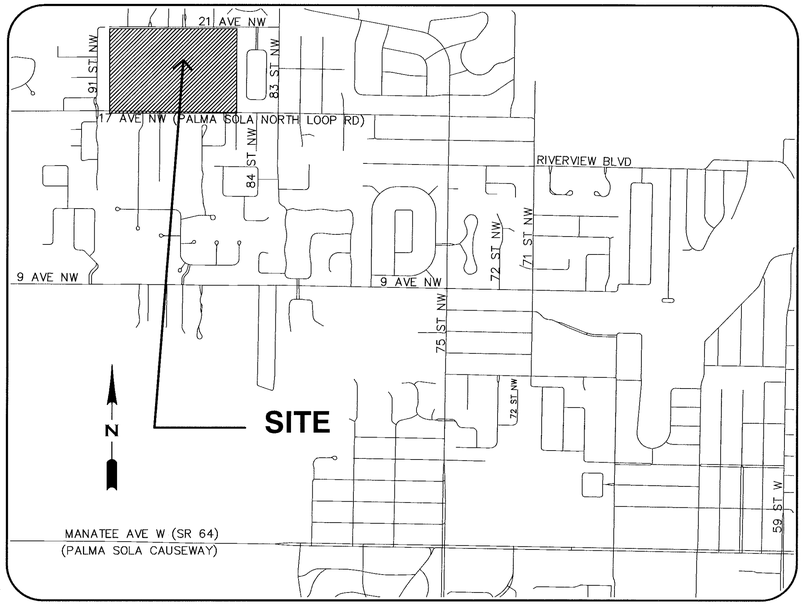
RECORD DRAWING

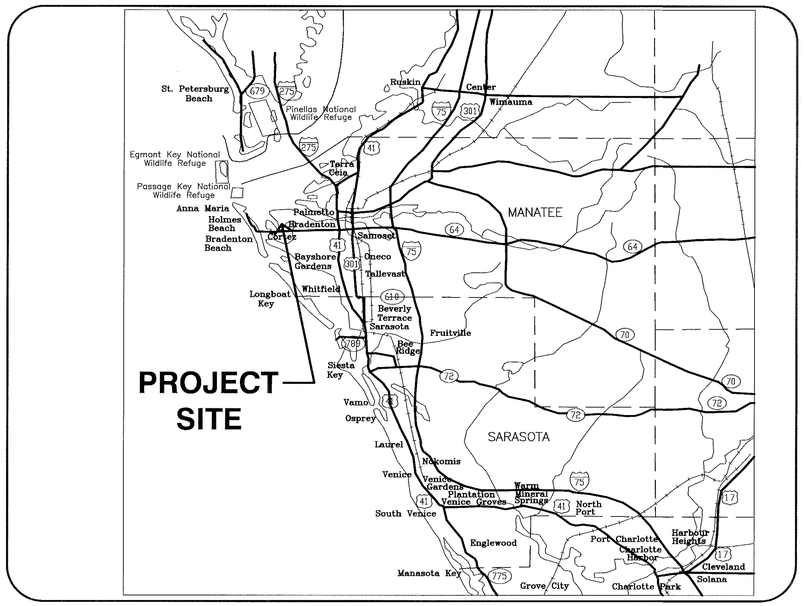
WISTERIA PARK

PART OF SECTION 24, TOWNSHIP 34 S, RANGE 16 E

MANATEE COUNTY, FLORIDA



LOCATION MAP



VICINITY MAP

DRAWING INDEX

SHEET	DESCRIPTION
1	COVER SHEET
2–3	SANITARY SEWER
4–5	POTABLE WATER
6–6A	IRRIGATION
7–8	STORM SEWER
9	LAKES 1–3
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11–12	DETAILS AND CHARTS
13–26	PLAN AND PROFILE
27	KEY SHEET
28–32	SITE PLAN
33	MASTER UTILITY PLAN

FOR:

RESOURCE CONSERVATION OF MANATEE, L.L.C.

8210 LAKEWOOD RANCH BOULEVARD
BRADENTON, FLORIDA 34202
PHONE (941) 328-1040

BY:

King ENGINEERING ASSOCIATES, INC.
4921 MEMORIAL HIGHWAY
ONE MEMORIAL CENTER, SUITE 300
TAMPA, FLORIDA 33634
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E-MAIL king@kingengineering.com

RECORD DRAWING NOTES :

1. THIS RECORD DRAWING INCLUDES LOCATIONS DERIVED FROM INFORMATION SUPPLIED BY THE CONTRACTOR OF RECORD IN ADDITION TO THOSE FEATURES DIRECTLY VIEWED BY KING ENGINEERING ASSOCIATES FIELD CREWS. TO THE BEST OF OUR KNOWLEDGE AND WITHIN NORMAL ACCEPTABLE LIMITS, THIS INFORMATION ACCURATELY REFLECTS CONDITIONS IN THE FIELD.

2. MANHOLE RIMS MAY BE ADJUSTED TO MATCH FINISHED PAVEMENT GRADES.

3. AS-BUILT INFORMATION IS SHOWN IN SLANT LETTERING.

4. ALL ELEVATIONS ON WATERMAIN TEES, SERVICES, BENDS AND INTERMEDIATE LOCATIONS ARE ON THE TOP OF PIPE UNLESS OTHERWISE NOTED ON THE PLAN. GATE VALVE ELEVATIONS ARE ON THE OPERATING NUTS OR THE OPERATING NUT EXTENSIONS UNLESS OTHERWISE NOTED ON THE PLAN. THE SAME APPLIES TO ALL FORCEMAIN AND EFFLUENT REFUSE MAINS.

5. ALL ROADS WILL BE CONSTRUCTEDIN ACCORDANCE WITH THE MANATEE COUNTY LAND DEVELOPMENT CODEAND MANATEE COUNTY PUBLIC WORKS STANDDARDS. ROADS WILL BE DEDICATED TO MANATEE COUNTY FOR OWNERSHIP AND MAINENANCE.

6. SEWER AND POTABLE WATER SYSTEM TO BE DEDICATED TO MANATEE COUNTY PUBLIC WORKS DEPARTMENT FOR PERPETUAL MAINTENACE. SEWER AND POTABLE WATER SERVICE WILL BE PROVIDED THROUGH THE EXTESION OF EXISTING COUNTY PUBLIC WORKS FACILITIES.

7. ELEVATIONS SHOWN HEREON ARE NGVD 1929 AND BASED ON THE PUBLISHED BENCH MARK AT THE SOUTHWEST CORNER OF RIVER'S RIDGE SUBDIVISION PLAT BOOK 27 PAGE 20, PUBLIC RECORDS OF MANATEE COUNTY FLORIDA.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS RECORD DRAWING OF THE UTILITIES SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS DISTINGUISHED BY SLANT LETTERING ARE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, AND BASED ON OBSERVED IMPROVEMENTS TOGETHER WITH INFORMATION PROVIDED BY OTHERS, A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS.

KING ENGINEERING ASSOCIATES, INC.
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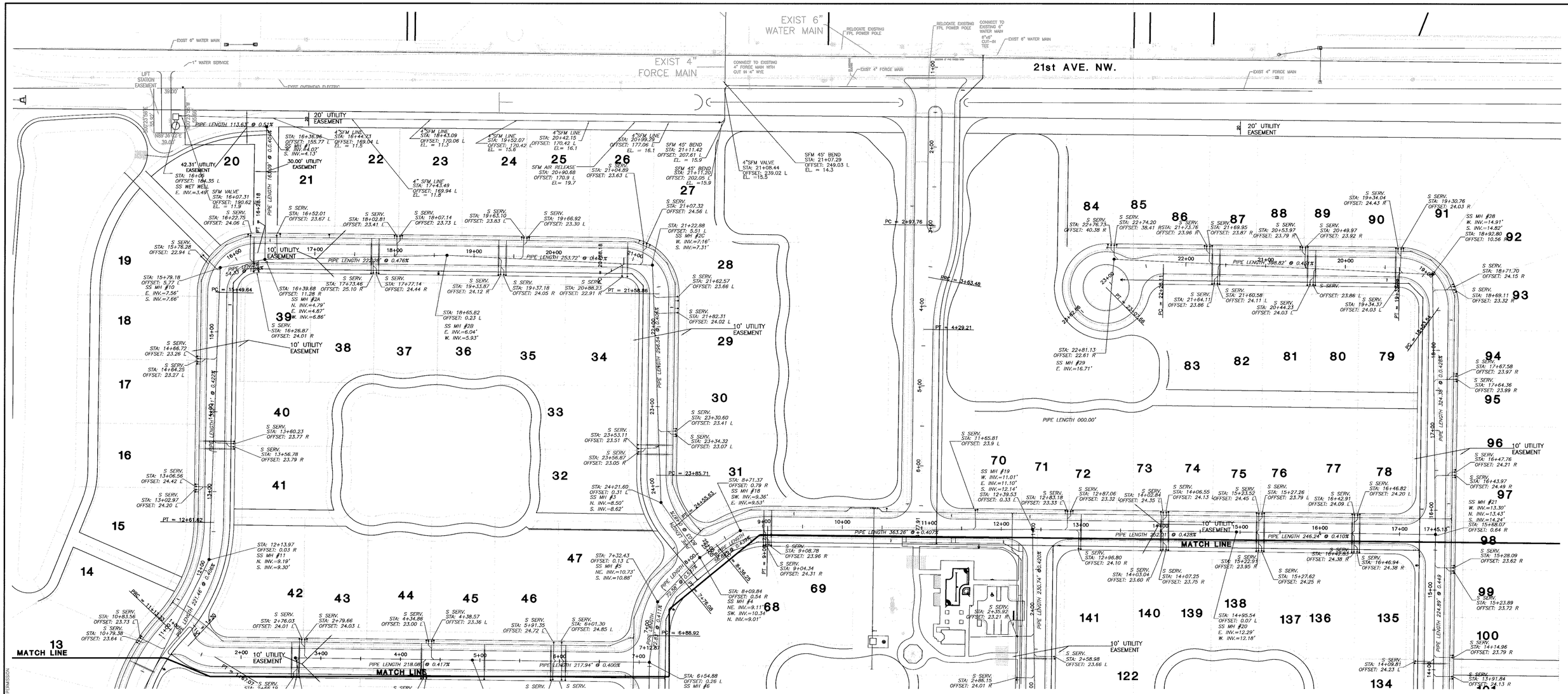
SARASOTA, FL 34243

JAMES D. GREER P.L.S.#5189

DATE OF FIELD WORK : 6/23/05 DATE OF CERTIFICATION :7/27/05

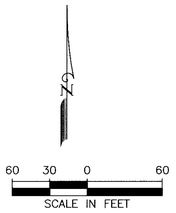
RECORD DRAWING

4412.00



LEGEND:

SS MH #22	=	SANITARY SEWER MAN HOLE #
SSS	=	SANITARY SEWER SERVICE
SFM LINE	=	SANITARY FORCE MAIN LINE
SFM VALVE	=	SANITARY FORCE MAIN VALVE
SFM VALVE	=	SANITARY FORCE MAIN VALVE
SFM 45° BEND	=	SANITARY FORCE MAIN 45° BEND



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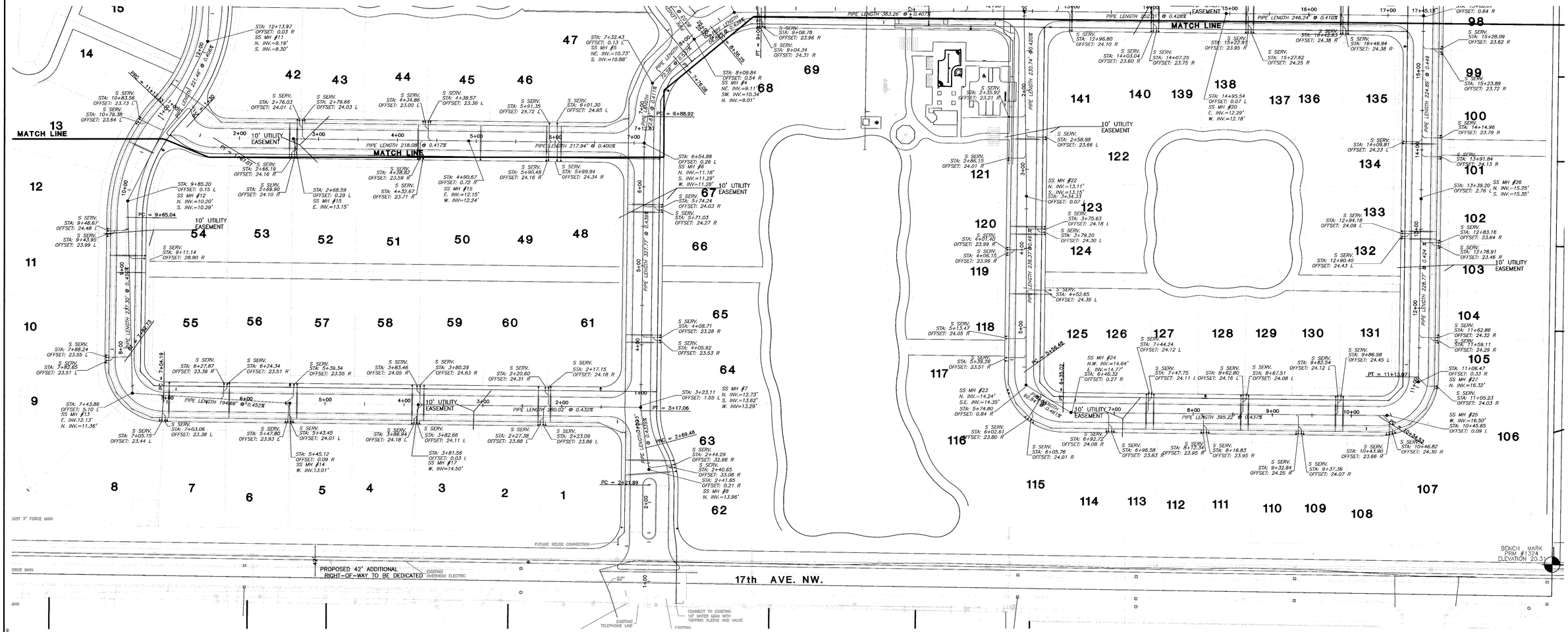
RECORD DRAWING SANITARY SEWER NORTH HALF

NO.	DATE	REVISIONS	APP'D BY
08-18-05		ADD EASEMENT DIMENSIONS	
06-23-05		ADD SFM AIR RELEASE VALVE	

JOB No. 8854-002-000
FIELD BOOK No. S110
DATE: 05/24/05
SCALE: 1"=60'
SHT. 2 OF 33

4412.002



LEGEND:

SS MH #22	=	SANITARY SEWER MAN HOLE #
SSS	=	SANITARY SEWER SERVICE
SFM LINE	=	SANITARY FORCE MAIN LINE
SFM VALVE	=	SANITARY FORCE MAIN VALVE
SFM VALVE	=	SANITARY FORCE MAIN VALVE
SFM 45° BEND	=	SANITARY FORCE MAIN 45° BEND

60 30 0 60
SCALE IN FEET

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RECORD DRAWING
SANITARY SEWER
SOUTH HALF

NO.	DATE	REVISIONS	APP'D BY
	06-23-05	ADD SFM AIR RELEASE VALVE	

JOB No. 8854-002-000
FIELD BOOK No. S110
DATE: 05/24/05
SCALE: 1"=60'
SHT. 3 OF 33

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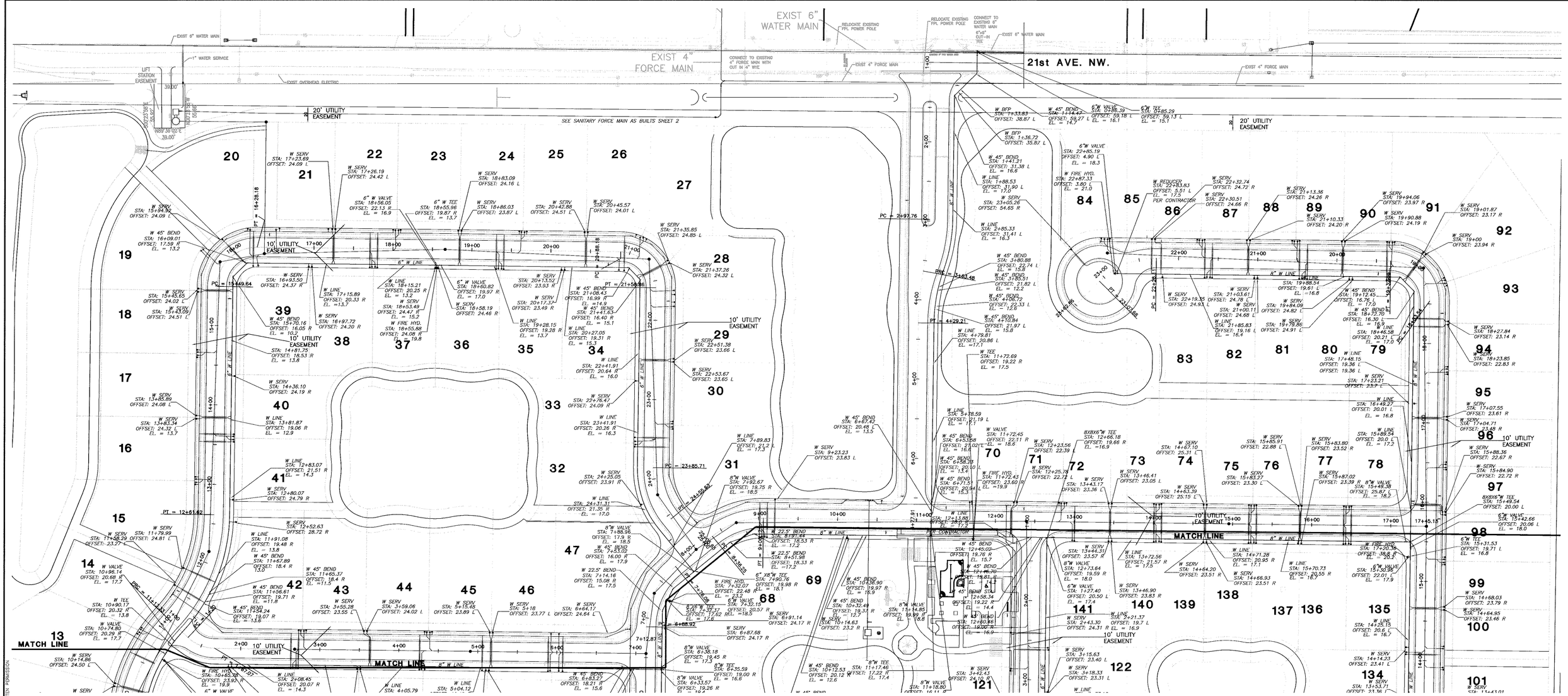
EXIST 6" WATER MAIN
EXIST 6" WATER MAIN
RELOCATE EXISTING FPL POWER POLE
RELOCATE EXISTING FPL POWER POLE
CONNECT TO EXISTING 6" WATER MAIN
6"x6" CUT-IN TEE
EXIST 6" WATER MAIN
1" WATER SERVICE
LIFT STATION EASEMENT
EXIST. OVERHEAD ELECTRIC
EXIST 4" FORCE MAIN
CONNECT TO EXISTING 4" FORCE MAIN WITH CUT IN 4" WYE
EXIST 4" FORCE MAIN
21st AVE. NW.
EXIST 4" FORCE MAIN
20' UTILITY EASEMENT
SEE SANITARY FORCE MAIN AS BUILTS SHEET 2
20' UTILITY EASEMENT
10' UTILITY EASEMENT
10' UTILITY EASEMENT
10' UTILITY EASEMENT
10' UTILITY EASEMENT
10' UTILITY EASEMENT
10' UTILITY EASEMENT
MATCH LINE
MATCH LINE
MATCH LINE
PER CONTRACTOR
PER CONTRACTOR
8" W LINE
6" W LINE
6" W LINE
6" W LINE
6" W LINE
6" W LINE
8" W LINE
8" W LINE
8

MATCH LINE

MATCH LINE

10' UTILITY EASEMENT

PROPOSED 42' ADDITIONAL RIGHT-OF-WAY TO BE DEDICATED

17th AVE. NW.

EXIST 16" WATER MAIN

FUTURE REUSE CONNECTION

CONNECT TO EXISTING 16" WATER MAIN WITH TAPPING SLEEVE AND VALVE

EXISTING 8" WATER MAIN

EXISTING TELEPHONE LINE

EXISTING OVERHEAD ELECTRIC

FORCE MAIN

RIVER'S RIDGE SUBDIVISION (PLAT BOOK 27 PAGES 19-21)

BENCH MARK
PRM #1324
ELEVATION 20.31'

LEGEND:

W LINE	=	POTABLE WATER LINE
W 22.5° BEND	=	POTABLE WATER 22.5° BEND
W TEE	=	POTABLE WATER TEE
W VALVE	=	POTABLE WATER VALVE
W 45° BEND	=	POTABLE WATER 45° BEND
W FIRE HYD.	=	POTABLE WATER FIRE HYD.
W SERV	=	POTABLE WATER SERVICE
6" W LINE	=	6" POTABLE WATER LINE
8" W LINE	=	8"POTABLE WATER LINE

60 30 0 60
SCALE IN FEET

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RECORD DRAWING
POTABLE WATER
SOUTH HALF

NO.	DATE	REVISIONS	APP'D BY
	07-12-05	ADD PER CONTRACTOR ELEVATIONS	

JOB No.	6854-002-000
FIELD BOOK No.	S110
DATE:	05/24/05
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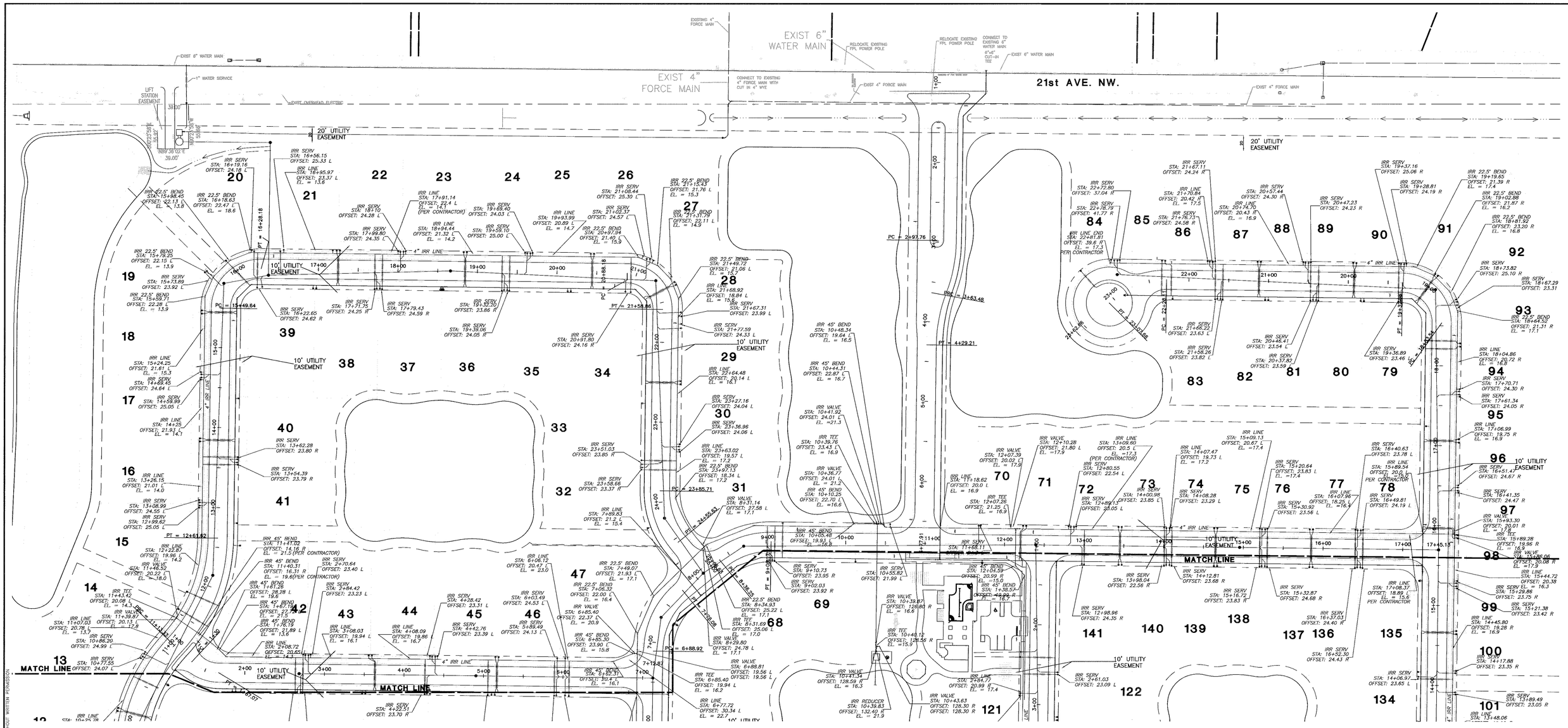
SHT.	5
OF	33



LEGEND:

4" IRR LINE	=	SIZE IRRIGATION LINE
IRR REDUCER	=	IRRIGATION REDUCER
IRR LINE	=	IRRIGATIONLINE LINE
IRR 22.5° BEND	=	IRRIGATION 22.5° BEND
IRR TEE	=	IRRIGATION TEE
IRR VALVE	=	IRRIGATION VALVE
IRR 45° BEND	=	IRRIGATION 45° BEND
IRR PLUG	=	IRRIGATION PLUG
IRR SERV	=	IRRIGATION SERVICE

60 30 0 60

SCALE IN FEET

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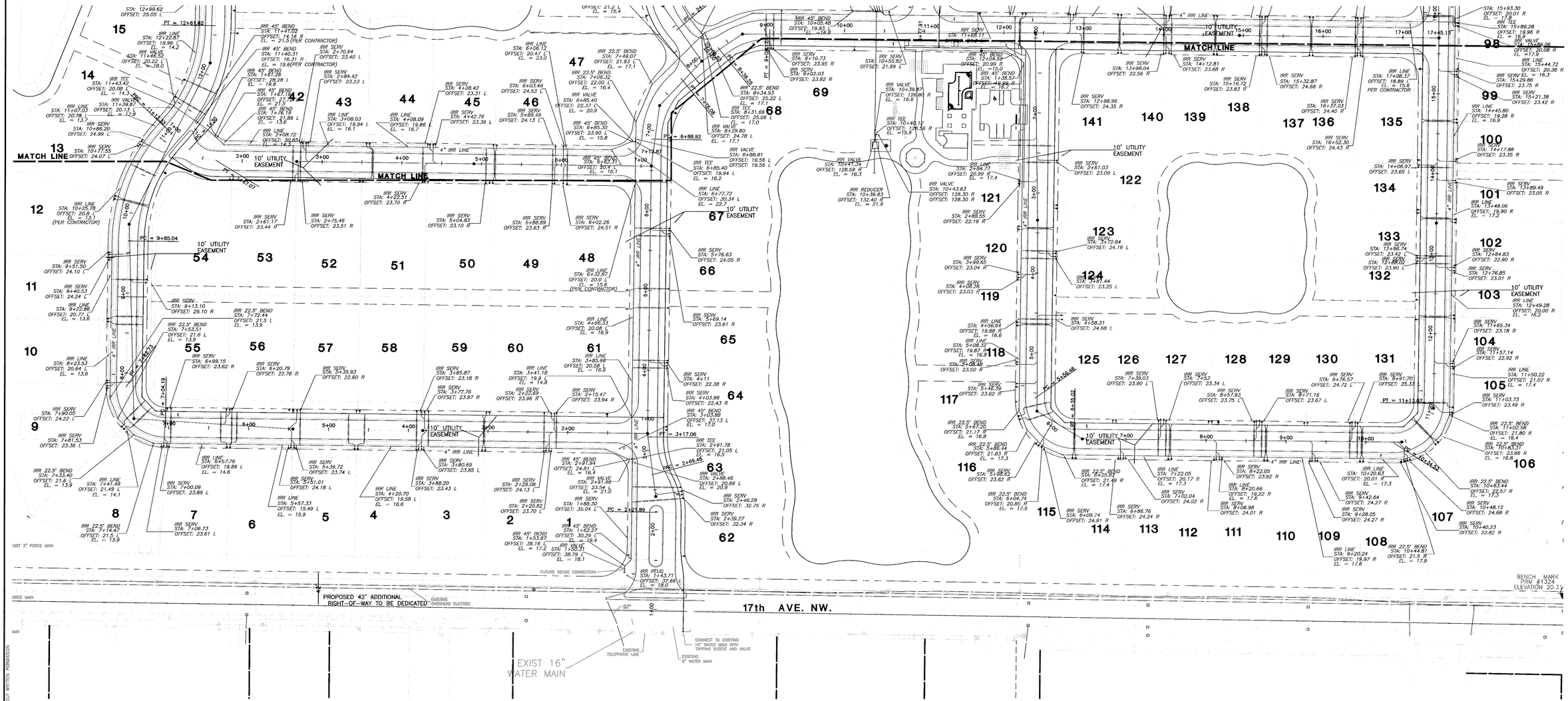
RECORD DRAWING IRRIGATION

NO.	DATE	REVISIONS	APP'D BY
	07-12-05	ADD PER CONTRACTOR ELEVATIONS	

JOB No. 8854-002-000
FIELD BOOK No. S110
DATE: 05/24/05
SCALE: 1"=60'
SHT. 6 OF 33

4412-026



LEGEND:

4" IRR LINE	=	SIZE IRRIGATION LINE
IRR REDUCER	=	IRRIGATION REDUCER
IRR LINE	=	IRRIGATIONLINE LINE
IRR 22.5° BEND	=	IRRIGATION 22.5° BEND
IRR TEE	=	IRRIGATION TEE
IRR VALVE	=	IRRIGATION VALVE
IRR 45° BEND	=	IRRIGATION 45° BEND
IRR PLUG	=	IRRIGATION PLUG
IRR SERV	=	IRRIGATION SERVICE

N

60 30 0 60

SCALE IN FEET

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RECORD DRAWING IRRIGATION

NO.	DATE	REVISIONS	APP'D BY
07-12-05		ADD PER CONTRACTOR ELEVATIONS	

JOB No.	6854-002-000
FIELD BOOK No.	S110
DATE:	05/24/05
SCALE:	1"=60'
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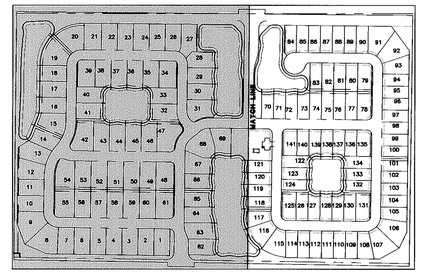
OF	33

4012-057



KEY MAP

LEGEND:

STORM STR. #51 = STORM SEWER STRUCTURE NUMBER
N. INV. = DIRECTION OF PIPE, INVERT
~~00.00~~ = PROPOSED ELEVATION
00.00 = AS-BUILT ELEVATION

60 30 0 60
SCALE IN FEET

SURVEYOR'S CERTIFICATE

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SARASOTA, FL 34243

JAMES D. GREER P.L.S.#5189

DATE OF FIELD WORK : 6/23/05 DATE OF CERTIFICATION : 7/27/05

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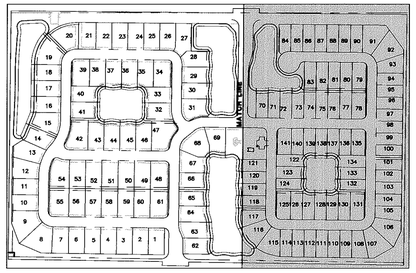
RECORD DRAWING STORM SEWER WEST HALF

NO.	DATE	REVISIONS	APP'D BY

JOB No.	8854-002-000
FIELD BOOK No.	S110
DATE:	05/24/05
SCALE:	1"=60'
SHT.	7
OF	33

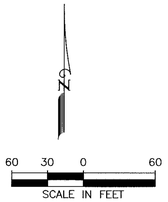
4412-008

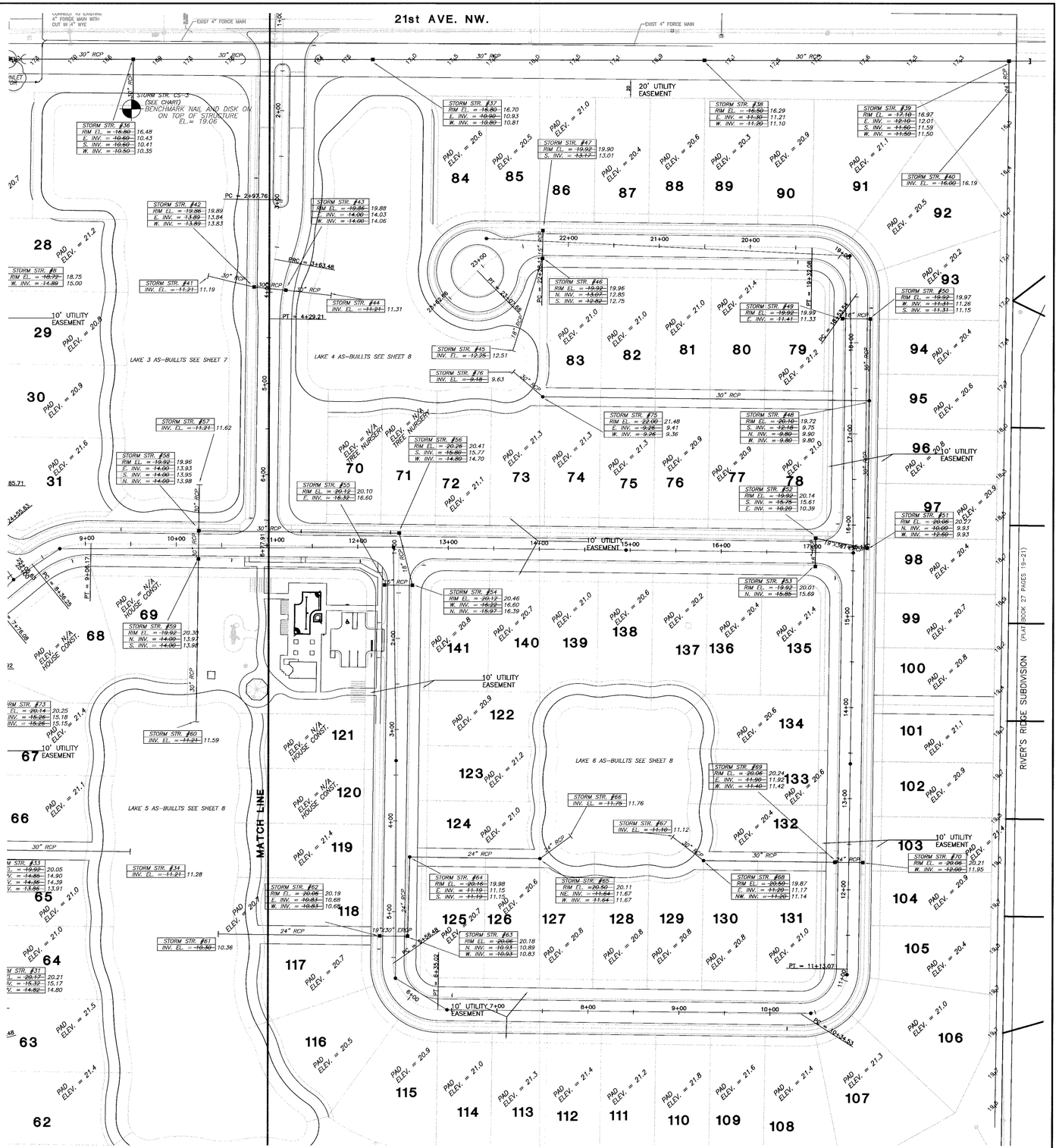


KEY MAP

LEGEND:

STORM STR. #51	=	STORM SEWER STRUCTURE NUMBER
N. INV.	=	DIRECTION OF PIPE, INVERT
~~00.00~~	=	PROPOSED ELEVATION
00.00	=	AS-BUILT ELEVATION





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RECORD DRAWING
STORM SEWER
EAST HALF

NO.	DATE	REVISIONS	APP'D BY

JOB No.	8854-002-000
FIELD BOOK No.	S110
DATE	05/24/05
SCALE:	1"=60'
SHT.	8
OF	33

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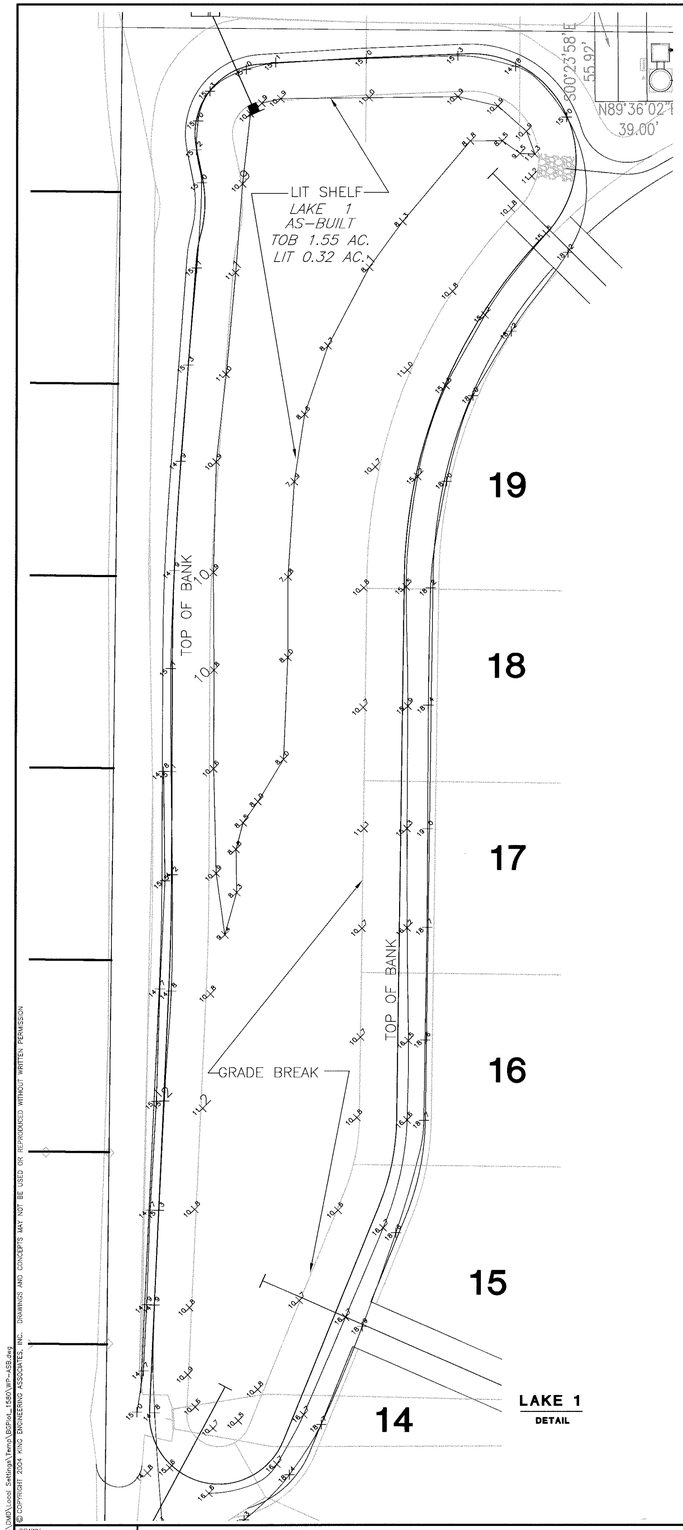
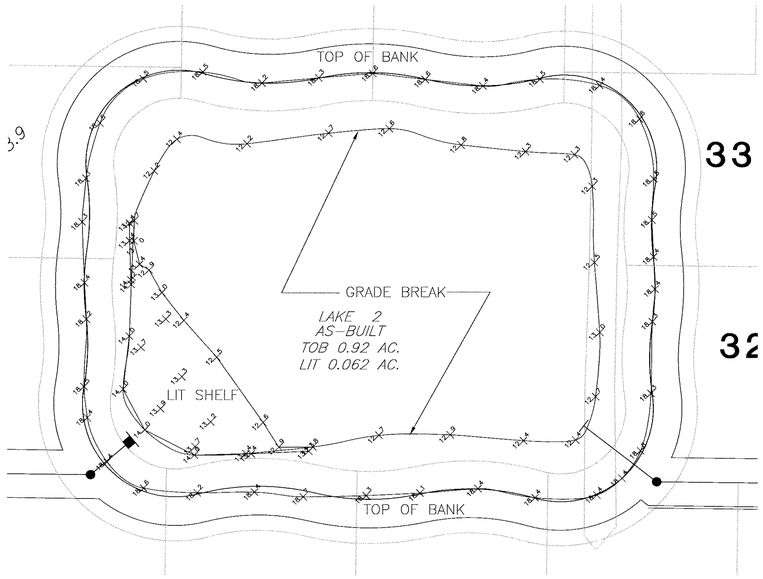
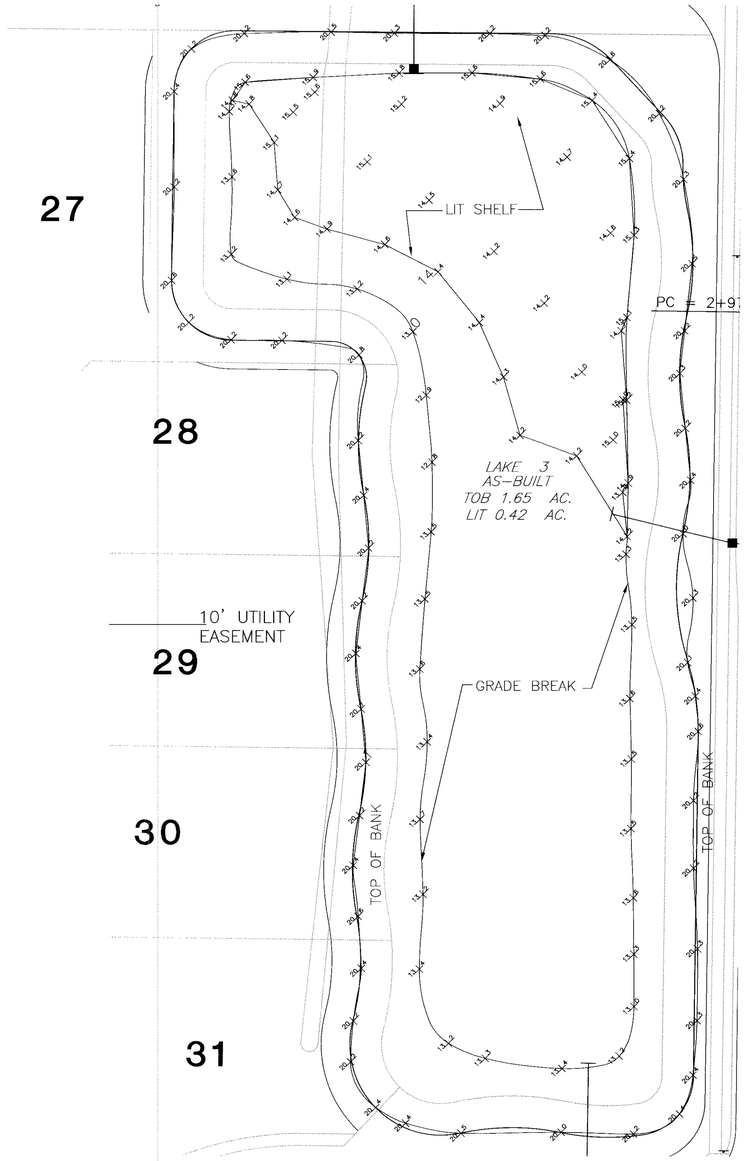


LAKE 1
DETAIL



LAKE 2
DETAIL



LAKE 3
DETAIL

LEGEND:

LIT = LITTORAL SHELF
TOB = TOP OF BANK

SURVEYOR'S CERTIFICATE

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COGO FILE	WIST-SO

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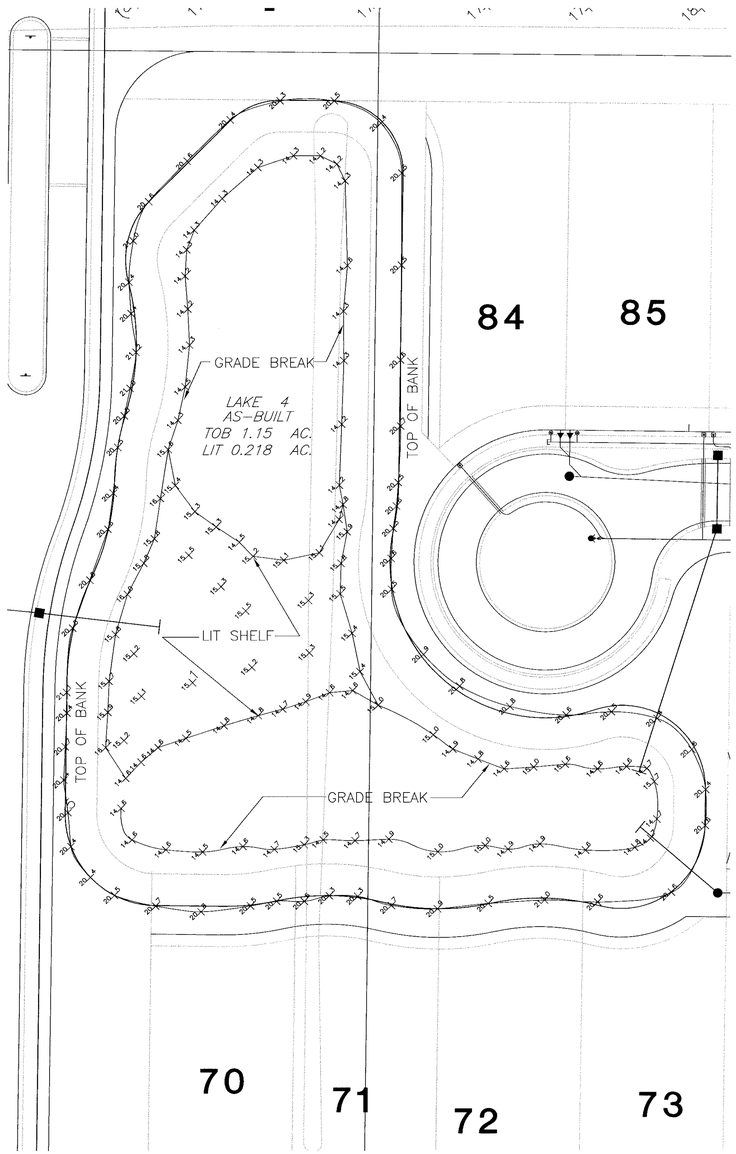
RECORD DRAWING
LAKES 1-3

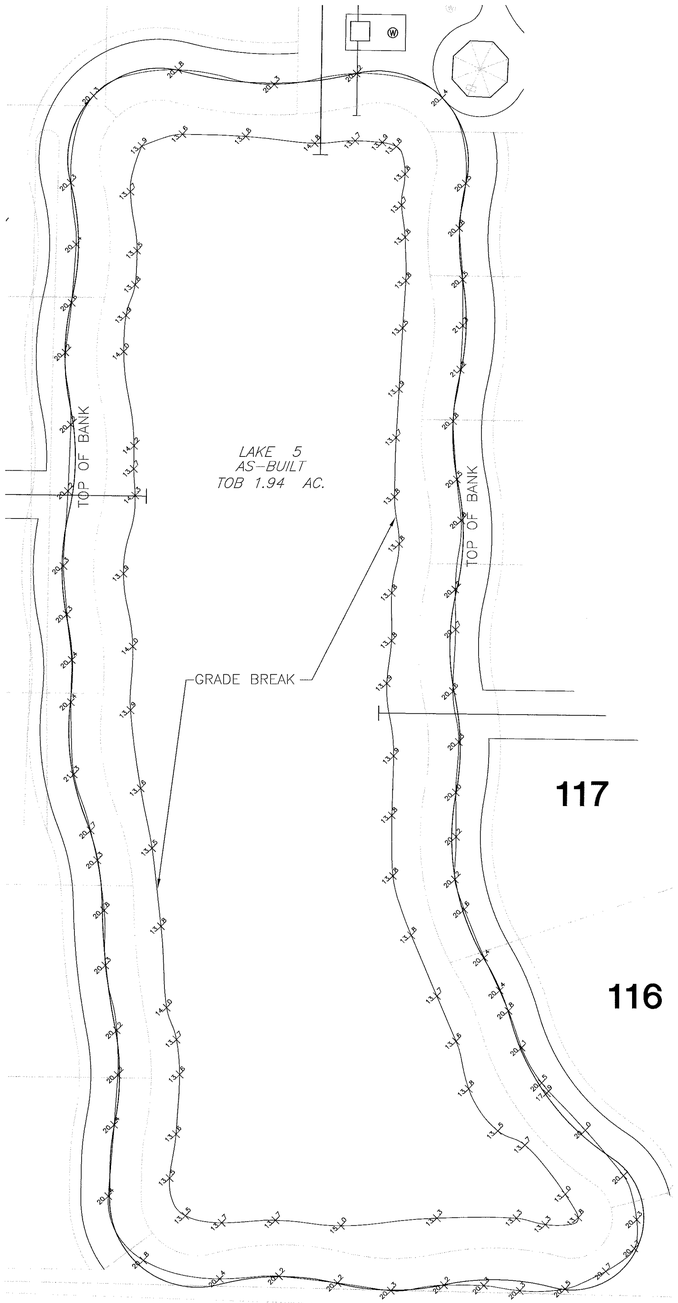
NO.	DATE	REVISIONS	APP'D BY

JOB No.	8854-002-000
FIELD BOOK No.	S110
DATE:	05/24/05
SCALE:	1"=30'
SHT.	9
OF	33

4412.010



LAKE 4
DETAIL



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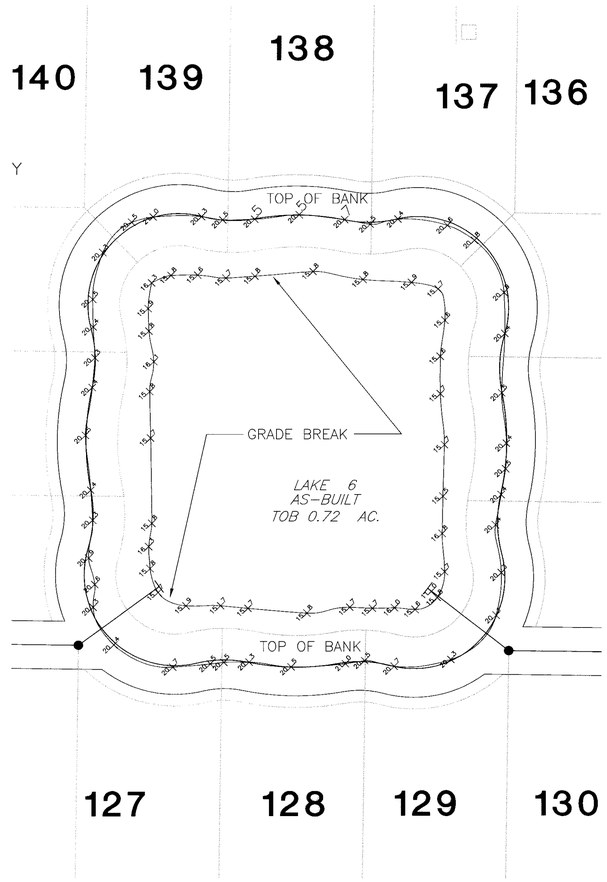

LAKE 6
DETAIL

LEGEND:

LIT = LITTORAL SHELF
TOB = TOP OF BANK

N

30 15 0 30
SCALE IN FEET

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS RECORD DRAWING OF THE UTILITIES SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS DISTINGUISHED BY SLANT LETTERING ARE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, AND BASED ON OBSERVED IMPROVEMENTS TOGETHER WITH INFORMATION PROVIDED BY OTHERS, A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS.

KING ENGINEERING ASSOCIATES, INC.
2940 UNIVERSITY PARKWAY
SARASOTA, FL 34243

JAMES D. GREER P.L.S.#5189

DATE OF FIELD WORK : 6/23/05 DATE OF CERTIFICATION :7/27/05

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Q.C.	
COGO FILE	WIST-SO

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RESOURCE CONSERVATION OF MANATEE, L.L.C.
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(941) 328-1040

RECORD DRAWING
LAKES 4-6

NO.	DATE	REVISIONS	APP'D BY

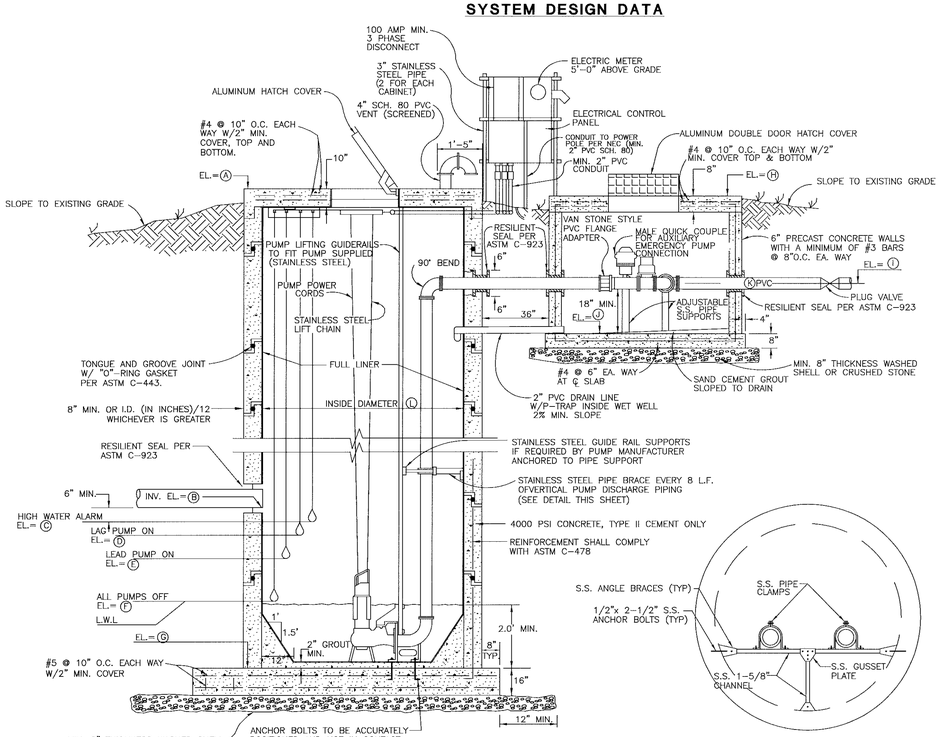
JOB No. 8854-002-000
FIELD BOOK No. S110
DATE: 05/24/05
SCALE: 1"=30'
SHT. 10 OF 33

4412.011

DESIGN CHARACTERISTICS		PUMP STA. #1	
(A)	TOP OF PUMP STATION EL.	~~16.20~~	16.12
(B)	INVERT EL.	~~3.70~~	3.44
(C)	HIGH WATER ALARM EL.	3.20	
(D)	LAG PUMP ON EL.	2.70	
(E)	LEAD PUMP ON EL.	2.20	
(F)	ALL PUMPS OFF EL.	0.20	
(G)	TOP BASE SLAB EL.	~~-2.30~~	-2.45
(H)	TOP OF VALVE BOX EL.	~~16.20~~	16.17
(I)	CENTERLINE OF FORCE MAIN	11.33	
(J)	BOTTOM OF VALVE BOX EL.	~~9.7~~	9.87
(K)	FORCE MAIN SIZE	4"	
(L)	WETWELL INSIDE DIAMETER	6'-0"	
(M)	WETWELL HATCH WIDTH	36"	
(N)	WETWELL HATCH LENGTH	48"	
(O)	HATCH OFFSET TO ? OF WETWELL	22"	
(P)	DISCHARGE PIPE OFFSET TO ? OF WETWELL	13"	
(Q)	VALVE VAULT WIDTH	6'-0"	
(R)	VALVE VAULT LENGTH	7'-0"	

PUMP DATA AND DESIGN CHARACTERISTICS	PUMP STA.
PUMP STATION NUMBER	1
NUMBER OF PUMPS	2
TYPE OF DRIVE	FIXED SPEED
DESIGN CAPACITY PER PUMP, G.P.M. *	118 G.P.M.
TOTAL DYNAMIC HEAD, FT.	25 FT.
MIN. EFF. AT DESIGN CAPACITY %	40%
DESIGN SPEED, MAX R.P.M.	1,750 R.P.M.
MAX. HORSEPOWER PER PUMP, H.P.	3 H.P.
MIN. SHUT-OFF HEAD, FT.	0.20 FT.
MAX. SIZE SOLIDS, IN.	3"
DISCHARGE SIZE, IN.	4"
PUMP MANUF. & MODEL NUMBER	HYDROMATIC SERIES 1
IMPELLER DIAMETER	5.80"
PUMP R.P.M.	1,750 R.P.M.
ELECT. SVC- VOLTAGE & PHASE	230 VAC.,3 PHASE
FORCE MAIN- EQUIV. LENGTH, DIAM. & MATERIAL	965 LF 4.39" C900 PVC
FORCE MAIN DISCHARGE ? ELEV. & HIGHEST EL.	11.33', 18.50'
NUMBER OF EQUIVALENT DWELLING UNITS	141 EDU'S
AVERAGE DAILY FLOW @ 285 G.P.D. PER UNIT	27.9 G.P.M.
PEAK DAILY FLOW @ 1.5 X A.D.F.	112 G.P.M.

SYSTEM DESIGN DATA



SECTION X-X

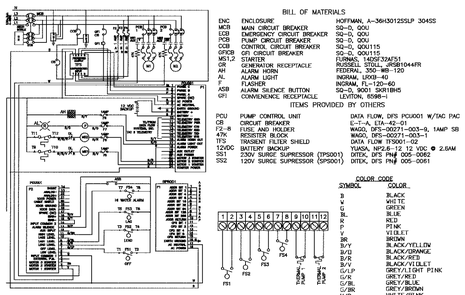
WET WELL PIPE BRACING DETAIL

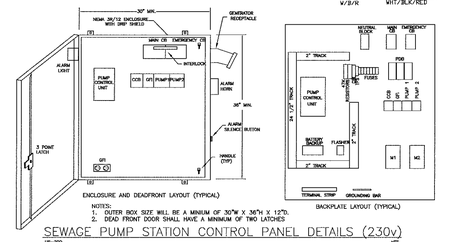
SEWAGE PUMP STATION WETWELL & VALVE VAULT SECTION VIEW DETAILS

US-20B NTS

ADDED LETTERS FOR DIMENSIONS OR ELEVATIONS ARE REQUIRED AND DELETED TABLE 10/03/02

MANATEE S-S022(10/03/02)





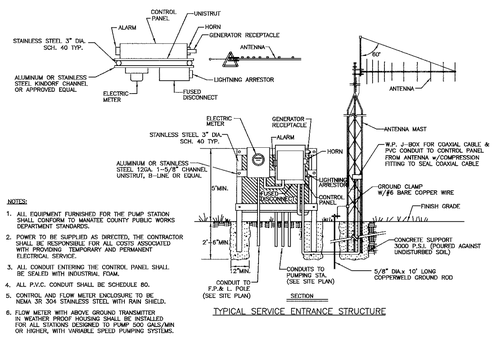
SEWAGE PUMP STATION CONTROL PANEL DETAILS (230v)

US-20D NTS

NOTE:
IN ADDITION TO MANATEE COUNTY SEWAGE PUMP STATION CONTROL PANEL

1. CONTROL PANEL ELECTRICAL SYSTEM SHALL BE CONSTRUCTED SUCH THAT THE PUMPS WILL RUN ON ALTERNATING CYCLES.
2. ENCLOSURE SIZE MAY VARY FOR LARGE HORSE POWER PUMPS.
3. IF ODOR CONTROL IS TO BE PROVIDED, PROVIDE AN ADDITIONAL 40 AMP, 115 VOLT CIRCUIT FOR ODOR CONTROL SYSTEM, READY FOR CONNECTION WHEN COUNTY INSTALLS ODOR CONTROL EQUIPMENT. PROVIDE PULL STRING IN CONDUITS TO ODOR CONTROL SLAB.

7/16/02

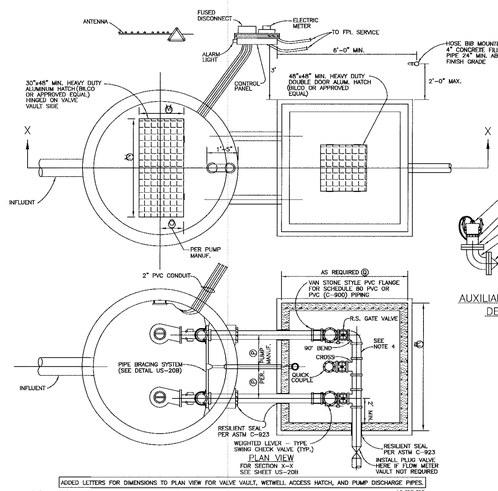


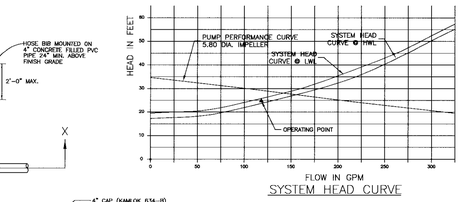
NOTES:
1. ALL EQUIPMENT FURNISHED FOR THE PUMP STATION SHALL CONFORM TO MANATEE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS.
2. POWER TO BE SUPPLIED AS DIRECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH PROVIDING TEMPORARY AND PERMANENT ELECTRICAL SERVICE.
3. ALL CONDUIT ENTERING THE CONTROL PANEL SHALL BE SEALED WITH INDUSTRIAL FOAM.
4. ALL P.V.C. CONDUIT SHALL BE SCHEDULE 80.
5. CONTROL AND FLOW METER ENCLOSURE TO BE NEMA 3R 304 STAINLESS STEEL WITH RAIN SHIELD.
6. FLOW METER WITH ABOVE GROUND TRANSMITTER IN WEATHER PROOF HOUSING SHALL BE INSTALLED FOR ALL STATIONS DESIGNED TO PUMP 500 GALS/MIN OR HIGHER, WITH VARIABLE SPEED PUMPING SYSTEMS.

TYPICAL SERVICE ENTRANCE STRUCTURE

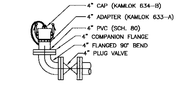
SEWAGE PUMP STATION METER & ELECTRICAL DETAILS

US-20C NTS





SYSTEM HEAD CURVE



AUXILIARY PUMPING DETAIL "A" NTS

PIPE EQUIVALENT DIA. = 4.39 IN.
C FACTOR = 130
PIPE EQUIVALENT LENGTH = 2,670 FT.
STATIC HEAD = 20.30 FT.
DRAW DOWN = 5.50 FT.
OPERATING AT 118 GPM AT 36' TDH
W/VELOCITY OF 2.5 FT. PER SEC. (VARIES).

PIPE LENGTH CHART

	SIZE (INCHES)	MATERIAL & CLASS	LENGTH (FEET)	TOTAL (FEET)
POTABLE WATER	6"	PVC DR-18	3728'	
	8"	PVC DR-18	3468'	
				7196'
IRRIGATION WATER	4"	PVC	7031'	
				7031'
SEWER FORCE MAIN	4"	PVC DR-18	733'	
				733'
GRAVITY SEWER	8"	PVC	6593'	
		SDR-26		
			NOT CONSTRUCTED	
		DR-14	0' PER CONTRACTOR	
				6593'

GENERAL NOTES: 10/03/02

1. ALL ACCESS COVERS SHALL BE ALUMINUM, WITH STAINLESS STEEL HARDWARE AND RATED FOR 300 P.S.F. LOADING. ALL ALUMINUM SURFACES IN CONTACT WITH CONCRETE SHALL HAVE 2 COATS BITUMASTIC EPOXOY, TOTAL 16 MILS DFT. ALL ACCESS COVERS SHALL BE EQUIPPED WITH A LOCKING STAPLE OR BAR FOR USE WITH A PADLOCK. PADLOCKS SHALL BE FURNISHED BY THE PUBLIC WORKS DEPARTMENT.
2. INSTALL WET WELL VENT ON THE VALVE VAULT SIDE OF THE WET WELL HATCH COVER.
3. GROUND SHALL BE SLOPED AWAY FROM SLAB TO NATURAL GROUND ELEVATION IN ALL DIRECTIONS. RESTORATION SHALL INCLUDE SODDING TO 20' FEET BEYOND CONCRETE STRUCTURES.
4. ALL IRON BODY FITTINGS SHALL BE COATED WITH A FUSION BONDED FACTORY EPOXY COATING. (INSIDE AND OUTSIDE)
5. ALL PIPING FROM THE PUMP BASE ELLS TO THE PUMP CHECK VALVE SHALL BE CLASS 200, DR-14, AWWA C-900 OR SCH. 80 PVC. ALL PIPING DOWN STREAM FROM THE PUMP PIPING CROSS IN THE VALVE VAULT SHALL BE DR-14, C-900. ALL PVC PIPING INSIDE THE WET WELL AND VALVE VAULT SHALL BE CONNECTED TO FLANGED FITTINGS USING SCH. 80 PVC VAN STONE STYLE FLANGE ADAPTERS. ALL SCH. 80 PVC PIPING CONNECTIONS TO SCH. 80 PVC FITTINGS SHALL BE SOLVENT WELD JOINTS. ALL FLOW METER VAULT FLANGE CONNECTIONS SHALL USE IRON BODY FLANGE ADAPTORS. ALL BURIED FITTINGS SHALL BE RESTRAINED JOINT.
6. ALL SCH. 80 PVC PIPE SHALL BE GRAY. ALL OTHER PIPING SHALL BE COLOR CODED IN ACCORDANCE WITH THE PUBLIC WORKS STANDARDS. GREEN=RAW SEWAGE, PURPLE=EFFLUENT, BLUE=POTABLE WATER.
7. ANCHORS & LIFTING DEVICES SHALL NOT PENETRATE THE WALLS OF THE WET WELL.
8. ALL INTERIOR SURFACES OF WET WELL SHALL BE LINED. (SEE DETAIL US-3A) INSIDE VALVE VAULT SHALL BE COATED WITH TWO COATS EPOXY.
9. ALL METAL APPURTENANCES INCLUDING BOLTS, NUTS AND WASHERS INSIDE THE WET WELL AND VALVE VAULT SHALL BE STAINLESS STEEL UNLESS OTHERWISE NOTED (TYPE 304). ALL STAINLESS STEEL BOLTS SHALL BE TREATED WITH NEVER SEIZE PRIOR TO ASSEMBLY.
10. VERTICAL PVC PUMP DISCHARGE PIPE IN THE WET WELL SHALL BE BRACED EVERY EIGHT (8) LINEAR FEET TO PREVENT EXCESSIVE BOWING. THE PIPE SHALL BE CLAMPED TO A SINGLE LENGTH OF 1-5/8" STAINLESS STEEL CHANNEL INSTALLED HORIZONTALLY AND ANCHORED TO THE WET WELL WALL AT EACH END WITH A CENTER BRACE OF 1-5/8" CHANNEL ATTACHED TO THE BACK OF THE WET WELL. THE PIPE CLAMPS SHALL BE A MINIMUM OF 1-1/2" WIDE, 12 GA. STAINLESS STEEL.
11. VALVE & METER VAULTS SHALL BE PRECAST TYPE II REINFORCED CONCRETE.
12. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT FLOTATION DURING CONSTRUCTION. ENGINEER SHALL SUBMIT FLOTATION CALCULATIONS TO MCPWD, ENGINEERING DIVISION AT PLAN REVIEW SUBMITTAL.
13. BASE AND FIRST WALL SECTION SHALL BE MONOLITHIC.
14. PVC RESTRAINTS SHALL BE MANUFACTURED BY STAR PIPE PRODUCTS INC., UNI-FLANGE DIVISION OF NAPPCO, INC. OR APPROVED EQUAL.
15. THE PUMP STATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH PUBLIC WORKS DEPARTMENT STANDARDS & SPECIFICATIONS.
16. PROVIDE POTABLE WATER SERVICE CONNECTION, 3/4" BRASS LOCKSHIELD AND LOOSE KEY HOSE BIB. PROVIDE WATTS 909 BACKFLOW PREVENTER (OR APPROVED EQUAL). ALL WATER SERVICE PIPING FROM WATER METER TO BE TYPE "L" COPPER OR BRASS, 3/4" MIN. DIAMETER.
17. HOSE BIB TO BE A MAXIMUM OF 2 FEET FROM THE VALVE VAULT, A MINIMUM OF 6 FEET FROM THE ELECTRICAL CONTROL PANEL, 24" ABOVE THE SURROUNDING FINISH GRADE, AND ANCHORED TO A 4" PVC CONCRETE FILLED PIPE.
18. ELECTRICAL SERVICE SHALL BE 240 VOLT, 3 PHASE MINIMUM UNLESS UNAVAILABLE FROM THE ELECTRICAL UTILITY.
19. WATER METER ASSEMBLY TO BE INSTALLED BY CONTRACTOR AS PART OF WATER SERVICE CONNECTION WITH FEES PAID BY OWNER.
20. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR TO CONSTRUCT WATERTIGHT STRUCTURES. COMPLETED STRUCTURES THAT ARE NOT WATERTIGHT AND/OR DO NOT MEET THE REQUIREMENTS OF ASTM C-443 WILL BE REJECTED.
21. FLEXIBLE GASKET CONNECTORS SHALL MEET THE REQUIREMENTS OF ASTM C-923 LATEST REVISION & ARE REQUIRED IN ALL MANHOLES.
22. ALL GATE VALVES SHALL BE RESILIENT SEAT.
23. THE METER AND BACKFLOW PREVENTER SHALL BE INSTALLED AT THE EASEMENT OR PROPERTY LINE IN ACCORDANCE WITH MANATEE COUNTY REQUIREMENTS (SEE DETAIL US-25). SEE PLUMBING CODE FOR BACKFLOW DETAILS.
24. FLOW METER IS REQUIRED WHEN A VARIABLE SPEED PUMPING SYSTEM IS USED.
25. ELECTRICAL CONDUIT SHALL BE RUN BY THE SHORTEST ROUTE POSSIBLE FROM THE ELECTRICAL SOURCE TO THE CONTROL PANEL AND FROM THE CONTROL TO THE LIFT STATION WET WELL. NO ELECTRICAL SHALL BE INSTALLED BETWEEN THE WET WELL AND VALVE VAULT STRUCTURES.
26. THE VALVE VAULT SHALL HAVE A MINIMUM CLEARANCE OF 12" FROM FLANGES TO THE VALVE VAULT WALL, 18" FROM FLANGES TO THE VALVE VAULT FLOOR AND 24" FROM THE CROSS TO THE VALVE VAULT WALL AT THE FORCE MAIN EXIT POINT.

SEWAGE PUMP STATION WET WELL & VALVE VAULT PLAN VIEW DETAILS

US-20A NTS

NOTE: IN ADDITION TO MANATEE COUNTY SEWAGE PUMP STATION WET WELL & VALVE VAULT PLAN VIEW DETAILS

1. ALL PLUG VALVES SHALL BE RESILIENT SEAT
2. ALL IRON VALVES SHALL BE COATED WITH A FUSION BONDED FACTORY EPOXY COATING, INSIDE AND OUTSIDE.
3. SEE PLAN SHEET FOR PROPER ORIENTATION.
4. ALL FLANGED FITTINGS IN THE WETWELL AND VALVE BOX SHALL BE CONNECTED USING STAINLESS STEEL NUTS, BOLTS, FLAT WASHERS AND LOCK WASHERS.
5. VALVE BOX TO BE MIN. 6'x8' FOR 4" PUMP DISCHARGE OR LESS AND MIN. 7'x7' FOR 6" PUMP DISCHARGE.
6. ADDED AUXILIARY PUMPING DETAIL "A"
7. GATE VALVE OUTSIDE VALVE VAULT CHANGED TO PLUG VALVE.
8. CHANGE NOTE #23 (SEE DETAIL US-25) TO (SEE DETAIL US-24)

SURVEYOR'S CERTIFICATE

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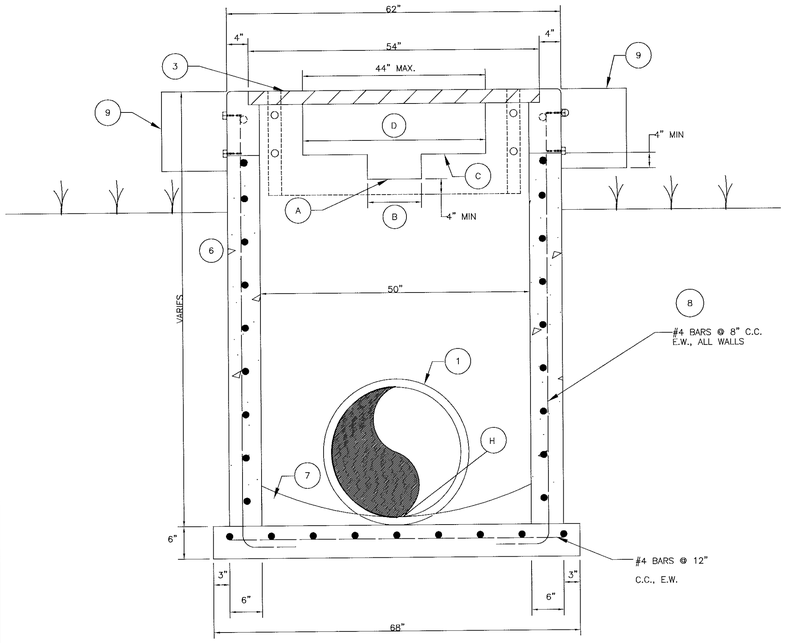
RECORD DRAWING DETAILS AND CHARTS

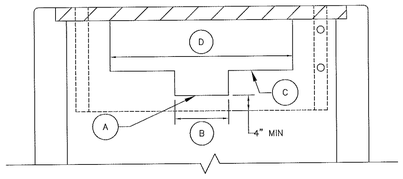
NO.	DATE	REVISIONS	APP'D BY
1	06-23-05	REVISED WEIR ELEVATIONS	

JOB No. 8854-002-000
FIELD BOOK No. S110
DATE: 05/24/05
SCALE: N.T.S
SHT. 11 OF 33

4412-012



SECTION A–A



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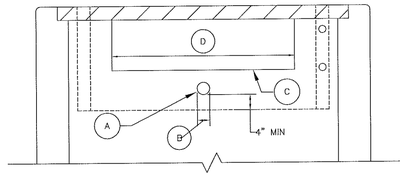

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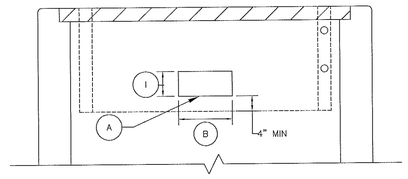

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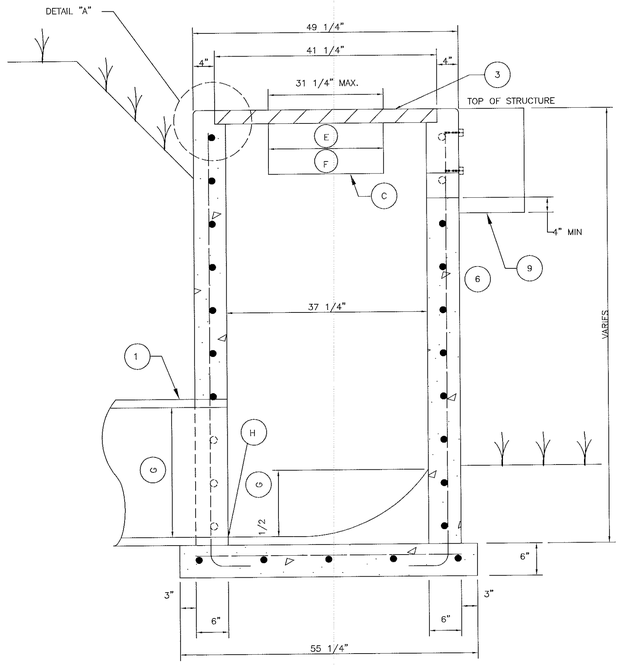
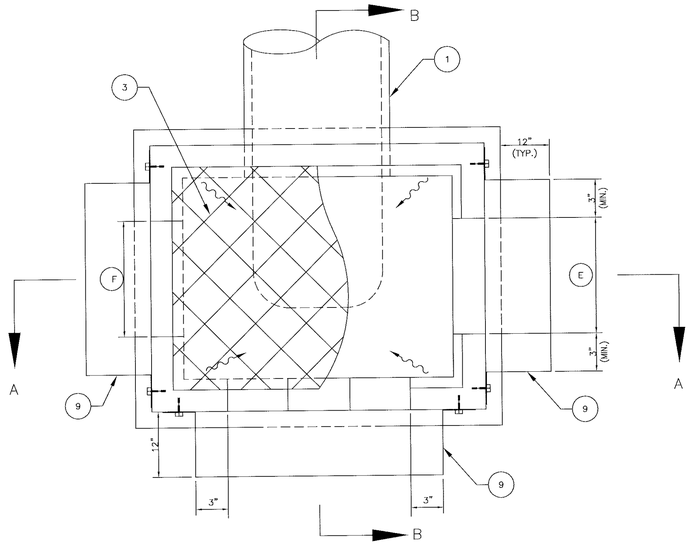


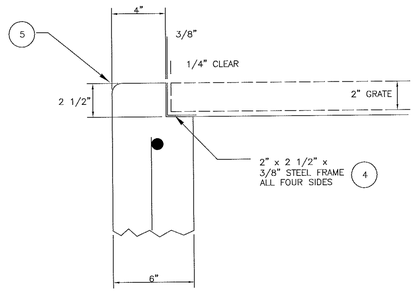
SECTION B–B

NOTES:

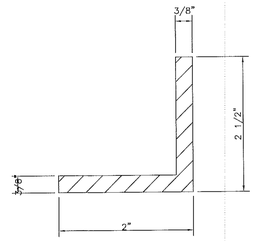
1. SEE STORM PIPING PLAN DRAWINGS FOR PIPE SIZE, ALIGNMENT, FLOWLINE AND GRATE ELEVATIONS
2. BENCH MARK REQUIRED TO BE SET ON STRUCTURE AFTER CONSTRUCTION IS COMPLETE. ELEVATION TO BE NOTED IN RECORD DRAWINGS.
3. U.S.F. GRATE NO. 6615 (STEEL 40" x 52 11/16" x 2")
4. FRAME & GRATE SHALL BE OF STEEL CONSTRUCTION COATED WITH 2 APPLICATIONS OF BLACK ENAMEL, 4.0 MILS DRY FILM THICKNESS EACH COAT, 8 MILS TOTAL. COATING SHALL MEET OR EXCEED FDOT SPECIFICATION 971–8. CONTRACTOR SHALL APPLY ONE FIELD COAT TO ANY BARE AREAS AS DETERMINED BY ENGINEER.
5. 3/4" CHAMFER ALL EXPOSED EDGES.
6. 3000 PSI CONCRETE @ 28 DAYS SHALL BE USED THROUGHOUT.
7. POURED CONCRETE INVERT AFTER INLET AND PIPE PLACED IN GROUND, 3000 PSI @ 28 DAYS.
8. REINFORCING STEEL SHALL BE INTERMEDIATE GRADE BILLET WITH DEFORMATIONS CONFORMING TO ASTM A–615–76A. ALL STEEL SHALL BE 1 1/2" CLEAR UNLESS OTHERWISE NOTED.
9. OIL/GREASE SKIMMER: 3/16" HIGH STRENGTH COMPOSITE "GLASKIMMER" AS MANUFACTURED BY ENVIRONMENTAL COMPOSITES INC. (904) 728–5535, OR 1/4" ALUMINUM, OR 3/16" STAINLESS STEEL. SKIMMER SHALL BE SECURED BY 3/8" STAINLESS STEEL EXPANSION ANCHORS 6" O.C. MINIMUM.
10. STAKEOUT POINT TO BE CENTER OF STRUCTURE. FIELD LOCATION TO FIT LAKE BANK OR FILL SLOPE MAY BE NECESSARY. LOCATION TO BE REVIEWED BY ENGINEER OR HIS REPRESENTATIVE.
11. PROVIDE MINIMUM 6" CLEARANCE UNDER SKIMMER.



PLAN



DETAIL "A"



2" x 2 1/2" x 3/8" THICK STEEL FRAME, ALL FOUR SIDES.

ANGLE FRAME DETAIL
NTS

DATA TABLE

STRUCTURE NUMBER	NORMAL WATER LEVEL	TOP GRATE EL.	BLEED–DOWN TYPE	(A) FL. EL. OF NOTCH/ORIFICE	(B) WIDTH OF NOTCH/ DIA OF ORIFICE	(C) FL. EL. WINDOW	(D) WIDTH OF WINDOW	(E) WIDTH OF WINDOW	(F) WIDTH OF WINDOW	(G) DIAMETER OF OUTFALL PIPE	(H) PIPE FL. EL.	(I) HEIGHT OF NOTCH
CS–1	11.00	~~14.02~~ *13.94*	ORIFICE	~~11.00~~ *10.98*	~~2.80"~~ *2.5"*	~~12.52~~ *12.54*	~~36"~~ *36"*	~~20.5"~~ *20.5"*	~~20.5"~~ *20.5"*	~~30"~~ *30"*	~~6.50~~ *6.46*	N/A
CS–2	15.50	~~17.43~~ *17.29*	ISOLATED NOTCH	~~15.50~~ *15.48*	~~6.44"~~ *6.48"*	N/A	~~0"~~ *0.00*	~~0"~~ *0.00*	~~0"~~ *0.00*	~~18"~~ *18"*	~~11.50~~ *11.50*	~~2.84"~~ *2.84"*
CS–3	17.00	~~19.13~~ *19.06*	NOTCH	N/A	N/A	~~17.00~~ *16.96*	~~31.67"~~ *31.8"*	~~0"~~ *0"*	~~0"~~ *0"*	~~30"~~ *30"*	~~12.50~~ *12.50*	N/A

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS RECORD DRAWING OF THE UTILITIES SHOWN, SUPERIMPOSED UPON THE DESIGN CONSTRUCTION PLANS DISTINGUISHED BY SLANT LETTERING ARE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, AND BASED ON OBSERVED IMPROVEMENTS TOGETHER WITH INFORMATION PROVIDED BY OTHERS, A TRUE AND CORRECT REPRESENTATION OF THE IMPROVEMENTS.

KING ENGINEERING ASSOCIATES, INC.
2940 UNIVERSITY PARKWAY
SARASOTA, FL 34243

JAMES D. GREER P.L.S. #5189

DATE OF FIELD WORK : 6/23/05 DATE OF CERTIFICATION :7/27/05

DRAWN: DMMD
CHECKED: DG
Q.C.:
COGO FILE: WIST–SO

King ENGINEERING ASSOCIATES, INC.
2940 UNIVERSITY PARKWAY
SARASOTA, FLORIDA 34243
PHONE 941 • 358 • 6500
FAX 941 • 358 • 6540
E–MAIL king@kingengineering.com

WISTERIA PARK
FOR
RESOURCE CONSERVATION OF MANATEE, L.L.C.
8210 LAKEWOOD RANCH BOULEVARD
BRADENTON, FLORIDA 34202
(941) 328-1040

RECORD DRAWING DETAILS AND CHARTS

NO.	DATE	REVISIONS	APP'D BY
1	06–23–05	REVISED WEIR ELEVATIONS	

JOB No. 8854–002–000
FIELD BOOK No. S110
DATE: 05/24/05
SCALE: N.T.S
SHT. 12 OF 33

4412-013

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SCALE: 1" = 20'

17th AVENUE NW

PROPERTY LINE

EX OVERHEAD ELECTRIC

4" PLUG
POSSIBLE FUTURE REUSE
CONNECTION POINT

LOT LINE (TYP)

EX GAS MAIN

EX TELE LINE

4" GATE VALVE

2" IRRIGATION SERVICE

72' RIGHT-OF-WAY

EX 6" WATER MAIN

VALLEY CURB CROSSING

TYPE "F" MODIFIED CURB

16' PVMT

2+00

1+00

EX TELE LINE

PROVIDE A TEMPORARY JUMPER/ BACKFLOW DEVICE (SIZE 2")

CONNECT TO EXISTING 16" WATER MAIN WITH 8" VALVE & TAPPING SLEEVE

EX 16" WATER MAIN

EX 6" WATER MAIN

RIGHT-OF-WAY

5' CURB TRANSITION

DIRECTIONAL BORE WATER MAIN BELOW EXISTING PAVEMENT OR USE OPEN ROAD CUT WITH ROAD RESTORATION. CONTRACTOR TO VERIFY EXISTING UTILITIES LOCATION PRIOR TO CONSTRUCTION.

EXISTING 6" FORCE MAIN
CONTRACTOR TO VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION

EXISTING 3" FORCE MAIN
CONTRACTOR TO VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION

8" PVC WATER MAIN

VALLEY CURB (TYP)

TYPE "F" CURB

MH #8
STA 2+41.73

3+00

8" PVC SANITARY SEWER

MH #7
STA 3+21.18

DOUBLE SEWER SERVICE (TYP)

8" PVC SANITARY SEWER

24" RCP

4" PVC IRRIGATION MAIN

6" PVC WATER MAIN

24" PVMT (TYP)

5' CURB TRANSITION

STR #29

STR #30

4"x4" TEE

6" GATE VALVE

8" GATE VALVE

8"x8"x6" TEE

STR #31

WATER SERVICE (TYP)

10' UTILITY EASEMENT

4+00

50' RIGHT-OF-WAY (TYP)

24' PVMT (TYP)

30" RCP

STR #33

5+00

2" PVC CASING (TYP)

24" RCP

STR #32

WATER SERVICE (TYP)

5' CONCRETE SIDEWALK

4" PVC IRRIGATION MAIN

LOT LINE (TYP)

10' UTILITY EASEMENT

CONFLICT

IRRIGATION LINE TO DIP BELOW STORM SEWER WITH A MINIMUM OF 18" SEPARATION BETWEEN BOTTOM OF STORM SEWER AND TOP OF IRRIGATION MAIN WHERE CONFLICT

6+00

18" RCP

5' CURB TRANSITION

TYPE "F" CURB

4"x4" TEE

4" GATE VALVE

STR #73

7+00

MH #6
STA 6+55.18

8" PVC WATER MAIN

8" GATE VALVE

8"x8"x8" TEE

8" PVC SANITARY SEWER

DOUBLE SEWER SERVICE (TYP)

IRRIGATION SERVICE (TYP)

WATER SERVICE (TYP)

MATCH LINE STA 7+00
SEE SHEET #14

SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

EXISTING 6" WATER MAIN
CONTRACTOR TO VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION

PVI STA = 1+14.98
PVI ELEV = 19.10

PVI STA = 1+40.39
PVI ELEV = 20.90

PVI STA = 2+21.89
PVI ELEV = 20.65

MH #8
RIM ELEV = 20.55
INV OUT = 14.00

MH #7
RIM ELEV = 20.13
INV IN = 13.80 S
INV IN = 13.28 W
INV OUT = 12.68 N

PVI STA = 3+35.84
PVI ELEV = 20.05

PVI STA = 3+72.51
PVI ELEV = 20.16

PVI STA = 4+90.29
PVI ELEV = 19.80

MH #6
RIM ELEV = 20.29
INV IN = 11.21 W
INV IN = 11.11 S
INV OUT = 11.11 N

-0.31%
1.06%
-0.53%
0.30%
-0.31%
0.30%

PROPOSED ? GRADE
EXISTING GROUND

EXISTING
6" FORCE MAIN
EXISTING
3" FORCE MAIN

18" MIN.

24" RCP
6" WATER MAIN
30" RCP

18" MIN CLEARANCE

8" PVC (DR-18) WATER MAIN

79 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.40%

334 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.44%

77 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.42%

PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF EXISTING UTILITIES AND TOP OF WATER MAIN USING (4) 45° M.J. ELBOWS WITH RESTRAINED JOINTS

CONNECT TO EXISTING 16" PVC WATER MAIN WITH TAPPING SLEEVE AND VALVE

NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF 30" STORM SEWER AND TOP OF WATER MAIN USING (4) 45° M.J. ELBOWS WITH RESTRAINED JOINTS

PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF 30" STORM SEWER AND TOP OF WATER MAIN USING (4) 45° M.J. ELBOWS WITH RESTRAINED JOINTS

MATCH LINE

19.4 19.3 | 19.4 | 19.3 19.46 | 19.8 20.87 | 21.7 20.84 | 19.9 20.78 | 19.8 20.72 | 19.6 20.66 | 19.4 20.55 | 19.3 20.45 | 19.4 20.34 | 19.5 20.24 | 19.5 20.13 | 19.5 20.06 | 19.5 20.12 | 19.4 20.14 | 19.4 20.08 | 19.4 20.01 | 19.4 19.95 | 19.4 19.89 | 19.4 19.83 | 19.5 19.83 | 19.4 19.89 | 19.4 19.95 | 19.3 20.01 | 19.3 20.07 | 19.2 20.13 | 19.1 20.19 | 19.2 20.25 | 19.2 20.31 | 19.3 20.37 | 19.4

1+00 2+00 3+00 4+00 5+00 6+00 6+80

REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01, 04265-002P01
PROJECT NUMBER: 04256-001-000

TITLE: PLAN AND PROFILE
STA 1+00 TO STA 7+00

INDEX NUMBER: 04265-001-000013
SHEET NUMBER: 13 OF 33

4472.014

LAKE #3
STR #57
30" RCP
4" PVC IRRIGATION MAIN
8" PVC WATER MAIN
2" IRRIGATION SERVICE
4" GATE VALVE
4"x4" TEE
5' CONCRETE SIDEWALK
10' UTILITY EASEMENT
TYPE "F" CURB
5' CURB TRANSITION
4" GATE VALVE
STR #58
R27'
24' PVMT (TYP)
50' RIGHT-OF-WAY (TYP)
MH #18
STA 8+71.21
9+00
10+00
11+00
12+00
13+00
8" PVC SANITARY SEWER
VALLEY CURB (TYP)
TYPE "F" CURB (TYP)
3" PVC CASING (TYP)
18" RCP
6" PVC WATER MAIN
4" GATE VALVE
4"x4" TEE
8" GATE VALVE
8"x8"x8" TEE
FIRE HYDRANT ASSEMBLY
8"x8"x6" TEE
6" GATE VALVE
STR #59
WATER SERVICE (TYP)
DOUBLE SEWER SERVICE
LOT LINE (TYP)
MH #4
STA 8+09.82
MH #3
STA 7+32.90
8" GATE VALVE
8"x8"x6" TEE
6" GATE VALVE
8" PVC SANITARY SEWER
FIRE HYDRANT ASSEMBLY
MH #19
STA 12+45.62
STR #56
STR #55
STR #54
15" RCP
SINGLE SEWER SERVICE
IRRIGATION SERVICE (TYP)
5' CURB TRANSITION
10' UTILITY EASEMENT
8" PVC WATER MAIN
6" WATER MAIN
MATCH LINE STA 7+00
SEE SHEET #13
MATCH LINE STA 13+00
SEE SHEET #15
SCALE: 1" = 20'

SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

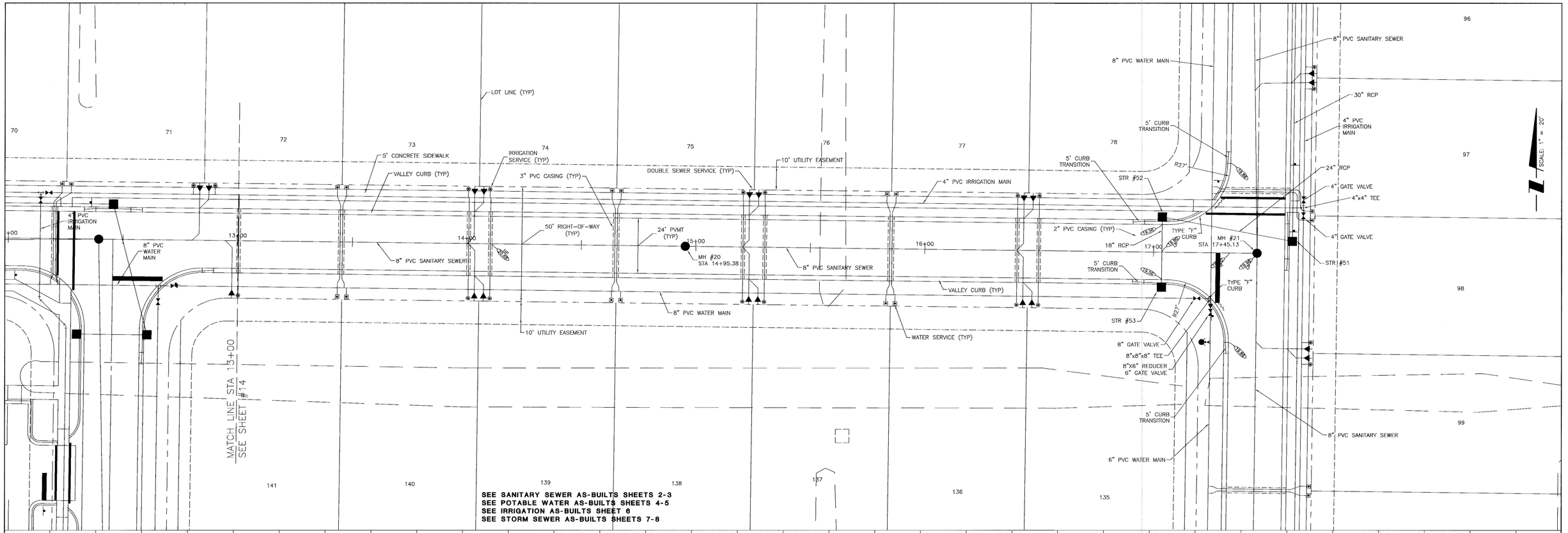
MH #5
RIM ELEV = 20.53
INV IN = 10.79 S
INV OUT = 10.69 NE
PVI STA = 7+57.44
PVI ELEV = 20.60
MH #4
RIM ELEV = 20.44
INV IN = 10.37 SW
INV IN = 9.91 NE
INV OUT = 9.81 NW
MH #18
RIM ELEV = 20.26
INV IN = 9.47 SW
INV OUT = 9.37 SW
PVI STA = 10+24.54
PVI ELEV = 19.80
PVI STA = 10+98.62
PVI ELEV = 20.62
MH #19
RIM ELEV = 20.20
INV IN = 12.26 S
INV IN = 11.11 E
INV OUT = 11.01 W
PVI STA = 12+45.62
PVI ELEV = 20.18
-0.30%
1.11%
-0.30%
PROPOSED ? GRADE
EXISTING GROUND
4" PVC IRRIGATION MAIN
8" PVC (DR-18) WATER MAIN
30" RCP
PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF STORM SEWER AND TOP OF WATER MAIN USING (4) 45° M.J. ELBOWS WITH RESTRAINED JOINTS
4" IRRIGATION MAIN
18" MIN
18" RCP
NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.
77 LF 8" PVC (SDR-26) SANITARY SEWER @ 0.42%
61 LF 8" PVC (SDR-26) SANITARY SEWER @ 0.43%
368 LF 8" PVC (SDR-26) SANITARY SEWER @ 0.42%
MATCH LINE
MATCH LINE
7+00
8+00
9+00
10+00
11+00
12+00
13+00

REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

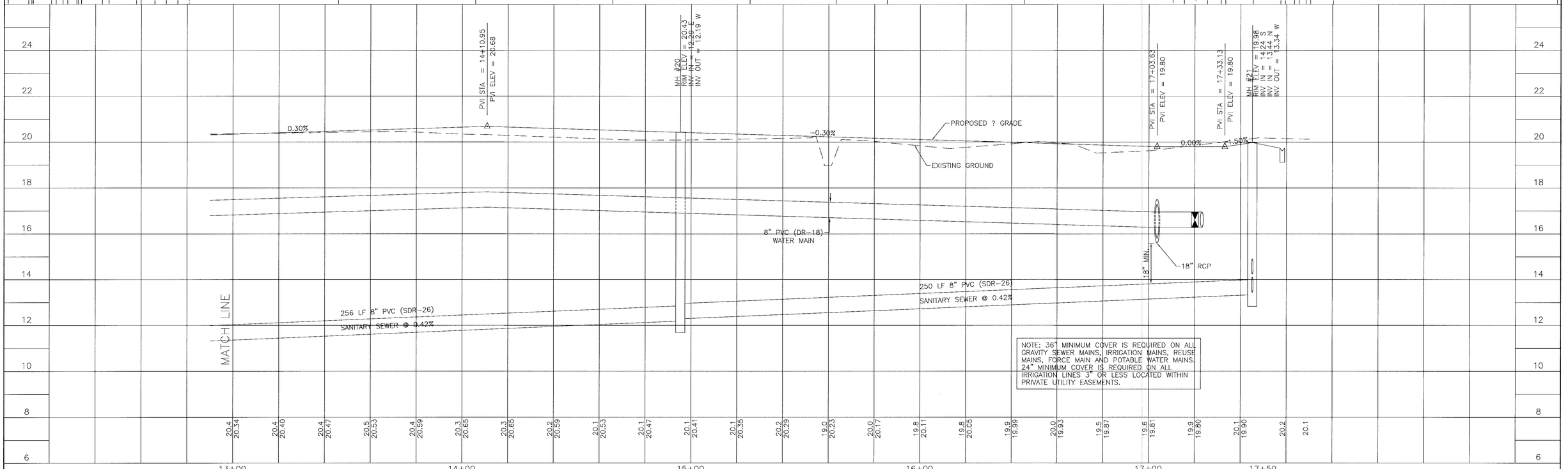
ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.
PROJECT: WISTERIA PARK
DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04256-001-000
TITLE: PLAN AND PROFILE
STA 7+00 TO STA 13+00
INDEX NUMBER: 04265-001-000014
SHEET NUMBER: 14 OF 33

4412.015



SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8



NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E

TITLE: PLAN AND PROFILE
STA 13+00 TO STA 17+50

CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04256-001-000

INDEX NUMBER: 04265-001-000015
SHEET NUMBER: 15 OF 33

4412.016

DIRECTIONAL BORE WATER MAIN BELOW EXISTING PAVEMENT OR USE OPEN ROAD CUT WITH ROAD RESTORATION CONTRACTOR TO VERIFY EXISTING UTILITIES LOCATION PRIOR TO CONSTRUCTION

POSSIBLE CONFLICT BETWEEN WATER MAIN AND EXISTING 4" FORCE MAIN. DEFLECT FORCE MAIN BELOW WATER MAIN IF REQUIRED. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

LAKE #4

SCALE: 1" = 20'

PROPERTY LINE

EXISTING 4" FORCE MAIN

TO 6" MAIN

8"x6" REDUCER

6" GATE VALVE

EXISTING 6" PVC WATER MAIN

8" PVC WATER MAIN

TYPE "F" MODIFIED CURB

16' PVMT

1+00

2+00

3+00

72' RIGHT-OF-WAY

TYPE "F" CURB

21st AVENUE NW

EXISTING 4" FORCE MAIN

30" RCP

EX OVERHEAD ELECTRIC

STR #44

30" RCP

STR #43

4+00

30" RCP

STR #42

STR #41

30" RCP

10' UTILITY EASEMENT

8" PVC SANITARY SEWER

70

LOT LINE (TYP)

FIRE HYDRANT ASSEMBLY

8" PVC WATER MAIN

30" RCP

5' CURB TRANSITION

4" PVC IRRIGATION MAIN

8" PVC WATER MAIN

8" GATE VALVE

8"x8"x8" TEE

TYPE "F" CURB

8" GATE VALVE

24' PVMT

50' RIGHT-OF-WAY

5+00

6+00

5' CONCRETE SIDEWALK

2" IRRIGATION SERVICE

8" PVC WATER MAIN

10' UTILITY EASEMENT

SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

LAKE #3

PVI STA = 1+13.69
PVI ELEV = 17.70

PVI STA = 1+57.23
PVI ELEV = 20.72

PVI STA = 2+97.76
PVI ELEV = 20.36

PVI STA = 3+95.99
PVI ELEV = 19.83

PVI STA = 6+38.91
PVI ELEV = 20.64

PVI STA = 6+65.91
PVI ELEV = 20.44

6.94%

-0.30%

-0.48%

PROPOSED ? GRADE

EXISTING GROUND

0.33%

-0.74%

1.50%

8" PVC (DR-18) WATER MAIN

8" PVC (DR-18) WATER MAIN

EXISTING 4" FORCE MAIN CONTRACTOR TO VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION

18" MIN

18" MIN CLEARANCE

30" RCP

RELOCATE EXISTING FORCE MAIN TO PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF WATER MAIN AND TOP OF FORCE MAIN IF REQUIRED

CONNECT TO EXISTING 6" PVC WATER MAIN WITH 6"x6" CUT-IN TEE, 6" VALVE AND 8"X6" REDUCER

30" RCP

PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF STORM SEWER AND TOP OF WATER MAIN USING (4) 45° M.J. ELBOWS WITH RESTRAINED JOINTS

18" MIN CLEARANCE

18" MIN CLEARANCE

4" IRRIGATION MAIN

8" PVC SANITARY SEWER

30" RCP

NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

				ACTIVITY	INITIALS/EMP. NO.	DATE	
				DESIGNED BY:	MER/1187	01/04	
				DRAWN BY:	JML/1726	01/04	
REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536		CHECKED BY:			
REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536		CONTRACT ADMIN. BY:			
REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:			

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 15E

TITLE: PLAN AND PROFILE
STA 1+00 TO STA 7+00

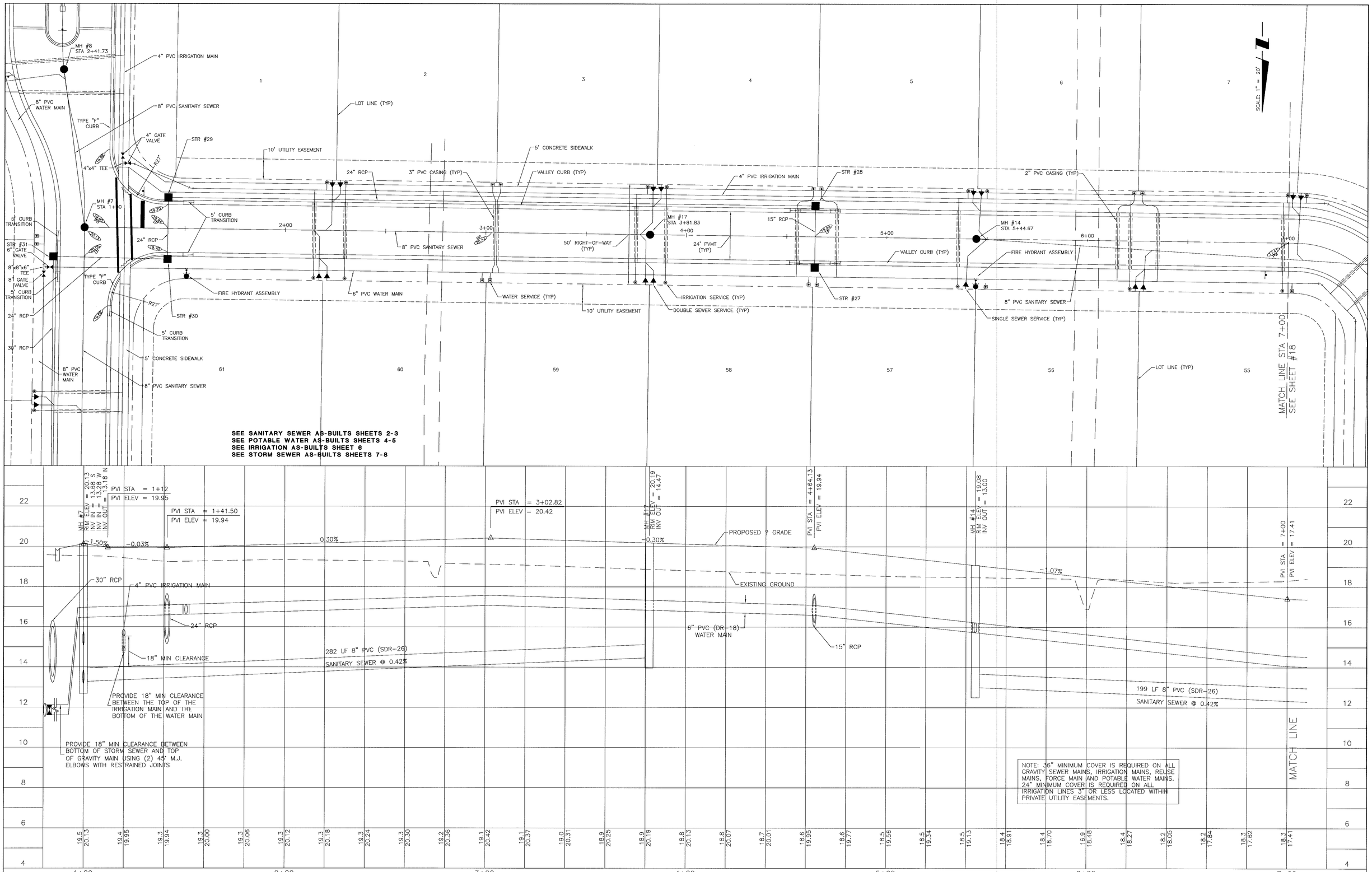
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01

PROJECT NUMBER: 04256-001-000

INDEX NUMBER: 04265-001-000016

SHEET NUMBER: 16 OF 33

4412.017



SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

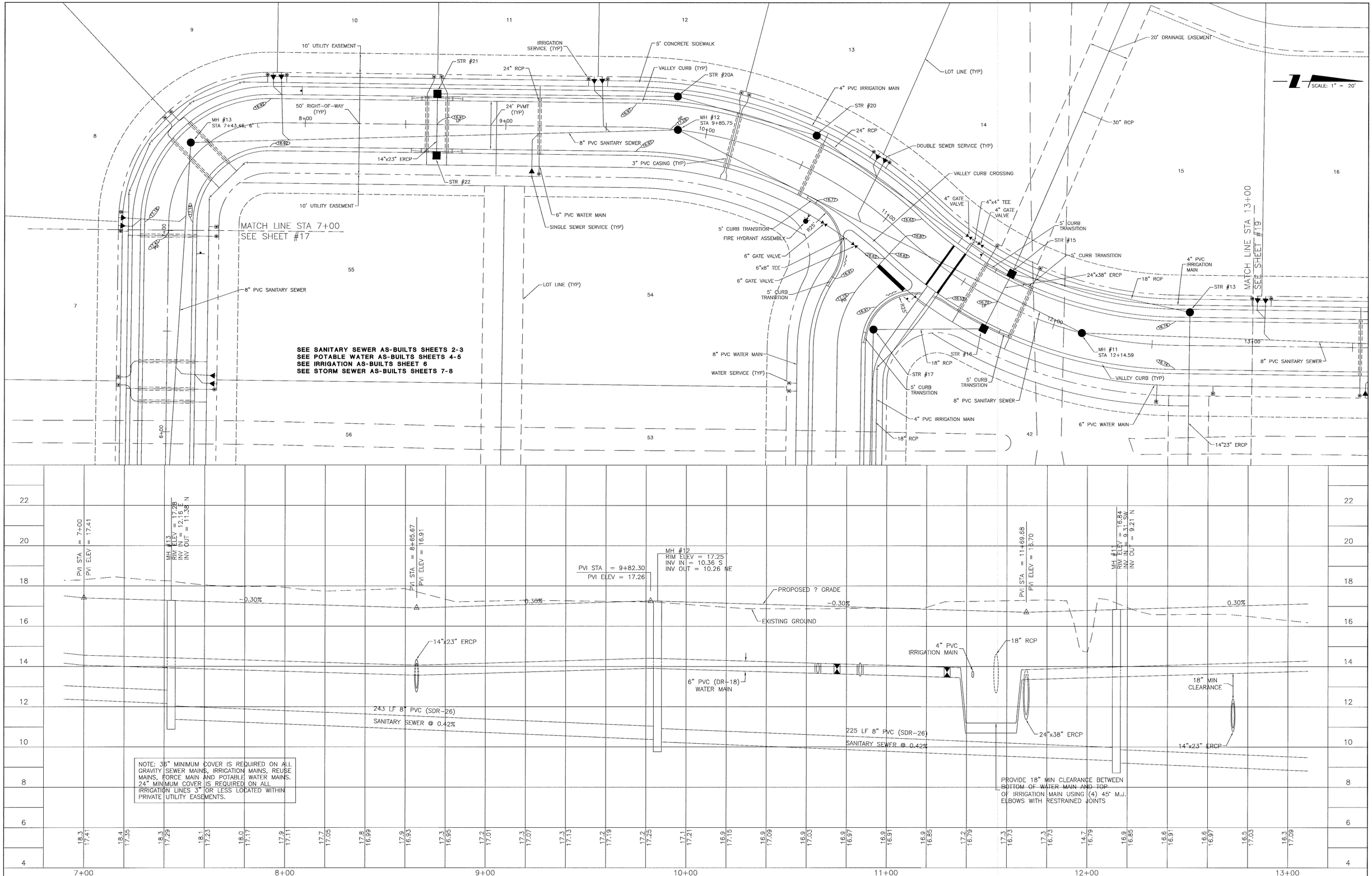
PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04256-001-000

TITLE: PLAN AND PROFILE
STA 1+00 TO STA 7+00

INDEX NUMBER: 04265-001-000017
SHEET NUMBER: 17 OF 33

4/12.018



SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04256-001-000

TITLE: PLAN AND PROFILE
STA 7+00 TO STA 13+00

INDEX NUMBER: 04265-001-000018
SHEET NUMBER: 18 OF 33

4412.019

SCALE: 1" = 20'

SEE SHEET #18
MATCH LINE STA 13+00

SCALE: 1" = 20'

MATCH LINE STA 19+00
SEE SHEET #20

16 17 18 19 20 21 22 23 24

LOT LINE (TYP)

10' UTILITY EASEMENT

5' CONCRETE SIDEWALK

DOUBLE SEWER SERVICE (TYP)

4" PVC IRRIGATION MAIN

SINGLE SEWER SERVICE (TYP)

30" RCP

STR #3

VALLEY CURB (TYP)

24' PVMT

15" RCP

MH #10
STA 15+79.01, 6' L

3" PVC CASING (TYP)

6" PVC WATER MAIN

50' RIGHT-OF-WAY

8" PVC SANITARY SEWER

IRRIGATION SERVICE (TYP)

WATER SERVICE (TYP)

STR #4

MATCH LINE

30' UTILITY EASEMENT

8" PVC SANITARY SEWER
(SEE SHEET 30 FOR CONTINUATION)

SINGLE SEWER SERVICE (TYP)

24" RCP

MH #2A
STA 16+37.36, 8' R
(LINED, SEE DETAIL
SHEET 32)

WATER SERVICE (TYP)

STR #5

8" PVC SANITARY SEWER

3" PVC CASING (TYP)

STR #6

FIRE HYDRANT ASSEMBLY

6" GATE VALVE

IRRIGATION SERVICE (TYP)

DOUBLE SEWER SERVICE (TYP)

MH #2B
STA 18+66.05

13+00 14+00 15+00 16+00 17+00 18+00 19+00

41 40 39 39 38 37 36

SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

PVI STA = 13+78.83
PVI ELEV = 17.33

MH #10
RIM ELEV = 16.61
INV IN = 7.67 S
INV OUT = 7.57 E

PVI STA = 15+87.99
PVI ELEV = 16.70

MH #2A (LINED)
RIM ELEV = 16.69
INV IN = 6.85 W
INV IN = 5.05 E
INV OUT = 4.95 N

PVI STA = 16+89.06
PVI ELEV = 17.00

PVI STA = 17+90.13
PVI ELEV = 16.70

MH #2B
RIM ELEV = 17.08
INV IN = 6.11 E
INV OUT = 6.01 W

-0.30%

0.30%

-0.30%

PROPOSED ? GRADE

EXISTING GROUND

15" RCP

24" RCP

6" PVC (DR-18)
WATER MAIN

18" RCP

MATCH LINE

366 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.42%

57 LF 8" PVC (SDR-26)
SANITARY SEWER @ 1.27%

229 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.42%

MATCH LINE

NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

					ACTIVITY	INITIALS/EMP. NO.	DATE
					DESIGNED BY:	MER/1187	01/04
					DRAWN BY:	JML/1726	01/04
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536		CHECKED BY:		
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536		CONTRACT ADMIN. BY:		
△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

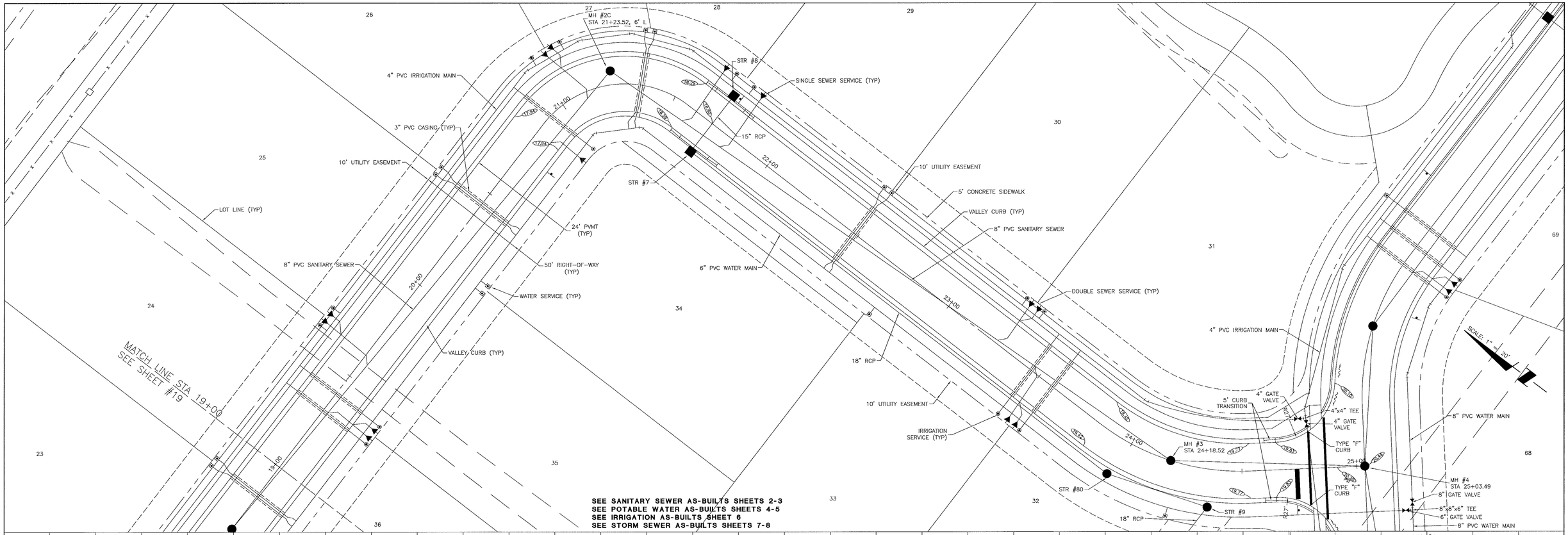
PROJECT: WISTERIA PARK

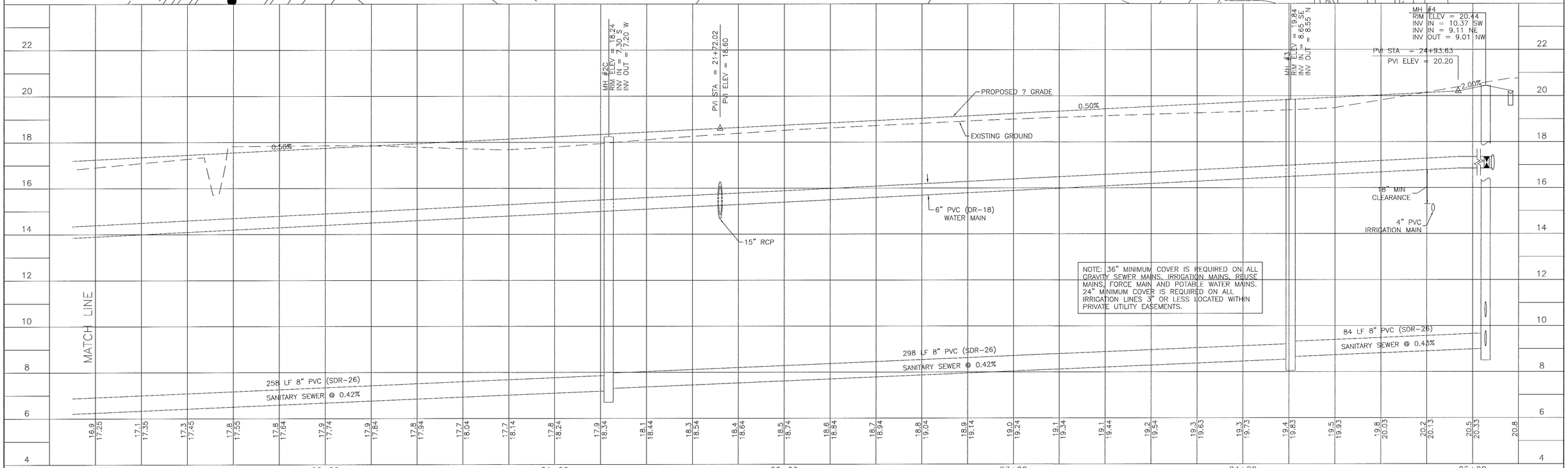
DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'

TITLE: PLAN AND PROFILE
STA 13+00 TO STA 19+00

SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04256-001-000
INDEX NUMBER: 04265-001-000019
SHEET NUMBER: 19 OF 33

4/4/12. 020





REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

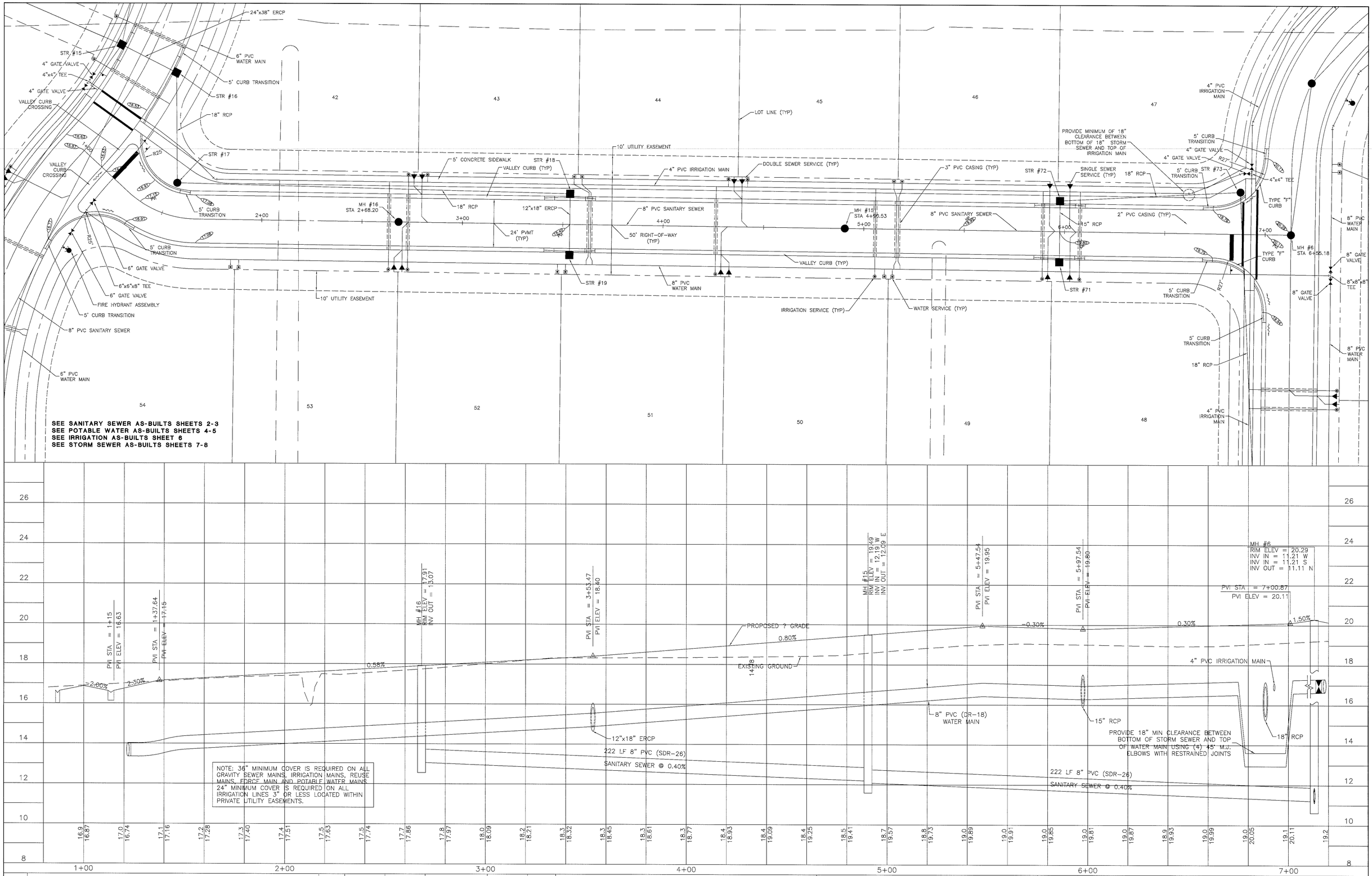
CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E

TITLE: PLAN AND PROFILE
STA 19+00 TO STA 25+00

CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04265-001-000
INDEX NUMBER: 04265-001-000020
SHEET NUMBER: 20 OF 33



REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

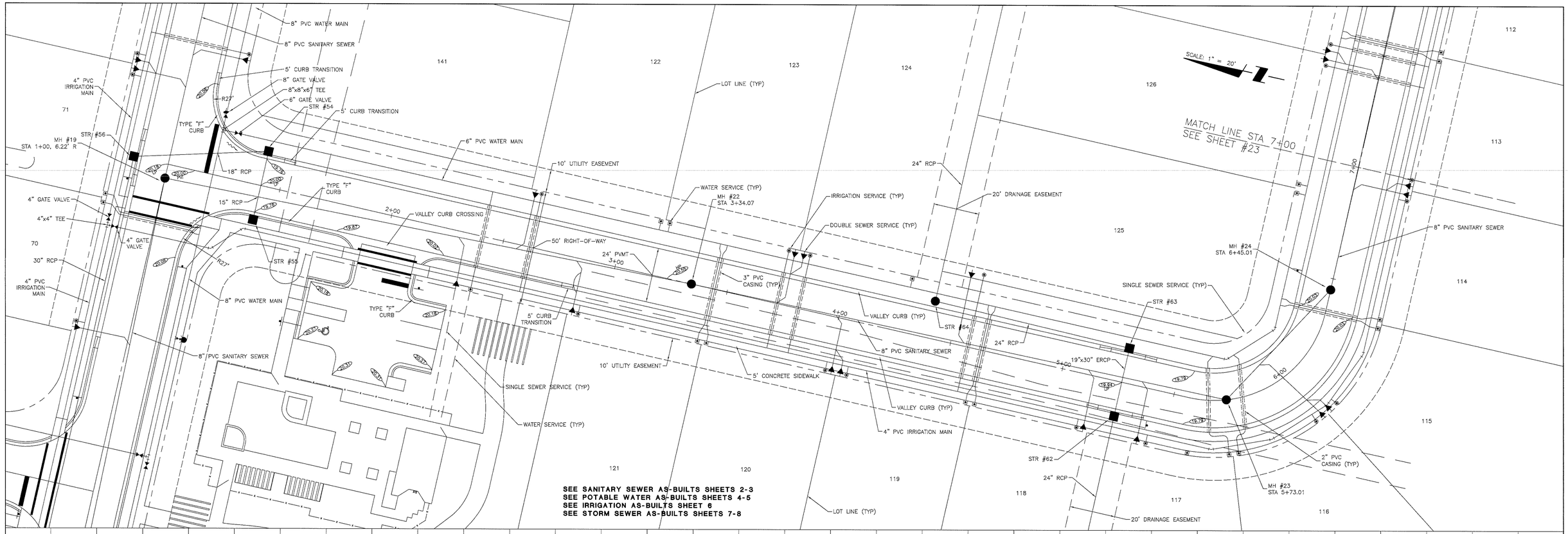
PROJECT: WISTERIA PARK

DATE: JAN. 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04265-001-000

TITLE: PLAN AND PROFILE
STA 1+00 TO STA 7+00

INDEX NUMBER: 04265-001-000021
SHEET NUMBER: 21 OF 33

4/12.022



REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

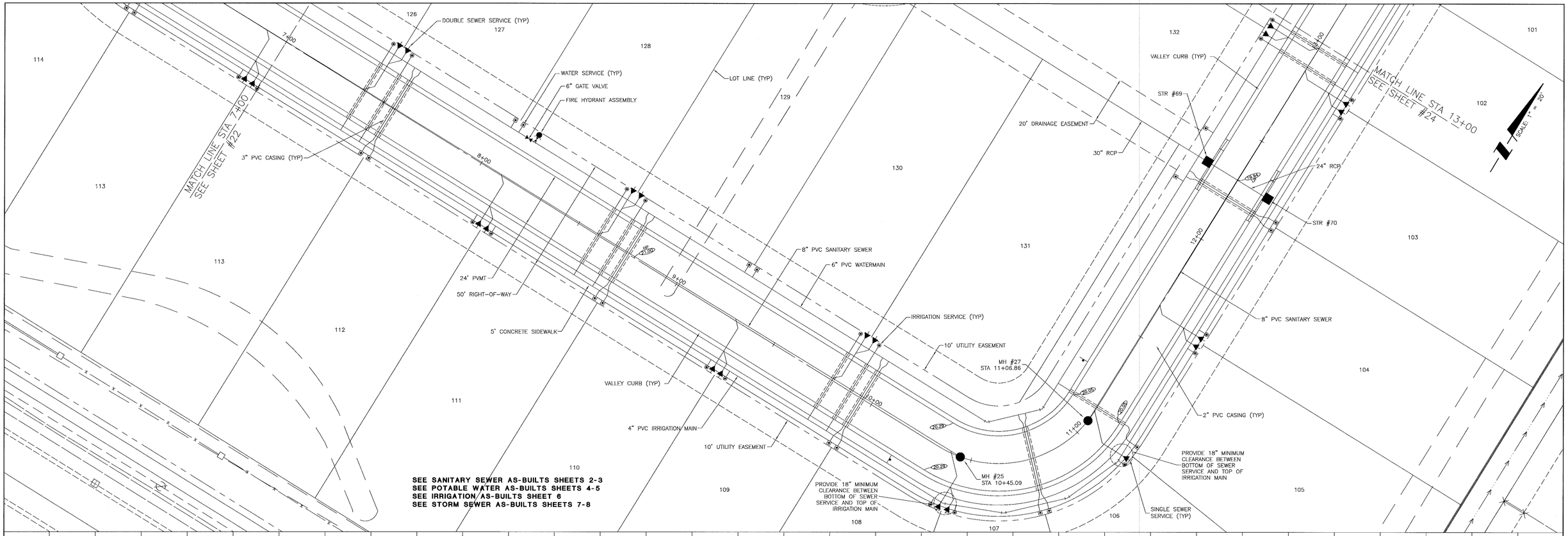
PROJECT: WISTERIA PARK

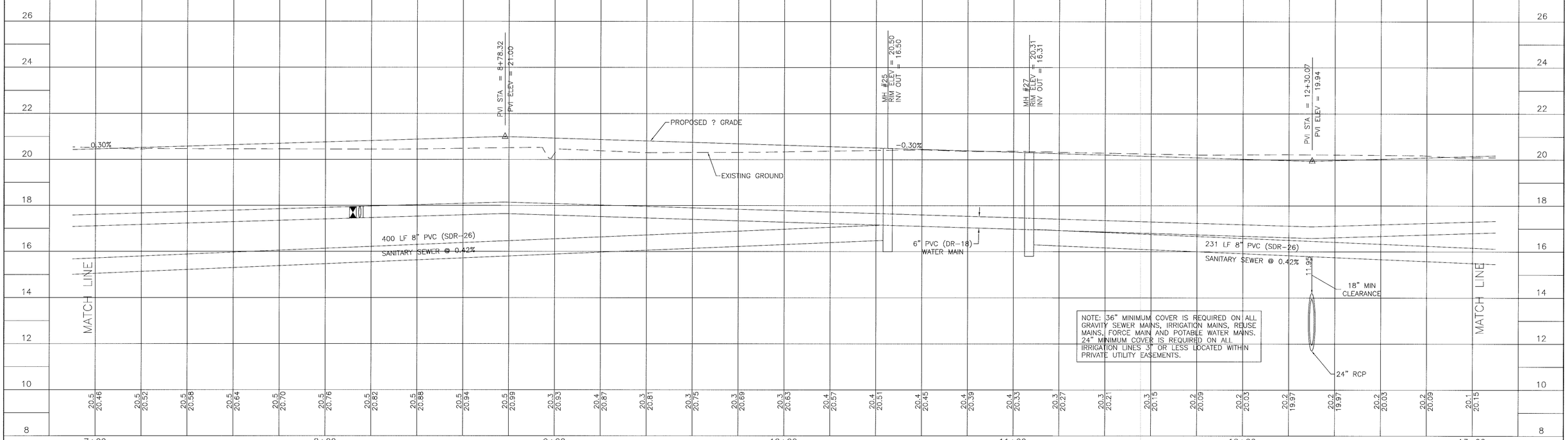
DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04265-001-000

TITLE: PLAN AND PROFILE
STA 1+00 TO STA 7+00

INDEX NUMBER: 04265-001-000022
SHEET NUMBER: 22 OF 33

4/12.023





REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01
PROJECT NUMBER: 04265-001-000

TITLE: PLAN AND PROFILE
STA 7+00 TO STA 13+00

INDEX NUMBER: 04265-001-000023
SHEET NUMBER: 23 OF 33

4412.024

SCALE: 1" = 20'

MATCH LINE STA 13+00
SEE SHEET #23

MATCH LINE STA 19+00
SEE SHEET #25

LOT LINE (TYP)

8" PVC WATER MAIN

4" PVC IRRIGATION MAIN

STR #53

STR #52

8" GATE VALVE

8"x8"x8" TEE

8"x6" REDUCER

6" GATE VALVE

6" PVC WATER MAIN

FIRE HYDRANT ASSEMBLY

18" RCP

24" RCP

30" RCP

10' UTILITY EASEMENT

5' CURB TRANSITION

VALLEY CURB (TYP)

TYPE "F" CURB

3" PVC CASING (TYP)

2" PVC CASING (TYP)

24' PVMT (TYP)

50' RIGHT-OF-WAY (TYP)

8" PVC SANITARY SEWER

15" RCP

STR #49

STR #48

STR #50

MH #26
STA 13+38.21

MH #21
STA 15+69.54

MH #28
STA 18+92.81, 9' R

4" PVC IRRIGATION MAIN

SINGLE SEWER SERVICE (TYP)

WATER SERVICE (TYP)

DOUBLE SEWER SERVICE (TYP)

STR #51

4" GATE VALVE

4"x4" TEE

IRRIGATION SERVICE (TYP)

5' CONCRETE SIDEWALK

WATER SERVICE (TYP)

DOUBLE SEWER SERVICE (TYP)

13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00

132 133 134 135 136 77 78 79 80

102 101 100 99 98 97 96 95 94 93 92

SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

MH #26
RIM ELEV = 26.27
INV IN = 15.54 S
INV OUT = 15.24 N

PVI STA = 14+04.39
PVI ELEV = 20.47

MH #21
RIM ELEV = 19.98
INV IN = 14.24 S
INV IN = 13.44 N
INV OUT = 13.34 W

PVI STA = 15+69.54
PVI ELEV = 19.98

PVI STA = 16+66.14
PVI ELEV = 20.28

PVI STA = 18+26.14
PVI ELEV = 19.80

MH #28
RIM ELEV = 19.82
INV IN = 14.36 W
INV OUT = 14.26 S

0.30% -0.30% 0.31% -0.30%

PROPOSED ? GRADE

EXISTING GROUND

6" PVC (DR-18) WATER MAIN

231 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.43%

8" PVC (DR-18) WATER MAIN

18" MIN

4"PVC IRRIGATION MAIN

8" PVC (DR-18) WATER MAIN

326 LF 8" PVC (SDR-26)
SANITARY SEWER @ 0.44%

18" MIN

15" MIN

18" RCP

19"x30" ERCP

30" RCP

MATCH LINE

MATCH LINE

NOTE: 36" MINIMUM COVER IS REQUIRED ON ALL GRAVITY SEWER MAINS, IRRIGATION MAINS, REUSE MAINS, FORCE MAIN AND POTABLE WATER MAINS. 24" MINIMUM COVER IS REQUIRED ON ALL IRRIGATION LINES 3" OR LESS LOCATED WITHIN PRIVATE UTILITY EASEMENTS.

20.1 20.15 | 20.1 20.21 | 20.1 20.27 | 20.1 20.34 | 20.0 20.40 | 20.0 20.46 | 20.0 20.42 | 20.1 20.36 | 20.1 20.31 | 20.2 20.25 | 20.2 20.19 | 20.5 20.13 | 20.4 20.07 | 20.2 20.01 | 20.1 20.01 | 19.9 20.07 | 19.8 20.14 | 19.6 20.20 | 19.6 20.26 | 19.6 20.24 | 19.7 20.18 | 19.7 20.12 | 19.6 20.06 | 19.5 20.00 | 19.4 19.94 | 19.3 19.88 | 19.3 19.82 | 19.2 19.84 | 19.2 19.90 | 19.2 19.96 | 19.2 20.02

26 24 22 20 18 16 14 12 10 8

13+00 14+00 15+00 16+00 17+00 18+00 19+00

REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E

TITLE: PLAN AND PROFILE
STA 13+00 TO STA 19+00

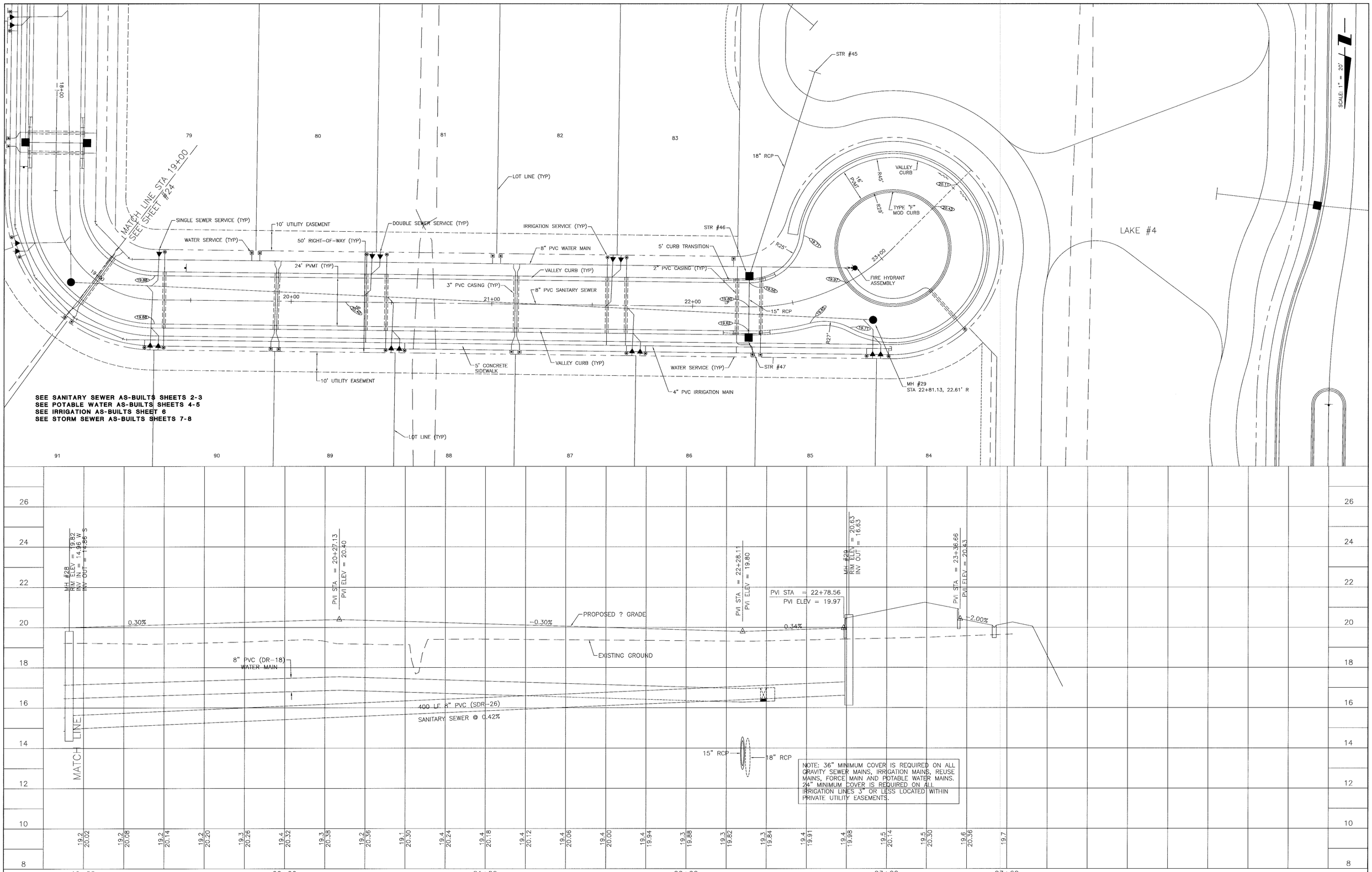
CROSS REFERENCE FILE NO.: 04265-002M01, 04265-002P01

PROJECT NUMBER: 04265-001-000

INDEX NUMBER: 04265-001-000024

SHEET NUMBER: 24 OF 33

4/12/2025



△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	01/04
DRAWN BY:	JML/1726	01/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: JAN 2004
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'
SEC: 24 TWP: 34S RGE: 16E

TITLE: PLAN AND PROFILE
STA 19+00 TO STA 23+60

CROSS REFERENCE FILE NO.: 04265-002M01,04265-002P01

PROJECT NUMBER: 04265-001-000

INDEX NUMBER: 04265-001-000025

SHEET NUMBER: 25 OF 33

4/12.026

90TH ST NW

89TH ST NW

88TH ST CT NW

87TH ST NW (PRIVATE)

SCALE: 1" = 40'

EXISTING 4" FORCE MAIN

CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO CONSTRUCTION

PROPERTY BOUNDARY

RELOCATE EXISTING FPL POWER POLE

RELOCATE EXISTING FPL POWER POLE

EXIST 6" WATER MAIN

EXIST 6" WATER MAIN

1" WATER SERVICE

35' RIGHT-OF-WAY TO BE DEDICATED

PLUG VALVE

CONNECT TO EXISTING 4" FORCE MAIN WITH CUT IN 4" WYE

EXIST 4" FORCE MAIN

8" PVC WATER MAIN

STR #78

EXIST OVERHEAD ELECTRIC

STR #77

4" PLUG VALVE

42.72' UTILITY EASEMENT

4" PVC FORCE MAIN

21ST AVENUE NW

EXIST SWALE

40' DRAINAGE EASEMENT

STR #36

STR #35

30" RCP STORM PIPE

STR #37

0+00 1+00 2+00 5' MIN 3+00 4+00 5+00 6+00

8" PVC SAN SEWER

MH #1

CONCRETE COLUMN (TYP)

FENCE SECTION (TYP)

20' UTILITY EASEMENT

AIR RELEASE VALVE

LIFT STATION

8" PVC SAN SEWER (SEE INSET BELOW FOR PROFILE OF SANITARY SEWER FROM MH #2A TO MH #1)

ROAD B

SEE SANITARY SEWER AS-BUILTS SHEETS 2-3
SEE POTABLE WATER AS-BUILTS SHEETS 4-5
SEE IRRIGATION AS-BUILTS SHEET 6
SEE STORM SEWER AS-BUILTS SHEETS 7-8

MH #2A

MH #2A (LINED)
RIM ELEV = 16.69
INV IN = 6.85 W
INV IN = 5.05 E
INV OUT = 4.95 N

MH #1 (LINED)
RIM ELEV = 17.70
INV IN = 4.25 S
INV OUT = 4.15 E

PROPOSED GRADE

EXISTING GROUND

6" PVC WATER MAIN

24" RCP

166 LF 8" PVC SANITARY SEWER @ 0.42%

LIFT STATION
RIM ELEV = 15.00
INV N = 3.67

MH #1 (LINED)
RIM ELEV = 17.70
INV IN = 4.25 S
INV OUT = 4.15 E

4" PLUG VALVE

114 LF 8" PVC (DR-14) SANITARY SEWER @ 0.42%

PROPOSED GRADE

CONNECT TO EXISTING 4" FORCE MAIN WITH CUT IN 4" WYE

EXISTING GROUND

EXISTING 4" FORCE MAIN

4" PVC (DR-18) FORCE MAIN

AIR RELASE VALVE

(2) 4" 45° BENDS

(2) 4" 45° BENDS

PLUG VALVE

30" RCP

PROVIDE 18" MIN CLEARANCE BETWEEN BOTTOM OF STORM SEWER AND TOP OF FORCE MAIN USING (4) 45° M.J. ELBOWS WITH RESTRAINED JOINTS

NOTE: DUE TO FORCE MAIN REVISION THERE IS NO LONGER A SHEET 31 IN THIS SET.

0+00 0+80 1+60 2+40 3+20 4+00 4+80 5+60 6+40 7+20 8+00 8+80 9+60 10+40 11+20 12+00 12+40

REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	
C	ADD PROFILE INSET	6/23/04	RJL/1408	

	INITIALS/EMP. NO.	DATE
ACTIVITY		
DESIGNED BY:	MER/1187	6/04
DRAWN BY:	RJL/1408	6/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

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CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

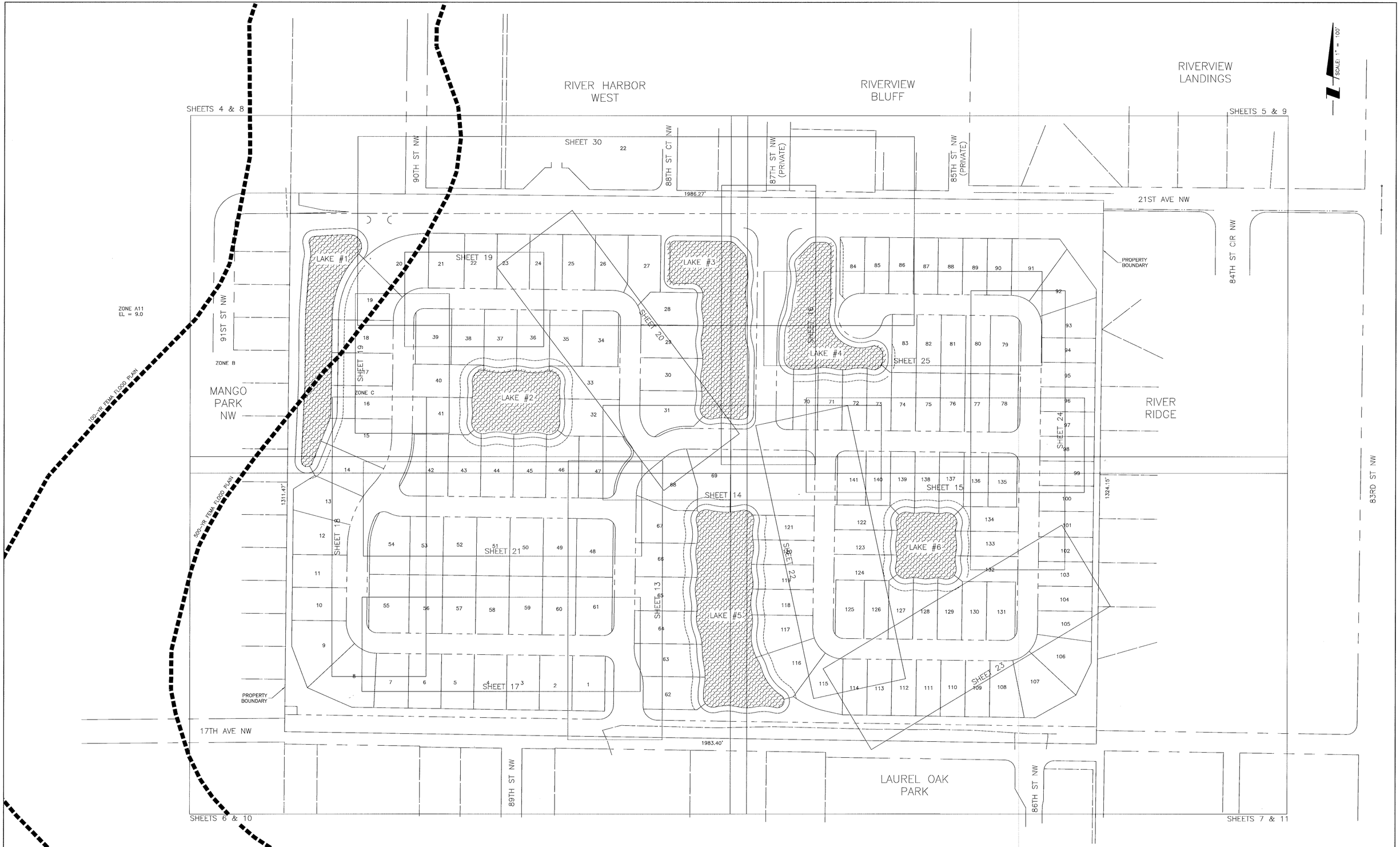
PROJECT: WISTERIA PARK

DATE: 6/04
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"= 4'
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-002M01
PROJECT NUMBER: 04265-001-000

TITLE: PLAN AND PROFILE
4" FORCE MAIN ALONG 21ST AVE NW
STA 0+00 – 12+40

INDEX NUMBER: D-04265-001-000030
SHEET NUMBER: 26 OF 33

4412.027



					ACTIVITY	INITIALS/EMP. NO.	DATE
					DESIGNED BY:		
					DRAWN BY:	JML/1726	12/03
					CHECKED BY:		
					CONTRACT ADMIN. BY:		
△REV NO.	REVISION		DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: 12/03
HORIZONTAL SCALE: 1"=100'
VERTICAL SCALE: --
SEC: 24 TWP: 34S RGE: 16E

TITLE: MASTER SITE PLAN AND KEY SHEET

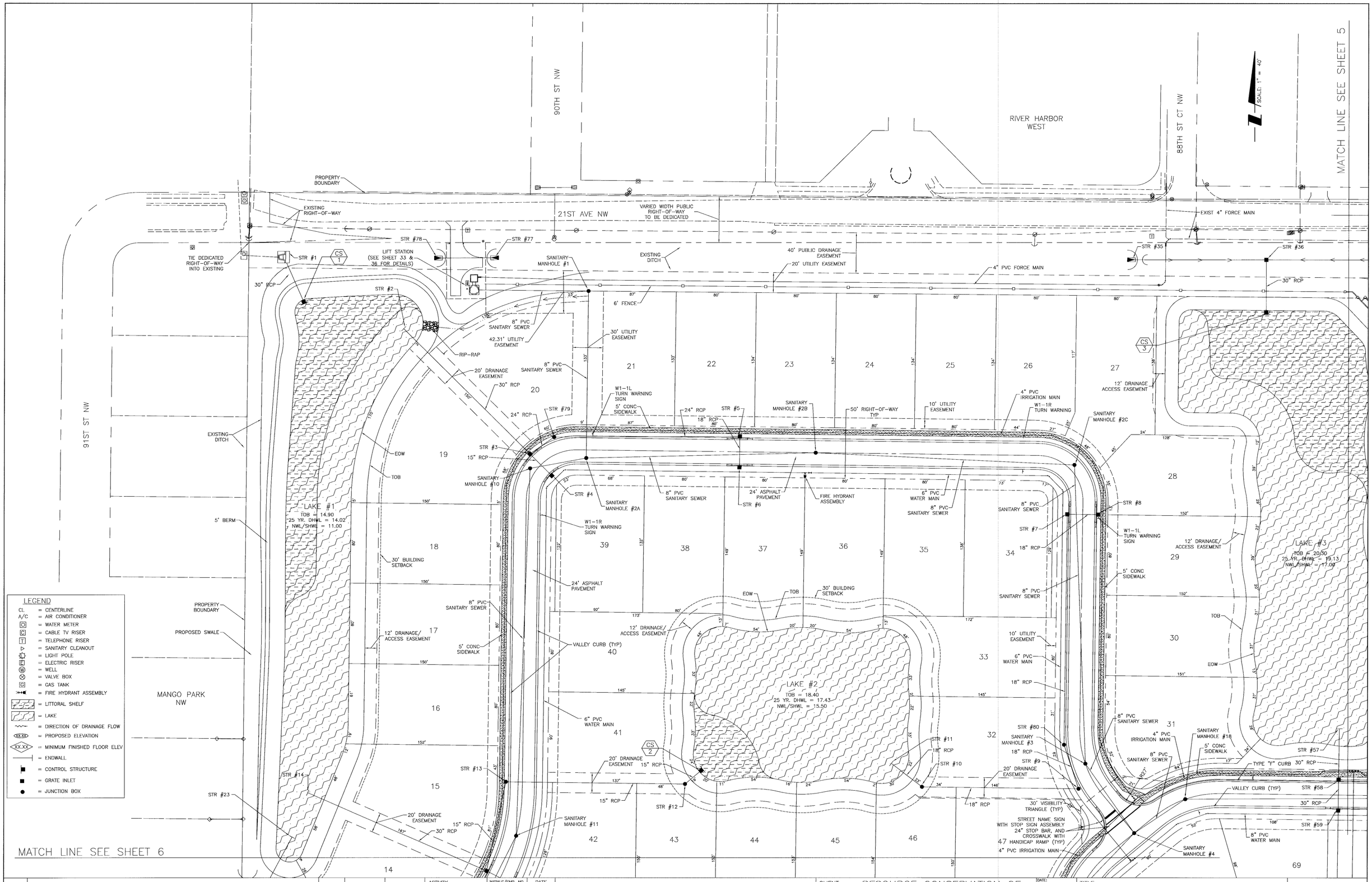
CROSS REFERENCE FILE NO.: 04265-001M01

PROJECT NUMBER: 04265-001-000

INDEX NUMBER: D-04265-001-000003

SHEET NUMBER: 27 OF 33

4412.028



LEGEND

- CL = CENTERLINE
- A/C = AIR CONDITIONER
- = WATER METER
- = CABLE TV RISER
- = TELEPHONE RISER
- = SANITARY CLEANOUT
- = LIGHT POLE
- = ELECTRIC RISER
- = WELL
- = VALVE BOX
- = GAS TANK
- = FIRE HYDRANT ASSEMBLY
- = LITTORAL SHELF
- = LAKE
- = DIRECTION OF DRAINAGE FLOW
- XX.XX = PROPOSED ELEVATION
- XX.XX = MINIMUM FINISHED FLOOR ELEV
- = ENDWALL
- = CONTROL STRUCTURE
- = GRATE INLET
- = JUNCTION BOX

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/01/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	
C	REVISED PER MANATEE COUNTY AND SWFWMD COMMENTS	6/23/04	RJL/1408	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	10/03
DRAWN BY:	JML/1726	10/03
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: 12/03

HORIZONTAL SCALE: 1"=40'

VERTICAL SCALE:

SEC: 24 TWP: 34S RGE: 16E

CROSS REFERENCE FILE NO.: 04265-001M01

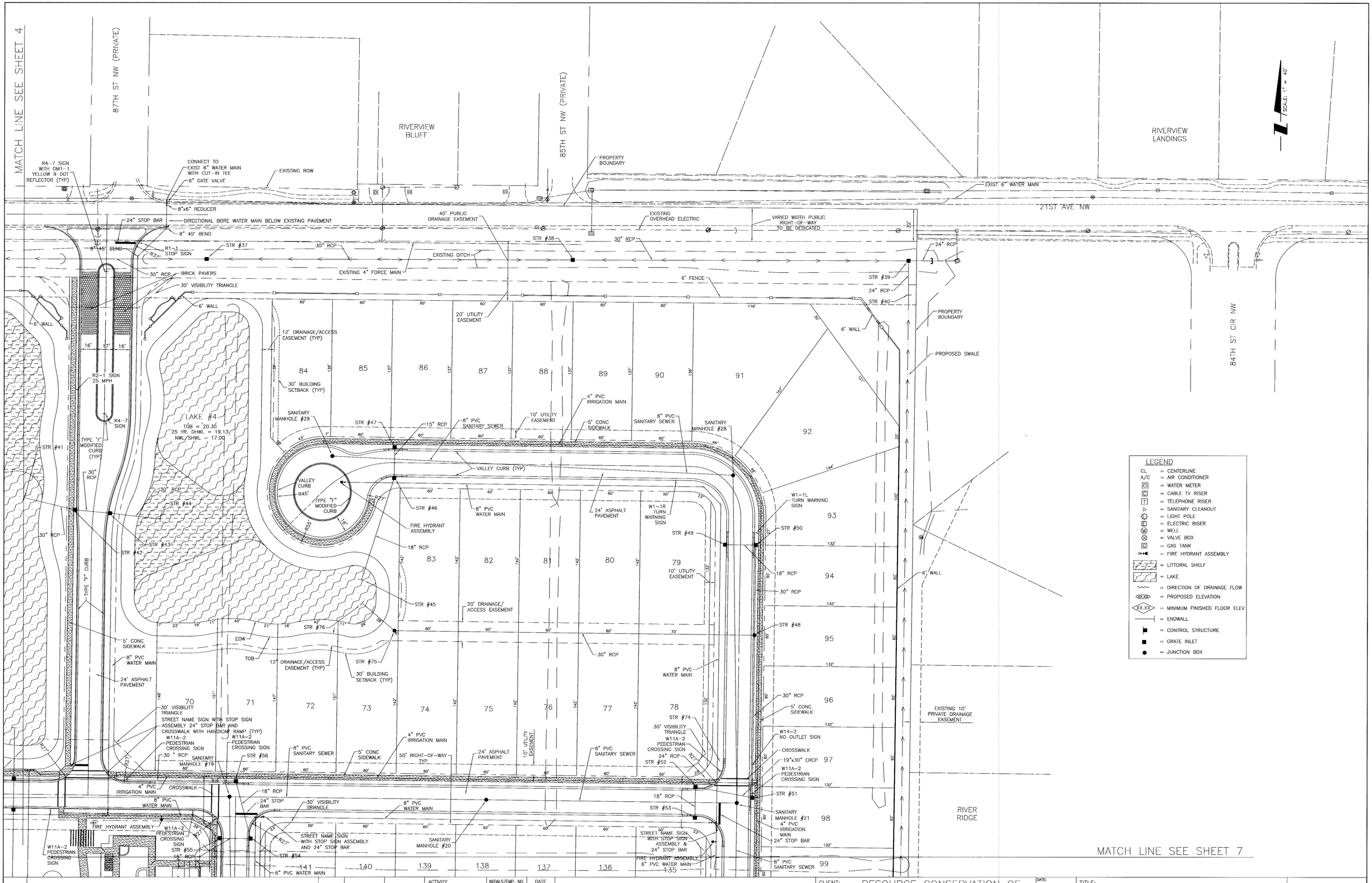
PROJECT NUMBER: 04265-001-000

TITLE: SITE PLAN

INDEX NUMBER: D-04265-001-000004

SHEET NUMBER: 28 OF 33

4412.029



LEGEND

CL	= CENTERLINE
A/C	= AIR CONDITIONER
	= WATER METER
C	= CABLE TV RISER
T	= TELEPHONE RISER
	= SANITARY CLEANOUT
	= LIGHT POLE
E	= ELECTRIC RISER
W	= WELL
	= VALVE BOX
G	= GAS TANK
	= FIRE HYDRANT ASSEMBLY
	= LITTORAL SHELF
	= LAKE
	= DIRECTION OF DRAINAGE FLOW
XXXX	= PROPOSED ELEVATION
XX.XX	= MINIMUM FINISHED FLOOR ELEV
	= ENDWALL
	= CONTROL STRUCTURE
	= GRATE INLET
	= JUNCTION BOX

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENT	9/1/04	MLP/1536	
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	
C	REVISED PER MANATEE COUNTY AND SWFWMD COMMENTS	6/23/04	RJL/1408	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	10/03
DRAWN BY:	RJL/1408	10/03
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: DEC 2003
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE:
SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-001M01
PROJECT NUMBER: 04265-001-000

TITLE: SITE PLAN

INDEX NUMBER: D-04265-001-000005
SHEET NUMBER: 29 OF 33

4412.32

MATCH LINE SEE SHEET 4

SCALE: 1" = 40'

LEGEND

- CL = CENTERLINE
- A/C = AIR CONDITIONER
- = WATER METER
- = CABLE TV RISER
- = TELEPHONE RISER
- = SANITARY CLEANOUT
- = LIGHT POLE
- = ELECTRIC RISER
- = WELL
- = VALVE BOX
- = GAS TANK
- = FIRE HYDRANT ASSEMBLY
- = LITTORAL SHELF
- = LAKE
- = DIRECTION OF DRAINAGE FLOW
- = PROPOSED ELEVATION
- = MINIMUM FINISHED FLOOR ELEV
- = ENDWALL
- = CONTROL STRUCTURE
- = GRATE INLET
- = JUNCTION BOX

18" RCP
STR #24
24" RCP
STR #20
24" RCP
SANITARY MANHOLE #12
STR #81
18" RCP
24" RCP
8" PVC SANITARY SEWER
STR #25
STR #21
STR #22
20' DRAINAGE EASEMENT
14"x23" ERCP
8" PVC SANITARY SEWER
18" RCP
W1-1R TURN WARING SIGN
PROPOSED SWALE
STR #26
EXIST SLAB
SANITARY MANHOLE #13
10' UTILITY EASEMENT
PROPERTY BOUNDARY
COPHER TORTOISE HABITAT CREATION/ RELOCATION AREA
EXISTING 20'x30' VERIZON EASEMENT
EXIST 3" FORCE MAIN
EXIST 6" FORCE MAIN
EXIST 16" WATER MAIN
24"x38" ERCP
STR #16
STR #15
W11A-2 PEDESTRIAN CROSSING SIGN
18" RCP
STREET NAME SIGN WITH STOP SIGN ASSEMBLY, & 24" STOP BAR
STR #17
24" STOP BAR
8" PVC SANITARY SEWER
18" RCP
STR #18
12"x18" ERCP
VALLEY CURB (TYP)
10' UTILITY EASEMENT
SANITARY MANHOLE #16
STR #19
30' VISIBILITY TRIANGLE
FIRE HYDRANT ASSEMBLY
8" PVC SANITARY SEWER
24" ASPHALT PAVEMENT
6" PVC WATER MAIN
20' DRAINAGE EASEMENT
W1-1L TURN WARING SIGN
6" PVC WATER MAIN
FIRE HYDRANT ASSEMBLY
8" PVC SANITARY SEWER
STR #27
50' RIGHT-OF-WAY TYP
15" RCP
8" PVC SANITARY SEWER
4" PVC IRRIGATION MAIN
SANITARY MANHOLE #14
5' SIDEWALK
STR #28
SANITARY MANHOLE #17
24" RCP
6' FENCE
5' CONC SIDEWALK
FUTURE REUSE CONNECTION
EXISTING OVERHEAD ELECTRIC
17TH AVE NW
PROPERTY BOUNDARY
PROPOSED 42' ADDITIONAL RIGHT-OF-WAY TO BE DEDICATED
89TH ST NW
4" PVC IRRIGATION MAIN
SANITARY MANHOLE #15
8" PVC SANITARY SEWER
STR #72
STR #73
18" RCP
10' UTILITY EASEMENT
8" PVC WATER MAIN
24" ASPHALT PAVEMENT
STR #71
STREET NAME SIGN WITH STOP SIGN ASSEMBLY, 24" STOP BAR AND CROSSWALK WITH HANDICAP RAMP (TYP)
R1-1 STOP SIGN
18" RCP
4" PVC IRRIGATION MAIN
20' DRAINAGE EASEMENT
24" RCP
STR #32
10' UTILITY EASEMENT
30' VISIBILITY TRIANGLE
STR #30
FIRE HYDRANT ASSEMBLY
24" RCP
STR #31
76' 30" RCP
STR #29
STREET NAME SIGN WITH STOP SIGN ASSEMBLY & 24" STOP BAR
8" PVC SANITARY SEWER
TYPE "F" CURB
4" PVC IRRIGATION MAIN
ENTRY SIGN
R4-7 SIGNS WITH OM1-1 YELLOW 9 DOT REFECLTOR
24" STOP BAR
CROSSWALK
R1-1 STOP SIGN
EXISTING TELEPHONE LINE
EXISTING 6" WATER MAIN
8" GATE VALVE
CONNECT TO EXISTING 16" WATER MAIN WITH TAPPING SLEEVE AND VALVE
DIRECTIONAL BORE WATER MAIN BELOW EXISTING PAVEMENT
4" PVC IRRIGATION MAIN
SANITARY MANHOLE #5
30' VISIBILITY TRIANGLE
8" PVC SANITARY SEWER
FIRE HYDRANT ASSEMBLY
30" RCP
8" PVC SANITARY SEWER
SANITARY MANHOLE #6
8" PVC WATER MAIN
8" PVC SANITARY SEWER
STR #60
EOW
TOB
STR #33
STR #34
20' DRAINAGE EASEMENT
30" RCP
LAKE #5
TOB = 20.30
25 YR. DHWL = 19.13
NWL/SHWL = 17.00
30" RCP
10' UTILITY EASEMENT
24" RCP
STR #31
8" PVC SANITARY SEWER
12' DRAINAGE/ACCESS EASEMENT (TYP)
SANITARY MANHOLE #7
8" PVC WATER MAIN
SANITARY MANHOLE #8
R2-1 SIGN 25 MPH
TYPE 'F' MODIFIED CURB
BRICK PAVERS
30' VISIBILITY TRIANGLE
30' BUILDING SETBACK (TYP)
6' FENCE
MATCH LINE SEE SHEET 7

					ACTIVITY	INITIALS/EMP. NO.	DATE
					DESIGNED BY:	MER/1187	10/03
D	REVISED PER MANATEE COUNTY UTILITY COMMENT	9/1/04	MLP/1536		DRAWN BY:	JML/1726	10/03
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536		CHECKED BY:		
C	REVISED PER MANATEE COUNTY AND SWFWMD COMMENTS	6/23/04	RJL/1408		CONTRACT ADMIN. BY:		
△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: DEC 2003
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE:

TITLE: SITE PLAN

SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-001M01
PROJECT NUMBER: 04265-001-000

INDEX NUMBER: D-04265-001-000006
SHEET NUMBER: 30 OF 33

4412.031

MATCH LINE SEE SHEET 5

MATCH LINE SEE SHEET 6

4" PVC IRRIGATION MAIN
POOL
IRRIGATION PUMP HOUSE
POOL HOUSE
RECREATION AREA (SEE SHEET 7A)
6" PVC WATER MAIN
SANITARY MANHOLE #22
LAKE #6
TOB = 20.30
25 YR. DHWL = 19.13
NWL/SHWL = 17.00
30' BUILDING SETBACK (TYP)
12' DRAINAGE/ACCESS EASEMENT (TYP)
6" PVC WATER MAIN
4" PVC IRRIGATION MAIN
20' DRAINAGE EASEMENT
STR #64
STR #65
STR #66
STR #67
STR #68
STR #69
STR #70
24" RCP
30" RCP
19"x30" ERCP
STR #62
STR #63
STR #61
SANITARY MANHOLE #23
8" PVC SANITARY SEWER
W1-1R TURN WARNING SIGN
W1-1L TURN WARNING SIGN
24' ASPHALT PAVEMENT
FIRE HYDRANT ASSEMBLY
VALLEY CURB (TYP)
50' RIGHT-OF-WAY TYP
SANITARY MANHOLE #24
SANITARY MANHOLE #25
5' SIDEWALK
LAKE #5
TOB = 20.30
25 YR. DHWL = 19.13
NWL/SHWL = 17.00
6' FENCE
PROPOSED 42' ADDITIONAL RIGHT-OF-WAY TO BE DEDICATED
6' WALL
5' CONC SIDEWALK
PROPERTY BOUNDARY
LAUREL OAK PARK
86TH ST NW
RIVER RIDGE
SANITARY MANHOLE #26
SANITARY MANHOLE #27
PROPOSED SWALE
EXISTING 10' PRIVATE DRAINAGE EASEMENT
EXIST 3" FORCEMAIN
EXIST 6" FORCEMAIN
EXIST 16" WATER MAIN

SCALE: 1" = 40'

LEGEND

CL	= CENTERLINE
A/C	= AIR CONDITIONER
	= WATER METER
	= CABLE TV RISER
	= TELEPHONE RISER
	= SANITARY CLEANOUT
	= LIGHT POLE
	= ELECTRIC RISER
	= WELL
	= VALVE BOX
	= GAS TANK
	= FIRE HYDRANT ASSEMBLY
	= LITTORAL SHELF
	= LAKE
	= DIRECTION OF DRAINAGE FLOW
XX.XX	= PROPOSED ELEVATION
XX.XX	= MINIMUM FINISHED FLOOR ELEV
	= ENDWALL
	= CONTROL STRUCTURE
	= GRATE INLET
	= JUNCTION BOX

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536	
C	REVISED PER SWFWMD COMMENTS	6/24/04	BPK/1879	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	10/03
DRAWN BY:	JML/1726	10/03
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

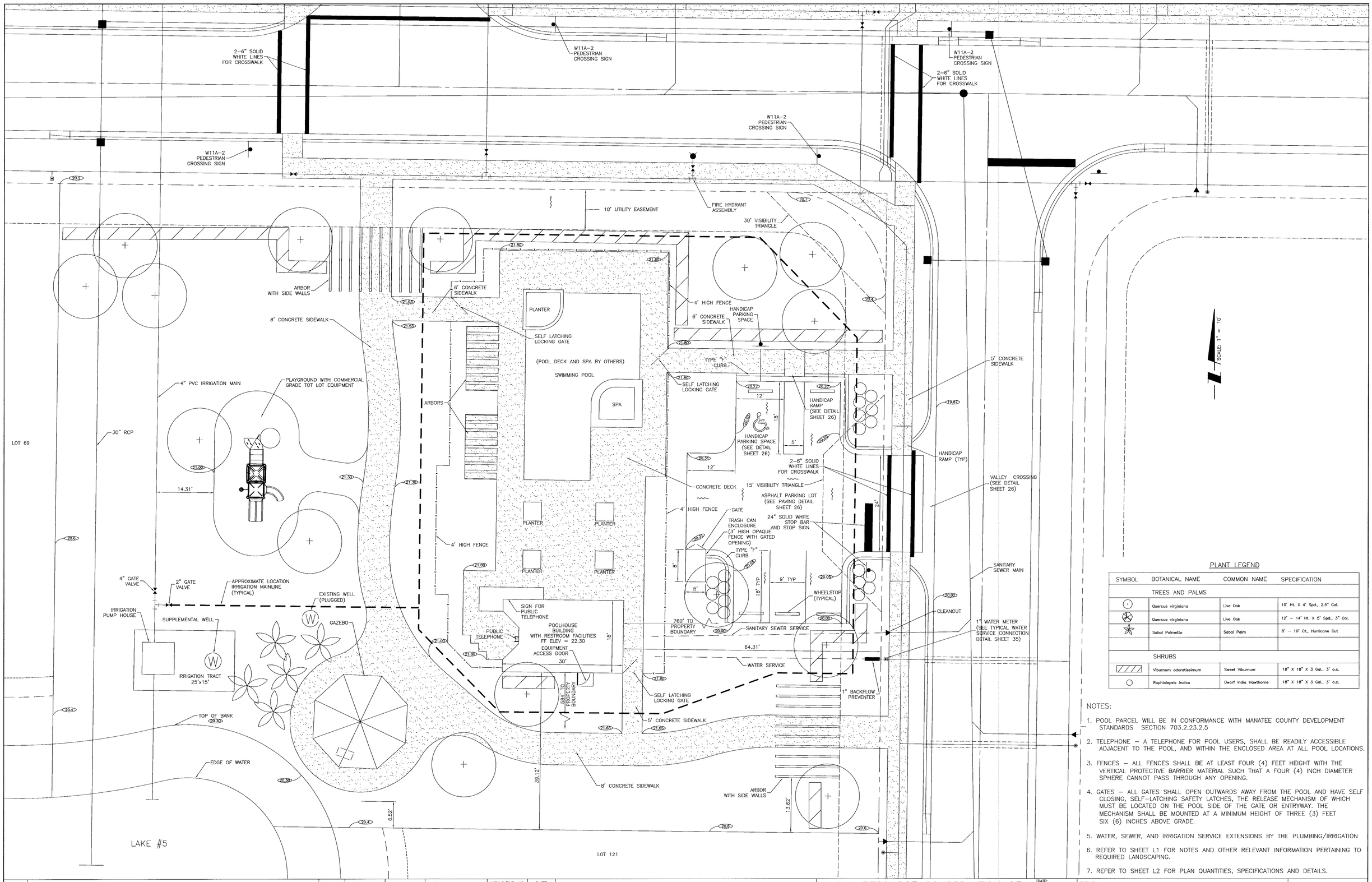
PROJECT: WISTERIA PARK

DATE: DEC 2003
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: -

TITLE: SITE PLAN

SEC: 24 TWP: 34S RGE: 16E
CROSS REFERENCE FILE NO.: 04265-001M01
PROJECT NUMBER: 04265-001-000
INDEX NUMBER: D-04265-001-000007
SHEET NUMBER: 31 OF 33

4412.032



PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SPECIFICATION
	TREES AND PALMS		
⊙	Quercus virginiana	Live Oak	10' Ht. X 4' Spd., 2.5" Cal.
⊛	Quercus virginiana	Live Oak	12' – 14' Ht. X 5' Spd., 3" Cal.
✶	Sabal Palmetto	Sabal Palm	8' – 10' Ct., Hurricane Cut
	SHRUBS		
▨	Viburnum odoratissimum	Sweet Viburnum	18" X 18" X 3 Gal., 3' o.c.
○	Raphiolepsis indica	Dwarf India Hawthorne	18" X 18" X 3 Gal., 3' o.c.

NOTES:

1. POOL PARCEL WILL BE IN CONFORMANCE WITH MANATEE COUNTY DEVELOPMENT STANDARDS SECTION 703.2.23.2.5
2. TELEPHONE – A TELEPHONE FOR POOL USERS, SHALL BE READILY ACCESSIBLE ADJACENT TO THE POOL, AND WITHIN THE ENCLOSED AREA AT ALL POOL LOCATIONS.
3. FENCES – ALL FENCES SHALL BE AT LEAST FOUR (4) FEET HEIGHT WITH THE VERTICAL PROTECTIVE BARRIER MATERIAL SUCH THAT A FOUR (4) INCH DIAMETER SPHERE CANNOT PASS THROUGH ANY OPENING.
4. GATES – ALL GATES SHALL OPEN OUTWARDS AWAY FROM THE POOL AND HAVE SELF CLOSING, SELF-LATCHING SAFETY LATCHES, THE RELEASE MECHANISM OF WHICH MUST BE LOCATED ON THE POOL SIDE OF THE GATE OR ENTRYWAY. THE MECHANISM SHALL BE MOUNTED AT A MINIMUM HEIGHT OF THREE (3) FEET SIX (6) INCHES ABOVE GRADE.
5. WATER, SEWER, AND IRRIGATION SERVICE EXTENSIONS BY THE PLUMBING/IRRIGATION
6. REFER TO SHEET L1 FOR NOTES AND OTHER RELEVANT INFORMATION PERTAINING TO REQUIRED LANDSCAPING.
7. REFER TO SHEET L2 FOR PLAN QUANTITIES, SPECIFICATIONS AND DETAILS.

△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.
E	REVISED PER MANATEE COUNTY UTILITY COMMENT	9/1/04	MLP/1536	
C	ADDED SHEET	6/23/04	RJL/1408	

ACTIVITY	INITIALS/EMP. NO.	DATE
DESIGNED BY:	MER/1187	6/04
DRAWN BY:	RJL/1408	6/04
CHECKED BY:		
CONTRACT ADMIN. BY:		
WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: 6/04

HORIZONTAL SCALE: 1"=10'

VERTICAL SCALE: —

SEC: 24 TWP: 34S RGE: 16E

CROSS REFERENCE FILE NO.: 04265-002M01

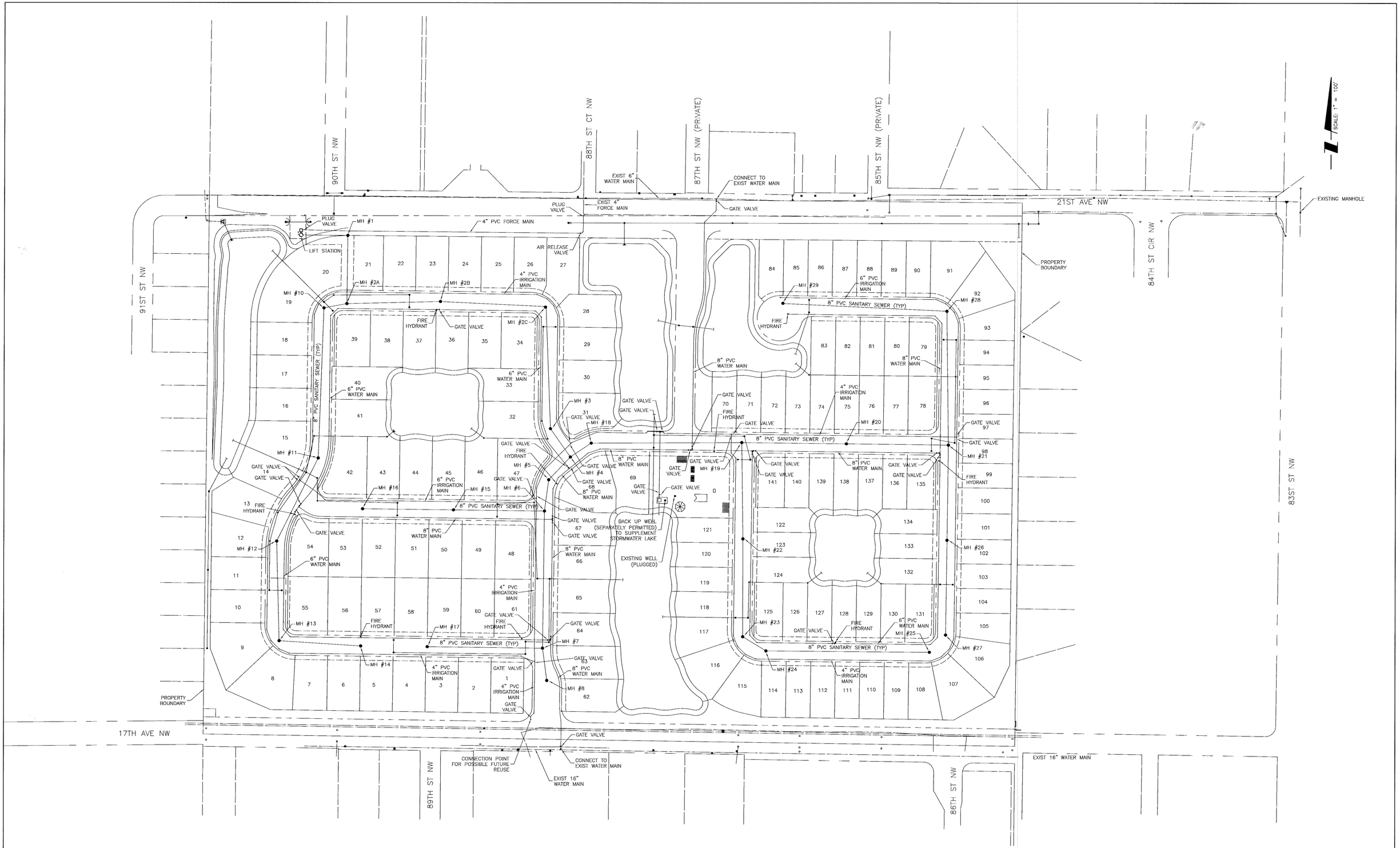
PROJECT NUMBER: 04265-001-000

TITLE: RECREATION AREA SITE PLAN

INDEX NUMBER: D-04265-001-00007A

SHEET NUMBER: 32 OF 33

4412.033



					ACTIVITY	INITIALS/EMP. NO.	DATE
					DESIGNED BY:	MER/1187	12/03
					DRAWN BY:	JML/1726	12/03
E	REVISED PER MANATEE COUNTY UTILITY COMMENTS	9/1/04	MLP/1536		CHECKED BY:		
D	REVISED PER MANATEE COUNTY COMMENTS	8/12/04	MLP/1536		CONTRACT ADMIN. BY:		
△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO.	WM APPROVED BY:		

CLIENT: RESOURCE CONSERVATION OF MANATEE, L.L.C.

PROJECT: WISTERIA PARK

DATE: 2/04

HORIZONTAL SCALE: 1"=100'

VERTICAL SCALE: --

TITLE: MASTER UTILITY PLAN

SEC: 24 TWP: 34S RGE: 16E

CROSS REFERENCE FILE NO.: 04265-001M01

PROJECT NUMBER: 04265-001-000

INDEX NUMBER: D-04265-001-000012

SHEET NUMBER: 33 OF 33

4412.034