

REVISIONS	

DA

DONAHUE ARCHITECTURE INC

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LICENSE #A22000933
CERT. OF AUTH. # 32147

SITE/CIVIL PLANS

SITE PLAN

A Site Plan for
Sunshine Garden ALF
311 NE 4th Avenue
Crystal River, Florida 34429
Citrus County, S21, T18S, R17E

DATE	16-Apr-20
JOB	D_19103A
DRAWN BY	B. GINN
	4
C100	5
	Schematic

PARKING CALCULATIONS:

1 SPACE FOR EACH 2 BEDS
28 BEDS x 1 SPACE / 2 BEDS => 14 SPACES REQUIRED

SPACES PROVIDED
16 REGULAR SPACES
2 HC SPACES
18 TOTAL SPACES > 12 SPACES REQUIRED => OK!

SITE COVERAGES				
AREA DESCRIPTION	EXISTING AREA (SF)	EXISTING AREA COVERAGE (%)	PROPOSED AREA (SF)	PROPOSED AREA COVERAGE (%)
BLDG.	10,400	30.49	11,734	34.40
CONC./PVMT	10,405	30.51	9,456	27.73
TOTAL IMPERVIOUS	20,805	61.00	21,190	62.13
OPEN SPACE	23,701	69.49	12,916	37.87
TOTALS	34,106	100	34,106	100.00

STORMWATER CALCULATIONS:

TREATMENT VOLUME CALCULATIONS
BASIN B AREA = 12,483 SF
1" OVER BASIN AREA
1" x (1FT/12") x 12,483 SF => 1,040 CF REQ'D TREATMENT VOLUME
PROVIDED TREATMENT VOL. => 1,040 CF

FLOODPLAIN COMPENSATION CALCULATIONS:

SEE SHEET 5 FOR CROSS-SECTIONS
TOTAL FILL VOLUME = 390.1 CF

STAGE AREA DATA:

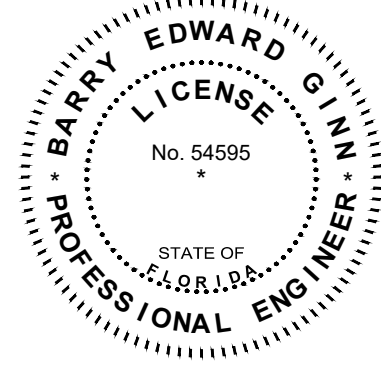
STAGE	AREA	INC. VOL.	CUM. VOL.
6.0	1,639	-	-
7.0	2,170	1,905	1,905

WEIR ELEV. = 6.81'
VOL. AT WEIR = 1,543 CF > TV + FLOOD PLAIN FILLING (1,040 CF + 390.1 CF = 1,430.01 CF)

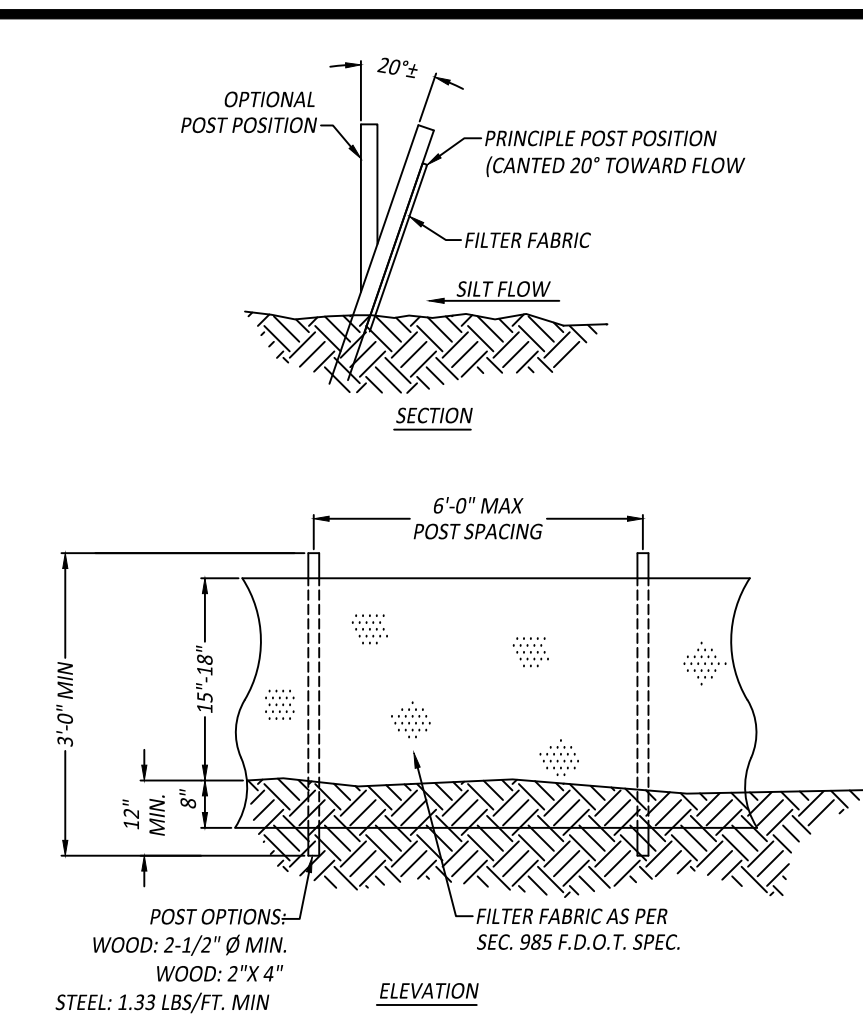
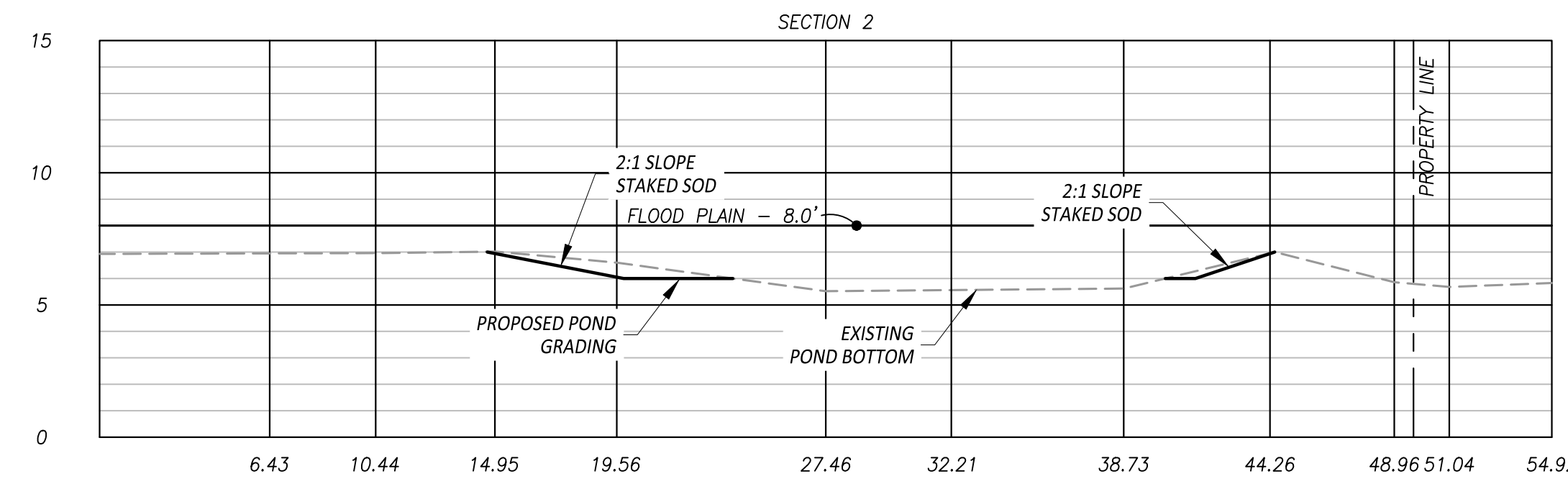
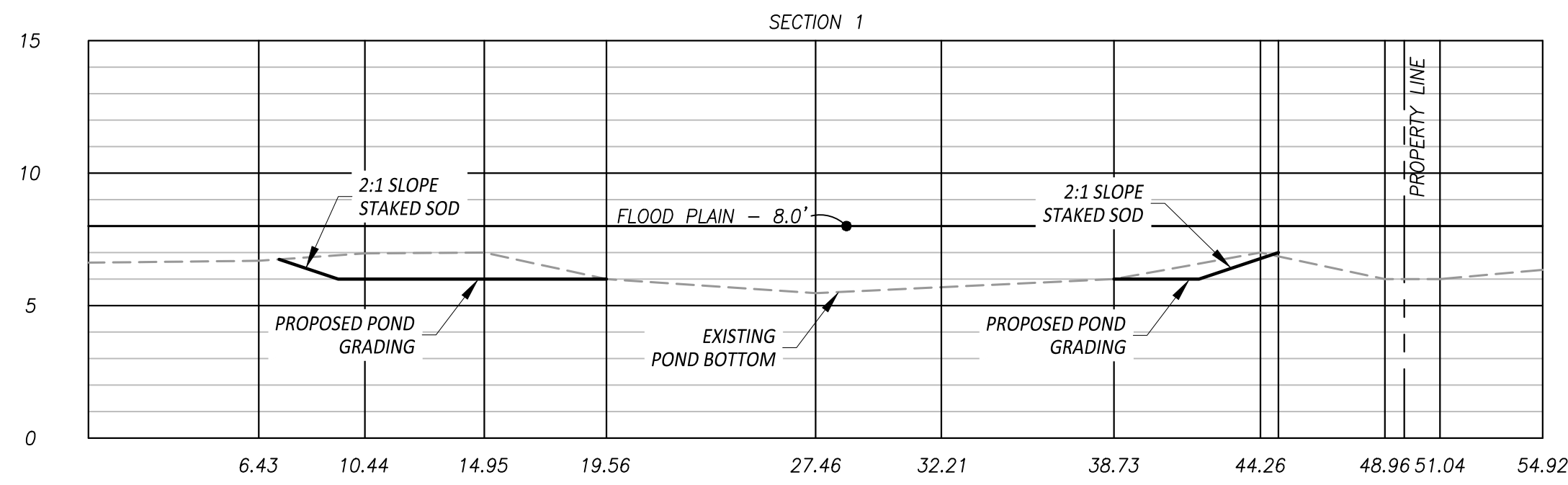
SITE PLAN LEGEND

- PROPOSED BUILDINGS
- PROPOSED PAVEMENT
- PROPOSED CONCRETE
- PROPOSED CURB
- PROPOSED SIGNAGE
- PROPOSED SETBACK/EASEMENT
- HANDICAP SYMBOL
- UNINTERRUPTED PARKING SPACES

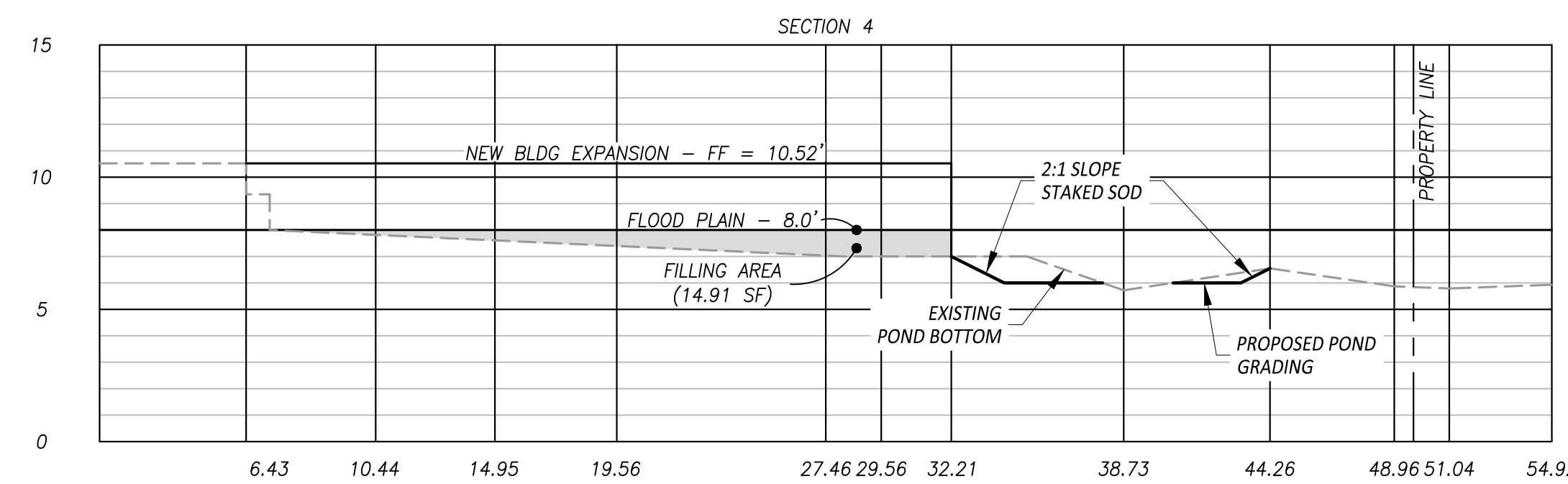
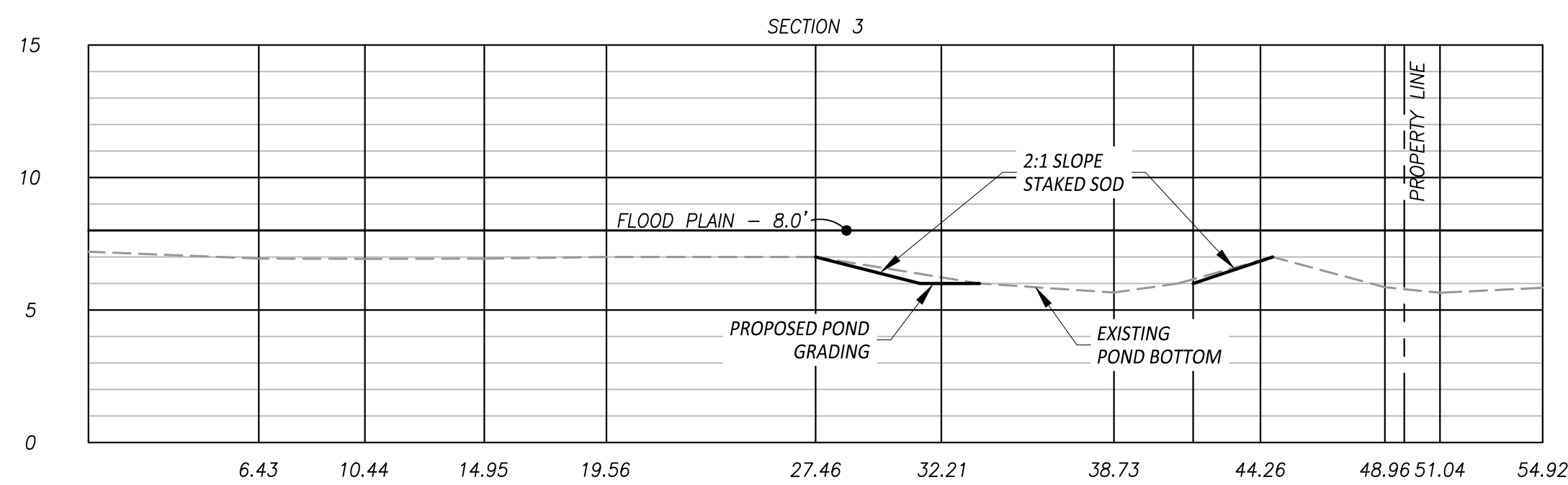
BARRY GINN, PE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NO. - 54595



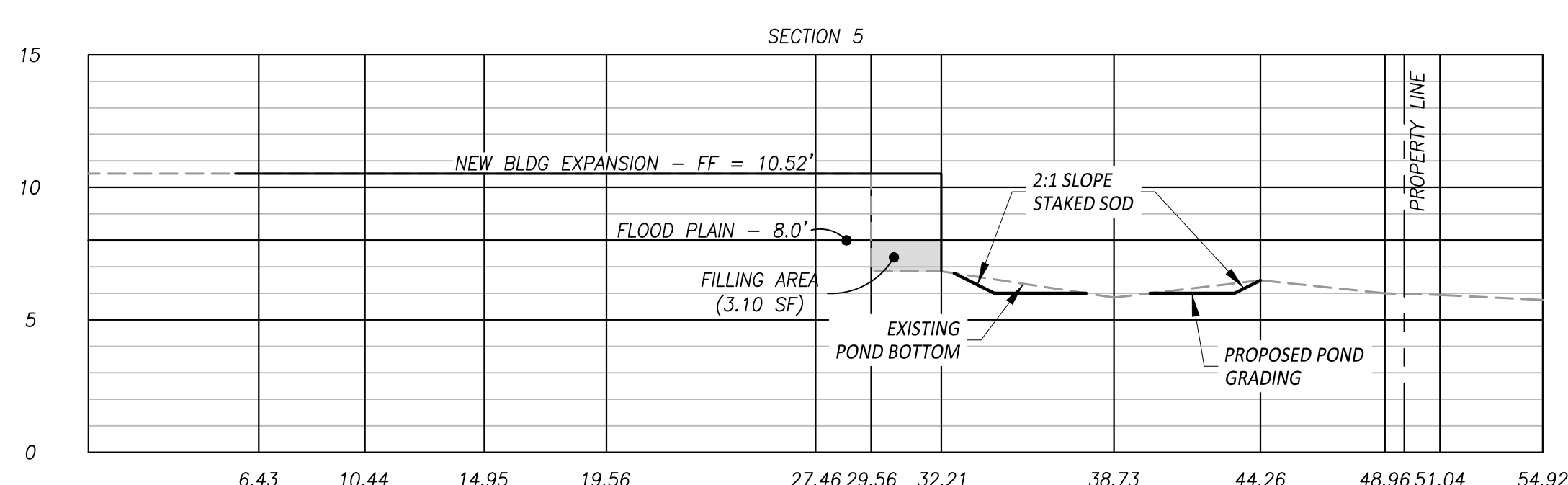
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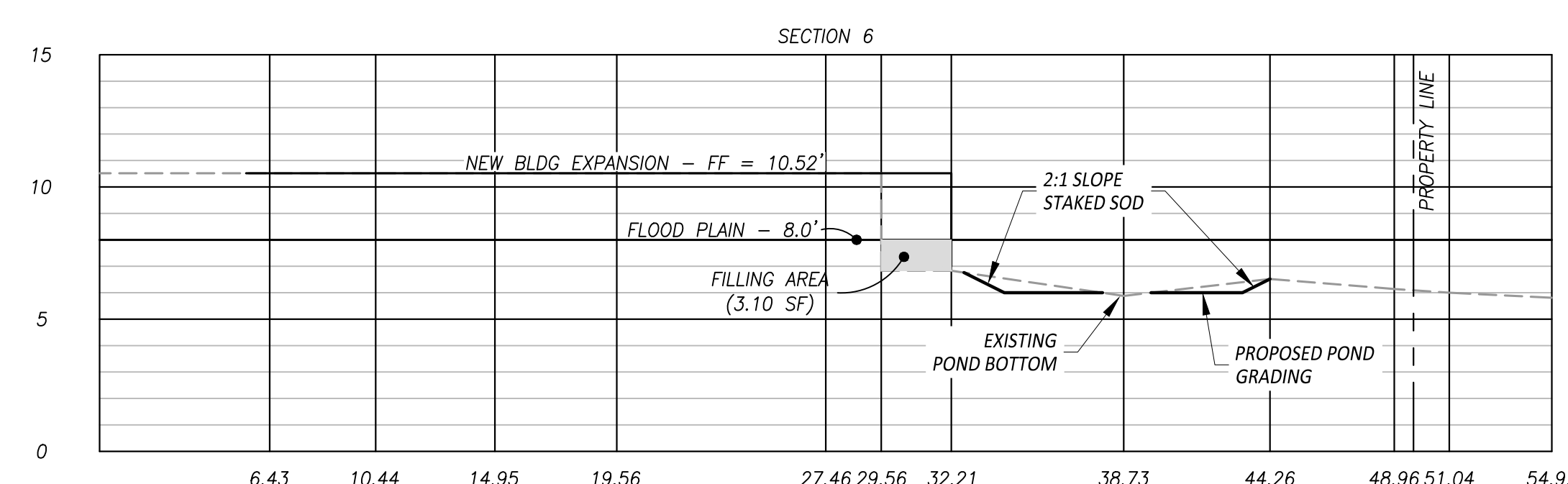
TYPE III SILT FENCE DETAIL
NTS



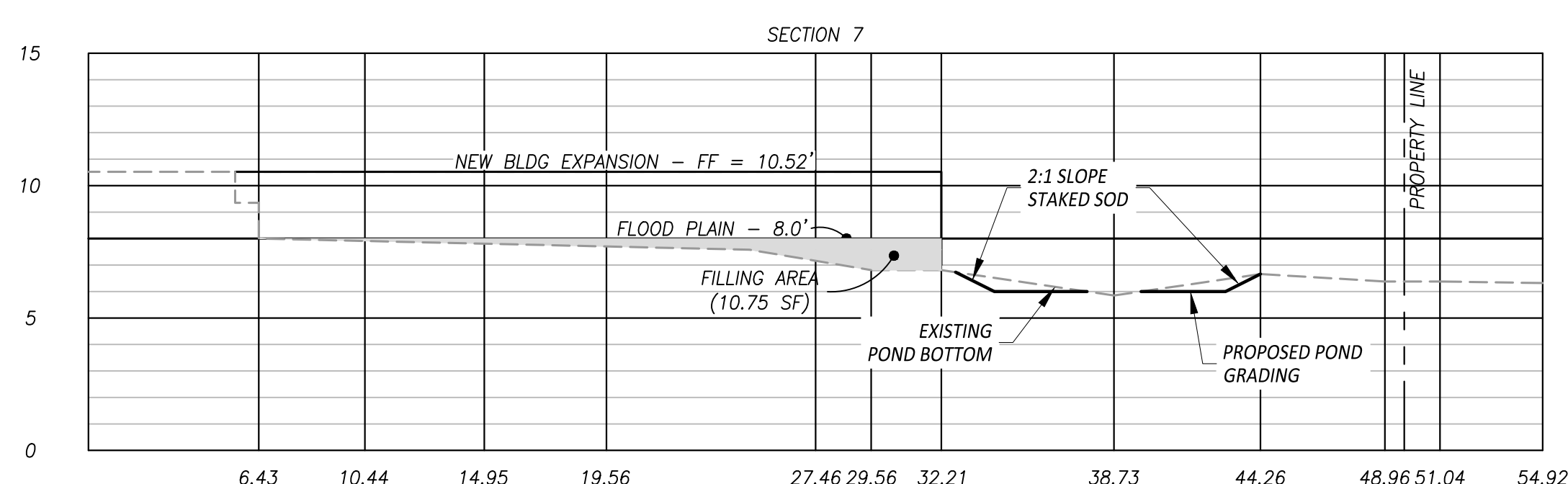
FILLING VOLUME = FILLING AREA x DIST. TO EXISTING WALL
FILL VOLUME = 14.91 SF x 6.99 FT = 104.22 CF



FILLING VOLUME = FILLING AREA x BLDG LENGTH
FILL VOLUME = 3.10 SF x 55.6 FT = 172.36 CF

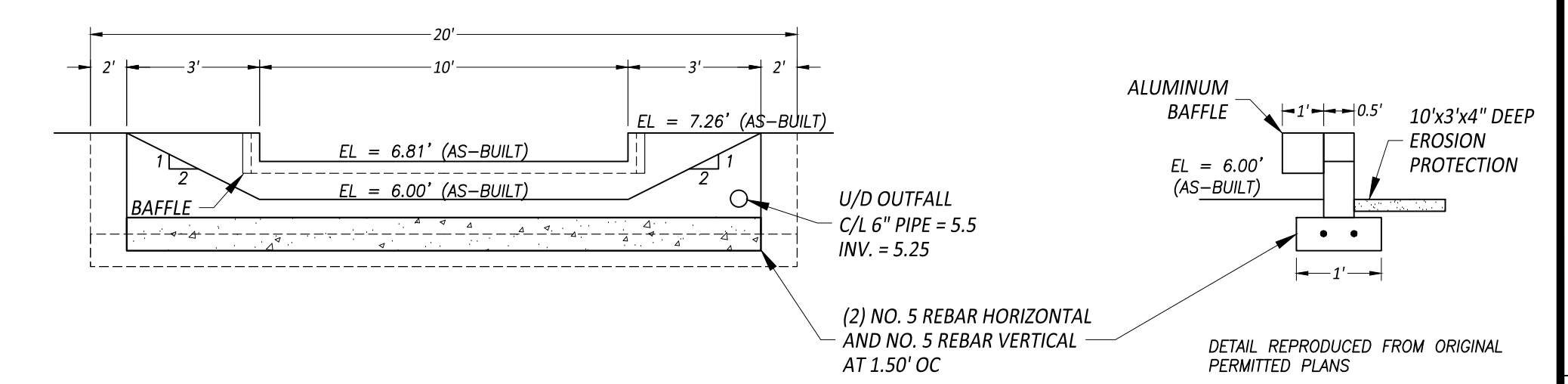


INCLUDED IN SECTION 5 CALCULATION

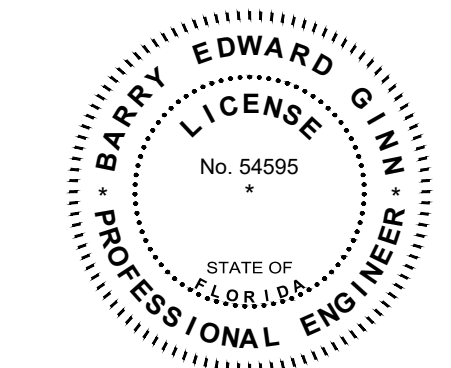


FILLING VOLUME = FILLING AREA x DIST. TO EXISTING WALL
FILL VOLUME = 10.75 SF x 10.56 FT = 103.52 CF

TOTAL FLOOD PLAIN FILLING
SECTION 4 - 104.22 CF
SECTION 5 - 172.36 CF
SECTION 7 - 103.52 CF
TOTAL FILLING - 390.01 CF



CONTROL STRUCTURE FOR POND B
NTS



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