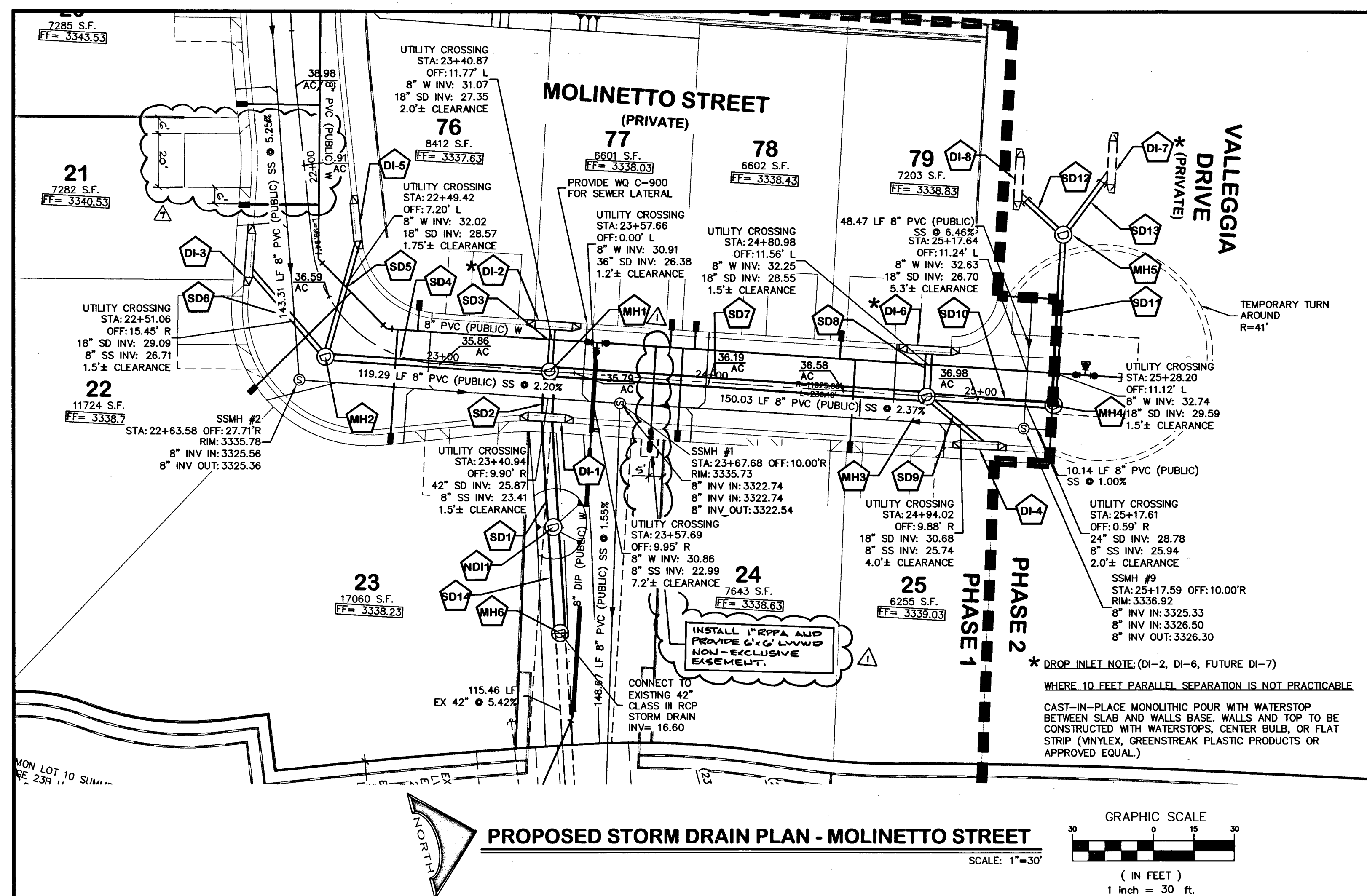


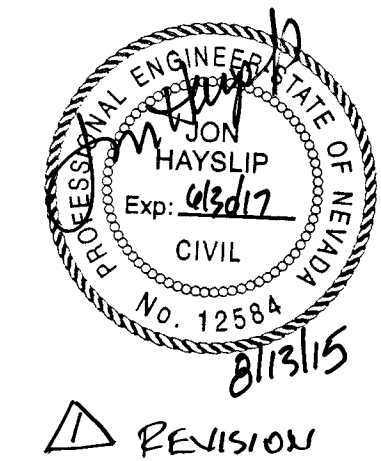
H:\Land Projects\220016 Poses CC\DWG\improva\01_PHASE 1\03-220016 - DETAILS (JAMES GREGORY) 3/11/2015 (12:42:30 PM)



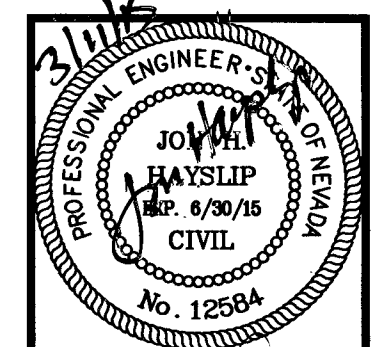
STORM DRAIN SCHEDULE

DI-1 12.5" TYPE CM DROP INLET GRATE: 35.22 D= 8.00 42" INV IN: 25.81 42" INV OUT: 25.22	SD1 36.12 LF - 42" CLASS III RCP @ 12.47%	MH1 72" SDMH #1 RIM: 35.64 18" INV IN (NW): 27.26 24" INV IN (SW): 27.26 36" INV IN (NE): 26.24 42" INV OUT (SE): 25.94
DI-2 12.5" TYPE CM DROP INLET GRATE: 35.22 D= 8.00 18" INV OUT: 27.39	SD2 12.31 LF - 42" CLASS III RCP @ 1.06%	MH2 48" SDMH #2 RIM: 36.07 18" INV IN (SW): 28.98 18" INV IN (NW): 28.33 24" INV OUT (NE): 28.03
DI-3 15" TYPE CM DROP INLET GRATE: 36.22 D= 8.00 18" INV OUT: 29.35	SD3 12.44 LF - 18" CLASS III RCP @ 1.05%	MH3 60" SDMH #3 RIM: 36.71 18" INV IN (NE): 30.54 24" INV IN (NW): 28.41 24" INV IN (NE): 27.63 36" INV OUT (SW): 27.58
DI-4 12.5" TYPE CM DROP INLET GRATE: 36.55 D= 8.00 18" INV OUT: 30.75	SD4 77.20 LF - 24" CLASS III RCP @ 1.00%	MH4 48" SDMH #4 RIM: 37.10 18" INV IN: 29.36 24" INV OUT: 29.06
DI-5 12.5" TYPE CM DROP INLET GRATE: 36.55 D= 8.00 18" INV OUT: 28.75	SD5 41.38 LF - 18" CLASS III RCP @ 1.00%	MH5 48" SDMH #5 RIM: 38.78 18" INV IN (SW): 32.88 18" INV IN (NW): 31.09 18" INV OUT (SE): 30.79
DI-6 15" TYPE CM DROP INLET GRATE: 36.39 D= 8.00 24" INV OUT: 28.61	SD6 38.07 LF - 18" CLASS III RCP @ 1.00%	MH6 60" SDMH #6 RIM: 39.98 42" INV IN: 16.60 EX. 42" INV OUT: 16.60
DI-7 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 8.00 18" INV OUT: 31.32	SD7 133.83 LF - 36" CLASS III RCP @ 1.00%	
DI-8 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 33.42 TYPE CM MONOLITHIC (SEE PHASE 2) W/ BELL END MANHOLE (SEE PHASE 2) (SEE PHASE 2) (SEE PHASE 2)	SD8 12.65 LF - 24" CLASS III RCP @ 1.58%	
DI-9 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 20.91	SD9 22.51 LF - 18" CLASS III RCP @ 1.00%	
	SD10 40.90 LF - 24" CLASS III RCP @ 3.50%	
	SD11 56.92 LF - 18" CLASS III RCP @ 2.51%	
	SD12 17.58 LF - 18" CLASS III RCP @ 3.00%	
	SD13 24.09 LF - 18" WQ C900 PVC @ 1.00%	
	SD14 33.00 LF - 42" CLASS III RCP @ 12.47%	

NOTE: ALL STORM DRAIN PIPES ARE PUBLIC.



ONLY
O.K. BY CLV
7/20/16
8/2/16



DESIGNED BY: MGB	DRAWN BY: MGB	CHECKED BY: VRH
DATE: March 2015	DATE: March 2015	DATE: March 2015
REVISION	NO.	DATE
ADD CONDUIT ELEMENT WATER METER	7/20/16	7/20/16
REMOVE HOSE END MANHOLE	8/2/16	8/2/16
RELOCATE WATER METER SUBJECT TO UTILITY LOC.	7/20/16	7/20/16

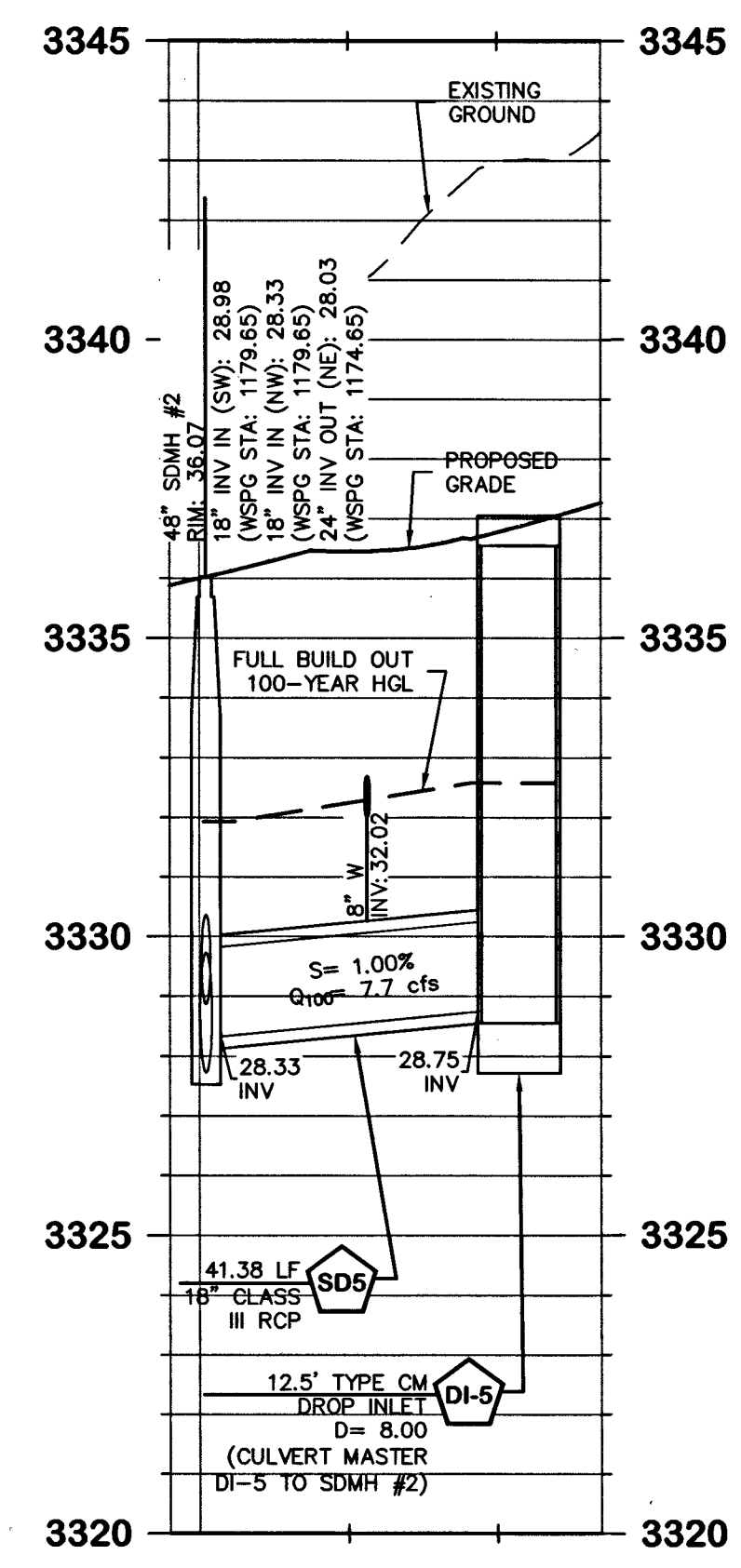
L. R. NELSON CONSULTING ENGINEERS, INC.
6765 West Russell Road, Suite 200
Las Vegas, Nevada 89118
(702) 798-7978
(702) 451-2256 FAX
STRUCTURAL
CIVIL
PLANNING
SURVEY

Woodside Homes
BETTER BY DESIGN

PHASE 1 - SAVONA AT SUMMERLIN
IMPROVEMENT PLANS
NEVADA
CITY OF LAS VEGAS
PROJECT: 123250 AG# 137-137-SE XC 10837

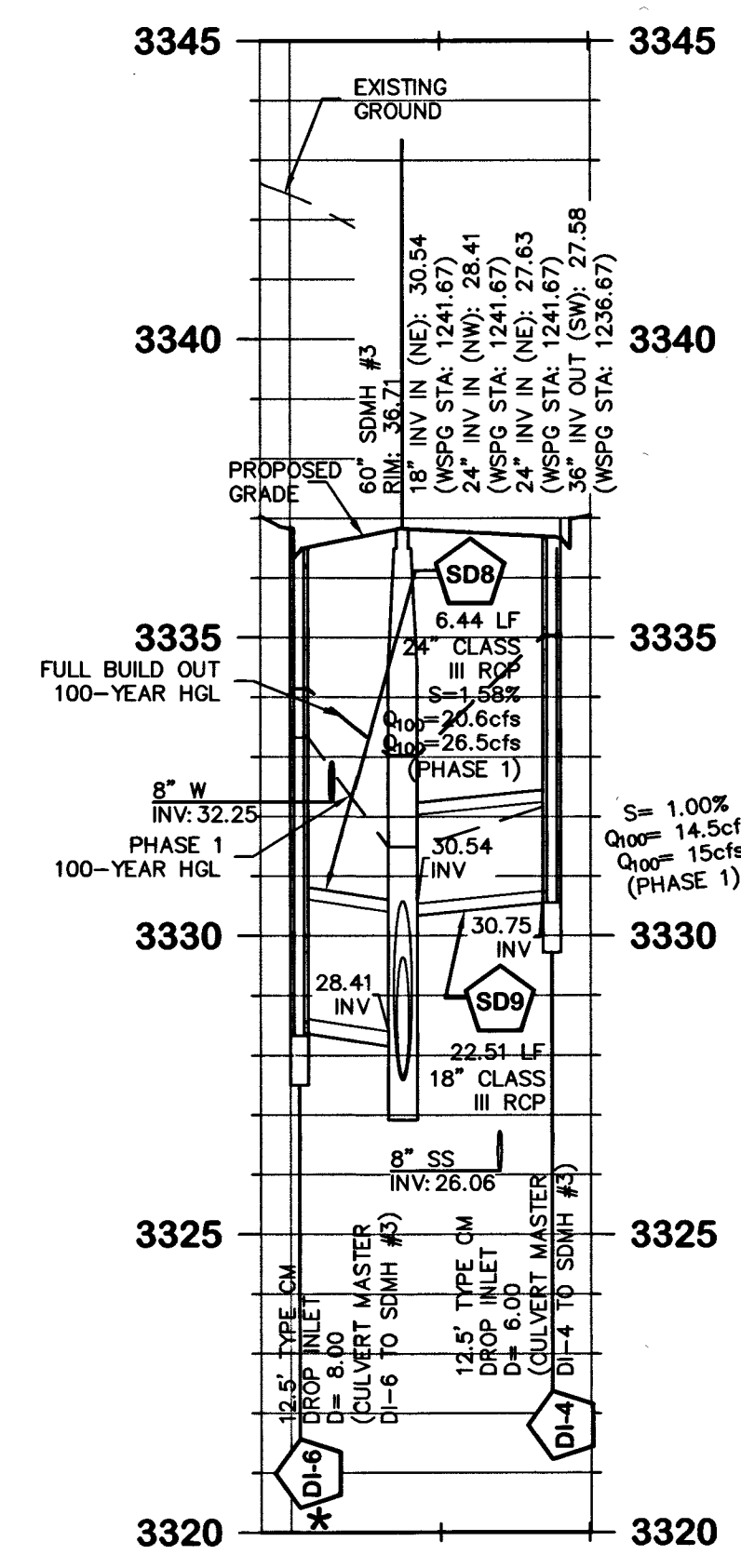
DETAIL SHEET 4
SHEET NUMBER
13
OF 30 SHEETS
CLV# 1075023-1

PROPOSED STORM DRAIN PROFILE- MOLINETTO STREET
(MH #2 THROUGH DI-5)



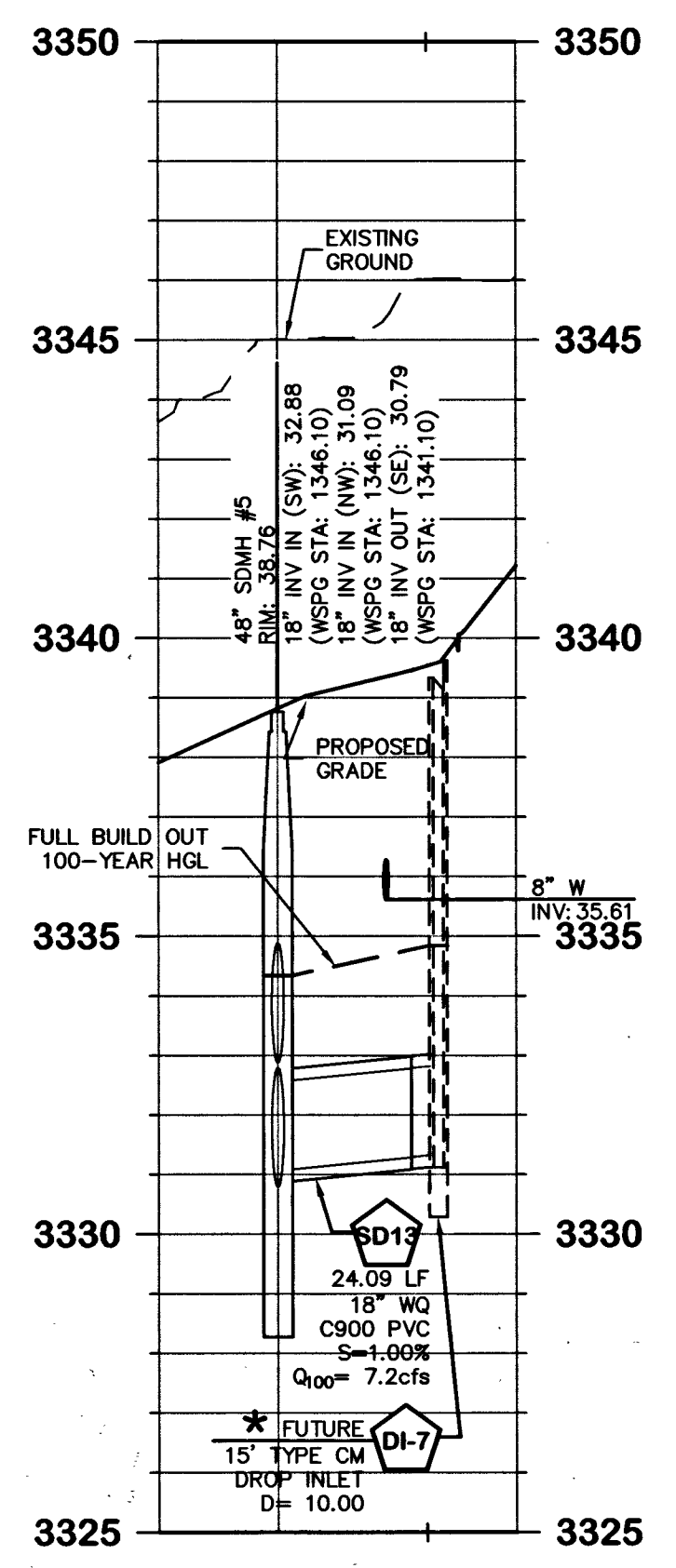
SCALE: HORIZ: 1"=30'
VERT: 1"=3'

PROPOSED STORM DRAIN PROFILE- MOLINETTO STREET
(DI-6, MH #3 & DI-4)



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

PROPOSED STORM DRAIN PROFILE- MOLINETTO STREET
(MH #5 & FUTURE DI-7)



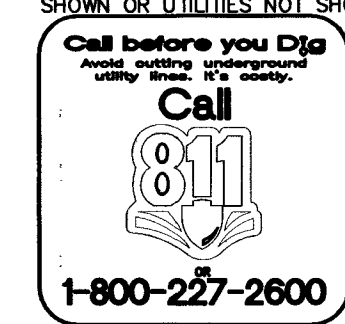
SCALE: HORIZ: 1"=30'
VERT: 1"=3'

APPROVED FOR CONSTRUCTION

SHARPER
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICE MANAGER
DATE: 3/11/15 PROJECT NO. 123250

DISCLAIMER NOTE

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



H# 56545