CITY OF NAPLES
PURCHASING DIVISION
CITY HALL, 735 8TH STREET SOUTH
NAPLES, FLORIDA 34102
PH: 239-213-7100 FX: 239-213-7105

ADDENDUM NUMBER 2

NOTIFICATION DATE:	BID TITLE:	BID NUMBER:	BID OPENING DATE & TIME:
01/29/16	Utilities Maintenance Building Replacement	16-022	03/01/2016 2:00PM

THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

The following clarifications are issued as an addendum identifying the following changes for the referenced solicitation:

PLEASE FIND ATTACHED:

Addendum 2 - Exhibit A

IMPORTANT MESSAGE

PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.

Addendum 2 - Exhibit A

Disney & Associates, PA

Registration AA 0002502
1865 Veterans Park Drive, Suite 301
Naples, Florida 34105-0447
Phone 239-596-2872

Architecture and Planning

Date: January 29, 2016

ADDENDUM NO. 2

Project: City of Naples - Utilities Maintenance Building

Architects Project No. 15-581

The contents of this Addendum are a part of the contract documents dated November 30, 2015, and change them only in the manner and to the extent stated herein. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.

This Addendum consists of seven (7) pages and three (3) Drawings.

The contract documents for this project are hereby modified as follows:

BIDDER PERMIT SUBMISION REQUIREMENTS

1. The project plans shall be submitted by the successful bidder to the City of Naples for a permit as may be required by the City of Naples Building Department. Certain items shall be included by the contractor with the plans submission. Items include but are not limited to:
    a. Complete Florida product approval(s) or NOAs including underlayment and all installation sheets.
    b. Drawings signed and sealed by the Design Professionals.
    c. Permit Applications and other documentation as required by the City.

MODIFICATIONS TO THE SPECIFICATIONS

2. Drawing A-800 – Cash Allowance – DELETE, Item A in its entirety.
3. Drawing A-802 Section 09310 – Ceramic Tile; DELETE item 2.B and all sub items 1-5. Revise Item 2.A. to read as Follows:
    A. Ceramic Tile, Unglazed / Glazed:
        1. Vendor / Manufacturer: As indicated on the drawings
        2. Type: As indicated on the drawings.
        3. Size: As indicated on the drawings.
        4. Catalog Number and / or colors: As indicated on the drawings.
4. Drawing A-803 ADD; Section 10500 – Metal Lockers. The specification section is attached as part of this addendum.

MODIFICATIONS TO THE DRAWINGS

1. Drawing A-200 Generator Details – Clarification, Generator is supplied and installed by the owner, including final connections, load testing and fuel. See the electrical drawing for GC installed items

including but not limited to conduit, conductors, ground boxes, pull lines, etc.

2. General Clarification Sequence of the Work – The existing Utility Maintenance operations of the City of Naples shall remain in operation during the entire construction sequence. Initial construction shall commence on the existing West parking asphalt area. Establish construction limits as coordinated with the users. 1) Construction the new building; 2) Owner vacates the existing building and secures occupancy within the new structure; 3) Existing building is demolished and the site is cleared; 4) Construct the new parking and generator pad with associated landscaping to project completion.
3. General clarification Site Plan – Existing Building Demolition – Upon completion of the new building construction and owner occupancy the existing Maintenance building of roughly 6,500 sf shall be demolished and removed from the site (salvaged or legally disposed). Removal shall include all building structure, slab, underground piping (domestic and sanitary), and piling cut to a point 24" below the existing grade.
4. Drawing A-201, Clarification, Spaces #105 Equipment Shop and #111 Parking are listed finish Type C with the finish schedule floor of Concrete, Sealed. These two (2) spaces shall have a light broom finish for slip resistance. The sealer shall be Euclid Chemical, Surflex, Dry Shake application, or equivalent as approved in advance by the Architect.
5. Sheet A-201 – Space #100 Multi-Purpose – Clarification – The wall Monitor illustrated on the North wall is provided and installed by the Owner.
6. Sheet A-201 – Clarification – Floor Plan Key Note #12 – Ice Machine and Air Compressor equipment and installation shall be by the Owner. GC shall coordinate final connection needs with Owners equipment.
7. Sheet A-201 – Clarification – Floor Plan Key Note #13 – REVISE to read; Owner provided and installed appliances for break room are Refrigerator, Microwave and Dishwasher. GC shall coordinate final size and connection requirements.
8. Civil drawings 3, 4 5 and 6 of 8 as revised and hereby re-issued as a part of this addendum.

ATTACHMENTS

Specifications 10500 Metal Lockers (5 pages)
Civil Drawings 3, 4, 5 and 6 of 8

E N D O F A D D E N D U M

File: 15-581/specs/00902

SECTION 10500 - METAL LOCKERS

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

SUMMARY

This Section includes metal lockers and related equipment as indicated on drawings.

Types of products in this section include the following:

Wardrobe lockers 12” wide x 18” deep.

Single-tier.

SUBMITTALS

Submit the following in accordance with Conditions of Contract and Division Specification sections.

Product data and installation instructions for metal locker units.

Color Samples on squares of same metal to be used for fabrication of lockers.

Shop Drawings that show metal lockers in dimensioned relation to adjacent surfaces. Show lockers in detail, method of installation, fillers, trim, base, and accessories. Include locker numbering sequence information.

Combination Listing for combination locks and their respective locker numbers. Coordinate with shop drawings submittal, if required.

QUALITY_ASSURANCE

Uniformity: Provide metal lockers that are standard products of single manufacturer, with interchangeable like parts. Include necessary mounting accessories, fittings, and fastenings.

JOB CONDITIONS

Do not deliver metal lockers until building is enclosed and ready for locker installation. Protect from damage during delivery, handling, storage, and installation.

PART 2 - PRODUCTS

MANUFACTURERS

Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the work include, but are not limited to, the following:

Manufacturer: Subject to compliance with requirements, provide products of one of the following:

De Bourgh Manufacturing Co.
The Interior Steel Equipment Co.
Lyon Metal Products
Medart Inc.
Penco Products Inc.
Republic Storage Systems

MATERIALS

Sheet Steel: Mild cold-rolled and leveled furniture steel, free from buckle, scale, and surface imperfections.

Fasteners: Cadmium, zinc, or nickle plated steel; exposed bolt heads, slotless type; self-locking nuts or lock washers for nuts on moving parts.

Equipment: Hooks and hang rods of cadmium-plated or zinc-plated steel.

FABRICATION, GENERAL

Construction: Fabricate lockers square, rigid, and without warp, with metal faces flat and free of dents or distortion. Make exposed metal edges safe to touch. Weld frame members together to form rigid, one-piece structure. Weld, bolt, or rivet other joints and connections. Grind exposed welds flush. Do not expose bolts or rivet heads on fronts of locker doors or frames.

Frames: Fabricate of 16-gage channels or 12-gage angles, minimum, with continuous stop/strike formed on vertical members.

Finishing: Chemically pretreat metal with degreasing and phosphatizing process. Apply baked-on enamel finish to all surfaces, exposed and concealed, except plates and nonferrous metal.

Color: Provide locker units in color(s) selected by Architect from manufacturer's standards. Concealed parts may be manufacturer's standard neutral color.

WARDROBE LOCKERS

Body: Fabricate back and sides of minimum 24-gage steel, with double-flanged connections extending full height. Form top and bottom of not less than 24-gage steel, with flanged edges.

Form exposed ends of non-recessed lockers of minimum 16-gage steel.

Door: One-piece, minimum 16-gage sheet steel, flanged at all edges, constructed to prevent springing when opening or closing. Fabricate to swing 180 degrees.

Reinforcing: Provide extra bracing or reinforcing on inside of doors over 15 inches wide.

Ventilation: Provide stamped, louvered vents in door face, as follows:

Single-tier lockers: Not fewer than 6 louver openings top and bottom.

Double-tier lockers: Not fewer than 3 louver openings top and bottom.

Hinges: Steel, full-loop, 5-knuckle, tight pin. Weld to inside of frame and secure to door with not fewer than 2 factory-installed fasteners that are completely concealed and tamperproof when door is closed.

Provide at least 3 hinges for each door over 42 inches high; at least 2 hinges for each door 42 inches high or less.

Projecting Handle and Latch: Positive automatic, prelocking, pry-resistant latch and pull with

rubber silencers; chromium- plated, heavy-duty, vandalproof lift-up handle, containing strike and eye for padlock; and with latching action as follows:

Recessed Handle and Latch: Housing to form recess for latch lifter and locking devices; nonprotruding latch lifter containing strike and eye for padlock; and automatic, prelocking, pry-resistant latch mechanism with latching action as follows:

Single-tier lockers: Not less than 3-point latching.

Double-tier lockers: Not less than 2-point latching.

Acoustical Treatment: Provide construction treatment designed for significant reduction of noise of locker operation, including protected sound-absorbing material; nylon or plastic coatings on operating components to prevent metal-to-metal contact, and latching mechanism designed to operate without rattling.

LOCKER ACCESSORIES

Locking: Fabricate lockers to receive the following locking devices: Owner shall provide padlocks for student use and are not included in the Contract.

Equipment: Furnish each locker with the following items, unless otherwise shown:

Single-Tier Units: Hat shelf, one double-prong hook and not fewer than 2 single-prong wall hooks.

Double-Tier Units: One double-prong hook and not fewer than 2 single-prong wall hooks.

Lockers 18 inches Deep: Provide hand rod in lieu of hook.

Number Plates: Manufacturer's standard etched, embossed, or stamped, nonferrous metal number plates with numerals not less than 3/8 inches high. Number lockers in sequence as directed by Architect. Attach plates to each locker door, near top, centered, with at least 2 fasteners of same finish as number plate.

Continuous Metal Base: Minimum 20-gage cold-rolled steel, fabricated in lengths as long as practicable to enclose base of lockers without additional fastening devices. Flange bottoms inward 3/4 inch for stiffening. Factory-finish metal base to match lockers.

Continuous Sloping Tops: Not fewer than 20-gage sheet steel, approximately 25 degrees pitch, in lengths as long as practicable, but not less than 4 lockers. Provide closures at ends. Finish to

match lockers.

Separators: Provide horizontal dividers of not less than 16-gage sheet steel between doors of multiple-tier lockers to ensure rigidity.

Filler Panels: Provide filler panels where indicated, of not less than 18-gage steel sheet, factory fabricated and finished to match locker units.

LOCKER ROOM BENCHES

Manufacturer's standard units with laminated hardwood seat approximately 9-1/2 inches wide by 1-1/4 inches thick, in lengths as indicated. Furnish steel pedestal supports not more than 6'- 0" o.c., with provisions for fastening to floor and securing to bench. Furnish all anchorages. Apply manufacturer's standard transparent coating to bench seat and baked enamel finish to pedestals.

PART 3 - EXECUTION

INSTALLATION

Install metal lockers at locations shown in accordance with manufacturer's instructions for plumb, level, rigid, and flush installation.

Space fastenings about 48 inches o.c., unless otherwise recommended by manufacturer, and apply through backup reinforcing plates where necessary to avoid metal distortion, using concealed fasteners.

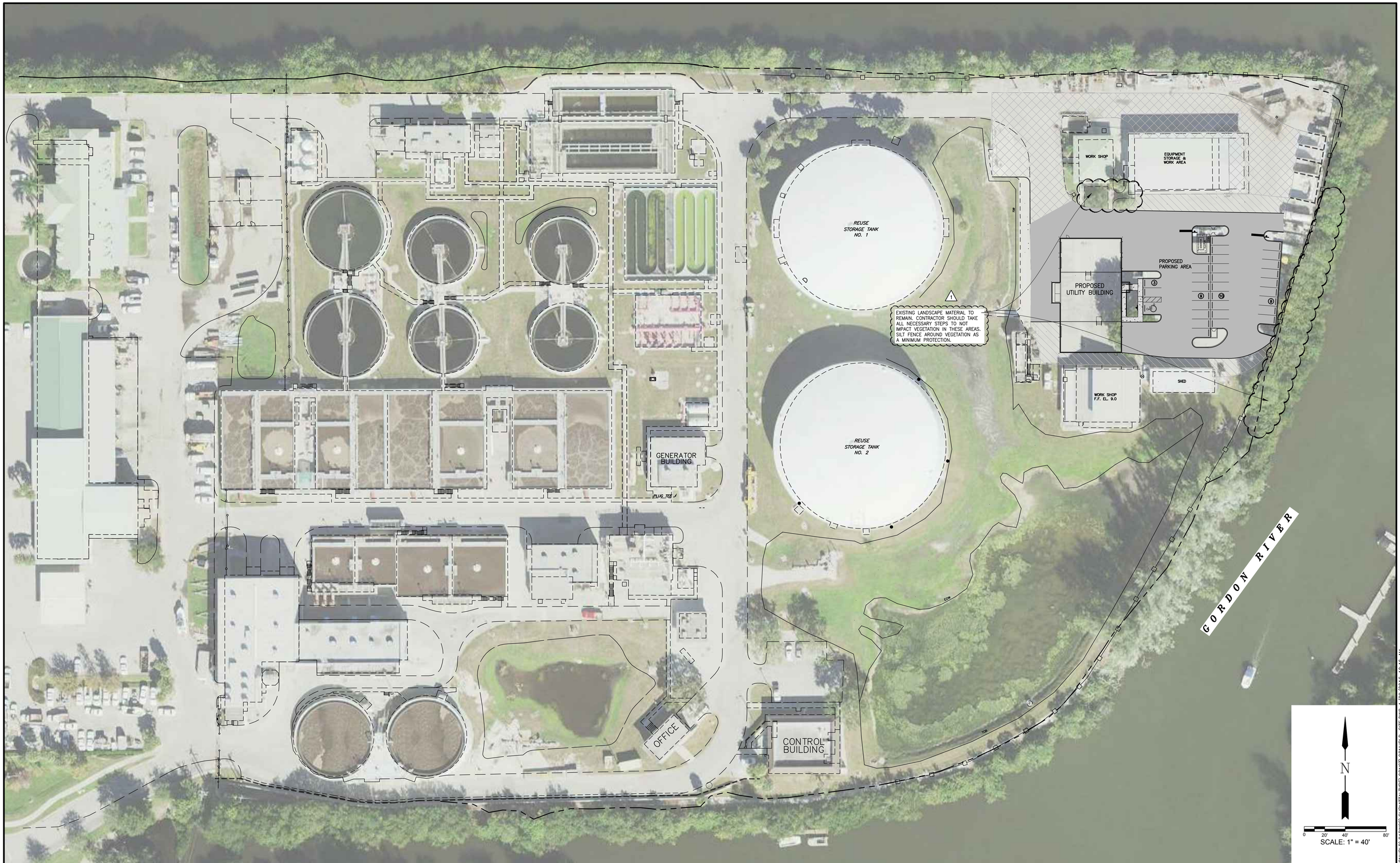
Install trim, metal base, sloping top units, and metal filler panels and end panels, using concealed fasteners. Provide flush, hairline joints against adjacent surfaces.

ADJUST AND CLEAN

Adjust doors and latches to operate easily without binding. Verify that integral locking devices are operating properly.

Touch-up marred finishes, but replace units that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by locker manufacturer.

END OF SECTION 10500



LEGEND

LBE	LANDSCAPE BUFFER	TOB	TOP OF BANK
ESMT	ESMT	TOS	TOE OF SLOPE
ESMT	EASEMENT	EOW	EDGE OF WATER
CB	CATCH BASIN	BOV	BLOW-OFF VALVE
CS	CONTROL STRUCTURE		FLOW DIRECTION
DBI	DITCH BOTTOM INLET	0.00	PROPOSED GRADE
JB	JUNCTION BOX	0.00	EXISTING GRADE
MES	MITERED END SECTION		
PE	PIPE END w/RIP RAP		
TI	THROAT INLET		

PROP. PAVEMENT
PROP. SIDEWALK/CONCRETE
TO BE OVERLAID
TO BE OVERLAID (BID ALTERNATIVE)

Revision	Date	Description	By
1	01/16	ADDENDUM #2	DMS

DESIGNED BY: F.J.F.
DRAWN BY: D.M.S.
APPROVED: F.J.F.
JOB CODE: CONUBLD
SCALE: 1" = 40'

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Civil Engineers • Land Surveyors • Planners • Landscape Architects
Cert. of Auth. EB 0005151 Cert. of Auth. LB 0005151 Business LC 26000266
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3800 Via Del Rey
Bonita Springs, Florida 34134

CITY OF NAPLES WWTRF UTILITY BUILDING

OVERALL SITE PLAN with AERIAL PHOTOGRAPH

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)0.000

FRANCIS JOSEPH FEENEY, P.E.
FLORIDA P.E. LICENSE NO. 64698

MUNICIPALITY: CITY OF NAPLES
SEC/TWNSHP/RNG: 3/50S/25E
DATE: NOV. 30, 2015
SUBMITTAL TYPE: CONST. SUBMITTAL

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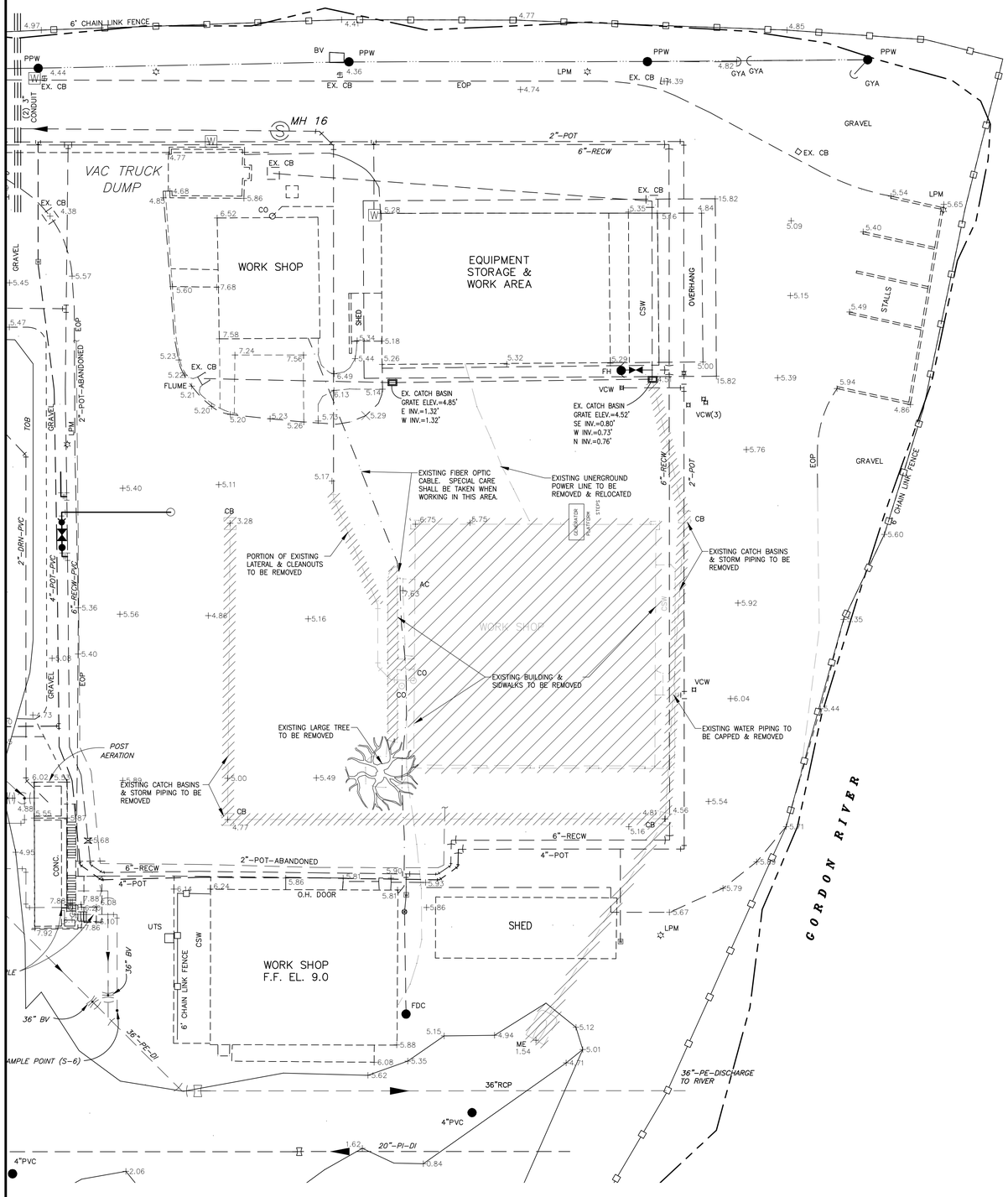
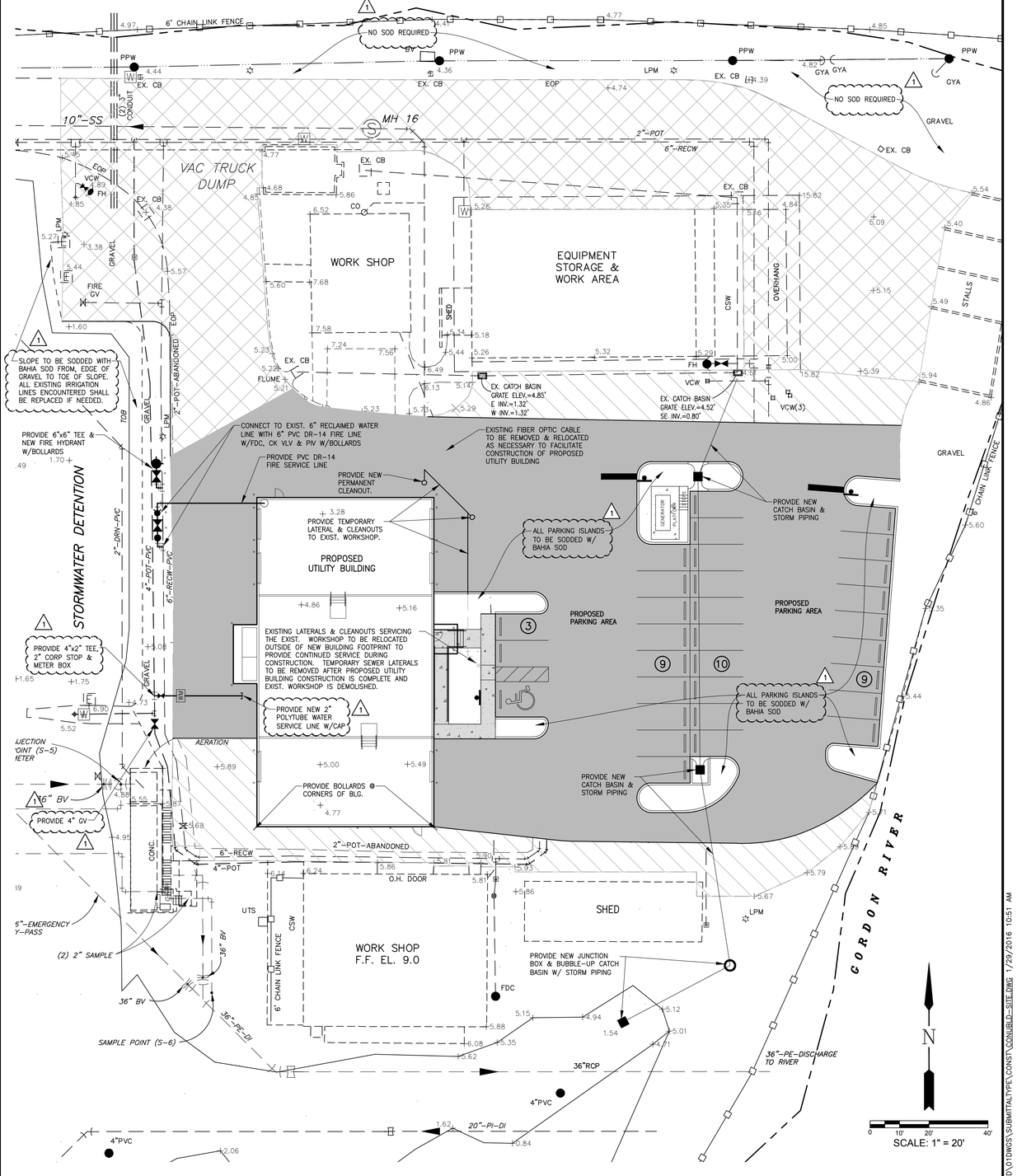


EXISTING CONDITIONS & DEMOLITION PLAN
N.T.S.



PROPOSED SITE PLAN
N.T.S.

LEGEND

- EX. PAVEMENT
- PROP. PAVEMENT
- EX. SIDEWALK
- PROP. SIDEWALK/CONCRETE
- TO BE REMOVED
- TO BE OVERLAID
- TO BE OVERLAID (BID ALTERNATIVE)

Revision	Date	Description	By
1	01/16	ADDENDUM #2	DMS

DESIGNED BY: F.J.F.
DRAWN BY: D.M.S.
APPROVED: F.J.F.
JOB CODE: CONUBLD
SCALE: 1" = 20'

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Civil Engineers • Land Surveyors • Planners • Landscape Architects
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CITY OF NAPLES WWTRF UTILITY BUILDING

EXISTING CONDITIONS & DEMOLITION PLAN and PROPOSED SITE PLAN

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)0.000

FRANCIS JOSEPH FEENEY, P.E.
FLORIDA P.E. LICENSE NO. 64698

MUNICIPALITY: CITY OF NAPLES
SEC/TWNSHP/RNG: 3/50S/25E
DATE: NOV. 30, 2015
SUBMITTAL TYPE: CONST. SUBMITTAL
SHEET 4 OF 8

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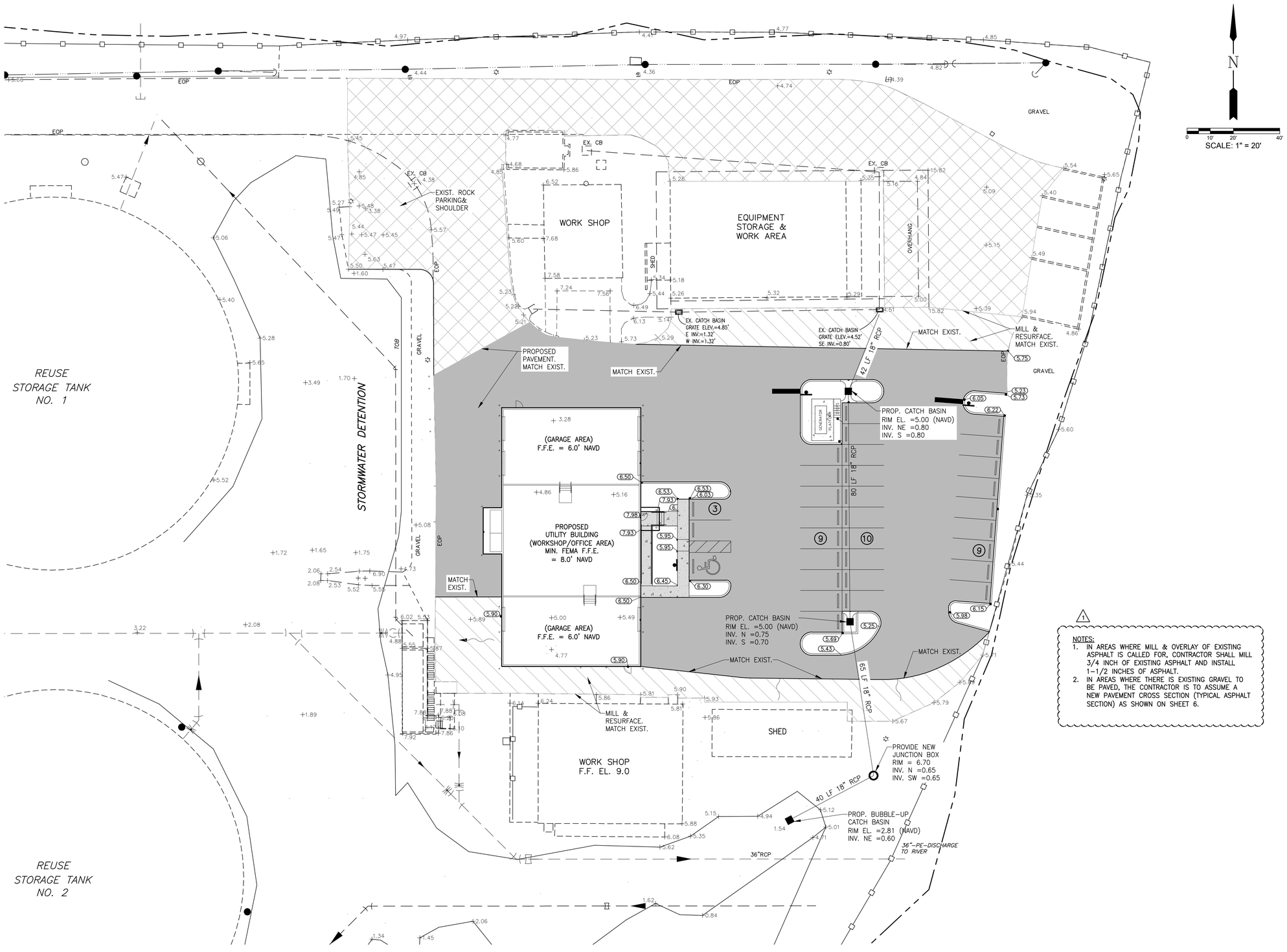

NOTES:
1. IN AREAS WHERE MILL & OVERLAY OF EXISTING ASPHALT IS CALLED FOR, CONTRACTOR SHALL MILL 3/4 INCH OF EXISTING ASPHALT AND INSTALL 1-1/2 INCHES OF ASPHALT.
2. IN AREAS WHERE THERE IS EXISTING GRAVEL TO BE PAVED, THE CONTRACTOR IS TO ASSUME A NEW PAVEMENT CROSS SECTION (TYPICAL ASPHALT SECTION) AS SHOWN ON SHEET 6.

LEGEND

LBE	LANDSCAPE BUFFER	TOB	TOP OF BANK
ESMT	EASEMENT	TOS	TOE OF SLOPE
CB	CATCH BASIN	EOW	EDGE OF WATER
CS	CONTROL STRUCTURE	BOV	BLOW-OFF VALVE
DBI	DITCH BOTTOM INLET		FLOW DIRECTION
JB	JUNCTION BOX	0.00	PROPOSED GRADE
MES	MITERED END SECTION	x.xx	EXISTING GRADE
PE	PIPE END w/RIP RAP		
TI	THROAT INLET		

PROP. PAVEMENT
PROP. SIDEWALK/CONCRETE
TO BE OVERLAID
TO BE OVERLAID (BID ALTERNATIVE)

Revision	Date	Description	By
1	01/16	ADDENDUM #2	DMS

DESIGNED BY: F.J.F.
DRAWN BY: D.M.S.
APPROVED: F.J.F.
JOB CODE: CONUBLD
SCALE: 1" = XX'

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3800 Via Del Rey
Bonita Springs, Florida 34134

CITY OF NAPLES WWTRF UTILITY BUILDING

PROPOSED GRADING, PAVING AND DRAINAGE PLAN

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+) 1.27'

FRANCIS JOSEPH FEENEY, P.E.
FLORIDA P.E. LICENSE NO. 64698

MUNICIPALITY: CITY OF NAPLES
SEC/TWNSHP/RNG: 3/50S/25E
DATE: NOV. 30, 2015
SUBMITTAL TYPE: CONST. SUBMITTAL
SHEET 5 OF 8

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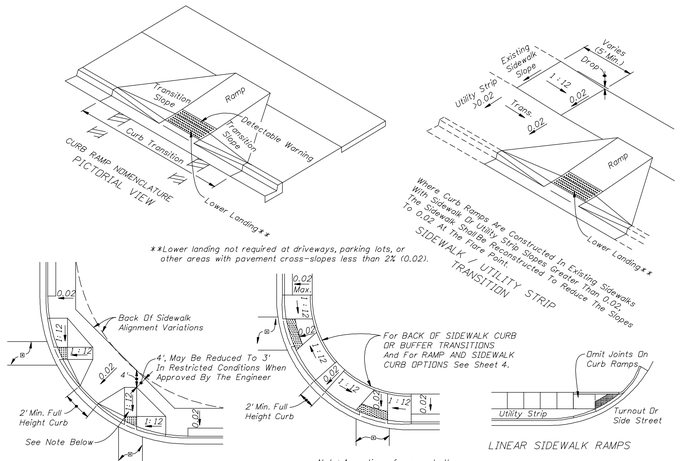


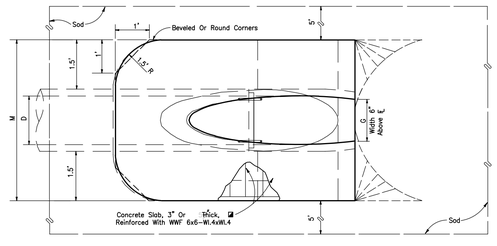
Note: A portion of one or both ramps may extend outside the return.

Note:
When crosswalk markings are required, ramp runs must fall within crosswalk limits and where practical, be parallel with the projected crosswalk alignment. The bottom of the ramp beyond the curb line shall have a clear space 48" minimum within the markings of a marked crosswalk. If no crosswalk markings are present, the bottom of the ramp beyond the curb ramp shall have a clear space 48" minimum outside active traffic lanes.

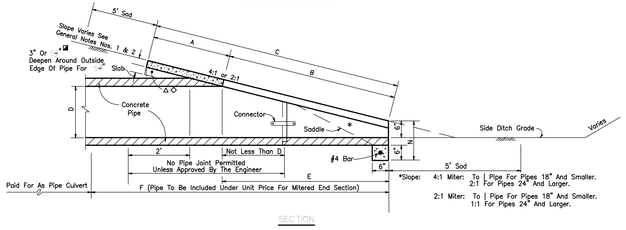
⊠ *Crosswalk widths and configuration vary; must conform to Index No. 17344 and 17346.*

SIDEWALK CURB DETAILS
FDOT INDEX 304
N.T.S.

DIMENSIONS AND QUANTITIES																					
									M					▱ CONCRETE SLAB (CY) ◪				SODDING (SQ. YDS.)			
	D	X	A	B	C	E	F	G	Single Pipe	Double Pipe	Triple Pipe	Quad.	N	Single Pipe	Double Pipe	Triple Pipe	Quad.	Single Pipe	Double Pipe	Triple Pipe	Quad.
2:1 Slope	15"	2'-3"	1.89'	2.18'	4.10'	2.06'	5"	1.22'	4.63'	7.21'	9.79'	12.37'	1.19'	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-10"	1.89'	2.43'	4.71'	2.06'	6"	1.41'	4.92'	7.75'	10.58'	13.42'	1.21'	0.44	0.65	0.87	1.09	22	25	28	31
	24"	3'-4"	2.05'	3.85'	5.91'	3.56'	7"	1.73'	5.50'	8.92'	12.33'	15.75'	1.25'	0.54	0.83	1.12	1.42	24	28	32	35
	30"	4'-3"	2.13'	4.93'	7.10'	4.96'	8"	2.00'	6.08'	10.33'	14.58'	18.83'	1.29'	0.66	1.00	1.50	1.91	26	31	35	40
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9"	2.24'	6.67'	11.75'	16.83'	21.92'	1.33'	0.81	1.38	1.95	2.51	28	34	39	45
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	7.25'	13.50'	19.75'	25.25'	1.38'	0.97	1.70	2.45	3.19	30	37	43	50
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	7.83'	14.58'	21.33'	28.08'	1.42'	1.13	2.04	2.93	3.84	32	39	47	54
	54"	7'-6"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	8.42'	16.08'	23.75'	31.42'	1.46'	1.31	2.44	3.58	4.72	34	42	51	59
	60"	8'-3"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	9.00'	17.50'	26.00'	34.50'	1.50'	1.51	2.89	4.28	5.68	36	45	55	64
	66"	9'-0"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	9.58'	18.75'	27.92'	37.08'	1.54'	1.68	3.25	4.84	6.43	38	48	58	68
	72"	10'-0"	2.80'	12.80'	15.60'	11.56'	16'	3.30'	10.16'	20.16'	30.16'	40.16'	1.58'	1.89	3.74	5.59	7.45	40	51	62	73
4:1 Slope	15"	4'-7"	2.27'	4.09'	6.36'	4.03'	8"	1.22'	4.63'	7.21'	9.79'	12.37'	1.19'	0.57	0.87	1.15	1.44	23	28	29	32
	18"	5'-2"	2.36'	5.12'	7.48'	5.03'	9"	1.41'	4.92'	7.75'	10.58'	13.42'	1.21'	0.66	0.99	1.31	1.65	25	28	31	35
	24"	5'-10"	2.53'	7.18'△	9.71'	7.03'△	11"	1.73'	5.50'	8.92'	12.33'	15.75'	1.25'	0.85	1.30	1.75	2.20	28	32	36	40
	30"	6'-7"	2.70'	9.25'	11.95'	9.03'	13"	2.00'	6.08'	10.33'	14.58'	18.83'	1.29'	1.10	1.74	2.39	3.05	31	36	41	46
	36"	7'-5"	2.87'	11.33'	14.18'	11.03'	15"	2.24'	6.67'	11.75'	16.83'	21.92'	1.33'	1.32	2.21	3.08	3.96	34	40	46	52
	42"	8'-4"	3.05'	13.33'	16.42'	13.03'	17"	2.45'	7.25'	13.25'	19.25'	25.25'	1.38'	1.58	2.76	3.91	5.09	38	44	51	58
	48"	9'-1"	3.22'	15.43'	18.65'	15.03'	19"	2.65'	7.83'	14.58'	21.33'	28.08'	1.42'	1.85	3.35	4.73	6.17	41	48	56	63
	54"	9'-10"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	8.42'	16.08'	23.75'	31.42'	1.46'	2.14	3.95	5.77	7.58	44	52	61	69
	60"	10'-7"	3.56'	19.55'	23.11'	19.03'	23"	3.00'	9.00'	17.50'	26.00'	34.50'	1.50'	2.45	4.66	6.87	9.07	47	56	66	75
	66"	11'-5"	3.73'	21.60'	25.35'	21.03'	25'	3.18'	9.58'	18.75'	27.92'	37.08'	1.54'	2.85	5.54	8.15	10.84	49	59	69	80
	72"	12'-0"	3.91'	22.68'	26.59'	23.03'	27'	3.30'	10.16'	20.16'	30.16'	40.16'	1.58'	3.54	6.61	9.87	13.13	52	63	74	85

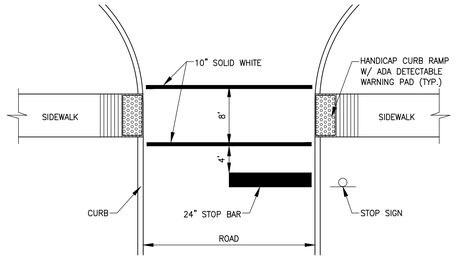


TOP VIEW-SINGLE PIPE

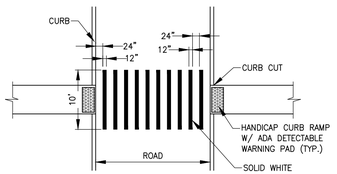


SECTION

MITERED END SECTION
N.T.S.



CROSS WALK DETAIL
N.T.S.



CROSS-WALK DETAIL
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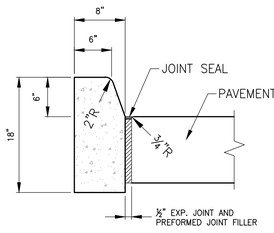
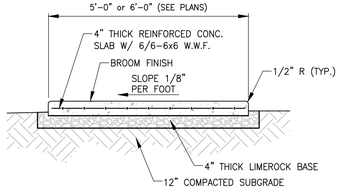


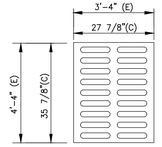
TYPE 'D' CURB
N.T.S.



1. THE PROPOSED FILL SHALL BE COMPACTED IN 12" LIFTS TO 95% MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T-180 AND THE ENGINEER'S SPECIFICATIONS.
2. SUBGRADE SHALL BE SOIL, COMPACTED TO A FIRM EVEN SURFACE, TRUE TO GRADE AND CROSS- SECTION, AND BE MOIST WHEN CONCRETE IS PLACED.
3. SIDEWALK SHALL HAVE CONTRACTION JOINTS AT 5' INTERVALS AND AN EXPANSION JOINT EVERY 50' (120' MAXIMUM).

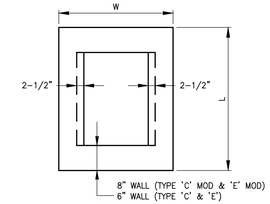
TYPICAL SIDEWALK SECTION
N.T.S.

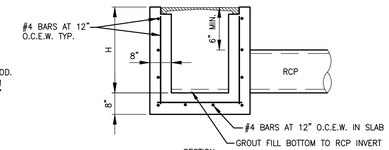
BASIN DIMENSIONS			
TYPE	L	W	H
'C'	4'-5"	3'-4"	VARIES
'C' MOD	4'-5"	3'-4"	VARIES
'E'	5'-10"	4'-4"	VARIES
'E' MOD	5' -10"	4'-4"	VARIES



ALL GRATES SHALL BE CAST IRON TYPE 'C' MOD. AND TYPE 'E' MOD. GRATES SHALL BE MEDIUM DUTY W/A 12,000 LB LOAD CAPACITY TYPE 'C' GRATES SHALL BE LIGHT DUTY (NON-TRAFFIC)

GRATE

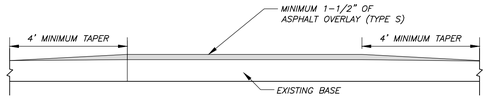




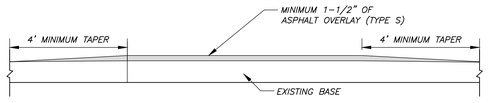
SECTION

NOTES:
1. ALL CATCH BASINS TO BE POURED IN PLACE OR PRECAST.
2. ALL CONCRETE TO BE 4,000 PSI.
3. WHERE TOP SLAB CONSTRUCTION IS NECESSARY, USE 6" THICK SLAB W/#5 BARS AT 4" ON CENTER CONTINUOUS INTO CATCH BASIN WALLS.
4. WHERE "H" DIMENSION EXCEEDS 5 FEET, SHOP DRAWINGS FOR WALL REINFORCEMENT MUST BE SUBMITTED FOR APPROVAL BEFORE CASTING.
5. JUNCTION BOXES SHALL RECEIVE A CAST IRON RIM AND COVER, MEDIUM DUTY W/A 12,000 LB. LOAD CAPACITY. THE LID SHALL HAVE THE WORDS "STORM SEWER".

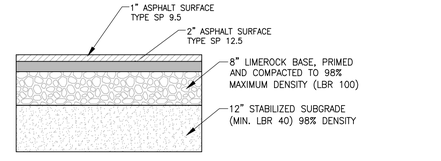
CATCH BASIN DETAIL
N.T.S.



TYPICAL ASPHALT OVERLAY SECTION
N.T.S.



⚠1 TYPICAL ASPHALT MILL & OVERLAY SECTION
N.T.S.



1. ASPHALTIC CONCRETE PAVEMENT (TYPE SP 9.5 & SP 12.5) SHALL BE CONSTRUCTED IN TWO LIFTS. THE SECOND LIFT (TYPE SP 9.5) SHALL BE CONSTRUCTED AFTER SUBSTANTIAL COMPLETION OF BUILDING CONSTRUCTION.
2. ALL SPECIFICATIONS FOR LIMEROCK BASE MATERIAL SHALL BE ADHERED TO.
3. ALTERNATE PAVEMENT SECTIONS UTILIZING MATERIALS INCLUDING PAVER BLOCKS AND BOMANITE MAY BE SUBSTITUTED FOR CROSSWALKS. STRUCTURAL CHARACTERISTICS MUST MEET MINIMUM CITY OF NAPLES L.D.C. REQUIREMENTS.
4. LIMEROCK BASE MUST EXTEND 6" BEYOND EDGE OF PAVEMENT.
5. SUBGRADE MUST EXTEND 12" BEYOND EDGE OF PAVEMENT.

TYPICAL ASPHALT SECTION
N.T.S.

LEGEND

Revision	Date	Description	By
1	01/16	ADDENDUM #2	DMS

DESIGNED BY: F.J.F.
DRAWN BY: D.M.S.
APPROVED: F.J.F.
JOB CODE: CONUBLD
SCALE: N/A

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Bonita Springs, Florida 34134

CITY OF NAPLES WWTRF UTILITY BUILDING

DETAIL SHEET – 1

ELEVATIONS SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88) CONVERSION FACTOR TO NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD '29) IS (+)0.000

FRANCIS JOSEPH FEENEY, P.E.
FLORIDA P.E. LICENSE NO. 64698

MUNICIPALITY: CITY OF NAPLES
SEC/TWNSHP/RNG: 3/50S/25E
DATE: NOV. 30, 2015
SUBMITTAL TYPE: CONST. SUBMITTAL
SHEET 6 OF 8

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