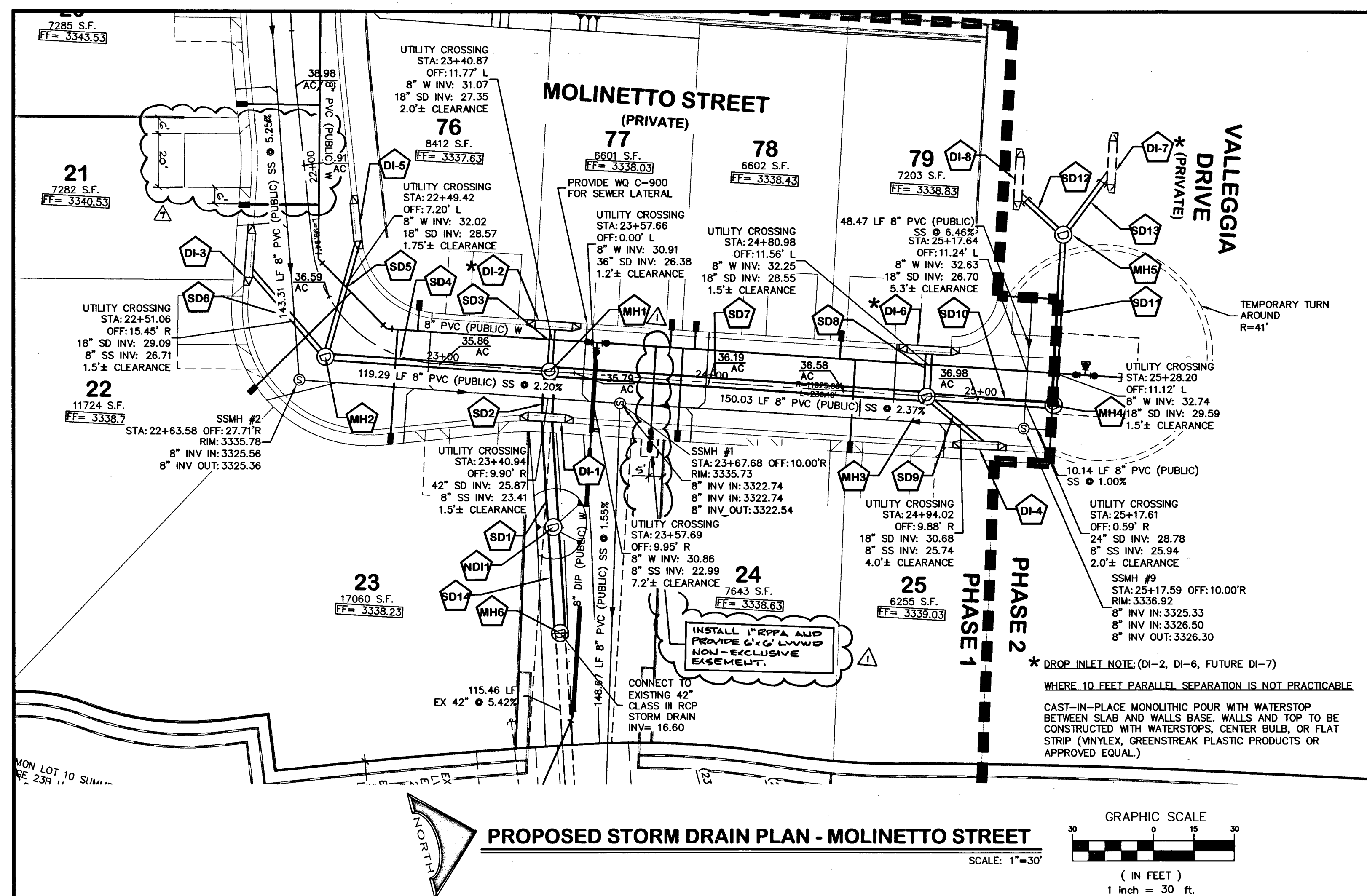


H:\Land Projects\220016 Poses CC\DWG\improva\01_PHASE 1\03-220016 - DETAILS (JAMES GREGORY) 3/11/2015 (12:42:30 PM)



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'

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	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: 33.42	SD9 22.51 LF - 18" CLASS III RCP @ 1.00%	
DI-10 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 33.42	SD10 40.90 LF - 24" CLASS III RCP @ 3.50%	
DI-11 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 33.42	SD11 56.92 LF - 18" CLASS III RCP @ 2.51%	
DI-12 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 33.42	SD12 17.58 LF - 18" CLASS III RCP @ 3.00%	
DI-13 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 33.42	SD13 24.09 LF - 18" WQ C900 PVC @ 1.00%	
DI-14 FUTURE 15" TYPE CM DROP INLET GRATE: 39.22 D= 6.00 18" INV OUT: 33.42	SD14 33.00 LF - 42" CLASS III RCP @ 12.47%	

NOTE:
ALL STORM DRAIN PIPES ARE PUBLIC.



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



REVISION

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

Woodside Homes
BETTER BY DESIGN

PHASE 1 - SAVONA AT SUMMERLIN
IMPROVEMENT PLANS
CITY OF LAS VEGAS
NEVADA

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

APPROVED FOR CONSTRUCTION

SHARPER
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICE MANAGER
DATE 3/16/15 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

PROJ# 123250 AG# 137-27-SE XC 10837