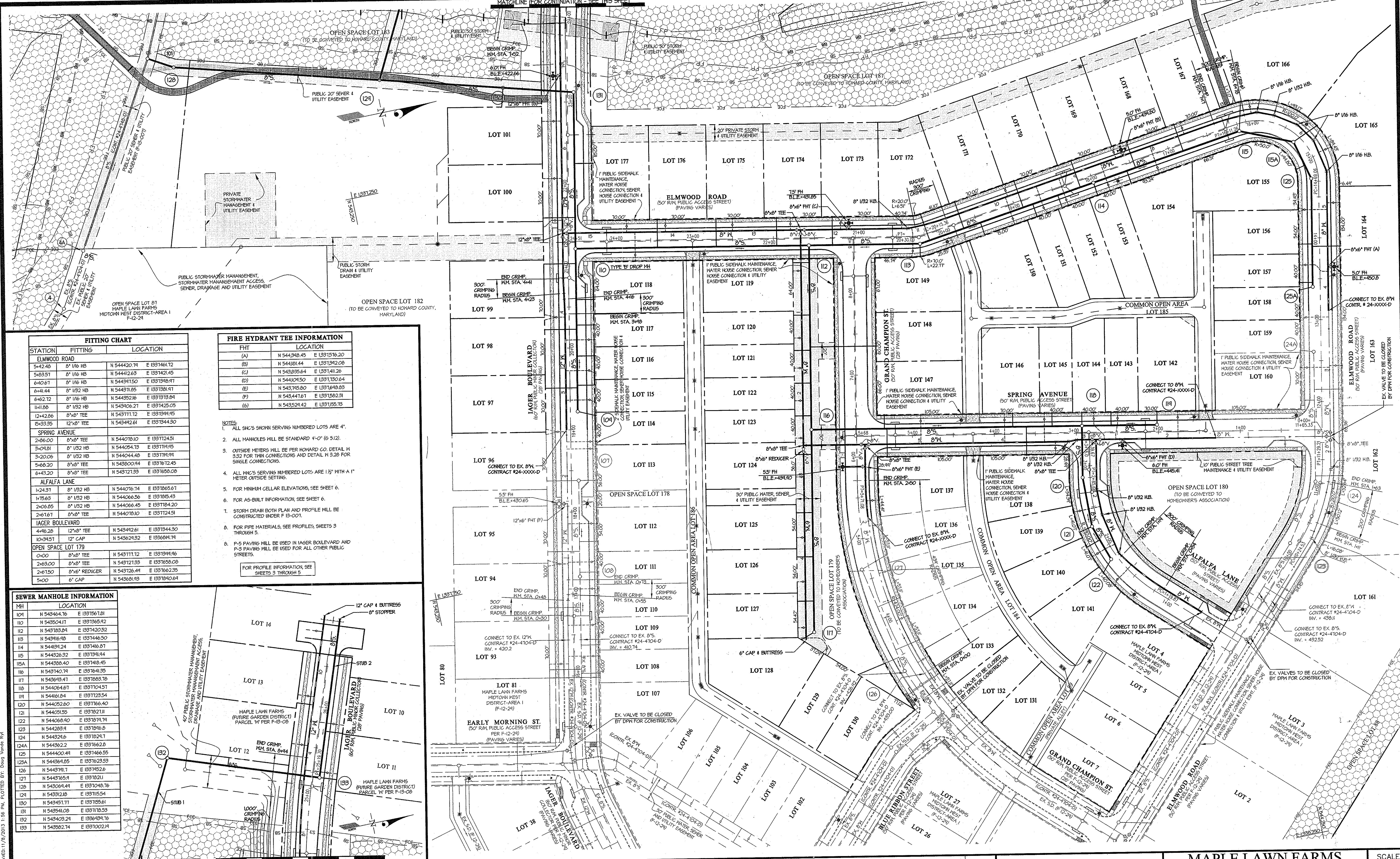


MATCHLINE (FOR CONTINUATION - SEE THIS SHEET)



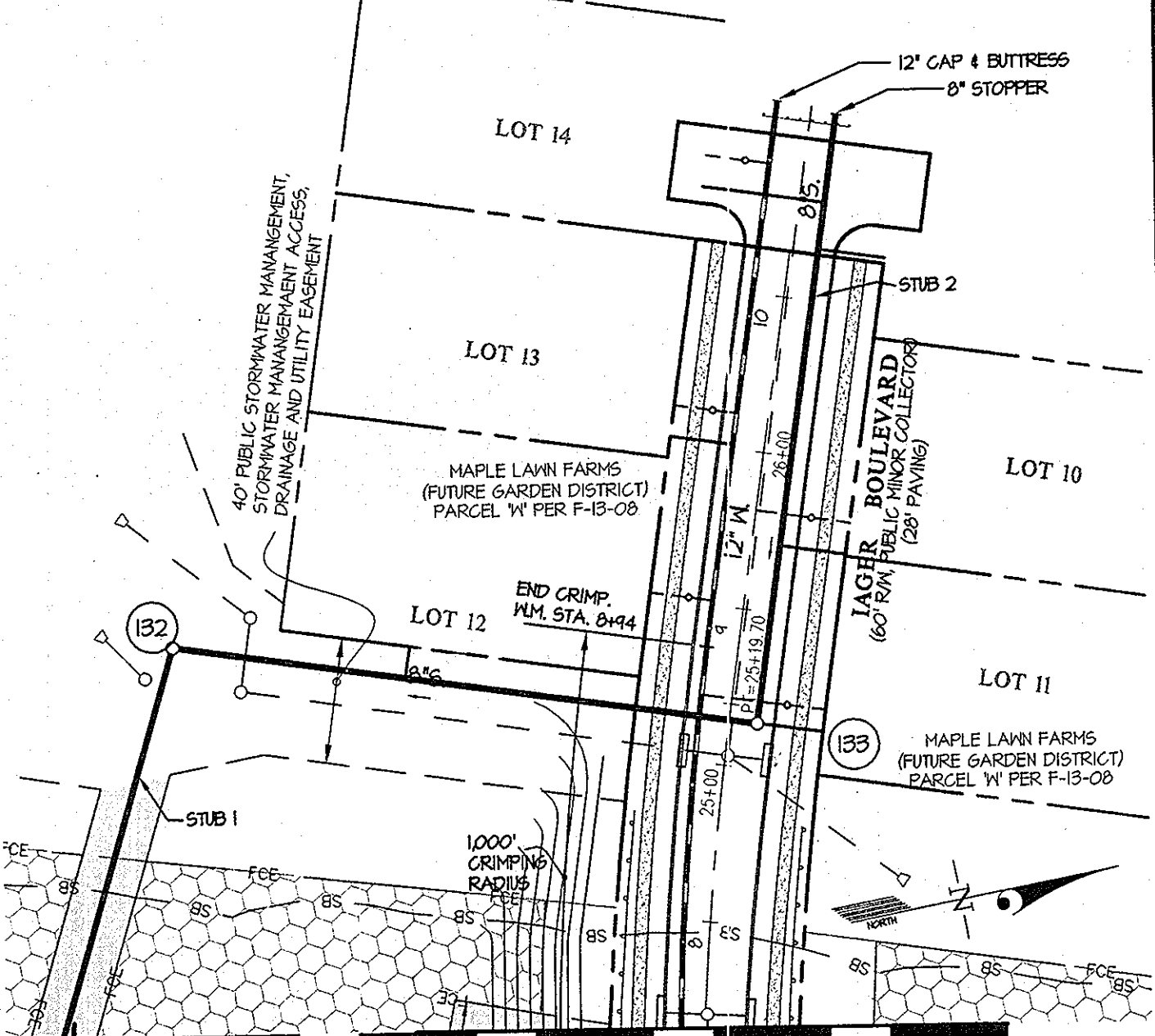
STATION	FITTING	LOCATION
ELMWOOD ROAD		
5+42.48	8" 1/2 HB	N 544420.71 E 1331461.72
5+53.57	8" 1/2 HB	N 544412.63 E 1331421.45
6+10.67	8" 1/2 HB	N 544347.50 E 1331348.97
6+41.44	8" 1/2 HB	N 544311.85 E 1331301.91
6+62.72	8" 1/2 HB	N 544352.16 E 1331313.94
11+11.08	8" 1/2 HB	N 543926.21 E 1331425.05
12+42.86	8" 1/2 TEE	N 543711.12 E 1331394.45
15+33.35	12" 8" TEE	N 543442.61 E 1331344.30
SPRING AVENUE		
2+86.00	8" 1/2 TEE	N 544078.10 E 1331124.51
3+04.81	8" 1/2 HB	N 544054.73 E 1331114.95
3+20.06	8" 1/2 HB	N 544044.48 E 1331114.91
5+68.20	8" 1/2 TEE	N 543800.94 E 1331672.45
6+43.20	8" 1/2 TEE	N 543712.33 E 1331658.08
ALFA LANE		
1+24.37	8" 1/2 HB	N 544076.74 E 1331265.67
1+59.63	8" 1/2 HB	N 544066.56 E 1331285.43
2+06.85	8" 1/2 HB	N 544066.45 E 1331284.20
2+61.67	8" 1/2 TEE	N 544078.10 E 1331124.51
LAGER BOULEVARD		
4+46.28	12" 8" TEE	N 543442.61 E 1331344.30
10+34.51	12" CAP	N 543624.32 E 1336044.74
OPEN SPACE LOT 179		
0+00	8" 1/2 TEE	N 543711.12 E 1331394.46
2+63.00	8" 1/2 TEE	N 543712.33 E 1331658.08
2+61.50	8" 1/2 REDUCER	N 543726.44 E 1331662.35
5+00	6" CAP	N 543688.93 E 1331240.64

FHT	LOCATION
(A)	N 544348.45 E 1331516.20
(B)	N 544181.44 E 1331342.08
(C)	N 543836.64 E 1331411.26
(D)	N 544104.50 E 1331180.64
(E)	N 543745.80 E 1331648.83
(F)	N 543441.67 E 1331582.31
(G)	N 543524.42 E 1331155.73

- NOTES:
- ALL SH'S SHOWN SERVING NUMBERED LOTS ARE 4".
 - ALL MANHOLES WILL BE STANDARD 4'-0" (6 S12).
 - OUTSIDE METERS WILL BE PER HOWARD CO. DETAIL IN 332 FOR TWIN CONNECTIONS AND DETAIL IN 528 FOR SINGLE CONNECTIONS.
 - ALL MH'S SERVING NUMBERED LOTS ARE 1 1/2" WITH A 1" METER OUTSIDE SETTING.
 - FOR MINIMUM CELLAR ELEVATIONS, SEE SHEET 6.
 - FOR AS-BUILT INFORMATION, SEE SHEET 6.
 - STORM DRAIN BOTH PLAN AND PROFILE WILL BE CONSTRUCTED UNDER F-15-001.
 - FOR PIPE MATERIALS, SEE PROFILES, SHEETS 3 THROUGH 5.
 - P-3 PAVING WILL BE USED IN LAGER BOULEVARD AND P-3 PAVING WILL BE USED FOR ALL OTHER PUBLIC STREETS.

FOR PROFILE INFORMATION, SEE SHEETS 3 THROUGH 5

MH	LOCATION
101	N 543464.76 E 1337567.81
110	N 543504.17 E 1337365.92
112	N 543183.84 E 1337420.52
113	N 543916.98 E 1337446.50
114	N 543914.24 E 1337416.87
115	N 544336.32 E 1337341.94
115A	N 543888.40 E 1337410.45
116	N 543740.74 E 1337413.35
117	N 543634.47 E 1337393.19
118	N 544054.67 E 1337104.57
119	N 544052.60 E 1337166.40
120	N 544051.55 E 1337271.11
122	N 544068.90 E 1337214.74
123	N 544283.94 E 1337296.28
124	N 544324.16 E 1337291.17
124A	N 544362.22 E 1337262.28
125	N 544400.44 E 1337166.55
125A	N 544364.05 E 1337223.53
126	N 544371.17 E 1337152.62
127	N 544376.54 E 1337182.11
128	N 543804.44 E 1337048.76
129	N 543812.10 E 1337155.54
130	N 543451.77 E 1337159.61
131	N 543451.08 E 1337118.53
132	N 543403.24 E 1336493.76
133	N 543382.74 E 1337002.14



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

John C. ...
CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

John C. ...
CHIEF, DEVELOPMENT ENGINEERING DIVISION

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BIRKINGVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4188

G.L.W. No. 11001

DATE OCT., 2012

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975
EXP. DATE: MAY 28, 2014

BY NO. 11-11-13

REVISION

DATE

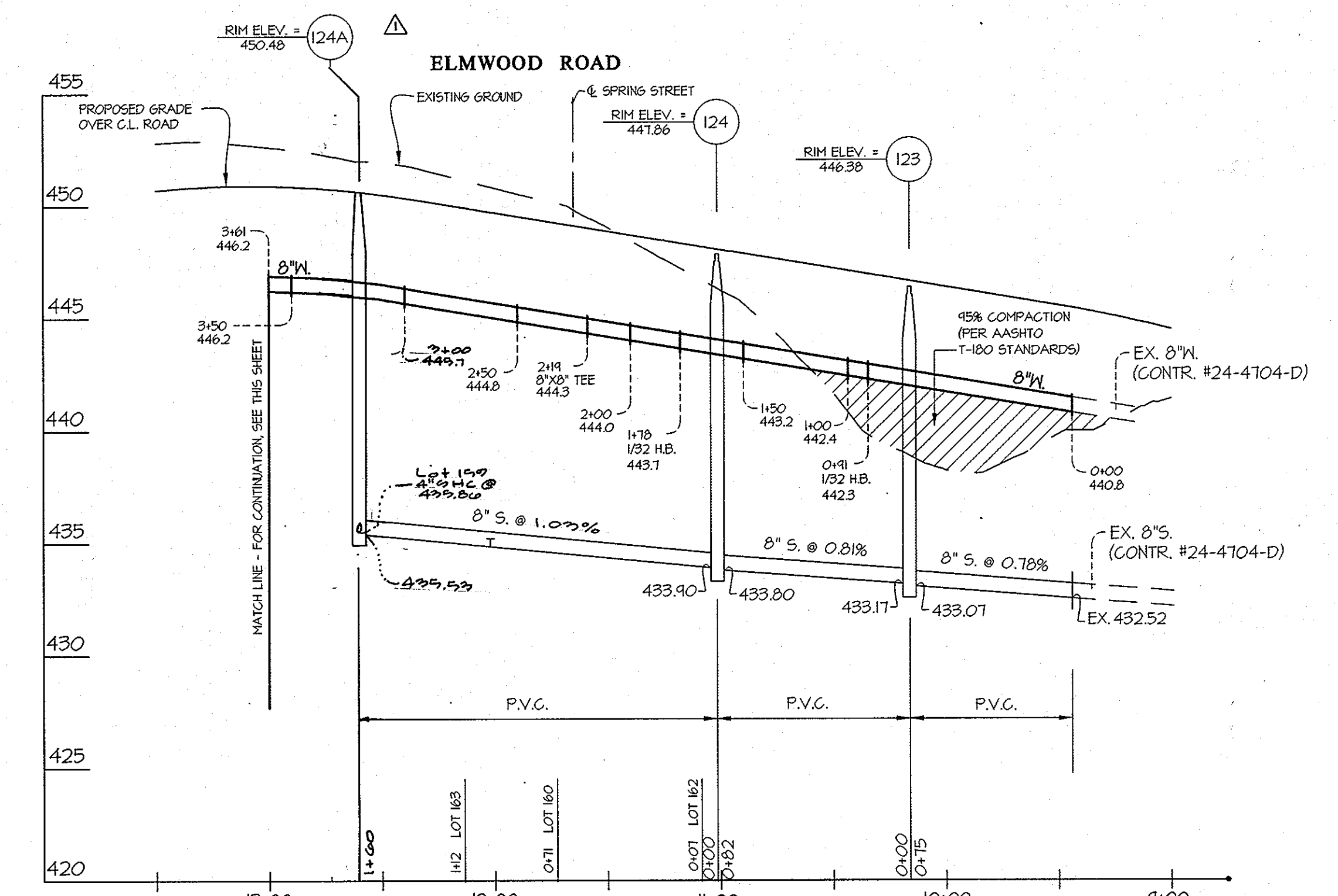
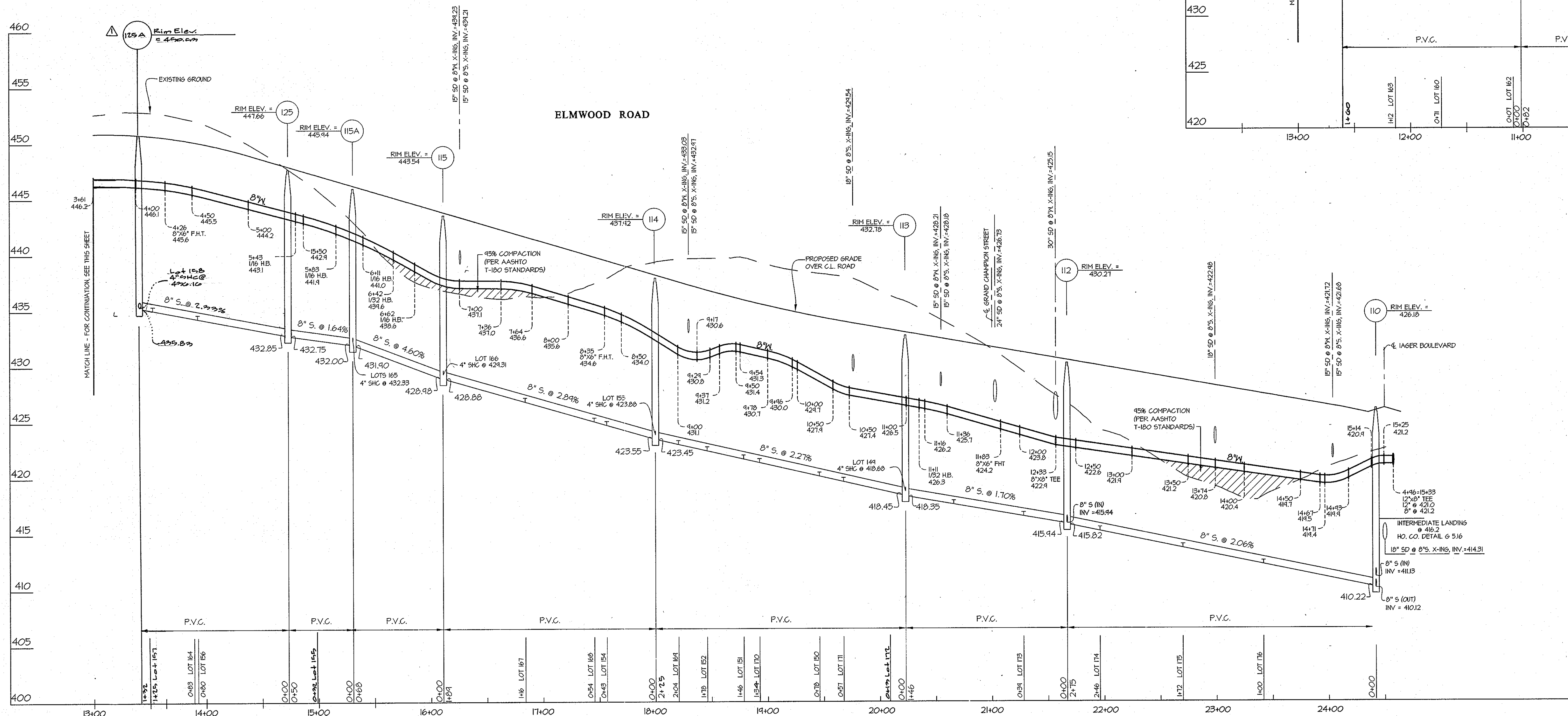
WATER and SEWER PLAN

600' SCALE MAP NO. 41 BLOCK NO. 14&15

MAPLE LAWN FARMS
CONTRACT No. 24-4747-D
MIDTOWN WEST DISTRICT - AREA 2 (PHASE 3)
LOTS 97-101, LOTS 114-133, LOTS 137-158, LOTS 164-177...
OPEN SPACE LOTS 179 - 183
COMMON OPEN AREA LOT 184 - 186
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 5

SCALE 1" = 50'

SHEET 2 OF 6



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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Chief, Bureau of Utilities
 11/21/12

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
 Chief, Development Engineering Division
 11/21/12

GLW GUTSCHICK LITTLE & WEBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20886
 TEL: 301-421-4024 BAL: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186
 DES. GT DRN. GT CHK. REV

DATE OCTOBER, 2012
 G.L.W. No. 11001

PROFESSIONAL CERTIFICATION
 I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975
 EXP. DATE: MAY 26, 2014
 11.7.12

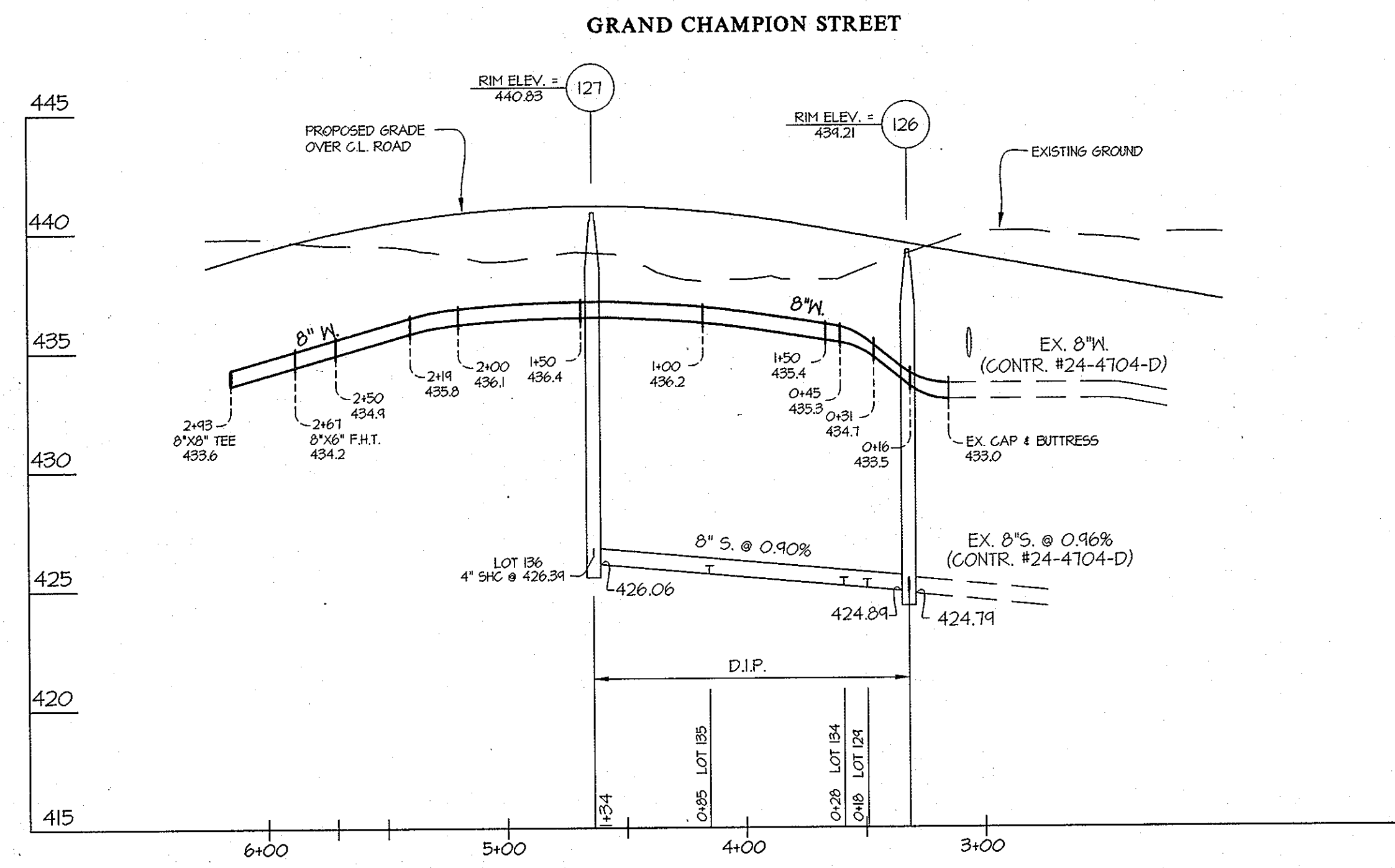
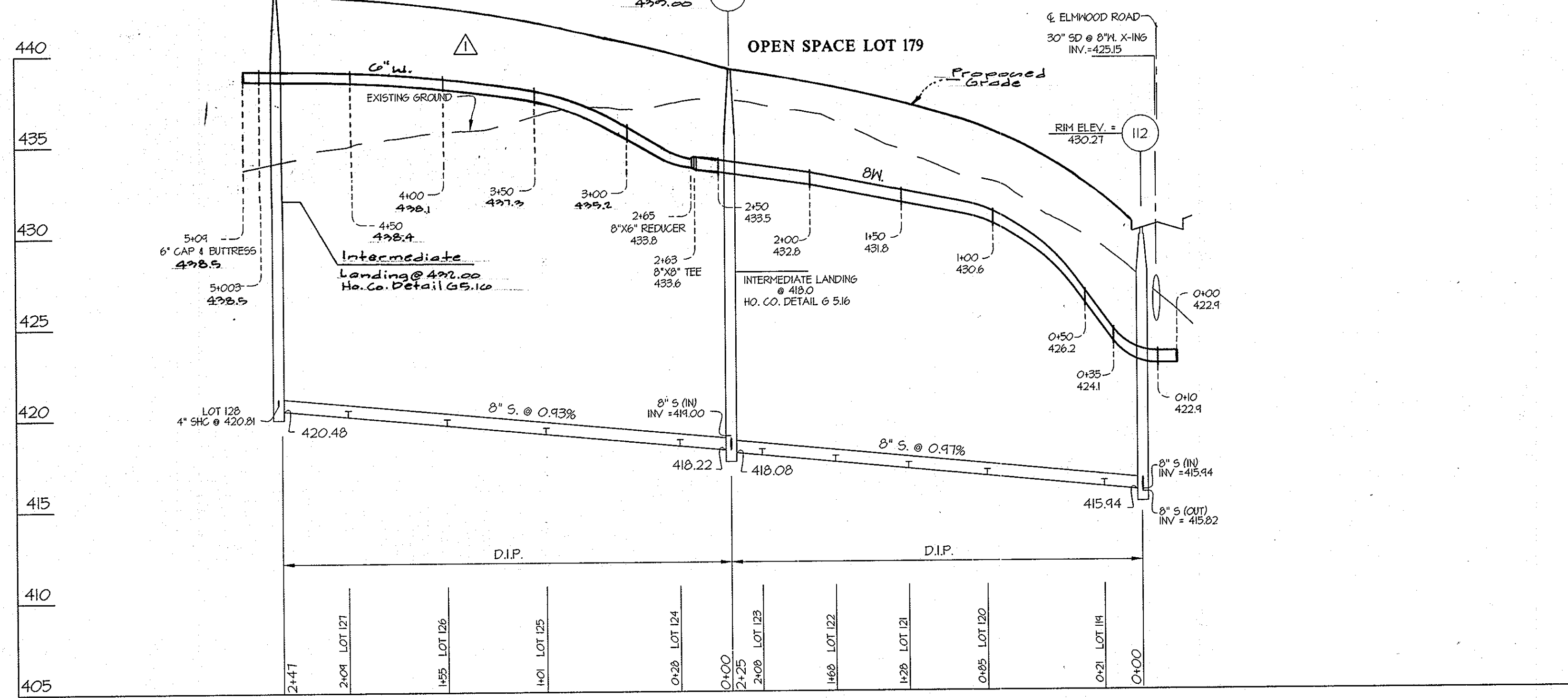
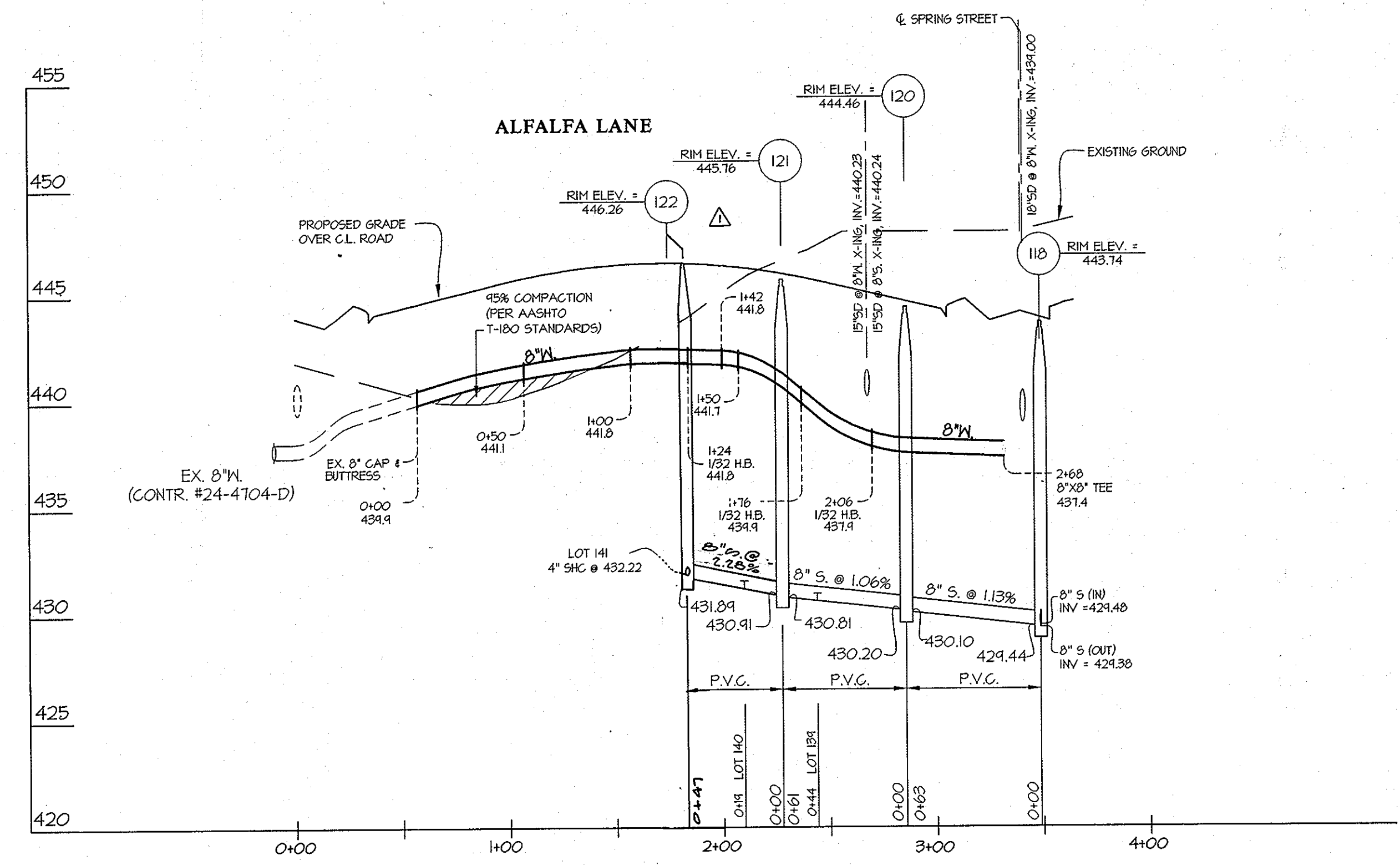
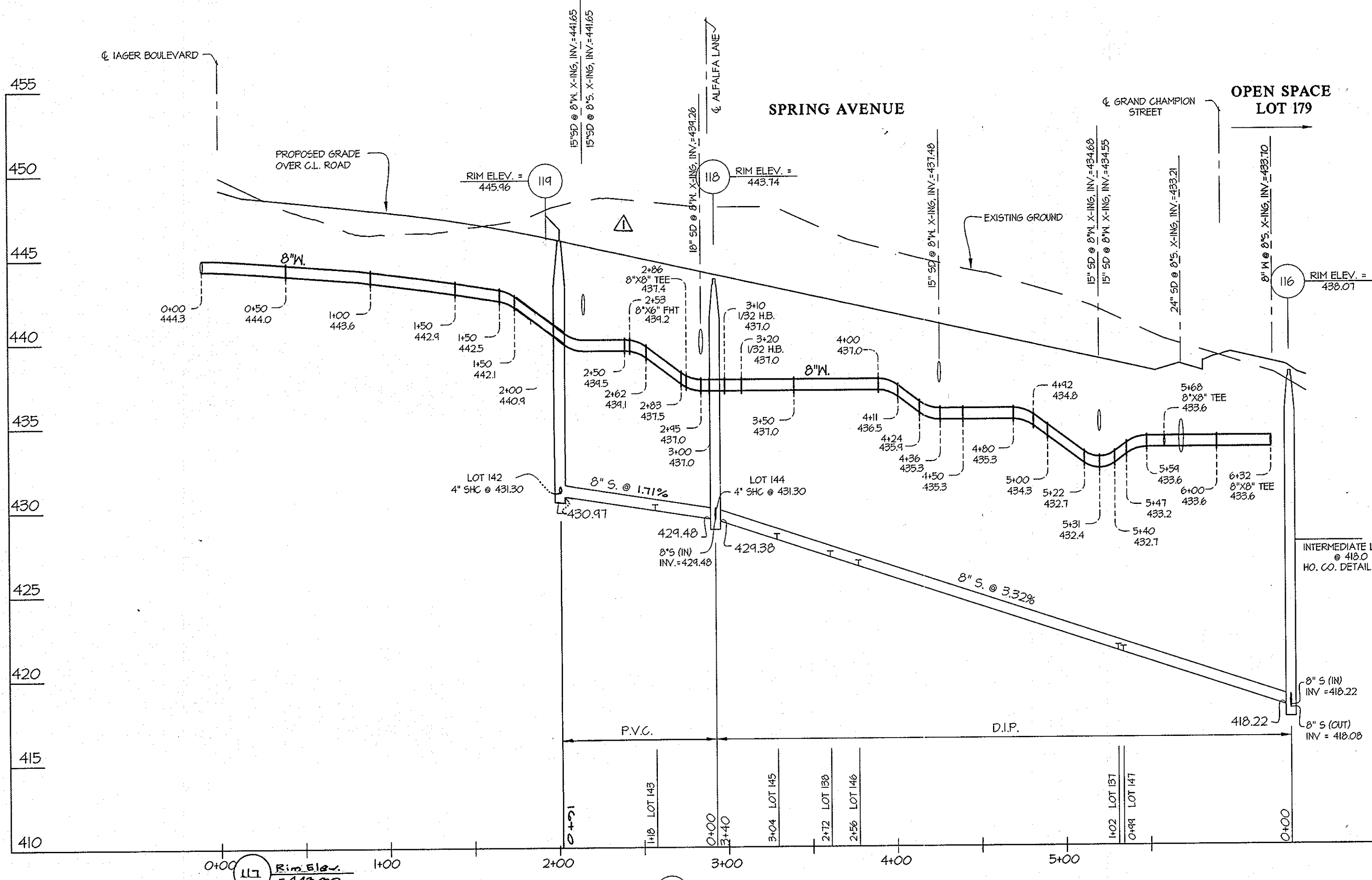


REV	NO	REVISION	DATE
1		rev. 8's to account for driveways.	11-11-12

WATER AND SEWER PROFILES
 600' SCALE MAP NO. 41 BLOCK NO. 14&15

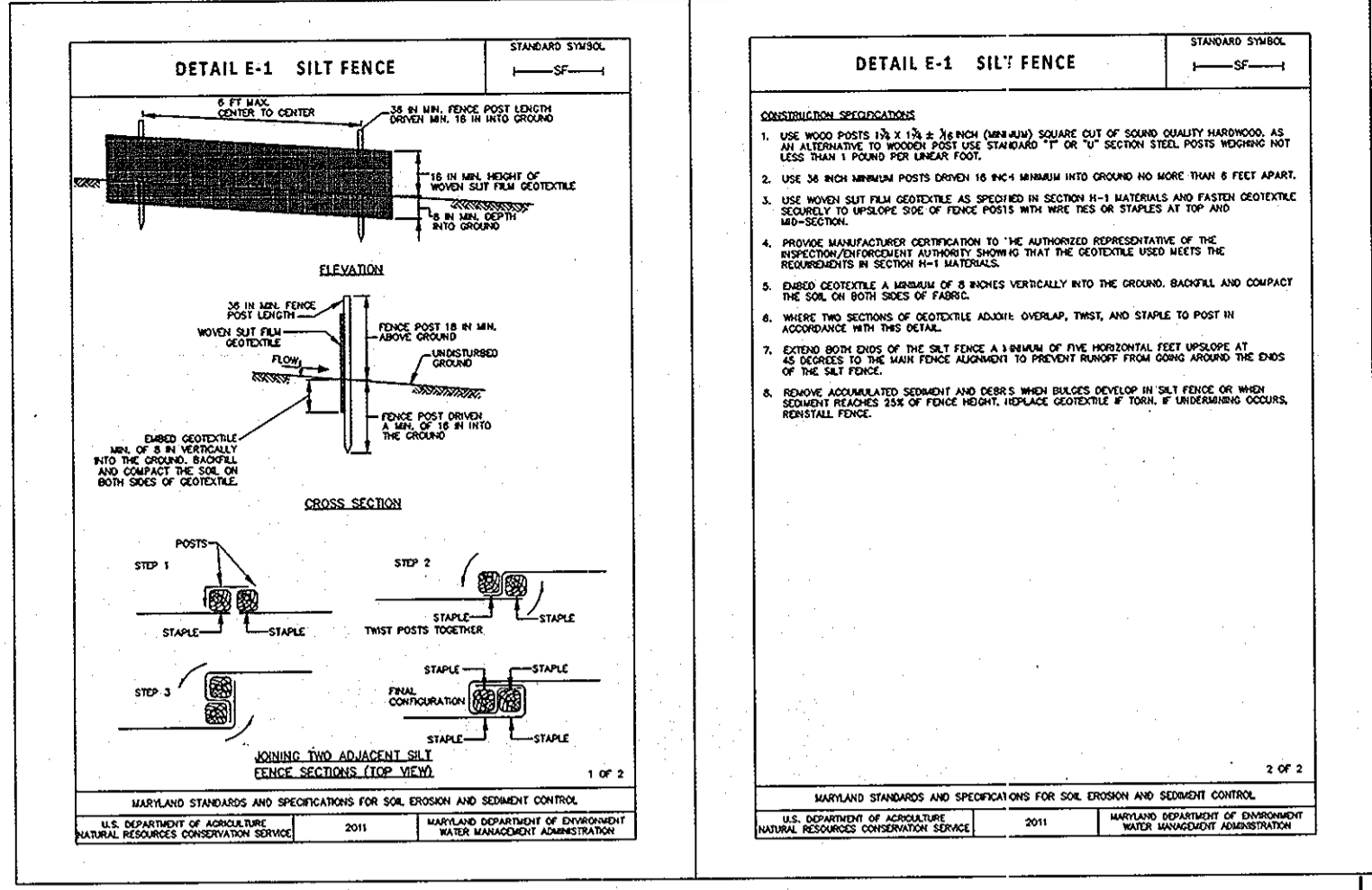
MAPLE LAWN FARMS
 CONTRACT No. 24-4747-D
 MIDTOWN WEST DISTRICT - AREA 2 (PHASE 2)
 LOTS 93 - 177
 OPEN SPACE LOTS 178 - 183 AND COMMON OPEN AREA LOTS 184 - 186
 HOWARD COUNTY, MARYLAND
 ELECTION DISTRICT No. 5

SCALE AS SHOWN
 SHEET 3 OF 6



L:\CADD\PROJECTS\11001\11001-WS-PROFILES\REV.dwg, PLOTTED: 11/7/2012 8:29 AM, LAST SAVED: 11/7/2012 8:28 AM, PLOTTED BY: Jennifer R. Dicks

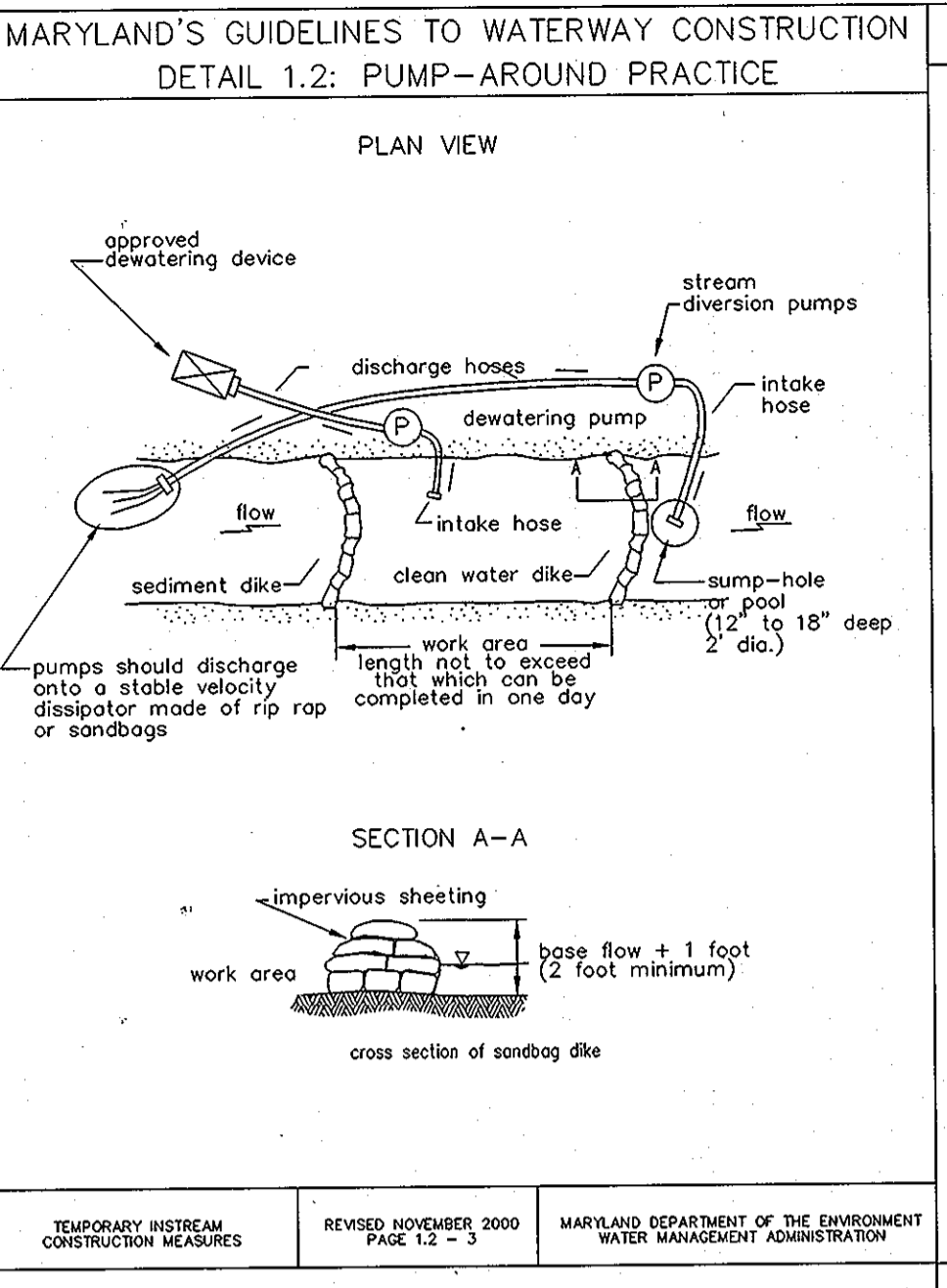
DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>S. J. Chan</i> CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND <i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	GLW GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DATE OCTOBER, 2012 G.L.W. No. 11001	PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975 EXP. DATE: MAY 26, 2014	11-11-13 rev. 8\"/>	MAPLE LAWN FARMS CONTRACT NO. 24-4747-D MIDDLETOWN WEST DISTRICT - AREA 2 (PHASE 2) LOTS 93 - 177 OPEN SPACE LOTS 178 - 183 AND COMMON OPEN AREA LOTS 184 - 186 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 5	SCALE AS SHOWN SHEET 4 OF 6
		WATER AND SEWER PROFILES		600' SCALE MAP NO. 41 BLOCK NO. 14&15			



BEST MANAGEMENT PRACTICES

FOR WORKING IN NONTIDAL WETLANDS, WETLAND BUFFERS, WATERWAYS, AND 100-YEAR FLOODPLAINS

- NO EXCESS FILL, CONSTRUCTION MATERIAL, OR DEBRIS SHALL BE STOCKPILED OR STORED IN NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS, OR 100-YEAR FLOODPLAIN.
- PLACE MATERIALS IN A LOCATION AND MANNER WHICH DOES NOT ADVERSELY IMPACT SURFACE OR SUBSURFACE WATER FLOW INTO OR OUT OF NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS, OR THE 100-YEAR FLOOD PLAIN.
- DO NOT USE THE EXCAVATED MATERIAL AS BACKFILL IF IT CONTAINS WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL, OR ANY OTHER DELETERIOUS SUBSTANCE. IF ADDITIONAL BACKFILL IS REQUIRED, USE CLEAN MATERIAL FREE OF WASTE METAL PRODUCTS, UNSIGHTLY DEBRIS, TOXIC MATERIAL, OR ANY OTHER DELETERIOUS SUBSTANCE.
- PLACE HEAVY EQUIPMENT ON MATS OR SUITABLY OPERATE THE EQUIPMENT TO PREVENT DAMAGE TO NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, WATERWAYS, OR THE 100-YEAR FLOODPLAIN.
- REPAIR AND MAINTAIN ANY SERVICEABLE STRUCTURE OR FILL SO THERE IS NO PERMANENT LOSS OF NONTIDAL WETLANDS, NONTIDAL WETLAND BUFFERS, OR WATERWAYS, OR PERMANENT MODIFICATION OF THE 100-YEAR FLOODPLAIN IN EXCESS OF THAT LOST UNDER THE ORIGINALLY AUTHORIZED STRUCTURE OR FILL.
- RECTIFY ANY NONTIDAL WETLANDS, WETLAND BUFFERS, WATERWAYS OR 100-YEAR FLOODPLAIN TEMPORARILY IMPACTED BY ANY CONSTRUCTION.
- ALL STABILIZATION IN THE NONTIDAL WETLAND AND NONTIDAL WETLAND BUFFER SHALL CONSIST OF THE FOLLOWING SPECIES:
ANNUAL RYE GRASS (LULIUM MULTIFLORUM)
MILLET (SETARIA ITALICA)
BARLEY (HORDEUM SPECIES)
OATS (SP.)
RYE (SECALE CEREALE)
THESE SPECIES WILL ALLOW FOR THE STABILIZATION OF THE SITE WHILE ALSO ALLOWING FOR THE VOLUNTARY VEGETATION OF NATURAL WETLAND SPECIES. OTHER NON-PERSISTENT VEGETATION MAY BE ACCEPTABLE, BUT MUST BE APPROVED BY THE NONTIDAL WETLANDS AND WATERWAYS DIVISION. KENTUCKY 31 FESCUE SHALL NOT BE UTILIZED IN WETLAND OR BUFFER AREAS. THE AREA SHOULD BE SEEDING AND MULCHED TO REDUCE EROSION AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
- AFTER INSTALLATION HAS BEEN COMPLETED, MAKE POST-CONSTRUCTION GRADES AND ELEVATIONS THE SAME AS THE ORIGINAL GRADES AND ELEVATIONS IN TEMPORARILY IMPACTED AREAS.
- TO PROTECT AQUATIC SPECIES, IN-STREAM WORK IS PROHIBITED AS DETERMINED BY THE CLASSIFICATION OF THE STREAM
- USE 1 WATERS: IN-STREAM WORK SHALL BE CONDUCTED DURING THE PERIOD MARCH 1 THROUGH JUNE 15, INCLUSIVE, DURING ANY YEAR.
- STORMWATER RUNOFF FROM IMPERVIOUS SURFACES SHALL BE CONTROLLED TO PREVENT THE WASHING OF DEBRIS INTO THE WATERWAY.
- CULVERTS SHALL BE CONSTRUCTED AND ANY RIPRAP PLACED SO AS NOT TO OBSTRUCT THE MOVEMENT OF AQUATIC SPECIES, UNLESS THE PURPOSE OF THE ACTIVITY IS TO IMPOUND WATER.



MGWC 1.2: PUMP-AROUND PRACTICE

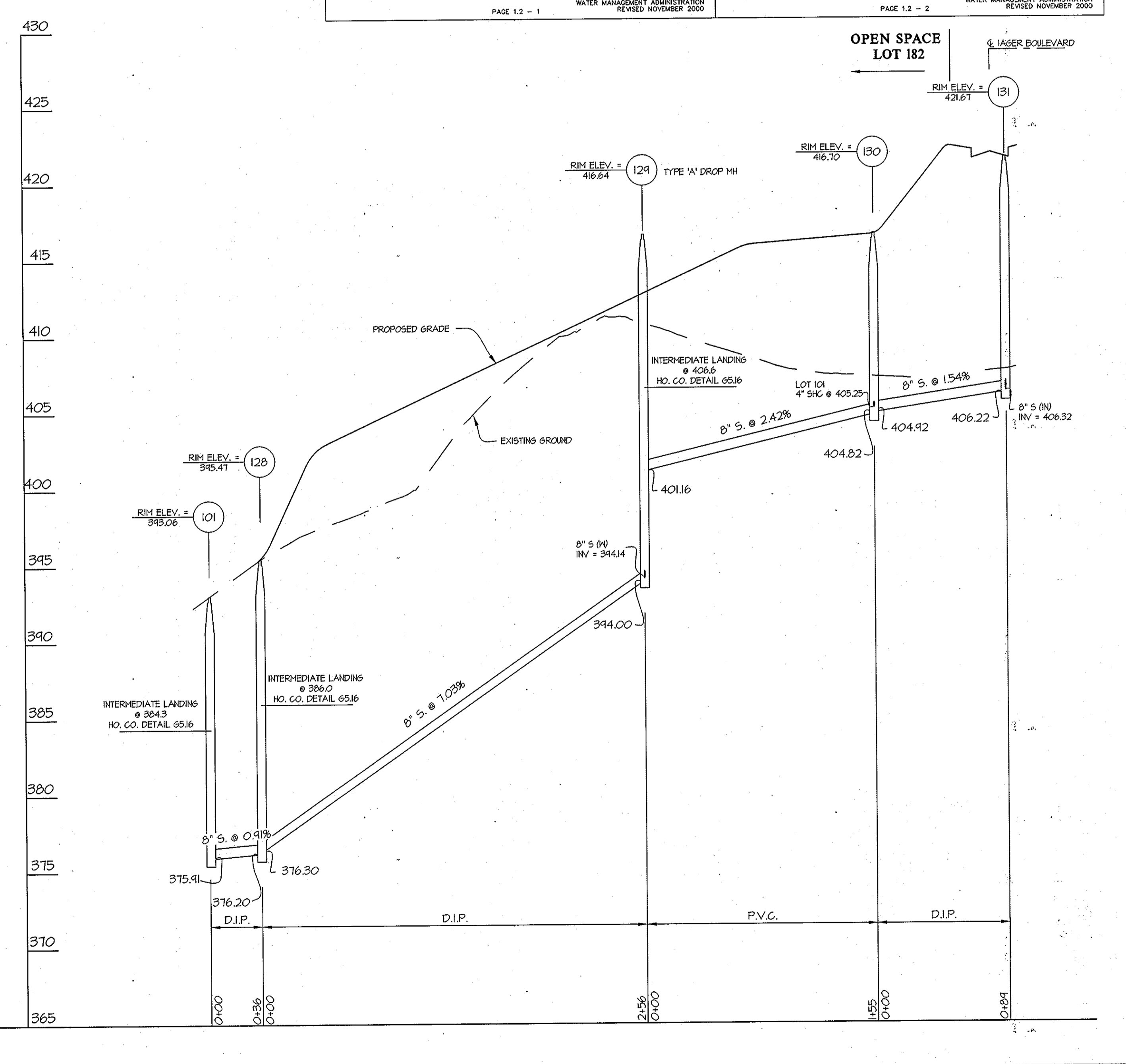
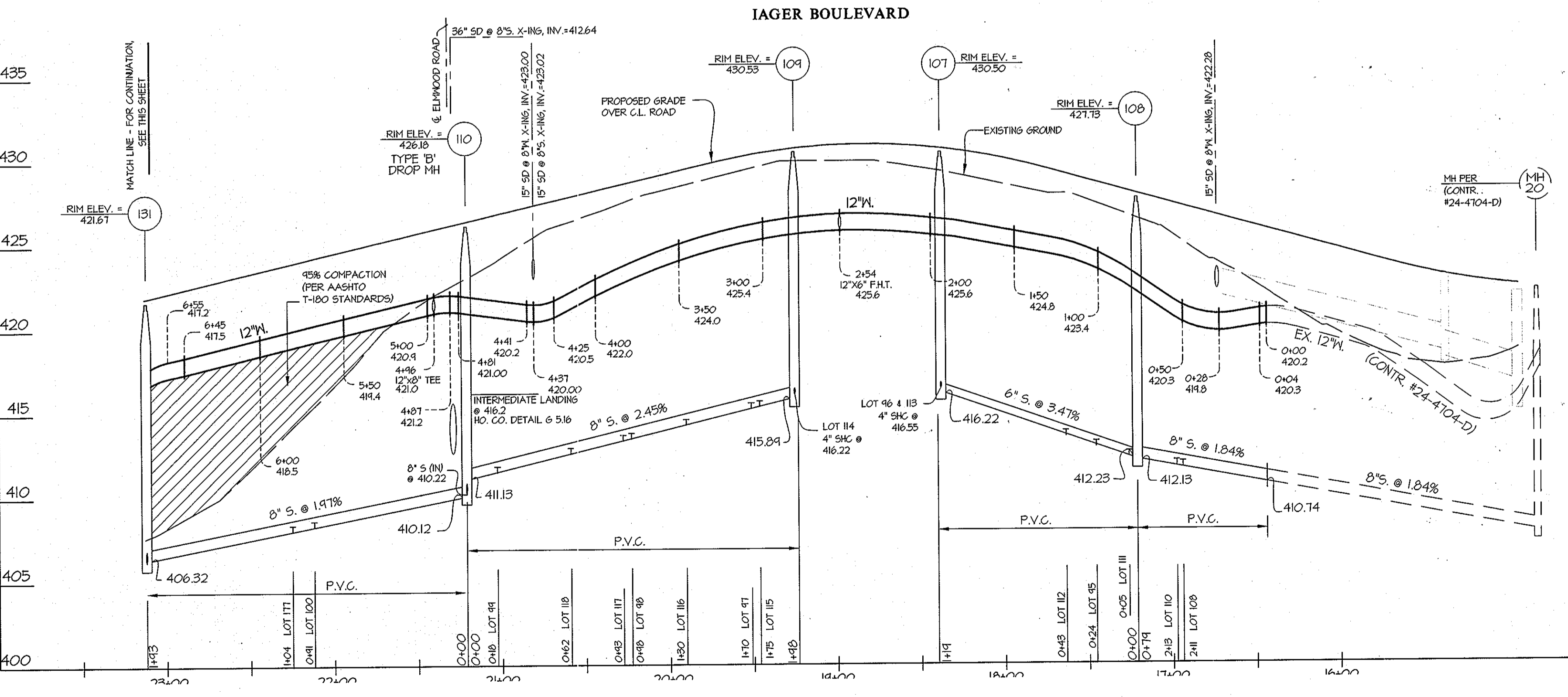
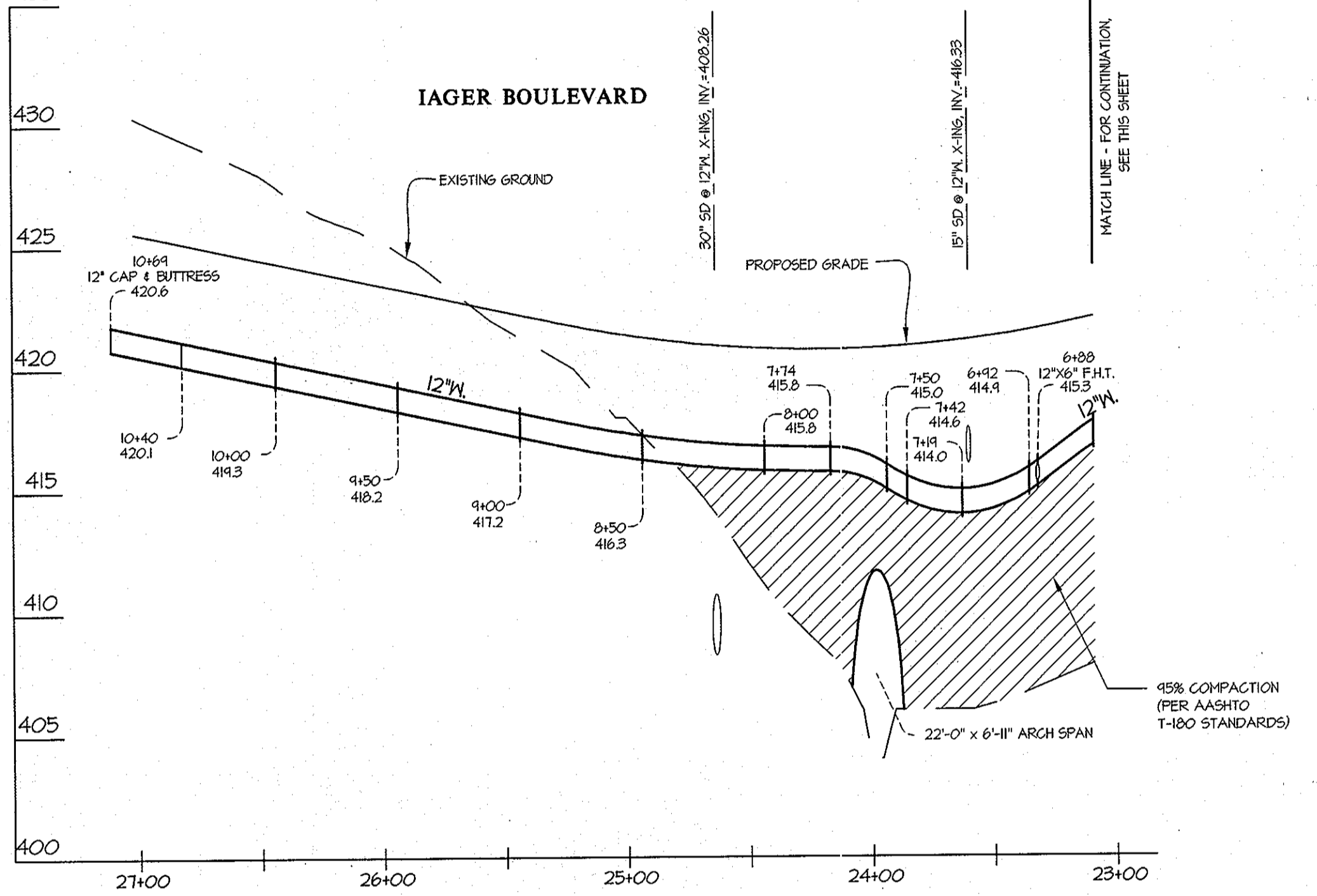
DESCRIPTION
The work should consist of installing a temporary pump around and supporting measures to divert flow around in-stream construction sites.

IMPLEMENTATION SEQUENCE
Sediment control measures, pump-around practices, and associated channel and bank construction should be completed in the following sequence (refer to Detail 1.2):

- Construction activities including the installation of erosion and sediment control measures should not begin until all necessary easements and/or right-of-ways have been acquired. All existing utilities should be marked in the field prior to construction. The contractor is responsible for any damage to existing utilities that may result from construction and should repair the damage at his/her own expense to the county's or utility company's satisfaction.
- The contractor should notify the Maryland Department of the Environment or WMA sediment control inspector at least 5 days before beginning construction. Additionally, the contractor should inform the local environmental protection and resource management inspection and enforcement division and the provider of local utilities a minimum of 48 hours before starting construction.
- The contractor should conduct a pre-construction meeting on site with the WMA sediment control inspector, the county project manager, and the engineer to review limits of disturbance, erosion and sediment control requirements, and the sequence of construction. The contractor should make out all limits of disturbance prior to the pre-construction meeting so they may be reviewed. The participants will also designate the contractor's staging areas and flag all trees within the limit of disturbance which will be removed for construction access. Trees should not be removed within the limit of disturbance without approval from the WMA or local authority.
- Construction should not begin until all sediment and erosion control measures have been installed and approved by the engineer and the sediment control inspector. The contractor should stay within the limits of the disturbance as shown on the plans and minimize disturbance within the work area whenever possible. Upon installation of all sediment control measures and approval by the sediment control inspector and the local environmental protection and resource management inspection and enforcement division, the contractor should begin work at the upstream section and proceed downstream beginning with the establishment of stabilized construction entrances. In some cases, work may begin downstream if appropriate. The sequence of construction must be followed unless the contractor gets written approval for deviations from the WMA or local authority. The contractor should only begin work in an area which can be completed by the end of the day including grading adjacent to the channel. At the end of each work day, the work area must be stabilized and the pump around removed from the channel. Work should not be conducted in the channel during rain events.
- Sandbag dikes should be situated at the upstream and downstream ends of the work area as shown on the plans, and stream flow should be pumped around the work area. The pump should discharge onto a stable velocity dissipater made of riprap or sandbags.

MGWC 1.2: PUMP-AROUND PRACTICE

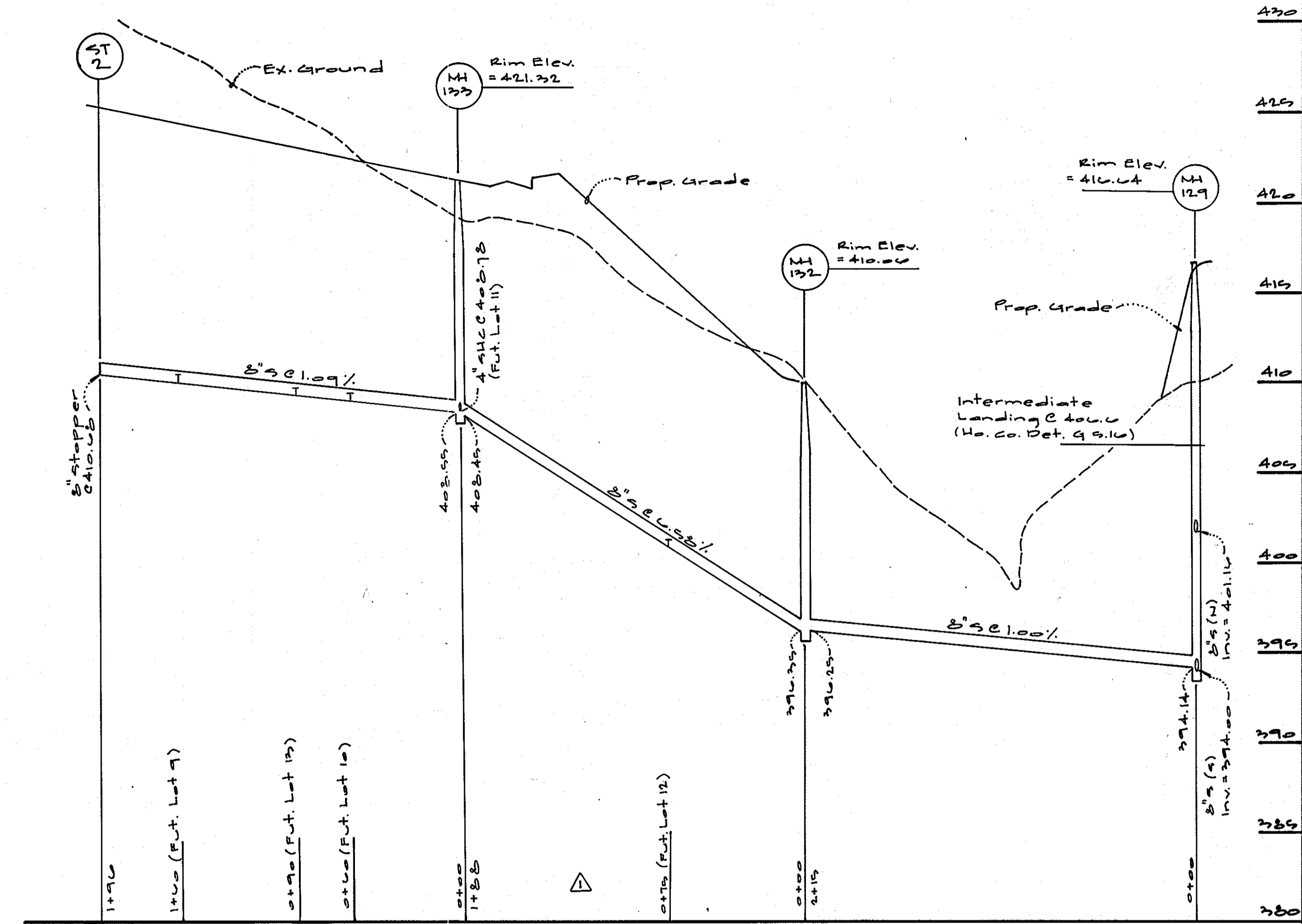
- Water from the work area should be pumped to a sediment filtering measure such as a dewatering basin, sediment bag, or other approved source. The measure should be located such that the water drains back into the channel below the downstream sandbag dike.
- Traversing a channel reach with equipment within the work area where no work is proposed should be avoided. If equipment has to traverse such a reach for access to another area, then timber mats or similar measures should be used to minimize disturbance to the channel. Temporary stream crossings should be used only when necessary and only where noted on the plans or specified. (See Section 4, Stream Crossings, Maryland Guidelines to Waterway Construction).
- All stream restoration measures should be installed as indicated by the plans and all banks graded in accordance with the grading plans and typical cross-sections. All grading must be stabilized at the end of each day with seed and mulch or seed and matting as specified on the plans.
- After an area is completed and stabilized, the clean water dike should be removed. After the first sediment flush, a new clean water dike should be established upstream from the old sediment dike. Finally, upon establishment of a new sediment dike below the old one, the old sediment dike should be removed.
- A pump around must be installed on any tributary or storm drain outfall which contributes baseflow to the work area. This should be accomplished by locating a sandbag dike at the downstream end of the tributary or storm drain outfall and pumping the stream flow around the work area. This water should discharge onto the same velocity dissipater used for the main stem pump around.
- If a tributary is to be restored, construction should take place on the tributary before work on the main stem reaches the tributary confluence. Construction in the tributary, including pump around practices, should follow the same sequence as for the main stem of the river or stream. When construction on the tributary is completed, work on the main stem should resume. Water from the tributary should continue to be pumped around the work area in the main stem.
- The contractor is responsible for providing access to and maintaining all erosion and sediment control devices until the sediment control inspector approves their removal.
- After construction, all disturbed areas should be regraded and revegetated as per the planting plan.



PLOTTED: 11/18/2013 3:50 PM. LAST SAVED: 11/17/2013 10:26 AM. PLOTTED BY: Dong Vande Ryk

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CHIEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND CHIEF, DEVELOPMENT ENGINEERING DIVISION	GLW GUTSCHICK LITTLE & WEBBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20886 TEL: 301-421-4024 FAX: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186	DATE NOV., 2013	PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 2975 EXP. DATE: MAY 26, 2014 	DEV 1 REPLACEMENT SHEET TO ADD NOTES & DETAILS	11-11-13	MAPLE LAWN FARMS CONTRACT No. 24-4747-D MDTOWN WEST DISTRICT - AREA 2 (PHASE 2) LOTS 93-177 OPEN SPACE LOTS 178-183 AND COMMON OPEN AREA LOTS 184-186 HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 5	SCALE AS SHOWN SHEET 5 OF 6
			G.L.W. No. 11001		BY NO REVISION DATE	600' SCALE MAP NO. 41 BLOCK NO. 14&15		

AS-BUILT INFORMATION											
LOT #	ADDRESS	WATER HOUSE CONNECTION AS BUILT		SEWER HOUSE CONNECTION AS BUILT		LOT #	ADDRESS	WATER HOUSE CONNECTION AS BUILT		SEWER HOUSE CONNECTION AS BUILT	
		LOCATION DIM. 1	LOCATION DIM. 2	LOCATION DIM. 1	LOCATION DIM. 2			LOCATION DIM. 1	LOCATION DIM. 2	LOCATION DIM. 1	LOCATION DIM. 2
93	IAGER BOULEVARD					136	GRAND CHAMPION ST.				
94	IAGER BOULEVARD					137	GRAND CHAMPION ST.				
95	IAGER BOULEVARD					138	ALFALFA LANE				
96	IAGER BOULEVARD					139	ALFALFA LANE				
97	IAGER BOULEVARD					140	ALFALFA LANE				
98	IAGER BOULEVARD					141	ALFALFA LANE				
99	IAGER BOULEVARD					142	SPRING AVENUE				
100	IAGER BOULEVARD					143	SPRING AVENUE				
101	IAGER BOULEVARD					144	SPRING AVENUE				
102	IAGER BOULEVARD					145	SPRING AVENUE				
103	IAGER BOULEVARD					146	SPRING AVENUE				
104	IAGER BOULEVARD					147	GRAND CHAMPION ST.				
105	IAGER BOULEVARD					148	GRAND CHAMPION ST.				
106	IAGER BOULEVARD					149	GRAND CHAMPION ST.				
107	IAGER BOULEVARD					150	ELMWOOD ROAD				
108	IAGER BOULEVARD					151	ELMWOOD ROAD				
109	IAGER BOULEVARD					152	ELMWOOD ROAD				
110	IAGER BOULEVARD					153	ELMWOOD ROAD				
111	IAGER BOULEVARD					154	ELMWOOD ROAD				
112	IAGER BOULEVARD					155	ELMWOOD ROAD				
113	IAGER BOULEVARD					156	ELMWOOD ROAD				
114	IAGER BOULEVARD					157	ELMWOOD ROAD				
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118	IAGER BOULEVARD					161	ELMWOOD ROAD				
119	GRAND CHAMPION ST.					162	ELMWOOD ROAD				
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129	GRAND CHAMPION ST.					172	ELMWOOD ROAD				
130	GRAND CHAMPION ST.					173	ELMWOOD ROAD				
131	GRAND CHAMPION ST.					174	ELMWOOD ROAD				
132	GRAND CHAMPION ST.					175	ELMWOOD ROAD				
133	GRAND CHAMPION ST.					176	ELMWOOD ROAD				
134	GRAND CHAMPION ST.					177	ELMWOOD ROAD				
135	GRAND CHAMPION ST.										

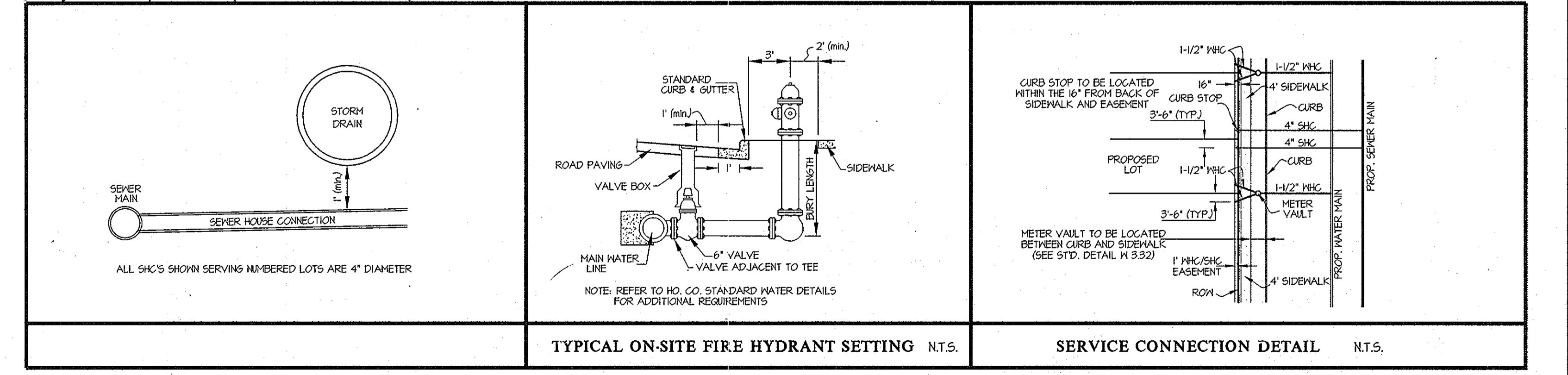
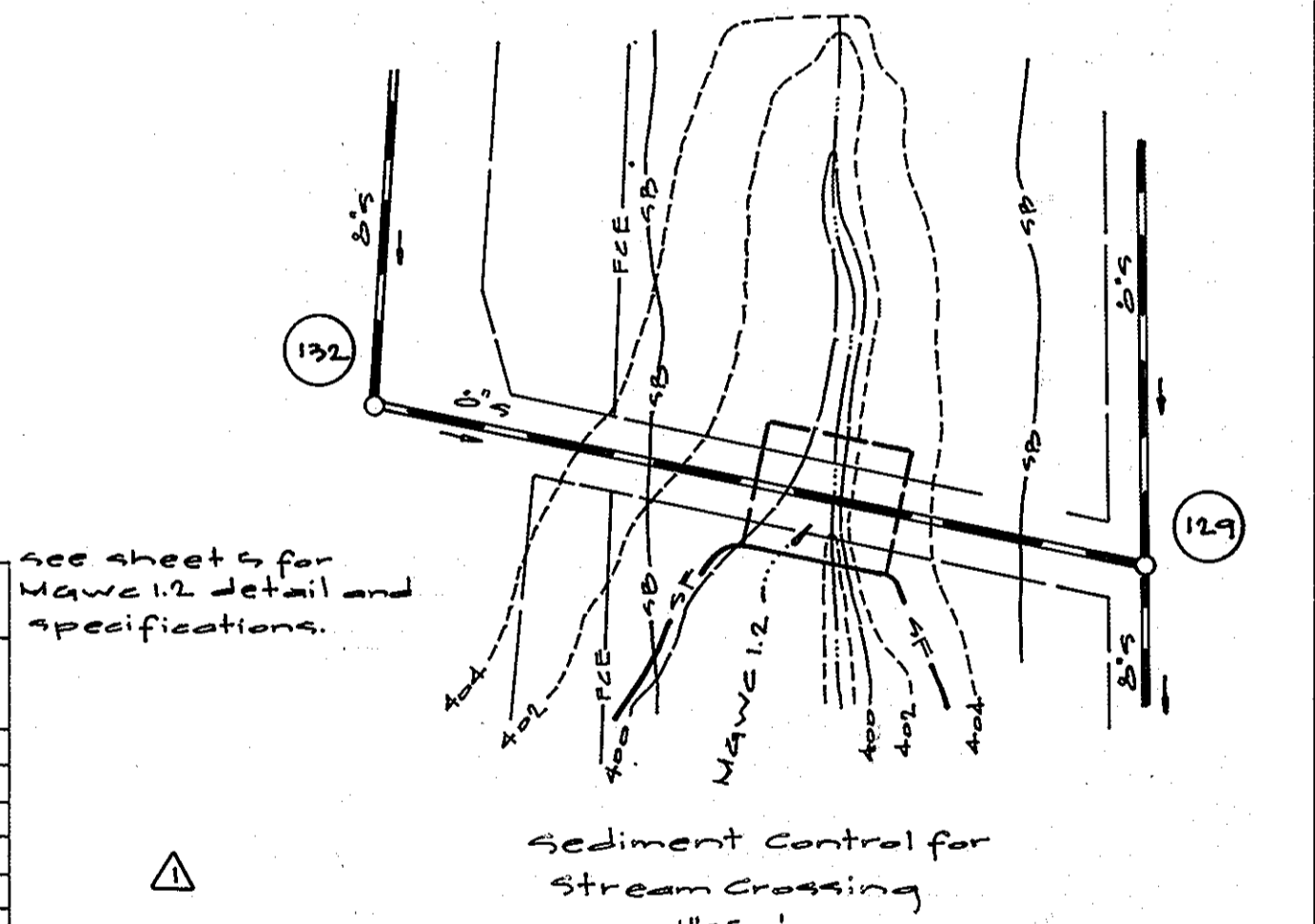


MINIMUM CELLAR ELEVATIONS (M.C.E.)											
LOT	INV. @ MAIN/AH	INV. @ R/W	M.C.E.	LOT	INV. @ MAIN/AH	INV. @ R/W	M.C.E.	LOT	INV. @ MAIN/AH	INV. @ R/W	M.C.E.
93	410.24	411.02	415.64	122	417.72	417.42	422.12	151	421.89	422.23	426.39
94	411.83	412.61	417.23	123	418.10	418.30	423.10	152	422.61	422.95	427.11
95	413.02	413.80	418.42	124	418.63	418.83	423.63	153	423.88	424.18	428.38
96	415.76	416.54	421.16	125	392.09	392.29	397.09	154	415.46	415.80	419.56
97	415.26	416.04	420.66	126	390.55	390.75	395.55	155	429.31	429.61	434.31
98	402.13	402.91	407.53	127	420.31	420.51	425.31	156	434.66	435.00	439.36
99	411.67	412.45	417.07	128	420.81	420.99	425.41	157	435.33	435.67	440.33
100	408.25	409.03	413.63	129	425.20	425.40	429.80	158	436.16	436.46	441.16
101	404.92	405.70	410.30	130	425.60	425.80	430.20	159	435.86	436.16	440.36
102	415.01	415.79	419.39	131	424.44	424.64	428.84	160	434.74	435.04	439.84
103	414.71	415.49	419.09	132	425.09	425.29	429.49	161	432.74	433.04	438.24
104	414.41	415.19	418.79	133	425.24	425.44	429.64	162	434.12	434.42	439.62
105	414.11	414.89	418.49	134	425.29	425.49	429.69	163	435.14	435.44	440.64
106	413.94	414.72	418.32	135	425.80	426.00	430.20	164	434.71	435.01	440.21
107	410.30	411.08	415.68	136	426.39	426.59	430.79	165	432.33	432.63	437.83
108	403.63	404.41	408.81	137	422.26	422.46	426.66	166	429.31	429.61	434.71
109	410.78	411.56	415.96	138	421.51	421.71	425.91	167	427.29	427.59	432.79
110	405.19	405.97	409.37	139	430.81	431.01	435.21	168	425.73	426.03	431.13
111	412.48	413.26	417.66	140	428.33	428.53	432.73	169	423.20	423.50	428.90
112	394.53	395.31	399.71	141	432.22	432.42	436.82	170	421.57	421.87	427.27
113	415.80	416.58	420.98	142	431.30	431.50	435.90	171	419.87	420.17	425.57
114	416.22	417.00	421.40	143	430.18	430.38	434.78	172	417.79	418.09	423.49
115	392.09	392.87	397.27	144	431.30	431.50	435.90	173	416.74	417.04	422.74
116	414.34	415.12	419.52	145	428.50	428.70	433.10	174	415.41	415.71	421.51
117	413.44	414.22	418.62	146	427.02	427.22	431.62	175	413.89	414.19	419.99
118	412.71	413.49	417.87	147	422.16	422.36	426.96	176	412.41	412.71	418.81
119	390.33	391.11	395.51	148	417.07	417.27	421.87	177	407.99	408.29	414.29
120	366.10	366.88	371.28	149	418.44	418.64	423.24	178	410.44	410.74	416.74
121	390.33	391.11	395.51	150	420.34	420.54	424.94	179	409.33	409.63	415.63

* INDICATES LOTS IN WHICH CONNECTIONS WERE PROVIDED UNDER CONTRACT # 24-474-D. INFORMATION WAS TAKEN FROM THOSE APPROVED PLANS.

▲ indicates future lot.

As-Built Information					
Lot	Address	Water House Connection As-Built		Sewer House Connection As-Built	
		Location Dim. 1	Location Dim. 2	Location Dim. 1	Location Dim. 2
9	Iager Blvd.				
10	Iager Blvd.				
11	Iager Blvd.				
12	Iager Blvd.				
13	Iager Blvd.				



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Steve Chen 11/21/12
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

Michael... 11/14/12
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

GLWGUTSCHICK LITTLE & WEBER, P.A.
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20886
TEL: 301-421-4024 FAX: 301-989-2524

DATE OCTOBER, 2012
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975
EXP. DATE: MAY 26, 2014



BY	NO	REVISION	DATE
		Add sewer profile, sediment control plan and updated charts.	11-11-12

WATER AND SEWER CHARTS AND DETAILS
600' SCALE MAP NO. 41 BLOCK NO. 14&15

MAPLE LAWN FARMS
CONTRACT No. 24-474-D
MIDTOWN WEST DISTRICT - AREA 2 (PHASE 2)
LOTS 93 - 177
OPEN SPACE LOTS 178 - 183 AND COMMON OPEN AREA LOTS 184 - 186
HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No. 5

SCALE AS SHOWN
SHEET 6 OF 6

L:\CAD\DRAWINGS\11001\REVIEWS\MS (CHECK FOR MAINT)\11001-MS_PROFILES\REV.DWG, PLOT: 11/17/2012 8:42 AM, LAST SAVED: 11/17/2012 8:41 AM, PLOTTED BY: Jennifer R. Dick