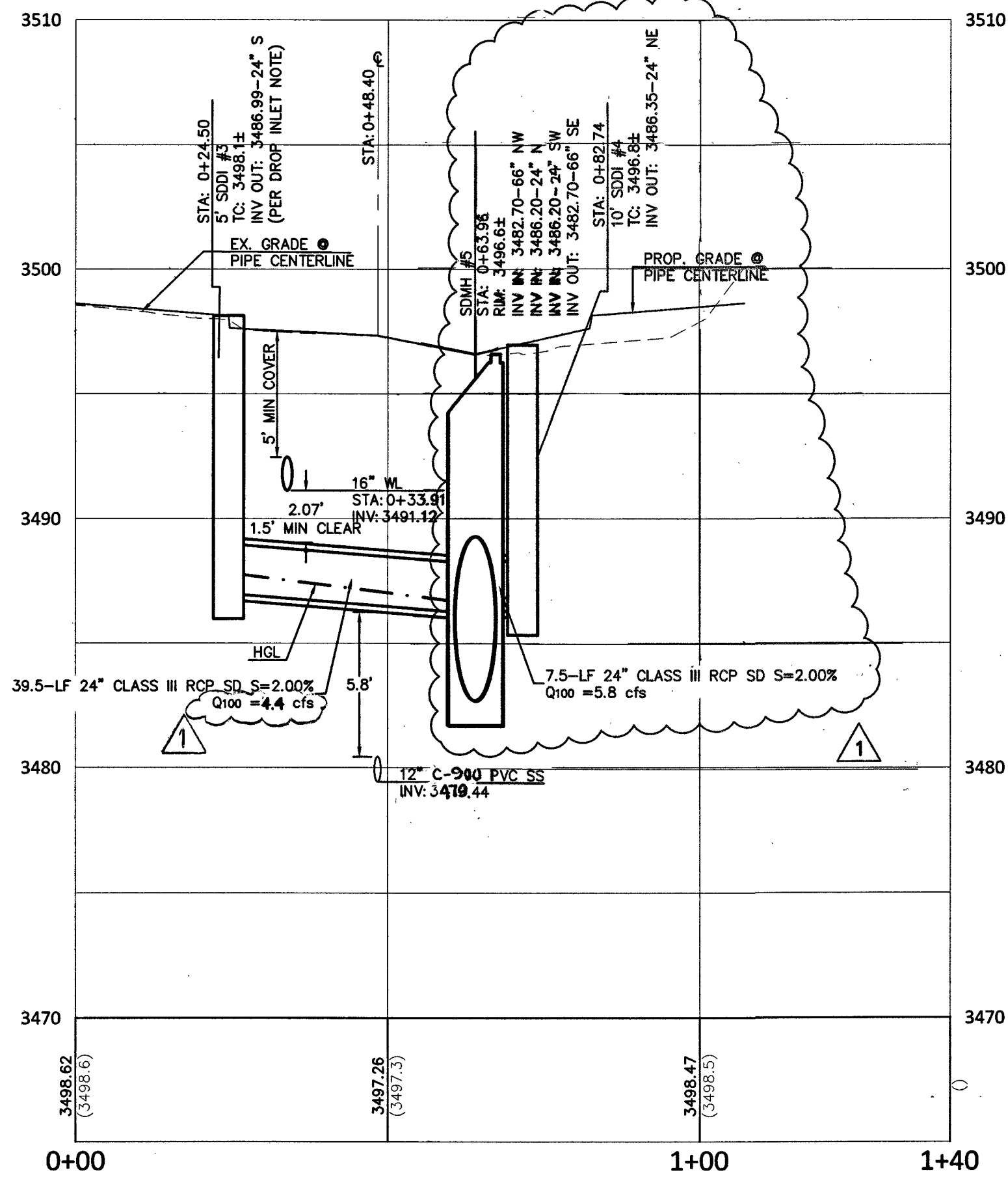
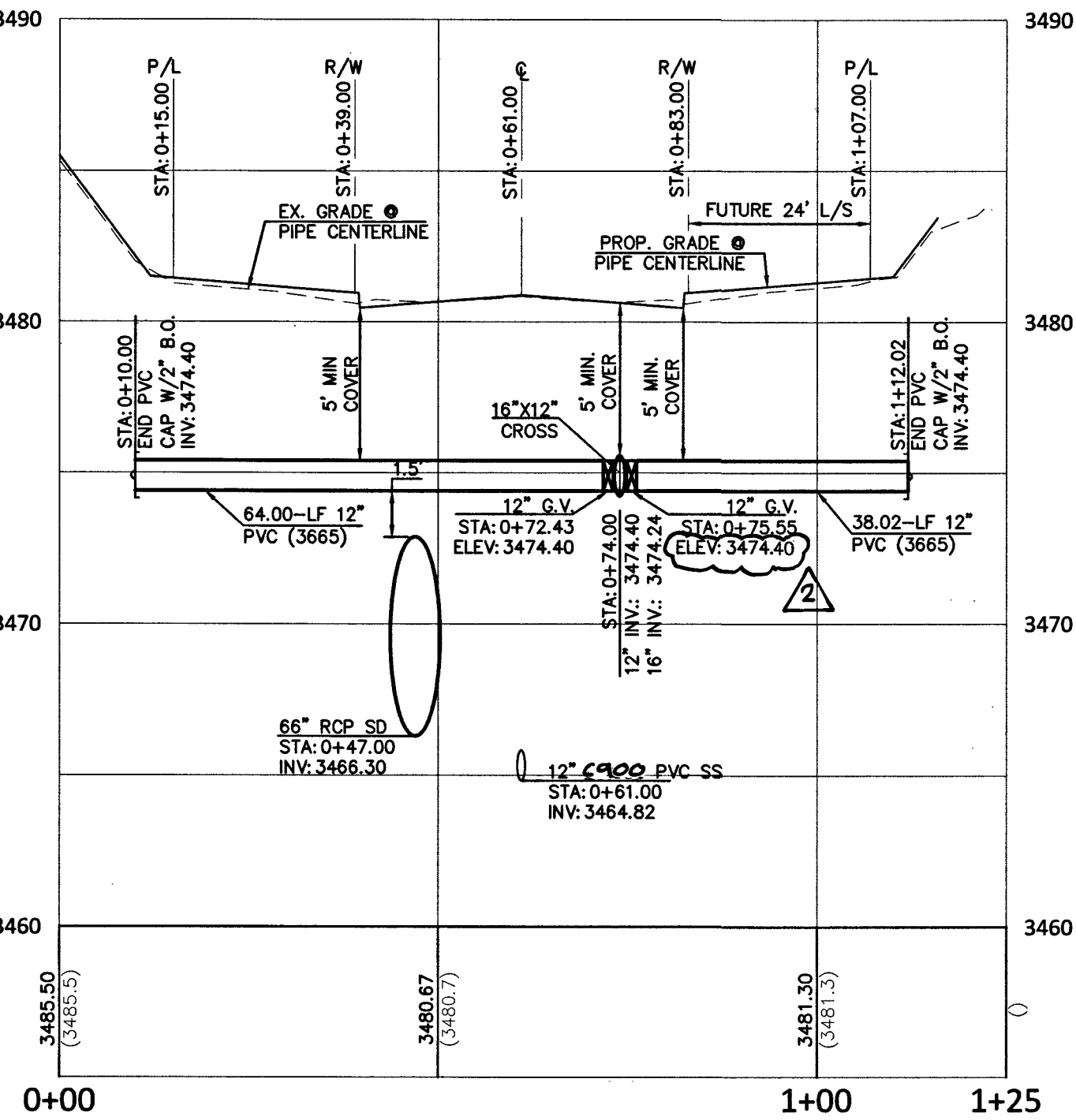




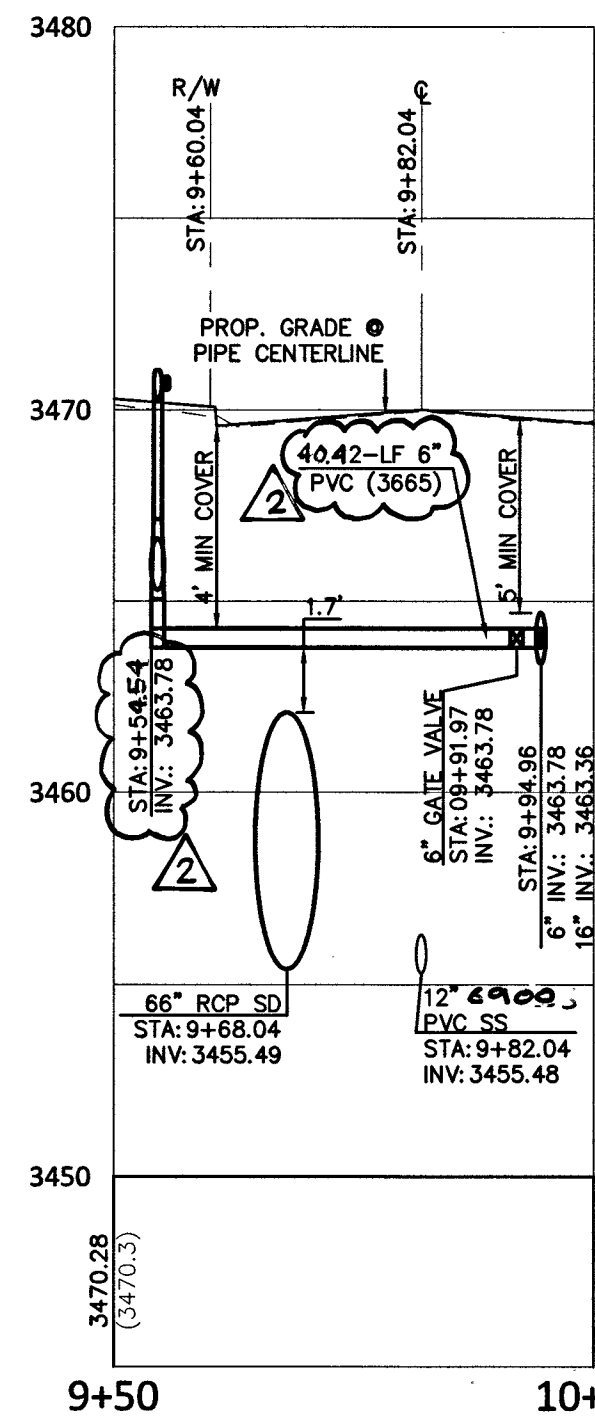
1
C5.11 SDMH #5 - STA: 23+46.20
(REF. SHEET C5.06)

PROFILE VIEW
H: 1"=20'
V: 1"=5'



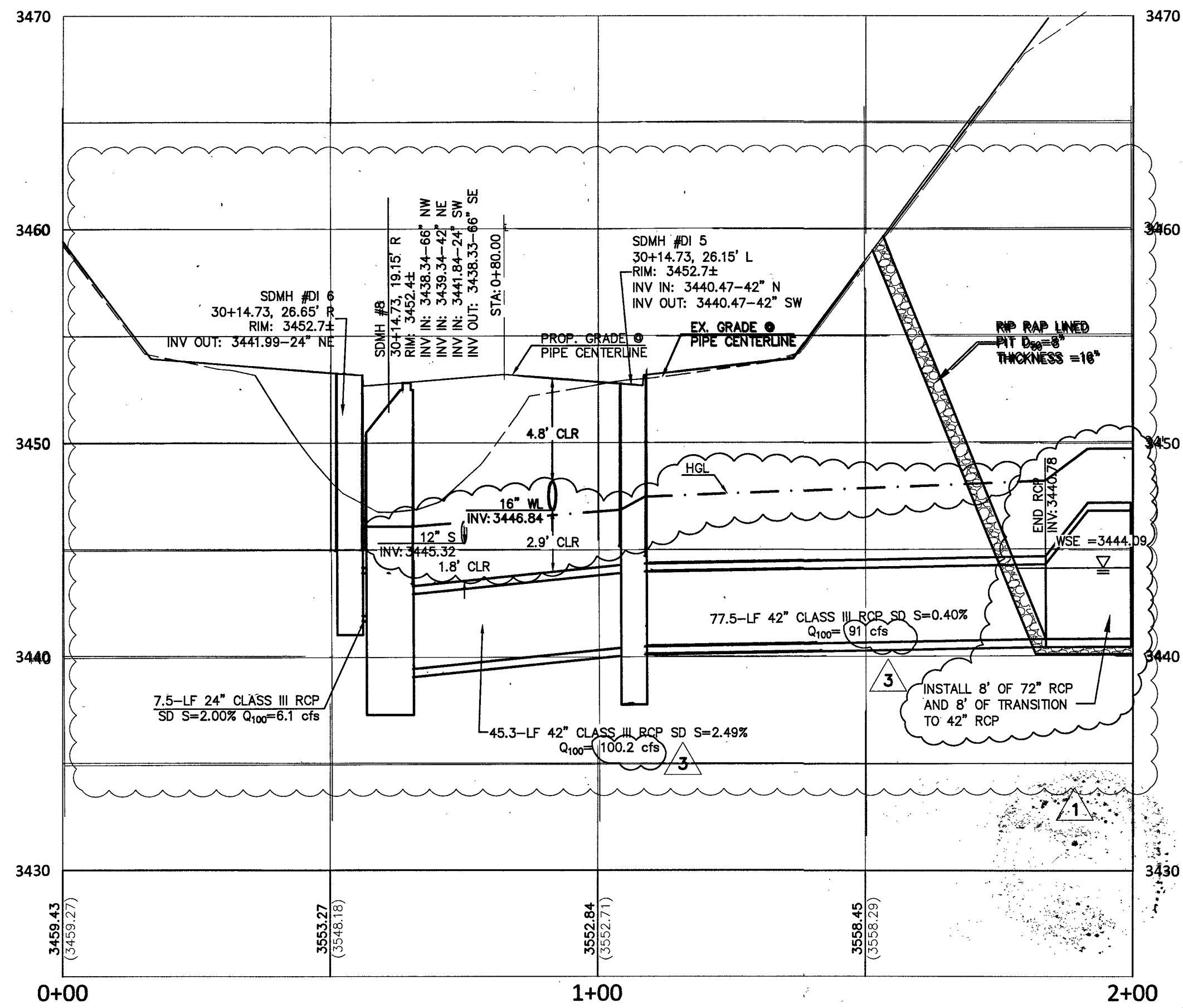
2
C5.11 12" WATER LATERAL - STA: 25+62.50
(REF. SHEET C5.07)

PROFILE VIEW
H: 1"=20'
V: 1"=5'



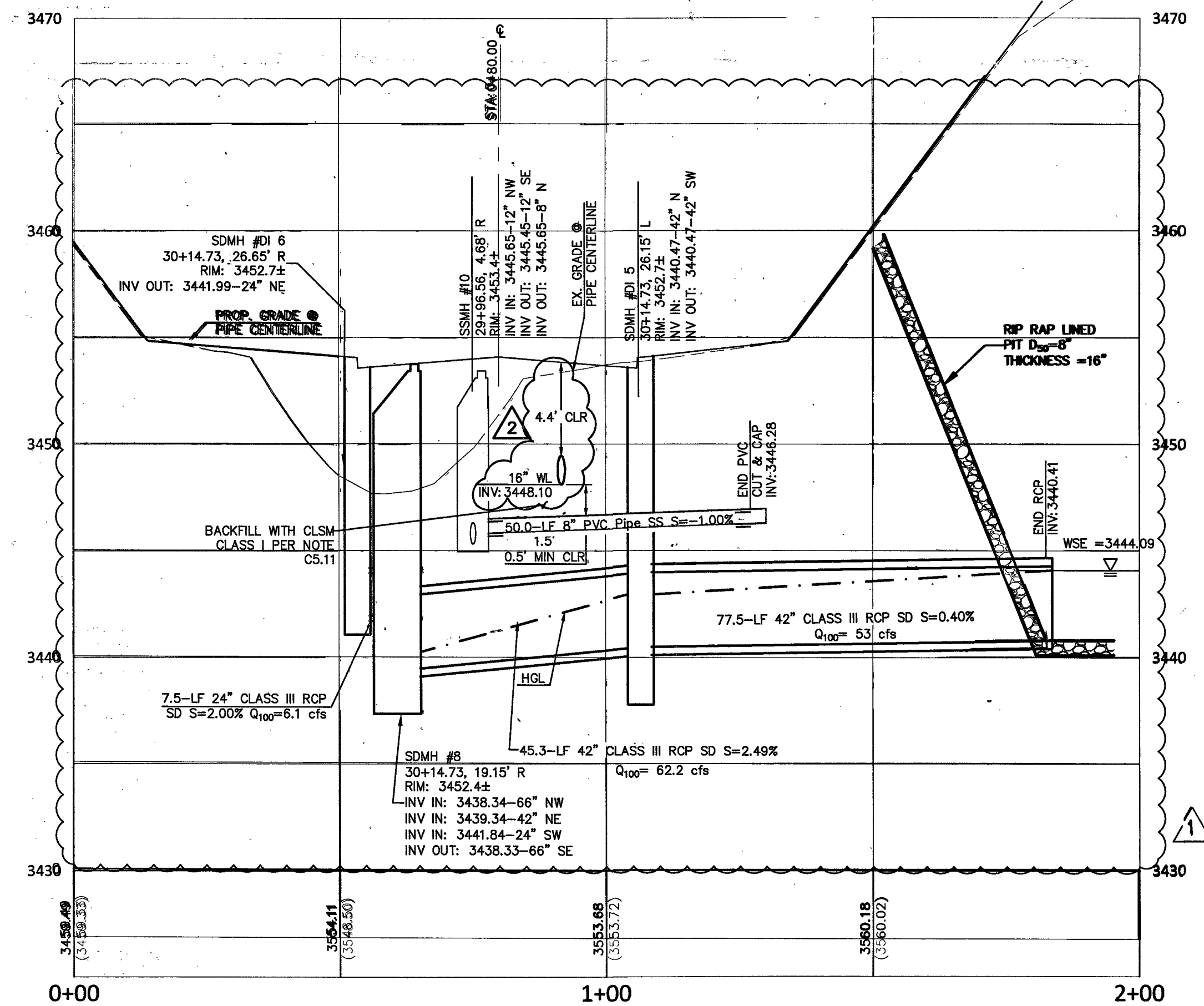
3
C5.11 F.H. LATERAL - STA: 27+30.00
(REF. SHEET C5.07)

PROFILE VIEW
H: 1"=20'
V: 1"=5'



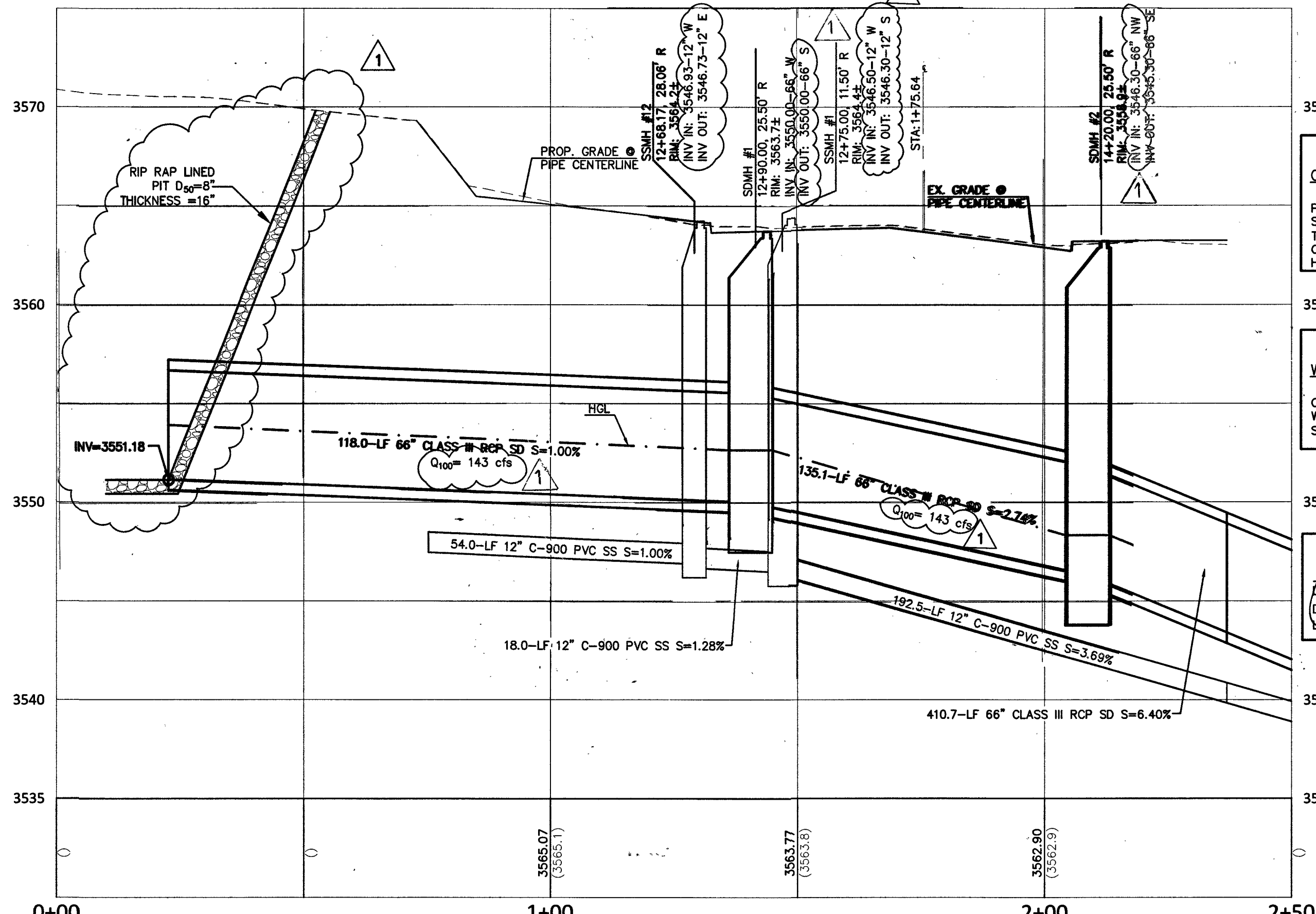
5A
C5.11 SDMH #8 - STA: 30+14.73
WITHOUT SS (REF. SHEET C5.08)

PROFILE VIEW
H: 1"=20'
V: 1"=5'



5B
C5.11 SSMH #10 - STA: 29+96.56
(REF. SHEET C5.08)

PROFILE VIEW
H: 1"=20'
V: 1"=5'



6
C5.11 SDMH #1 - STA: 12+49.17
(REF. SHEET C5.04)

PROFILE VIEW
H: 1"=20'
V: 1"=5'

CONTROLLED LOW STRENGTH MATERIAL (CLSM)
PROTECT WATERLINES IN PLACE. WHEREVER A WATERLINE IS ABOVE A STORM DRAIN OR SEWER, COMPACTION REQUIREMENTS UNDER A WATERLINE CANNOT BE MET. BACKFILL TRENCH WITH CLASS 1 CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY. ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UDACS 2.22

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

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 8/21/17 PROJECT NO: 124808
ADMM-APPROVED FIRE FLOW 1,500 GPM AT 20 PSI RESIDUAL

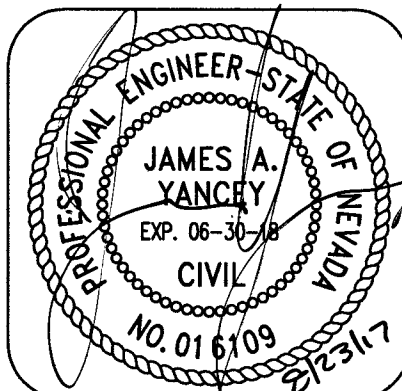
PROFESSIONAL ENGINEER - STATE OF NEVADA
MICHAEL LANG
Exp. 6/30/19
CIVIL
No. 24464

PROFESSIONAL ENGINEER - STATE OF NEVADA
THOMAS R. DYSON
Exp. 12/31/18
CIVIL
No. 11153

3/20/18 FOR REV 2 ONLY
2/1/18 FOR ONLY

7/6/18
3
FOR REV 3 ONLY

COLLINS ENGINEERS
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
www.collinsengr.com



IMPROVEMENT PLANS FOR
THE HOWARD HUGHES COMPANY, LLC
APN: 137-33-601-001
UTILITY LATERALS 2
SUMMERLIN VILLAGE 24 - CROSSBRIDGE DRIVE UNIT 3
CITY OF LAS VEGAS

NO.	DATE	DESIGN BY	DESCRIPTION
1	12/2/17	APP BY J. SALDIVAR	REVISED SS & SD LOCATION APP BY J. SALDIVAR
2	02/12/18	APP BY J. SALDIVAR	REVISED FH LOCATION APP BY J. SALDIVAR
3	05/09/18	APP BY J. SALDIVAR	PLUS SD

CEI PROJECT: 9106
DESIGN BY: J. SALDIVAR
DRAWN BY: J. SALDIVAR
CHECKED BY: K. YAMADA
DATE: 04/2017
SCALE:
SHEET NUMBER
C5.11
SHEET 16 OF 26
H. 65276