


















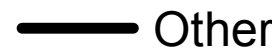




This map was developed by the Manatee County Utilities Department. It is provided for general reference and is not warranted in any way. Errors from non-concordance of features from different sources may exist. The Manatee County BOCC shall be held harmless for inappropriate or unintended uses of the information.

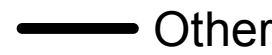



LEGEND

-  Hydrants
-  System Valves
-  AirRelease
-  BlowOff
-  MH - Air Release
-  Reduced Pressure Backflow
-  Meter
-  Well
-  PumpStation
-  BoosterStation
-  ElevTank
-  EnclosedStorageFacility
-  TreatmentPlant
-  Lift Station
-  Master Lift Station
-  Sewer Manhole
-  Sewer clean-out/service connection

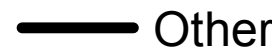


Water Line

-  Other
-  Manatee County
-  Privately Owned

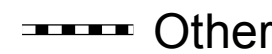


Reclaim Line
































-  Other
-  Reclaimed Water, Manatee County
-  Reclaimed Water, Privately Owned
-  Irrigation Water, Privately Owned

Sewer Gravity Main

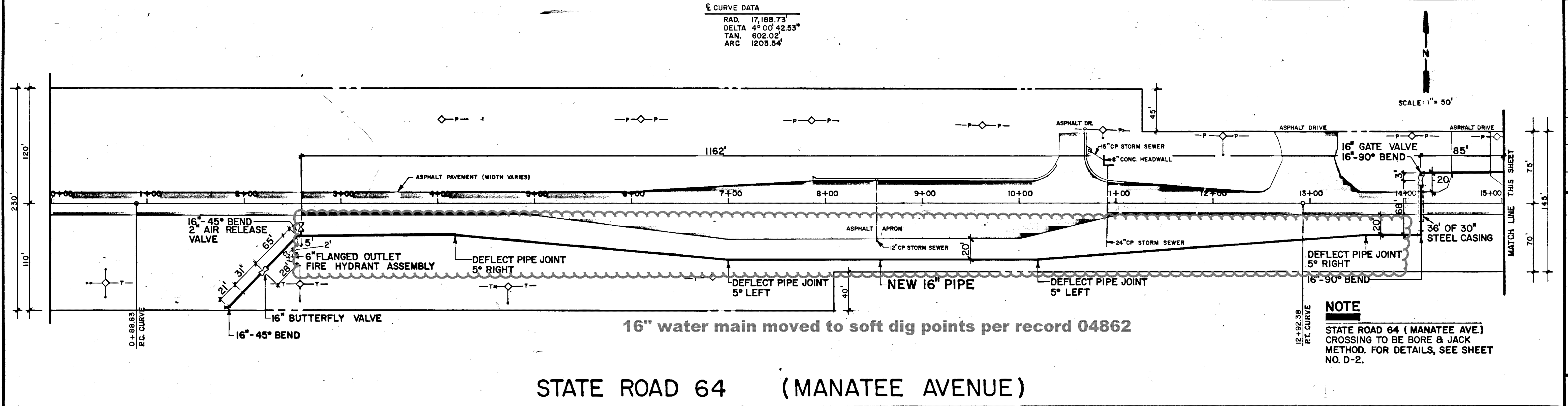
-  Other
-  Manatee County
-  Privately Owned

Sewer Force Main

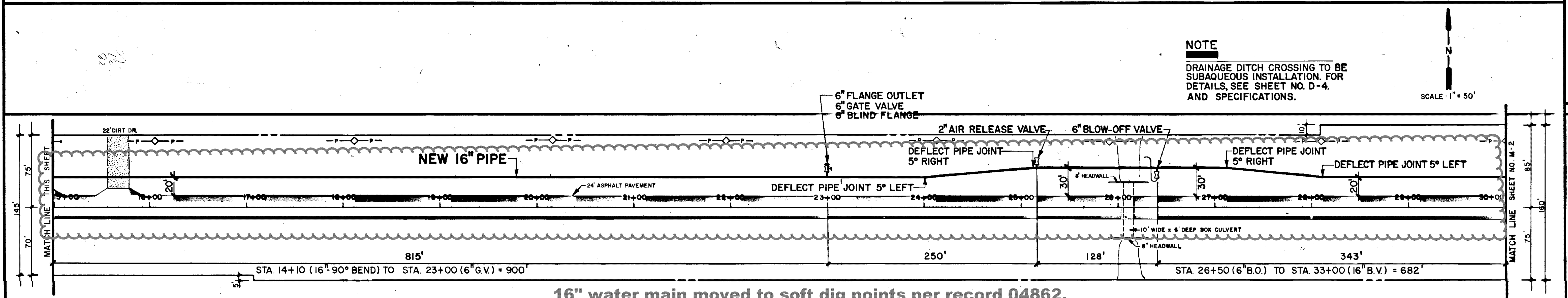
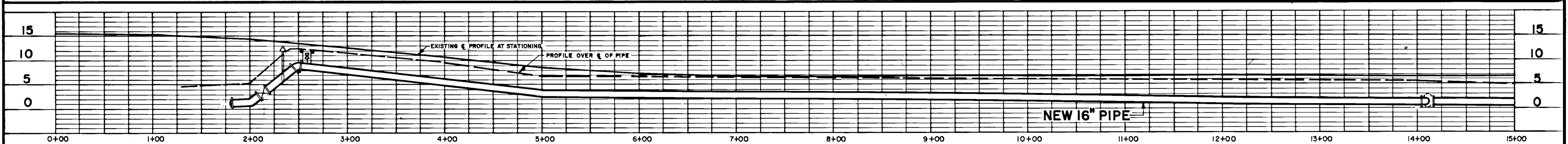
-  Other
-  Manatee County
-  Privately Owned

-  Traffic Intersection
-  SCHOOL FLASHER
-  WARNING FLASHER
-  Traffic Cabinet
-  Traffic Count Stations
-  Other
-  GENERATOR CABINET
-  POWER DISCONNECT
-  POWER SOURCE
-  Street Lights
-  Load Centers
-  <all other values>
-  HAND HOLE
-  JUNCTION BOX
-  PULL BOX
-  POWER DISCONNECT
-  POWER SOURCE
-  Traffic Power Conduit
-  Data Mangement System
-  DMS Conduit
-  Closed Circuit TV
-  CCTV Conduit
-  Video Detection System
-  VDS Conduit
-  Traffic Preemption Line
-  Interconnect Conduit
-  ATMS Conduit - YES
-  ATMS Conduit - NO
-  Data Conduit - YES
-  Data Conduit - NO
-  Lighting Power Conduit

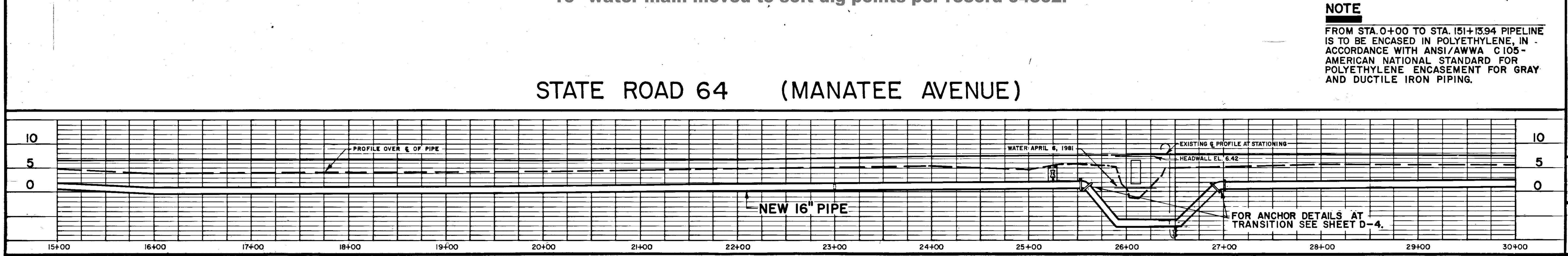
CURVE DATA	
RAD.	17,188.73'
DELTA	4° 00' 42.53"
TAN.	602.02'
ARC	1203.54'



STATE ROAD 64 (MANATEE AVENUE)



STATE ROAD 64 (MANATEE AVENUE)



NOTE
STATE ROAD 64 (MANATEE AVE.)
CROSSING TO BE BORE & JACK
METHOD. FOR DETAILS, SEE SHEET
NO. D-2.

NOTE
DRAINAGE DITCH CROSSING TO BE
SUBAQUEOUS INSTALLATION. FOR
DETAILS, SEE SHEET NO. D-4.
AND SPECIFICATIONS.

NOTE
FROM STA. 0+00 TO STA. 15+13.94 PIPELINE
IS TO BE ENCASED IN POLYETHYLENE, IN
ACCORDANCE WITH ANSI/AWWA C105 -
AMERICAN NATIONAL STANDARD FOR
POLYETHYLENE ENCASEMENT FOR GRAY
AND DUCTILE IRON PIPING.

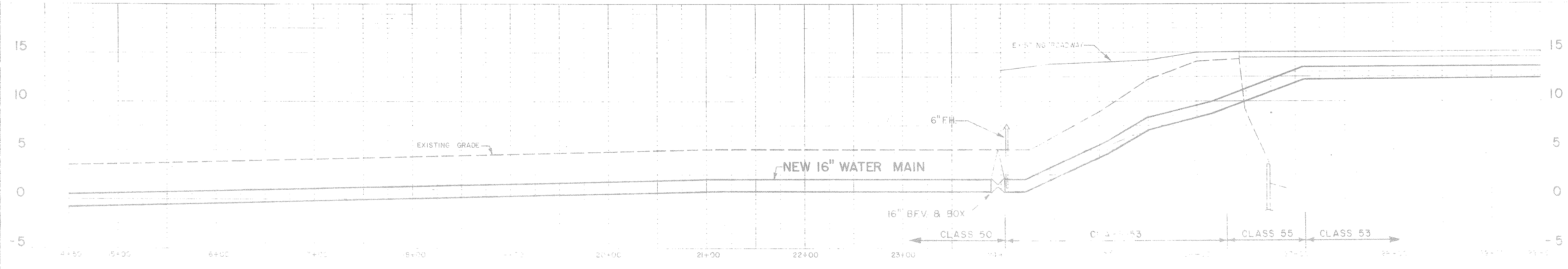
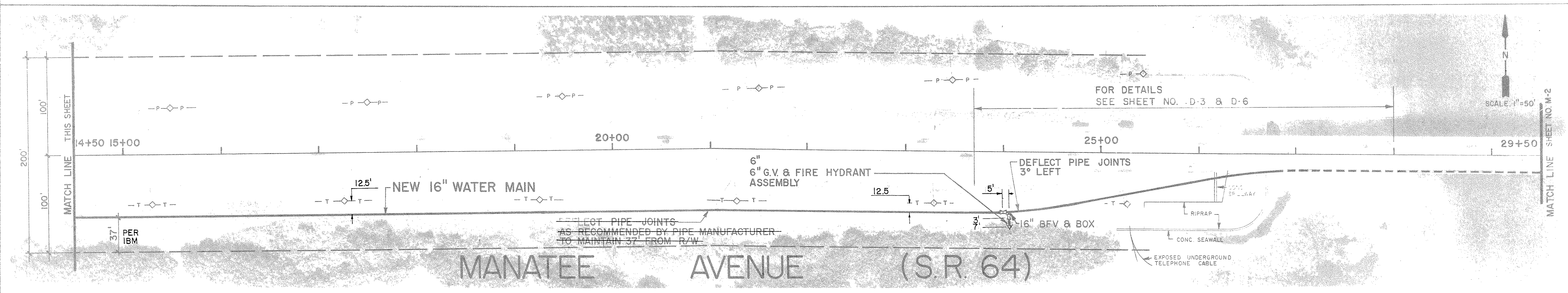
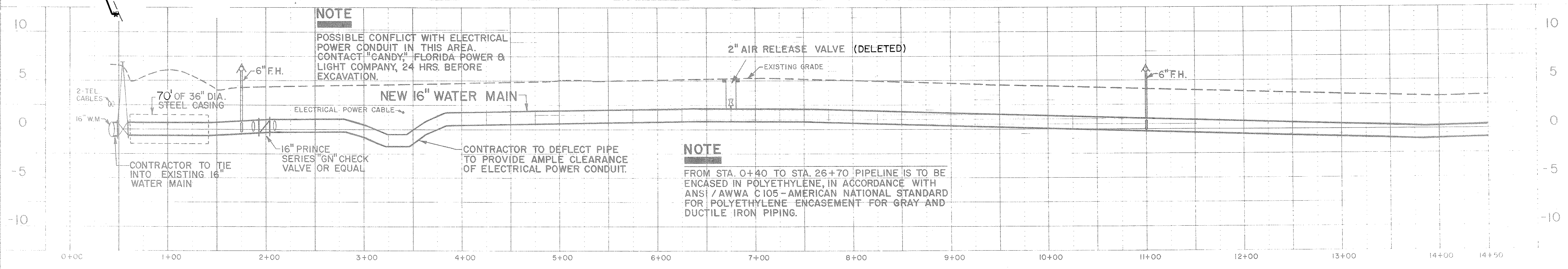
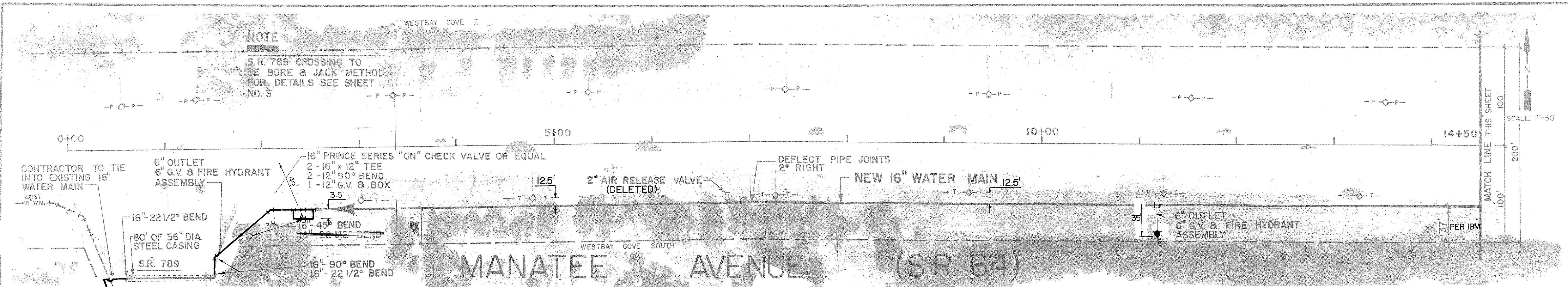
REV. NO.	DATE	BY	CHKD.	REMARKS

DESIGNED BY: P.R.C. CHECKED BY: _____
DRAWN BY: A.C.S. APPROVED BY: _____
DATE: MAY 1981

CAMP DRESSER & MCKEE INC.
Fort Lauderdale
Atlanta
Clearwater
environmental engineers, scientists,
planners & management consultants

ANNA-MARIA ISLAND
FOR THE
16" RELIEF WATER MAIN
MANATEE COUNTY UTILITIES DEPARTMENT
16" WATER MAIN

T4
CLEARWATER OFFICE
PROJECT NO.
6049-5
SHEET NO.
M-1



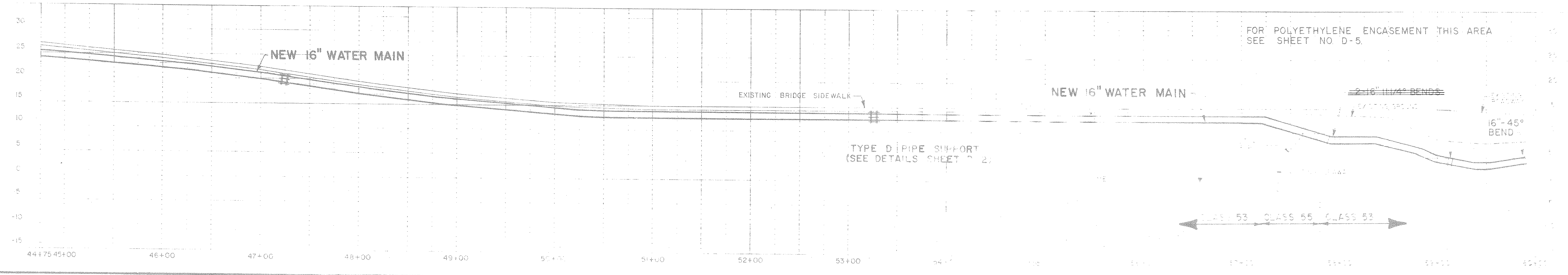
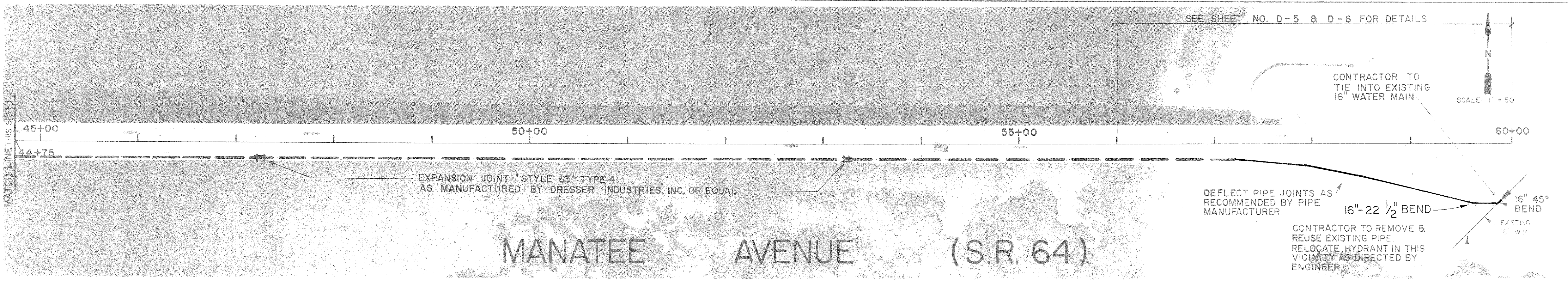
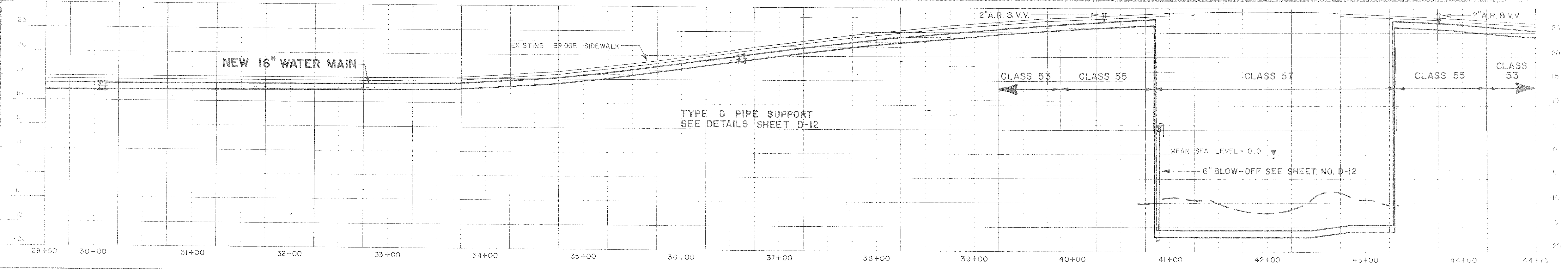
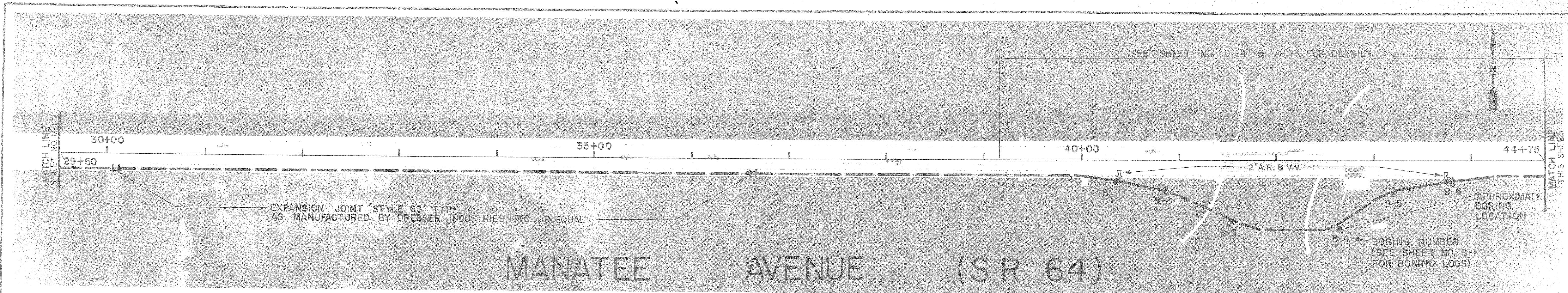
CAMP DRESSER & MCKEE INC

CDM

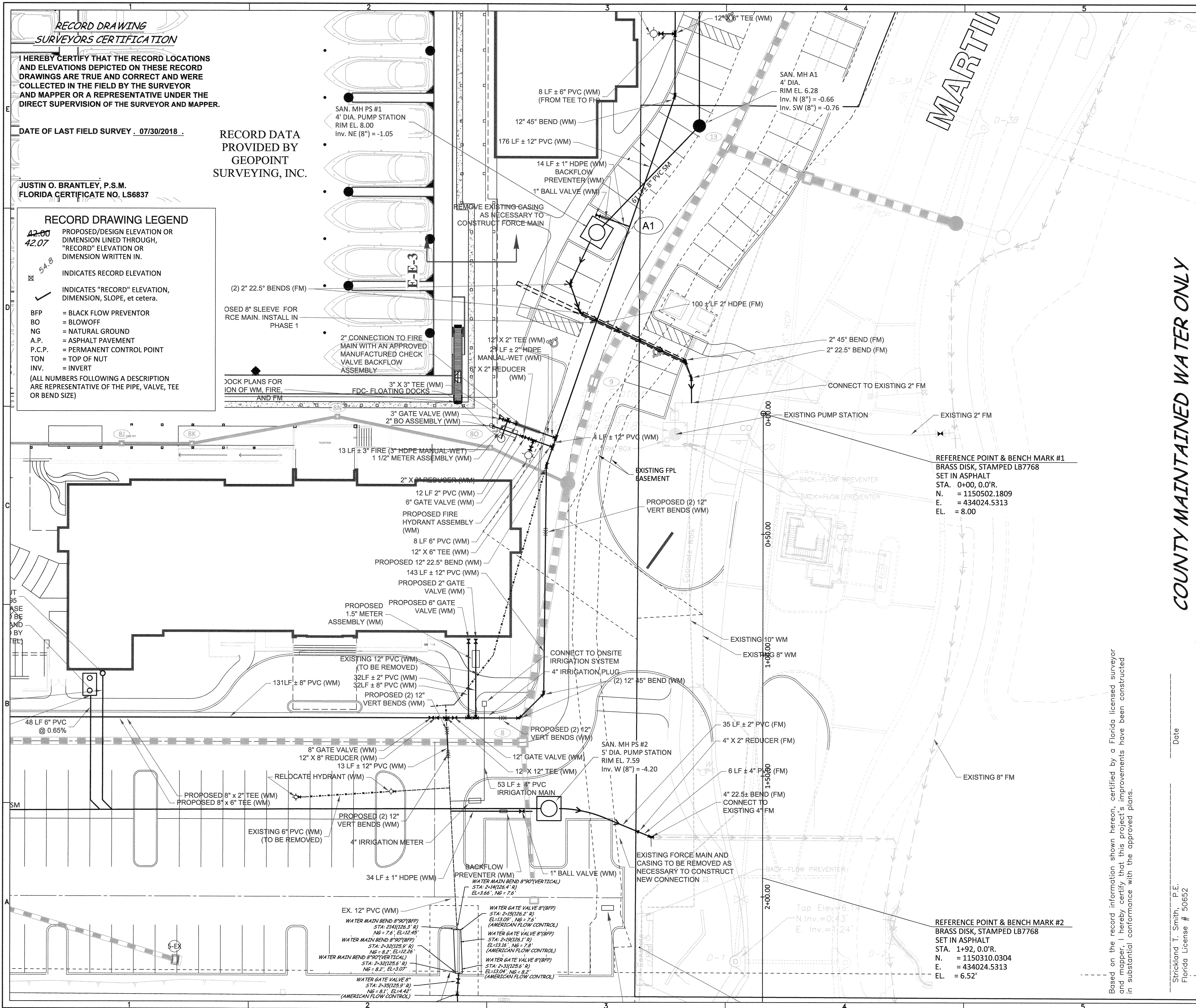
ANNA-MARIA ISLAND
16" RELIEF WATER MAIN PHASE II
MANATEE COUNTY UTILITIES DEPARTMENT
16" WATER MAIN

T20

28-02



CDM
 ANNA-MARIA ISLAND
 16" RELIEF WATER MAIN PHASE II
 MANATEE COUNTY UTILITIES DEPARTMENT
 721
 28-02



RECORD DRAWING SURVEYORS CERTIFICATION

I HEREBY CERTIFY THAT THE RECORD LOCATIONS AND ELEVATIONS DEPICTED ON THESE RECORD DRAWINGS ARE TRUE AND CORRECT AND WERE COLLECTED IN THE FIELD BY THE SURVEYOR AND MAPPER OR A REPRESENTATIVE UNDER THE DIRECT SUPERVISION OF THE SURVEYOR AND MAPPER.

DATE OF LAST FIELD SURVEY: 07/30/2018

RECORD DATA PROVIDED BY GEOPOINT SURVEYING, INC.

JUSTIN O. BRANTLEY, P.S.M.
FLORIDA CERTIFICATE NO. LS6837

RECORD DRAWING LEGEND

42.00
42.07
54.8

PROPOSED/DESIGN ELEVATION OR DIMENSION LINED THROUGH, "RECORD" ELEVATION OR DIMENSION WRITTEN IN.

INDICATES RECORD ELEVATION

INDICATES "RECORD" ELEVATION, DIMENSION, SLOPE, et cetera.

BFP = BLACK FLOW PREVENTOR
BO = BLOWOFF
NG = NATURAL GROUND
A.P. = ASPHALT PAVEMENT
P.C.P. = PERMANENT CONTROL POINT
TON = TOP OF NUT
INV. = INVERT

(ALL NUMBERS FOLLOWING A DESCRIPTION ARE REPRESENTATIVE OF THE PIPE, VALVE, TEE OR BEND SIZE)

WATER & SEWER LEGEND

EXISTING PROPOSED

STORM STRUCTURE NUMBER
STORM DRAINAGE STRUCTURE

WATER MAIN (WM)
FIRE MAIN (FIRE)
FORCE MAIN (FM)
FIRE HYDRANT
VALVE & BOX
REDUCER
PLUG
BLOW-OFF
BENDS
VERTICAL BENDS

WATER DISTRIBUTION SAMPLING POINT

SANITARY SEWER (SM)
SANITARY FORCE MAIN (FM)
SANITARY SERVICE DOUBLE WICLEANOUT
SANITARY SERVICE SINGLE WICLEANOUT

NOTE: ALL UTILITY WORK IS PHASE 2 CONSTRUCTION

RECORD DRAWING

NOTE: TRACER WIRE TEST WAS PERFORMED ON 08/06/2018

City of Bradenton Comments

NO.	DATE	DESCRIPTION
10	10/05/2017	CITY OF BRADENTON COMMENTS
9	10/05/2017	2" FIRE MATERIAL
8	09/16/2017	LAYOUT REVISIONS
7	11/06/2016	1" & 3" SYSTEM REVISIONS
6	02/26/2015	CITY PHASING COMMENTS
5	02/26/2015	PHASE 1 REVISIONS
4	12/08/2015	ADDED FIRE HYDRANT
3	04/08/2015	CITY OF BRADENTON COMMENTS
2	02/10/2015	REVIEW SUBMITTAL
1	12/04/2014	CITY OF BRADENTON COMMENTS

KEY MAP

PROJECT NO: MHL-HM-1016
DESIGN BY: BUDEN
DRAWN BY: SDM
FLORIDA PROFESSIONAL ENGINEER
STRICKLAND T. SMITH
DATE: 11/29/2017
REGISTRATION NO. 50652
C-402

Based on the record information shown hereon, certified by a Florida licensed surveyor and mapper, I hereby certify that this project's improvements have been constructed in substantial conformance with the approved plans.

COUNTY MAINTAINED WATER ONLY

HEIDT DESIGN

Civil Engineering • Planning & GIS
Ecological Services • Landscape Architecture

5904-A Hampton Oaks Pkwy.
Tampa, Florida 33610
Office: 813-253-5311
Fax: 813-464-7629

www.HeidtDesign.com

Engineering Business Certificate of Authorization No. 28782
Landscape Architecture Certificate of Authorization No. LC20000405

HARBOUR ISLE MARINA PHASE I AND PHASE 2 WATER & SEWER PLAN

MINTO - HAYDEN LANE

PREPARED FOR:

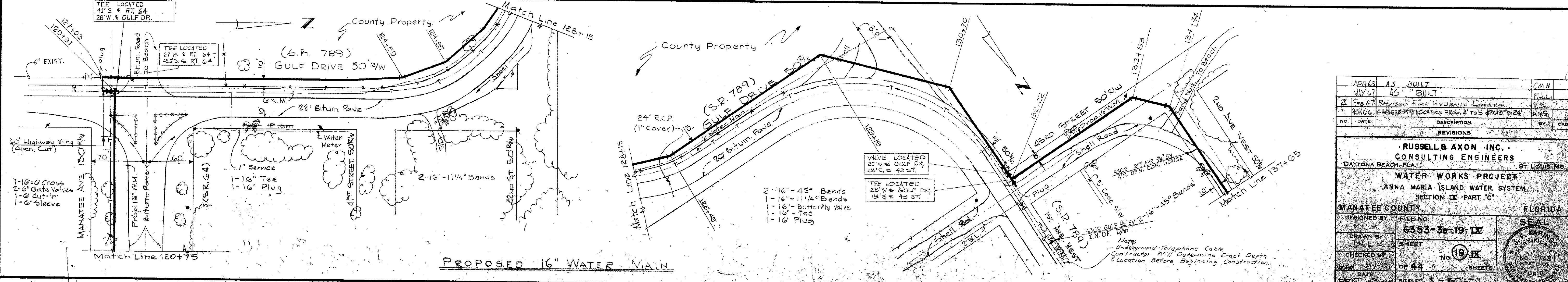
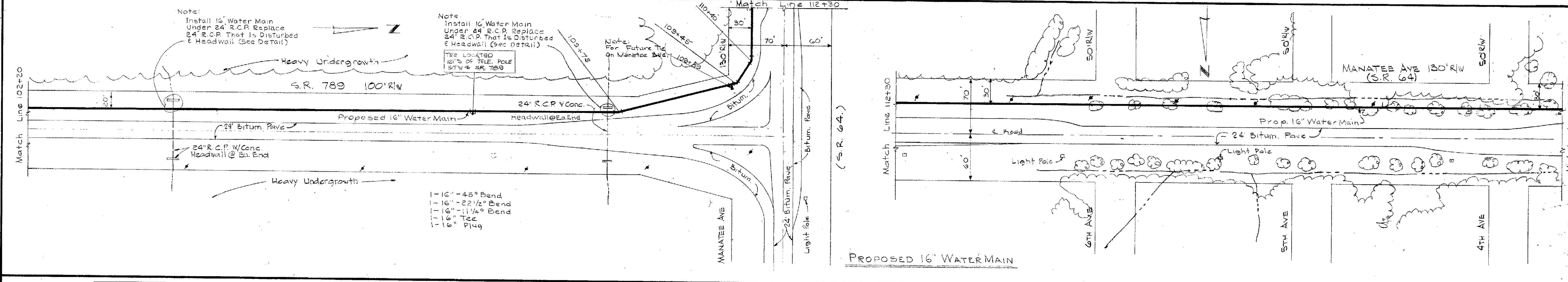
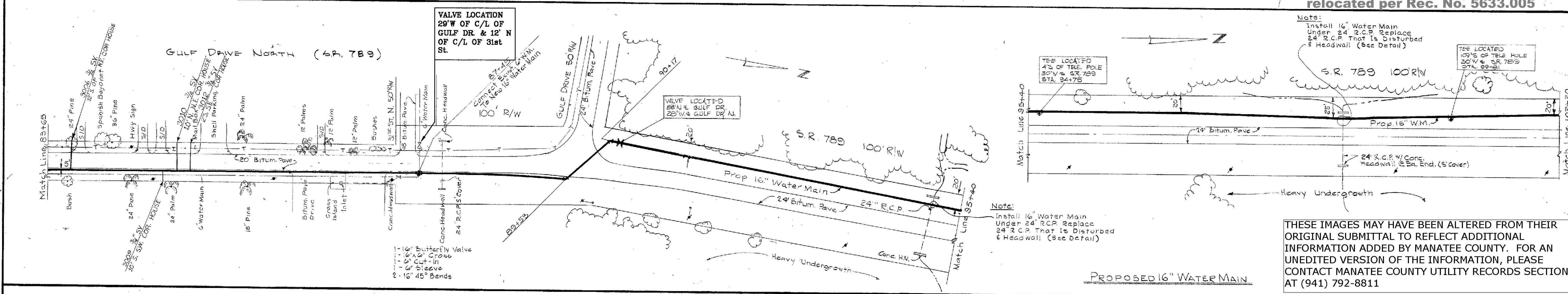
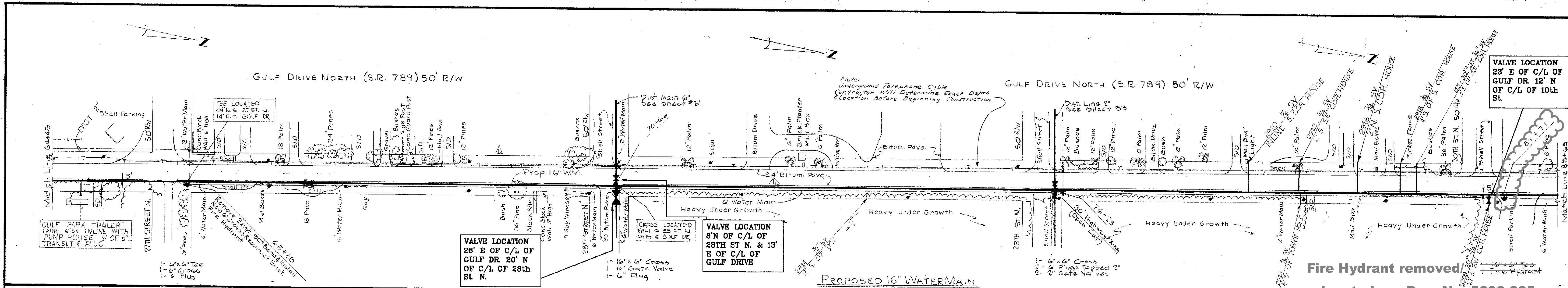
PERFORMED BY: RECORDS/MANATEE COUNTY WWS DWG-C-402 20180831 11:59 AM SCOTT MERION

DATE: 11/29/2017

REGISTRATION NO. 50652

C-402

6809.006



Fire Hydrant removed & relocated per Rec. No. 5633.005

THESE IMAGES MAY HAVE BEEN ALTERED FROM THEIR ORIGINAL SUBMITTAL TO REFLECT ADDITIONAL INFORMATION ADDED BY MANATEE COUNTY. FOR AN UNEDITED VERSION OF THE INFORMATION, PLEASE CONTACT MANATEE COUNTY UTILITY RECORDS SECTION AT (941) 792-8811

APR 68	A.S. BUILT	CMH		
MAY 67	A.S. BUILT	CMH		
2	Fee 67	Revised Fire Hydrant Location		
1	REV 66	CHANGED PIPE LOCATION FROM 2' TO 5' FROM 24\"/>		
NO.	DATE	DESCRIPTION	BY	CHK.
REVISIONS				
RUSSELL & AXON, INC. CONSULTING ENGINEERS DAYTONA BEACH, FLA. ST. LOUIS, MO.				
WATER WORKS PROJECT ANNA MARIA ISLAND WATER SYSTEM SECTION II - PART "C"				
MANATEE COUNTY, FLORIDA			DESIGNED BY: FILE NO. 6353-30-19-IX DRAWN BY: J.H. FE. SHEET No. 19 IX CHECKED BY: W.H. DATE: 3/64 OF 44 SHEETS SCALE: 1" = 60'-0"	
SEAL REGISTERED PROFESSIONAL ENGINEER No. 3748 State of Florida				