

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

| Fiscal Years | 2022 | 2023 | 2024 | 2025 | 2026 |
|--|----------|----------|----------|----------|----------|
| Capital Expenditures - | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Operating Costs | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| External Revenues | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| Program Income (County) | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| In-Kind Match County | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| NET FISCAL IMPACT | 0 | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |
| # ADDITIONAL FTE POSITIONS (Cumulative) | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> | <u>0</u> |

Budget Account No.: **Fund** **Dept** **Unit** **Object**

Is Item Included in Current Budget? Yes ___ No ___

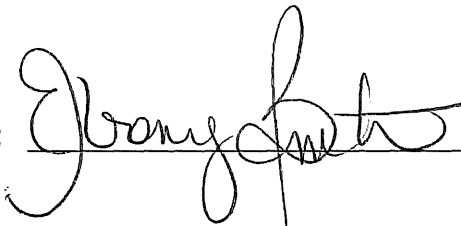
Does this item include the use of federal funds? Yes ___ No ___

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

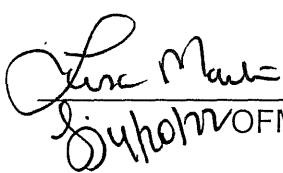
No Fiscal Impact.

C. Department Fiscal Review:

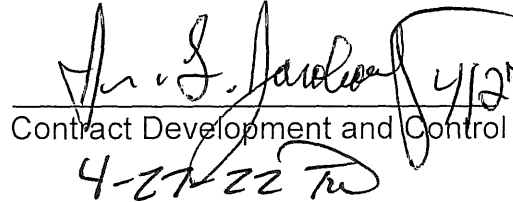

GE

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:


4/21/22

 Director OFMB 4-20-22


4/27/22

 Contract Development and Control
 4-27-22 TW

B. Legal Sufficiency:


4/28/22

 Assistant County Attorney

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

ATTACHMENT 1
Location Map



Prepared by
Timothy Olenn, Esq
1900 Glades Rd, Suite #245
Boca Raton, FL 33431

Return to:
Palm Beach County Water Utilities Department
8100 Forest Hill Blvd.
West Palm Beach, FL 33413
Attn: Jackie Michels, P.E., Project Manager

INDEMNIFICATION AGREEMENT

THIS INDEMNIFICATION AGREEMENT (the "Agreement") is made and entered into this _____ day of _____, 2022 by and between Soma Investors, LLC, a Florida limited liability company (hereinafter "Property Owner") and Palm Beach County, a political subdivision of the State of Florida ("County").

WHEREAS, Property Owner owns certain parcels of real property more particularly described in Exhibit "A", which is attached hereto and incorporated herein by reference (the "Property");

WHEREAS, Property Owner is in the process of developing/redeveloping the Property in accordance with a site plan, which is attached hereto and incorporated herein by reference as Exhibit "B" (the "Site Plan");

WHEREAS, Property Owner wishes to utilize various private wastewater facilities to connect to the County's wastewater system, comprising of a 4" and 6" wastewater service lateral which connect to an existing private lift station on an adjacent property, which flows into a 2" wastewater force main, which terminates at a 2" wastewater flushing connection ("Private Sewer Collection System") which disposes of wastewater into the County's wastewater system;

WHEREAS, the Property is subject to that certain Lift Station Agreement recorded in OR Book 11604, Page 473, said document is also referenced as Exhibit "C" in that Declaration of Unity of Control and Cross Easement for Zoning Petition PDD-POA 79-182(b), recorded in OR Book 12923, Page 1426, as amended by Addendum to Lift Station Agreement recorded in OR Book 14197, Page 1020, Public Records of Palm Beach County, Florida (as to Parcels 1,2&3) all in the Public Records of Palm Beach County, Florida;

WHEREAS, the Lift Station Agreement secures the right of the Property Owner to dispose of wastewater into the County's wastewater system; and

WHEREAS, the County requires the Property Owner to indemnify, defend, and hold the County harmless if the Property Owner, its heirs, successors, legal representatives and assigns are unable to utilize the Private Sewer Collection System to dispose of wastewater into the County's wastewater system.

NOW, THEREFORE, Property Owner and County agree as follows:

1. **Recitals.** The foregoing recitals are true and correct and are incorporated herein by reference.
2. **Indemnification.** Property Owner, its heirs, successors, legal representatives and assigns hereby agrees to indemnify, defend, and hold County harmless from and against any and all liabilities, damages, penalties, claims, costs, and expenses whatsoever, including attorneys' fees at all levels, which may be imposed upon or asserted against the County by the owner of the Property or by any tenant or other occupant of the Property, as a result of or in any way connected to the inability of any such party to utilize the Private Sewer Collection System to dispose of wastewater into the County's wastewater system.
3. **Acknowledgment.** Property Owner acknowledges that, by permitting Property Owner to utilize the Private Sewer Collection System to dispose of wastewater into the County's wastewater system, the County is in no way approving the design nor the construction of the Private Sewer Collection System, nor is the County guaranteeing that the Private Sewer Collection System is properly sized to serve the wastewater disposal needs of the Property now or in the future.
4. **Recordation.** This Agreement shall run with the land and shall be recorded in the Public Records of Palm Beach County.
5. **Remedies.** This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Agreement will be held in Palm Beach County. No remedy herein conferred is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder now or hereafter.
6. **Successors and Assigns.** This Agreement shall be binding upon the Property Owner and County and their respective heirs, successors, legal representatives and assigns.
7. **Waiver.** The failure of either party to insist on the strict performance of any of the agreements, terms, covenants and conditions hereof shall not be deemed a waiver of any rights or remedies that said party may have for any subsequent breach, default, or non-performance, and said party's right to insist on strict performance of this Agreement shall not be affected by any previous waiver of course or dealing.
8. **Severability.** If any term or provision of this Agreement, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable by any court of competent jurisdiction, then the remainder of this Agreement, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.
9. **Notice.** All notices provided for herein shall be in writing and transmitted by mail or by courier, and, if to the Property Owner, shall be mailed or delivered to the Property Owner at:

With a copy to:

Soma Investors, LLC at

C/O Daniel Lustig, Esq.
1209 N. Olive Avenue, West Palm Beach, FL 33401
daniel@pikelustig.com

and if to County, shall be mailed or delivered at:

Palm Beach County Water Utilities Department
8100 Forest Hill Blvd.
West Palm Beach, FL, 33413
Attn: Department Director

10. **Amendment and Modification.** This Agreement may only be amended modified, changed, supplemented or discharged by an instrument in writing signed by the parties hereto.

11. **Entirety of Agreement.** The County and the Property Owner agree that this Agreement and any Exhibits hereto set forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Agreement may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties.

12. **Palm Beach County Office of the Inspector General.** Palm Beach County has established the Office of the Inspector General in Palm Beach County Code, Section 2-421 - 2-440, as may be amended. The Inspector General's authority includes but is not limited to the power to review past, present and proposed County contracts, transactions, accounts and records, to require the production of records, and to audit, investigate, monitor, and inspect the activities of its officers, agents, employees, and lobbyists in order to ensure compliance with contract requirements and detect corruption and fraud.

Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be in violation of Palm Beach County Code, Section 2-421 - 2-440, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second-degree misdemeanor.

13. **No Third-Party Beneficiary.** No provision of this Agreement is intended to, or shall be construed to, create any third-party beneficiary or to provide any rights to any person or entity not a party to this Agreement, including but not limited to any citizen or employees of the County and/or the Property Owner.

[SIGNATURES ON FOLLOWING PAGE]

ATTEST:

Joseph Abruzzo, Clerk of the Circuit Court and Comptroller

Palm Beach County, Florida, by its Board of County Commissioners

By: _____
Deputy Clerk

By: _____
Robert S. Weinroth, Mayor

Approved as to Form and to Legal Sufficiency

Approved as to Terms and Conditions

By: _____
County Attorney

By: Christina Bell for
Director of Water Utilities

WITNESSES:

PROPERTY OWNER:

[Signature]
Print name: Ivonne Osugi

SOMA INVESTORS, LLC,
a Florida limited liability company
By: [Signature]
Name: Jacqueline Nunez
Title: Authorized Member

[Signature]
Print name: William Sicacha

SOMA INVESTORS, LLC,
a Florida limited liability company
By: [Signature]
Name: Rafael Nunez
Title: Authorized Member

[Signature]
Print name: William Sicacha

[Signature]
Print name: Ivonne Osugi

NOTARY CERTIFICATE

**STATE OF FLORIDA
COUNTY OF PALM BEACH**

The foregoing instrument was acknowledged before me , A Notary Public in and For Palm Beach County, Florida by means of physical presence or online notarization this 29 day of March, 2022 by Rafael Nunez and Jacqueline Nunez as Authorized Members of Soma Investors LLC, a Florida limited liability company,. He/she is personally known to me or has produced _____ as identification.

[Signature]
Signature of Notary

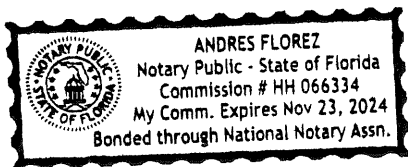


EXHIBIT A
Property Legal Description

3325 Forest Hill Blvd, Palm Springs Fl 33406
PARCEL IDENTIFICATION NUMBER: 70-43-44-07-29-001-0000

1697 Dalinda Lane, Palm Springs Fl 33406
PARCEL CONTROL NUMBER: 70-43-44-07-04-000-0080

PARCEL 1: LOT 8, LARKWOOD, ACCORDING TO MAP OR PLAT THEREOF, AS RECORDED IN PLAT BOOK 23, PAGE 227, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCEL 2: TRACT "A", CHILDREN'S HOME SOCIETY, M.U.P.D., ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 97, PAGE 49 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCEL 3: TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS AND FOR CROSS PARKING AS SET FORTH IN THE DECLARATION OF UNITY OF CONTROL AND CROSS EASEMENT FOR ZONING PETITION PDD-DOA 79-182(B) THE CHILDREN'S HOME SOCIETY OF FLORIDA, A FLORIDA CORPORATION RECORDED IN OR BOOK 12923, PAGE 1426, RE-RECORDED IN OR BOOK 13018, PAGE 748, AND RE-RECORDED IN OR BOOK 13386, PAGE 834 AND EASEMENT SET FORTH IN THAT CERTAIN LIFT STATION AGREEMENT BY AND BETWEEN CUSHMAN FRUIT COMPANY, INC., AND CHILDREN'S BUILDING, INC., RECORDED IN OR BOOK 11604, PAGE 473, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA. SAID DOCUMENT IS ALSO REFERENCED AS EXHIBIT "C" IN THAT DECLARATION OF UNITY OF CONTROL AND CROSS EASEMENT FOR ZONING PETITION PDD-POA 79-182(B), RECORDED IN OR BOOK 12923, PAGE 1426, AS AMENDED BY ADDENDUM TO LIFT STATION AGREEMENT RECORDED IN OR BOOK 14197, PAGE 1020, PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

EXHIBIT B
Site Plan
[See attached]

PROJECT PERFORMANCE CONDITIONS

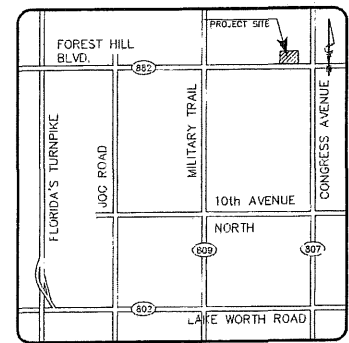
- EXISTING UTILITIES.** THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND "SUNSHINE STATE ONE CALL" TO LOCATE ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION AREA PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES DURING CONSTRUCTION AND RESETTING UTILITIES TO NEW GRADE AND SLOPE WITHIN THE LIMITS OF CONSTRUCTION.
- SAFETY.** THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE PROVISIONS OF THE FLORIDA TRENCH SAFETY ACT, THE FLORIDA UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT, AND ALL APPLICABLE O.S.H.A. REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ALL NECESSARY PRECAUTIONS WHEN WORKING IN THE VICINITY OF OVERHEAD ELECTRICAL LINES.
- MAINTENANCE OF TRAFFIC.** CONTRACTOR SHALL PROVIDE MAINTENANCE OF TRAFFIC (MOT) PLANS, PREPARED BY A WORK SITE TRAFFIC SUPERVISOR AS CERTIFIED BY THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION, PRIOR TO COMMENCING CONSTRUCTION WITHIN FOOT, PBC AND MUNICIPAL RIGHTS-OF-WAY.
- ACCESS.** THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SAFE VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES.
- WARRANTY.** ALL WORK, MATERIALS, OR EQUIPMENT SHALL BE WARRANTED FOR A MINIMUM OF ONE YEAR, FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER OR RESPECTIVE REGULATORY AGENCY (FOOT, PBC, MUNICIPALITY, ETC.) AGAINST DEFECTIVE MATERIALS AND/OR WORKMANSHIP. ALL WORK FOUND TO BE DEFECTIVE WILL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO OWNER OR AGENCY.
- SHOP DRAWINGS.** THE CONTRACTOR SHALL PROVIDE A MINIMUM OF SEVEN (7) COPIES FOR MORE, IF REQUIRED, OF SHOP DRAWINGS, PRODUCT DATA, MATERIAL SPECIFICATIONS AND OTHER INFORMATION REGARDING CONSTRUCTION MATERIALS AND STRUCTURES AS REQUESTED BY THE ENGINEER OF RECORD OR THE REGULATORY AGENCY. SHOP DRAWINGS MUST BE NEATLY PREPARED INFORMATION, DRAWN TO ACCURATE SCALE, STANDARD INFORMATION PREPARED WITHOUT SPECIFIC REFERENCE TO THE PROJECT WILL BE RETURNED TO THE CONTRACTOR WITHOUT REVIEW. SHOP DRAWINGS SHALL BE SUBJECT TO THE FOLLOWING:
 - BY SUBMITTAL OF ANY SHOP DRAWING OR CATALOG DATA BEARING AN APPROVAL STAMP, THE CONTRACTOR REPRESENTS THAT IT HAS DETERMINED AND VERIFIED ALL FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, DIMENSIONS, CATALOG NUMBERS AND SIMILAR DATA OR WILL DO SO, AND THAT IT HAS CHECKED AND COORDINATED EACH ITEM WITH OTHER APPLICABLE APPROVED SHOP DRAWINGS AND THE CONTRACT REQUIREMENTS.
 - SHOP DRAWINGS AND CATALOG DATA SUBMITTED WITHOUT THE CONTRACTOR'S STAMP OF APPROVAL WILL BE RETURNED TO THE CONTRACTOR WITHOUT REVIEW. APPROVAL OF SHOP DRAWINGS, SAMPLES OR CATALOG DATA BY THE ENGINEER OF RECORD OR REGULATORY AGENCY SHALL NOT AUTHORIZE ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
 - ANY PROPOSED SUBSTITUTION TO THAT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE ACCOMPANIED BY CALCULATIONS SUBSTANTIATING EQUIVALENCY. SHOP DRAWINGS WITH SUBSTITUTE MATERIALS NOT ACCOMPANIED BY CALCULATIONS WILL BE RETURNED WITHOUT REVIEW.
 - THE CONTRACTOR SHALL COORDINATE COMPATIBILITY OF PIPE SIZES AND SIZES OF ALL OTHER MATERIALS AND MATERIALS ORDERING PHASE OF THE PROJECT AND ADVISE THE ENGINEER OF RECORD IN WRITING OF ANY DISCREPANCIES.
 - INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.
- FIELD REVIEWS.** THE CONTRACTOR SHALL PROVIDE NOTIFICATION, 48 HOURS (MIN.) PRIOR TO ANY REQUIRED FIELD REVIEWS OR INSPECTIONS AND SHALL SUPPLY ALL NECESSARY EQUIPMENT, LABOR, AND MATERIALS FOR INSPECTION AND/OR TEST. ALL WORK SHALL BE OPEN AND SUBJECT TO REVIEW AND/OR INSPECTION BY AUTHORIZED PERSONNEL OF THE VILLAGE OF PALM SPRINGS, FOOT, PBC/UDF AND THE ENGINEER OF RECORD.
- DENSITY TESTING.** THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TESTING TO ENSURE THAT THE PROPER COMPACTION HAS BEEN ACHIEVED FOR ALL SUBGRADE, BASE MATERIAL, PIPE BASE MATERIAL, BACKFILL, & ALL OTHER AREAS WHERE COMPACTION REQUIREMENTS ARE SPECIFIED. ALL TEST RESULTS SHALL BE SIGNATURED, DATED, AND COPIES PROVIDED TO THE ENGINEER OF RECORD AND TO THE REGULATORY AGENCY AS REQUIRED.
- PERMITS.** THE CONTRACTOR SHALL NOT COMMENCE CONSTRUCTION PRIOR TO RECEIPT OF ALL APPLICABLE PERMITS AND APPROVALS INCLUDING AN APPROVED MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS OF THE PERMITS AND AGENCY APPROVALS.
- EROSION CONTROL.** ALL EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH FOOT INDICES 102, 103 AND 106, THE FDEP NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT (IF APPLICABLE), AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). FILTER FABRIC, FAY SALES OF ROAD BARS SHALL BE INSTALLED IN EACH PILET THROUGHOUT THE CONSTRUCTION PERIOD. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL CONSTRUCTED AT ALL UNSTABILIZED CONSTRUCTION ACCESS POINTS, PER FOOT INDEX NO. 106.
- STORM DRAINAGE.** ALL STORM DRAINAGE PIPE JOINTS SHALL BE WRAPPED IN FILTER FABRIC PER FOOT STANDARD INDEX NO. 380. ALL DRAINAGE STRUCTURES SHALL CONFORM TO THE REQUIREMENTS OF FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. ALL SPACES SHALL BE SECURED TO THE STRUCTURES WITH AN EMBOLT AND CHAIN. ALL STORM DRAINAGE SHALL BE FREE OF SILT AND SEDIMENT AT THE TIME OF FINAL ACCEPTANCE BY THE VILLAGE OF PALM SPRINGS.
- DEWATERING.** THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ANY DEWATERING PERMITS AND/OR APPROVALS NECESSARY FOR CONSTRUCTION. NO WATER FROM DEWATERING MEASURES SHALL BE DISCHARGED OFF-SITE. ALL DEWATERING SHALL BE CONFINED TO ON-SITE SEDIMENT BASINS.
- SIDEWALKS.** ALL SIDEWALKS SHALL BE CONSTRUCTED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, CHAPTER 11 - FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL CURB RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FOOT STANDARD INDEX NO. 304 AND THE REQUIREMENTS OF THE FLORIDA BUILDING CODE. ALL WALKWAYS CROSSING VEHICULAR AREAS SHALL HAVE A DETECTABLE WARNING SURFACE (TRUNCATED CONES) IN ACCORDANCE WITH FOOT STANDARD INDEX NO. 304 AND THE FLORIDA BUILDING CODE, CHAPTER 11 - ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION. ALL SIDEWALKS SHALL BE BROOM FINISHED WITH AN EVEN, DUSTLESS SURFACE AND SHALL BE FREE OF CRACKS AT TIME OF FINAL ACCEPTANCE.
- PAVEMENT.** WHERE FULL-DEPTH PAVEMENT REPLACEMENT IS SPECIFIED, EXISTING BASECOURSE MAY NOT BE RE-USED, HOWEVER IT MAY BE UTILIZED AS SUBGRADE STABILIZATION MATERIAL. ALL SUBGRADE SHALL BE FREE OF MUCK, ROOTS, UNDERBRUSH, VEGETATIVE MATTER, GASOLINE, TRASH, OR ANY OTHER UNDESIRABLE MATERIALS. BASECOURSE AND ASPHALT SHALL BE PLACED IN MULTIPLE LIFTS AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. FINAL LIFT OF ASPHALT SHALL PROVIDE A UNIFORM FINISH AND SHALL BE PLACED TO CORRECT MINOR IMPERFECTIONS IN THE FIRST LIFT AND TO PROVIDE PROPER DRAINAGE FOR THE ROADWAY.
- SIGNING AND PAVEMENT MARKINGS.** ALL PAVEMENT MARKINGS SHALL COMPLY WITH THE APPLICABLE STANDARDS OF FOOT, PBC AND THE REGULATORY AGENCY HAVING JURISDICTION ON THE PROJECT. PAVEMENT MARKINGS WITH PUBLIC RIGHT-OF-WAY SHALL BE THERMOPLASTIC. THERMOPLASTIC SHALL NOT BE INSTALLED ON PAVEMENT UNTIL A MINIMUM OF 14 CALENDAR DAYS AFTER THE FINAL LIFT OF ASPHALT HAS BEEN COMPLETED. PAINT MATERIAL SHALL NOT BE APPLIED TO NEW ASPHALT UNTIL SEVEN CALENDAR FOLLOWING THE FINAL LIFT OF ASPHALT. BLUE/BLUE REFLECTIVE PAVEMENT MARKERS (RPM) SHALL BE INSTALLED TO INDICATE THE LOCATION OF ALL FIRE HYDRANTS.



SOMA

3325 FOREST HILL BOULEVARD
PALM SPRINGS, FLORIDA 33461

CIVIL ENGINEERING PLANS
DCI PROJECT NO. 20007



LOCATION MAP
N15

SEC. 07, TWP. 44S, RGE. 43E

INDEX OF DRAWINGS

- C1 TITLE SHEET
- C2 SIGNING & MARKINGS AND PAVING, GRADING & DRAINAGE PLAN
- C3 PAVING, GRADING & DRAINAGE DETAILS & NOTES
- C4 SIGNING & PAVEMENT MARKINGS DETAILS & NOTES
- C5 WATER AND SANITARY SEWER PLANS
- C6-C9 PBCWUD WATER DETAILS & NOTES

DATE: 08/21/2010
RECEIVED

APPROVED
PALM BEACH COUNTY WATER UTILITIES DEPT.

Jes
DATE: 08/21/2010
PRE WORK CONFERENCE REQUIRED
Approval is valid for one (1) year from date of approval.

MINIMUM BACKLOG FOR TESTING

- THE BACKLOG FOR ALL TESTING SHALL BE AS FOLLOWS:
 - 1. ALL TESTING SHALL BE COMPLETED WITHIN 10 BUSINESS DAYS OF THE DATE OF THE PERMIT TO CONSTRUCT.
 - 2. ALL TESTING SHALL BE COMPLETED WITHIN 10 BUSINESS DAYS OF THE DATE OF THE PERMIT TO CONSTRUCT.
 - 3. ALL TESTING SHALL BE COMPLETED WITHIN 10 BUSINESS DAYS OF THE DATE OF THE PERMIT TO CONSTRUCT.

ALL MATERIALS, CONSTRUCTION AND TESTING SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS INCLUDING AN APPROVED MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS OF THE PERMITS AND AGENCY APPROVALS.

Call 561-740-4000 Ext. 1 in the event of damage to gravity sewer lines main, under main or replacement water lines owned by PBC Utilities.

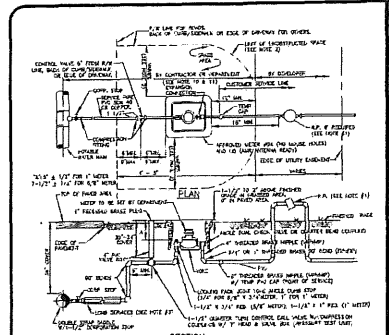
NO PARTS OR MATERIALS SHALL BE USED IN THIS PROJECT UNLESS THEY ARE APPROVED BY THE ENGINEER OF RECORD. ALL MATERIALS SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATION.

FINAL CIVIL ENGINEERING PLANS
OCTOBER 5, 2020

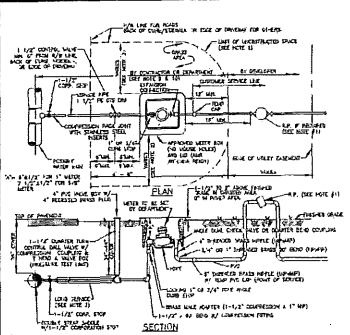
PREPARED BY:
DCI
DIFONTE CONSULTING, INC.
2089 APPALOOSA TRAIL
WELLINGTON, FLORIDA 33414
TEL. & FAX: (561) 792-7551
WWW.DIFONTE.COM
CERTIFICATE OF AUTHORIZATION: 8432

Difonte
Difonte
FL PB No. 41885

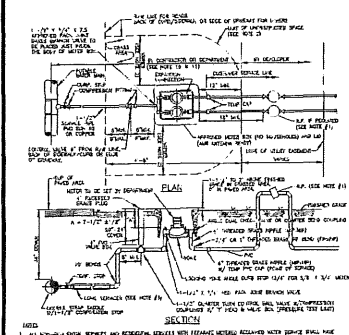
9/16/20
Date
WUD#21-503



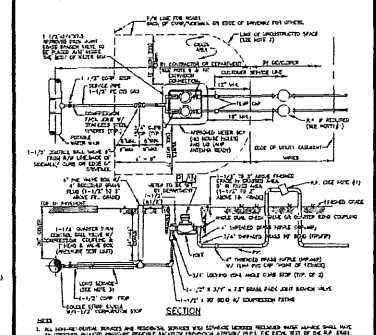
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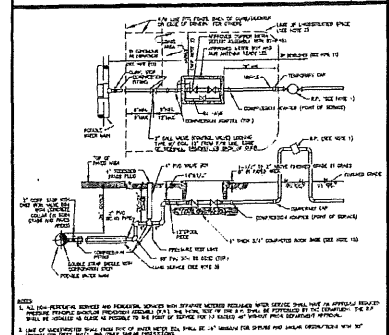
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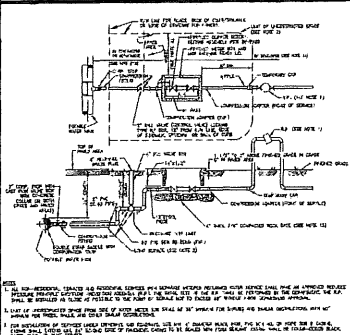
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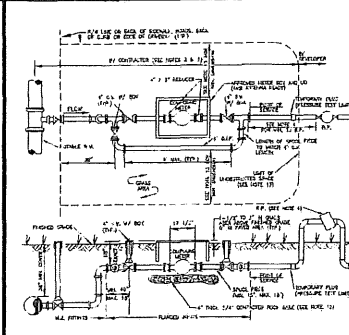
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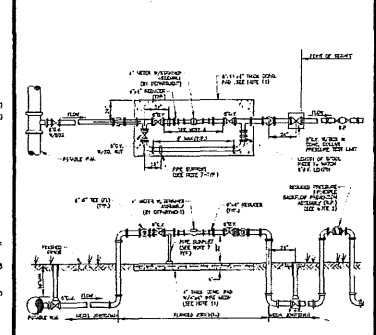
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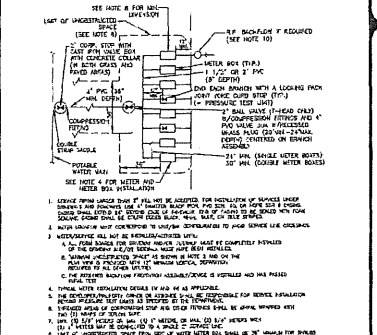
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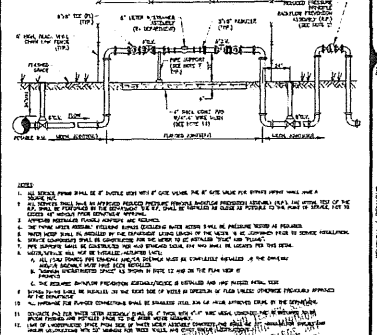
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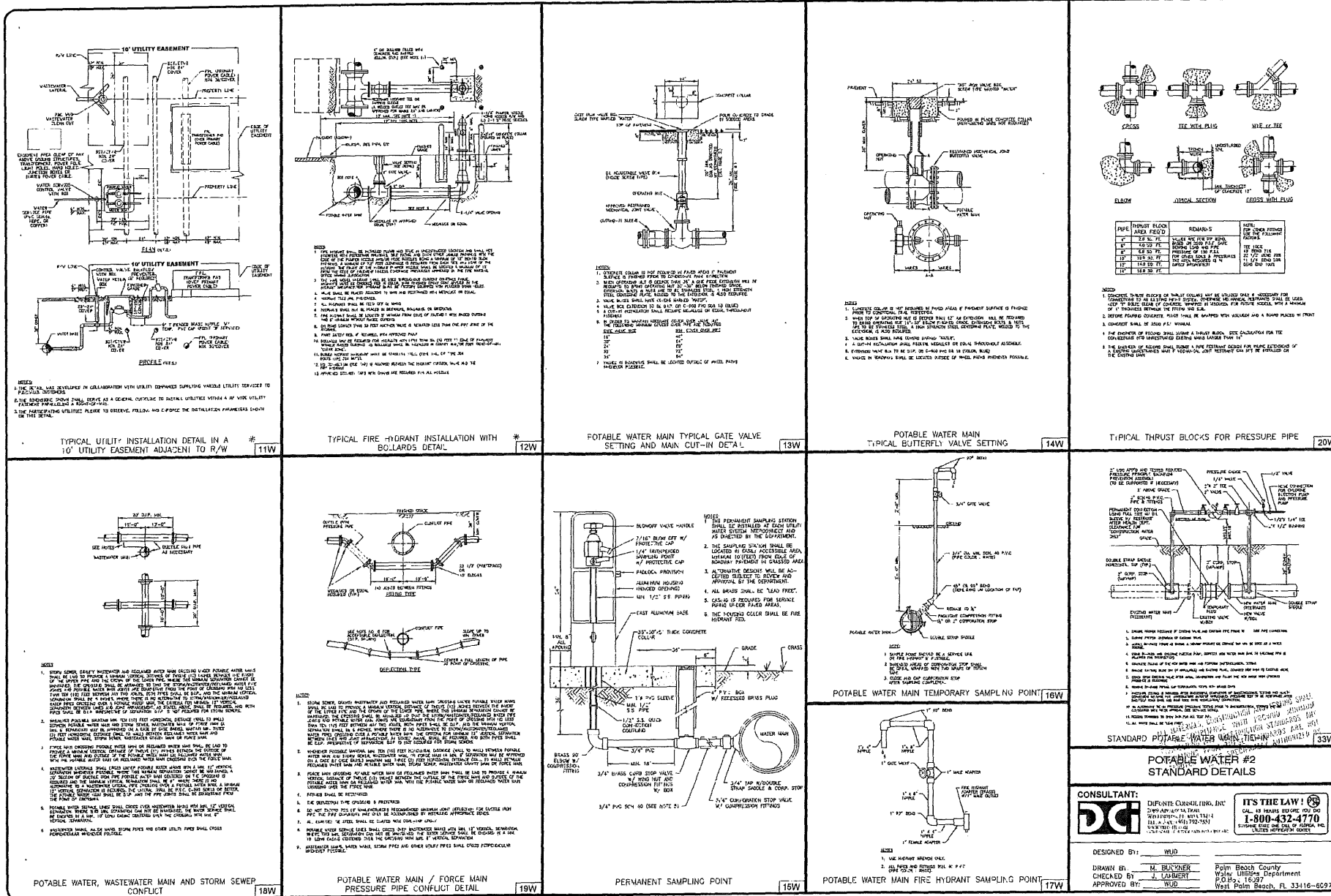
9\"/>



5\"/>



10\"/>



TYPICAL UTILITY INSTALLATION DETAIL IN A 10' UTILITY EASEMENT ADJACENT TO R/W # T11W
 TYPICAL FIRE HYDRANT INSTALLATION WITH BOLLARDS DETAIL # T12W
 POTABLE WATER MAIN TYPICAL GATE VALVE SETTING AND MAIN CUT-IN DETAIL # T13W
 POTABLE WATER MAIN TYPICAL BUTTERFLY VALVE SETTING # T14W
 TYPICAL THRUST BLOCKS FOR PRESSURE PIPE # T20W
 POTABLE WATER, WASTEWATER MAIN AND STORM SEWER CONFLICT # T18W
 POTABLE WATER MAIN / FORCE MAIN PRESSURE PIPE CONFLICT DETAIL # T19W
 PERMANENT SAMPLING POINT # T15W
 POTABLE WATER MAIN FIRE HYDRANT SAMPLING POINT # T17W

DESIGNED BY: WUD
 DRAWN BY: N. BUCKNER
 CHECKED BY: J. LAMBERT
 APPROVED BY: WUD
 DATE: 02/25/07

PROJECT NO. 21-503

SOMA MEDICAL CENTER
 3925 FOREST HILL BLVD.
 PALM SPRINGS, FLORIDA 33461

PALM BEACH COUNTY
 WATER UTILITIES DEPARTMENT
 P.O. BOX 18007
 WEST PALM BEACH, FL 33418
 (561) 838-5000

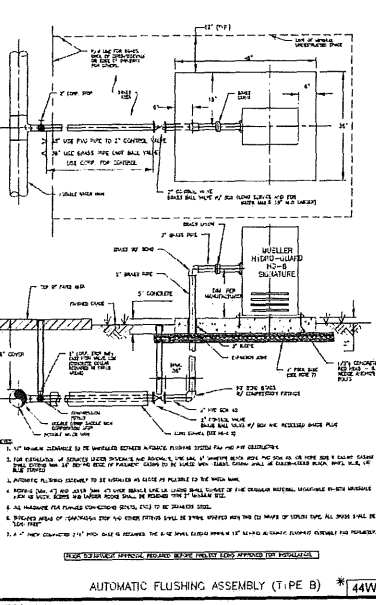
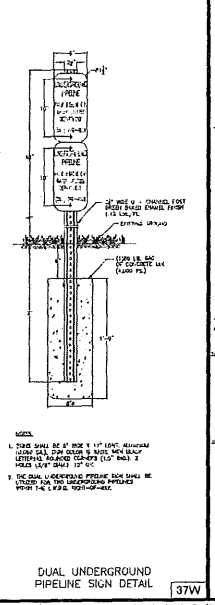
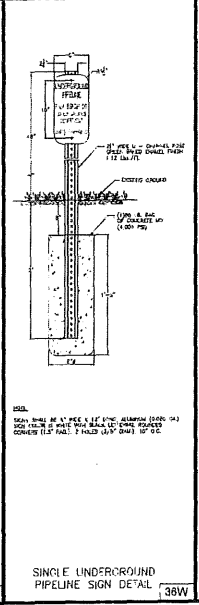
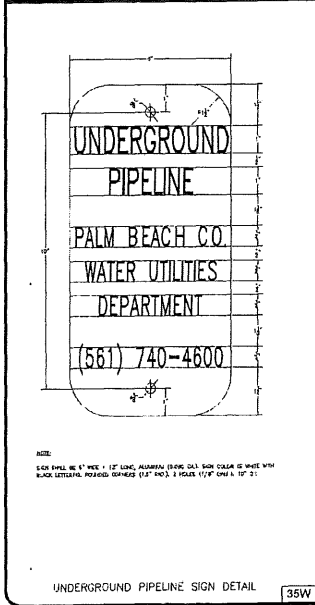
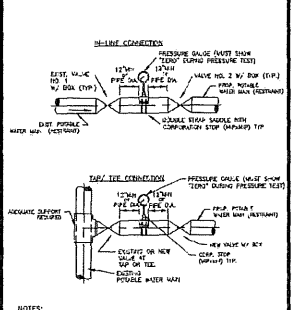
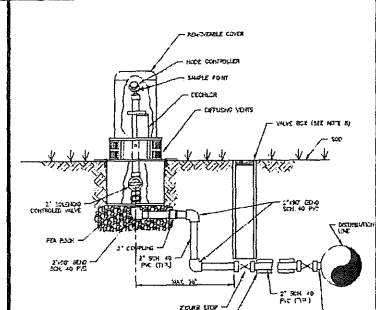
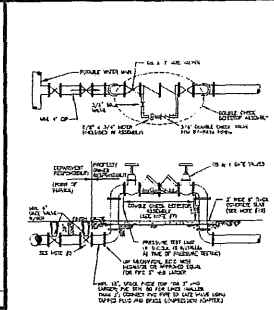
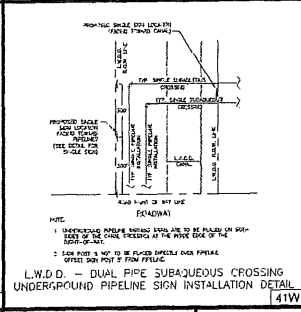
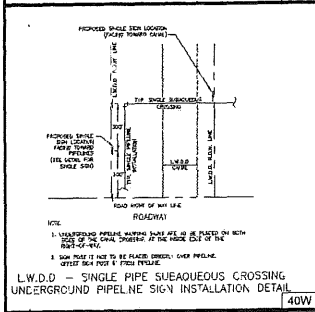
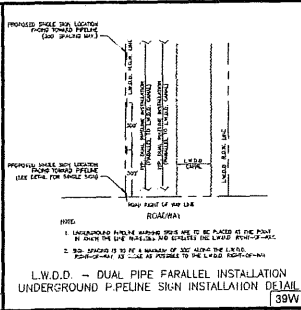
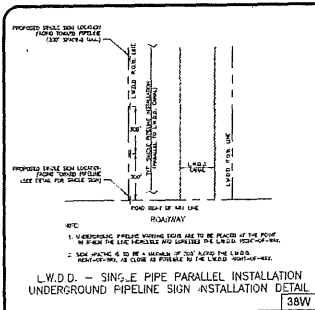
STANDARD WATER MAIN DETAILS #133W

POTABLE WATER #2 STANDARD DETAILS

CONSULTANT: DCI
 DIFONTE CONSULTING, INC.
 1800-432-4770

DESIGNED BY: WUD
 DRAWN BY: N. BUCKNER
 CHECKED BY: J. LAMBERT
 APPROVED BY: WUD

DATE: 02/25/07



MECHANICAL THRUST RESTRAINT MINIMUM PIPE LENGTHS

| FITTING TYPE | MIN. LENGTH OF PIPE (FEET) TO BE RESTRAINED FROM MOVEMENT | | | | | | | | | | | |
|--------------|---|--------|-----|------|-----|-----|-----|-----|-----|-----|------|------|
| | 1" | 1 1/2" | 2" | 3" | 4" | 6" | 8" | 10" | 12" | 16" | 20" | 24" |
| 90° ELBOW | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| 45° ELBOW | 0.5 | 0.75 | 1.0 | 1.25 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.5 | 5.5 | 6.5 |
| TEE | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| CROSS | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 9.0 | 11.0 | 13.0 |
| FLANGE | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 9.0 | 11.0 | 13.0 |

POTABLE WATER MAIN PRESSURE TEST CRITERIA

| PIPE SIZE (INCHES) | MINIMUM QUANTITY OF WATER (GALLONS PER HOUR) THAT MAY BE SUPPLIED TO MAINS DURING PRESSURE TEST | | | | | | | | | | | |
|--------------------|---|--------|-----|-----|-----|-----|-----|------|------|------|------|------|
| | 1" | 1 1/2" | 2" | 3" | 4" | 6" | 8" | 10" | 12" | 16" | 20" | 24" |
| 15 MIN | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 16.0 | 20.0 | 24.0 |
| 30 MIN | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 16.0 | 20.0 | 24.0 |
| 1 HOUR | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 16.0 | 20.0 | 24.0 |
| 2 HOURS | 1.0 | 1.5 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 16.0 | 20.0 | 24.0 |

POTABLE WATER #4 STANDARD DETAILS

CONSULTANT: DIERING CONSULTING, INC. 1800-432-4770

DESIGNED BY: WUD

DRAWN BY: M. BUCHNER

CHECKED BY: J. LAURENT

APPROVED BY: WUD

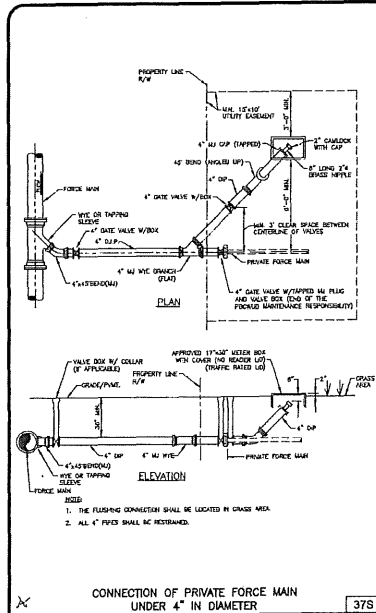
IT'S THE LAW! 1-800-432-4770

DESIGNED BY: WUD

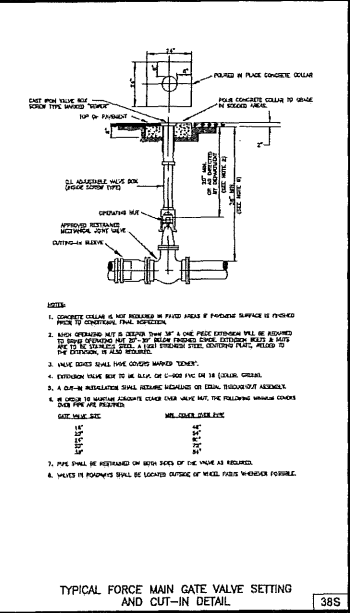
DRAWN BY: M. BUCHNER

CHECKED BY: J. LAURENT

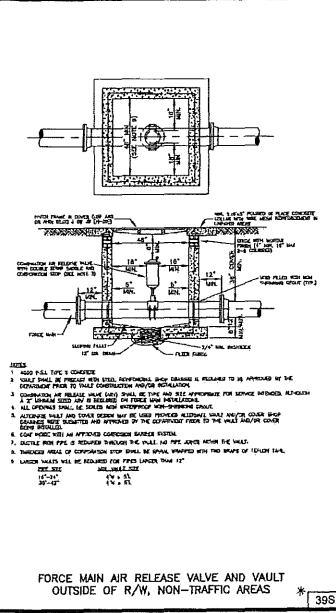
APPROVED BY: WUD



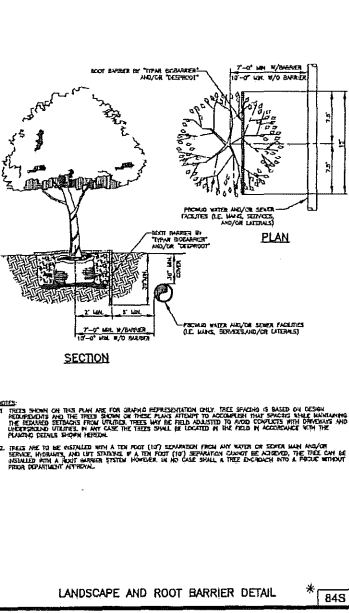
CONNECTION OF PRIVATE FORCE MAIN UNDER 4" IN DIAMETER 37S



TYPICAL FORCE MAIN GATE VALVE SETTING AND CUT-IN DETAIL 38S



FORCE MAIN AIR RELEASE VALVE AND VAULT OUTSIDE OF R/W, NON-TRAFFIC AREAS 39S



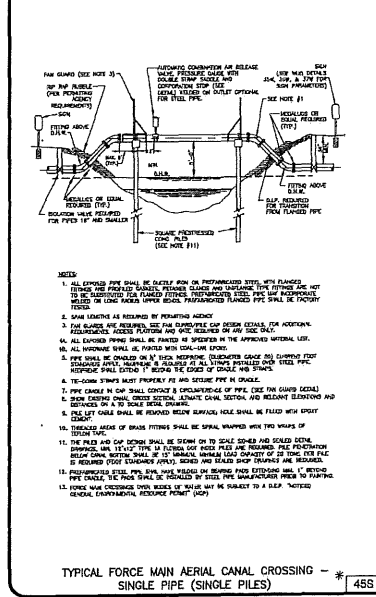
LANDSCAPE AND ROOT BARRIER DETAIL 40S

MIL LENGTH OF PIPE (FEET) TO BE RESTRAINED

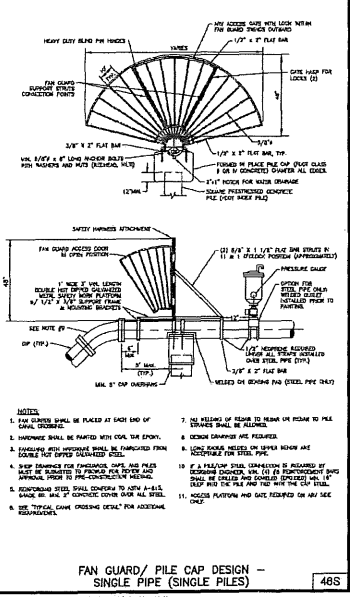
| FITTING TYPE | PIPE SIZE | | | | | | | | | | | |
|--------------|-----------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 4" | 6" | 8" | 10" | 12" | 14" | 16" | 18" | 20" | 24" | 30" | 36" |
| FLANGE | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 72 | 84 | 96 |
| WELDED | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 72 | 84 | 96 |
| FLANGE | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 72 | 84 | 96 |
| WELDED | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 72 | 84 | 96 |

MECHANICAL THRUST RESTRAINT MINIMUM PIPE LENGTHS (FORCE MAINS) 41S

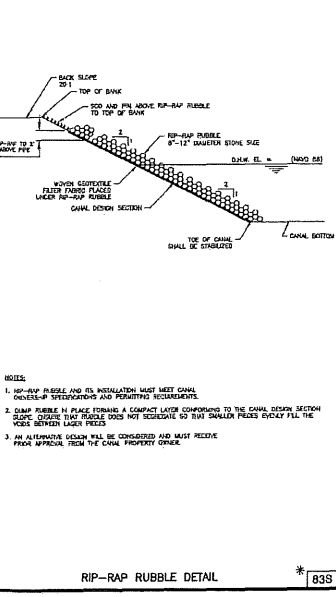
| PIPE SIZE | STEEL | | DUCTILE IRON | |
|-----------|-------|--------|--------------|--------|
| | PIPE | FLANGE | PIPE | FLANGE |
| 4" | 12' | 12' | 12' | 12' |
| 6" | 18' | 18' | 18' | 18' |
| 8" | 24' | 24' | 24' | 24' |
| 10" | 30' | 30' | 30' | 30' |
| 12" | 36' | 36' | 36' | 36' |
| 14" | 42' | 42' | 42' | 42' |
| 16" | 48' | 48' | 48' | 48' |
| 18" | 54' | 54' | 54' | 54' |
| 20" | 60' | 60' | 60' | 60' |
| 24" | 72' | 72' | 72' | 72' |
| 30" | 84' | 84' | 84' | 84' |
| 36" | 96' | 96' | 96' | 96' |



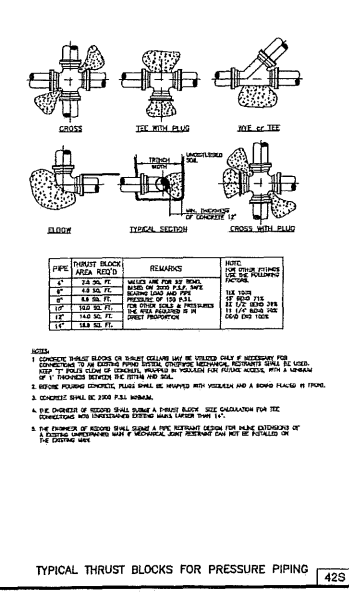
TYPICAL FORCE MAIN AERIAL CANAL CROSSING - SINGLE PIPE (SINGLE PILES) 43S



FAN GUARD / PILE CAP DESIGN - SINGLE PIPE (SINGLE PILES) 46S



RIP-RAP RUBBLE DETAIL 43S



TYPICAL THRUST BLOCKS FOR PRESSURE PIPING 42S

WASTEWATER #6 STANDARD DETAILS 44S

DESIGNED BY: WUD

DRAWN BY: M. BUCKNER Palm Beach County Water Utilities Department

CHECKED BY: J. LAMBERT P.O. BOX 10097 WEST PALM BEACH, FL 33411

APPROVED BY: WUD

DATE: JUNE 2018 (REVISIONS)

PROJECT NO. 00-000

PROJECT NAME

SCALE

SHEET NUMBER 0 OF 0

DATE: JUL 30, 2018