

December 1, 2014

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
ADDENDUM NO. 6 / IFB NO. Y15-713-PH**

**SOUTH SERVICE AREA/EAST SERVICE AREA WATER MAIN PROJECT
(MEADOW WOODS WSF ALONG RHODE ISLAND WOODS CIRCLE)
Revised BID OPENING DATE: December 2, 2014**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strikethrough~~.

THE BID OPENING DATE IS CHANGED TO DECEMBER 9, 2014.

A. CLARIFICATIONS

This addendum covers the realignment of the proposed pipeline to avoid / minimize impacting the existing light poles along the water main route during construction. The depths of the pipe installation, in certain areas, were also adjusted to reduce the size of the trenches. The intent of the realignment is to eliminate the need to remove and replace the light poles. However, eight (8) of the light poles may need to be held during construction due to the limited work area available.

Included with this addendum are the following revised bid documents:

1. Used the attached bid schedule when submitting your bid. Failure to use the attached Revise Bid Schedule will result in your bid being found non-responsive.
2. **Revise Measurement and Payment (Section 01025):**

BID ITEM	Orange County Utilities MEASUREMENT AND PAYMENT ITEMS Pg 5
	11.3 – Remove/Replae <u>Protect/Hold</u> Street Lighting
14	Reference ID 11.350.xxx Holding of Existing Street Lighting
	a. Measurement: Street Lighting Replacement <u>Holding</u> shall be measured by the number of street light posts removed and replaced <u>held</u> as part of the work. All additional piping, existing curbing or pavement damaged shall be replaced by the Contractor at his own expense. b. Payment: Payment will be made at the contract unit price bid per each light post removed and new post installed <u>held</u> as stated in the proposal for Street Lighting Protection and shall include all labor, materials, and equipment to sheet, shore, and brace; dewater; groundwater treatment and disposal; excavate; remove and properly dispose of existing light post and concrete

	<p>base and proper installation <u>protection of existing</u> concrete light post and concrete base in the same location and height as the light post removed. Work includes disconnecting the existing electrical wiring from the existing light post, remove the existing light fixture, disposing of the old light post, purchase and installation of the new light post, reconnect wiring as required per electrical code, reuse of the existing light fixture for a complete installation <u>all necessary appurtenances to protect the existing light pole during construction.</u></p>
	12 PRESSURE PIPES
	12.1 - Pressure Pipes with Fittings and Restrained Joints
17, 18, 19, 20, 21	Reference ID 12.110 Water Main Installation (various sizes)
	<p>a. Measurement: Water Main installation regardless of type and size shall be measured in actual linear feet satisfactorily furnished and laid, as measured along the length of the centerline of the completed pipeline, regardless of the type of joint required, without deduction for the length of valves and fittings. Pipe included within the limits of lump sum pay items will not be measured for payment under this item.</p> <p>b. Payment: Payment will be made at the contract unit price bid per linear feet as stated in the proposal for Water Main w/Fittings and restrained joints and shall include all labor, materials, and equipment to construct the respective pipeline including coordination with existing utilities, protection of existing utilities including service connections, tree protection, excavation, sheeting, shoring and bracing, dewatering, groundwater treatment and disposal, backfill, compaction, and grading, concrete cap, all testing, potable water system protection, disinfection, restoration, sod and clean-up. This item also includes all necessary fittings, reducers, bends, tees, wyes, plugs, restraining devices, polyethylene encasement where required, metallic tracer wire, line locator, identification markers, and removal and replacement of fences and gates, mailboxes, trees, shrubs, irrigation sprinklers and other obstructions.</p>

3. Construction Plans:

- Summary of Pay Items (Sheet 5)
- Plan and Profile plan sheets (Sheet 6 to 19)

B. ACKNOWLEDGEMENT OF ADDENDA

- a. The Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be

- completed and returned not later than the date and time for receipt of proposal.
- b. All other terms, conditions and specifications remain the same.
- c. Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm

SCHEDULE OF BID PRICES
SSA-ESA WATER MAIN REPLACEMENT
(Meadow Woods WSF to Rhode Island Woods Circle)

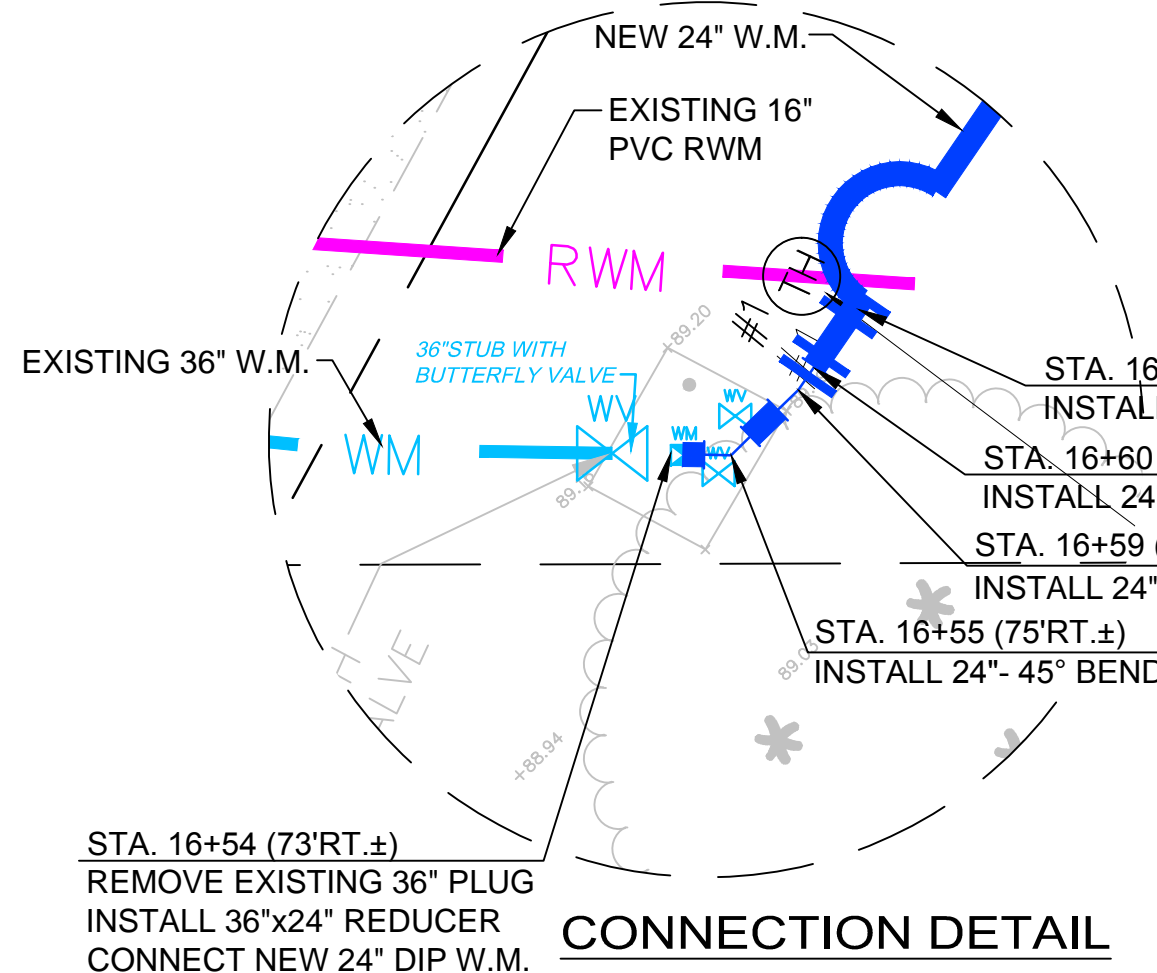
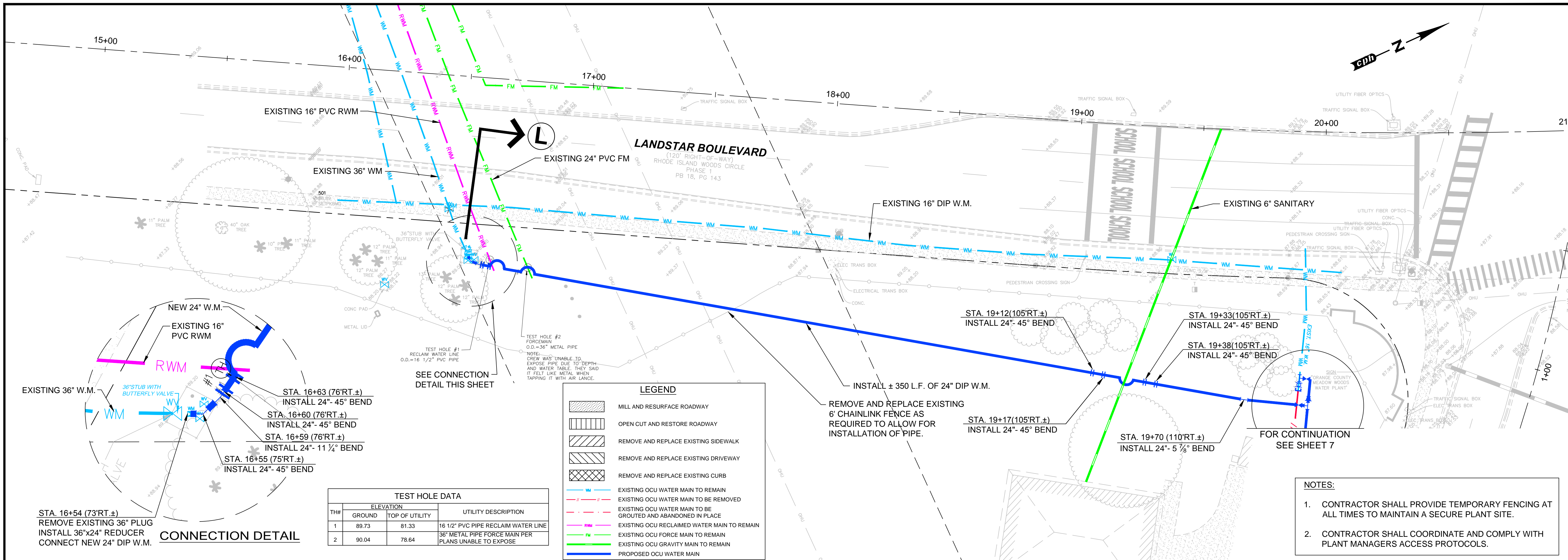
ITEM NO.	DESCRIPTION	UNIT	EST QTY	UNIT COST	TOTAL COST
1	Mobilization, Demobilization & Bonds and Permits *	LS	1		
2	Pre-construction Audio-Video Documentation	LS	1		
3	Indemnification	LS	1	100.00	100.00
4	Project Record Documents**	LS	1		
5	Maintenance of Traffic	LS	1		
6	Unsuitable Materials	CY	20		
7	Milling and Resurfacing	SY	1020		
8	Road Crossing Pavement Restoration	SY	288		
9	Concrete Pavement Replacement (driveway)	SY	90		
10	Concrete Pavement Replacement (5-ft sidewalk)	SY	3351		
11	Storm Structure Top and Throat Reconstruction	EA	1		
12	Concrete Curb and/or Gutter Replacement	LF	375		
13	Concrete Handicap Replacement	EA	9		
14	Remove/Replacement of <u>Hold</u> Existing Street Lighting	EA	29 8		
15	Abandon-in-Place Pipe	LF	1279		
16	Remove Existing Water Main	LF	5260		
17	Water Main Installation (6")	LF	60		
18	Water Main Installation (8")	LF	141		
19	Water Main Installation (12" DI)	LF	14		
20	Water Main Installation (16" DI)	LF	14		

REVISED D-3

21	Water Main Installation (24" DI)	LF	6876		
22	Steel Casing Installation (42" Steel Pipe)	LF	136		
23	Gate Valve with Box (6" GV)	EA	1		
24	Gate Valve with Box (8" GV)	EA	8		
25	Gate Valve with Box (12" GV)	EA	1		
26	Gate Valve with Box (24" GV)	EA	15		
27	Air Release Valve Assembly	EA	2		
28	Tapping Sleeve and Valve Assembly (6" water line)	EA	2		
29	Tapping Sleeve and Valve Assembly (8" water line)	EA	8		
30	Tapping Sleeve and Valve Assembly (12" water line)	EA	1		
31	Tapping Sleeve and Valve Assembly (16" water line)	EA	1		
32	Connection to Existing Water Main (16")	EA	1		
33	Connection to Existing Water Main (24")	EA	1		
34	Connection to Existing Water Main (36")	EA	1		
35	Line Stop Assembly (6")	EA	2		
36	Line Stop Assembly (8")	EA	2		
37	Line Stop Assembly (12")	EA	3		
38	Line Stop Assembly (16")	EA	7		
39	Line Stop Assembly (24")	EA	1		
40	Furnish and Install Fire Hydrant Assembly	EA	6		
41	Remove Fire Hydrant Assembly	EA	6		
ESTIMATED TOTAL BID AMOUNT					

* Mobilization shall not exceed 5% of pay items 6 through 41. ** Record drawings shall be a minimum of 1% of pay items 6 through 41

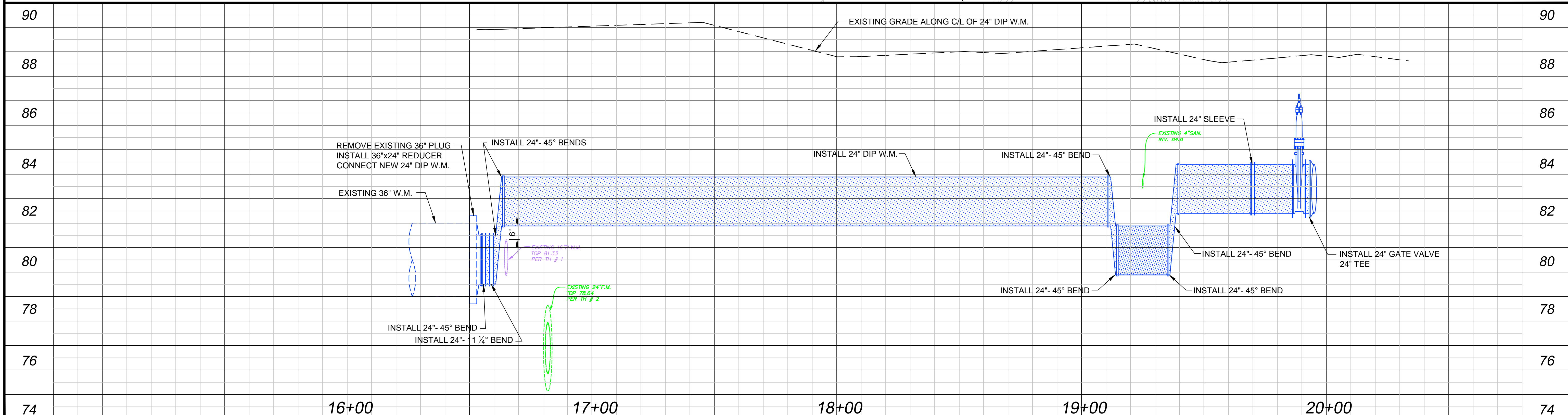
REVISED D-4



TEST HOLE DATA			
TH#	ELEVATION		UTILITY DESCRIPTION
	GROUND	TOP OF UTILITY	
1	89.73	81.33	16 1/2\"/>
2	90.04	78.64	36\"/>

LEGEND	
	MILL AND RESURFACE ROADWAY
	OPEN CUT AND RESTORE ROADWAY
	REMOVE AND REPLACE EXISTING SIDEWALK
	REMOVE AND REPLACE EXISTING DRIVEWAY
	REMOVE AND REPLACE EXISTING CURB
	EXISTING OCU WATER MAIN TO REMAIN
	EXISTING OCU WATER MAIN TO BE REMOVED
	EXISTING OCU WATER MAIN TO BE GROUDED AND ABANDONED IN PLACE
	EXISTING OCU RECLAIMED WATER MAIN TO REMAIN
	EXISTING OCU FORCE MAIN TO REMAIN
	EXISTING OCU GRAVITY MAIN TO REMAIN
	PROPOSED OCU WATER MAIN

- NOTES:**
- CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AT ALL TIMES TO MAINTAIN A SECURE PLANT SITE.
 - CONTRACTOR SHALL COORDINATE AND COMPLY WITH PLANT MANAGERS ACCESS PROTOCOLS.



<table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> <th>By</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/24/2014</td> <td>Pipe Realignment - Addendum # 6</td> <td>DEM</td> </tr> </tbody> </table>	No.	Date	Revision	By	1	11/24/2014	Pipe Realignment - Addendum # 6	DEM	<table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> <th>By</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Date	Revision	By					<p>A Full Service A & E Firm Architects Engineers Environmental Surveyors Landscape Architects Traffic/Transportation</p>	<p>Offices In: • Florida • Puerto Rico • Connecticut • Maryland • Texas</p>	<p>Designed by: BCB Drawn by: GNP Checked by: WWW Approved by: DEM Job No. O28416</p>	<p>Date: 11/24/2014 Scale: 1"=20' H. 1"=2' V.</p>	<p>SSA-ESA WATER MAIN (MEADOW WOODS WSF TO RHODE ISLAND WOODS CIRCLE) Orange County, Florida</p>	<p>Plans Prepared By: CPH, Inc. 1117 E. Robinson St., Orlando, FL 32801 Ph: 407.425.0452 Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landscp. Lic. No. LC000298</p>	<p>DAVID E. MAHLER, P.E. REG.# 50041</p>	<p>PLAN AND PROFILE LANDSTAR BOULEVARD</p>	<p>Sheet No. 6</p>
No.	Date	Revision	By																							
1	11/24/2014	Pipe Realignment - Addendum # 6	DEM																							
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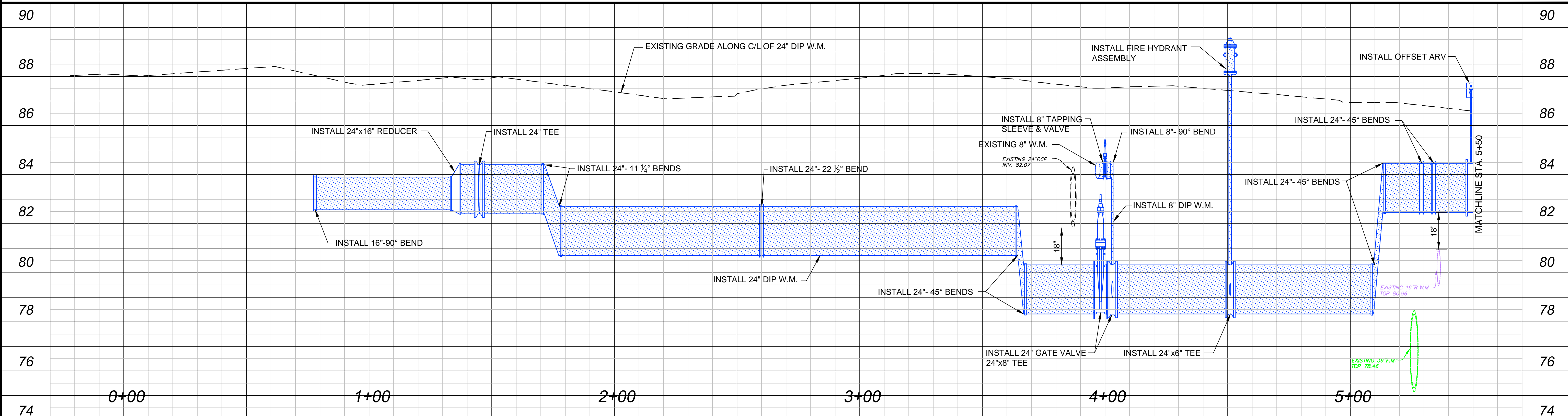
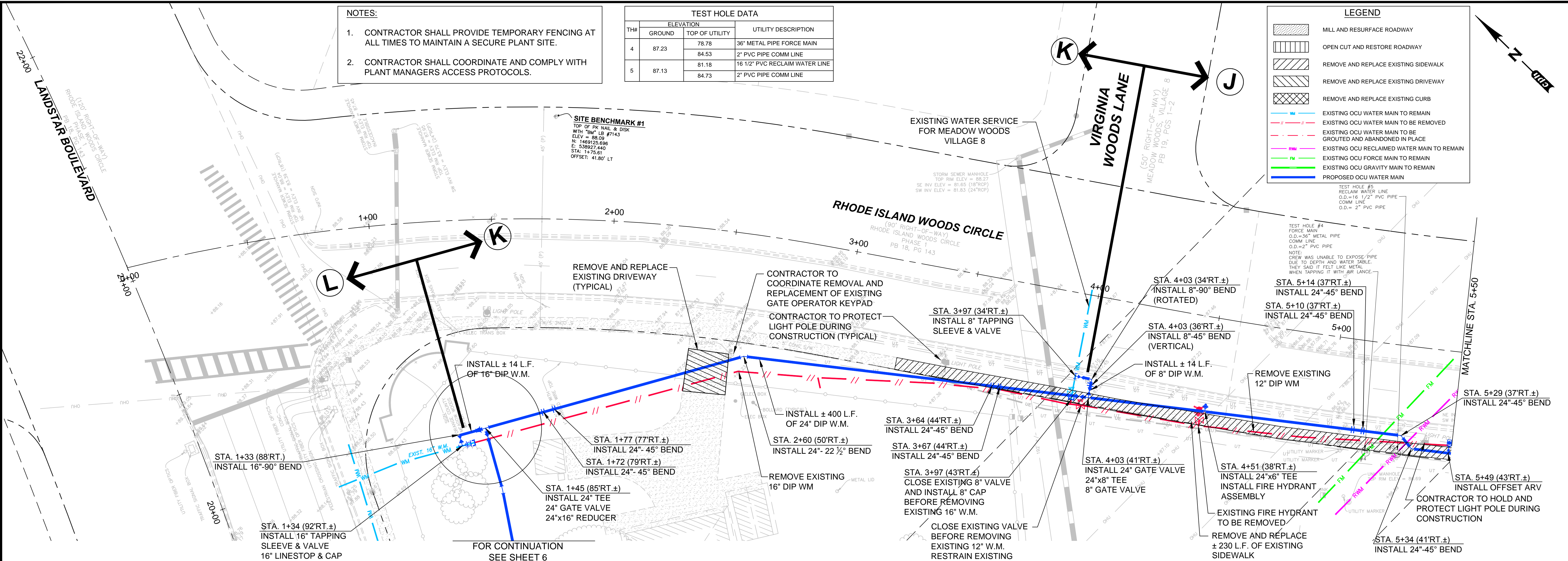
BID SET

NOTES:

- CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AT ALL TIMES TO MAINTAIN A SECURE PLANT SITE.
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TH#	ELEVATION		UTILITY DESCRIPTION
	GROUND	TOP OF UTILITY	
4	87.23	78.78	36" METAL PIPE FORCE MAIN
		84.53	2" PVC PIPE COMM LINE
5	87.13	81.18	16 1/2" PVC RECLAIM WATER LINE
		84.73	2" PVC PIPE COMM LINE

LEGEND	
	MILL AND RESURFACE ROADWAY
	OPEN CUT AND RESTORE ROADWAY
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	EXISTING OCU GRAVITY MAIN TO REMAIN
	PROPOSED OCU WATER MAIN
TEST HOLE #5 RECLAIM WATER LINE O.D.=16 1/2" PVC PIPE COMM LINE O.D.=2" PVC PIPE	
TEST HOLE #4 FORCE MAIN O.D.=36" METAL PIPE COMM LINE O.D.=2" PVC PIPE	
NOTE: CREW WAS UNABLE TO EXPOSE PIPE DUE TO DEPTH AND WATER TABLE. THEY SAID IT FELT LIKE METAL WHEN TAPPING IT WITH AIR LANCE.	



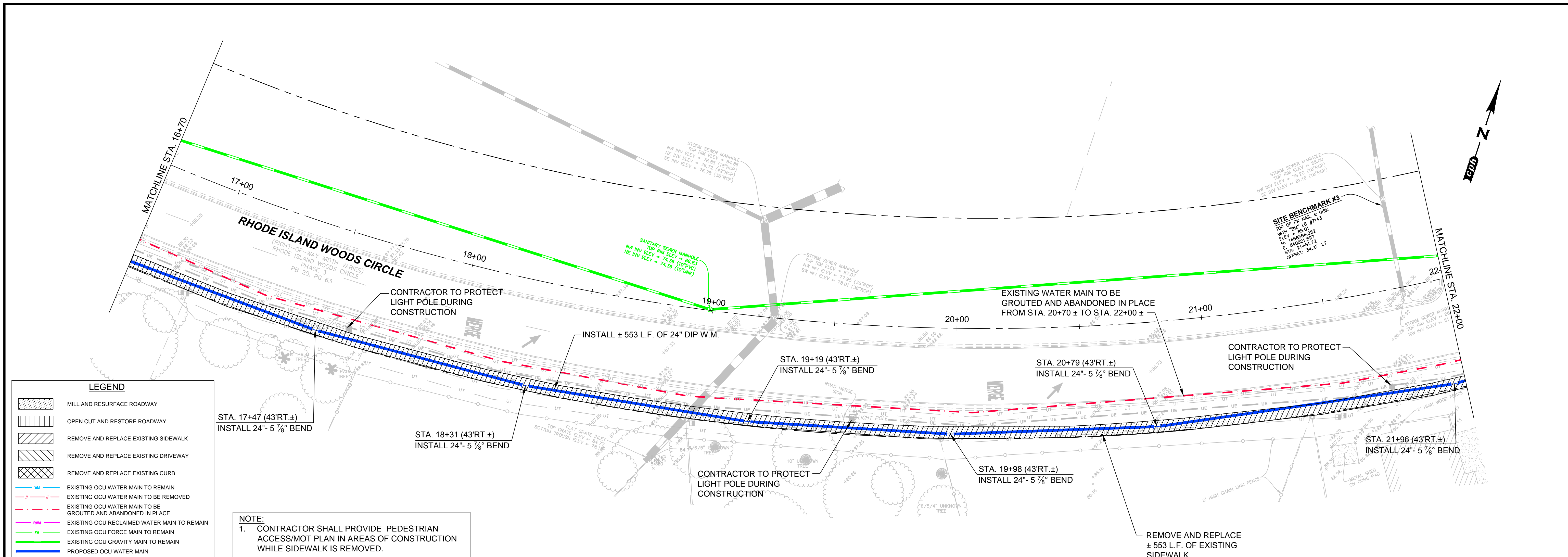
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gph www.cphcorp.com	A Full Service A & E Firm	Offices In: • Florida • Puerto Rico • Connecticut • Maryland • Texas	Designed by: BCB Date: 11/24/2014 Drawn by: GNP Scale: 1"=20' H. 1"=2' V. Checked by: WWW Approved by: DEM Job No.: O28416 ©2014	Plans Prepared by: CPH, Inc. 1117 E. Robinson St. Orlando, FL 32801 Ph: 407.425.0452 Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landsc. Lic. No. LC000298	DAVID E. MAHLER, P.E. REG.# 50041
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SSA-ESA WATER MAIN (MEADOW WOODS WSF TO RHODE ISLAND WOODS CIRCLE) Orange County, Florida	PLAN AND PROFILE RHODE ISLAND WOOD CIRCLE STA. 0+00 TO STA. 5+50	Sheet No. 7
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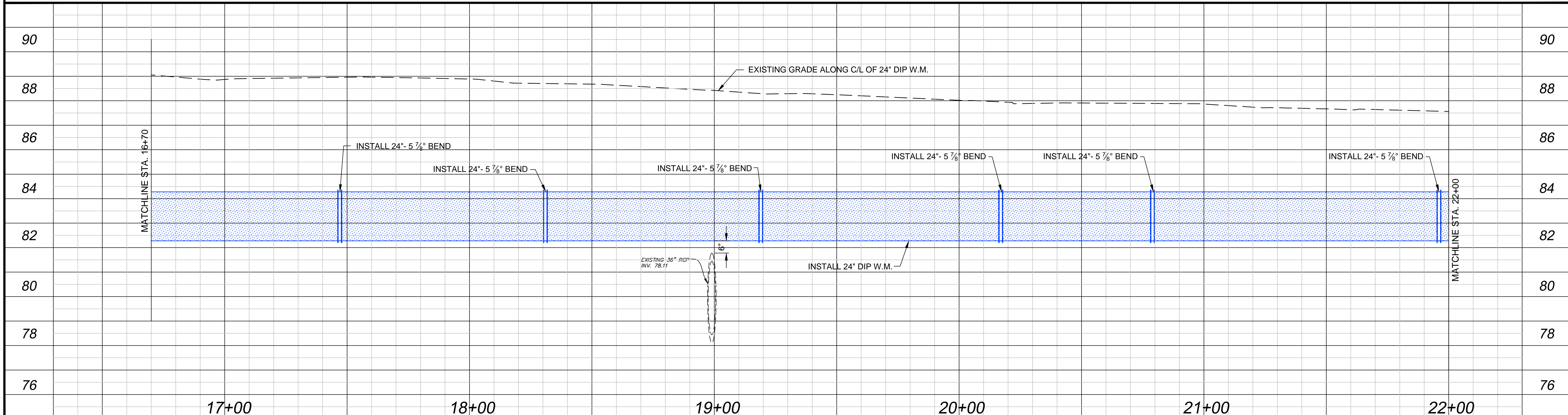
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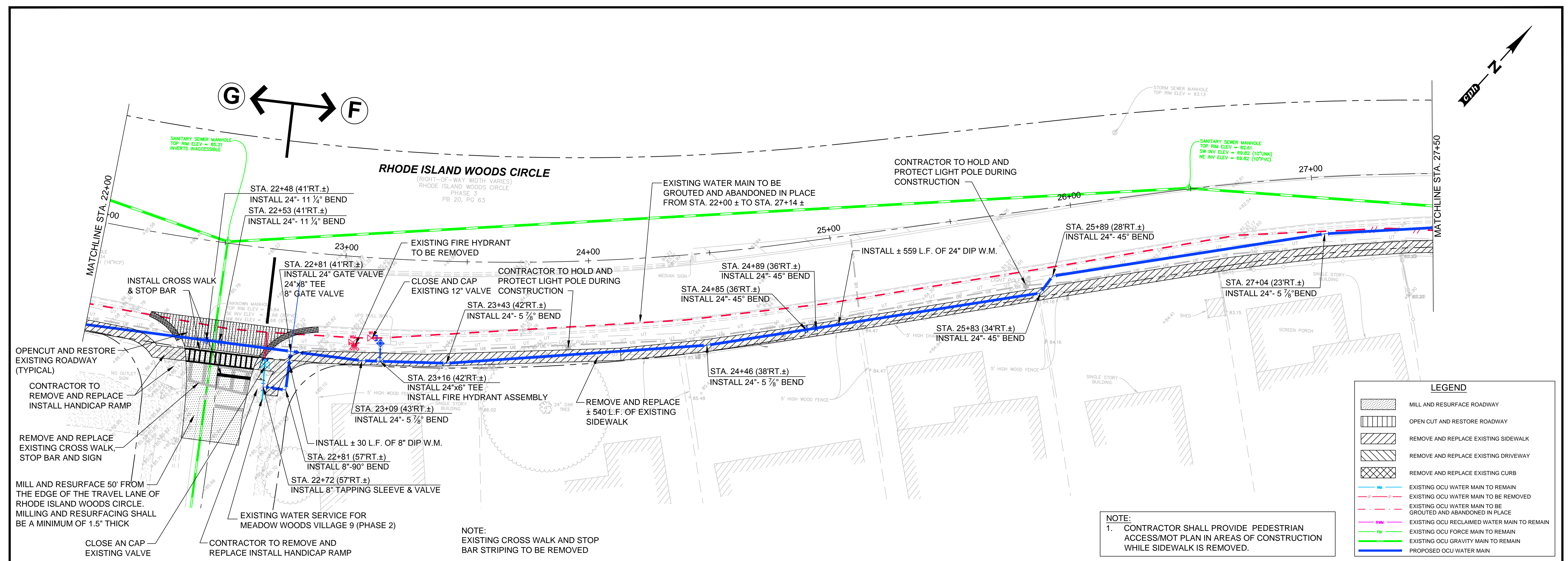
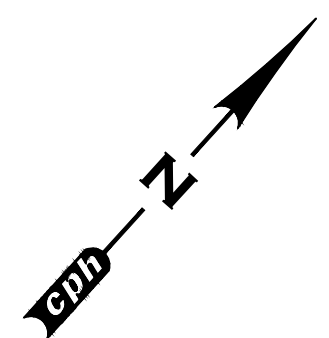
NOTE:
 1. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS/MOT PLAN IN AREAS OF CONSTRUCTION WHILE SIDEWALK IS REMOVED.



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No.	Date	Revision	By																																
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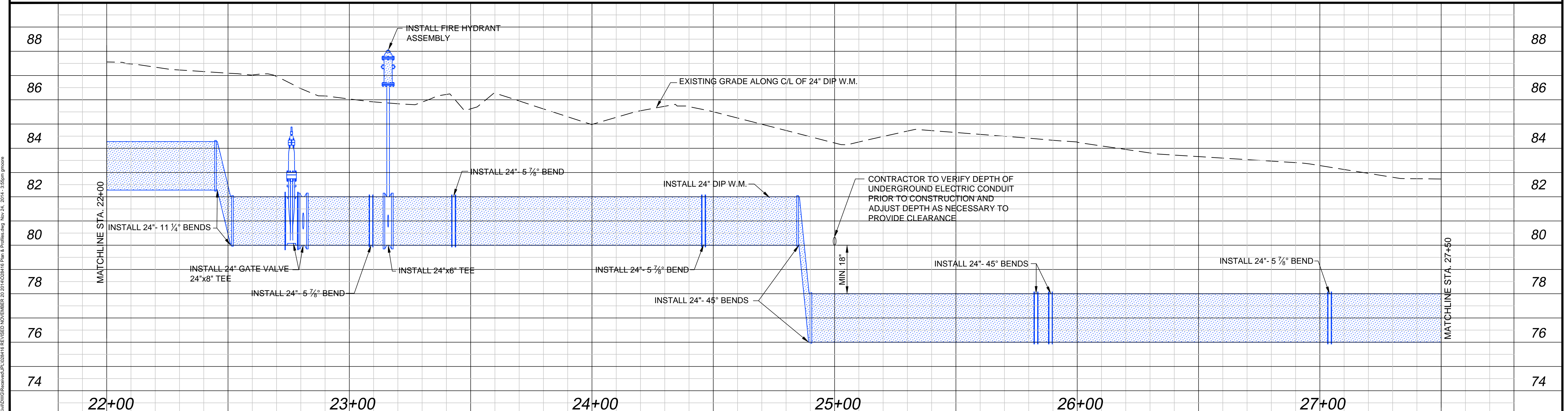
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BID SET



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NOTE:
1. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS/MOT PLAN IN AREAS OF CONSTRUCTION WHILE SIDEWALK IS REMOVED.



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1	11/24/2014	Pipe Realignment - Addendum # 6	DEM				

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 Architects M / E / P
 Engineers Planners
 Environmental Surveyors
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Offices In:
 • Florida
 • Puerto Rico
 • Connecticut
 • Maryland
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Designed by: BCB Date: 11/24/2014
 Drawn by: GNP Scale: 1"=20' H.
 Checked by: WWW 1"=2' V.
 Approved by: DEM
 Job No. O28416 ©2014

**SSA-ESA WATER MAIN
 (MEADOW WOODS WSF TO
 RHODE ISLAND WOODS CIRCLE)**
 Orange County, Florida

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 1117 E. Robinson St. Orlando, FL 32801
 Ph: 407.425.0452
 Licenses:
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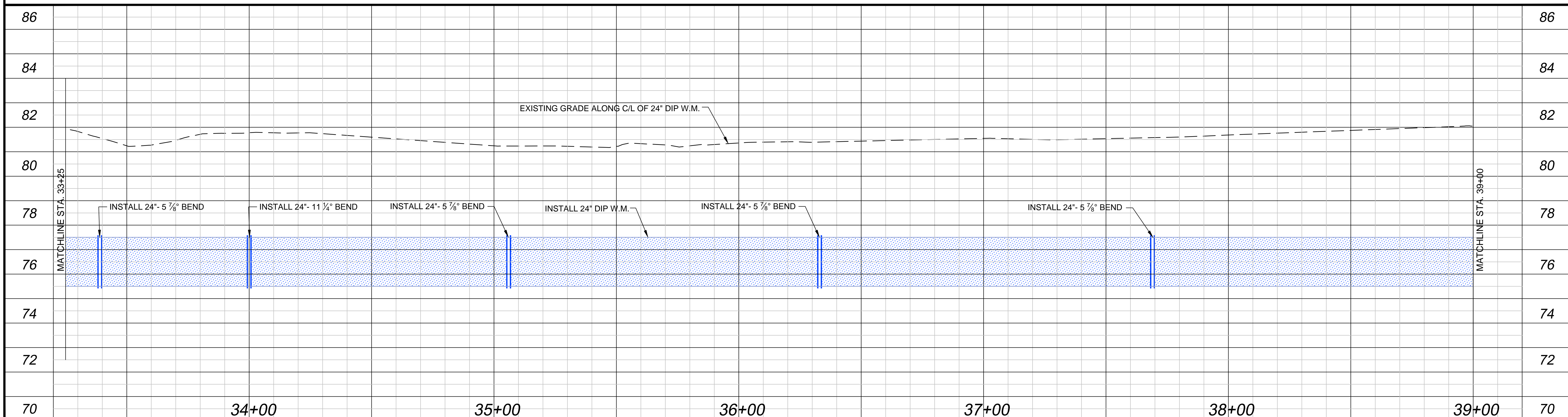
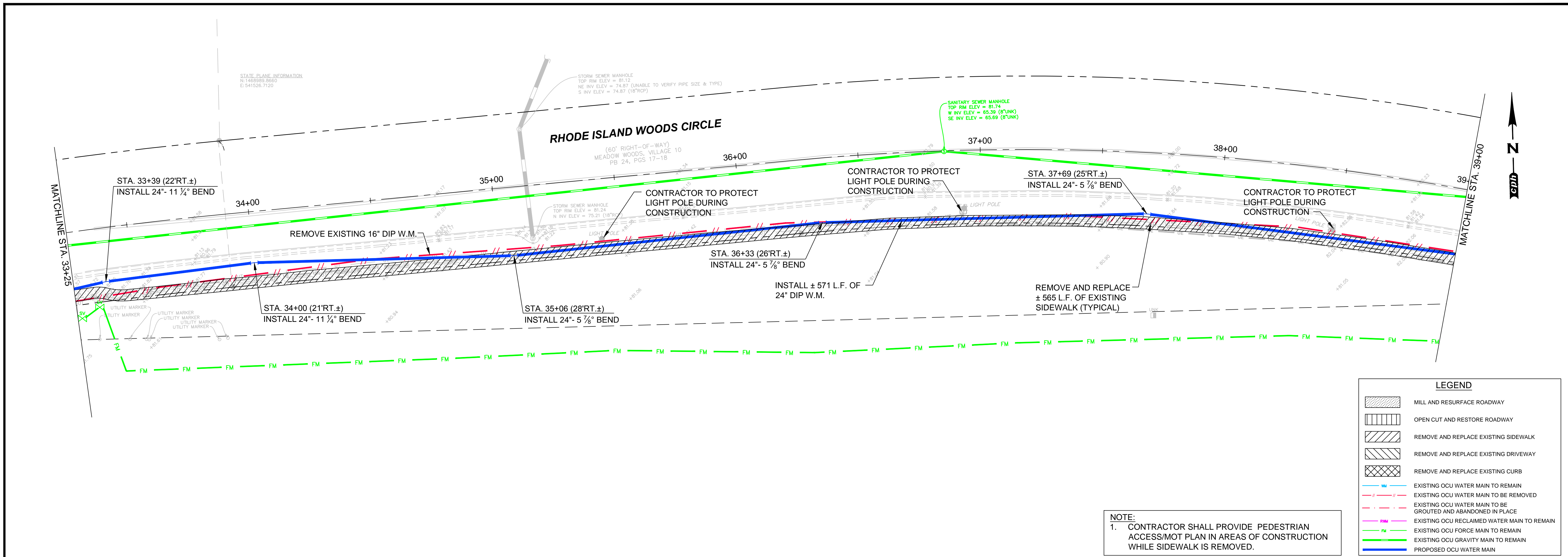
DAVID E. MAHLER, P.E.
 REG.# 50041

**PLAN AND PROFILE
 RHODE ISLAND WOOD CIRCLE
 STA. 22+00 TO STA. 27+50**

Sheet No.
11

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BID SET



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PLAN AND PROFILE RHODE ISLAND WOOD CIRCLE STA. 33+25 TO STA. 39+00	Sheet No. 13
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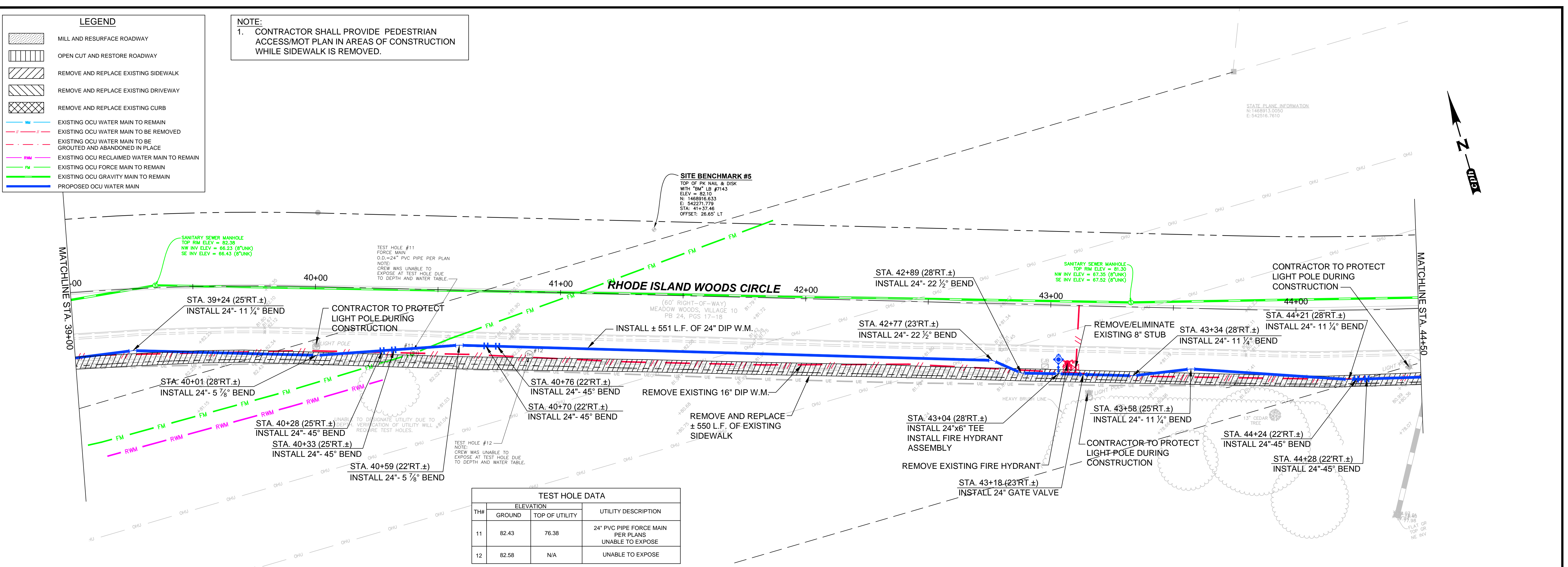
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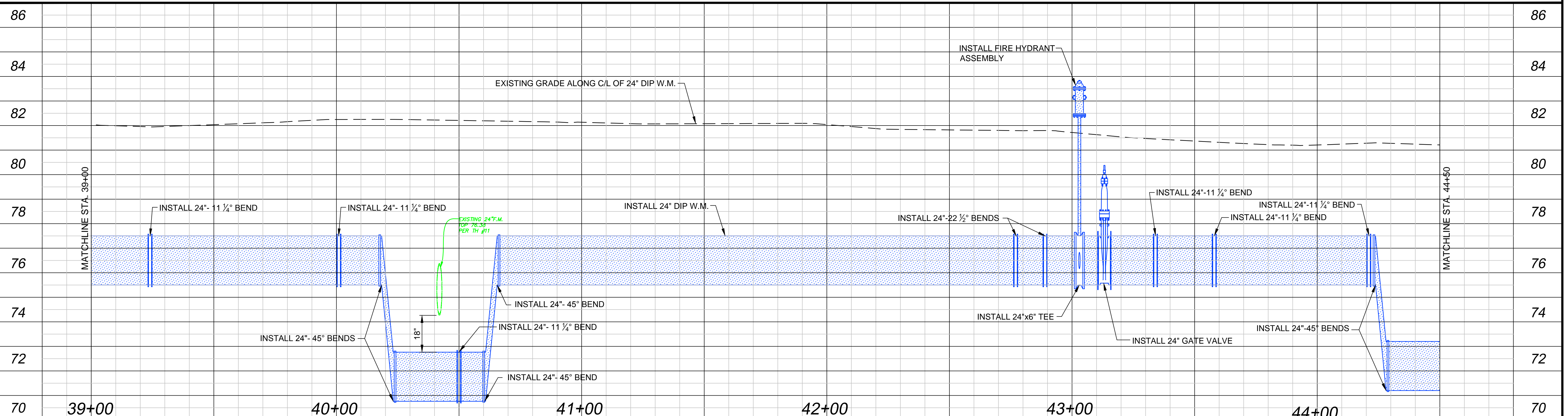
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STATE PLANE INFORMATION
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E: 542516.7610



TEST HOLE DATA

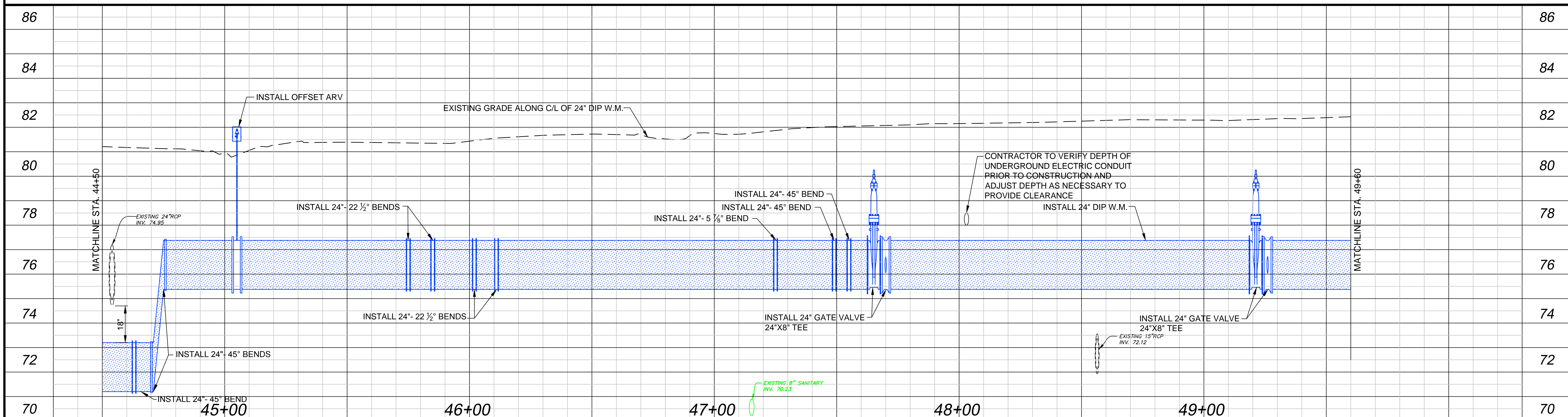
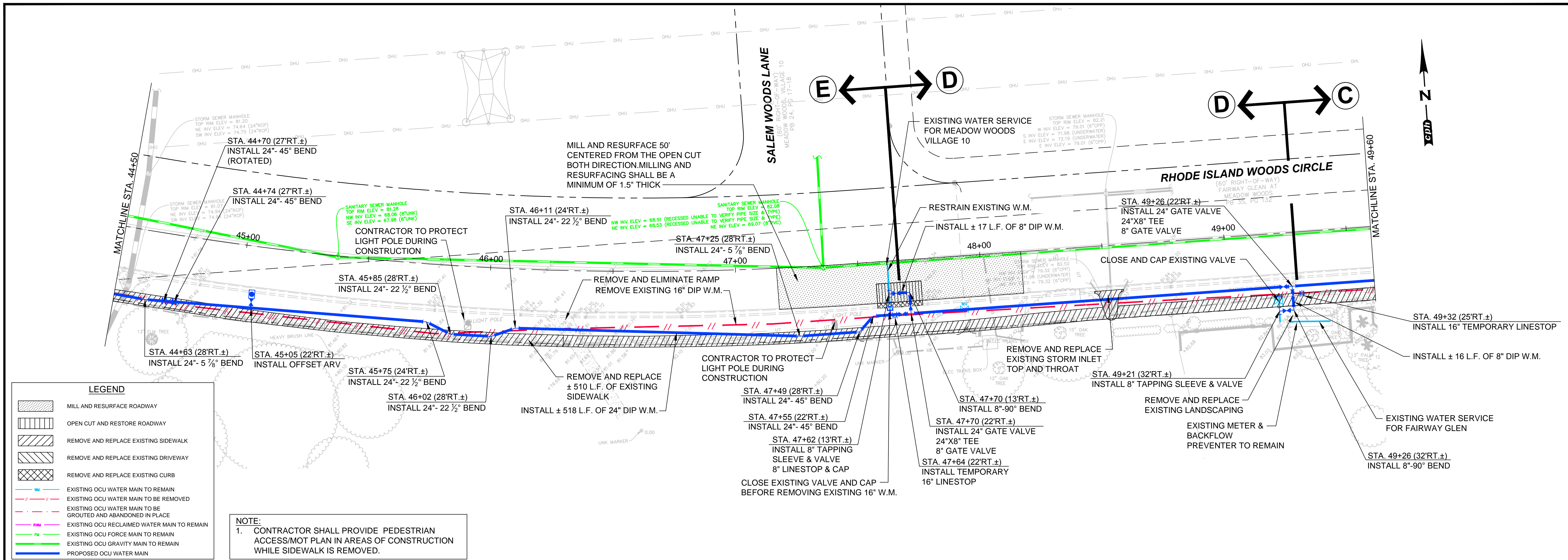
TH#	ELEVATION		UTILITY DESCRIPTION
	GROUND	TOP OF UTILITY	
11	82.43	76.38	24" PVC PIPE FORCE MAIN PER PLANS UNABLE TO EXPOSE
12	82.58	N/A	UNABLE TO EXPOSE



Drawing Name: J:\032416\02\03\04\05\06\07\08\09\10\11\12\13\14\15\16\17\18\19\20\21\22\23\24\25\26\27\28\29\30\31\32\33\34\35\36\37\38\39\40\41\42\43\44\45\46\47\48\49\50\51\52\53\54\55\56\57\58\59\60\61\62\63\64\65\66\67\68\69\70\71\72\73\74\75\76\77\78\79\80\81\82\83\84\85\86\87\88\89\90\91\92\93\94\95\96\97\98\99\100\101\102\103\104\105\106\107\108\109\110\111\112\113\114\115\116\117\118\119\120\121\122\123\124\125\126\127\128\129\130\131\132\133\134\135\136\137\138\139\140\141\142\143\144\145\146\147\148\149\150\151\152\153\154\155\156\157\158\159\160\161\162\163\164\165\166\167\168\169\170\171\172\173\174\175\176\177\178\179\180\181\182\183\184\185\186\187\188\189\190\191\192\193\194\195\196\197\198\199\200\201\202\203\204\205\206\207\208\209\210\211\212\213\214\215\216\217\218\219\220\221\222\223\224\225\226\227\228\229\230\231\232\233\234\235\236\237\238\239\240\241\242\243\244\245\246\247\248\249\250\251\252\253\254\255\256\257\258\259\260\261\262\263\264\265\266\267\268\269\270\271\272\273\274\275\276\277\278\279\280\281\282\283\284\285\286\287\288\289\290\291\292\293\294\295\296\297\298\299\300\301\302\303\304\305\306\307\308\309\310\311\312\313\314\315\316\317\318\319\320\321\322\323\324\325\326\327\328\329\330\331\332\333\334\335\336\337\338\339\340\341\342\343\344\345\346\347\348\349\350\351\352\353\354\355\356\357\358\359\360\361\362\363\364\365\366\367\368\369\370\371\372\373\374\375\376\377\378\379\380\381\382\383\384\385\386\387\388\389\390\391\392\393\394\395\396\397\398\399\400\401\402\403\404\405\406\407\408\409\410\411\412\413\414\415\416\417\418\419\420\421\422\423\424\425\426\427\428\429\430\431\432\433\434\435\436\437\438\439\440\441\442\443\444\445\446\447\448\449\450\451\452\453\454\455\456\457\458\459\460\461\462\463\464\465\466\467\468\469\470\471\472\473\474\475\476\477\478\479\480\481\482\483\484\485\486\487\488\489\490\491\492\493\494\495\496\497\498\499\500\501\502\503\504\505\506\507\508\509\510\511\512\513\514\515\516\517\518\519\520\521\522\523\524\525\526\527\528\529\530\531\532\533\534\535\536\537\538\539\540\541\542\543\544\545\546\547\548\549\550\551\552\553\554\555\556\557\558\559\560\561\562\563\564\565\566\567\568\569\570\571\572\573\574\575\576\577\578\579\580\581\582\583\584\585\586\587\588\589\590\591\592\593\594\595\596\597\598\599\600\601\602\603\604\605\606\607\608\609\610\611\612\613\614\615\616\617\618\619\620\621\622\623\624\625\626\627\628\629\630\631\632\633\634\635\636\637\638\639\640\641\642\643\644\645\646\647\648\649\650\651\652\653\654\655\656\657\658\659\660\661\662\663\664\665\666\667\668\669\670\671\672\673\674\675\676\677\678\679\680\681\682\683\684\685\686\687\688\689\690\691\692\693\694\695\696\697\698\699\700\701\702\703\704\705\706\707\708\709\710\711\712\713\714\715\716\717\718\719\720\721\722\723\724\725\726\727\728\729\730\731\732\733\734\735\736\737\738\739\740\741\742\743\744\745\746\747\748\749\750\751\752\753\754\755\756\757\758\759\760\761\762\763\764\765\766\767\768\769\770\771\772\773\774\775\776\777\778\779\780\781\782\783\784\785\786\787\788\789\790\791\792\793\794\795\796\797\798\799\800\801\802\803\804\805\806\807\808\809\810\811\812\813\814\815\816\817\818\819\820\821\822\823\824\825\826\827\828\829\830\831\832\833\834\835\836\837\838\839\840\841\842\843\844\845\846\847\848\849\850\851\852\853\854\855\856\857\858\859\860\861\862\863\864\865\866\867\868\869\870\871\872\873\874\875\876\877\878\879\880\881\882\883\884\885\886\887\888\889\890\891\892\893\894\895\896\897\898\899\900\901\902\903\904\905\906\907\908\909\910\911\912\913\914\915\916\917\918\919\920\921\922\923\924\925\926\927\928\929\930\931\932\933\934\935\936\937\938\939\940\941\942\943\944\945\946\947\948\949\950\951\952\953\954\955\956\957\958\959\960\961\962\963\964\965\966\967\968\969\970\971\972\973\974\975\976\977\978\979\980\981\982\983\984\985\986\987\988\989\990\991\992\993\994\995\996\997\998\999\1000

No. 11/24/2014	Revision Pipe Realignment - Addendum # 6	By DEM	No. 11/24/2014	Revision	By	A Full Service A & E Firm Architects M / E / P Engineers Planners Environmental Surveyors Landscape Architects Traffic/Transportation	Offices In: • Florida • Puerto Rico • Connecticut • Maryland • Texas	Designed by: BCB Drawn by: GNP Checked by: WWW Approved by: DEM Job No. O28416	Date: 11/24/2014 Scale: 1"=20' H. 1"=2' V.	SSA-ESA WATER MAIN (MEADOW WOODS WSF TO RHODE ISLAND WOODS CIRCLE) Orange County, Florida	Plans Prepared by: CPH, Inc. 1117 E. Robinson St. Orlando, FL 32801 Ph: 407.425.0452 Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landscp. Lic. No. LC0000298	DAVID E. MAHLER, P.E. REG.# 50041	PLAN AND PROFILE RHODE ISLAND WOODS CIRCLE STA. 39+00 TO STA. 44+50	Sheet No. 14
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BID SET



No.	Date	Revision	By	No.	Date	Revision	By
1	11/24/2014	Pipe Realignment - Addendum # 6	DEM				

gph A Full Service A & E Firm
 Architects, Engineers, Planners, Surveyors, Environmental, Landscape Architects, Traffic/Transportation
 Offices In: Florida, Puerto Rico, Connecticut, Maryland, Texas

Designed by: BCB Date: 11/24/2014
 Drawn by: GNP Scale: 1"=20' H., 1"=2' V.
 Checked by: WWW
 Approved by: DEM
 Job No. O28416 ©2014

SSA-ESA WATER MAIN (MEADOW WOODS WSF TO RHODE ISLAND WOODS CIRCLE)
 Orange County, Florida

Plans Prepared By: **CPH, Inc.**
 1117 E. Robinson St., Orlando, FL 32801
 Ph: 407.425.0452
 Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landscp. Lic. No. LC000298

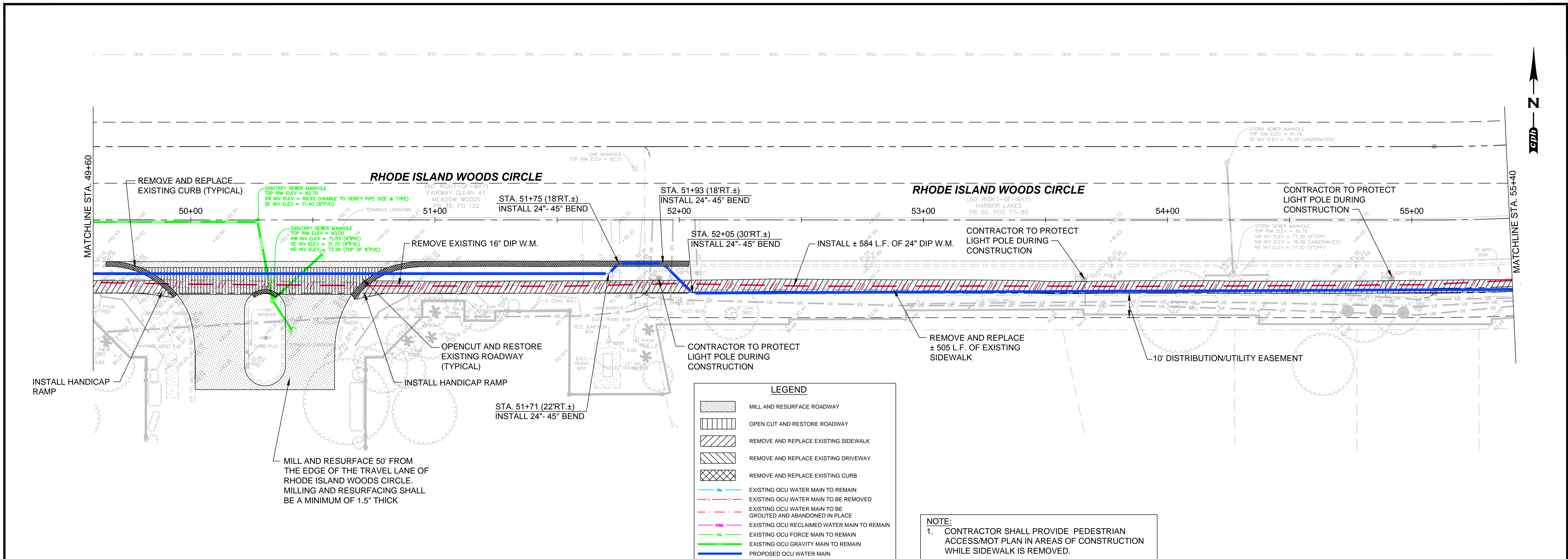
DAVID E. MAHLER, P.E. REG.# 50041

PLAN AND PROFILE RHODE ISLAND WOOD CIRCLE STA. 44+50 TO STA. 49+60

Sheet No. **15**

Drawing Name: J:\031416\CD\031416\031416_031416_031416_Plan & Profile.dwg Nov 24, 2014, 3:55pm gph

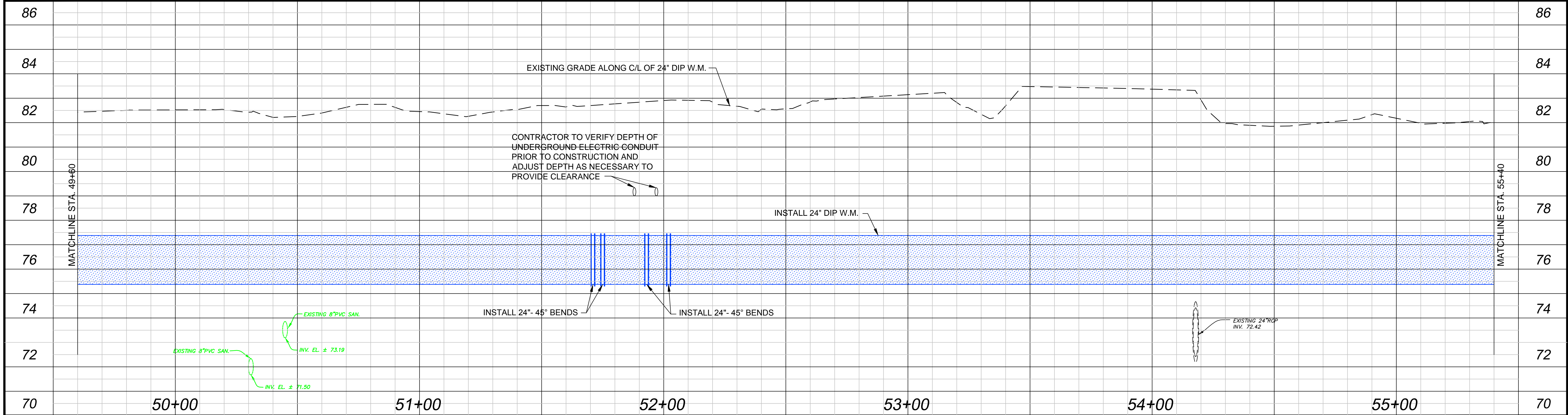
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LEGEND

- MILL AND RESURFACE ROADWAY
- OPEN CUT AND RESTORE ROADWAY
- REMOVE AND REPLACE EXISTING SIDEWALK
- REMOVE AND REPLACE EXISTING DRIVEWAY
- REMOVE AND REPLACE EXISTING CURB
- EXISTING OCU WATER MAIN TO REMAIN
- EXISTING OCU WATER MAIN TO BE REMOVED
- EXISTING OCU WATER MAIN TO BE GROUDED AND ABANDONED IN PLACE
- EXISTING OCU RECLAIMED WATER MAIN TO REMAIN
- EXISTING OCU FORCE MAIN TO REMAIN
- EXISTING OCU GRAVITY MAIN TO REMAIN
- PROPOSED OCU WATER MAIN

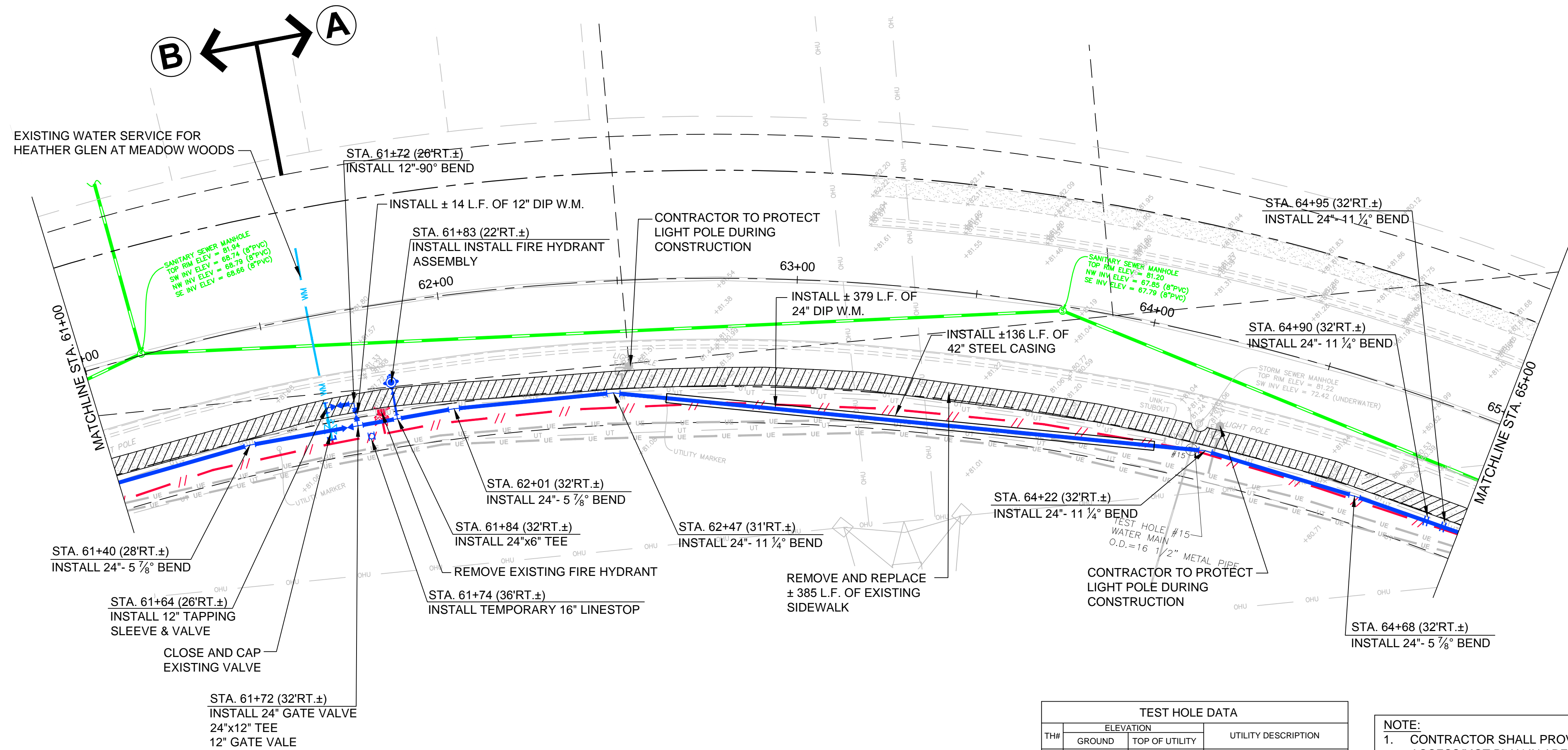
NOTE:
 1. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS/MOT PLAN IN AREAS OF CONSTRUCTION WHILE SIDEWALK IS REMOVED.



No. 11/24/2014 Date Revision Pipe Realignment - Addendum # 6 By DEM	No. 11/24/2014 Date Revision By		A Full Service A & E Firm Architects M / E / P Engineers Planners Environmental Surveyors Landscape Architects Traffic/Transportation	Offices In: • Florida • Puerto Rico • Connecticut • Maryland • Texas	Designed by: BCB Drawn by: GNP Checked by: WWW Approved by: DEM Job No. O28416	Date: 11/24/2014 Scale: 1"=20' H. 1"=2' V.	SSA-ESA WATER MAIN (MEADOW WOODS WSF TO RHODE ISLAND WOODS CIRCLE) Orange County, Florida	Plans Prepared By: CPH, Inc. 1117 E. Robinson St. Orlando, FL 32801 Ph: 407.425.0452 Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landscp. Lic. No. LC000298	PLAN AND PROFILE RHODE ISLAND WOOD CIRCLE STA. 49+60 TO STA. 55+40	Sheet No. 16
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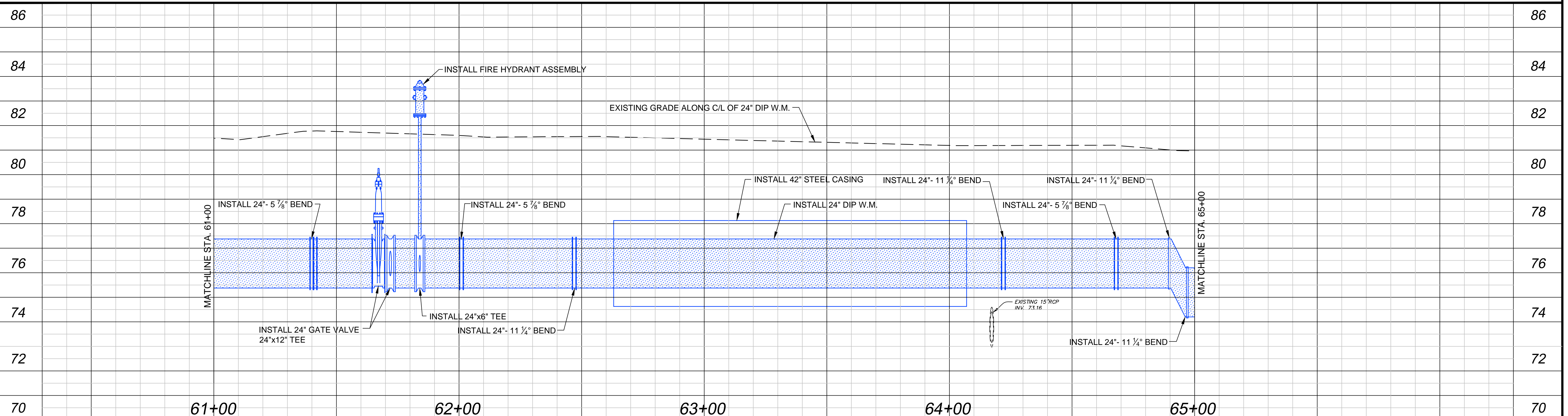
LEGEND

- MILL AND RESURFACE ROADWAY
- OPEN CUT AND RESTORE ROADWAY
- REMOVE AND REPLACE EXISTING SIDEWALK
- REMOVE AND REPLACE EXISTING DRIVEWAY
- REMOVE AND REPLACE EXISTING CURB
- EXISTING OCU WATER MAIN TO REMAIN
- EXISTING OCU WATER MAIN TO BE REMOVED
- EXISTING OCU WATER MAIN TO BE GROUTED AND ABANDONED IN PLACE
- EXISTING OCU RECLAIMED WATER MAIN TO REMAIN
- EXISTING OCU FORCE MAIN TO REMAIN
- EXISTING OCU GRAVITY MAIN TO REMAIN
- PROPOSED OCU WATER MAIN

TEST HOLE DATA

TH#	ELEVATION		UTILITY DESCRIPTION
	GROUND	TOP OF UTILITY	
15	81.31	76.61	16 1/2" METAL PIPE WATER MAIN
		78.56	1 1/2" COMM CABLE

NOTE:
1. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS/MOT PLAN IN AREAS OF CONSTRUCTION WHILE SIDEWALK IS REMOVED.



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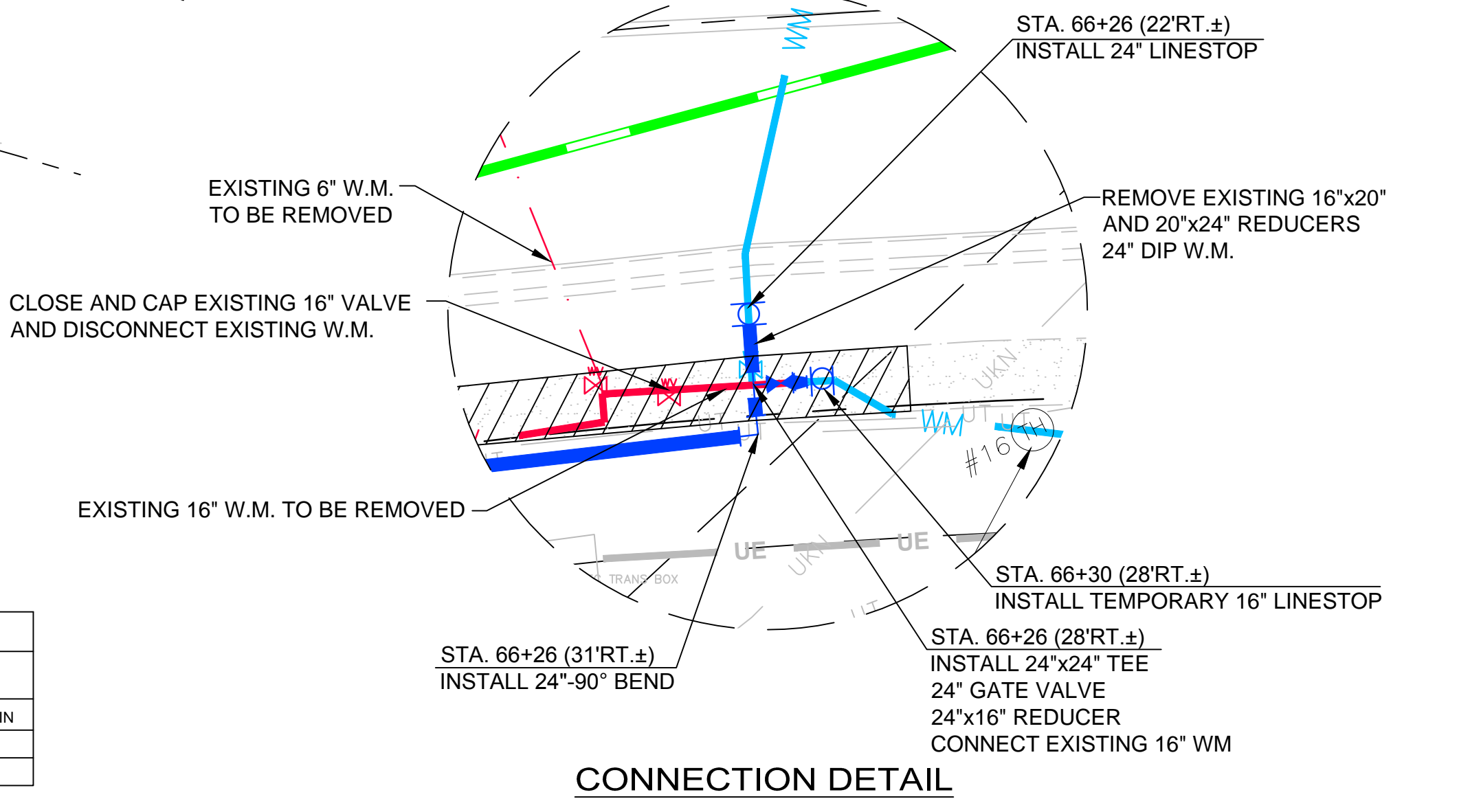
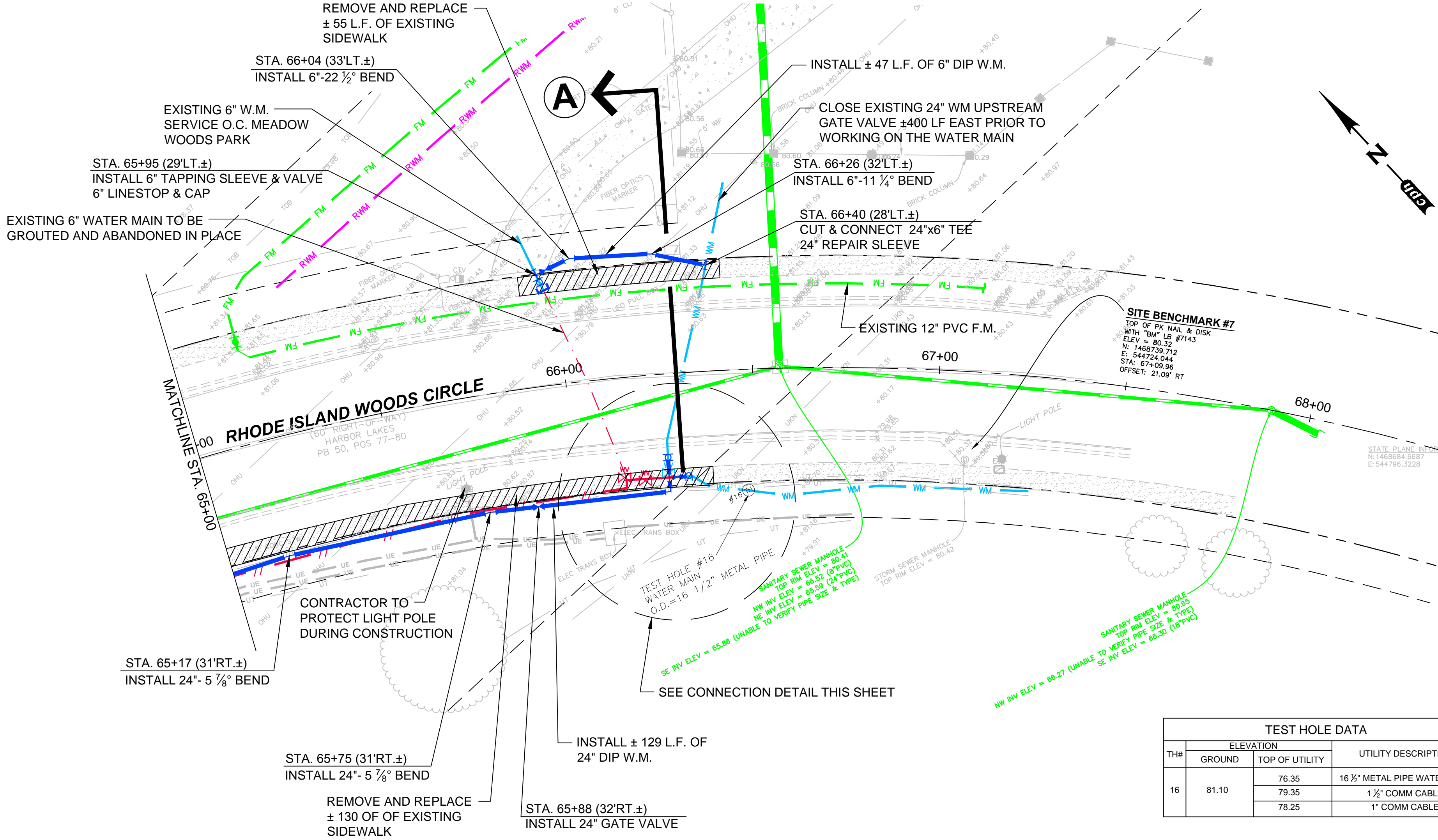
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> <th>By</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11/24/2014</td> <td>Pipe Realignment - Addendum # 6</td> <td>DEM</td> </tr> </tbody> </table>	No.	Date	Revision	By	1	11/24/2014	Pipe Realignment - Addendum # 6	DEM	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Revision</th> <th>By</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	Date	Revision	By					<p>A Full Service A & E Firm</p> <p>Architects Engineers Environmental Landscape Architects</p> <p>M / E / P Planners Surveyors</p> <p>Offices In: • Florida • Puerto Rico • Connecticut • Maryland • Texas</p> <p>www.cphcorp.com</p>	<p>Designed by: BCB Drawn by: GNP Checked by: WWW Approved by: DEM Job No.: O28416</p> <p>Date: 11/24/2014 Scale: 1"=20' H. 1"=2' V.</p> <p>©2014</p>	<p>SSA-ESA WATER MAIN (MEADOW WOODS WSF TO RHODE ISLAND WOODS CIRCLE)</p> <p>Orange County, Florida</p>	<p>Plans Prepared By: CPH, Inc.</p> <p>1117 E. Robinson St. Orlando, FL 32801 Ph: 407.425.0452</p> <p>Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landscp. Lic. No. LC0000298</p>	<p>DAVID E. MAHLER, P.E. REG.# 50041</p>	<p>PLAN AND PROFILE RHODE ISLAND WOOD CIRCLE STA. 61+00 TO STA. 65+00</p>	<p>Sheet No. 18</p>
No.	Date	Revision	By																					
1	11/24/2014	Pipe Realignment - Addendum # 6	DEM																					
No.	Date	Revision	By																					

BID SET

NOTE:
1. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS/MOT PLAN IN AREAS OF CONSTRUCTION WHILE SIDEWALK IS REMOVED.

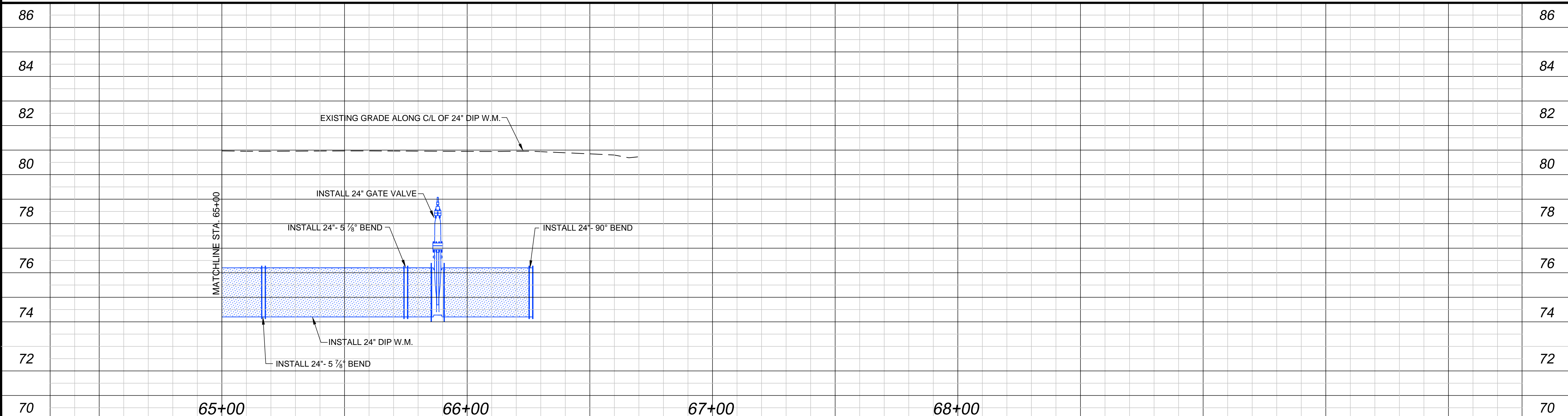
LEGEND

	MILL AND RESURFACE ROADWAY
	OPEN CUT AND RESTORE ROADWAY
	REMOVE AND REPLACE EXISTING SIDEWALK
	REMOVE AND REPLACE EXISTING DRIVEWAY
	REMOVE AND REPLACE EXISTING CURB
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	EXISTING OCU FORCE MAIN TO REMAIN
	PROPOSED OCU WATER MAIN



TEST HOLE DATA

TH#	GROUND	ELEVATION		UTILITY DESCRIPTION
		TOP OF UTILITY	UTILITY DESCRIPTION	
16	81.10	76.35	16 1/2" METAL PIPE WATER MAIN	
		79.35	1 1/2" COMM CABLE	
		78.25	1" COMM CABLE	



Drawing name: J:\031416\CD\DWG\Revised\PL023146 REVISED\NOVEMBER 20 2014\023146 Plan & Profile.dwg Nov 24, 2014, 3:56pm gmoose

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No.	Date	Revision	By																					
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No.	Date	Revision	By																					

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