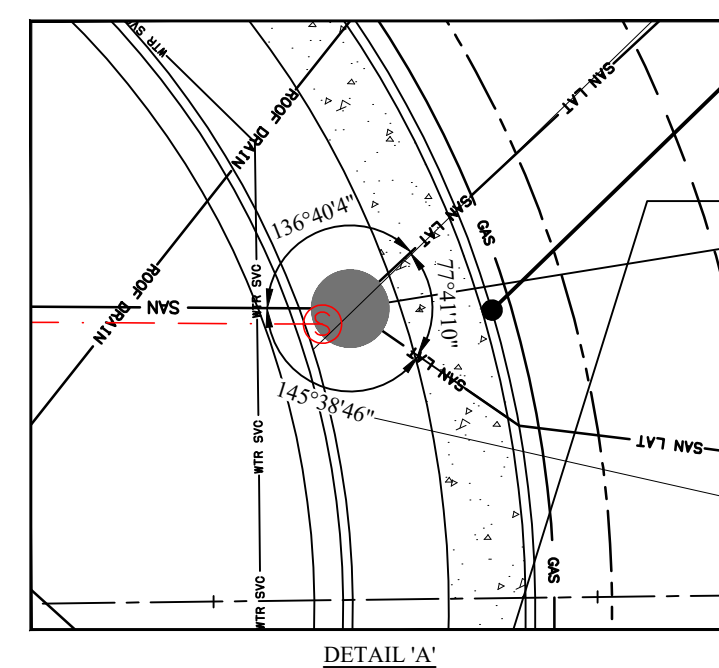


SITE BENCH MARK	SITE BENCH MARK
BENCH MARK #1 TOP NUT ON HYDRANT IN CUL-DE-SAC ON ALLIANCE DRIVE (SEE SHEET C102) ELEVATION = 911.93	BENCH MARK #2 TOP NUT ON HYDRANT ON DUNHAM ROAD (SEE SHEET C102) ELEVATION = 952.66

ITALICS TEXT REPRESENTS EXISTING CONDITION
NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION

- NOTES:
1. WATER CONNECTIONS SHOWN FOR REFERENCE ONLY AND ARE NOT PART OF THE WATER MAIN APPROVAL. ADDITIONAL PERMITS FOR CONNECTIONS MUST BE OBTAINED FROM C.W.D. PRIOR TO INSTALLATION. CALL THE PERMITS AND SALES UNIT FOR MORE INFORMATION AT (216) 664-2441 EXT. 5203.
 2. SANITARY LATERAL NOTE: ALL SANITARY LATERALS SHALL BE 6" PVC SDR35, LAID AT 1% MINIMUM SLOPE AND ADJUSTED AS NECESSARY TO MAINTAIN REQUIRED CLEARANCES WITH OTHER UTILITIES.
 3. STORM LATERAL NOTE: ALL STORM LATERALS SHALL BE 6" PVC, LAID AT 1% SLOPE UNLESS OTHERWISE NOTED ON THE PLANS.
 4. CURB INLET CATCH BASIN NOMENCLATURE:
TOP - TOP OF CASTING/TOP OF CURB
OFFSET MEASURED AT TOP/BACK OF CURB
CONTRACTOR SHALL DEFLECT W.M. & WATER SERVICES AS NECESSARY TO MAINTAIN 18" MIN. CLEARANCE BETWEEN WATERLINE & SEWERS.



STORM STRUCTURE TABLE	
STRUCTURE	DETAILS
5	INLET BASIN (DOUBLE) RIM = 918.05 917.58 INV IN = 916.65, 6' E INV OUT = 915.05, 12" W 915.28 914.98
6	CATCH BASIN (DOUBLE) RIM = 918.05 917.64 INV IN = 914.63, 12" E INV OUT = 914.38, 15" W 914.64 914.44
17	INLET BASIN (DOUBLE) RIM = 919.55 919.16 INV IN = 917.65, 6' S INV OUT = 916.55, 12" N 916.91 916.36
18	CATCH BASIN (DOUBLE) RIM = 919.55 919.15 INV IN = 915.32, 12" S INV OUT = 915.32, 12" N 915.40 915.40
28	YARD BASIN RIM = 926.40 926.19 INV OUT = 919.33, 12" SE 922.86
29	YARD BASIN RIM = 927.50 927.58 INV OUT = 919.37, 12" E 924.03
NEW CB 25A	TOP = 918.20 918.21 INV = 913.22, 30" N 913.49 INV IN = 913.37, 30" N 913.49 INV = 914.87, 12" E 15' E 914.36
NEW CB 27A	TOP = 920.80 919.71 INV = 915.40, 12" E 915.31 INV = 915.40, 12" W 915.31 INV = 915.40, 12" S 915.26

STORM PIPE TABLE						
NAME	SIZE	MATERIAL	LENGTH	SLOPE	LENGTH	SLOPE
ST-12	12"	HDPE	22.00'	-1.91%	23.16'	1.47%
ST-17	12"	HDPE	22.00'	-5.59%	23.31'	4.12%
ST-24	15"	HDPE	-4.00'	-4.00%	2.94'	2.72%
ST-25	12"	HDPE	-4.00'	-2.50%	2.87'	4.88%
ST-26	12"	HDPE	-53.39'	-0.99%	54.92'	7.36%
ST-27	12"	HDPE	-56.82'	+1.00%	56.62'	9.20%
ST-18A			9.86'	2.84%		
ST-5A			8.86'	0.90%		

- FSP = FOUNDATION SUMP PUMP
FDD = FOUNDATION DAYLIGHT DRAIN
WFSP = WALK OUT FOUNDATION SUMP PUMP
FDTS = FOUNDATION DRAIN TO STORM SEWER

Horizontal Scale: 1" = 20'
Vertical Scale: 1" = 5'

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61709
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01-25-2016
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10-03-2016
10-10-2016
03-27-2017

HIDDEN RIDGE
RESIDENTIAL SUBDIVISION
DUNHAM ROAD

PLAN AND
PROFILE

C104C
Project No. 2014-226