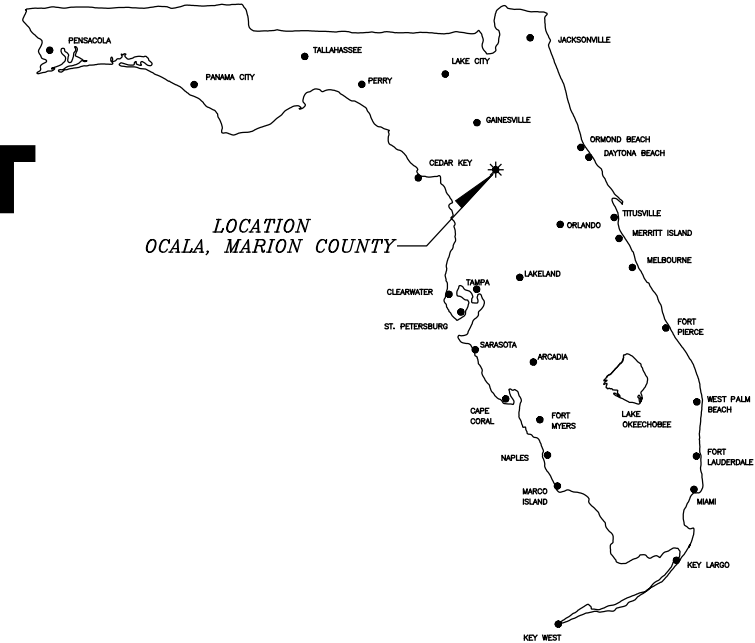




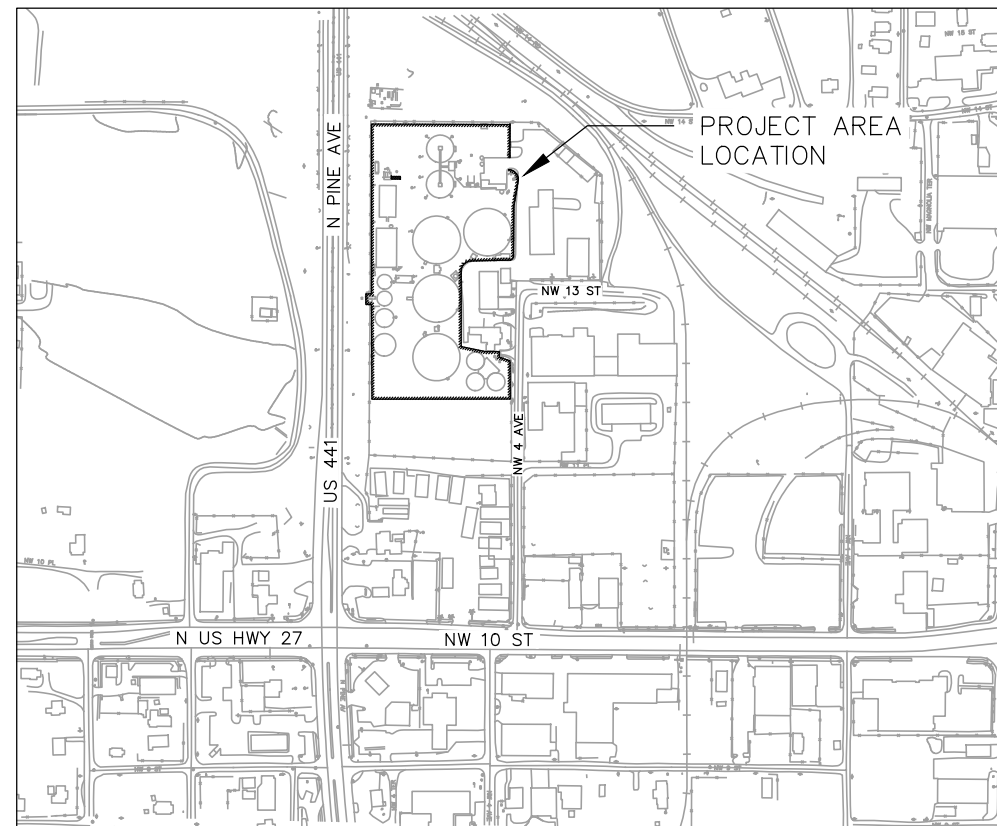
# WRF #1 SITE REDEVELOPMENT PHASE 4

PARCEL ID#: 2573-009-001

CONTRACT#: CIP240354



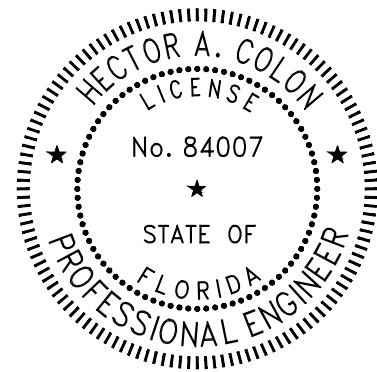
**VICINITY MAP**  
MARION COUNTY, FLORIDA  
SECTION 7-TOWNSHIP 15-RANGE 22



## INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.....	COVER SHEET
2.....	GENERAL NOTES
3.....	PLAN VIEW
4-5.....	DEMOLITION PLAN
6.....	DEMOLITION NOTES - FIGURE SHEET
7.....	PHOTOS
8-9.....	CROSS SECTION
10.....	DETAILS

100% PLANS  
FOR CONSTRUCTION  
DATE: 3/10/22



CITY OF OCALA  
CITY ENGINEER'S OFFICE  
1805 NE 30TH AVE., BLDG. 300  
OCALA, FL 34470

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

**PLAN INDEX**

- COVER SHEET
- GENERAL NOTES
- PLAN VIEW
- DEMOLITION PLAN
- DEMOLITION NOTES - FIGURE SHEET
- PHOTOS
- CROSS SECTION
- DETAILS

LOCAL UTILITIES		
UTILITY COMPANY	PHONE NUMBER	EMERGENCY
AT&T	(352) 284-8110	
CENTURY LINK	(352) 875-9749	
COX COMMUNICATIONS	(352) 873-5631	
TECO GAS	(352) 401-3419	(352) 622-0111
CITY OF OCALA ELECTRIC	(352) 351-6620	(352) 351-6666
CITY OF OCALA TRAFFIC	(352) 351-6733	
CITY OF OCALA WATER/SEWER (WATER RESOURCES)	(352) 351-6772	(352) 351-6775

CITY OF OCALA  
CITY ENGINEER'S OFFICE  
TRANSPORTATION ENGINEERING DIVISION  
1805 NE 30th AVE  
OCALA, FLORIDA 34470



SHEET DESCRIPTION: COVER SHEET

1 OF 10

PROJECT DESCRIPTION: WRF #1 SITE REDEVELOPMENT PHASE 4

HECTOR A. COLON, P.E.  
Registered Engineer No. 84007  
State of Florida, DATE: \_\_\_\_\_  
Valid only with embossed seal.

PROJ.#:	22303
F.B.#:	N/A
FILE No.:	N/A
LAST DRAWN:	3/10/21

DRAWN BY:	SS/RMR
DESIGNED BY:	H.COLON
HORIZ.:	N/A
VERT.:	N/A

PREPARED BY THE  
**CITY OF OCALA**  
TRANSPORTATION ENGINEERING DIVISION

# ENVIRONMENTAL REQUIREMENTS

## NOTICE TO CONTRACTORS:

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ASBESTOS FDEP PERMIT. THE CITY OF OCALA OPERATES UNDER A FDEP NPDES 'GENERAL PERMIT' THAT REQUIRES THE CITY AND, IN TURN, ITS CONTRACTORS TO FOLLOW CERTAIN ENVIRONMENTAL PRACTICES AND PROCEDURES TO PREVENT THE POLLUTION OF THE CITY'S GROUNDWATER AND STORMWATER SYSTEM.

## EROSION & SEDIMENT CONTROLS - STABILIZATION PRACTICES:

### CONTRACTOR SHALL:

- LIMIT AREAS OF DISTURBANCE TO ONLY THAT REQUIRED FOR NEAR TERM CONSTRUCTION ACTIVITIES.
- PROMPTLY INSTALL PERMANENT SOD ON ALL AREAS DISTURBED BY CONSTRUCTION AS WORK IS COMPLETED.
- TEMPORARILY STABILIZE ALL WORK AREAS THAT CANNOT BE PERMANENTLY SODDED WITH ACCEPTABLE METHODS SUCH AS HAY BALES, STRAW MULCH, ETC., OR AS MAY BE APPROVED BY THE CITY.

## EROSION & SEDIMENT CONTROLS - STRUCTURAL PRACTICES:

### CONTRACTOR SHALL:

- HAVE READILY AVAILABLE AND PROMPTLY INSTALL AS NEEDED OR AS DIRECTED BY THE CITY:
  - 'SILT FENCE' (CITY STANDARD OR FDOT INDEX 102 TYPE III FENCE).
  - 'STORM INLET PROTECTION' (ACF ENVIR. 'GUTTERBUDDY' OR 'GUTTERGATOR', OR EQUIVALENT).
  - 'FLOATING TURBIDITY BARRIER' (FDOT INDEX 103).
  - 'TEMPORARY CONSTRUCTION GRAVEL ENTRANCE' (CITY STANDARD OR FDOT INDEX 106).
  - 'CONSTRUCTION BARRIER FENCE' (CITY STANDARD).
- REGULARLY REMOVE ACCUMULATED SEDIMENT FROM STREET SURFACES/GUTTERS, SWALES AND STORM INLETS.
- DANDY BAG - INSTALLATION: REMOVE THE GRATE FROM THE CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY BAG II SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.
- DANDY BAG - MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY BAG II. IF THE CONTAINMENT AREA IS MORE THAN  $\frac{1}{3}$  FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.

## HAZARDOUS, SANITARY AND CONSTRUCTION WASTE MATERIALS:

### CONTRACTOR SHALL:

- HANDLE, COLLECT AND DISPOSE OF HAZARDOUS MATERIALS, SANITARY WASTE AND CONSTRUCTION WASTE MATERIALS ACCORDING TO THE APPLICABLE STATE LAWS AND REGULATIONS, CITY ORDINANCES, OR AS DIRECTED BY THE CITY.
- DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE AND CONCRETE TRUCK DRUM WASH WATER. INSTALL A CONTAINMENT BERM AROUND THIS DESIGNATED AREA TO PREVENT RUNOFF BEYOND THE DESIGNATED AREA. ALL SURPLUS CONCRETE SHALL BE REMOVED FROM THE PROJECT SITE PRIOR TO FINAL INSPECTION.

## SPILL PREVENTION AND SPILL ('RELEASE') CONTROL PRACTICES:

### CONTRACTOR SHALL:

- STORE AND USE PETROLEUM AND OTHER HAZARDOUS PRODUCTS ACCORDING TO RECOMMENDED PROCEDURES.
- FOLLOW GOOD HOUSEKEEPING PRACTICES TO MINIMIZE THE RISK OF SPILLS OR UNINTENDED EXPOSURE OF PETROLEUM AND OTHER HAZARDOUS MATERIALS TO STORMWATER RUNOFF OR SEEPAGE INTO THE GROUNDWATER.
- HAVE PRE-PREPARED PROCEDURES CLEARLY POSTED FOR SPILL CONTAINMENT AND CLEAN-UP.
- HAVE READILY AVAILABLE REMEDIATION MATERIALS FOR SPILL CONTAINMENT AND CLEAN-UP.
- UPON RELEASE, IMMEDIATELY INITIATE RECOMMENDED METHODS FOR SPILL CONTAINMENT AND CLEAN-UP.
- WITHIN 24-HOURS OF THE SPILL/RELEASE, NOTIFY THE 'STATE WATCH OFFICE' (AT 1.800.320.0519 OR 1.850.815.4001) OF ALL RELEASES EQUAL TO OR EXCEEDING THE REPORTABLE QUANTITY.

LEGEND			
	demolition limits	w3	no. 3 water (non-potable)
	silt fence	oh/e	over head electric
		utc	underground telephone cable
		fm	force main
	proposed fence	wm	water main
	existing fence	ce	concrete encased conduit
	existing structure, utility, etc.	db	direct buried conduit
	spot elevation	dip	ductile iron pipe
	existing valve	cip	cast iron pipe
	existing power pole	n.t.s.	not to scale
	existing light pole	p.i.d.	parcel id
	existing fire hydrant	d.e.p.	department of environmental protection
	existing in ground utility access		

## GENERAL NOTES

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF OCALA STANDARD SPECIFICATIONS VOLUME I, "GENERAL CONDITIONS FOR CONSTRUCTION" AND FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR ROAD & BRIDGE CONSTRUCTION" (LATEST EDITION), AND VOLUME III, "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION".
- CONTRACTOR SHALL PROVIDE ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE ENTIRE CONSTRUCTION PERIOD.
- ALL MANHOLE COVERS, VALVE BOX COVERS AND OTHER COVERS SHALL BE ADJUSTED AS NEEDED, CONTRACTOR SHALL ADJUST PRIOR TO LAYING FINAL ASPHALT OR CONCRETE COURSE. WHERE SANITARY SEWER MANHOLE LIDS ARE TO BE REMOVED AND REPLACED WITH HINGED LIDS, THE CITY'S WATER & SEWER DEPARTMENT SHALL FURNISH THE LIDS.
- TEMPORARY STRIPING & MARKING IF APPLICABLE (SHALL BE A PART OF THIS CONTRACT AND SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
  - ALL TEMPORARY PAINT SHALL BE WATER BASE.
  - TEMPORARY STOP BARS SHALL BE INSTALLED IMMEDIATELY AFTER NEW SURFACE IS IN PLACE AT ALL LOCATIONS WHERE PERMANENT STOP BARS ARE REQUIRED.
  - OTHER TEMPORARY STRIPING & MARKING CALLED OUT AS PART OF THE ROAD CURE SHALL BE INSTALLED IMMEDIATELY AFTER NEW SURFACE IS IN PLACE.
  - THE CITY SHALL PAY FOR TEMPORARY STRIPING & MARKING ONE TIME PER ROAD, ANY ADDITIONAL TEMPORARY STRIPING & MARKING SHALL BE AT THE CONTRACTORS EXPENSE.
- PERMANENT STRIPING & MARKINGS IF APPLICABLE SHALL BE INSTALLED A MINIMUM OF 14 DAYS AFTER FINAL PAVING.
- IF ANY SIGNS ARE REMOVED OR RELOCATED, THE CONTRACTOR AT THE PROPER HEIGHT AND DISTANCE SHALL REINSTALL THEM IMMEDIATELY.
- NOTIFICATION AND M.O.T. PLAN SHALL BE SUBMITTED FOR APPROVAL BEFORE STARTING CONSTRUCTION. M.O.T. PLAN SHALL COMPLY WITH INDEX NO. 600 IN THE FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS" LATEST EDITION.
- THE CITY OF OCALA TRAFFIC DIVISION SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF STARTING STRIPING WORK.
- THE CONTRACTOR SHALL SOD DISTURBED AREAS AFFECTED BY THEIR WORK AS DIRECTED BY THE ENGINEER WITH A GRASS TYPE THAT MATCHES EXISTING SOD. IN AREAS WHERE THERE IS NOT AN ESTABLISHED GRASS TYPE BAHIA SHALL BE USED.
- CONTRACTOR TO PROVIDE TWO PORTABLE PROJECT SIGNS (AS SPECIFIED IN CONTRACT DOCUMENTS) TO BE RELOCATED AS PROJECT PROGRESSES AT LOCATIONS APPROVED BY CITY'S INSPECTOR.

## GENERAL NOTES

SHEET DESCRIPTION:

ENGINEER OF RECORD:

SHEET #:  
**2** OF **10**

DATE	REV. BY
3/17/22	SS

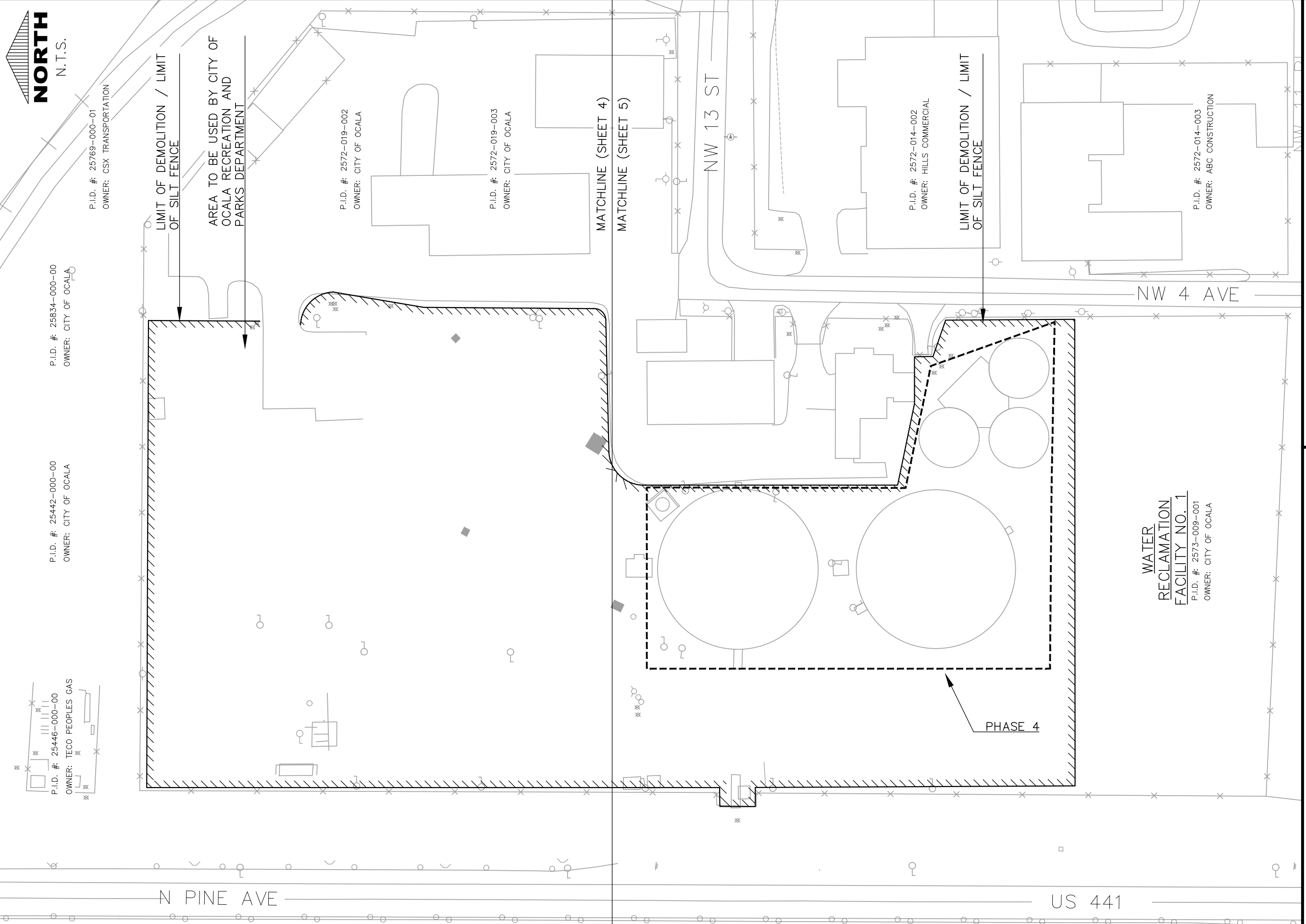
HECTOR A. COLON, P.E.  
Registered Engineer No. 84007  
State of Florida, DATE: \_\_\_\_\_  
Valid only with embossed seal.

PROJECT DESCRIPTION: **WRF #1 SITE REDEVELOPMENT PHASE 4**

PROJ.#:	22303
F.B.#:	N/A
FILE No.:	N/A
LAST DRAWN:	3/10/22

DRAWN BY:	SS/RMR
DESIGNED BY:	H.COLON
HORIZ.:	N/A
VERT.:	N/A

PREPARED BY THE  
**CITY OF OCALA**  
TRANSPORTATION ENGINEERING DIVISION



P.I.D. # 25446-000-00  
OWNER: TECO PEOPLES GAS

P.I.D. # 25442-000-00  
OWNER: CITY OF OCALA

P.I.D. # 25834-000-00  
OWNER: CITY OF OCALA

P.I.D. # 25769-000-01  
OWNER: CSX TRANSPORTATION

N PINE AVE

LIMIT OF DEMOLITION / LIMIT OF SILT FENCE

AREA TO BE USED BY CITY OF OCALA RECREATION AND PARKS DEPARTMENT

P.I.D. # 2572-019-002  
OWNER: CITY OF OCALA

P.I.D. # 2572-019-003  
OWNER: CITY OF OCALA

MATCHLINE (SHEET 4)  
MATCHLINE (SHEET 5)

NW 13 ST

P.I.D. # 2572-014-002  
OWNER: HILLS COMMERCIAL

LIMIT OF DEMOLITION / LIMIT OF SILT FENCE

P.I.D. # 2572-014-003  
OWNER: ABC CONSTRUCTION

WATER RECLAMATION FACILITY NO. 1  
P.I.D. # 2573-009-001  
OWNER: CITY OF OCALA

NW 4 AVE

PHASE 4

US 441

PROJECT DESCRIPTION: **WRF #1 SITE REDEVELOPMENT PHASE 4** SHEET DESCRIPTION: **PLAN VIEW**

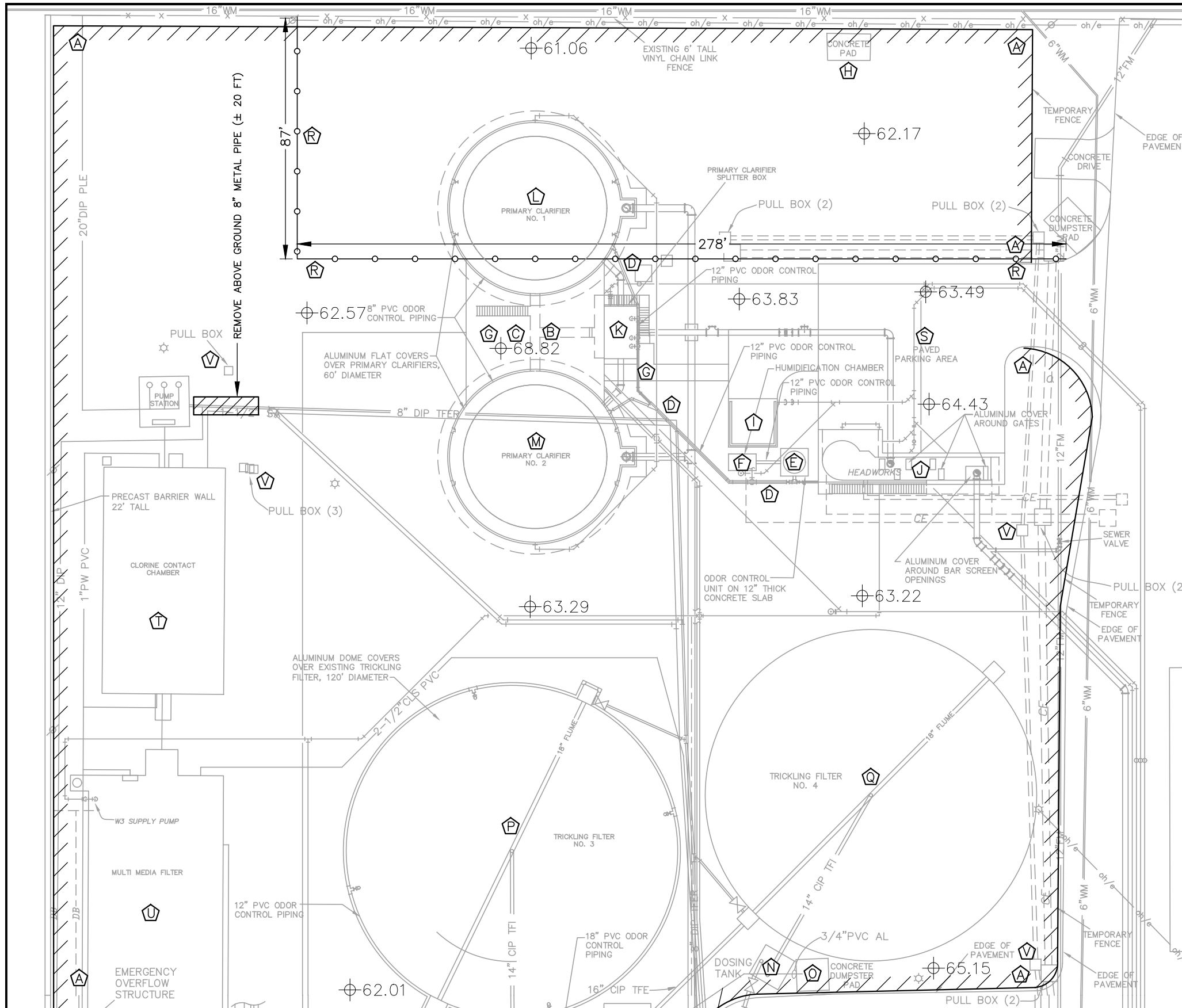
DRAWN BY:	SS/RMR
DESIGNED BY:	H.COLON
HORIZ.:	N/A
VERT.:	N/A

PROJ. #:	22303
F.B. #:	N/A
FILE No.:	N/A
LAST DRAWN:	3/10/22

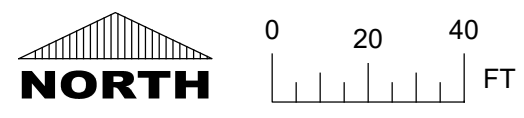
ENGINEER OF RECORD:  
  
HECTOR A. COLON, P.E.  
Registered Engineer No. 84007  
State of Florida, DATE: \_\_\_\_\_  
Valid only with embossed seal.

DATE	REV. BY	SHEET #: <b>3</b> OF <b>10</b>
3/17/22	SS	

PREPARED BY THE  
**CITY OF OCALA**  
CITY ENGINEER'S OFFICE  
TRANSPORTATION ENGINEERING DIVISION



MATCH LINE  
(SEE SHEET 5)



**SCOPE OF WORK**

- Ⓐ LIMIT OF DEMOLITION / LIMIT OF SILT FENCE
- Ⓑ REMOVE METAL WALKWAY
- Ⓒ REMOVE ALL ABOVE GROUND METAL PIPING
- Ⓓ REMOVE ALL ABOVE GROUND PVC PIPING
- Ⓔ REMOVE ODOR CONTROL UNIT & CONCRETE PAD
- Ⓕ REMOVE HUMIDIFICATION CHAMBER & CONCRETE PAD
- Ⓖ REMOVE CONCRETE LEADING TO AND SURROUNDING PRIMARY CLARIFIERS 1 & 2
- Ⓗ REMOVE CONCRETE PAD
- Ⓙ REMOVE CONCRETE PAD AND CONCRETE WALL
- Ⓚ REMOVE HEADWORKS STRUCTURE
- Ⓛ REMOVE SPLITTER BOX STRUCTURE
- Ⓜ REMOVE PRIMARY CLARIFIER NO. 1
- Ⓨ REMOVE PRIMARY CLARIFIER NO. 2
- Ⓩ REMOVE DOSING TANK
- Ⓟ REMOVE CONC. DUMPSTER PAD
- Ⓠ REMOVE TRICKLING FILTER NO. 3
- Ⓡ REMOVE TRICKLING FILTER NO. 4
- Ⓢ CONSTRUCT A PROPOSED CHAIN LINK FENCE (TO MATCH EXISTING FENCE)
- Ⓣ EXISTING PAVED PARKING AREA TO REMAIN (REMOVE BOLLARDS)
- Ⓤ REMOVE CLORINE CONTACT CHAMBER
- Ⓥ REMOVE MULTI MEDIA FILTER
- Ⓦ PULL BOXES/CONDUITS TO REMAIN

**PROJECT DESCRIPTION: WRF #1 SITE REDEVELOPMENT PHASE 4**

SHEET #: **4** OF **10**

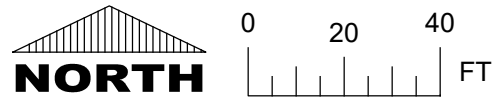
DATE	REV. BY	SS
3/17/22	SS	

ENGINEER OF RECORD:  
HECTOR A. COLON, P.E.  
Registered Engineer No. 84007  
State of Florida, DATE:  
Valid only with embossed seal.

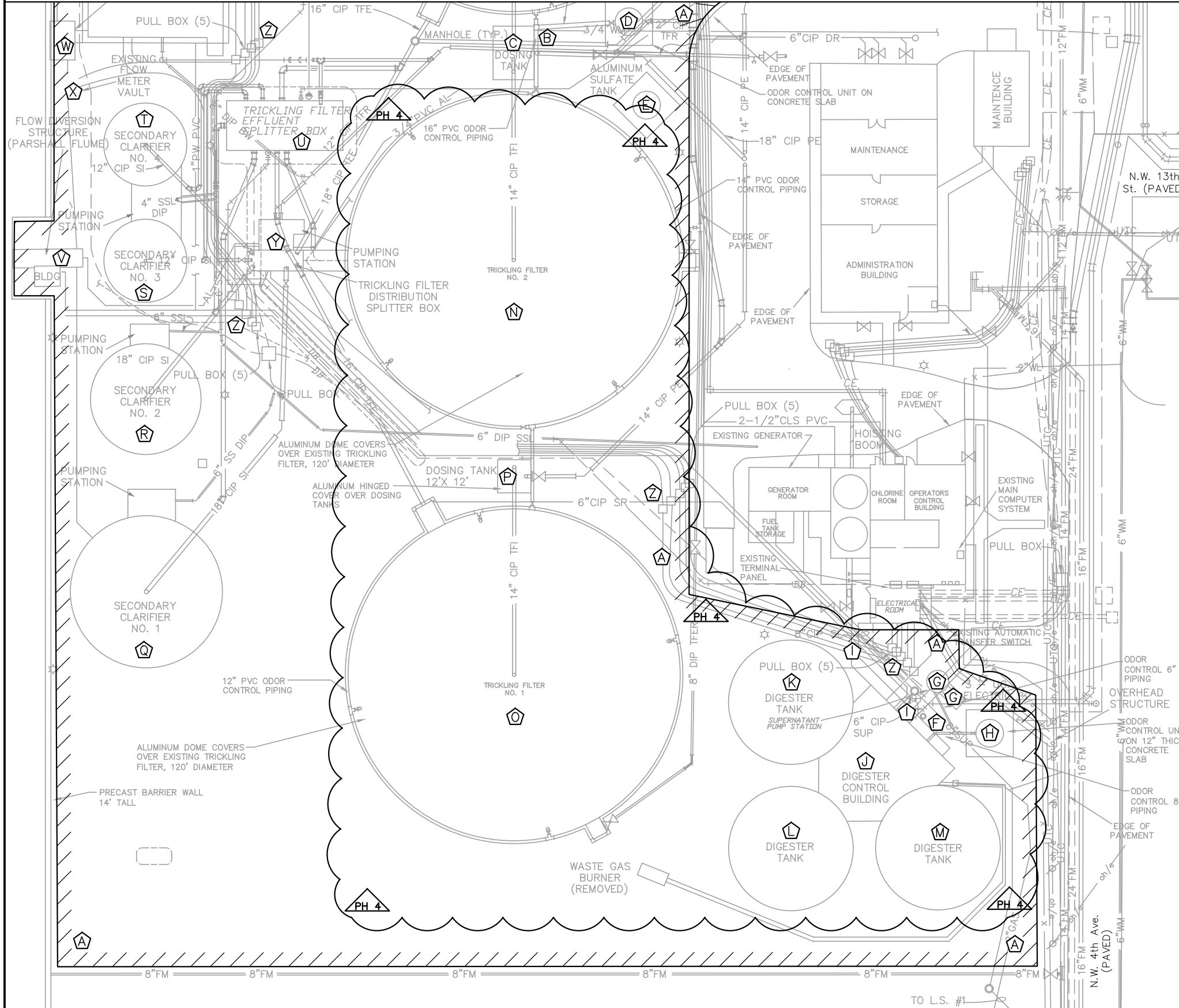
PROJ.#:	22303
F.B.#:	N/A
FILE No.:	N/A
LAST DRAWN:	3/10/22

DRAWN BY:	SS/RMR
DESIGNED BY:	H.COLON
HORIZ.:	40
VERT.:	40

PREPARED BY THE  
**CITY OF OCALA**  
CITY ENGINEER'S OFFICE  
TRANSPORTATION ENGINEERING DIVISION



(SEE SHEET 4)  
MATCH LINE



**SCOPE OF WORK**

- Ⓐ LIMIT OF DEMOLITION / LIMIT OF SILT FENCE
- Ⓑ REMOVE ALL ABOVE GROUND PVC PIPING
- Ⓒ REMOVE DOSING TANK
- Ⓓ REMOVE ODOR CONTROL UNIT & CONCRETE PAD
- Ⓔ REMOVE ALUMINUM SULFATE TANK, CONCRETE PAD & CONCRETE WALL
- Ⓕ REMOVE ALL ABOVE GROUND PVC PIPING
- Ⓖ REMOVE DIGESTER PUMP STATION
- Ⓗ REMOVE ODOR CONTROL UNIT & CONCRETE PAD
- Ⓙ REMOVE CONCRETE SIDEWALK LEADING TO DIGESTER CONTROL BUILDING
- Ⓚ REMOVE TWO STORY DIGESTER CONTROL BUILDING
- Ⓛ REMOVE DIGESTER TANK (SEE NOTE 17)
- Ⓜ REMOVE DIGESTER TANK (SEE NOTE 17)
- Ⓝ REMOVE DIGESTER TANK (SEE NOTE 17)
- Ⓞ REMOVE TRICKLING FILTER NO.2
- Ⓟ REMOVE TRICKLING FILTER NO.1
- Ⓠ REMOVE DOSING TANK
- Ⓡ REMOVE SECONDARY CLARIFIER NO.1 AND PUMP STATION.
- Ⓢ REMOVE SECONDARY CLARIFIER NO.2 AND PUMP STATION.
- Ⓣ REMOVE SECONDARY CLARIFIER NO.3
- Ⓤ REMOVE SECONDARY CLARIFIER NO.4
- Ⓥ REMOVE TRICKLING FILTER EFFLUENT SPLITTER BOX
- Ⓦ REMOVE FLOW DIVERSION STRUCTURE (PARSHALL FLUME)
- Ⓧ REMOVE OVERFLOW STRUCTURE
- Ⓨ REMOVE FLOW METER VAULT
- Ⓩ REMOVE TRICKLING FILTERS, PUMP STATION AND SPLITTER BOX
- ⓐ PULL BOXES/CONDUITS TO REMAIN

**PROJECT DESCRIPTION: WRF #1 SITE REDEVELOPMENT PHASE 4**

SHEET DESCRIPTION:

**DEMOLITION PLAN**

DRAWN BY:	SS/RMR
DESIGNED BY:	H.COLON
HORIZ.:	40
VERT.:	40

PROJ.#:	22303
F.B.#:	N/A
FILE No.:	N/A
LAST DRAWN:	3/10/22

ENGINEER OF RECORD:	HECTOR A. COLON, P.E. Registered Engineer No. 84007 State of Florida, DATE:
---------------------	---

DATE	REV. BY	SS
3/17/22		

SHEET #:	5 OF 10
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PREPARED BY THE  
**CITY OF OCALA**  
TRANSPORTATION ENGINEERING DIVISION

CITY ENGINEER'S OFFICE  
TRANSPORTATION ENGINEERING DIVISION

Valid only with embossed seal.

**DEMOLITION NOTES**

1. DEMOLITION IS FOR THE EXISTING ITEMS (MAINLY ABOVE GROUND) WITHIN DEMOLITION LIMITS.
2. "DEMOLITION ITEM" SHALL REFER TO ANY EXISTING STRUCTURE OR COMPONENT THAT IS TO BE REMOVED.
3. "REMOVE" SHALL REFER TO THE DEMOLITION (OR DISMANTLING) AND REMOVAL OF ANY DEMOLITION ITEM (OR UTILITY) AND THE HAULING AWAY OF MATERIALS, BY THE CONTRACTOR, TO THE APPROPRIATE DESTINATIONS.
4. THE EXISTING TEMPORARY FENCE IS TO REMAIN IN PLACE DURING AND AFTER THE DEMOLITION PHASE.
5. CONSTRUCTION EQUIPMENT MUST MAINTAIN A MINIMUM APPROACH DISTANCE OF 20' FROM ANY OVERHEAD POWER LINES.
6. ALL ELECTRICAL POWER SUPPLY TO THE DEMOLITION LIMITS IS TO BE PROPERLY DISCONNECTED BY THE CITY OF OCALA BEFORE THE ACTUAL DEMOLITION BEGINS.
7. ALL IN GROUND PULL BOXES (ELECTRICAL VAULTS) ARE TO REMAIN.
8. UNDERGROUND UTILITIES THAT ARE TO BE ABANDONED SHALL REMAIN IN PLACE (TO BE COORDINATED WITH CITY OF OCALA WATER RESOURCES) HOWEVER, ALL EXISTING FUNCTIONAL WATER MAINS, THAT ARE CONNECTED TO THE DEMOLITION ITEMS, ARE TO BE:
  - 8.1. CAPPED AT THE NECESSARY AREAS WHERE DISCONNECTION IS MADE,
  - 8.2. PRESSURE TESTED TO ENSURE THAT THERE ARE NO LEAKS,
  - 8.3. AND WHERE THERE IS A GAP CAUSED BY THE DEMOLITION, SIMILAR ADDITIONAL MATERIAL IS TO BE ADDED, SO THAT THE PIPE NETWORK LOOP IS CLOSED AS NECESSARY.
9. ALL IN-USE VALVES/MANHOLES ARE TO BE ADJUSTED TO GRADE IF NECESSARY. ALL OTHER VALVES/MANHOLES ARE TO BE REMOVED (TO BE COORDINATED WITH CITY OF OCALA WATER RESOURCES).
10. ABOVEGROUND UTILITIES, IF APPLICABLE, ARE TO BE REMOVED TO A DEPTH OF 4' BELOW GRADE (MAX.) AND CAPPED AS NECESSARY.
11. ALL ATTACHMENTS, OF A DEMOLITION ITEM, ARE TO BE REMOVED.
  - 11.1. ATTACHMENTS INCLUDE, BUT ARE NOT LIMITED TO, SUPPORTING STRUCTURES AND ITEMS THAT ARE LOCATED WITHIN, OR IMMEDIATELY ATTACHED TO, A DEMOLITION ITEM.
12. REMOVE ALL LIGHT POLES WITHIN DEMOLITION LIMITS.
13. REMOVE ALL TREES WITHIN DEMOLITION LIMITS.
14. ALL MATERIALS LISTED IN THE "SCOPE OF WORK" SHOULD BE CONSIDERED ASSUMED. MAY NOT INCLUDE ALL MATERIALS PRESENT IN STRUCTURES, ONLY THE BULK OF MATERIALS PRESENT.
15. ALL ENVIRONMENTALLY HAZARDOUS MATERIALS, IF FOUND, ARE TO BE APPROPRIATELY DISPOSED OF SO THAT THEY DO NOT POSE ANY THREAT TO THE ENVIRONMENT.
16. THE METAL DIGESTER LIDS HAVE PREVIOUSLY BEEN REMOVED AND PLACED IN CLOSE PROXIMITY TO THE DIGESTER TANKS. (TO BE TREATED AS A DEMOLITION ITEM AND/OR SCRAP METAL).
17. ALL DEMOLITION ITEMS, IF APPLICABLE, ARE TO BE REMOVED 4' BELOW GRADE (MAX.) AND WHAT REMAINS IS TO BE BROKEN UP TO MEET FLORIDA D.E.P. STANDARDS AS STATED IN THE 'D.E.P. WWTF ABANDONMENT REQUIREMENTS':
  - 17.1. "IF THE PLANT [DEMOLITION ITEM] IS TO BE DEMOLISHED ON-SITE, THE BOTTOM PAD NEEDS TO BE BROKEN IN PIECES TO PROVIDE PERCOLATION".
18. LEVEL WORK AREA AS NECESSARY. BACK FILL, WITH DIRT, ALL VOIDS CREATED BY THE DEMOLITION. USE CLEAN FILL (FREE DRAINING).
19. TO KEEP STORM WATER RUNOFF FLOWING ACROSS AND TO THE PROPER DESTINATION, RETURN ALL DISTURBED AREAS TO GRADE. THE CITY WOULD PREFER THAT THE FULL EXTENT OF THE DEMOLITION LIMITS BE GRADED TO BEST MATCH THE IMMEDIATE SURROUNDING AREA AND/OR THE ELEVATION OF THE EXISTING PARKING AREA (ITEM S ON SHEET 4).
20. SOD, AS NECESSARY, ALL DISTURBED AREAS.



**DISCLAIMER**

This information provided was derived from documents in the possession of the City of Ocala that are readily available. All existing underground utilities should be considered assumed. No warranties, expressed or implied, are provided as to the accuracy of the underground data herein & should be verified to determine exact location.

PROJECT DESCRIPTION: **WRF #1 SITE REDEVELOPMENT PHASE 4**

SHEET DESCRIPTION: **DEMOLITION NOTES - FIGURE SHEET**

DRAWN BY:	SS/RMR	PROJ.#:	22303
DESIGNED BY:	H.COLON	F.B.#:	N/A
HORIZ.:	N/A	FILE No.:	N/A
VERT.:	N/A	LAST DRAWN:	3/10/22

ENGINEER OF RECORD:  
 HECTOR A. COLON, P.E.  
 Registered Engineer No. 84007  
 State of Florida, DATE: \_\_\_\_\_  
 Valid only with embossed seal.

DATE	REV. BY
3/17/22	SS

SHEET #:  
**6** OF **10**

PREPARED BY THE  
**CITY OF OCALA**  
 CITY ENGINEER'S OFFICE  
 TRANSPORTATION ENGINEERING DIVISION



PRIMARY CLARIFIERS NO. 1 (LEFT) & NO. 2 (RIGHT)



PRIMARY CLARIFIER SPLITTER BOX



HEADWORKS



TRICKLING FILTER NO. 3



TRICKLING FILTER NO. 4



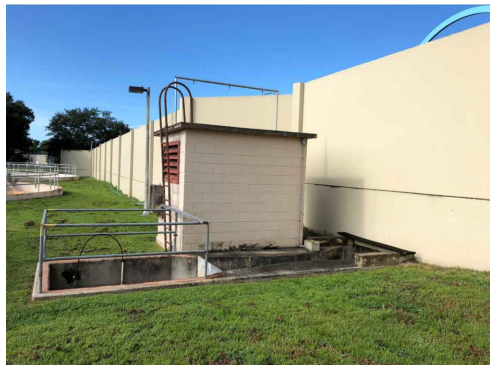
DIGESTER TANKS (3) & DIGESTER CONTROL BUILDING



CHLORINE CONTACT CHAMBER



TRICKLING FILTER EFFLUENT SPLITTER BOX



FLOW DIVERSION STRUCTURE (PARSHALL FLUME)



FLOW METER VAULT AND OVER FLOW STRUCTURE



MULTI MEDIA FILTER



SECONDARY CLARIFIER #1



SECONDARY CLARIFIER #2



SECONDARY CLARIFIER #3 & #4



TRICKLING FILTER #1



TRICKLING FILTER #2

PROJECT DESCRIPTION: WRF #1 SITE REDEVELOPMENT PHASE 4

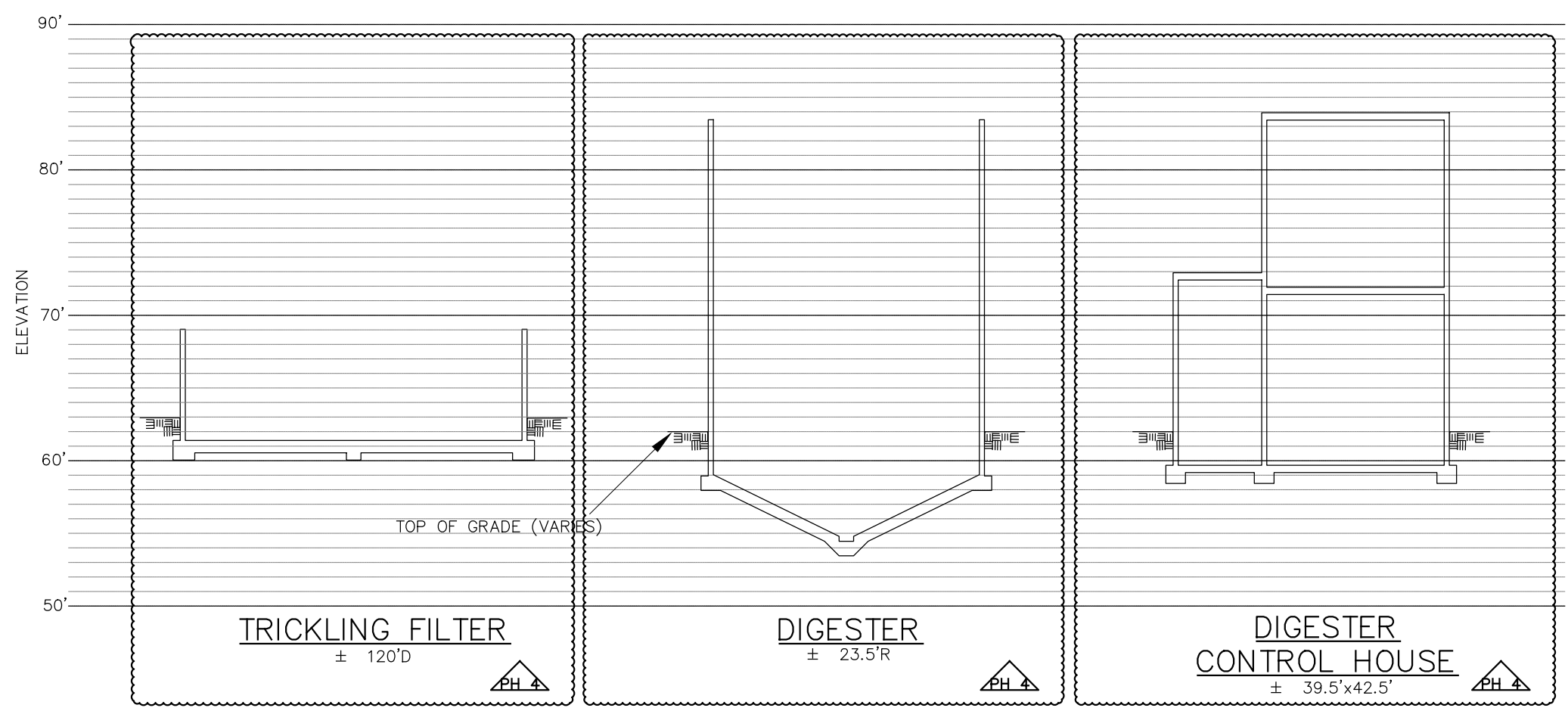
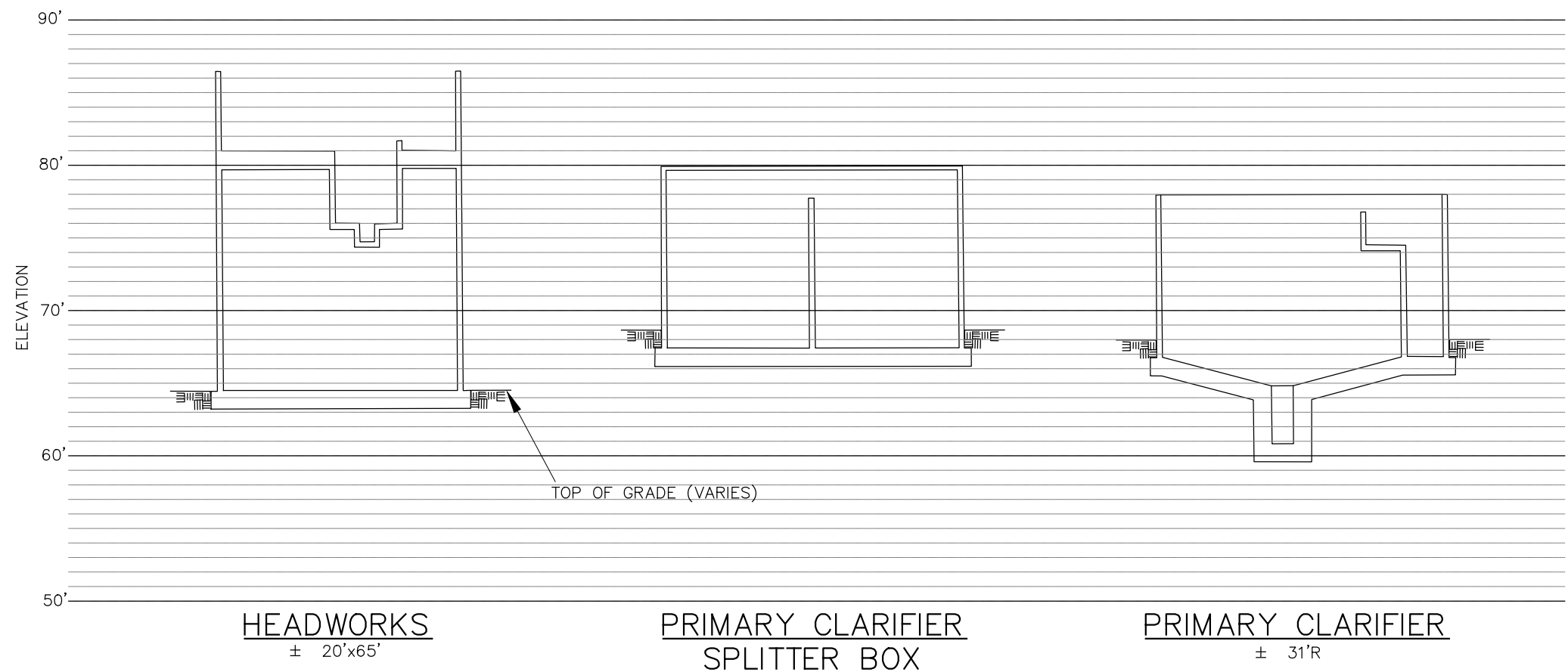
SHEET DESCRIPTION: DEMOLITION NOTES - FIGURE SHEET

DRAWN BY:	SS/RMR	PROJ.#:	22303
DESIGNED BY:	H.COLON	F.B.#:	N/A
HORIZ.:	N/A	FILE No.:	N/A
VERT.:	N/A	LAST DRAWN:	3/10/22

ENGINEER OF RECORD:  
 HECTOR A. COLON, P.E.  
 Registered Engineer No. 84007  
 State of Florida, DATE: \_\_\_\_\_  
 Valid only with embossed seal.

DATE	REV. BY	SHEET #:
3/17/22	SS	7 OF 10

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**CITY OF OCALA**  
 TRANSPORTATION ENGINEERING DIVISION



PROJECT DESCRIPTION: **WRF #1 SITE REDEVELOPMENT PHASE 4**

SHEET DESCRIPTION: **CROSS SECTION**

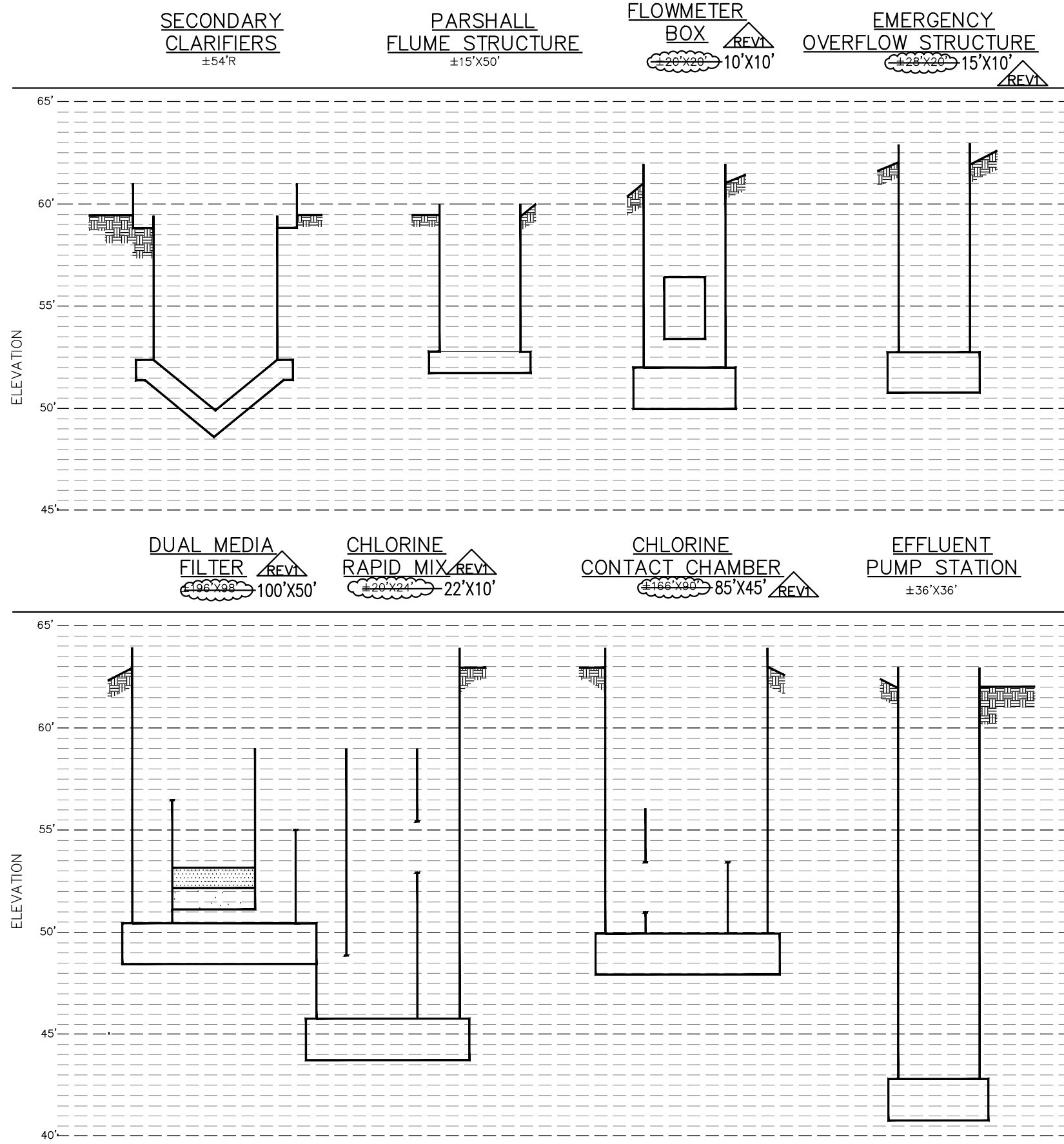
DRAWN BY:	SS/RMR	PROJ. #:	22303
DESIGNED BY:	H. COLON	F.B. #:	N/A
HORIZ.:	N/A	FILE No.:	N/A
VERT.:	N/A	LAST DRAWN:	3/10/22

ENGINEER OF RECORD:  
**HECTOR A. COLON, P.E.**  
 Registered Engineer No. 84007  
 State of Florida, DATE: \_\_\_\_\_  
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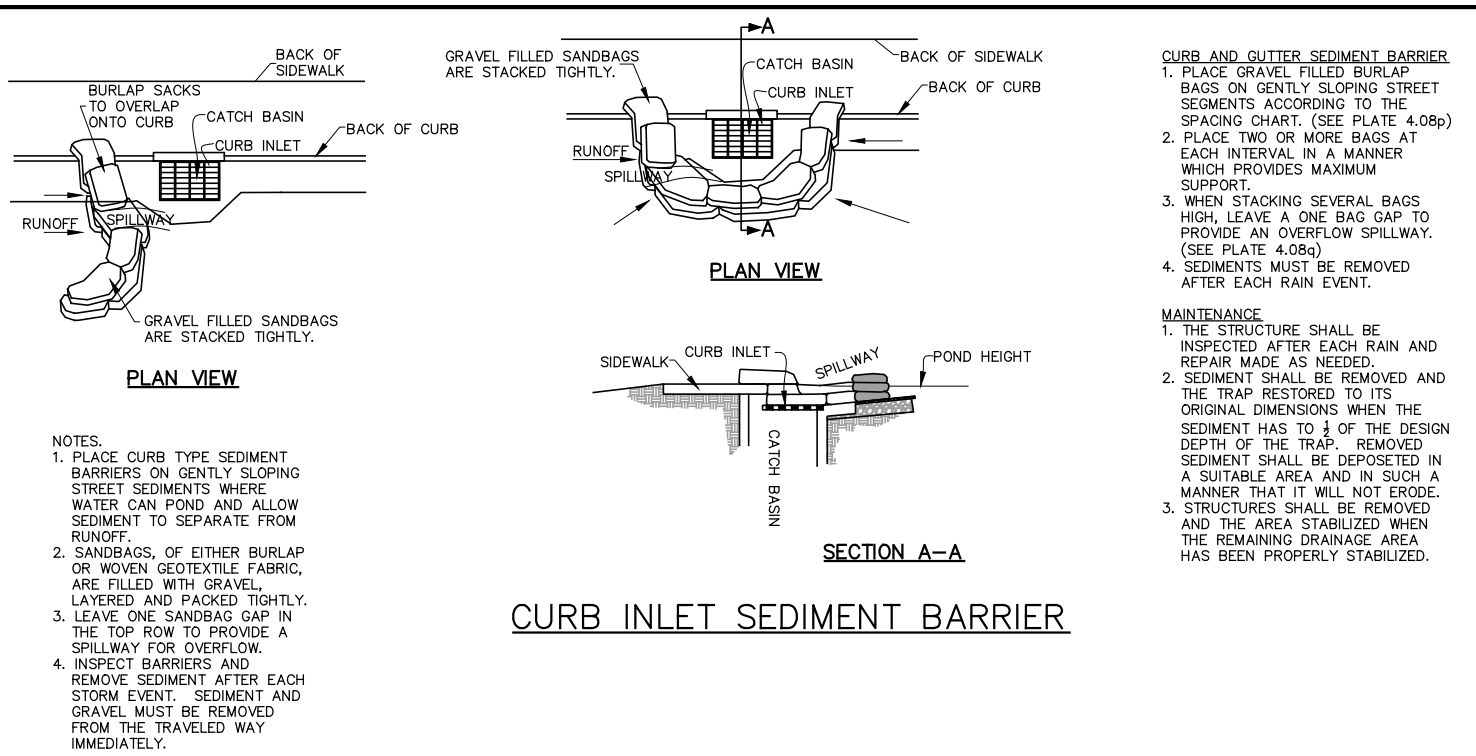
PROJECT DESCRIPTION: **WRF #1 SITE REDEVELOPMENT PHASE 4** SHEET DESCRIPTION: **CROSS SECTION**

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**CURB INLET SEDIMENT BARRIER**

**CURB AND GUTTER SEDIMENT BARRIER**

1. PLACE GRAVEL FILLED BURLAP BAGS ON GENTLY SLOPING STREET SEGMENTS ACCORDING TO THE SPACING CHART. (SEE PLATE 4.08p)
2. PLACE TWO OR MORE BAGS AT EACH INTERVAL IN A MANNER WHICH PROVIDES MAXIMUM SUPPORT.
3. WHEN STACKING SEVERAL BAGS HIGH, LEAVE A ONE BAG GAP TO PROVIDE AN OVERFLOW SPILLWAY. (SEE PLATE 4.08q)
4. SEDIMENTS MUST BE REMOVED AFTER EACH RAIN EVENT.

**MAINTENANCE**

1. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIR MADE AS NEEDED.
2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS TO  $\frac{1}{2}$  OF THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

**DANDY BAG DETAIL**

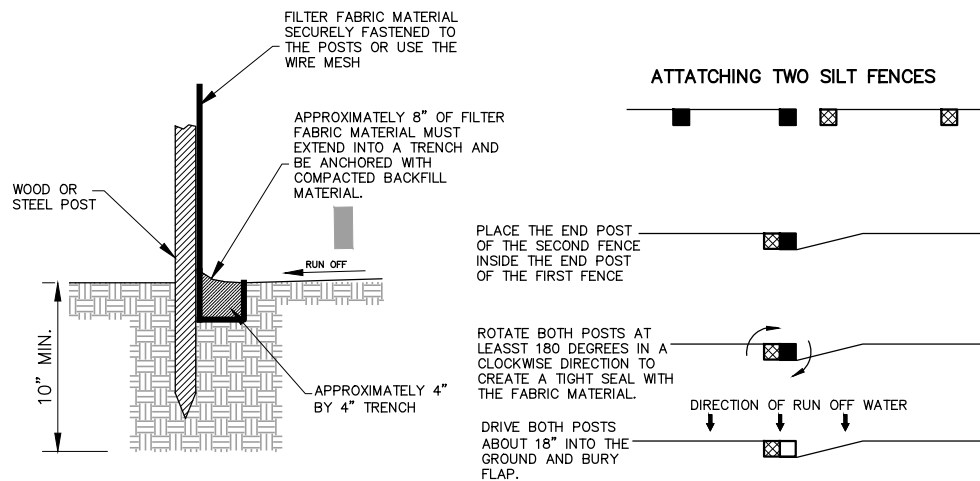
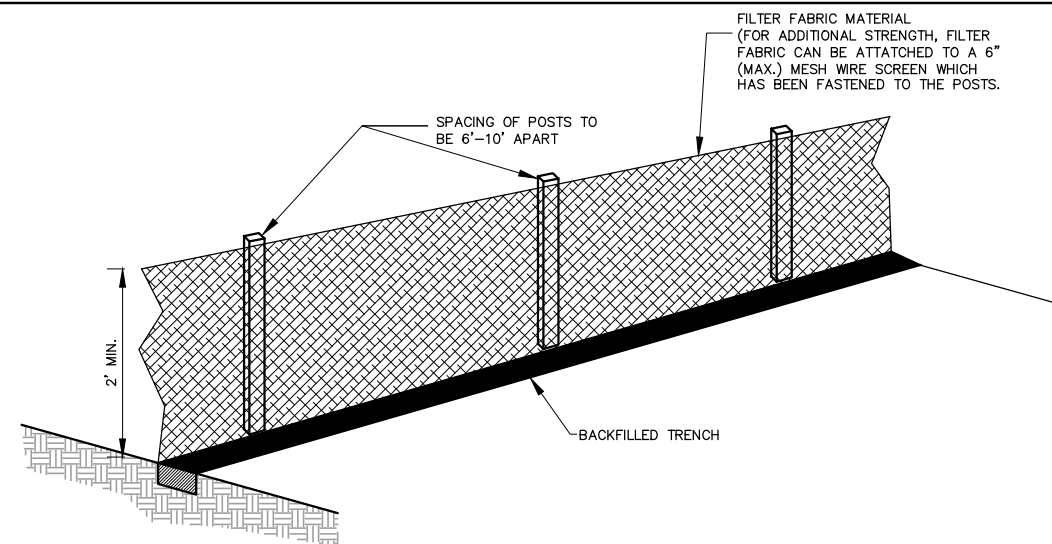
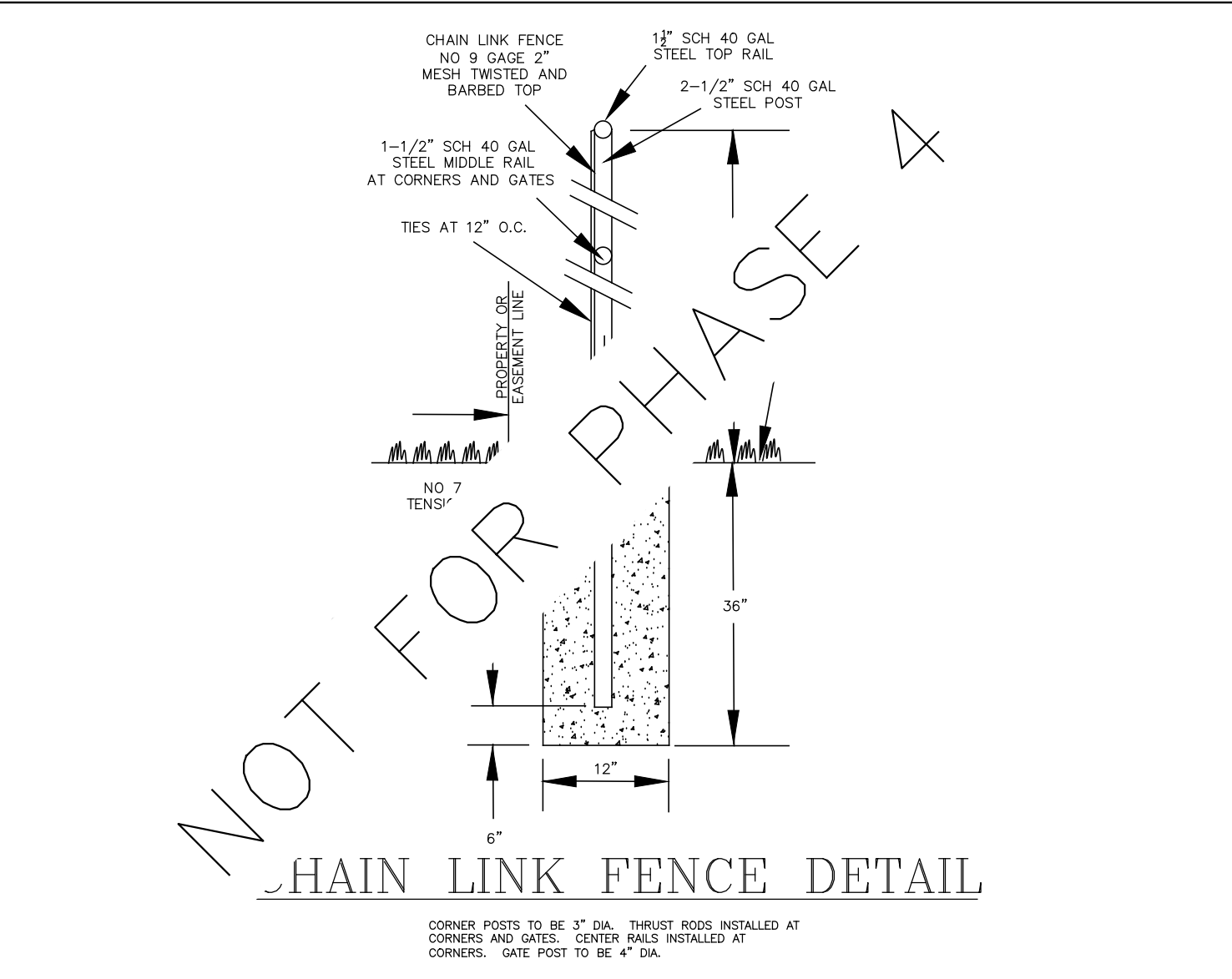
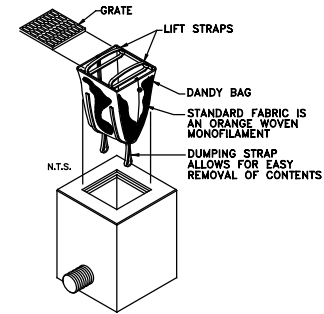
**SWPPP NOTES:**

1. SOIL TRACKING PREVENTION DEVICE (STPD) AT SITE ENTRANCE FOR CONSTRUCTION TRAFFIC SHALL BE INSTALLED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 106, SHOWN ON THIS SHEET FOR REFERENCE. INSTALL STPD PRIOR TO HEAVY CONSTRUCTION TRAFFIC. STPD TO BE REMOVED JUST PRIOR TO LIMEROCK INSTALLATION.
2. A PRESITE MEETING IS REQUIRED PRIOR TO CONSTRUCTION.

**DANDY BAG II**  
Installation and Maintenance Guidelines

**INSTALLATION:** REMOVE THE GRATE FROM CATCH BASIN. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN UNIT. STAND THE GRATE ON END. MOVE THE TOP LIFTING STRAPS OUT OF THE WAY AND PLACE THE GRATE INTO THE DANDY BAG II SO THAT THE GRATE IS BELOW THE TOP STRAPS AND ABOVE THE LOWER STRAPS. HOLDING THE LIFTING DEVICES, INSERT THE GRATE INTO THE INLET.

**MAINTENANCE:** REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM VICINITY OF UNIT AFTER EACH STORM EVENT. AFTER EACH STORM EVENT AND AT REGULAR INTERVALS, LOOK INTO THE DANDY BAG II. IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, LIFT THE UNIT OUT OF THE INLET USING THE LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS; REPLACE ABSORBENT WHEN NEAR SATURATION.



**TYP. SILT FENCE DETAILS**

**DETAILS**

SHEET DESCRIPTION:

PROJECT DESCRIPTION: **WRF #1 SITE REDEVELOPMENT PHASE 4**

SHEET #: **10** OF **10**

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