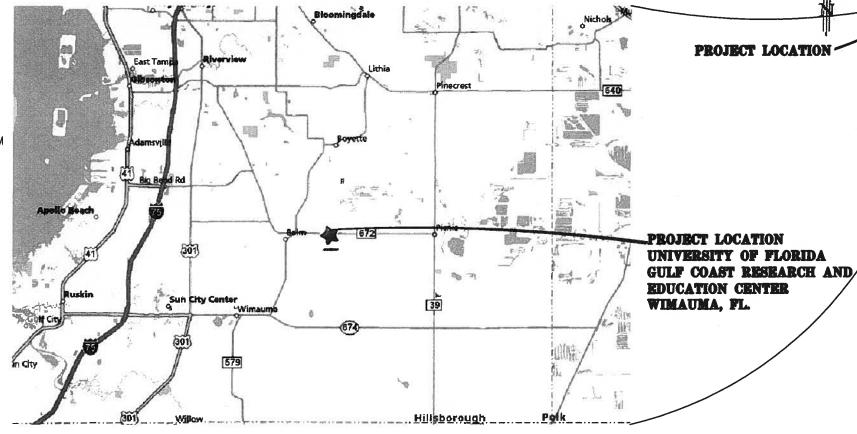
FLORIDA ONSITE SEWAGE NITROGEN REDUCTION STRATEGIES STUDY TASK C RECORD DRAWINGS

LIST OF DRAWINGS

SHEET COUNT	SHEET NUMBER	SHEET TITLE
		GENERAL
1 2	G-1 G-2	COVER SHEET AND INDEX OF DRAWINGS LEGENDS AND NOTES
		CIVIL
3	C-1	EXISTING ONSITE WASTEWATER TREATMENT SYSTEM
4	C-2	OVERALL PROPOSED SITE PLAN
5	C-3	PROCESS FLOW DIAGRAM
6	C-4	HYDRAULIC PROFILE PNRS II
7	C-5	PNRS II DETAILS
8	C-6	PNRS II DETAILS
9	C-7	TASK C NITROGEN FATE & TRANSPORT STUDY AND PNRS II IN-SITU SYSTEMS
10	C-8	WASTEWATER SOURCE COMPONENTS DETAILS
11	C-9	MONITORING PLAN
		STRUCTURAL
12	S-1	PNRS II STRUCTURAL SITE PLAN
13	S-2	PNRS II STRUCTURAL SITE PLAN AND DETAILS
14	S-3	PNRS II STRUCTURAL SITE PLAN AND DETAILS
		MECHANICAL
15	M-1	YARD PIPING PLAN
		ELECTRICAL
16	E-1	ELECTRICAL SITE PLAN
17	E-2	ELECTRICAL SITE PLAN AND DETAILS
		INSTRUMENTATION
18 19	I-1 I-2	PANEL POWER DI MODULE 1
20	1-3	DI MODULE 2
21	1-4	DI MODULE 3
22 23	I−5 I−6	DO MODULE 1 DO MODULE 2
23 24	I-0 I-7	PANEL ELEVATIONS
25	1–8	BILL OF MATERIALS
26	1-9	FUNCTIONAL CONTROL DESCRIPTIONS
27	I - 10	FUNCTIONAL CONTROL DESCRIPTIONS



DECEMBER 2011

LOCATION MAP

Environmental Engineers & Scientists

10002 Princess Palm Ave., Suite 200 Tampa, Florida 33619 Certificate of Authorization Number: 2771



FLORIDA DEPARTMENT OF HEALTH

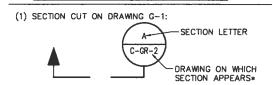
4052 BALD CYPRESS WAY, BIN A08 TALLAHASSEE, FLORIDA 32399-1713

NOTICE:

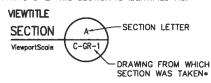
PROJECT LOCATION

THESE "RECORD DRAWINGS" REPRESENT THE FINAL CONDITIONS OF THE CONSTRUCTION PROJECT BASED UPON THE LOCATIONS, DOCUMENTATION, AND INFORMATION FURNISHED TO HAZEN AND SAWYER BY OTHERS, FIELD OBSERVATION AND SUPPORTING PROJECTS

SECTION IDENTIFICATION

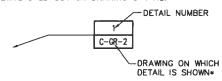


(2) ON DRAWING G-2 THIS SECTION IS IDENTIFIED AS:

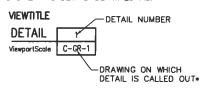


DETAIL IDENTIFICATION

(1) DETAIL CALL-OUT ON DRAWING G-1 AS:



(2) ON DRAWING G-2 THIS DETAIL IDENTIFIED AS:



		L	Ec	SEND	
	89	EXISTING ELEVATION CONTOUR			NEW BUILDING
	82.2	EXISTING SPOT ELEVATION]	-7.54	NEW SHELL GRAVEL
	х	EXISTING FENCE]		NEW GRAVITY LINE
	 SS	EXISTING SANITARY SEWER LINE & MANHOLE	2		NEW PRESSURE LINE
	-04-W	EXISTING WATER LINE & VALVE	SITE PLAN	•	NEW FLOW METER
	- ST	EXISTING STORM LINE & STRUCTURE		H	NEW CHECK VALVE
	ε	EXISTING ELECTRIC LINE		Н	NEW BALL VALVE NORMALLY CLOSED
	OPL	EXISTING OVERHEAD POWER LINE		H	NEW BALL VALVE NORMALLY OPEN
	-GAS	EXISTING GAS LINE		H	NEW PINCH VALVE (PNEUMATIC) NORMALLY CLOSED
ပ္	*	EXISTING LIGHT		H	NEW PINCH VALVE (PNEUMATIC) NORMALLY OPEN
EXISTING	Ð	EXISTING UTILITY POLE		00	NEW RECIRCULATION VALVE
Q	Ø	EXISTING WOOD POWER POLE		→-	NEW WATER MAIN WITH GATE VALVE & BOX
	to to	EXISTING TELEPHONE PEDESTAL		SF	NEW SILT FENCE LINE
	\rightarrow	EXISTING GUY ANCHOR EXISTING WELL EXISTING WATER METER EXISTING FIRE HYDRANT		130-	NEW ELEVATION CONTOUR
	⊛			§-10	NEW STORM STRUCTURE IDENTIFICATION
	(28)			* 100.00	NEW SPOT ELEVATION
	¥			~	DIRECTION OF SURFACE DRAINAGE FLOW
	—TE —	EXISTING UNDERGROUND TELEPHONE LINE			
	(6)	EXISTING TREE (SIZE & TYPE)			
		EXISTING STRUCTURE		1	

SITE GENERAL NOTES

- 1. THE TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON A SURVEY AS PREPARED BY PHOTOGRAMMETRIC TECHNOLOGIES, INC. DATED FEBRUARY 2, 2003. THE BOUNDARY SURVEY IS AS PROVIDED BY U.F. I.F.A.S.
- CONTRACTOR TO REVIEW GEDTECHNICAL REPORT AND BORINGS PRIOR TO BIDDING THE PROJECT AND FOLLOW OUTLINED
- 3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SERVICES OF AN APPROVED TESTING LABORATORY AND SOILS ENGINEER, AS REQUIRED BY APPLICABLE REGULATORY AGENCIES AND AS MAY BE FOUND IN THE ENGINEERING CONSTRUCTION DRAWINGS. CONTRACTOR TO VERIFY ALL TESTING WITH THE OWNER PRIOR TD COMMENCING CONSTRUCTION, UPON COMPLETION OF THE WORK, THE SOILS ENGINEER MUST SUBMIT TO THE OWNER'S ENGINEER CERTIFICATIONS STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
- 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
- 6. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK INCLUDING LANDSCAPING.
- 7. REPAIR AND REPLACEMENT OF ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THEN EXISTING CONDITIONS BEFORE COMMENCING CONSTRUCTION WORK UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. ADDITIONAL COSTS ARE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA
- 8 RECORD DRAWINGS-
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING INFORMATION ON A SET OF THE APPROVED PLANS
 CONCURRENTLY WITH CONSTRUCTION PROGRESS. WITHIN TWO WEEKS FOLLOWING FINAL INSPECTIONS THE CONTRACTOR
 SHALL SUBMIT ONE SET OF DRAWINGS TO THE ENGINEER OF RECORD. THE FINAL RECORD DRAWINGS SHALL CDMPLY WITH THE FOLLOWING REQUIREMENTS:
- A. DRAWING TO BE LEGIBLY MARKED TO RECORD ACTUAL CONSTRUCTION.
- B. DRAWINGS SHALL SHOW ACTUAL LOCATION OF ALL UTILITIES AND RELATED ITEMS, BOTH ABOVE AND BELOW GROUND, ALL CHANGES TO PIPING LOCATION INCLUDING HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES SHALL BE CLEARLY SHOWN AND REFERENCED TO PERMANENT SURFACE IMPROVEMENTS, DRAWINGS SHALL ALSO SHOW ACTUAL INSTALLED PIPE
- C. DRAWINGS SHALL CLEARLY SHOW ALL FIELD CHANGES OF DIMENSION AND DETAIL.
- D. DRAWINGS SHALL CLEARLY SHOW ALL DETAILS NOT DN ORIGINAL CONTRACT DRAWINGS BUT CONSTRUCTED IN THE FIELD. ALL EQUIPMENT AND PIPING RELOCATIONS SHALL BE CLEARLY SHOWN.
- E. LOCATIONS OF ALL MANHOLES, HYDRANTS, VALVES AND VALVE BOXES SHALL BE SHOWN.
- F. THE CONTRACTOR SHALL PROVIDE CERTIFIED RECORD DRAWING, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR. THE RECORD DRAWINGS SHALL SHOW FINAL GRADES AND LOCATIONS ON ALL UTILITIES INCLUDING THE SANITARY SEWER, WATER, PRODUCT PIPING, AND STORM WATER COLLECTION SYSTEM (I.E. PIPES, INLETS, AND PONDS). THE CONTRACTOR SHALL PROVIDE TEN COPIES OF THE CERTIFIED RECORD GRAWINGS TO THE OWNER.
- 9. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS.
- 10. ALL DELETERIDUS MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER'S ENGINEER OR OWNER'S SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED AND REMOVED FROM THE CAMPUS AREA AND PLACED ON—SITE AS DIRECTED BY THE OWNERS REPRESENTATIVE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVEO MATERIALS AND COMPACTED AS SHOWN ON
- 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY, TRENCHES SHALL BE KEPT DRY WHILE PIPES ARE BEING PLACED.

 DEWATERING SHALL BE USED AS REQUIRED, AND PERMITTED THROUGH LOCAL GOVERNMENTAL AGENCIES AND WATER

 MANAGEMENT DISTRICT PER CURRENT REGULATIONS AT THE SOLE COST OF THE CONTRACTOR.

ELECTRICAL LEGEND

- EQUIPMENT CONNECTION OUTLET VERIFY LOCATION
- **②** JUNCTION BOX
- 1 TRANSFORMER

KXXX DISTRIBUTION SWITCHBOARD OR PANELBOARD

BRANCH CIRCUIT PANELBOARD

CONOUIT HOMERUN TO PANELBOARO. "L1" INDICATES THE PANELBDARO NUMBER. "1,3" INDICATES THE BRANCH CIRCUIT NUMBERS. HATCH MARKS DENOTE NUMBER OF CONDUCTORS EXCLUDING GROUND CONDUCTOR. NO HATCH MARKS DENOTES 1L1-1.3 TWO #12 CONDUCTORS AND ONE #12 GROUNDING CONDUCTOR

-U- UNDERGROUND CONOUIT

--- CONDUIT STUB-UP (1L1) PANELBOARO NUMBER

Florido Professional Engineer's Registration Number: 69835

ELECTRICAL ABBREVIATIONS

A	AMPS	HOA	HAND-OFF-AUTOMATIC
AFF	ABOVE FINISHED FLOOR	HP	HORSEPOWER
AICS	AMPS INTERRUPTING CAPACITY SYMMETRICAL	IMC	INTERMEDIATE METAL CONDUIT
BKR	BREAKER	к	KILO
С	CONOUIT	LTG	LIGHTING
CLG	CEILING	MTD	MOUNTEO
CKT	CIRCUIT	NEC	NATIONAL ELECTRICAL CODE
cu	COPPER	OHP	OVERHEAD PRIMARY
EF	EXHAUST FAN	Ρ	POLE
EMT	ELECTRICAL METALLIC TUBING	PWR	POWER
FU	FUSE	UGE	UNDERGROUND ELECTRIC
FLR	FLOOR	UL	UNDERWRITERS LABORATORIES
GFI	GROUND FAULT INTERRUPTER	UNO	UNLESS NOTEO OTHERWISE
GRD	GROUND	٧	VOLTS
		VA	VOLT-AMPERES
		W	WATTS

IG	i			
EO				
AL ELECTRICAL CODE				
EAO PRIMARY				
GROUND ELECTRIC				
WRITERS LABORATORIES				
NOTEO OTHERWISE				
AMPERES				

WP WEATHERPROOF PHASE

CONSTRUCTION NOTES

- 1 ALL MATERIALS AND WORK SHALL COMPLY WITH REQUIREMENTS OF CHAPTER 64E-6. FLORIDA ADMINISTRATIVE CODE (FAC), AND REQUIREMENTS, DF PERMITS ISSUED FOR THIS CONSTRUCTION. SHOP DRAWINGS FDR ALL COMPONENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING SYSTEM COMPONENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR ANO OBTAINING APPROPRIATE PERMITS AND FOR SCHEOULE/COORDINATING INSPECTIONS, REVIEWS, AND APPROVALS
- 3. LOCATIONS SHOWN ON THESE DRAWINGS ARE APPRDXIMATE AND MAY BE FIELD ADJUSTED WITH APPRDVAL OF OWNER AND HEALTH DEPARTMENT.
- ENGINEER OF RECORD IS REQUIRED TO DO AN INITIAL INSPECTION. CONTRACTOR TO CALL (48) HOURS PRIOR TO INSPECTION TO REQUEST AN INSPECTOR

WATER AND WASTEWATER GENERAL NOTES

- 1. ALL WATER AND WASTEWATER INSTALLATION CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE
- 2. IF THE VERTICAL CLEARANCE AT CROSSING POINTS OF WATER AND SANITARY SEWER LINES IS LESS THAN 18" (IN), THE SANITARY SEWER LINE SHALL THEN BE ENCASED IN A WATER TIGHT CARRIER PIPE FOR 1D' (FT) EACH SIDE OF THE
- 3. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE OWNER AND OWNER'S ENGINEER SHOP DRAWINGS ON ALL PRECAST AND MANUFACTURED ITEMS TO BE USED ON THIS SITE. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE. ENGINEER'S APPROVAL OF A SHOP DRAWING DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR THE PERFORMANCE OF THE ITEM.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY UTILITY FIELD LOCATIONS, RELOCATIONS AS REQUIRED, SHALL
- 5. THE HORIZONTAL SEPARATION BETWEEN WATER MAINS AND PERMANENT STRUCTURES, TREES AND SANITARY SEWER MAINS SHALL BE 10' (FT) MINIMUM.
- 6. THE HORIZONTAL SEPARATION BETWEEN SEWER MAINS AND PERMANENT STRUCTURES AND TREES SHALL BE 15' (FT)
- WATER MAIN MATERIALS SHALL BE:
 4" 12" MAINS SHALL BE PER AWWA, C90D, DR18, CLASS 150.
- 2" AND SMALLER LINES SHALL BE PVC SCHEOULE 80 WITH PRESSURE RATING OF 2DO.
- 8. SANITARY SEWER PIPE MATERIALS SHALL BE:
- 4" 8" SEWER SHALL BE PVC, SDR26 MEETING ASTM D3D34.
- 4" AND SMALLER LINES SHALL BE PVC SCHEDULE 80 WITH PRESSURE RATING OF 20D. MINIMUM SLOPE FOR LATERALS SHALL BE 1.DOZ.
- 9. PROJECT IS LOCATED IN THE HILLSBOROUGH FIRE DISTRICT, STATION NO. 3

	SUMMARY OF TANKAGE						
TANK	TANK DESCRIPTION	SIZE	MATERIAL				
TANK 1	NEW STE TWO COMPARTMENT DOSING TANK	1050 GAL	CONCRETE				
TANK 2	EXISTING STAGE 2 SEPTIC TANK	1250 GAL	CONCRETE				
TANK 3	NEW DENITE FEED TANK	30 GAL	PLASTIC				
TANK 4	NEW STE ORIP STORAGE TANK	300 GAL	CONCRETE				
TANK 5	NEW NO3 ORIP STORAGE TANK	300 GAL	CONCRETE				

	SUMMARY OF PUMPS					
PUMP	PUMP LOCATION	TYPE	MANUFACTURER/MAKE	MODEL		
P1	TANK 2	SUBMERSIBLE	STA-RITE	2000M05221		
P2	TANK 1	SUBMERSIBLE	LETTLE GIANT	5-MSP		
P3	TANK 1	SUBMERSIBLE	LITTLE GIANT	5-MSP		
P4	TANK 1	SUBMERSIBLE	LITTLE GIANT	5-MSP		
P5	DOSES INSITU STAGE 1 BIOFILTERS	PERISTALTIC	MASTERFLEX	R-07523-80		
P6	RECIRCULATION DOSE TANK 1	SUBMERSIBLE	LITTLE GIANT	5-MSP		
P7	RECIRCULATION OOSE TANK 2	SUBMERSIBLE	LITTLE GIANT	5-MSP		
PB	RECIRCULATION DOSE TANK 3	SUBMERSIBLE	LITTLE GIANT	5-MSP		
P9	RECIRCULATION DOSE TANK 4	SUBMERSIBLE	LITTLE GIANT	5-MSP		
P10	NOT USED					
P11	DOSES STAGE 2 BIOFILTERS	PERISTALTIC	MASTERFLEX	R-07253-90		
P12	TANK 4	SUBMERSIBLE	STA-RITE	20D0M05221		
P13	TANK 5	SUBMERSIBLE	STA-RITE	20D0M05221		
P14	TANK 1	SUBMERSIBLE	LITTLE GIANT	5-MSP		
P15	TANK 4	SUBMERSIBLE	LITTLE GIANT	5-MSP		

RECORD DRAWING

81						
97: 40					DESIGNED	JME
7	6	RECORD DRAWING TASK C	12/11		DRAWN	CMS
2011 34.2	5	RECORD DRAWING PNRS II	05/10	-	CHECKED	DBS
Š	4	FINAL SUBMITTAL	01/10		0.1.25.1.25	
\$	3	100% SUBMITTAL	12/09	-	PROJ. ENGR	JME
2	2	75% SUBMITTAL	12/09	-	.	
8	1	50% SUBMITTAL	08/09	_	DLA	
51	ND.	issueo for	DATE	BY	APPROVED	

PROJECT BENCHMARK

HAZEN AND SAWYER

Registry One Building, Suite 200 Tampa, Florida 33619



FLORIDA DEPARTMENT OF HEALTH 4052 BALD CYPRESS WAY, BIN A08 TALLAHASSEE, FL 32399-1713 (850)-245-4070

FLORIDA DEPARTMENT OF HEALTH FLORIDA ONSITE SEWAGE NITROGEN REDUCTION STRATIGIES STUDY

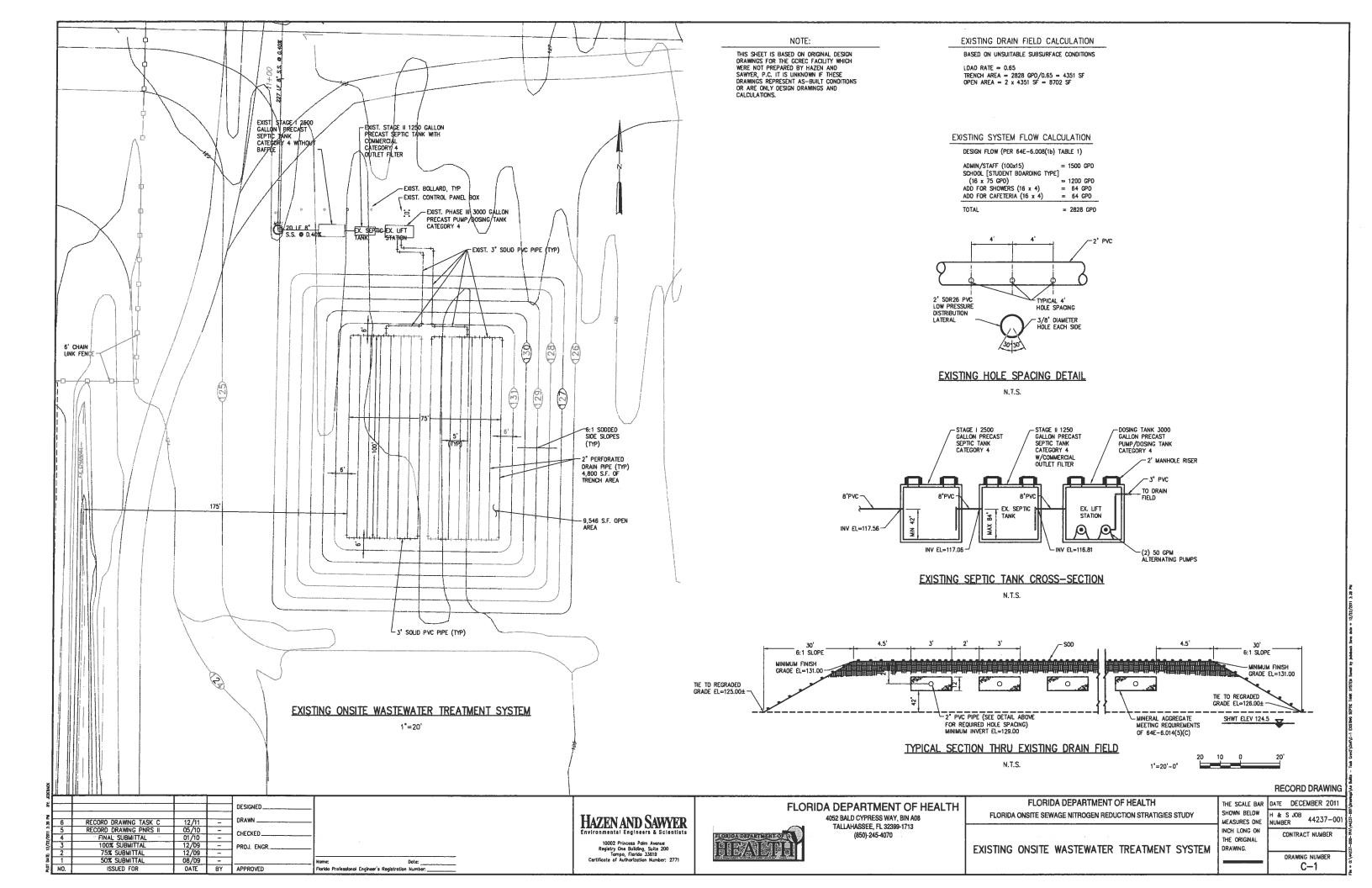
LEGENDS AND NOTES

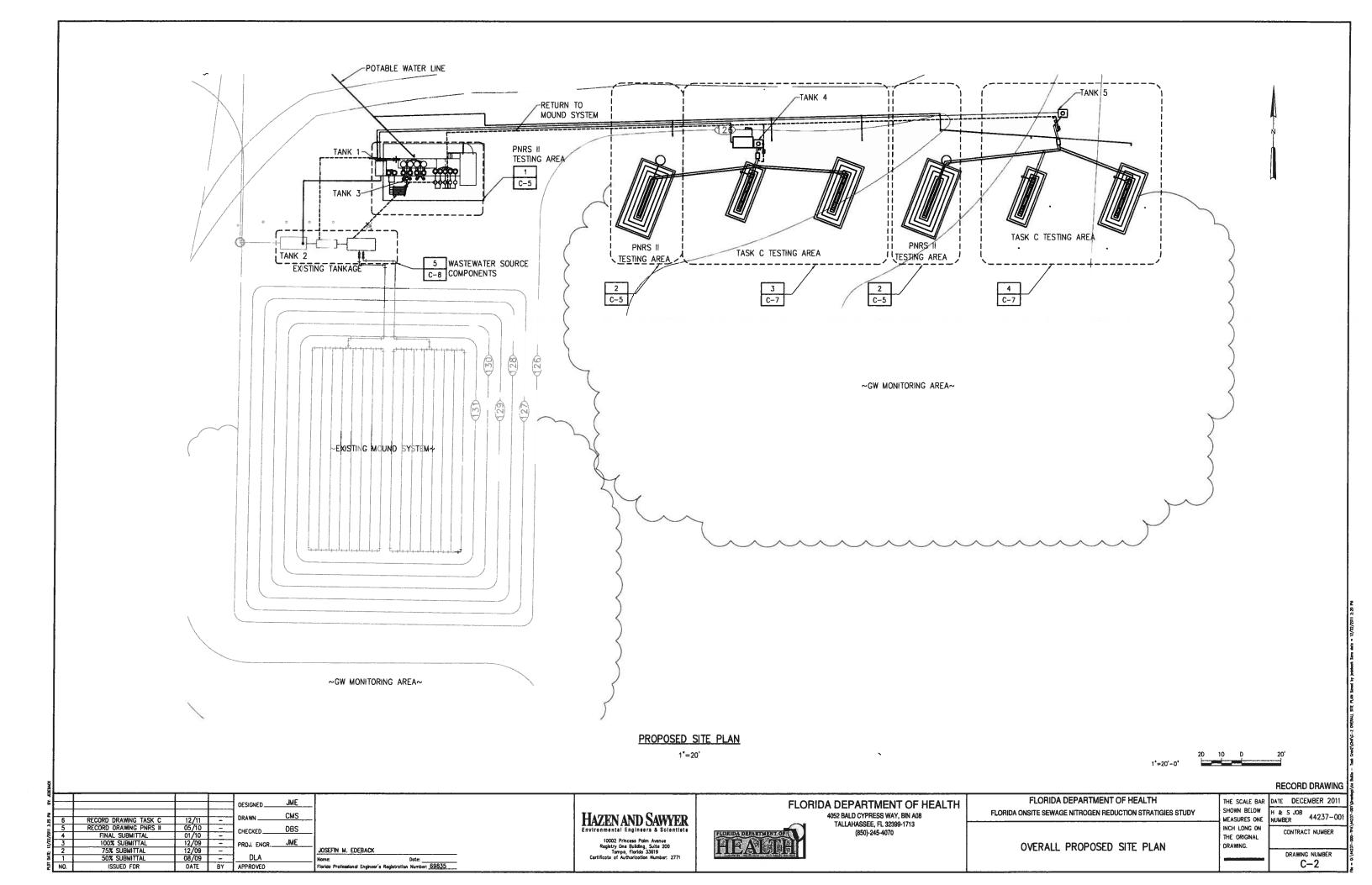
THE SCALE BAR DATE DECEMBER 2011 SHOWN BELOW INCH LDNG ON THE ORIGINAL DRAWING.

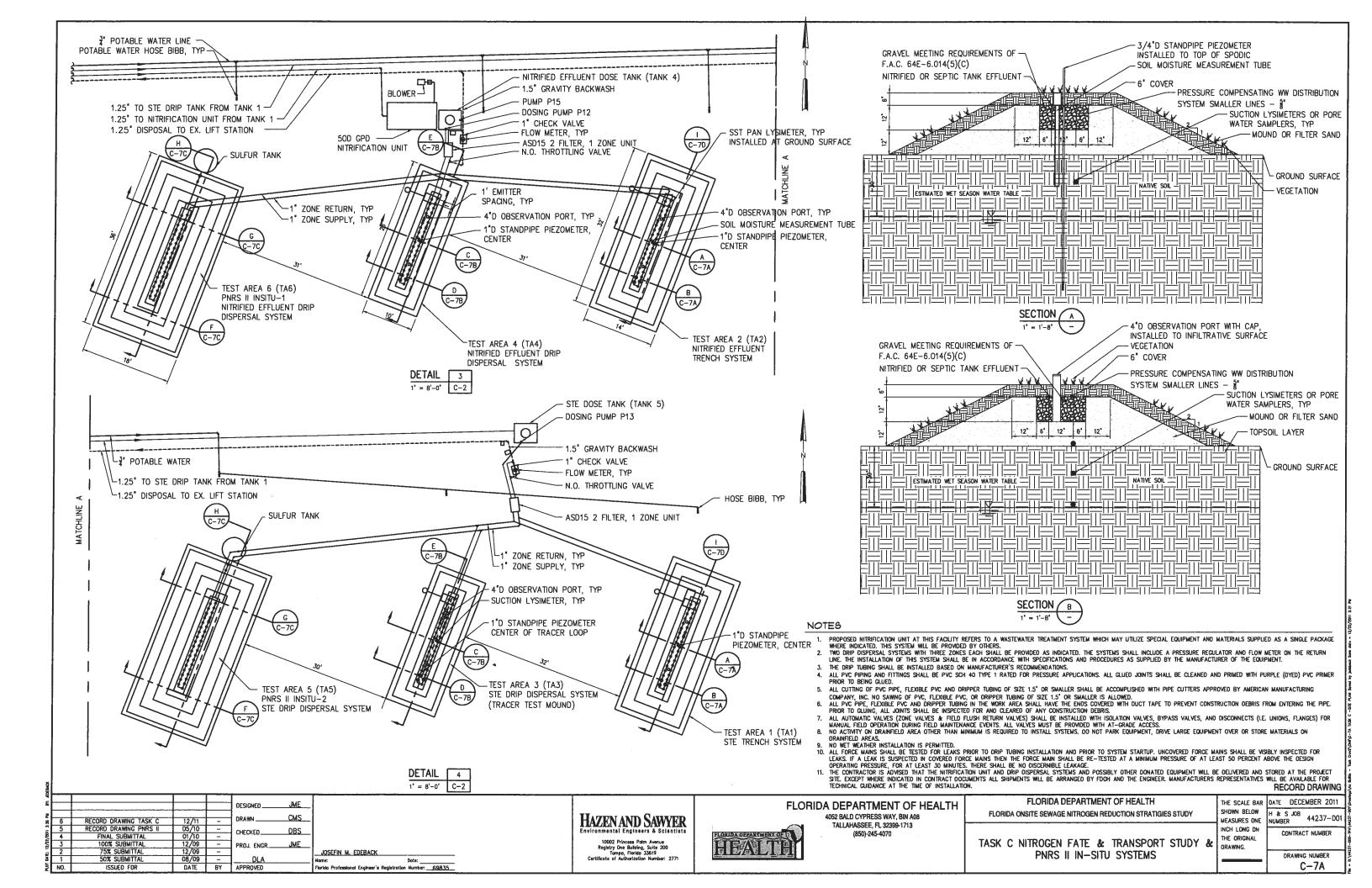
MEASURES ONE

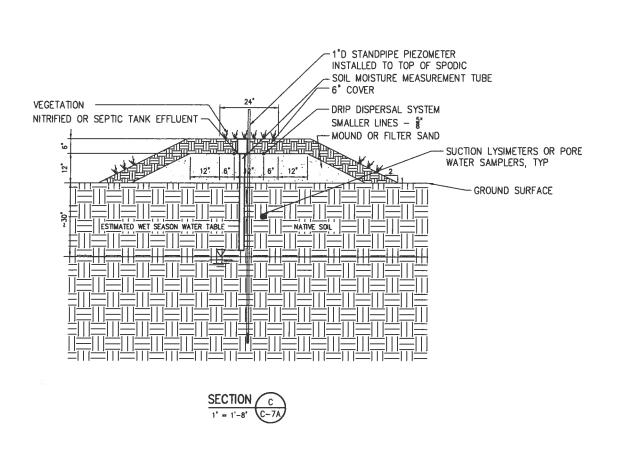
H & S JOB 44237-00

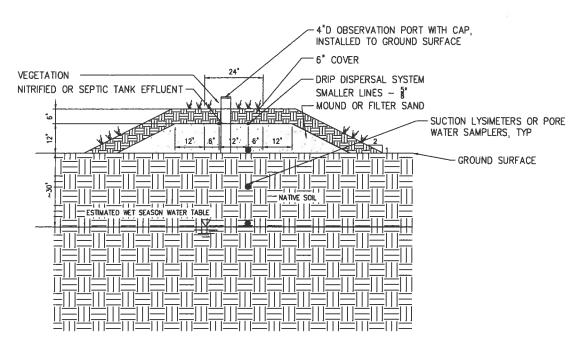
CONTRACT NUMBER DRAWING NUMBER G-2

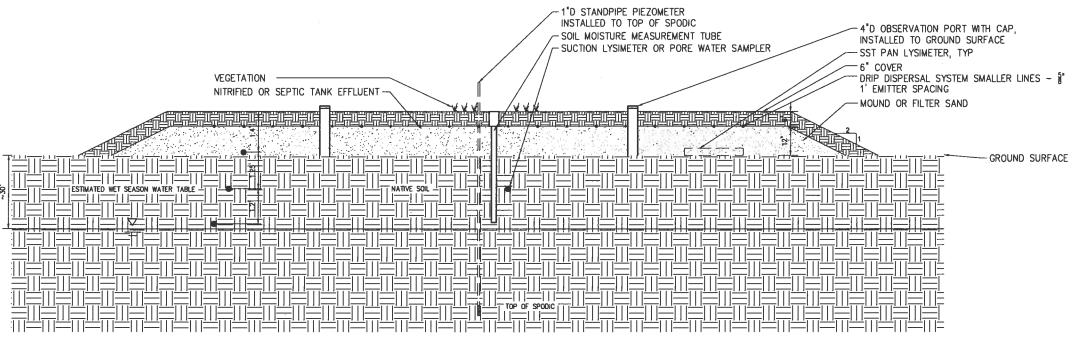














- 8						
#					DESIGNEDJME	
27 74	6	RECORD DRAWING TASK C	12/11	_	DRAWNCMS	
311 3.2	5	RECORD DRAWING PNRS II	05/10	_	CHECKED DBS	
2/22/	3	FINAL SUBMITTAL 100% SUBMITTAL	01/10 12/09		PROJ. ENGR. JME	
5	2	75% SUBMITTAL	12/09	-		JOSEFIN M. EDEBACK
3	1	50% SUBMITTAL	08/09		DLA	Name: Date:
2	ND.	issued for	DATE	BY	APPROVED	Florida Professional Engineer's Registration Number: 69835

HAZEN AND SAWYER 10002 Princess Palm Avenue Registry One Building, Suite 200 Tampa, Florida 33619 Certificate of Authorization Number: 2771



FLORIDA DEPARTMENT OF HEALTH 4052 BALD CYPRESS WAY, BIN A08

TALLAHASSEE, FL 32399-1713 (850)-245-4070

FLORIDA DEPARTMENT OF HEALTH	
FLORIDA ONSITE SEWAGE NITROGEN REDUCTION STRATIGIES STUDY	

TASK C NITROGEN FATE & TRANSPORT STUDY & PNRS II IN-SITU SYSTEMS

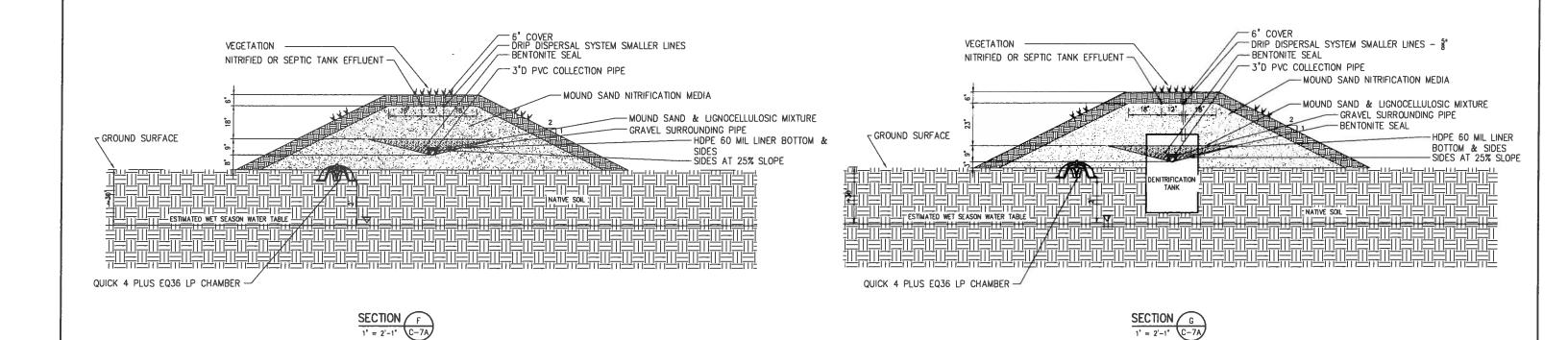
	RECORD DRAWING
	DATE DECEMBER 2011
OWN BELOW	H & S JOB NUMBER 44237-D01

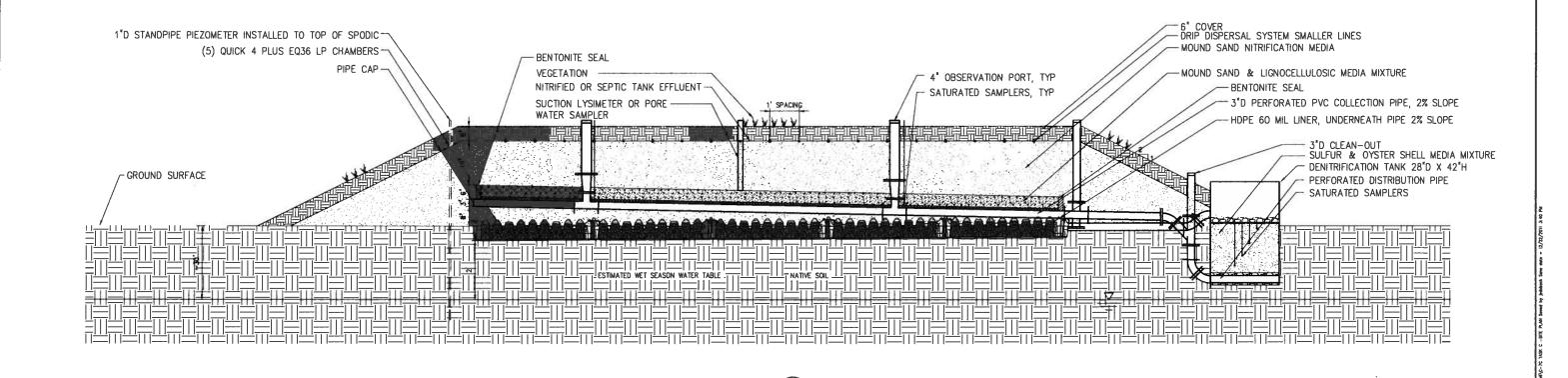
THE ORIGINAL

ORAWING.

INCH LONG ON CONTRACT NUMBER

DRAWING NUMBER C-7B





2					DESIGNEDJME	
- N	6	RECORD DRAWING TASK C	12/11	_	DRAWNCMS	-
31 740	5	RECORD ORAWING PNRS II	05/10	_	CHECKED DBS	
1/22/2011	3	FINAL SUBMITTAL 100% SUBMITTAL	12/09	-	PROJ. ENGR. JME	-
E: 12	2	75% SUBMITTAL	12/09	-	TROS. GYGN.	JOSEFIN M. EDEBACK
5	NO.	50% SUBMITTAL ISSUED FOR	08/09 0ATE	BY	DLA APPROVED	Name: Florida Professional Engineer
E	140.	100000 1 011	I DAIL		MITHOTED	The see The construction brightness

Florida Professional Engineer's Registration Number: 69835

HAZEN AND SAWYER 10002 Princess Palm Avenue Registry One Building, Suite 200 Tompo, Florido 33819 Certificate of Authorization Number: 2771



FLORIDA DEPARTMENT OF HEALTH 4052 BALD CYPRESS WAY, TALLAHASSEE, FL 32399 (850)-245-4070

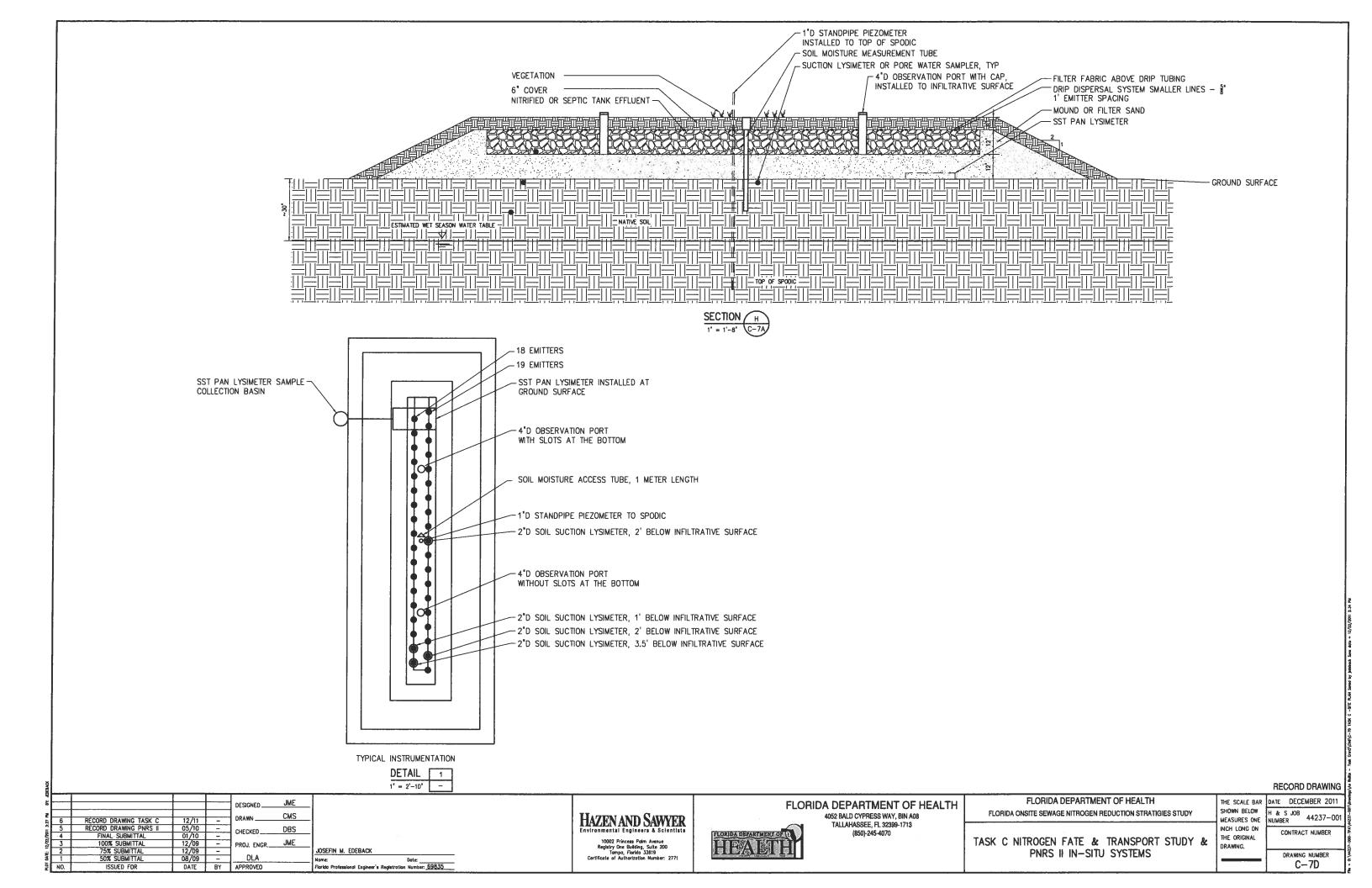
, BIN A08	FLORIDA ONSITE SEWAGE NITROGEN REDUCTION STRATIGIES STUDY
9-1713	

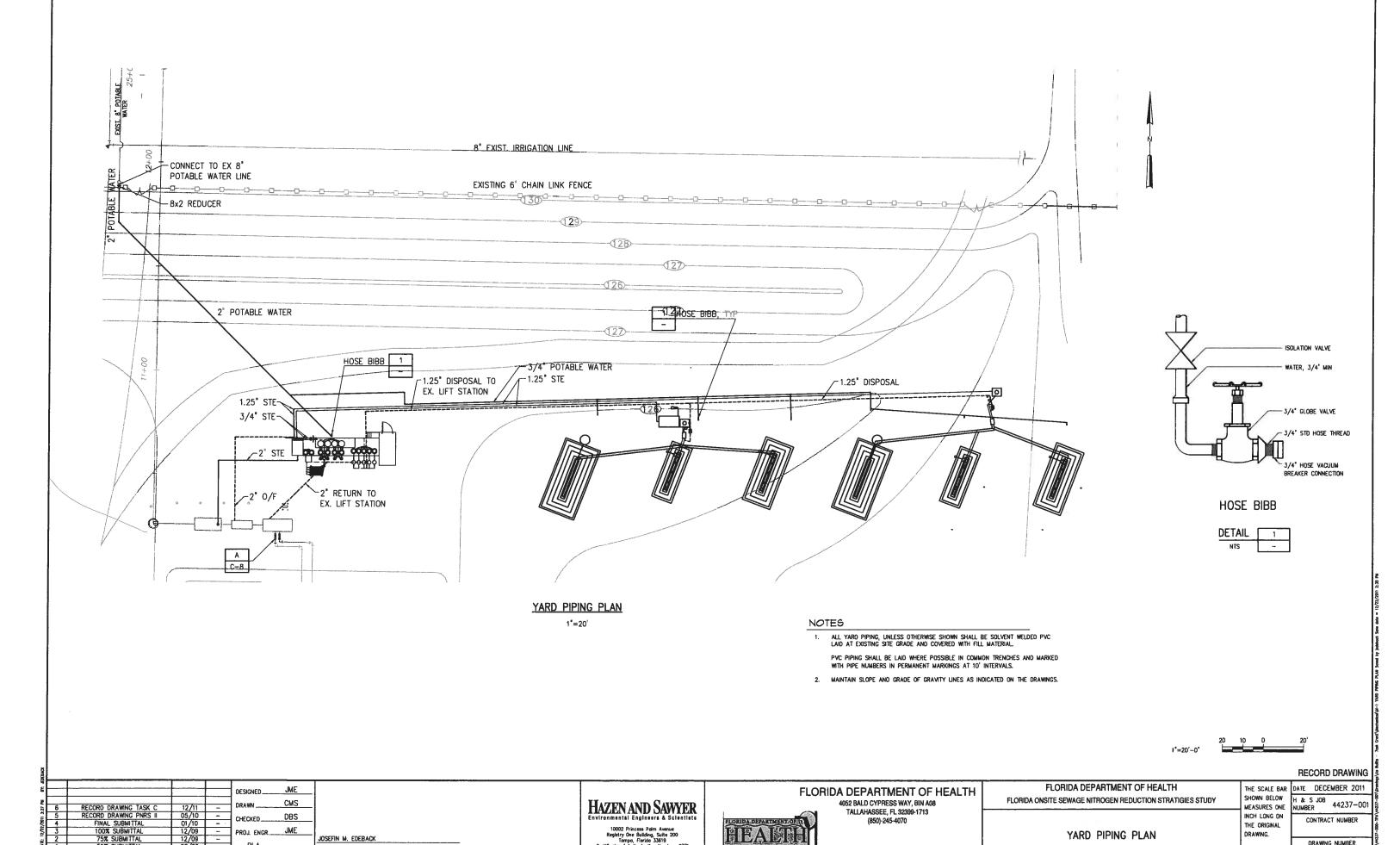
ASK	C	NITROGEN	FATE	&	TRANSPORT	STUDY	&c
		PNRS	II IN-S	SITU	SYSTEMS		

FLORIDA DEPARTMENT OF HEALTH

	NECOND DRAWIN
THE SCALE BAR	DATE DECEMBER 201
SHOWN BELOW MEASURES ONE	H & S JOB NUMBER 44237-0
THE ORIGINAL	CONTRACT NUMBER

DRAWING NUMBER C-7C





PROJ. ENGR._

JOSEFIN M. EDEBACK

YARD PIPING PLAN DRAWING. DRAWING NUMBER

M-1