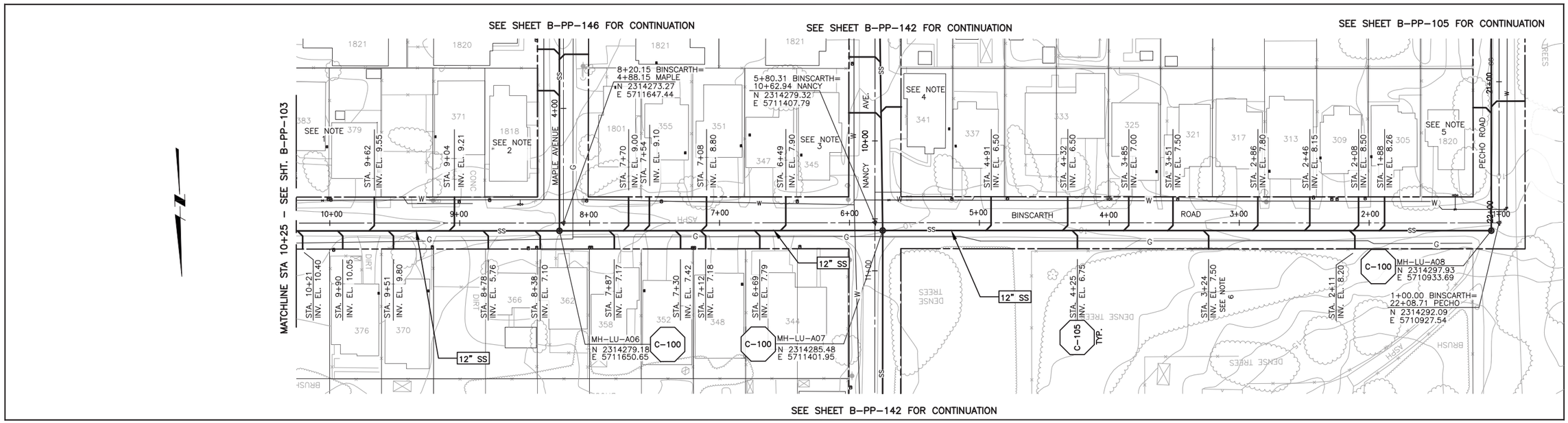
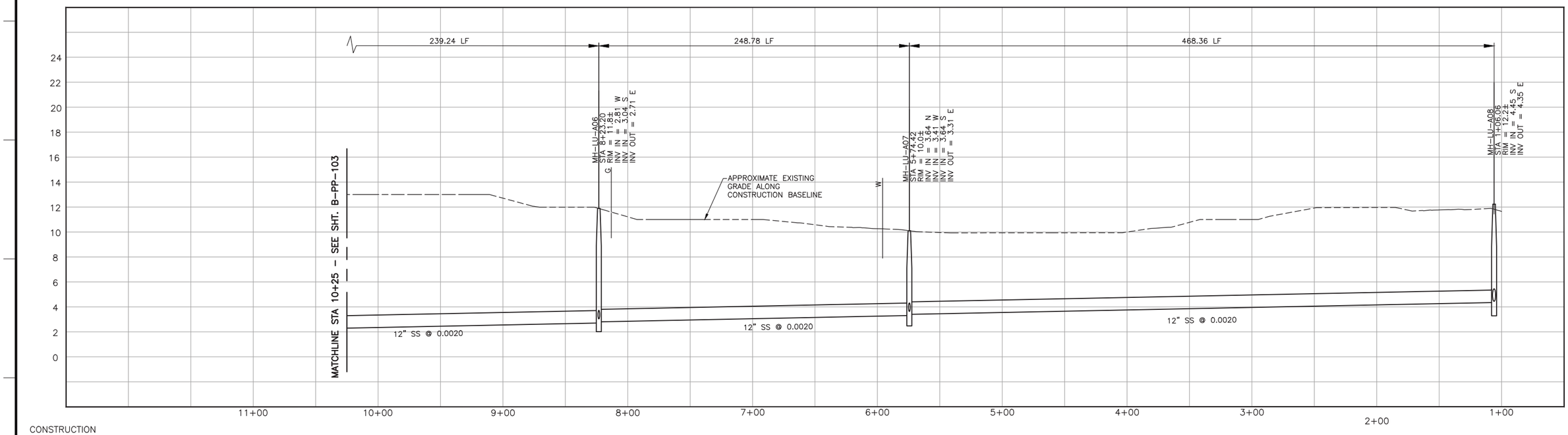


PLAN ON BINSCARTH ROAD



NOTES: PROFILE ON BINSCARTH ROAD

1. 383 BINSCARTH SERVED ON SUNNY HILL RD.
2. 1818 MAPLE SERVED ON MAPLE AVE
3. 345 BINSCARTH SERVED ON NANCY AVE
4. 341 BINSCARTH SERVED ON NANCY AVE
5. 1820 PECHO SERVED ON PECHO RD.
6. LATERAL SERVES ASSESSMENT NO. 2738 (1780 PECHO)

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PLAN AND PROFILE
BINSCARTH ROAD
STA 1+00 TO STA 10+25

PROJECT NO.42502-83120
FILE NAME: B-PP-104
SHEET NO.
B-PP-104

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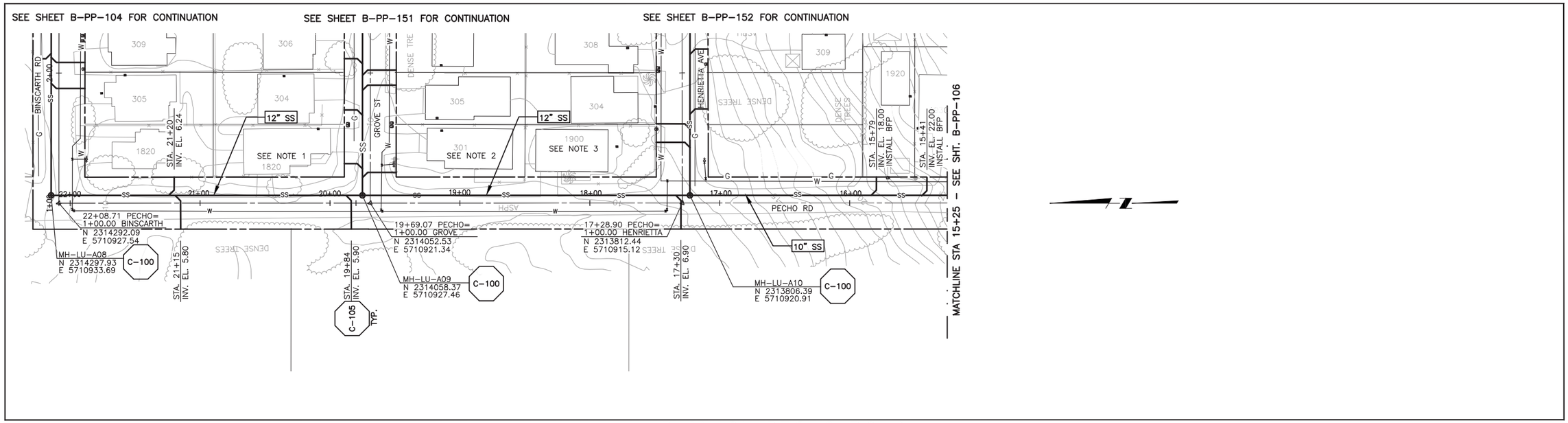
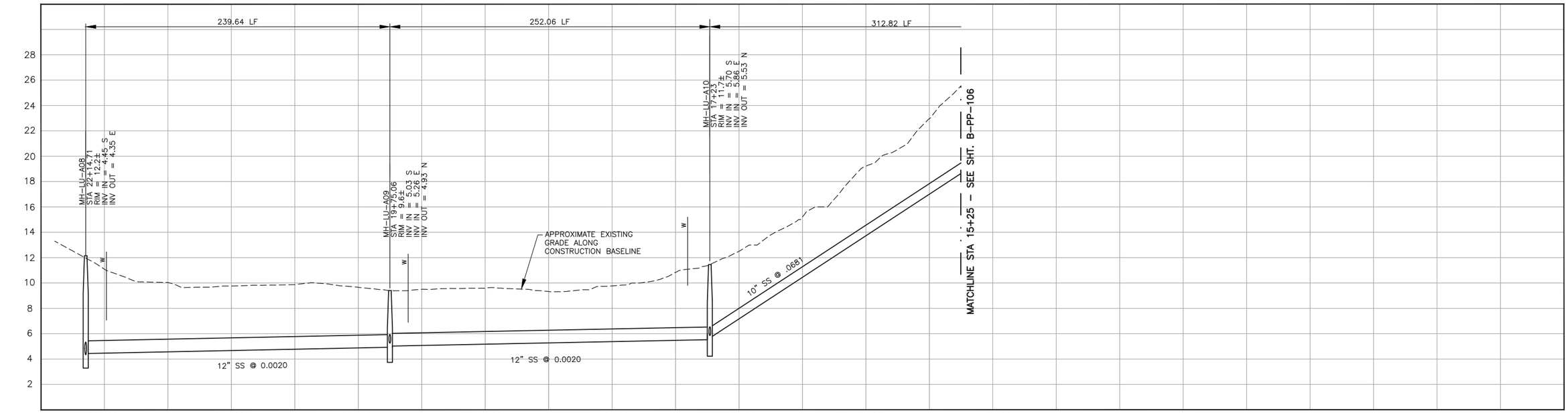


PLAN ON PECHO ROAD



PROFILE ON PECHO ROAD

NOTES:

1. 1820 PECHO RD. SERVED ON GROVE ST.
2. 301 GROVE ST. SERVED ON GROVE ST.
3. 1900 PECHO RD. SERVED ON HENRIETTA

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

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PLAN AND PROFILE
PECHO ROAD
STA 15+25 TO STA 22+15

PROJECT NO.42502-83120
FILE NAME: B-PP-105
SHEET NO.
B-PP-105

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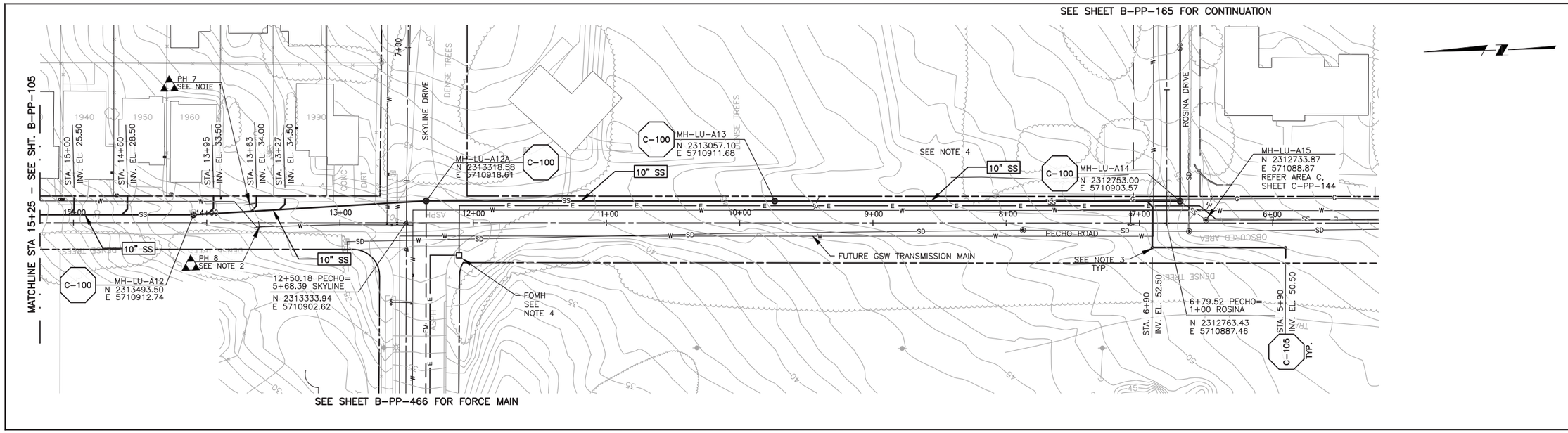
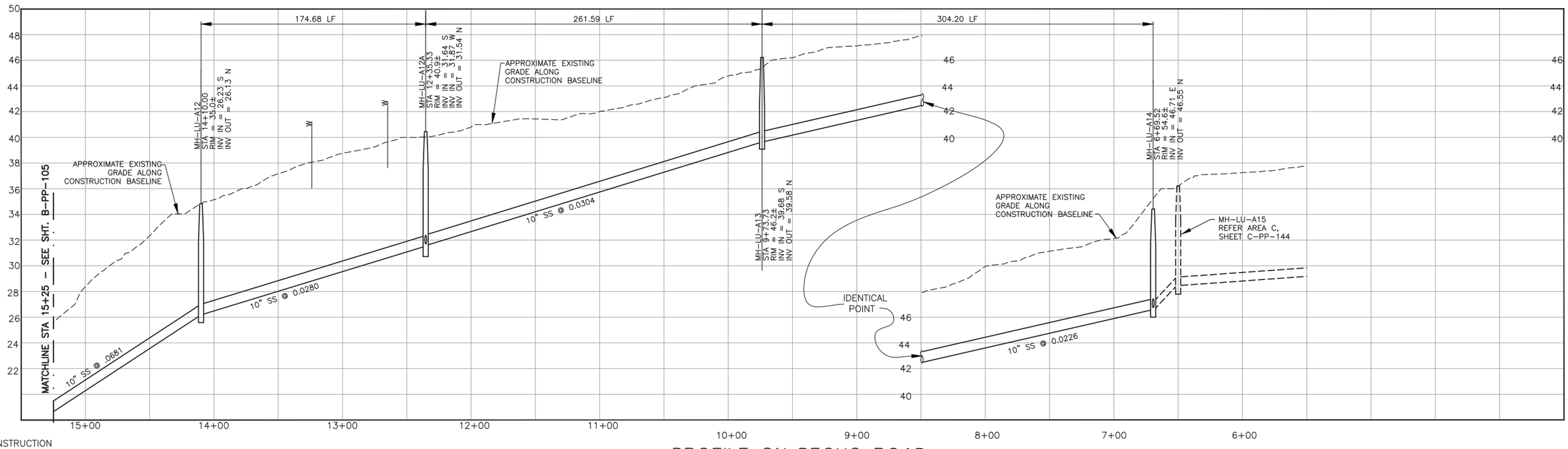


PLAN ON PECHO ROAD



PROFILE ON PECHO ROAD

NOTES:

1. 2" GAS TOP OF PIPE 42" BELOW GROUND
2. 6" WATER TOP OF PIPE 47" BELOW GROUND
3. CONSTRUCT SANITARY SEWER CLEANOUT W/TRAFFIC RATED LID
4. REFER TO B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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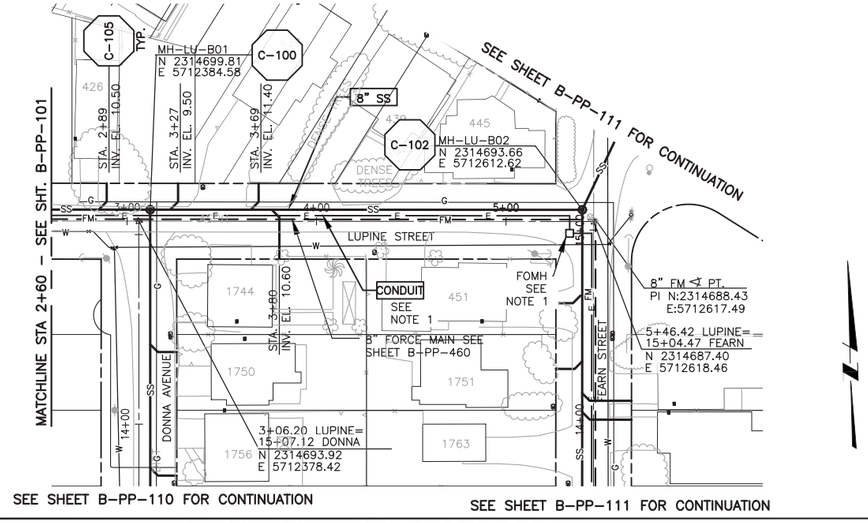
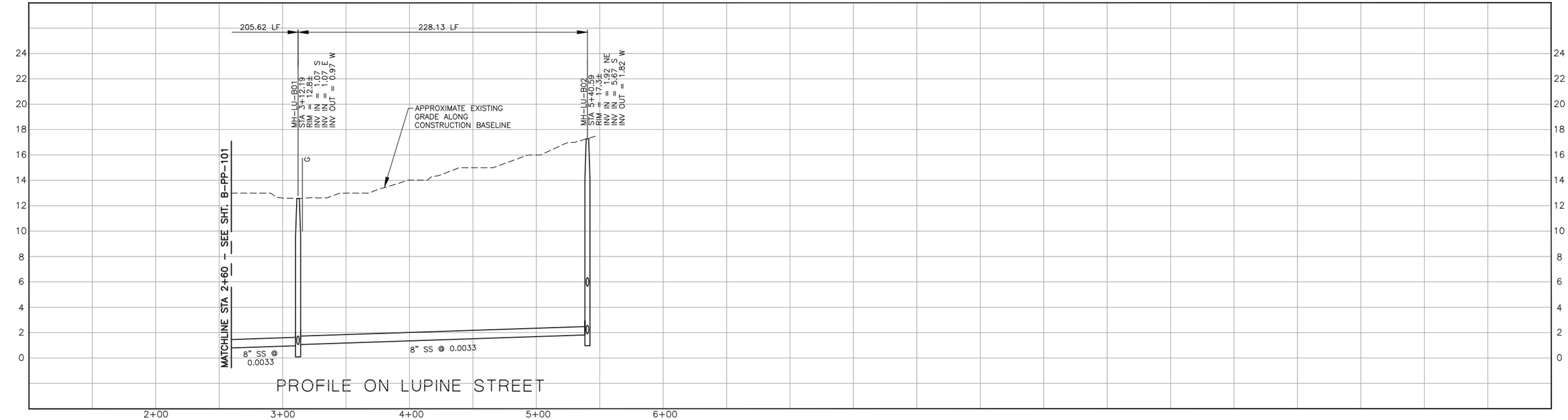
PLAN AND PROFILE
PECHO ROAD
STA 6+70 TO STA 15+25

PROJECT NO.42502-83120
FILE NAME: B-PP-106
SHEET NO.
B-PP-106



PLAN ON LUPINE STREET



PROFILE ON LUPINE STREET

CONSTRUCTION BASELINE STATION

NOTES:

1. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PLAN AND PROFILE
LUPINE STREET
STA 2+60 TO STA 5+45

PROJECT NO.42502-83120
FILE NAME: B-PP-107

SHEET NO.
B-PP-107

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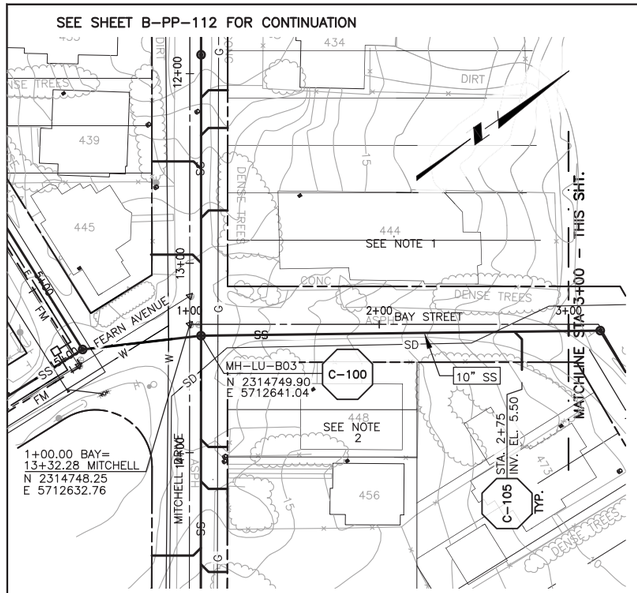
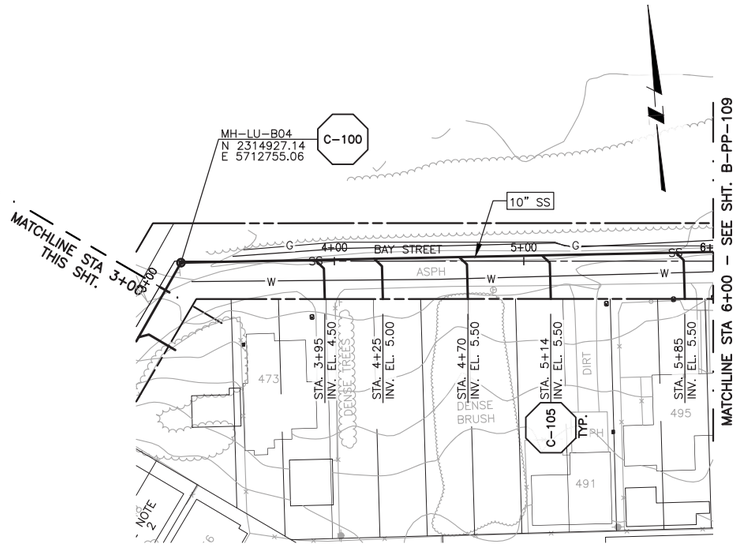
SEE SHEET B-PP-107 FOR CONTINUATION

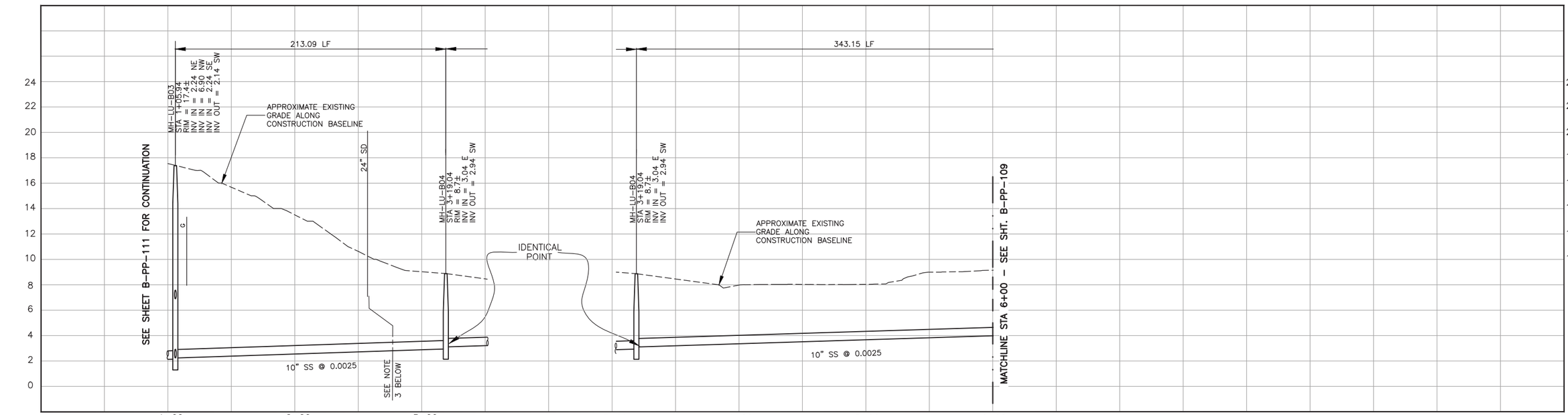
SEE SHEET B-PP-111 FOR CONTINUATION



PLAN ON BAY STREET



PLAN ON BAY STREET



CONSTRUCTION BASELINE STATION

PROFILE ON BAY STREET

PROFILE ON BAY STREET

NOTES:

1. 444 MITCHELL DRIVE SERVED ON MITCHELL DRIVE
2. 448 MITCHELL DRIVE SERVED ON MITCHELL DRIVE
3. VERIFY STORM DRAIN LOCATION AND ELEVATION PRIOR TO CONSTRUCTION

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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CHECKED BY: JPW
DATE: APRIL 2012

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PLAN AND PROFILE
BAY STREET
STA 1+00 TO STA 6+00

PROJECT NO.42502-83120
FILE NAME: B-PP-108
SHEET NO.
B-PP-108

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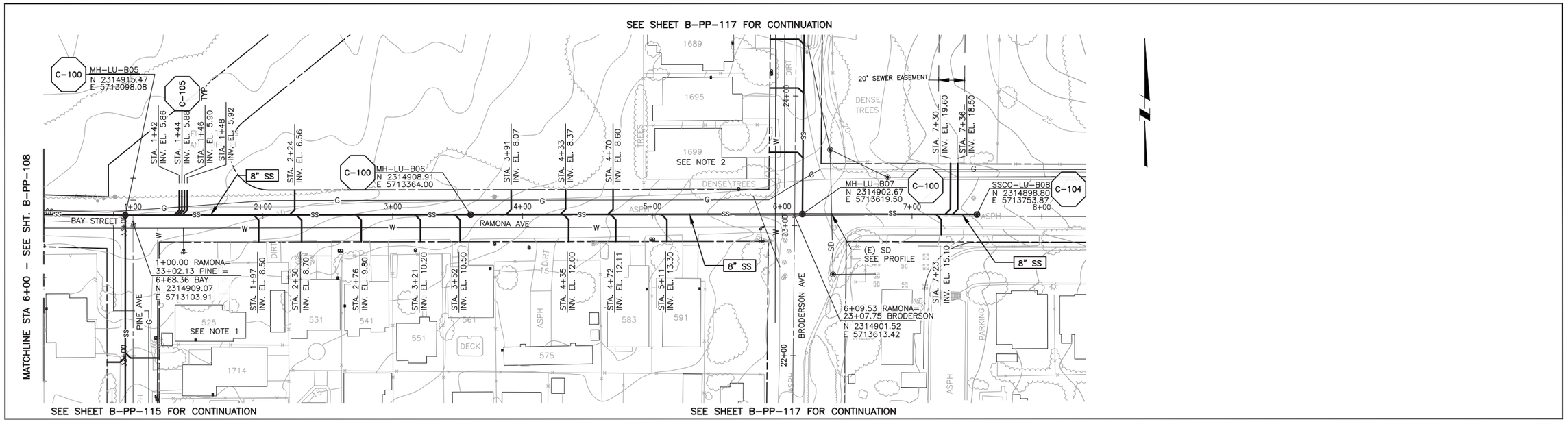
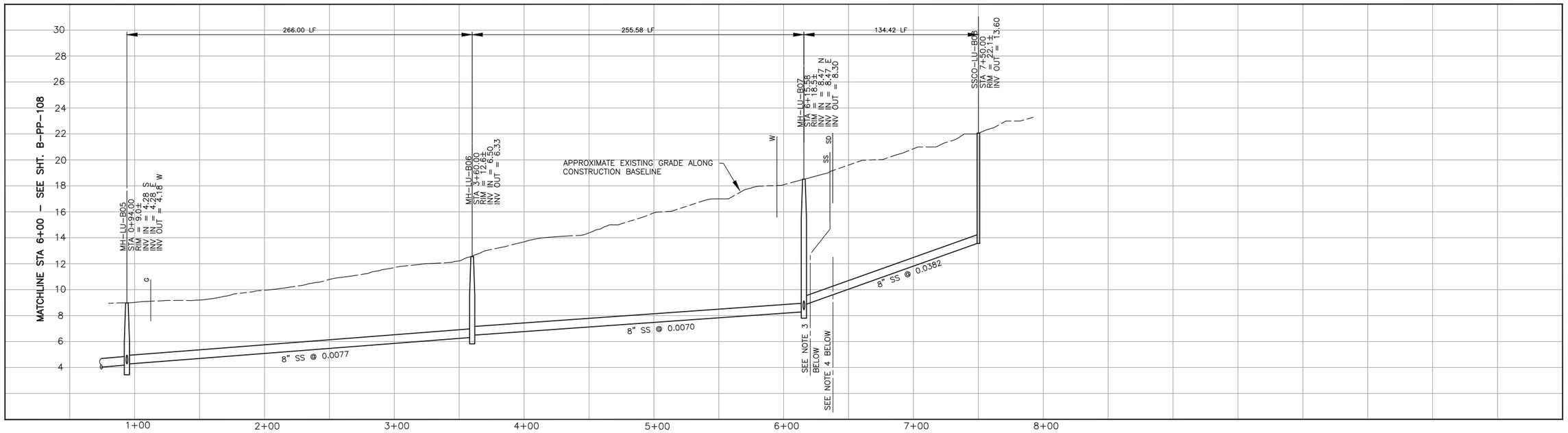


PLAN ON RAMONA AVENUE



PROFILE ON RAMONA AVENUE

NOTES:

1. 525 RAMONA AVE SERVED ON PINE AVE
2. 1699 RAMONA SERVED ON BRODERSON
3. ABANDONED SANITARY SEWER
4. VERIFY LOCATION AND ELEVATION OF STORMDRAIN PRIOR TO CONSTRUCTION.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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PLAN AND PROFILE RAMONA AVENUE STA 0+90 TO STA 7+50

PROJECT NO.42502-83120
FILE NAME: B-PP-109
SHEET NO.
B-PP-109

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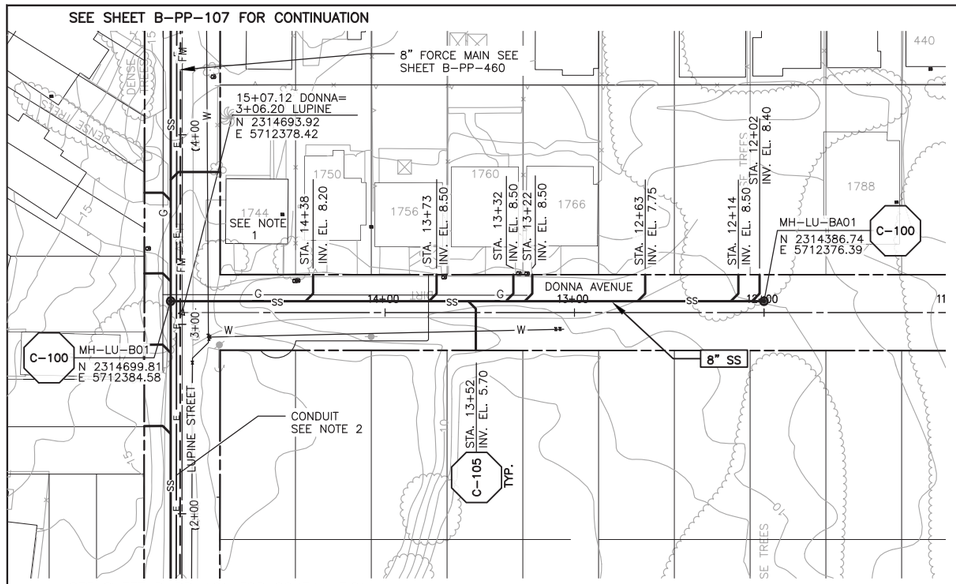
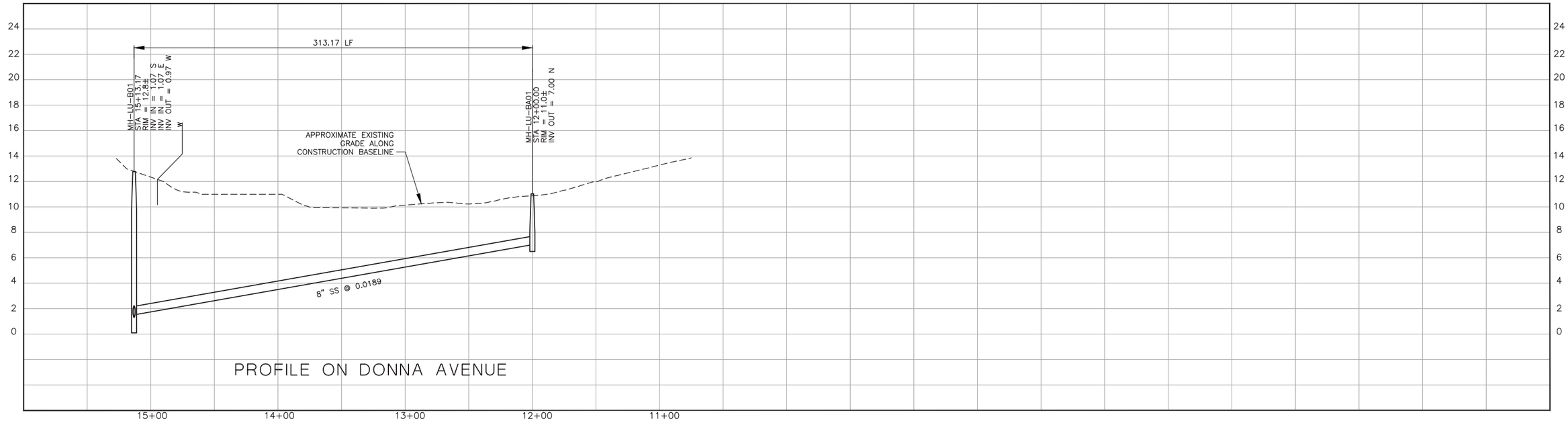


PLAN ON DONNA AVENUE



PROFILE ON DONNA AVENUE

CONSTRUCTION BASELINE STATION

NOTES:

1. 1744 DONNA AVE SERVED ON LUPINE ST.
2. REFER TO B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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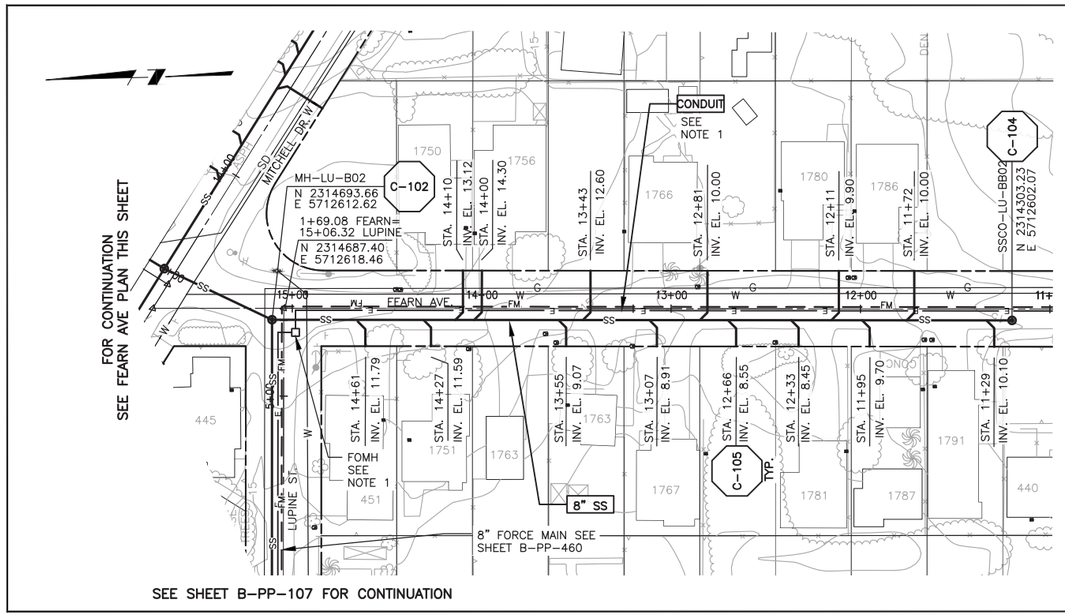
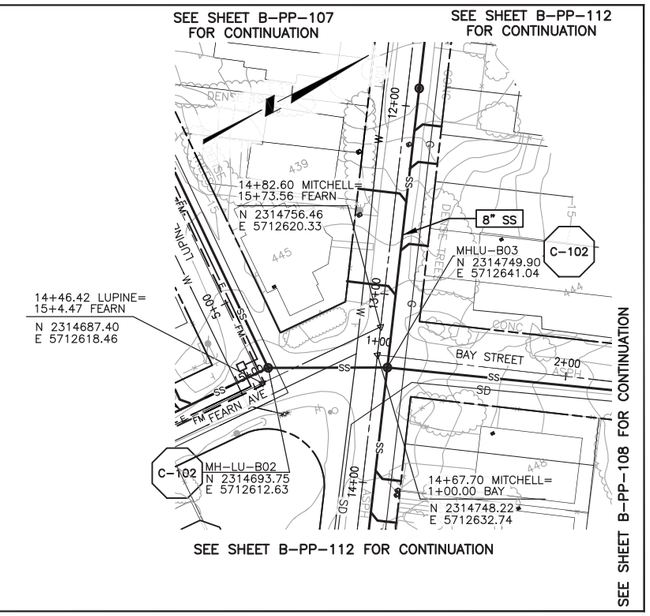
PLAN AND PROFILE
DONNA AVENUE
STA 12+00 TO STA 15+15

PROJECT NO.42502-83120
FILE NAME: B-PP-110
SHEET NO.
B-PP-110

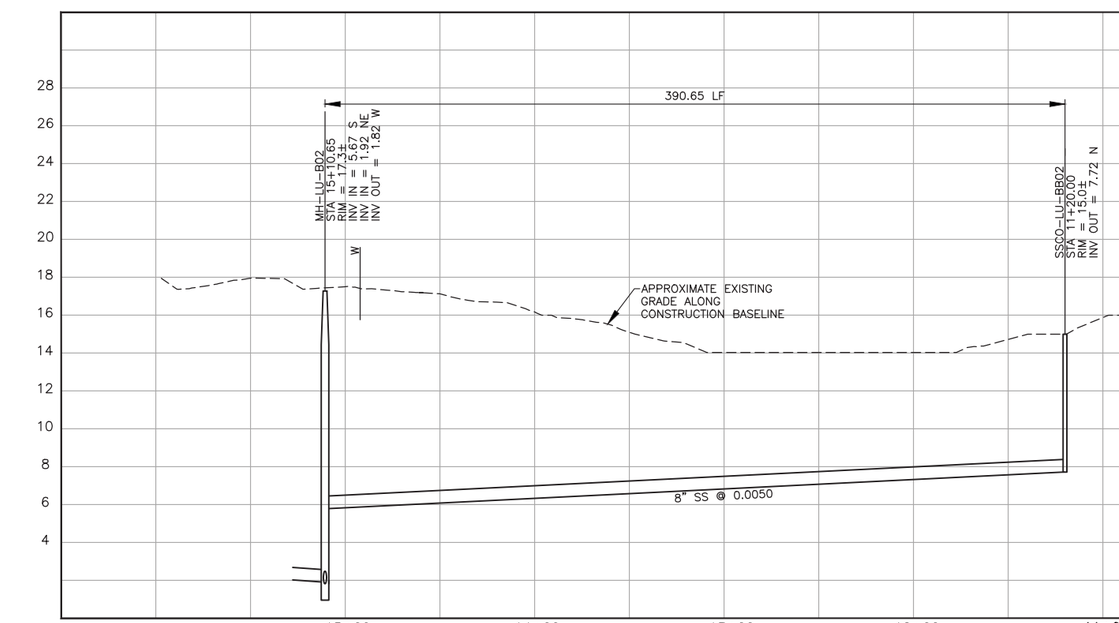
K:\22650700 LO Sewer CDM3-Civil Drawings\3-Sheets\Con Docs\B-PP-110.dwg 4/02/12 03:21 PM ryanm



PLAN ON FEARN AVENUE

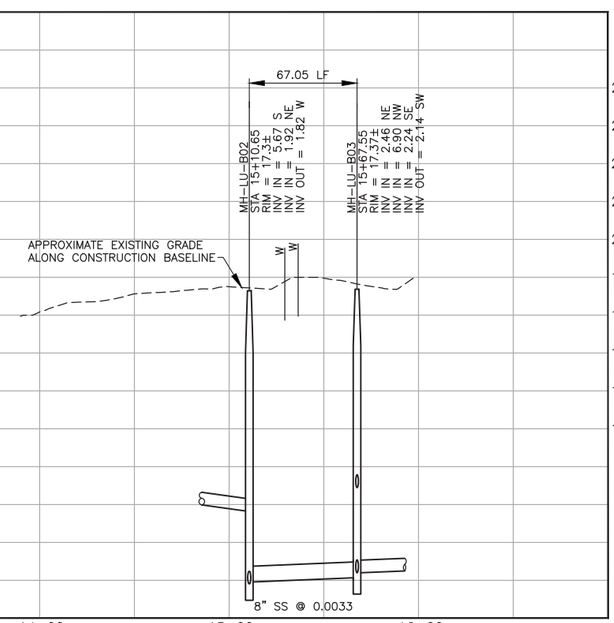


PLAN ON FEARN AVENUE



CONSTRUCTION BASELINE STATION

PROFILE ON FEARN AVENUE



PROFILE ON FEARN AVENUE

NOTES:

1. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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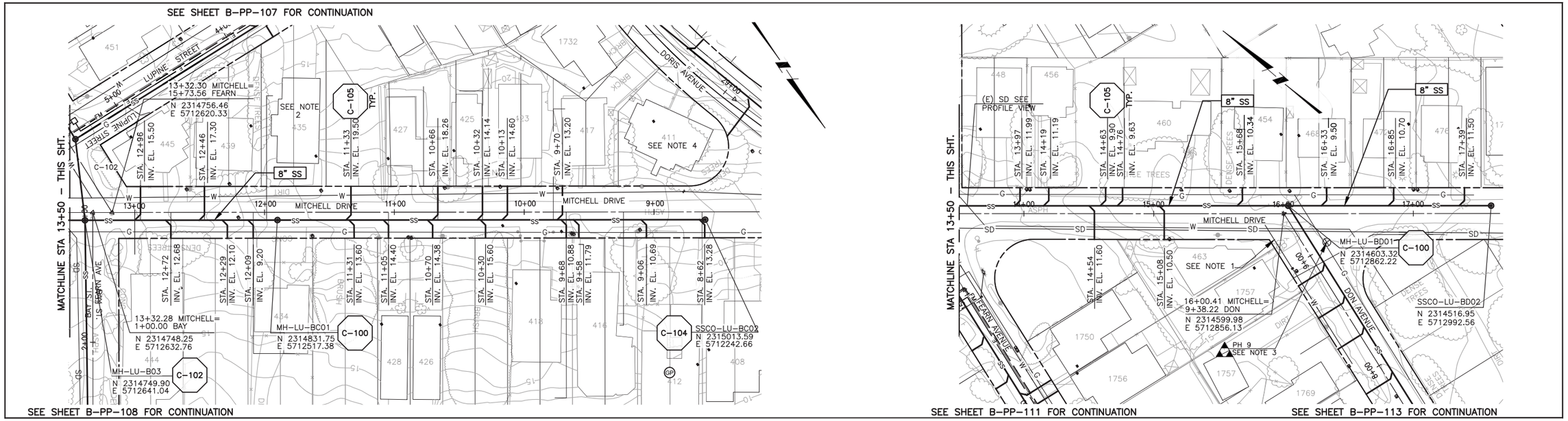
PLAN AND PROFILE
FEARN AVENUE
STA 11+20 TO STA 15+70

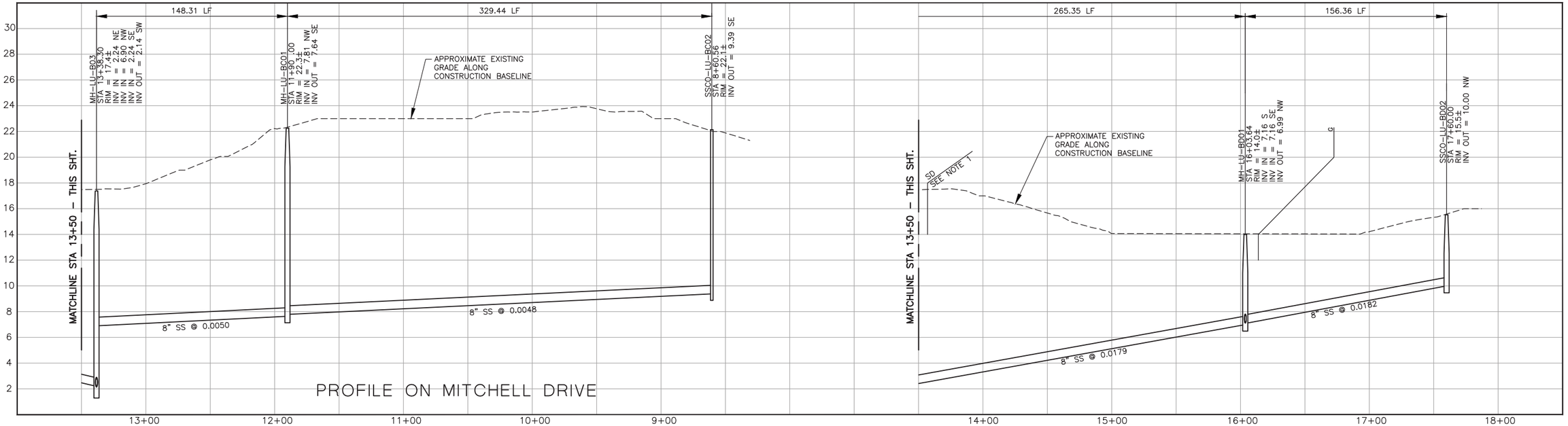
PROJECT NO.42502-83120
FILE NAME: B-PP-111
SHEET NO.
B-PP-111

K:\22650700 LO Sewer CDM\3-Civil Drawings\3-Sheets\Con Docs\B-PP-111.dwg 4/02/12 03:22 PM ryanm



PLAN ON MITCHELL DRIVE

PLAN ON MITCHELL DRIVE



PROFILE ON MITCHELL DRIVE

NOTES:

1. VERIFY LOCATION AND ELEVATION PRIOR TO CONSTRUCTION. MAINTAIN 1.0' VERTICAL CLEARANCE.
2. 435 MITCHELL DRIVE IS SERVED ON LUPINE ST.
3. SD – NOT FOUND.
4. 411 MITCHELL DRIVE SERVED ON DORIS AVE

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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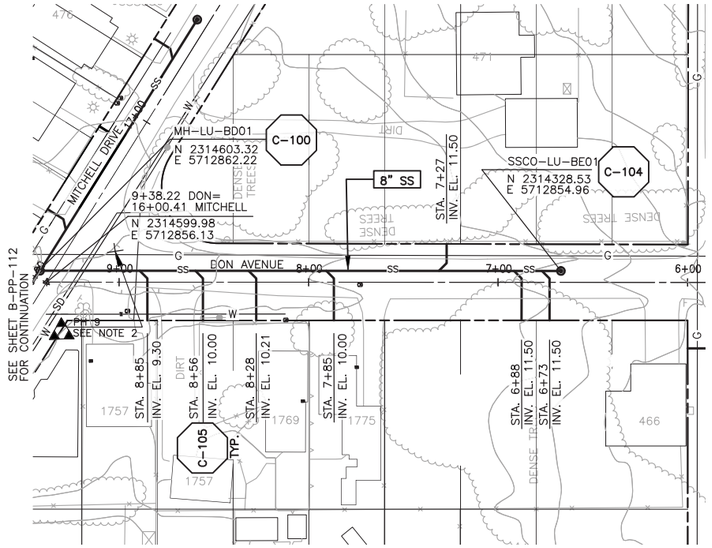
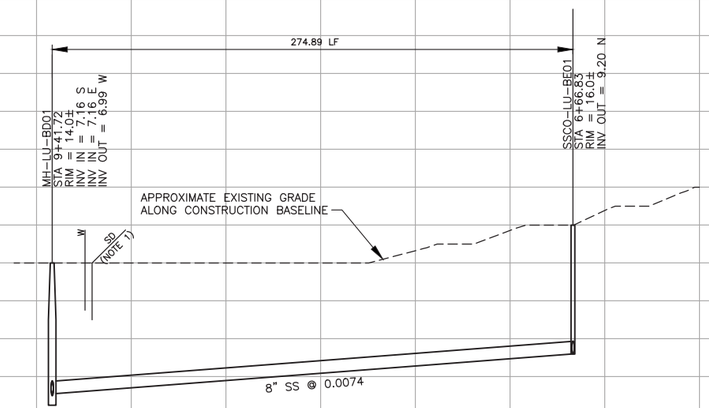
PLAN AND PROFILE
MITCHELL DRIVE
STA 8+60 TO STA 17+60

PROJECT NO.42502-83120
FILE NAME: B-PP-112
SHEET NO.
B-PP-112

K:\22650700 LO Sewer CDM\3-Civil Drawings\3-Sheets\Con Docs\B-PP-112.dwg 4/02/12 03:23 PM ryann



PLAN ON DON AVENUE



PROFILE ON DON AVENUE

CONSTRUCTION BASELINE STATION

NOTES:

1. BASED ON FIELD OBSERVATION STORM DRAIN IS ASSUMED TO BE FORCE MAIN FROM PUMP STATION @ MITCHELL & DON AVE
2. STORM DRAIN APPEARS TO EXIST IN THIS VICINITY. UNABLE TO LOCATE BY POTHOLING. CONTRACTOR SHALL CONFIRM THAT THE S.D. DOES NOT CONFLICT WITH THE SEWER PRIOR TO CONSTRUCTION.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
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DATE: APRIL 2012

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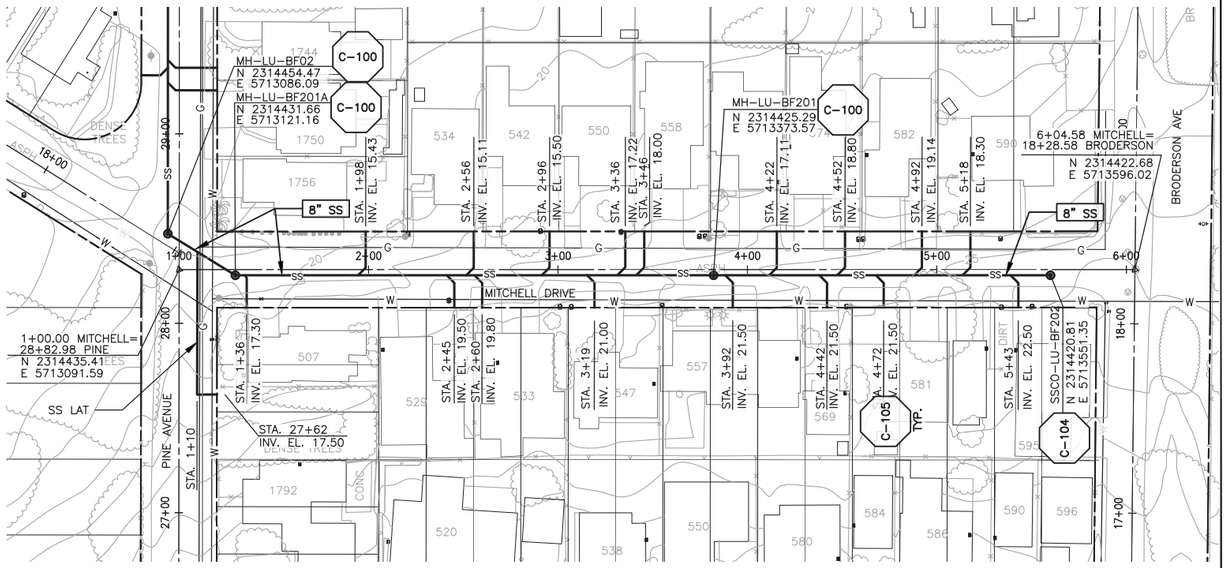
PLAN AND PROFILE
DON AVENUE
STA 6+65 TO STA 9+45

PROJECT NO.42502-83120
FILE NAME: B-PP-113

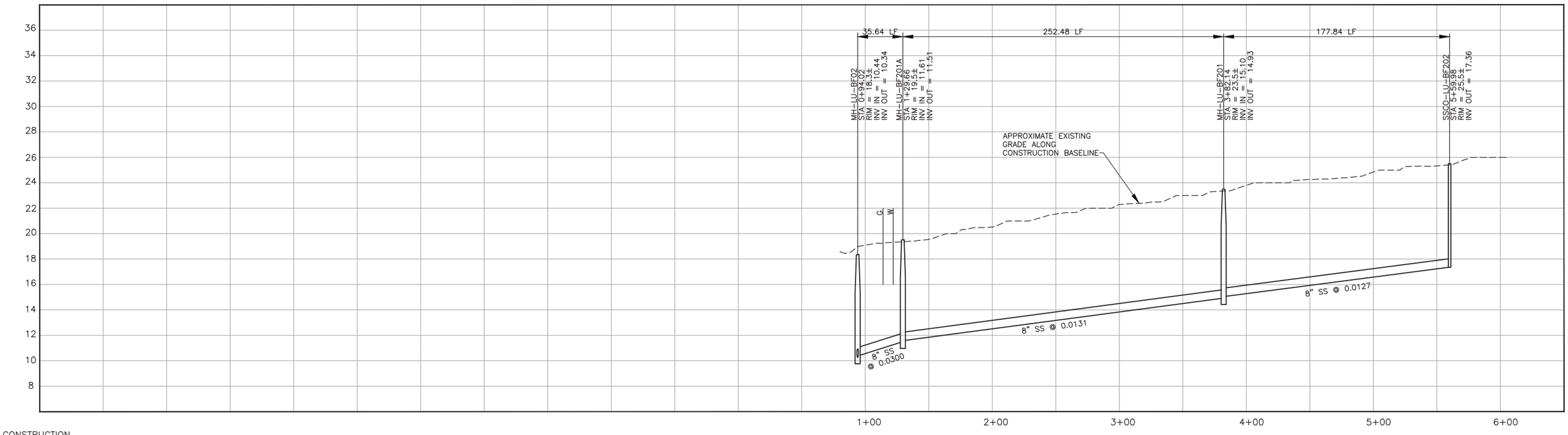
SHEET NO.
B-PP-113

K:\22650700 LO Sewer CDM\3-Civil Drawings\3-Sheets\Con Docs\B-PP-113.dwg 4/02/12 03:24 PM ryanm

SEE SHEET B-PP-115 FOR CONTINUATION



PLAN ON MITCHELL DRIVE



PROFILE ON MITCHELL DRIVE

CONSTRUCTION
BASELINE
STATION

NOTES:
1.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
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DATE: APRIL 2012

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PLAN AND PROFILE
MITCHELL DRIVE
STA 0+90 TO STA 5+60

PROJECT NO.42502-83120
FILE NAME: B-PP-114
SHEET NO.
B-PP-114

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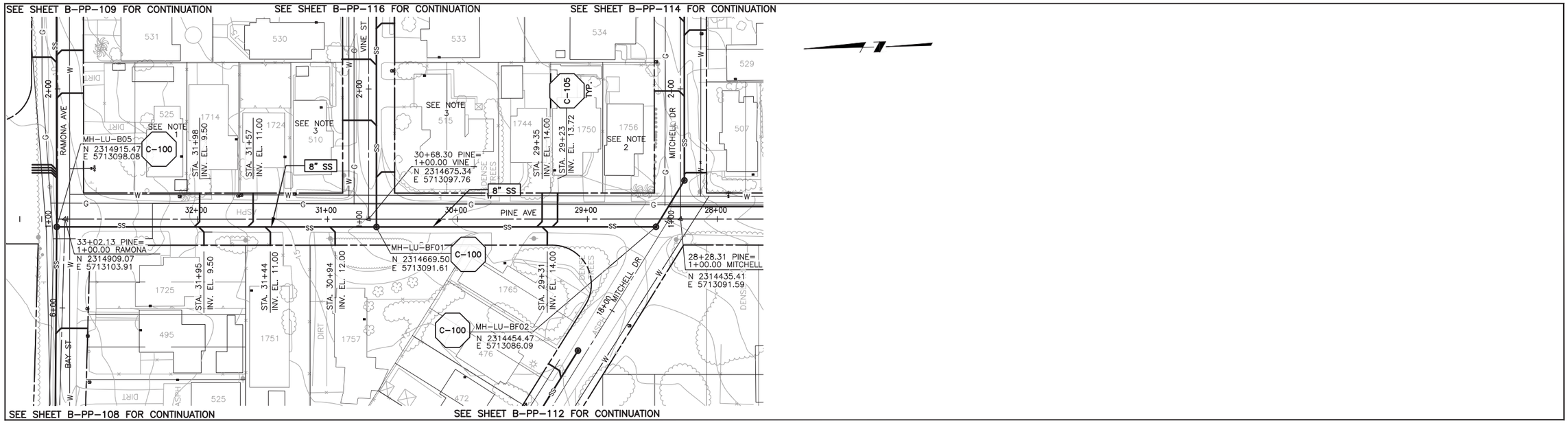
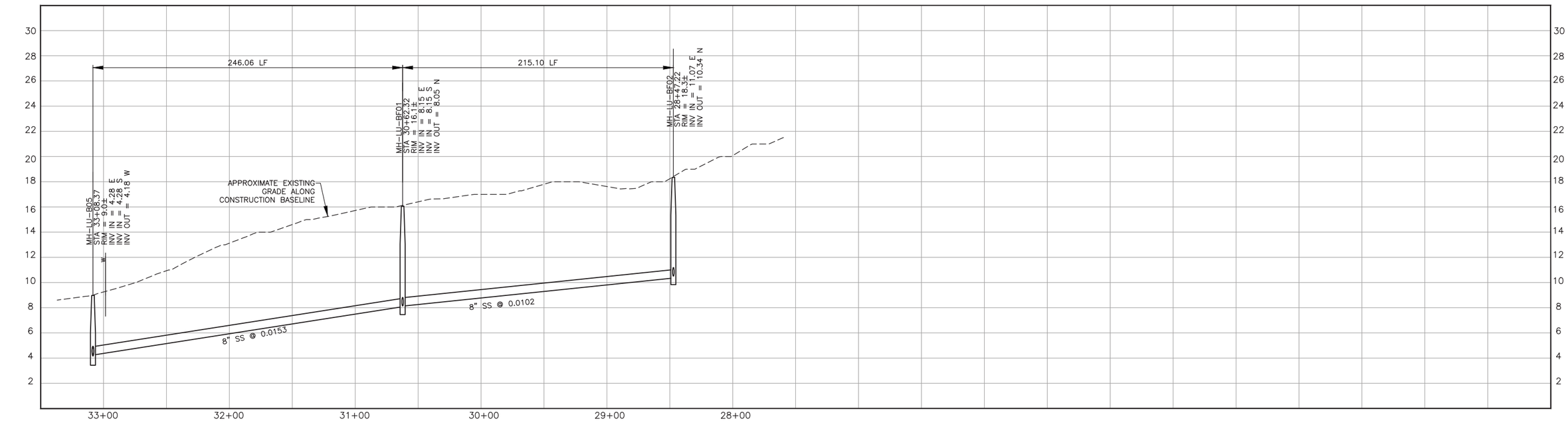


PLAN ON PINE AVENUE



PROFILE ON PINE AVENUE

NOTES:

1. 525 RAMONA AVE SERVED ON RAMONA AVE
2. 1756 PINE AVE SERVED ON MITCHELL DR.
3. 510, 515 VINE ST SERVED ON VINE ST.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
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PLAN AND PROFILE
PINE AVENUE
STA 28+45 TO STA 33+10

PROJECT NO.42502-83120
FILE NAME: B-PP-115

SHEET NO.
B-PP-115

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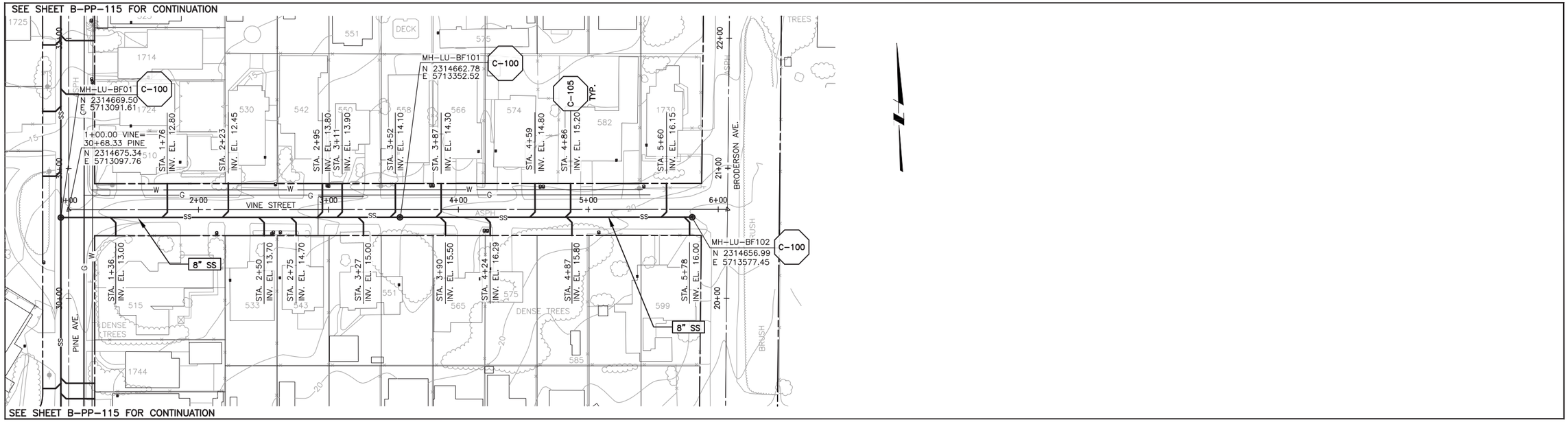
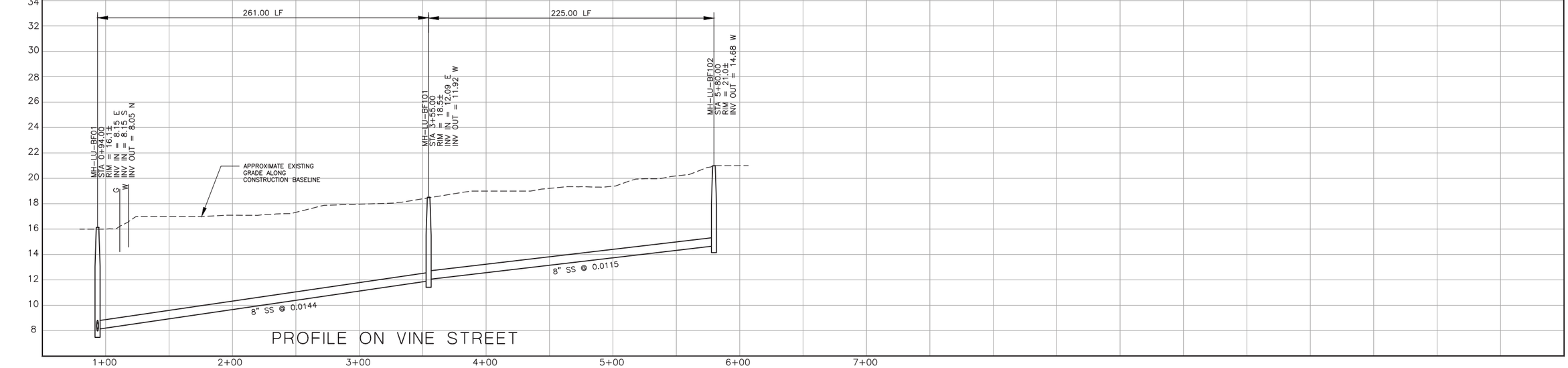


PLAN ON VINE STREET



PROFILE ON VINE STREET

NOTES:

1.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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DATE: APRIL 2012

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PLAN AND PROFILE
VINE STREET
STA 0+90 TO STA 5+80

PROJECT NO.42502-83120
FILE NAME: B-PP-116

SHEET NO.
B-PP-116

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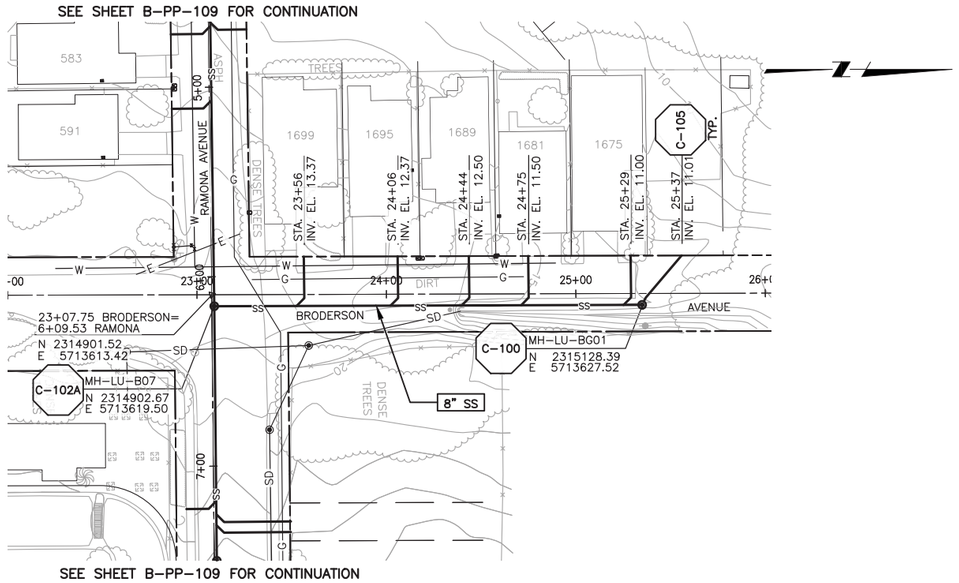
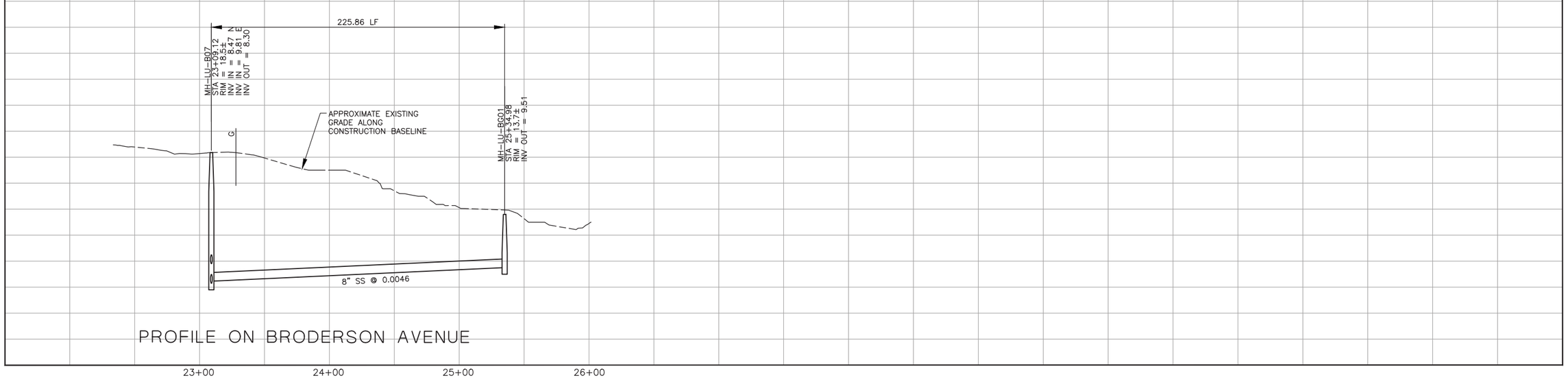


PLAN ON BRODERSON AVENUE



PROFILE ON BRODERSON AVENUE

CONSTRUCTION BASELINE STATION

NOTES:

1.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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PLAN AND PROFILE
BRODERSON AVE.
STA 23+05 TO STA 25+35

PROJECT NO.42502-83120
FILE NAME: B-PP-117
SHEET NO.
B-PP-117

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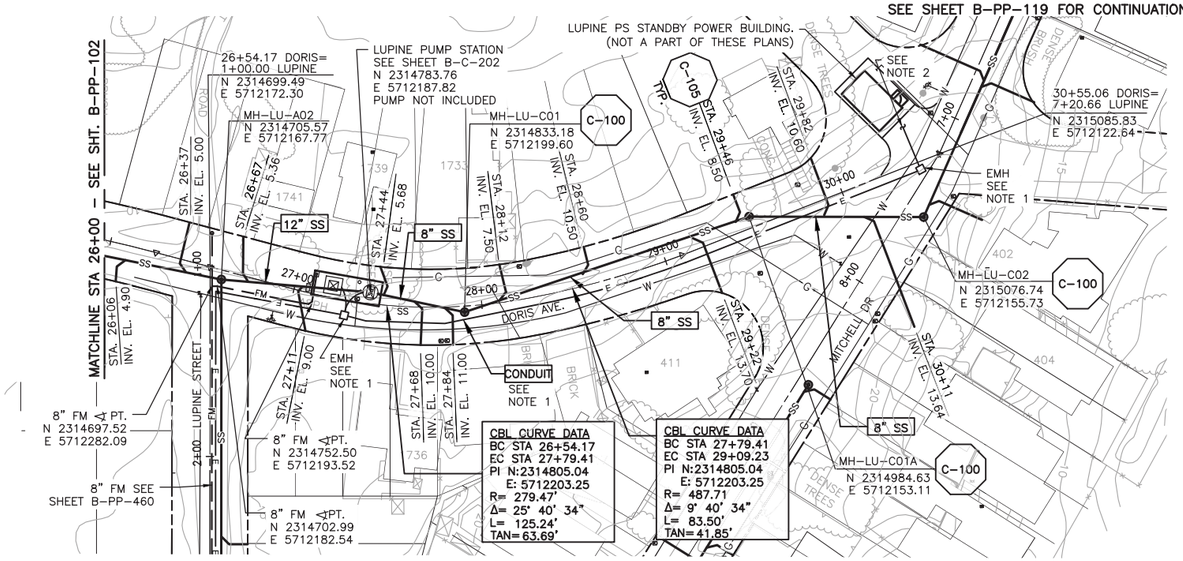
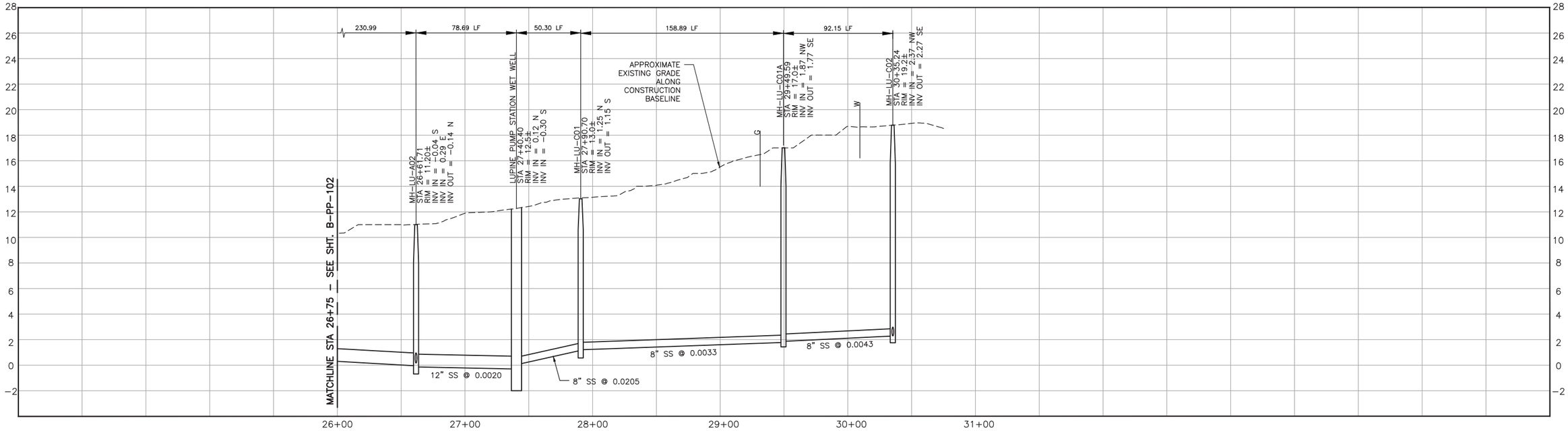


PLAN ON DORIS AVENUE



PROFILE ON DORIS AVENUE

CONSTRUCTION BASELINE STATION

NOTES:

1. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUITS AND MANHOLES.
2. TERMINATE CONDUIT AT PROPERTY LINE
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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PLAN AND PROFILE
DORIS AVENUE
STA 26+75 TO STA 30+40

PROJECT NO.42502-83120
FILE NAME: B-PP-118

SHEET NO.
B-PP-118

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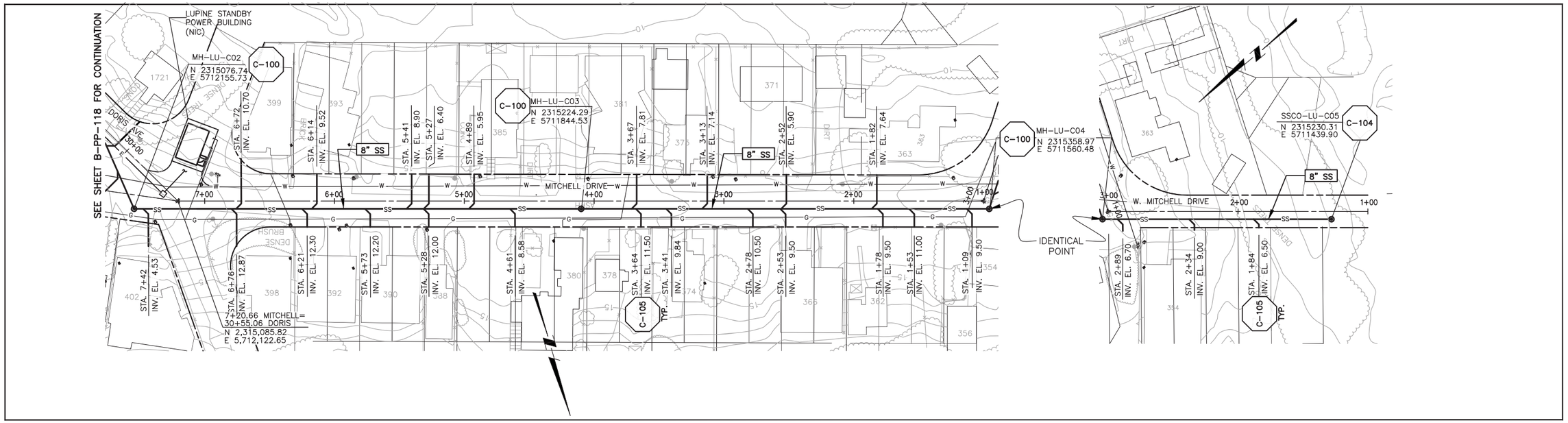
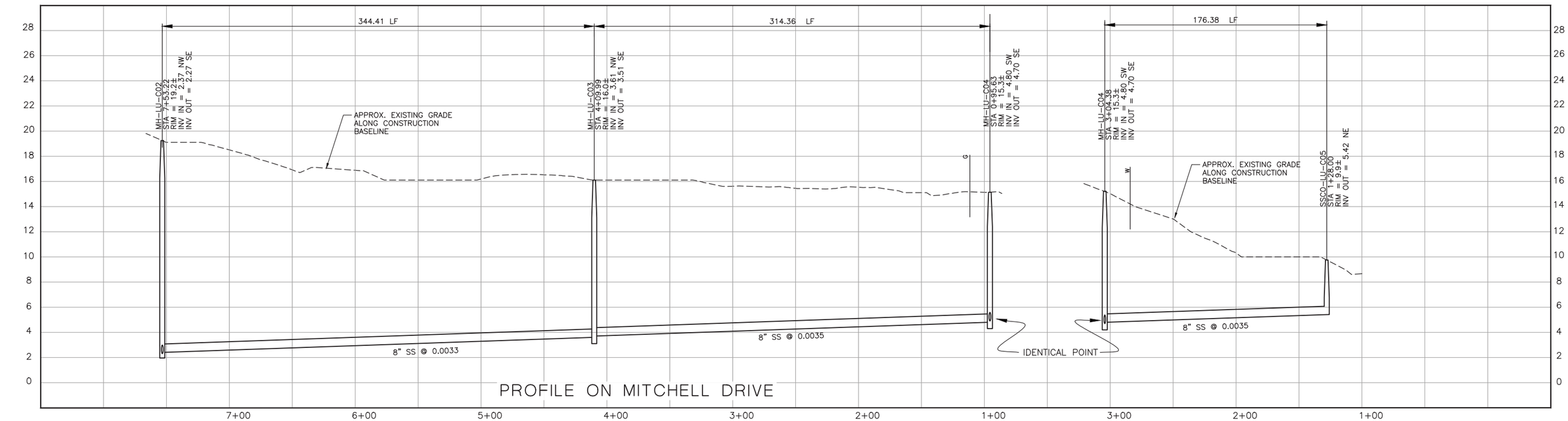


PLAN ON MITCHELL DRIVE

PLAN ON W. MITCHELL DRIVE



PROFILE ON MITCHELL DRIVE

CONSTRUCTION BASELINE STATION

PROFILE ON W. MITCHELL DRIVE

NOTES:

1.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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PLAN AND PROFILE
MITCHELL DRIVE 0+90 TO 7+55
WEST MITCHELL 1+25 TO 3+05

PROJECT NO.42502-83120
FILE NAME: B-PP-119
SHEET NO.
B-PP-119

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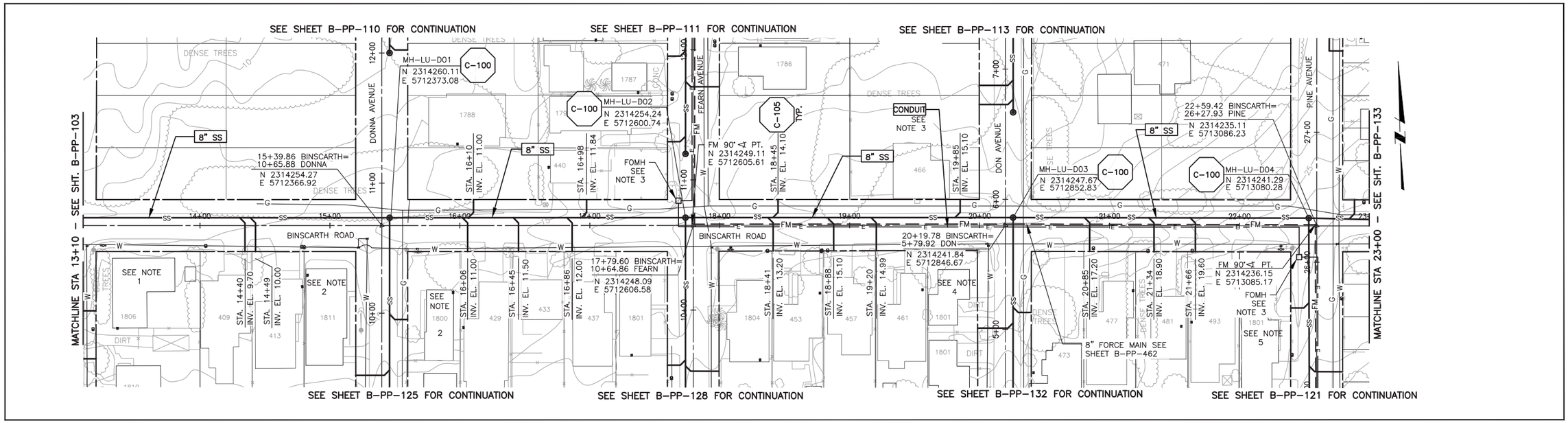
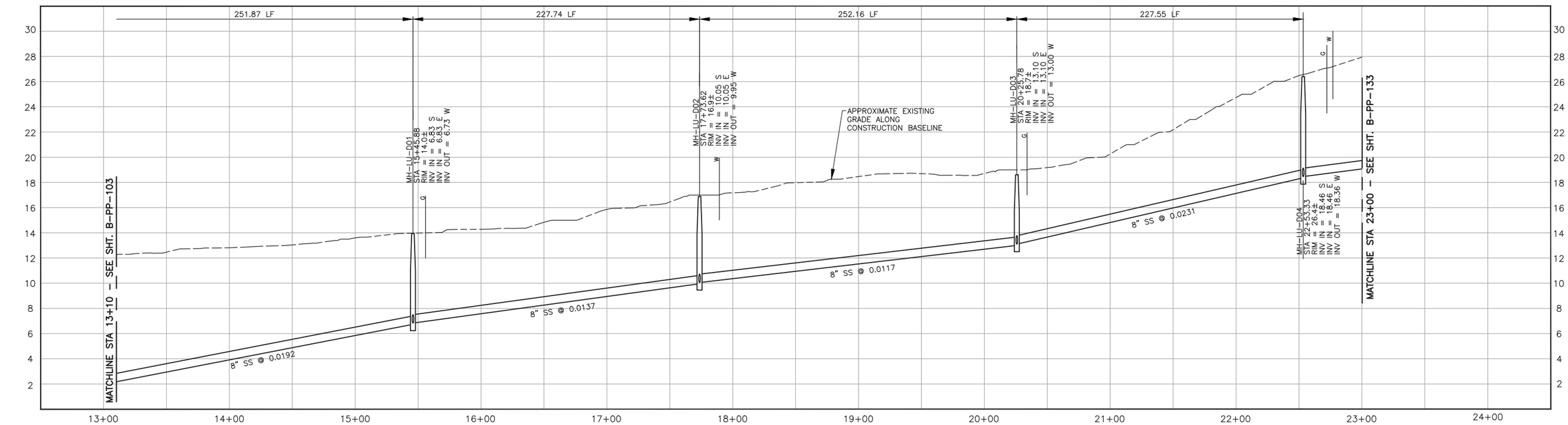


PLAN ON BINSCARTH ROAD



PROFILE ON BINSCARTH ROAD

NOTES:

1. 1806 DORIS AVE. RD SERVED ON DORIS AVE
2. 1800 & 1811 DONNA AVE. SERVED ON DONNA AVE
3. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES.
4. 1801 DON AVE SERVED ON DON AVE
5. 1801 PINE AVE SERVED ON PINE AVE

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

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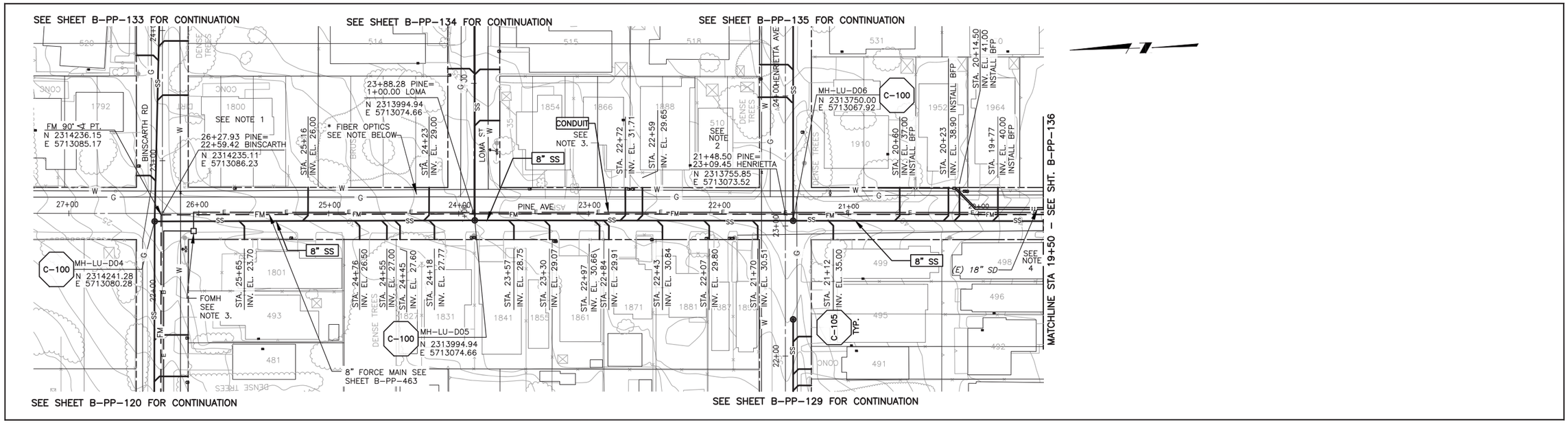
UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

LOS OSOS WASTEWATER COLLECTION SYSTEM

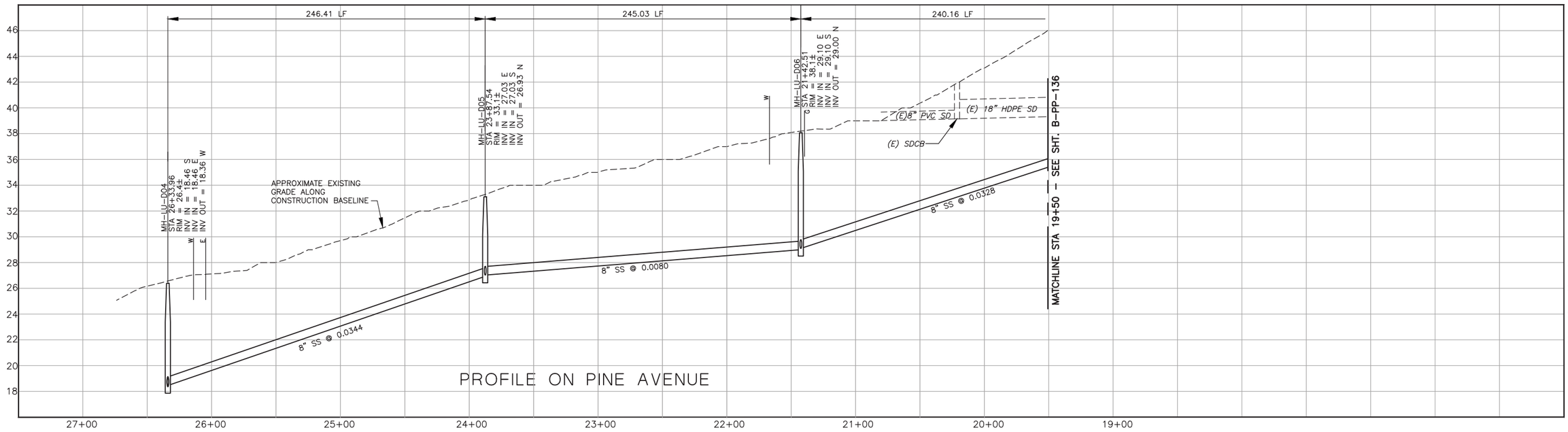
PLAN AND PROFILE
BINSCARTH ROAD
STA 13+10 TO STA 23+00

PROJECT NO.42502-83120
FILE NAME: B-PP-120
SHEET NO.
B-PP-120

K:\22650700 LO Sewer CDM\3-Civil Drawings\3-Sheets\Con Docs\B-PP-120.dwg 4/02/12 03:28 PM ryanm



PLAN ON PINE AVENUE



PROFILE ON PINE AVENUE

NOTES:

1. 1800 PINE AVE SERVED ON BINSCARTH RD
2. 510 HENRIETTA AVE SERVED ON HENRIETTA AVE
3. REFER TO SHEET B-G-010 FOR REQUIREMENTS OF ELECTRICAL CONDUIT AND MANHOLES.
4. 498 ASH ST. SERVED ON ASH ST.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: DCS/DJN
DRAWN BY: DCS
CHECKED BY: JPW
DATE: APRIL 2012

CDM Smith
2295 Gateway Oaks Drive, Suite 240
Sacramento, CA 95833
Tel: (916) 567-9900

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN ADJUST SCALE ACCORDINGLY

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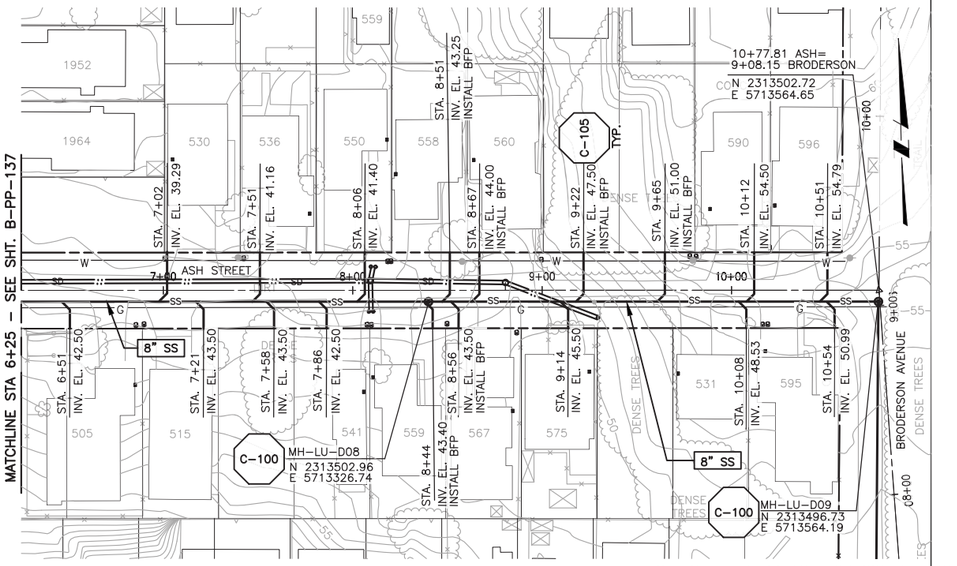
PLAN AND PROFILE
PINE AVENUE
STA 19+50 TO STA 26+35

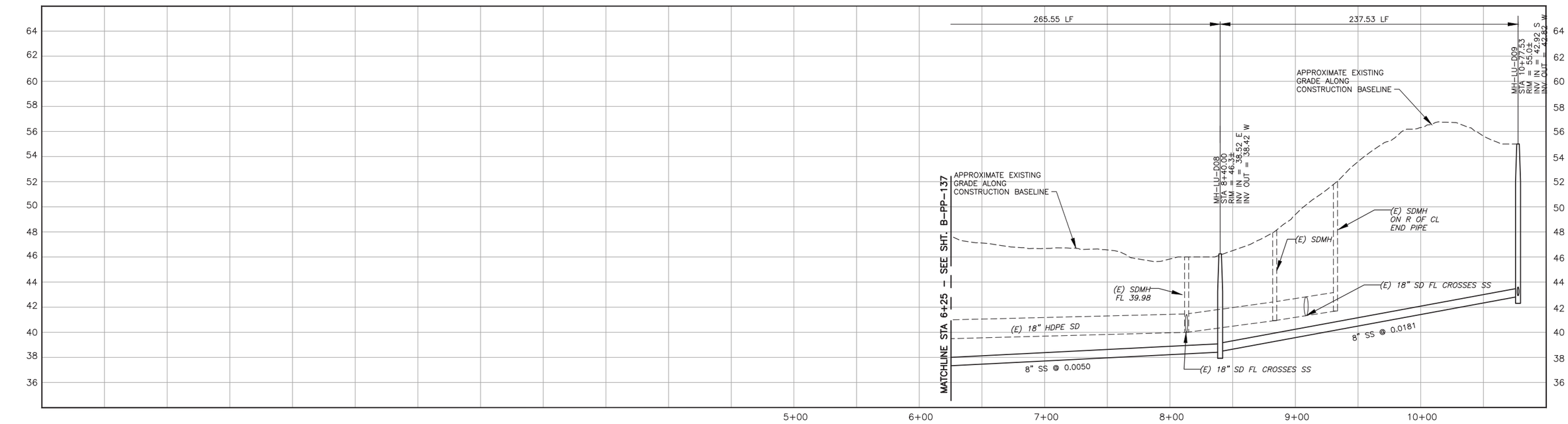
PROJECT NO.42502-83120
FILE NAME: B-PP-121

SHEET NO.
B-PP-121

K:\26507000 LO Sewer CDM\3-Civil Drawings\3-Sheets\Con Docs\B-PP-121.dwg 4/02/12 03:17 PM daniels



PLAN ON ASH STREET



PROFILE ON ASH STREET

NOTES:

1.
2.
3.

SCALE:
HORZ: 1"=40'
VERT: 1"=4'

REV. NO.	DATE	DRWN	CHKD	REMARKS

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LOS OSOS WASTEWATER COLLECTION SYSTEM

PLAN AND PROFILE
ASH STREET
STA 6+25 TO STA 10+80

PROJECT NO.42502-83120
FILE NAME: B-PP-122

SHEET NO.
B-PP-122