

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
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A+ STORAGE - PALAFOX ADDITION
NORTH - DEMOLITION / SITE PLAN

DATE	
REVISION	
NUMBER	

DRAWN BY:
A. BURKETT

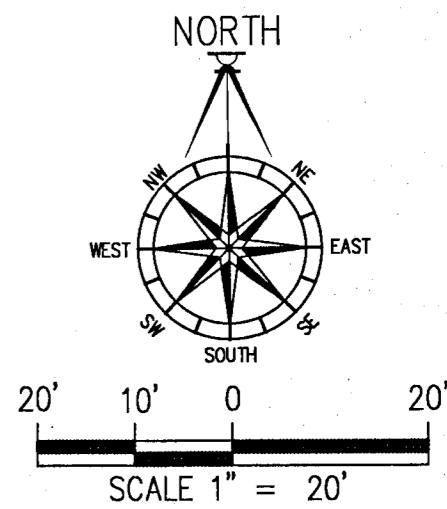
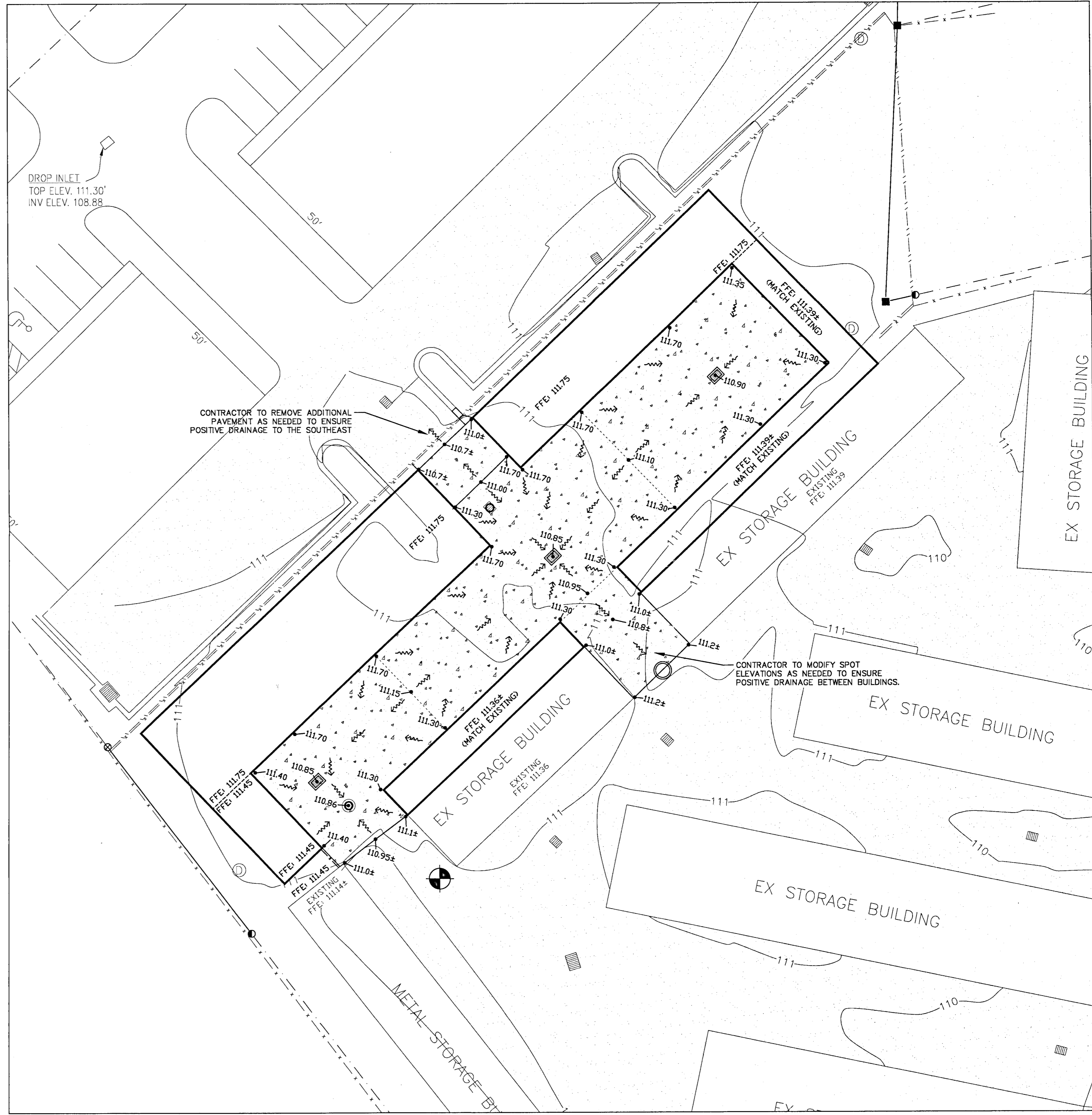
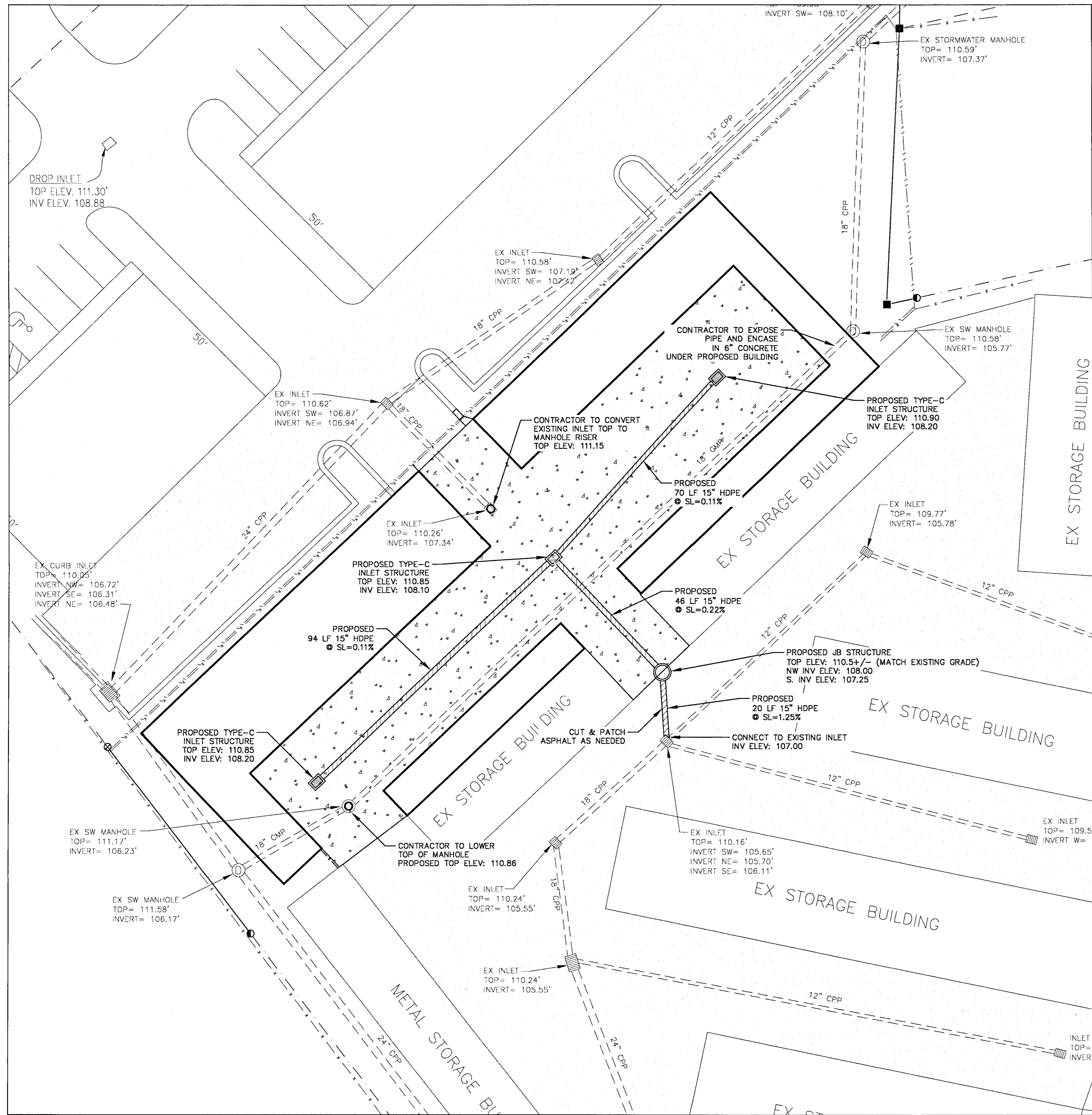
DESIGNED BY:
DAVID W. FITZPATRICK

PROJECT NUMBER
21-007

PLOT DATE
8/6/21

SHEET C3 OF C9

FLORIDA PROFESSIONAL ENGINEER
No. 47818
STATE OF FLORIDA



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A+ STORAGE - PALAFOX ADDITION
NORTH - DRAINAGE / GRADING PLAN

DATE	
REVISION	
NO.	DESCRIPTION

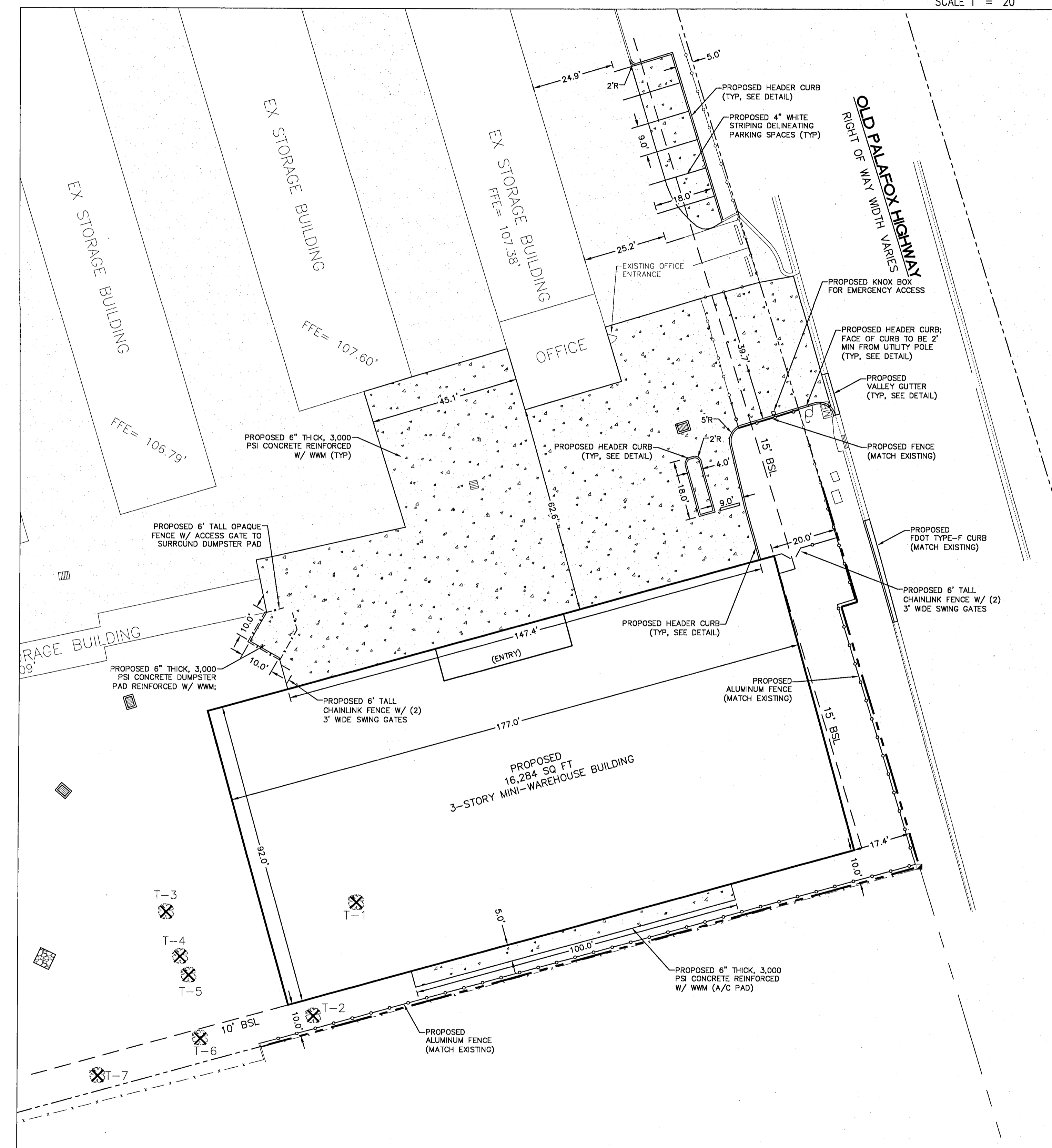
DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SEAL DAVID W. FITZPATRICK No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER
NUMBER 1001-1007
PLOT DATE 8/6/21
SHEET C4 OF C9

SELF-STORAGE FACILITIES: 1.5 SPACES PER 100 STORAGE UNITS + 2

ALL UNITS FROM THE 1-STORY BUILDINGS ARE ACCESSED DIRECTLY OFF THE DRIVE AISLES. THE DRIVE AISLES ARE WIDE ENOUGH TO ACCOMMODATE PASSING VEHICLES, THEREFORE ALL PARKING FOR THE EXISTING BUILDINGS AND PROPOSED 1-STORY BUILDINGS WILL BE PROVIDED IN THE DRIVE AISLES.

3-STORY BUILDING: $(350 / 100) \times 1.5 + 2 = 8$ SPACES REQUIRED.

9 SPACES HAVE BEEN PROVIDED.



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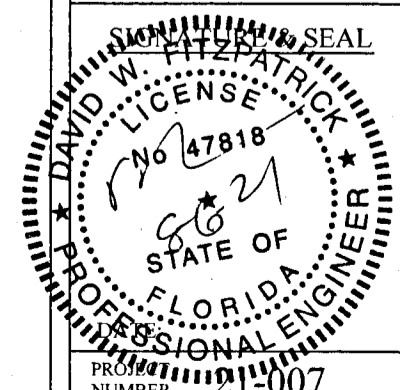
A+ STORAGE - PALAFOX ADDITION

SOUTH - DEMOLITION / SITE PLAN

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DRAWN BY:
A. BURKETT

DESIGNED BY:
D. FITZPATRICK

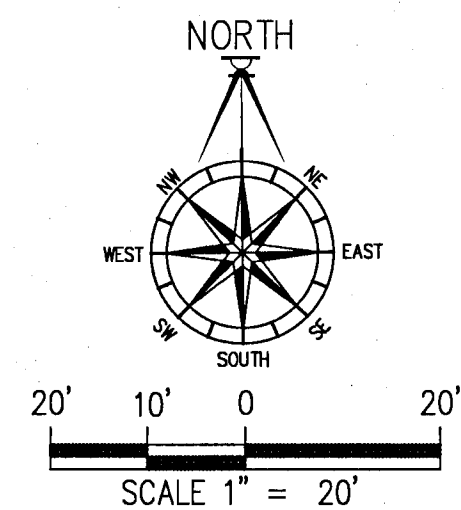
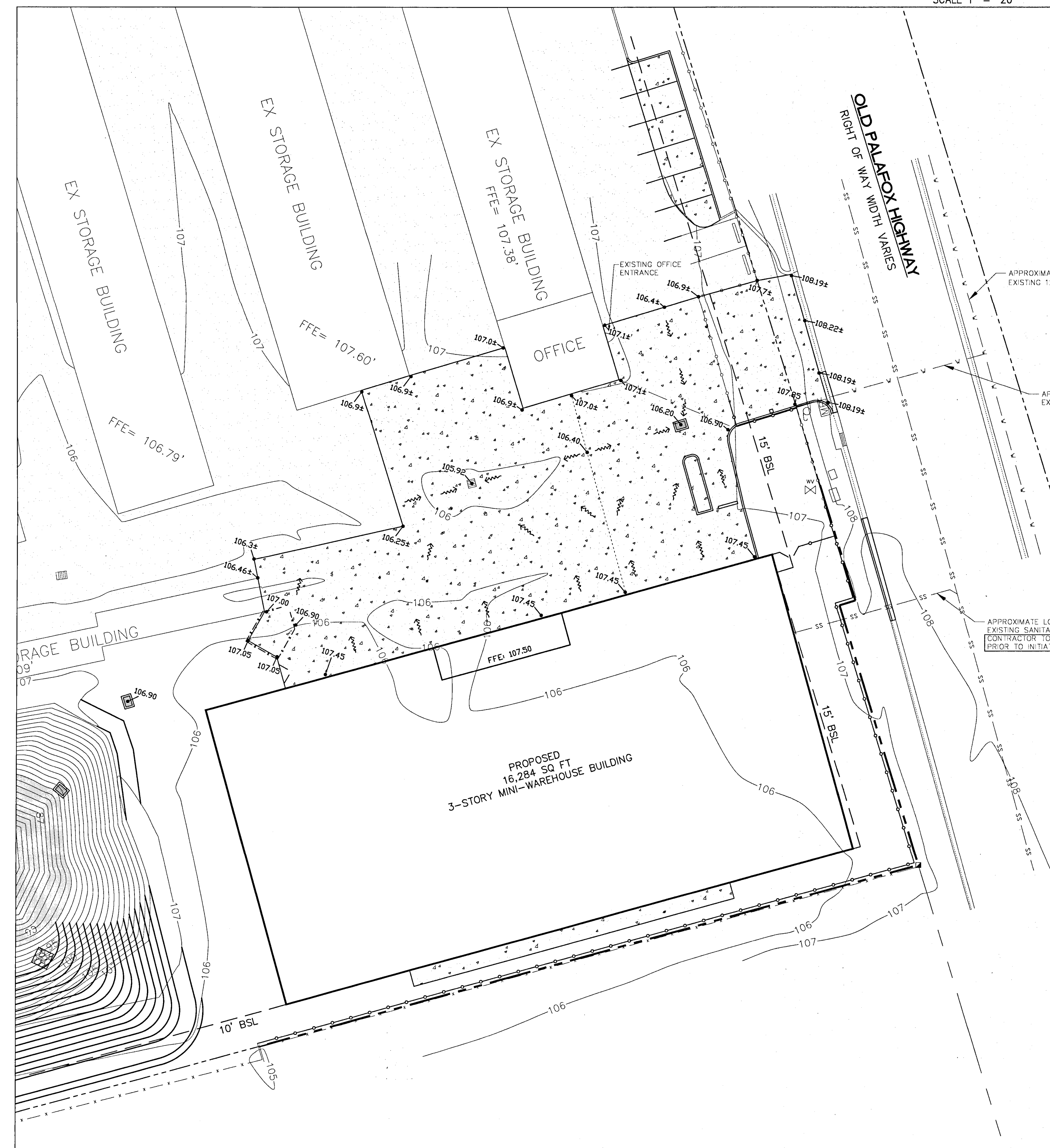


PROJECT NUMBER 10

PLOT	8/6/7
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C5	C0
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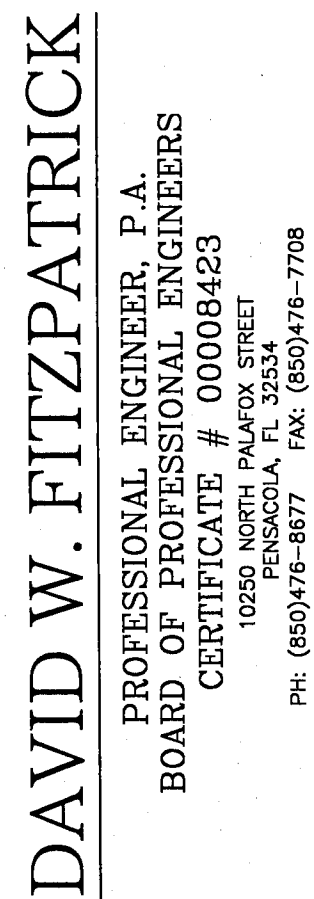
A+ STORAGE - PALAFOX ADDITION

SOUTH - DRAINAGE / GRADING PLAN

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DRAWN BY: A. BURKETT	
DESIGNED BY: D. FITZPATRICK	
	
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PROJECT NUMBER	21-007
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SHEET C6 OF C9	

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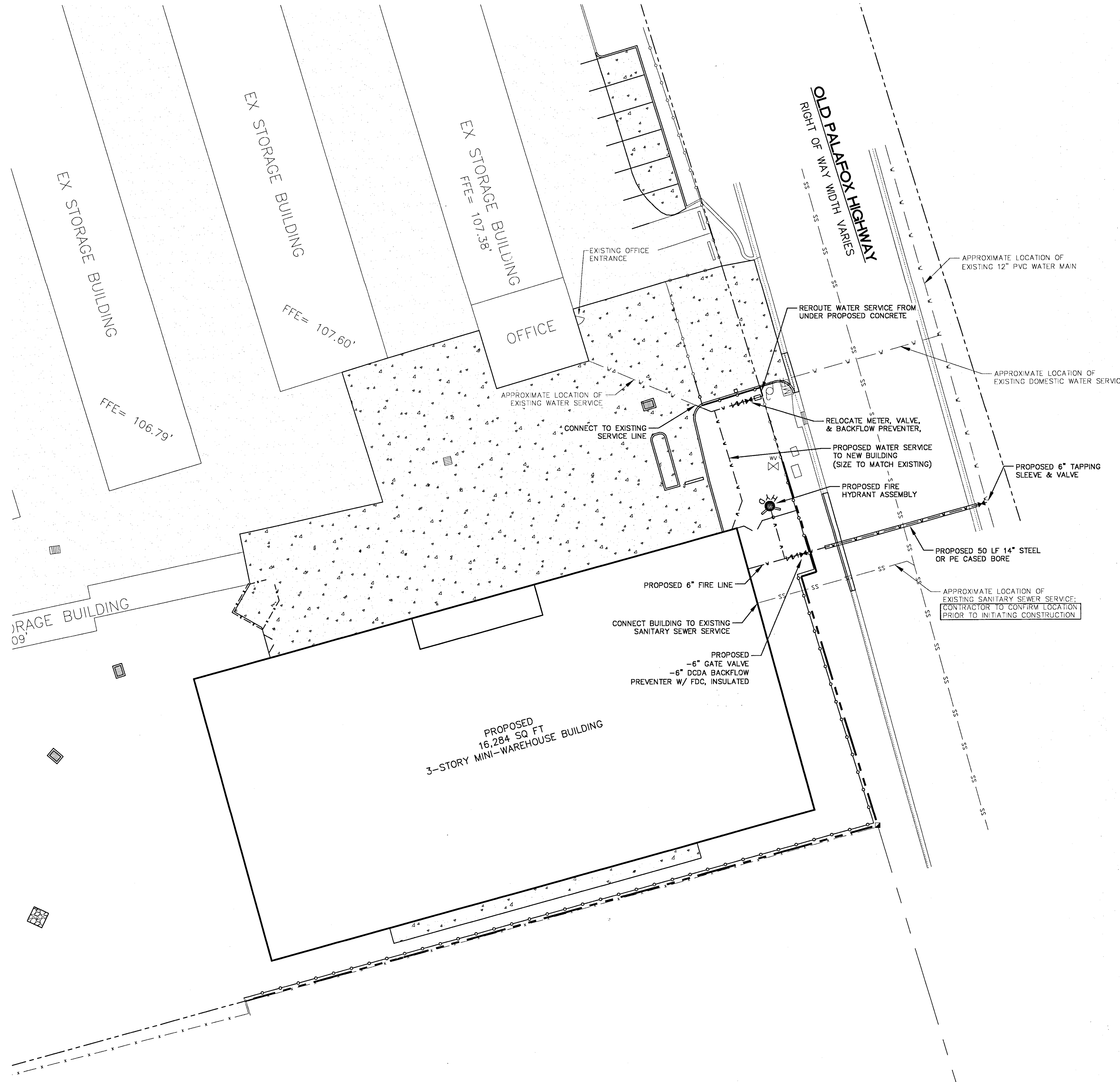
SOUTH - UTILITY PLAN

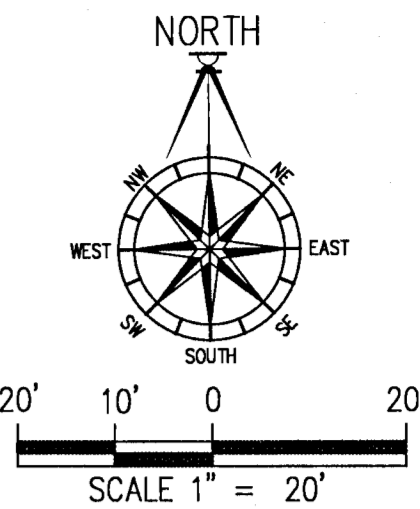
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C7

SHEET C / OF

NOT RELEASED FOR CONSTRUCTION





TREE #	DIA	TYPE	STATUS
1	85"	OAK	REMOVE
2	20"	MAGNOLIA	REMOVE
3	22"	OAK	REMOVE
4	18"	OAK	REMOVE
5	20"	PECAN	REMOVE
6	14"	OAK	REMOVE
7	16"	OAK	REMOVE
8	16"	OAK	REMOVE
9	16"	OAK	REMOVE
10	14"	OAK	REMOVE
11	14"	OAK	REMOVE
12	16"	OAK	REMOVE
13	16"	PECAN	REMOVE
14	12"	OAK	REMOVE
15	14"	OAK	REMOVE
16	14"	OAK	REMOVE
17	16"	OAK	REMOVE
18	24"	OAK	REMAIN
19	30"	OAK	REMAIN
20	48"	TWIN OAK	REMAIN
21	24"	OAK	REMAIN
22	20"	OAK	REMAIN
23	14"	OAK	REMAIN

TREE MITIGATION CALCULATIONS:
REMOVAL OF THE 258' NON-HERITAGE TREES:
258' / 2" = 129' OF MITIGATION REQUIRED.
SITE LIMIT: 7.7 ACRES X 25' = 192.5';
129' < 192.5'; THEREFORE 129' OF MITIGATION REQUIRED.
129' / 2.5" = 51.6 TREES ARE REQUIRED FOR MITIGATION.
51.6 TREES X \$350.00 = \$18,060 TO BE PAID INTO THE TREE FUND.

REMOVAL OF THE 85' HERITAGE TREE:
85' X 0.5 = 42.5' OF MITIGATION REQUIRED.
42.5' / 2.5" = 17 TREES REQUIRED FOR MITIGATION.
17 TREES X \$350.00 = \$5,950 TO BE PAID INTO THE TREE FUND.

NOT PLANTING ANY MITIGATION TREES ONSITE, THE TOTAL TO BE PAID FOR TREE MITIGATION IS \$18,060 + \$5,950 = \$24,010.

PARKING ROW TERMINATION
PER LDC, ALL PARKING ROWS MUST TERMINATED AT EACH END WITH A LANDSCAPE AREA WITH ONE PLANTED CANOPY TREE. WHERE CANOPY TREES ARE NOT ALLOWED DUE TO OVERHEAD UTILITY LINES, UNDERSTORY TREES WILL BE PLANTED.

(1) CANOPY TREE AND (2) UNDERSTORY TREES ARE PROPOSED.

- LANDSCAPING LEGEND**
- T-1 EXISTING TREE
 - T-1 EXISTING TREE TO BE REMOVED
 - P PROPOSED PARKING UNDERSTORY TREE (2) 2.5" CALIPER PROPOSED (6' RADIUS SHOWN)
 - P PROPOSED PARKING CANOPY TREE (1) 2.5" CALIPER PROPOSED (6' RADIUS SHOWN)

RECOMMENDED SPECIES FOR PLANTING	
IN-LAND LOCATIONS	UNDERSTORY TREES:
CANDY TREE	RED BUCKEYE
RED MAPLE	REDBUD
RIVER BIRCH	FLOWERING DOGWOOD
SWEETGUM	DAHDOH HOLLY
SOUTHERN MAGNOLIA	YALPON HOLLY
SWEETBAY	CRAB APPLE
SYCAMORE	WAX MYRTLE
LIVE OAK	SHRUBS
BALD CYPRESS	AZALEA

NOTE: CREPE MYRTLES DO NOT MEET COUNTY PLANTING REQUIREMENTS.

REQUIRED TREE TYPE DIVERSITY
THERE ARE LESS THAN 5 TREES TO BE PLANTED ONSITE, THEREFORE THERE ARE NO DIVERSITY REQUIREMENTS.

LANDSCAPE NOTES:
1. CALIPER INCHES LABELED ARE MEASURED 4" ABOVE GRADE.
2. ALL TREE REMOVAL, LAND CLEARING, LAND DISTURBANCE ACTIVITIES, PLACEMENT OF FILL MATERIALS, GRADING OF LAND, OTHER DEVELOPMENT ACTIVITIES, ETC. SHALL ONLY OCCUR AFTER ALL PROPER PERMITS &/OR APPROVALS ARE OBTAINED FROM ESCAMBA COUNTY & ANY OTHER AGENCIES AS REQUIRED.
3. TRANSFORMER PADS ARE NOT ALLOWED TO OCCUPY THE MINIMUM AREAS REQUIRED FOR PROPOSED TREES (6' RADIUS FOR CANOPY TREES, 4' RADIUS FOR UNDERSTORY TREES).

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A+ STORAGE - PALAFOX ADDITION
SOUTH - LANDSCAPE PLAN

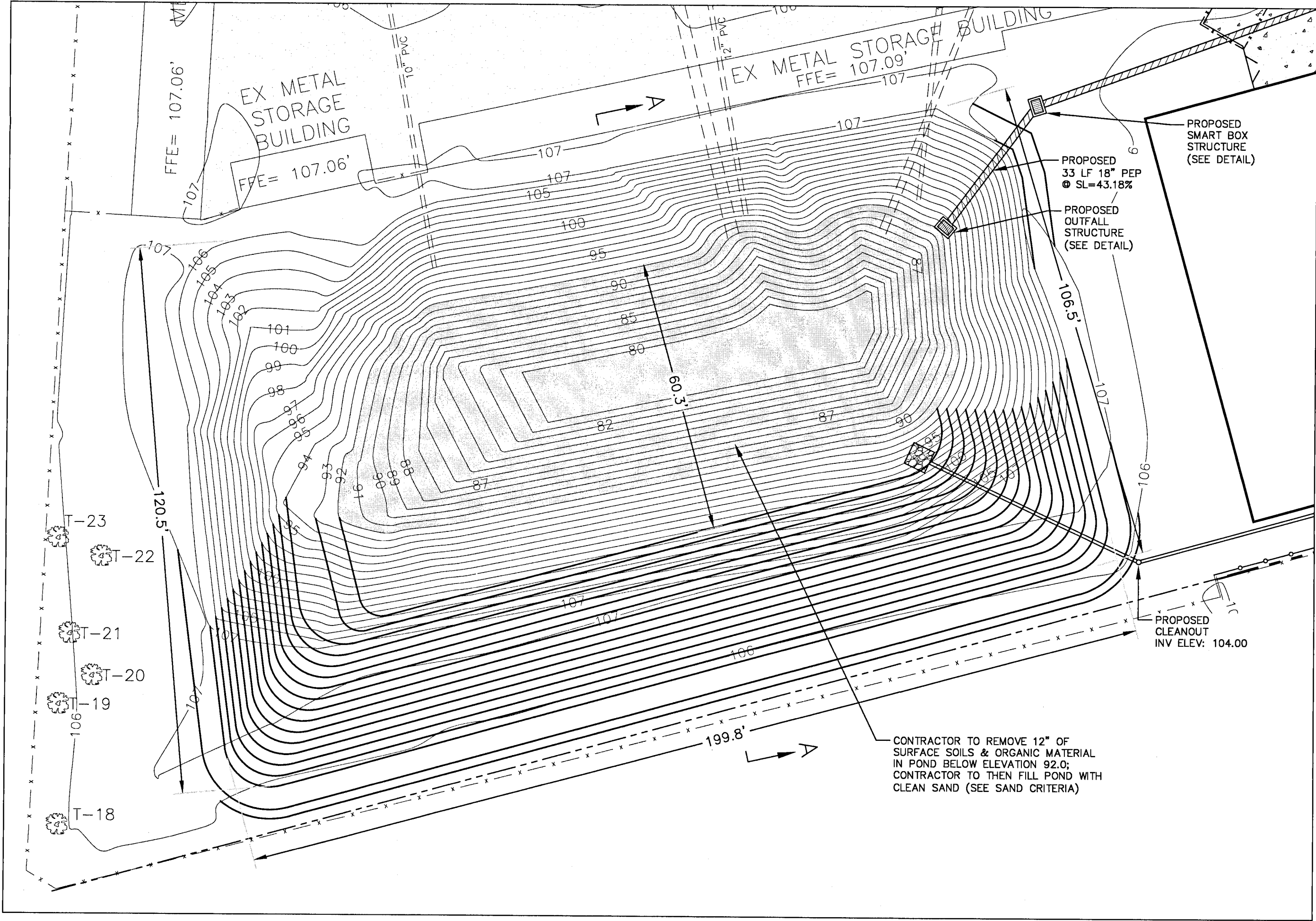
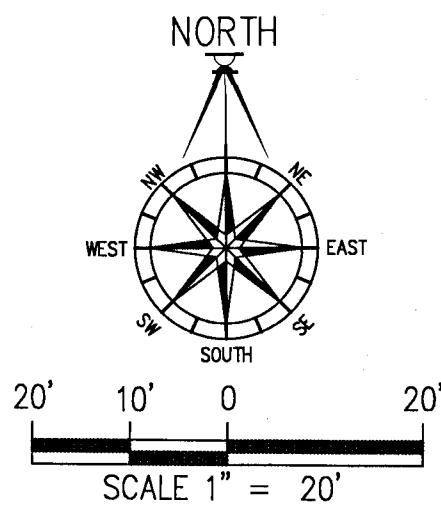
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DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK

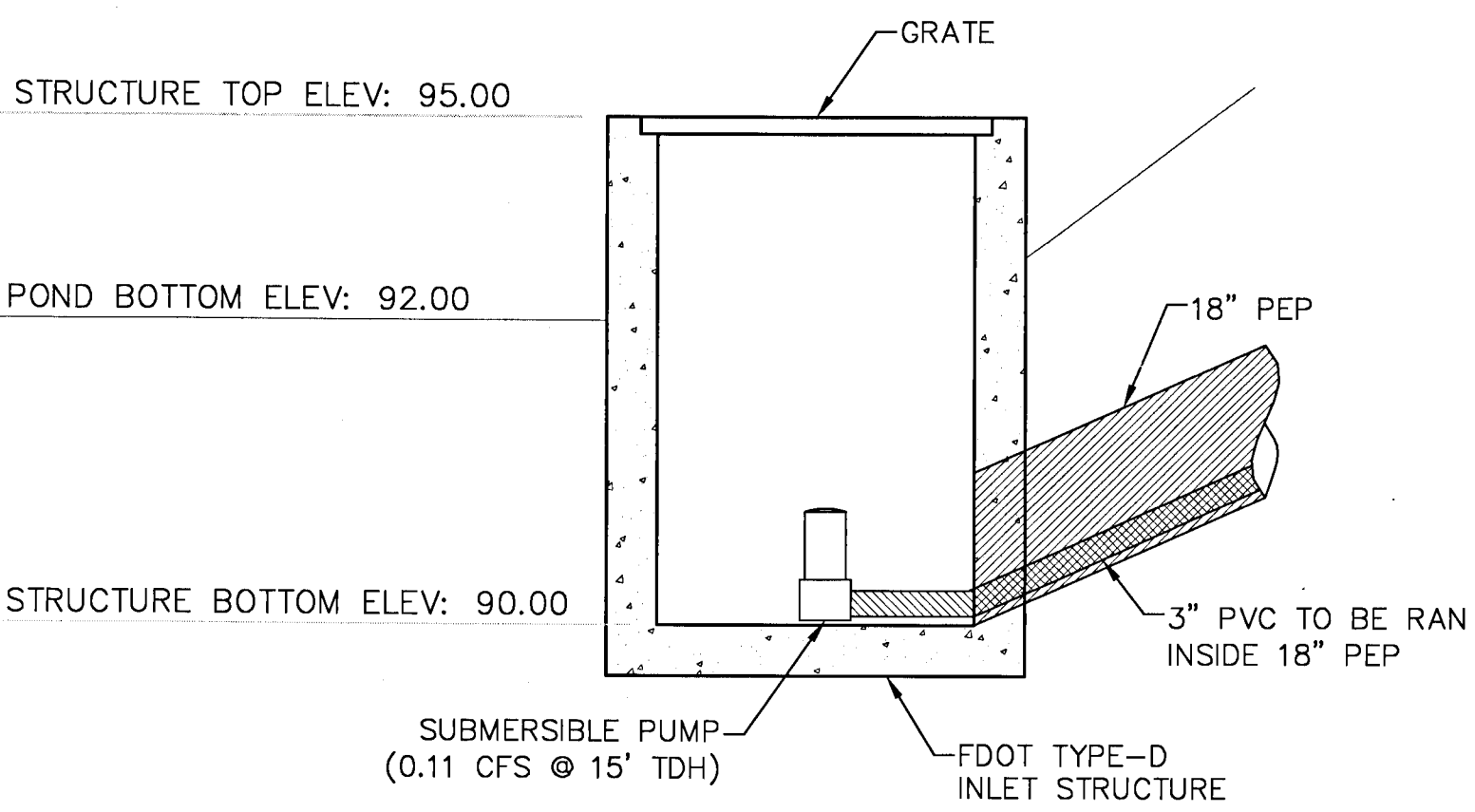
DAVID W. FITZPATRICK
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STATE OF FLORIDA
PROFESSIONAL ENGINEER

NUMBER: 21-007
PLOT DATE: 8/10/21
SHEET C8 OF C9

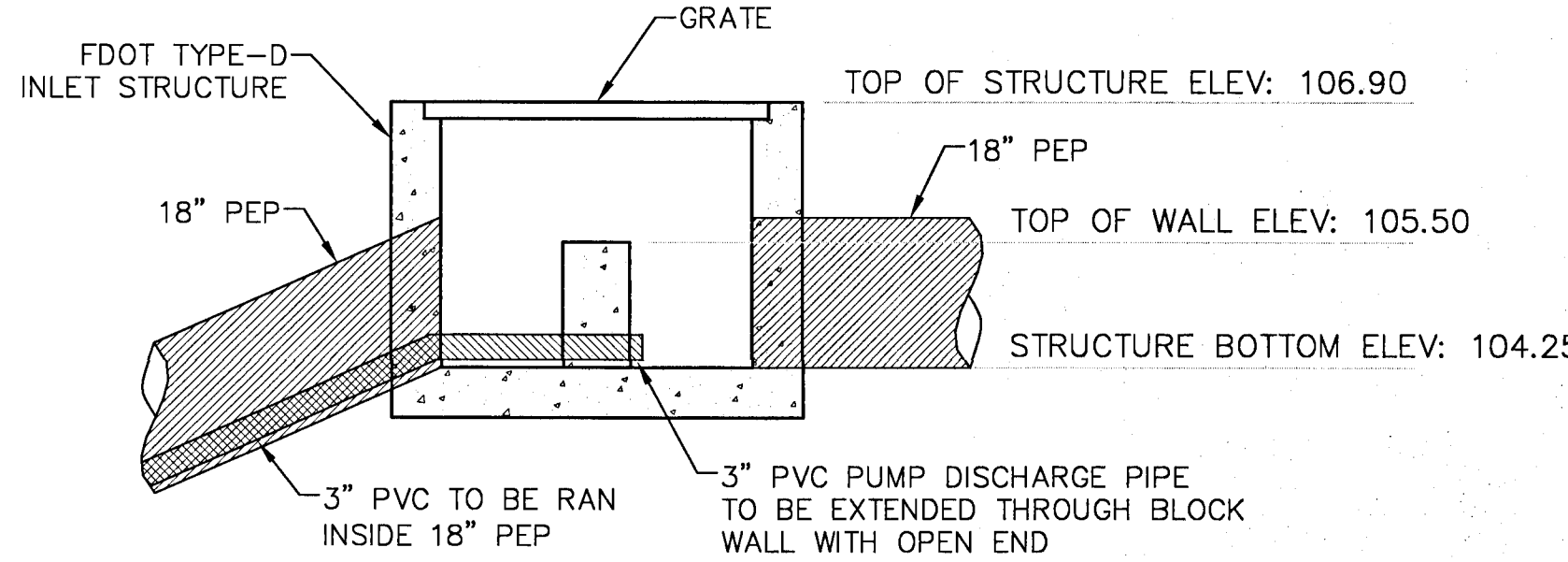
SOUTH POND BASIN COVERAGE		
DRAINAGE BASIN AREA	298,510 SF	6.85 ACRES
EXISTING IMPERVIOUS	235,508 SF	78.9%
EXISTING SEMI-IMPERVIOUS	660 SF	0.2%
EXISTING PERVIOUS	62,342 SF	21.1%
EXISTING IMP. TO BE REMOVED	10,368 SF	
EXISTING SEMI-IMP. TO BE REMOVED	660 SF	
PROPOSED PAVING/CONCRETE	13,547 SF	
PROPOSED BUILDINGS	23,884 SF	
PROPOSED SEMI-IMPERVIOUS	0 SF	
NEW + EXISTING IMPERVIOUS	262,571 SF	88.0%
NEW + EXISTING SEMI-IMPERVIOUS	0 SF	0%
REMAINING PERVIOUS	35,939 SF	13.1%



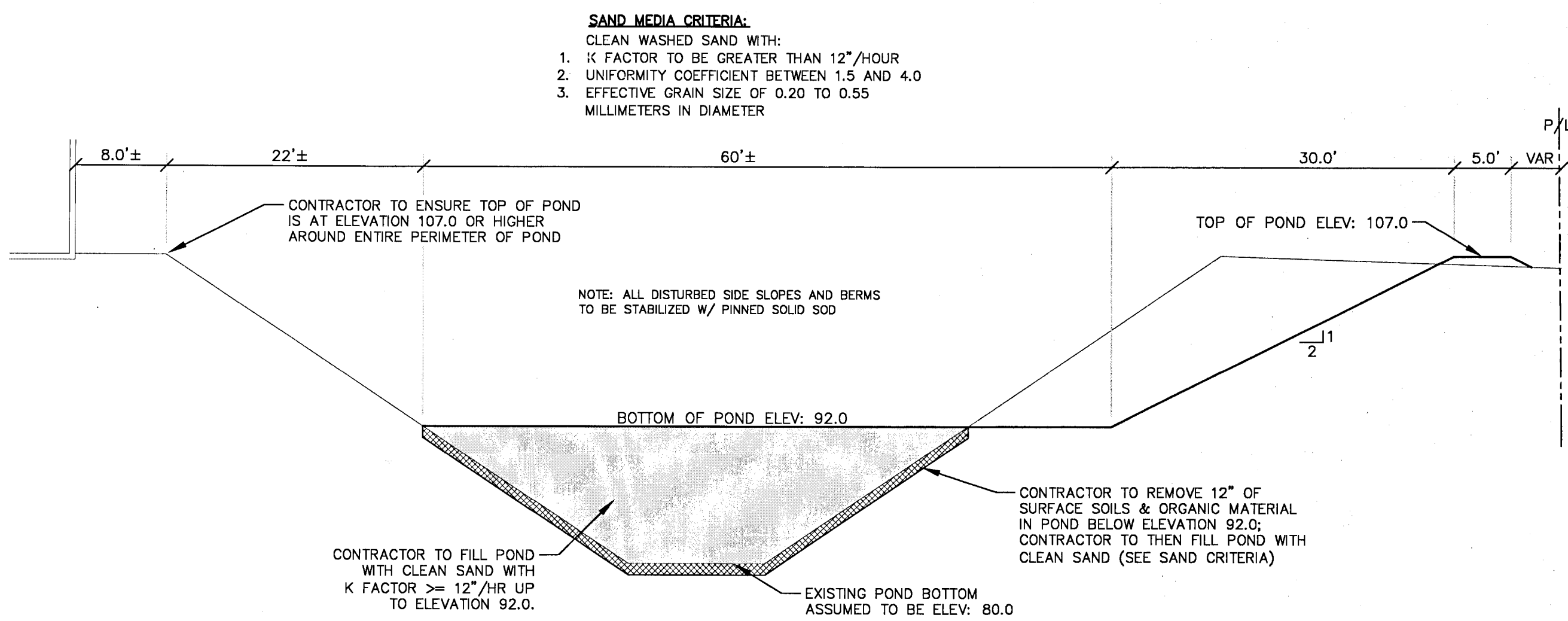
SOUTH RETENTION POND DETAIL
SCALE: 1"=20'



SOUTH OUTFALL DETAIL (PROFILE)
NTS



SOUTH SMART BOX DETAIL (PROFILE)
NTS



- SAND MEDIA CRITERIA:**
CLEAN WASHED SAND WITH:
1. K FACTOR TO BE GREATER THAN 12"/HOUR
2. UNIFORMITY COEFFICIENT BETWEEN 1.5 AND 4.0
3. EFFECTIVE GRAIN SIZE OF 0.20 TO 0.55 MILLIMETERS IN DIAMETER

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SHEET	C9 OF C9