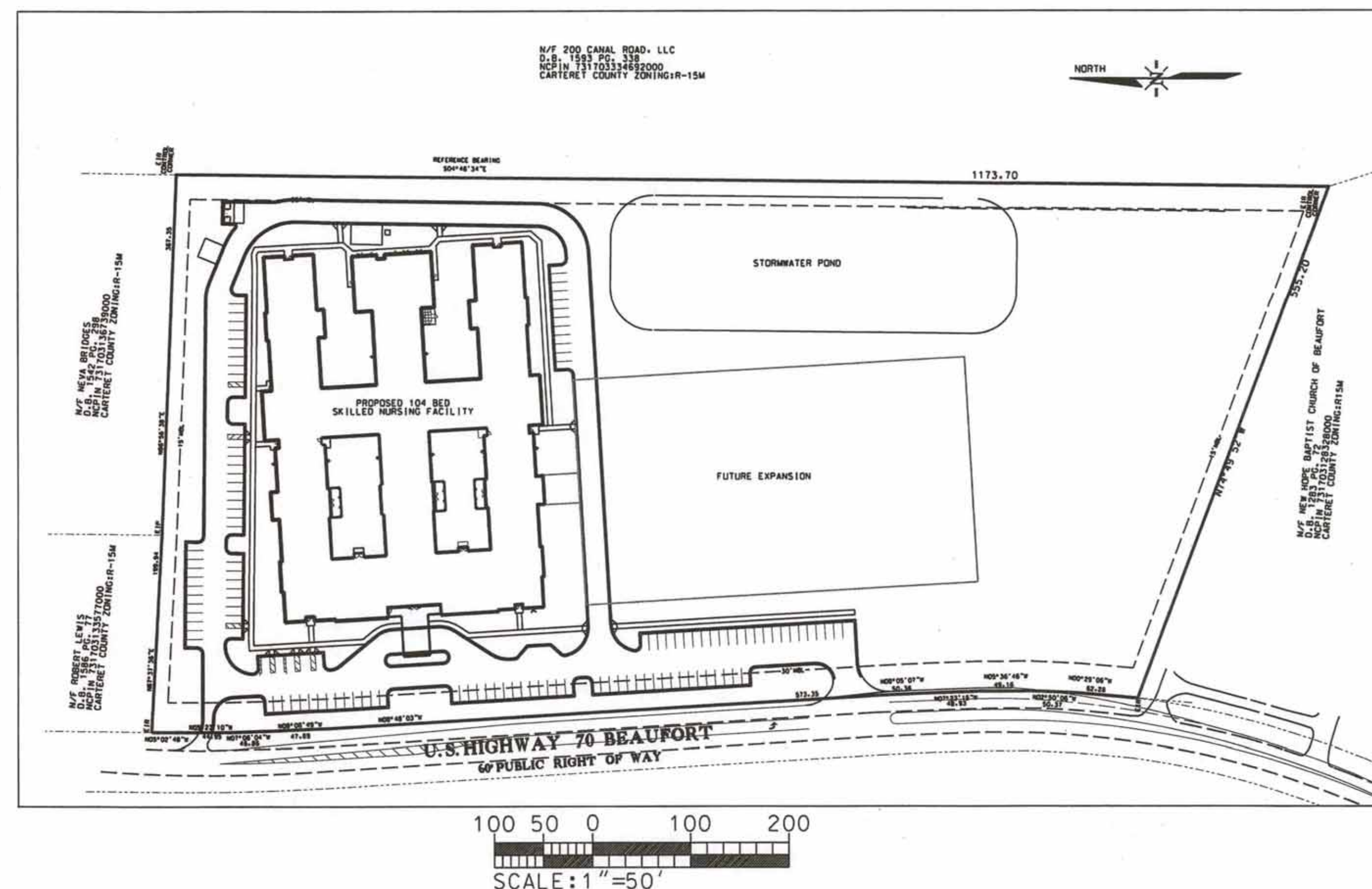




VICINITY MAP (NTS)

PRUITTHEALTH CRYSTAL COAST SKILLED NURSING FACILITY



CLIENT:

PRUITTHEALTH, INC.
1626 JEURGENS CT.
NORCROSS, GA 30093
678-533-6770

ENGINEER:

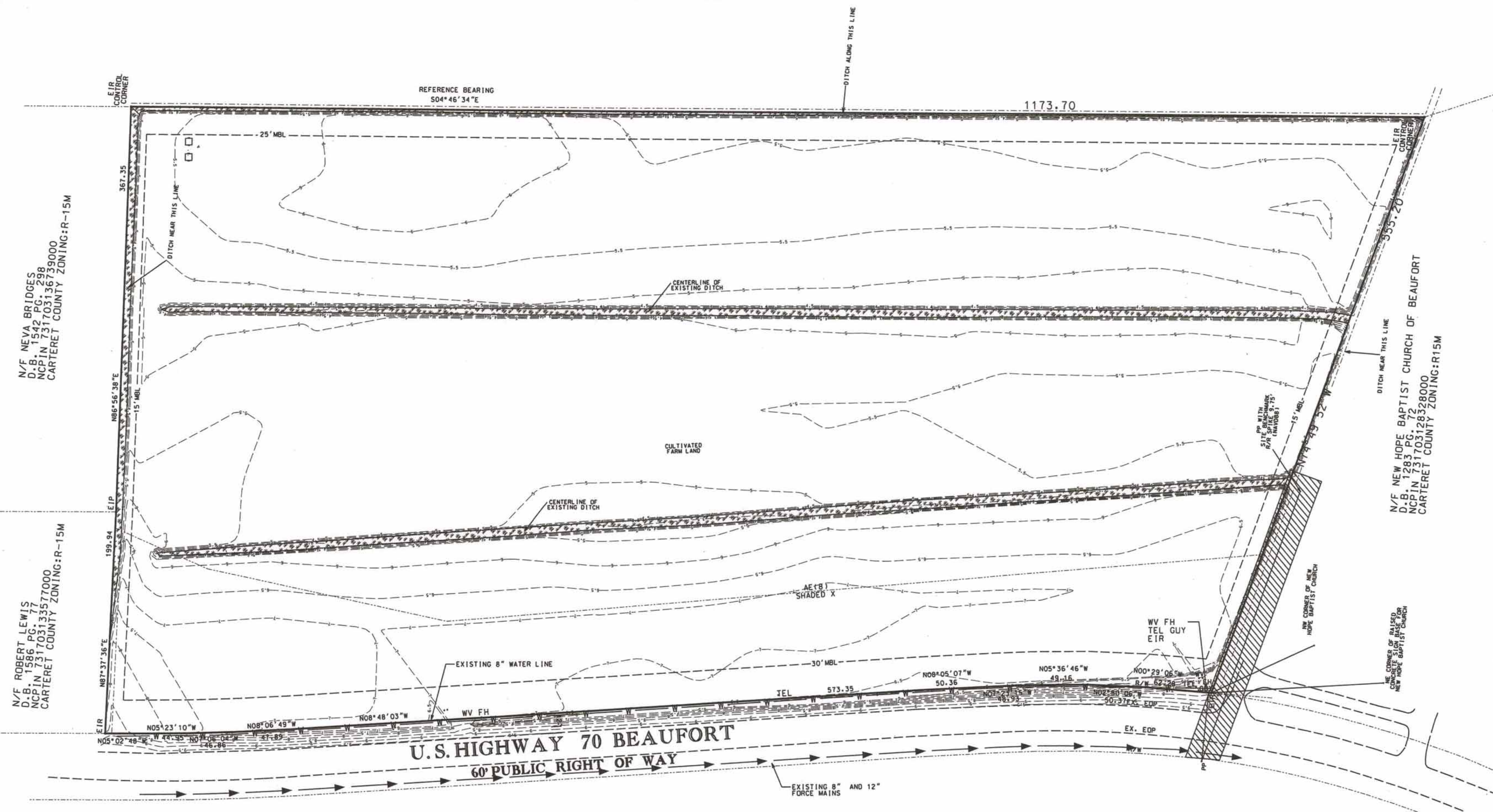
THE CULLIPHER GROUP, P.A.
ENGINEERING & SURVEYING SERVICES
151-A HIGHWAY 24
MOREHEAD CITY, NC 28557
252-773-0090 LICENSE NO. C-4482

Charles M. Cullipher
CHARLES M. CULLIPHER, P.E. DATE 12/20/21

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N/F 200 CANAL ROAD, LLC
D.B. 1593 PG. 338
NCPIN 731703334692000
CARTERET COUNTY ZONING: R-15M



LEGEND	
-5.5-	EXISTING CONTOUR
PP	POWER POLE
-W-	EX. WATER
-SS-	EX. FORCE MAIN
MBL	MINIMUM BUILDING LINE
EOP	EDGE OF PAVEMENT
EIR	EXISTING IRON ROD
-	EX. WETLANDS
TEL	TELEPHONE PEDESTAL
R/W	RIGHT-OF-WAY
FH	FIRE HYDRANT
WV	WATER VAILE
GUY	GUY WIRE

REVISIONS:			
No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

50 25 0 50 100
SCALE: 1"=50'

EXISTING CONDITIONS PLAN

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093

PHONE: 678-533-6770

DESIGNED: CMC
DRAWN: CMC
CHECKED: CMC
APPROVED: CMC

DATE: 7/7/21
SCALE: 1"= 50'

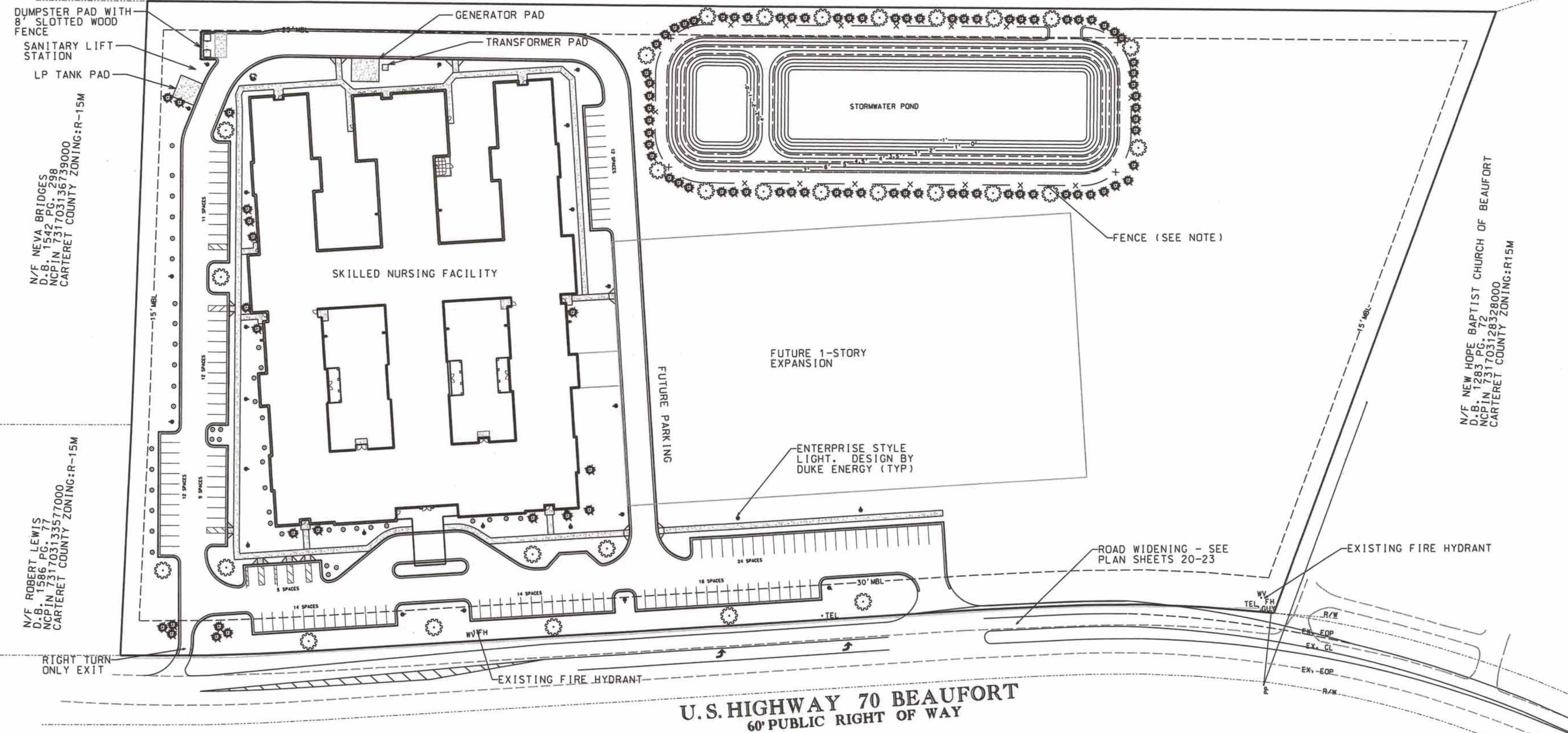
THE CULLIPHER GROUP, P.A.
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090 LICENSE NO. C-4482

CHARLES M. CULLIPHER P.E.

NORTH
MB 33 PG 662

N/F 200 CANAL ROAD, LLC
D.B. 1593 PG. 338
NCPIN 731703334692000
CARTERET COUNTY ZONING: R-15M

LEGEND	
	FENCE
	ASPHALT
	CONCRETE
	LARGE SHRUB
	SMALL SHRUB
	LARGE DECIDUOUS TREE
	EXTERIOR LIGHT



REQUIRED LANDSCAPING AREA OF VAAS	
VAA - INCLUDING PARKING SPACES, DRIVEWAYS, LOADING AREAS, PARKING AISLES, AND OTHER CIRCULATION AREAS AND NOT INCLUDING BUILDING AREA OR ANY AREA WHICH WILL REMAIN COMPLETELY UNDEVELOPED =	74,710 SF
REQUIRED LANDSCAPING PERCENTAGE =	12%
INTERIOR LANDSCAPING PERCENTAGE =	50%
REQUIRED LANDSCAPING IN THE INTERIOR OF THE VAA =	4,483 SF
LANDSCAPE AREA REQUIRED =	8,965 SF
LANDSCAPE AREA PROVIDED =	8,965 SF
IMPERVIOUS SURFACE RATIO (ISR)	
TOTAL AMOUNT OF IMPERVIOUS SURFACE AREA ON THE LOT INCLUDING BUILDING AREA, PARKING SPACES, DRIVEWAYS, LOADING AREAS, PARKING AISLES, AND OTHER CIRCULATION AREAS AND NOT INCLUDING ANY AREA WHICH WILL REMAIN COMPLETELY UNDEVELOPED =	154,561 SF
TOTAL DEVELOPMENT IMPACT AREA (DO NOT INCLUDE AREAS IN WETLANDS OR FLOOD PLAINS) =	299,286 SF
IMPERVIOUS SURFACE RATIO (ISR) =	52%
IMPERVIOUS SURFACE INTENSITY (ISI)	
Table B-3 ISI Categories	
Impervious Surface Ratio (ISR)	Impervious Surface Intensity (ISI)
0.86 - 1.0%	High
0.76 - 0.85%	Moderately High
0.41 - 0.69%	Moderate
0.40% and below	Low
TOTAL LANDSCAPING REQUIRED	
LARGE DECIDUOUS TREES REQUIRED =	12 Trees
LARGE DECIDUOUS TREES PROVIDED =	12 Trees
LARGE SHRUBS REQUIRED =	20 Shrubs
LARGE SHRUBS PROVIDED =	20 Shrubs
SMALL SHRUBS REQUIRED =	41 Shrubs
SMALL SHRUBS PROVIDED =	41 Shrubs

ADDITIONAL LANDSCAPING FOR DETENTION PONDS

PER THE TOWN OF BEAUFORT'S LAND DEVELOPMENT ORDINANCE

A. FENCING AROUND PONDS SHALL BE FOUR FEET (4') IN HEIGHT. IT SHALL BE A STEEL OR ALUMINUM CHAIN LINK FENCE WITH GREEN VINYL COATING. ALL FENCES SHALL PROVIDE SECURABLE ENTRANCES/EXITS TO ALL OF THE SIDES OF THE FENCE TO ALLOW ACCESS FOR MAINTENANCE PERSONNEL AND EQUIPMENT AND TO PROVIDE FOR THE SAFETY OF CITIZENS.

B. LANDSCAPING REQUIREMENTS

1. SHRUBS REQUIRED
EXCEPT FOR FENCE ENTRANCES, SHRUBS SHALL BE PROVIDED AROUND THE PERIMETER OF THE REQUIRED FENCE TO SCREEN FIFTY PERCENT (50%) OF THE FENCE AT MATURITY. THE REQUIRED SHRUBS SHALL BE MAINTAINED AT A HEIGHT OF FOUR FEET (4'). THE PARTICULAR VARIETY OF SHRUB(S) TO BE USED TO SATISFY THIS REQUIREMENT SHOULD COME FROM THOSE LISTED AS TOLERANT OF WET CONDITIONS SHOWN IN THE TABLE ON THIS SHEET OR SHOULD OTHERWISE BE APPROVED IN WRITING BY THE TOWN.

2. TREES REQUIRED
LARGE OR MEDIUM TREES SHALL BE PLACED OUTSIDE THE REQUIRED FENCING AT A RATE OF ONE PER FIFTY LINEAR FEET OF FENCING AROUND THE POND. THE PARTICULAR VARIETY OF LARGE OR MEDIUM TREE(S) TO BE USED TO SATISFY THIS REQUIREMENT SHOULD COME FROM THOSE LISTED AS TOLERANT OF WET CONDITIONS SHOWN IN THE TABLE ON THIS SHEET, OR SHOULD OTHERWISE BE APPROVED IN WRITING BY THE TOWN.

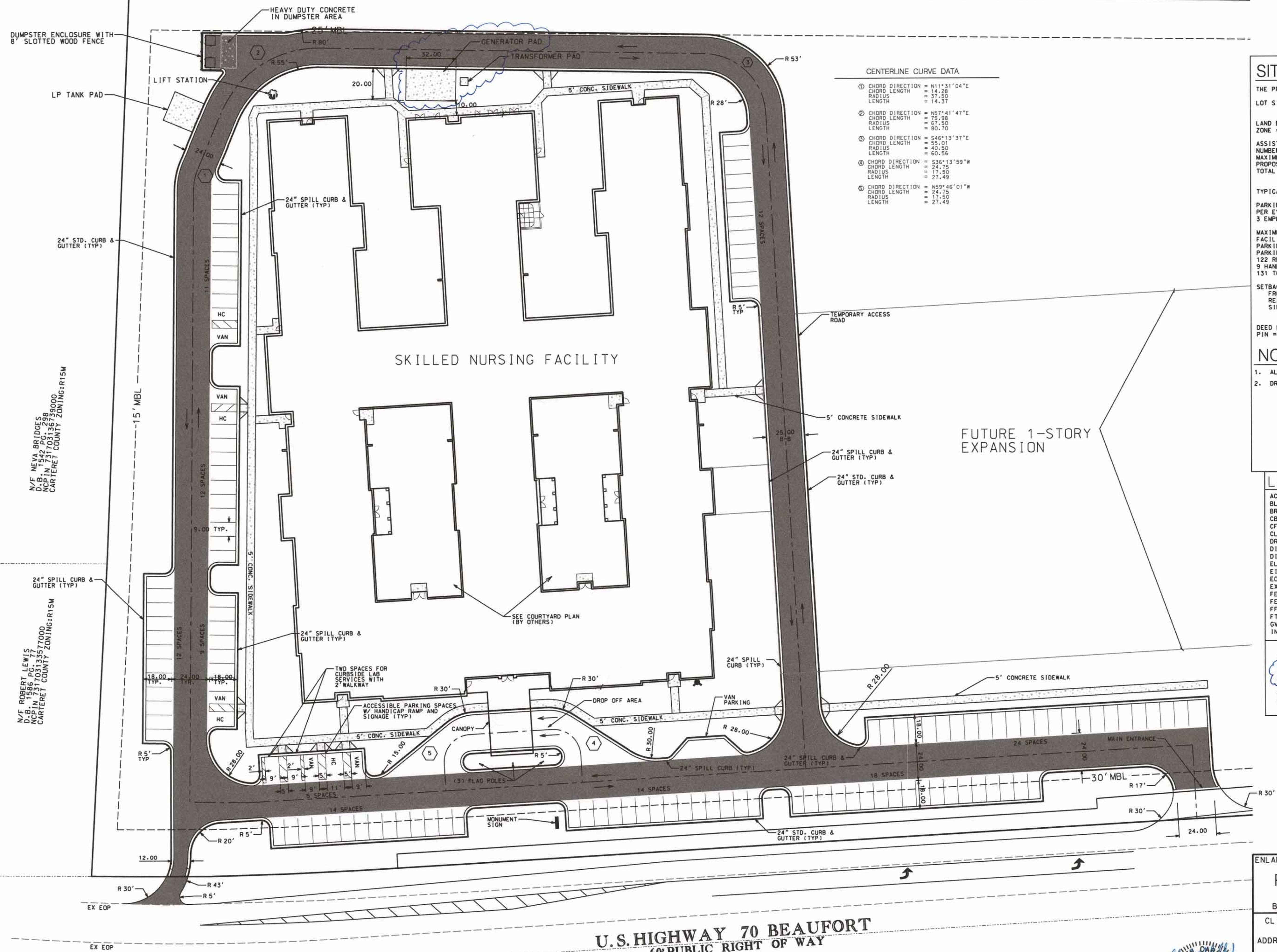
Special Characteristics Key		Native Shrubs		Small Native Trees	
Code	Special Characteristics Key	Code	Special Characteristics Key	Common Name	Botanical Name
AUF	Autumn Flowering	S	Stately	American Beautyberry	Callicarpa americana
AW	Abstract willow-like	ST	Spring flowering	Bear grass	Nolina americana
D	Drought tolerant	ST	Salt tolerant	Callery pear	Callerya pinnatifida
E	Evergreen	SUF	Summer flowering	Carolina allspice	Callicarpa americana
F	Fragrant	TW	Tolerant wet areas	Carolina yew	Taxus canadensis
FC	Foli color	W	Resistant to wind damage	Chokeberry	Aronia arbutifolia
LL	Long-lived	WI	Winter interest	Chinese holly	Ilex chinensis
LM	Low maintenance	WK	Weak wood	Chinese magnolia	Magnolia chinensis
S	Stately	YU	Year-long interest	Chinese pistache	Pistacia chinensis
Special Characteristics Key		Native Shrubs		Small Native Trees	
Code	Special Characteristics Key	Code	Special Characteristics Key	Common Name	Botanical Name
AUF	Autumn Flowering	S	Stately	American Beautyberry	Callicarpa americana
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FC	Foli color	W	Resistant to wind damage	Chokeberry	Aronia arbutifolia
LL	Long-lived	WI	Winter interest	Chinese holly	Ilex chinensis
LM	Low maintenance	WK	Weak wood	Chinese magnolia	Magnolia chinensis
S	Stately	YU	Year-long interest	Chinese pistache	Pistacia chinensis

REVISIONS:

No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

OVERALL SITE, BUFFERING, AND LANDSCAPING PLAN
PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMC
PHONE: 678-533-6770	CHECKED: CMC
THE CULLIPHER GROUP P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MORRISVILLE, N.C. 27557 (919) 773-0090 LICENSE NO. C-4482	APPROVED: CMC
DATE: 7/7/21	SCALE: 1" = 50'



CENTERLINE CURVE DATA

①	CHORD DIRECTION = N11°31'04"E
	CHORD LENGTH = 14.28
	RADIUS = 37.50
	LENGTH = 14.37
②	CHORD DIRECTION = N57°41'47"E
	CHORD LENGTH = 75.98
	RADIUS = 67.50
	LENGTH = 80.70
③	CHORD DIRECTION = S46°13'37"E
	CHORD LENGTH = 55.01
	RADIUS = 40.50
	LENGTH = 60.56
④	CHORD DIRECTION = S36°13'59"W
	CHORD LENGTH = 24.75
	RADIUS = 17.50
	LENGTH = 27.49
⑤	CHORD DIRECTION = N59°46'01"W
	CHORD LENGTH = 24.75
	RADIUS = 17.50
	LENGTH = 27.49

SITE DATA

THE PROPERTY IS LOCATED IN FLOOD ZONES: AE 8 AND SHADED X
LOT SIZE: +/-584,923.48 SF
+/-13.43 ACRES

LAND DISTURBANCE AREA = 11.22 ACRES
ZONE = R-20

ASSISTED LIVING FACILITY
NUMBER OF BEDS 104
MAXIMUM HEIGHT = 35'
PROPOSED HEIGHT = 15'
TOTAL BUILDING AREA = 73,832 SF

TYPICAL PARKING SPACE = 9'x 18'

PARKING REQUIREMENTS ARE 2 SPACES
PER EVERY 5 BEDS AND 1 PER EVERY
3 EMPLOYEES DURING MAXIMUM SHIFT

MAXIMUM SHIFT HAS 25 EMPLOYEES
FACILITY HAS 104 BEDS
PARKING SPACES REQUIRED = 50
PARKING SPACES PROVIDED:
122 REGULAR
9 HANDICAP
131 TOTAL SPACES

SETBACKS:
FRONT = 30'
REAR = 25'
SIDE = 15'

DEED BOOK/PAGE = 1369/200
PIN = 730612860733000

NOTES

1. ALL BACK OF CURB RADII ARE 5' UNLESS OTHERWISE NOTED.
2. DRIVE AISLES ARE TO BE CONSTRUCTED PER HEAVY DUTY ASPHALT DETAIL.

LEGEND

AC	- ACRE	LF	- LINEAR FEET
BLDG	- BUILDING	MAX	- MAXIMUM
BRG	- BEARING	MBL	- MINIMUM BUILDING LINE
CB	- CATCH BASIN	MH	- MANHOLE
CF	- CUBIC FEET	MIN	- MINIMUM
CL	- CENTERLINE	N/F	- NOW OR FORMERLY
DR	- DRIVE	NTS	- NOT TO SCALE
DI	- DROP INLET	O.C.	- ON CENTER
DIP	- DUCTILE IRON PIPE	R	- RADIUS
EL	- ELEVATION	RCP	- REINFORCED CONCRETE PIPE
EIR	- EX. IRON ROD	R/W	- RIGHT-OF-WAY
EOP	- EDGE OF PAVEMENT	SDMH	- STORMDRAIN MANHOLE
EX	- EXISTING	SH	- SHEET
FE	- FINISHED ELEVATION	SIR	- SET IRON ROD
FES	- FLARED END SECTION	STA	- STATION
FF	- FINISHED FLOOR	TC	- TOP OF CURB
FT	- FEET	TSW	- TOP OF SIDEWALK
GV	- GATE VALVE	TYP	- TYPICAL
INV	- INVERT		

HC/VAN	HANDICAP SPACE
	HEAVY DUTY ASPHALT
	CONCRETE

NO.	BY	DATE	DESCRIPTION
1	CMC	10/18/21	VALUE ENGINEERING
1	CMC	12/20/21	DDJ COMMENTS

ENLARGED SITE PLAN

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC.

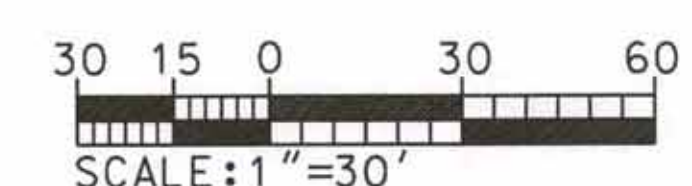
DESIGNED: CMC
DRAWN: CMC
CHECKED: CMC
APPROVED: CMC

DATE: 1/7/21
SCALE: 1" = 30'

151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090 LICENSE NO. C-4482

CHARLES M. CULLIPHER P.E.

U.S. HIGHWAY 70 BEAUFORT
60' PUBLIC RIGHT OF WAY



STORM WATER STRUCTURE TABLE

UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	LENGTH (FT)	SLOPE	PIPE DIA. (IN)	NUMBER OF PIPES	PIPE MATERIAL
CB-204	CB-203	70	0.30%	15	1	TRAFFIC RATED HDPE
CB-203	SDMH-202A	165	0.30%	18	1	TRAFFIC RATED HDPE
SDMH-202A	CB-202	154	0.30%	24	1	TRAFFIC RATED HDPE
CB-202	CB-201	192	0.30%	24	1	TRAFFIC RATED HDPE
FES-200						
CB-105	CB-104	105	0.30%	15	2	TRAFFIC RATED HDPE
CB-104	CB-103	125	0.30%	18	2	TRAFFIC RATED HDPE
CB-103	CB-102	109	0.30%	24	2	TRAFFIC RATED HDPE
CB-102	CB-101	112	0.30%	24	2	TRAFFIC RATED HDPE
FES-100						
DI-1033	DI-1032	109	0.30%	15	1	CLASS IV GASKETED RCP
DI-1032	DI-1031	84	0.90%	15	1	TRAFFIC RATED HDPE
DI-1031	CB-103	75	0.90%	15	1	TRAFFIC RATED HDPE
DI-1023	DI-1022	96	0.30%	15	1	CLASS IV GASKETED RCP
DI-1022	DI-1021	74	0.90%	15	1	TRAFFIC RATED HDPE
DI-1021	CB-102	74	0.90%	15	1	TRAFFIC RATED HDPE
CB-2021	SDMH-202A	140	0.30%	15	1	TRAFFIC RATED HDPE

STORM WATER PIPE TABLE

STRUCTURE	INVERT EL (FT)	RIM EL (FT)
CB-204	5.98	8.72
CB-203	5.77	8.72
SDMH-202A	5.19	9.02
CB-202	4.73	8.52
CB-201	4.15	7.58
FES-200	4.00	
CB-105	5.53	8.25
CB-104	5.21	8.33
CB-103	4.84	8.21
CB-102	4.51	8.21
CB-101	4.17	7.50
FES-100	4.00	
DI-1033	6.59	9.30
DI-1032	6.27	8.80
DI-1031	5.51	9.00
DI-1023	6.13	9.25
DI-1022	5.84	8.80
DI-1021	5.17	9.30
CB-2021	0.42	8.21

DRAINAGE NOTES

- CONTRACTOR SHALL COORDINATE ROOF LEADER DRAINAGE WITH COURTYARD PLANS.
- STORM DRAIN PIPES SHALL BE NC DOT APPROVED TRAFFIC RATED HDPE.
- BOTTOM OF WALL ELEVATIONS ARE AT EXISTING GRADE AND DO NOT REPRESENT FOOTER DEPTH. CONTRACTOR SHALL INSTALL FOUNDATION PER MANUFACTURER'S REQUIREMENTS.

LEGEND

- 18.5-- EX. CONTOURS
- 19.5--- PROPOSED CONTOURS
- 8" HDPE (COLLECT ROOF DRAINS)
- FLOW DIRECTION
- HP HIGH POINT
- TW TOP OF WALL ELEVATION
- BW BOTTOM OF WALL ELEVATION
- PROPOSED STORM DRAINAGE
- CB CATCH BASIN
- DI DROP INLET
- SDMH STORM DRAIN MANHOLE
- W- WATER LINE
- TW TOP OF WALL
- BW BOTTOM OF WALL

REVISIONS:

NO.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

GRADING & DRAINAGE PLAN

PRUITTHEALTH CRYSTAL COAST

2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

DESIGNED: CMC

ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093

DRAWN: CMC

PHONE: 678-533-6770

CHECKED: CMC

THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES

APPROVED: CMC

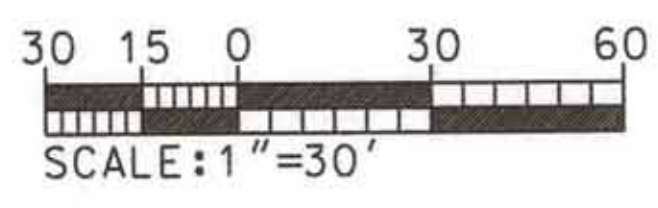
151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090

DATE: 7/7/21

CHARLES M. CULLIPHER P.E.

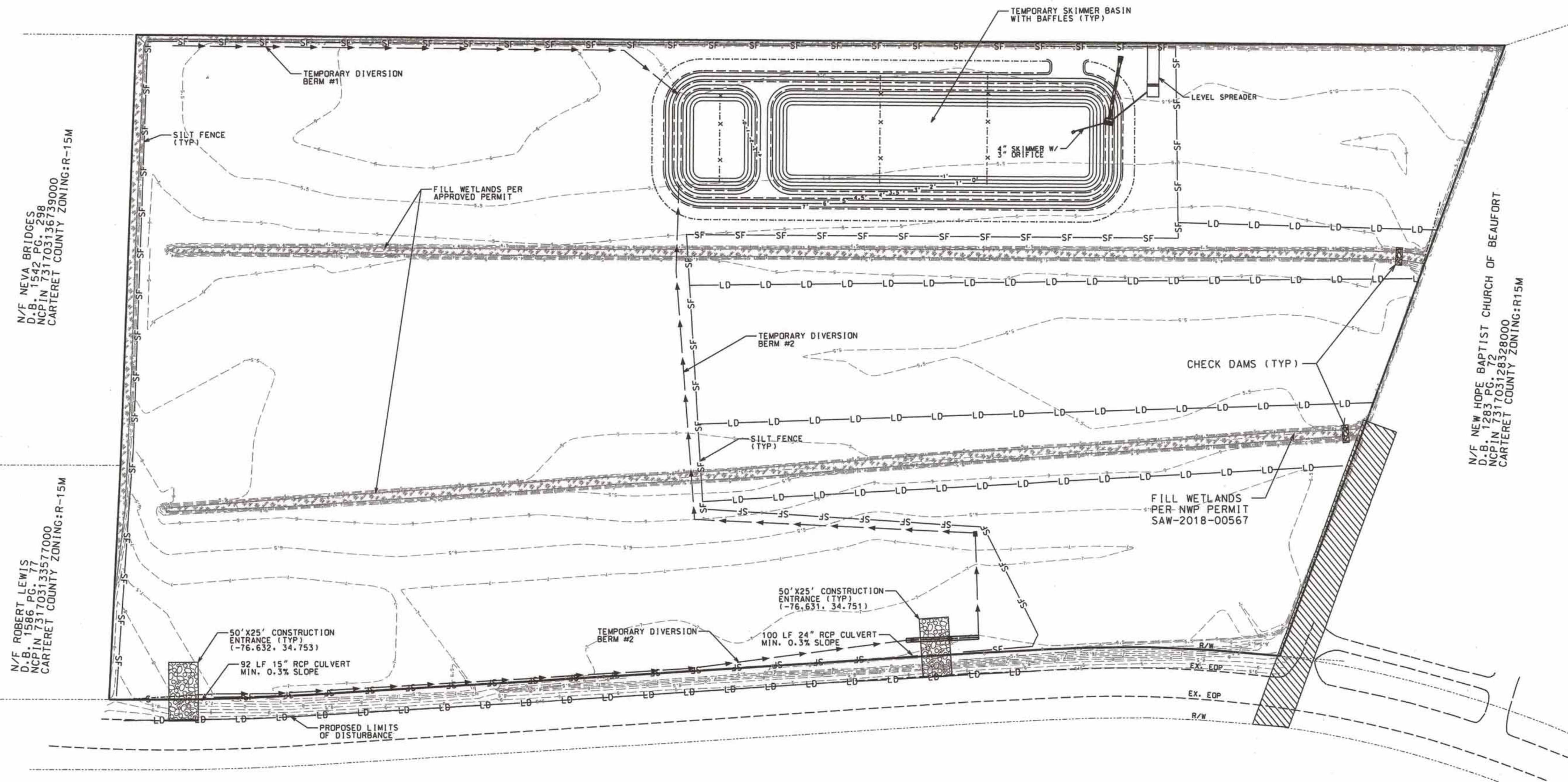
SCALE: 1" = 30'

U.S. HIGHWAY 70 BEAUFORT
60' PUBLIC RIGHT-OF-WAY



N/F 200 CANAL ROAD, LLC
D.B. 1593 PG. 338
NCPIN 731703334692000
CARTERET COUNTY ZONING: R-15M

NO CONCRETE WASHDOWN ALLOWED
LAND DISTURBANCE = 10.55 AC
ALL DENUDED AREAS SHALL BE STABILIZED WITHIN
7 DAYS OF BEING BROUGHT TO ROUGH FINAL GRADE
THERE ARE 0.121 ACRES OF WETLAND
IMPACTS PROPOSED WITH THIS PLAN



N/F NEVA BRIDGES
D.B. 1542 PG. 298
NCPIN 731703136739000
CARTERET COUNTY ZONING: R-15M

N/F ROBERT LEWIS
D.B. 1586 PG. 77
NCPIN 731703133577000
CARTERET COUNTY ZONING: R-15M

N/F NEW HOPE BAPTIST CHURCH OF BEAUFORT
D.B. 1283 PG. 82
NCPIN 731703128328000
CARTERET COUNTY ZONING: R-15M

LEGEND

- 404 WETLANDS
- EXISTING CONTOURS
- PROPOSED CONTOURS
- TEMPORARY DIVERSION BERM
- PROPOSED SILT FENCE
- PROPOSED LIMITS OF DISTURBANCE

REVISIONS:

No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

EROSION CONTROL NOTES

MAINTENANCE PLAN

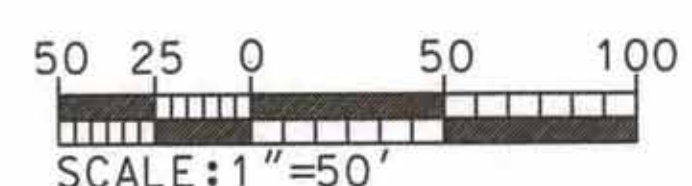
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND EFFECTIVE OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL EVENT OR AT LEAST ONCE A WEEK. REPAIRS REQUIRED SHALL BE COMPLETED IMMEDIATELY TO THE DIMENSION AND FUNCTIONS INDICATED ON THE PLAN.
- SEDIMENT SHALL BE REMOVED FROM BEHIND THE SEDIMENT FENCING WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. WHEN DAMAGED, THE FENCE SHALL BE REPLACED OR REPAIRED TO MAINTAIN BARRIER.
- ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED AND MULCHED ACCORDING TO THE CONTRACT DOCUMENTS TO ESTABLISH AND MAINTAIN A DENSE VEGETATIVE COVER.
- ANY AREAS STEEPER THAN 3:1 SLOPE SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL PROVIDE TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

NOTES

- PERSON RESPONSIBLE FOR LAND DISTURBING ACTIVITY:
PRUITT PROPERTIES, INC
1626 JEURGENS COURT
NORCROSS, GA 30093
- BORROW ACTIVITY TO BE OBTAINED FROM A PERMITTED MINE.
- ANY MATERIAL REMOVED FROM THE SITE MUST BE HAULED TO A PERMITTED SITE.

CONSTRUCTION SEQUENCE - PHASE 1

- INSTALL CONSTRUCTION ENTRANCES.
- CONTRACTOR SHALL CONTACT NCDENR WILMINGTON REGIONAL OFFICE AT: 910-796-7215 AND THE CULLIPHER GROUP, P.A. AT: 252-773-0090 FOR A PRECONSTRUCTION MEETING.
- CONTRACTOR SHALL INSTALL SILT FENCE, SILT FENCE OUTLETS, AND CHECK DAMS AS SHOWN ON THE APPROVED PLANS. SILT FENCE OUTLETS SHALL BE PLACED AT ALL LOCALIZED LOW POINTS ALONG THE SILT FENCE. CONTRACTOR SHALL LIMIT INITIAL CLEARING FOR INSTALLATION OF THESE DEVICES ONLY.
- BEGIN MUCKING OUT AND FILLING EXISTING DITCHES PER GEOTECH REPORT.
- INSTALL TEMPORARY DIVERSION BERMS AND SKIMMER BASIN.
- BEGIN CLEARING AND GRUBBING OF SITE.
- BEGIN BRINGING IN FILL MATERIAL AND COMPACT PER GEOTECH REPORT.



EROSION CONTROL PHASE 1

PRUITTHEALTH CRYSTAL COAST

2415 HIGHWAY 70

BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMC
PHONE: 678-533-6770	CHECKED: CMC
THE CULLIPHER GROUP, P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MOREHEAD CITY, N.C. 28557 (252) 773-0090 LICENSE NO. C-4482	APPROVED: CMC
CHARLES M. CULLIPHER P.E.	DATE: 7/7/21
	SCALE: 1" = 50'

NO CONCRETE WASHDOWN ALLOWED
LAND DISTURBANCE = 10.55 AC

ALL DENUDE AREAS SHALL BE STABILIZED WITHIN
7 DAYS OF BEING BROUGHT TO ROUGH FINAL GRADE

THERE ARE 0.121 ACRES OF WETLAND
IMPACTS PROPOSED WITH THIS PLAN

CONSTRUCTION SEQUENCE - PHASE 2

AS SITE COMES UP TO GRADE CONTRACTOR SHALL INSTALL RETAINING WALL PER
MANUFACTURER REQUIREMENTS

INSTALL STORM DRAIN NETWORKS PER THE APPROVED PLANS. ALL STRUCTURES
SHALL HAVE INLET PROTECTION PER DETAILS.

INSTALL UTILITIES AND BEGIN BUILDING CONSTRUCTION.

STABILIZE SITE PER CIVIL SHEET C18 - GROUND STABILIZATION DURING
CONSTRUCTION.

WHEN SITE IS STABILIZED AND CONSTRUCTION IS NEAR COMPLETE, CALL NCDEO AND
THE CULLIPHER GROUP, P.A. FOR SITE INSPECTION.

UPON APPROVAL, MUCK OUT SKIMMER BASIN AND CONVERT BASIN INTO STORMWATER
DETENTION PONDS PER APPROVED PLANS.

STABILIZE ALL REMAINING SURFACES AND CALL FOR FINAL INSPECTION.

EROSION CONTROL NOTES

MAINTENANCE PLAN

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED
FOR STABILITY AND EFFECTIVE OPERATION FOLLOWING EVERY RUNOFF
PRODUCING RAINFALL EVENT OR AT LEAST ONCE A WEEK. REPAIRS
REQUIRED SHALL BE COMPLETED IMMEDIATELY TO THE DIMENSION AND
FUNCTIONS INDICATED ON THE PLAN.
- SEDIMENT SHALL BE REMOVED FROM BEHIND THE SEDIMENT FENCING
WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. WHEN DAMAGED,
THE FENCE SHALL BE REPLACED OR REPAIRED TO MAINTAIN BARRIER.
- ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED AND MULCHED
ACCORDING TO THE CONTRACT DOCUMENTS TO ESTABLISH AND MAINTAIN
A DENSE VEGETATIVE COVER.
- ANY AREAS STEEPER THAN 3:1 SLOPE SHALL BE PROVIDED TEMPORARY
OR PERMANENT STABILIZATION WITHIN 7 CALENDAR DAYS FROM THE
LAST LAND-DISTURBING ACTIVITY. ALL OTHER DISTURBED AREAS SHALL
PROVIDE TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 CALENDAR
DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.

NOTES

- PERSON RESPONSIBLE FOR LAND DISTURBING ACTIVITY:
PRUITT PROPERTIES, INC.
1626 JEURGENS COURT
NORCROSS, GA 30093
- BORROW ACTIVITY TO BE OBTAINED FROM A PERMITTED MINE.
- ANY MATERIAL REMOVED FROM THE SITE MUST BE HAULED TO
A PERMITTED SITE.

LEGEND

- 18.5-- EX. CONTOURS
- 19.5-- PROPOSED CONTOURS
- 8" HDPE (COLLECT ROOF DRAINS)
- HP HIGH POINT
- TW TOP OF WALL ELEVATION
- BW BOTTOM OF WALL ELEVATION
- PROPOSED STORM DRAINAGE
- CB CATCH BASIN
- DI DROP INLET
- SOMH STORM DRAIN MANHOLE
- TEMPORARY DIVERSION BERM
- SF PROPOSED SILT FENCE
- LD PROPOSED LIMITS OF DISTURBANCE
- INLET PROTECTION

REVISIONS:

NO.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

EROSION CONTROL PHASE 2

PRUITTHEALTH CRYSTAL COAST

2415 HIGHWAY 70

BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

DESIGNED: CMC

ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093

DRAWN: CMC

PHONE: 678-533-6770

CHECKED: CMC

THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES

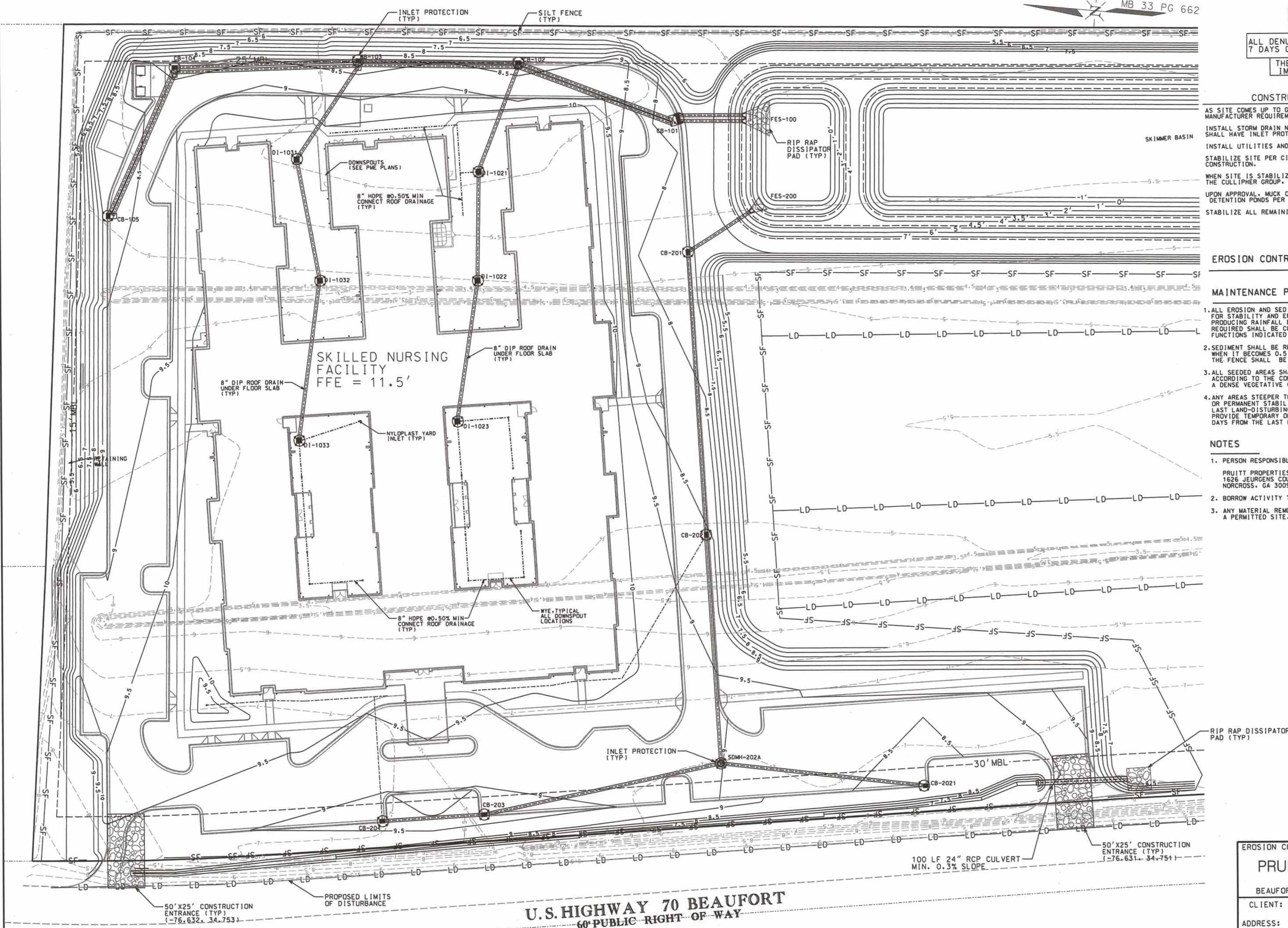
APPROVED: CMC

151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 778-0090

DATE: 7/7/21

CHARLES M. CULLIPHER P.E.

SCALE: 1" = 30'



U.S. HIGHWAY 70 BEAUFORT
60' PUBLIC RIGHT-OF-WAY

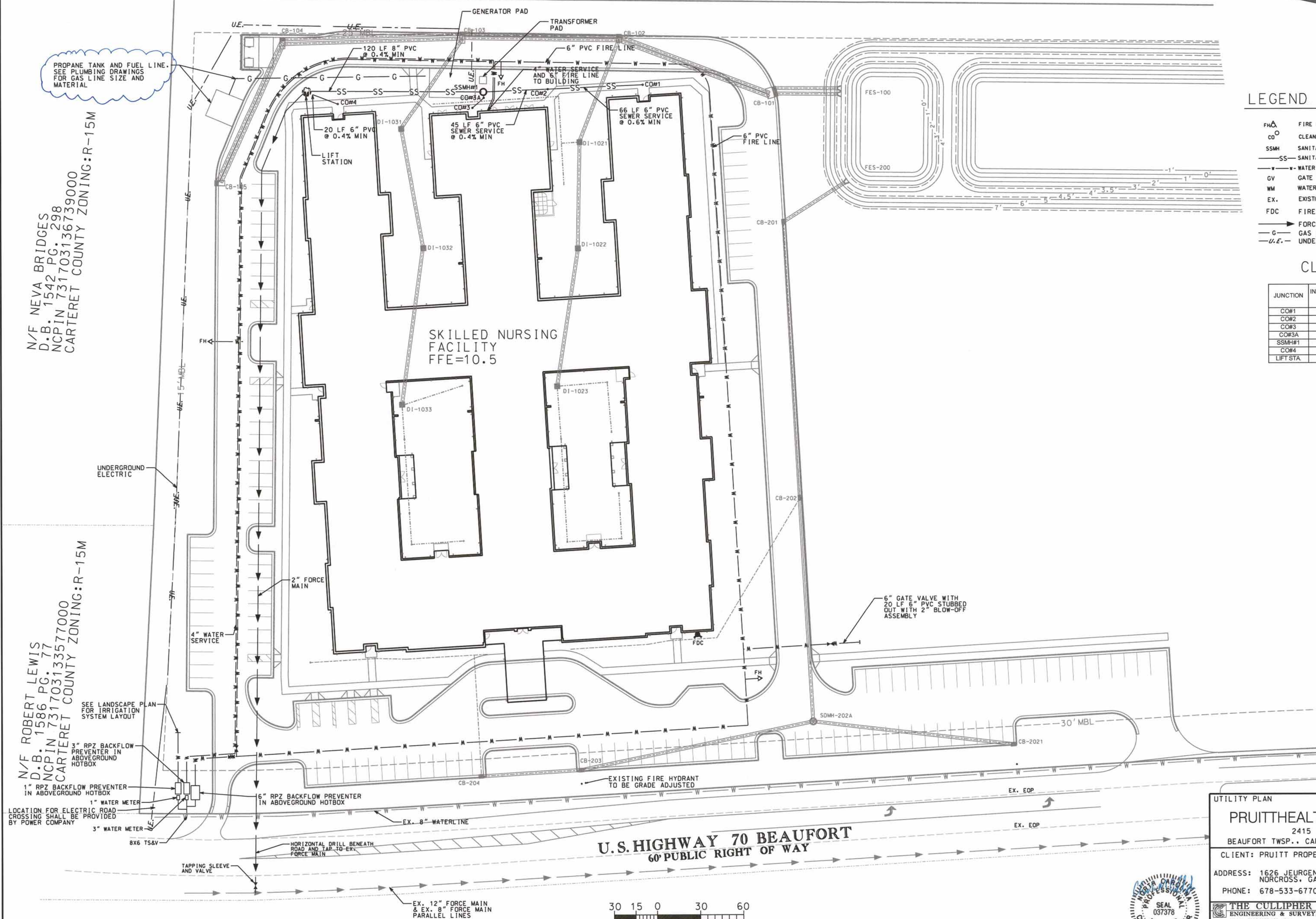
30 15 0 30 60
SCALE: 1" = 30'

LEGEND

- FH FIRE HYDRANT
- CO CLEAN OUT
- SSMH SANITARY SEWER MANHOLE
- SS SANITARY SEWER LINE
- W WATER LINE
- GV GATE VALVE
- WM WATER METER
- EX. EXISTING (UTILITY)
- FDC FIRE DEPT. CONNECTION
- FM FORCE MAIN
- G GAS LINE
- U.E. UNDERGROUND ELECTRIC

CLEANOUT TABLE

JUNCTION	INVERT EL. (FT)	RIM EL. (FT)	DOWNSTREAM PIPE SLOPE	DOWNSTREAM PIPE LENGTH (FT)
CO#1	4.50	10.20	0.60%	66
CO#2	4.10	10.20	0.40%	45
CO#3	4.60	10.40	5.50%	10
CO#3A	4.05	10.35	6.30%	2
SSMH#1	3.92	10.20	0.40%	44
CO#4	4.06	10.40	3.52%	20
LIFT STA	3.36	9.75		-



REVISIONS:

No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING
1	CMC	12/20/21	DDI COMMENTS

UTILITY PLAN

PRUITTHEALTH CRYSTAL COAST

2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

DESIGNED: CMC

DRAWN: CMC

CHECKED: CMC

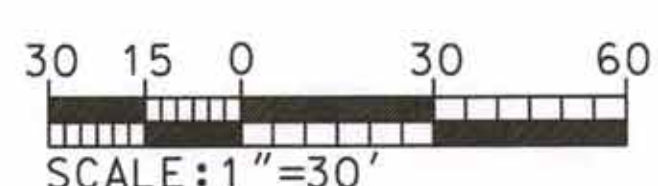
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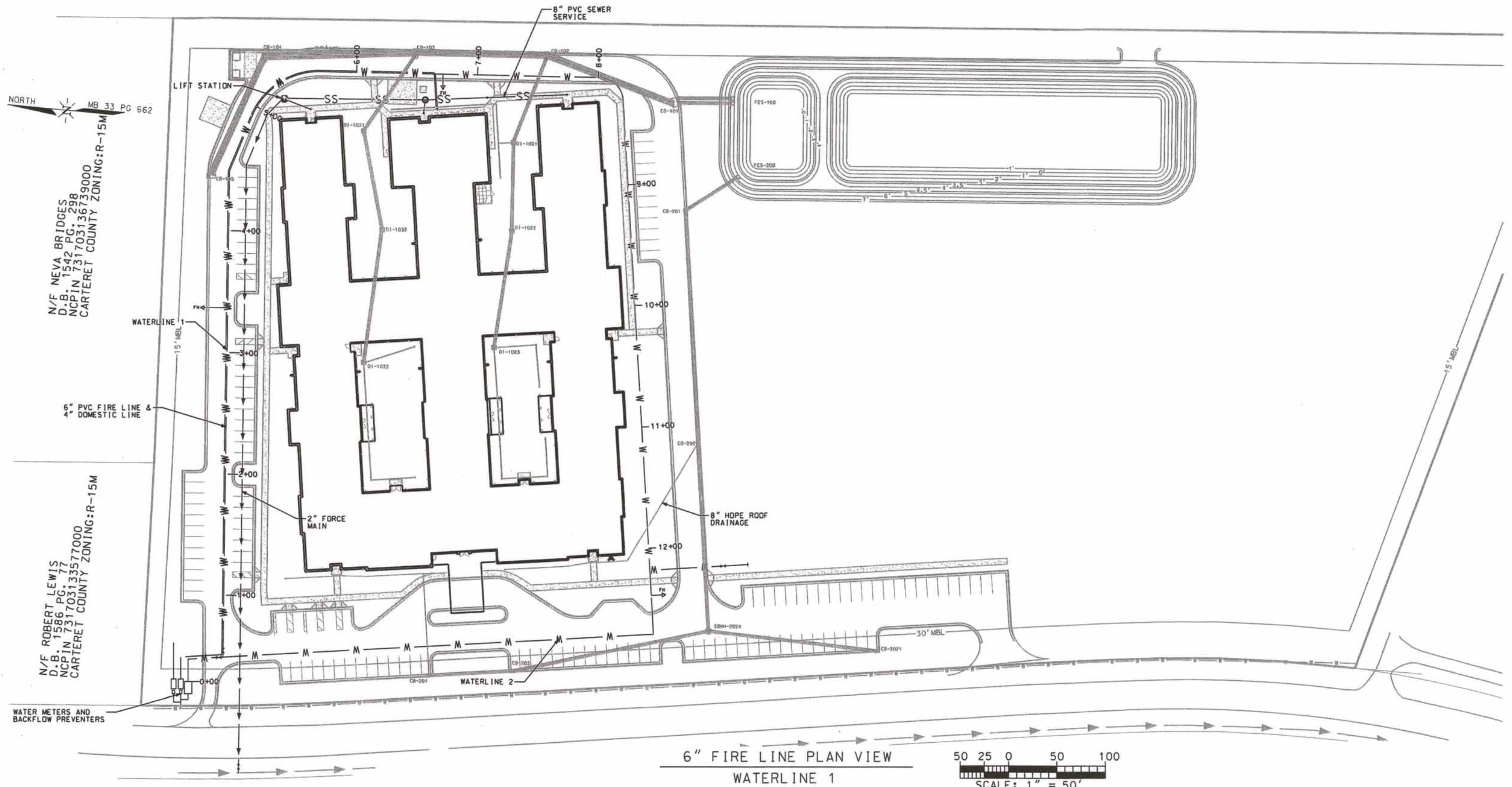
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SCALE: 1" = 30'

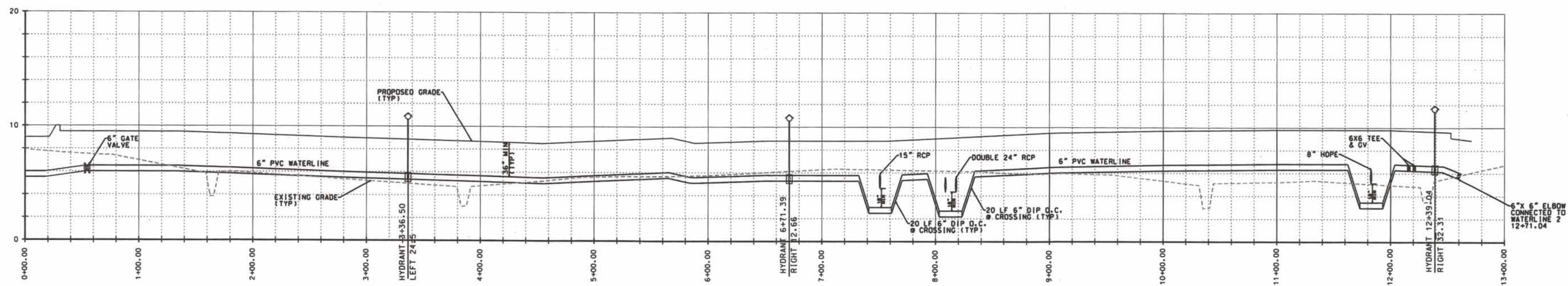
THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090 LICENSE NO. C-4482

CHARLES M. CULLIPHER P.E.





- LEGEND
- PROPOSED WATER LINE
 - SS— PROPOSED SEWER
 - ⊙ GATE VALVE
 - FH.O. FIRE HYDRANT
 - PROPOSED FORCE MAIN
 - EXISTING FORCE MAIN
 - EXISTING WATERLINE



6" FIRE LINE PROFILE (WATERLINE 1)
WITH SANITARY SEWER OFFSETS
VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=50'

REVISIONS:			
NO.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

WATERLINE 1 PLAN AND PROFILE

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWSP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

DESIGNED: CMC

DRAWN: CMC

CHECKED: CMC

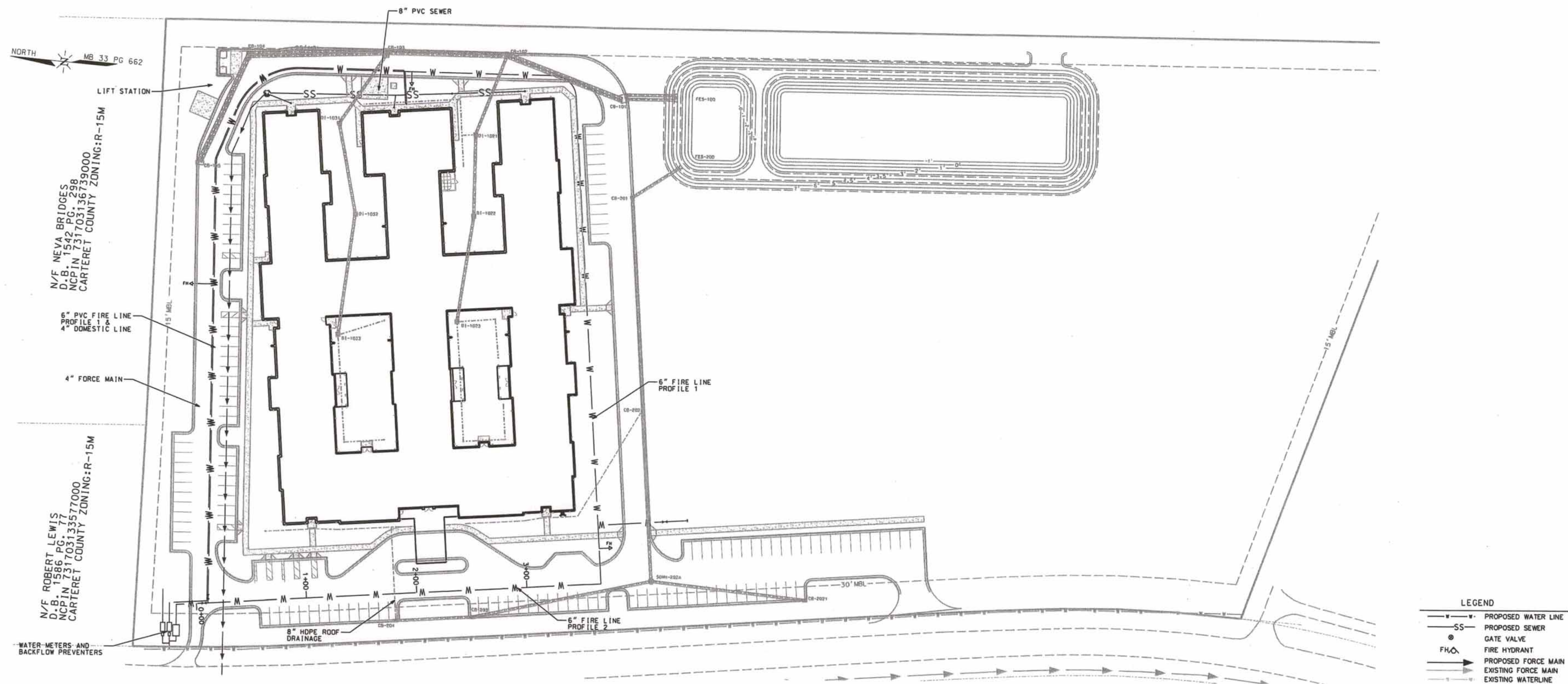
APPROVED: CMC

DATE: 7/7/21

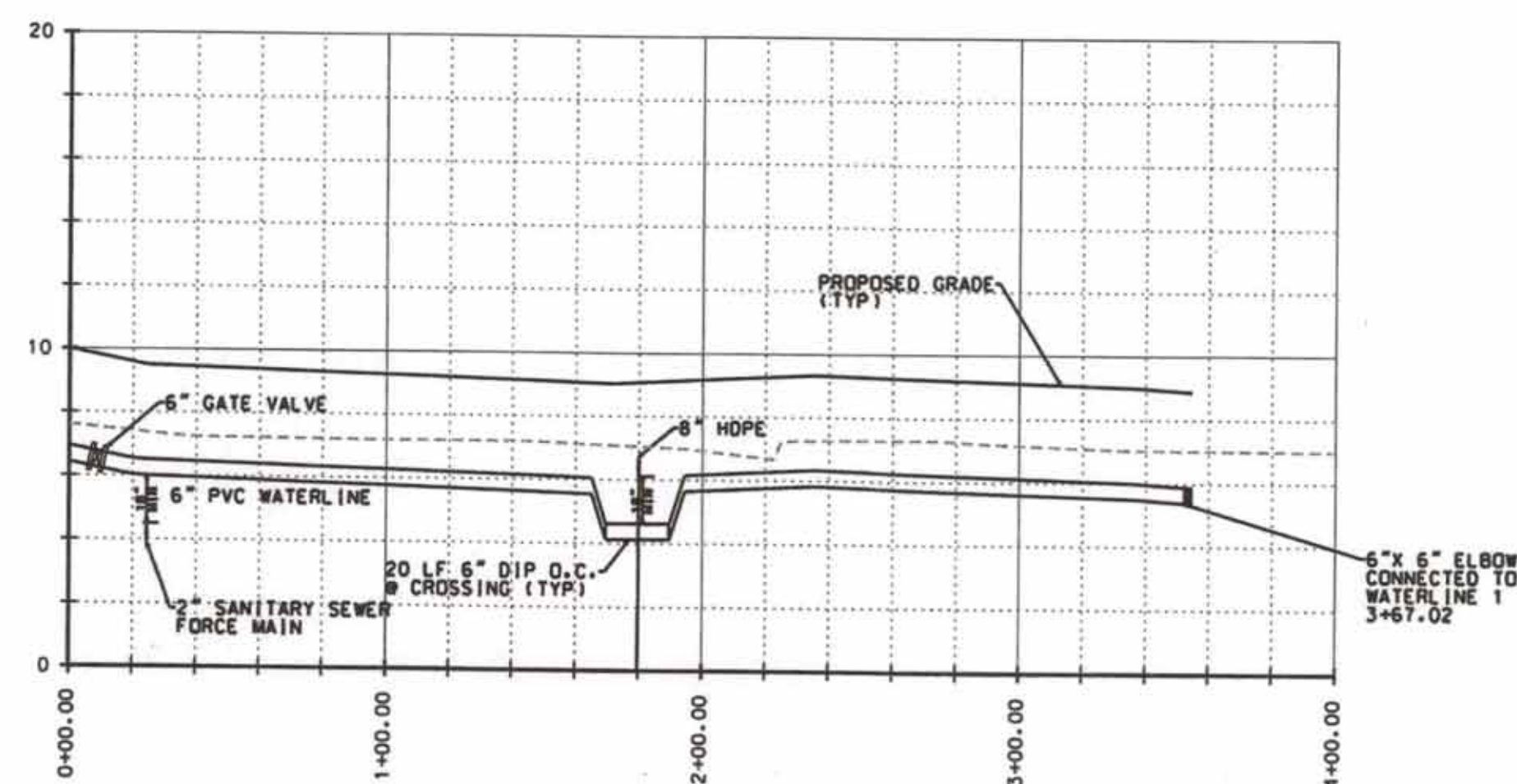
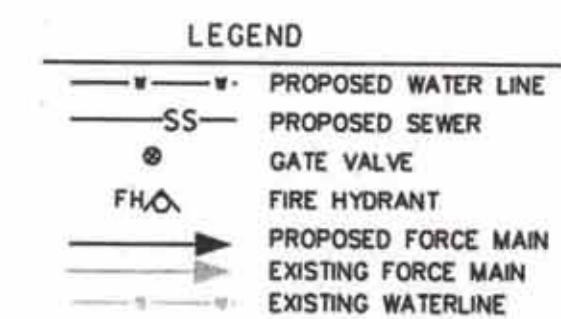
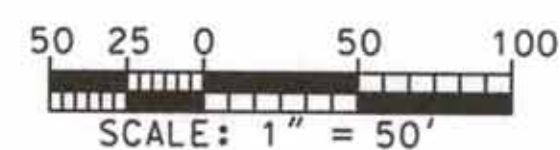
SCALE: 1"= 50'

THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24
MORRISVILLE, N.C. 28557
(252) 778-0090
LICENSE NO. C-4482

CHARLES M. CULLIPHER P.E.



WATERLINE 2 PLAN VIEW
WATERLINE 2



6" FIRE LINE PROFILE (WATERLINE 2)
VERTICAL SCALE: 1"=5'
HORIZONTAL SCALE: 1"=50'

REVISIONS:

No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

WATERLINE 2 PLAN AND PROFILE

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

DESIGNED: CMC

DRAWN: CMC

CHECKED: CMC

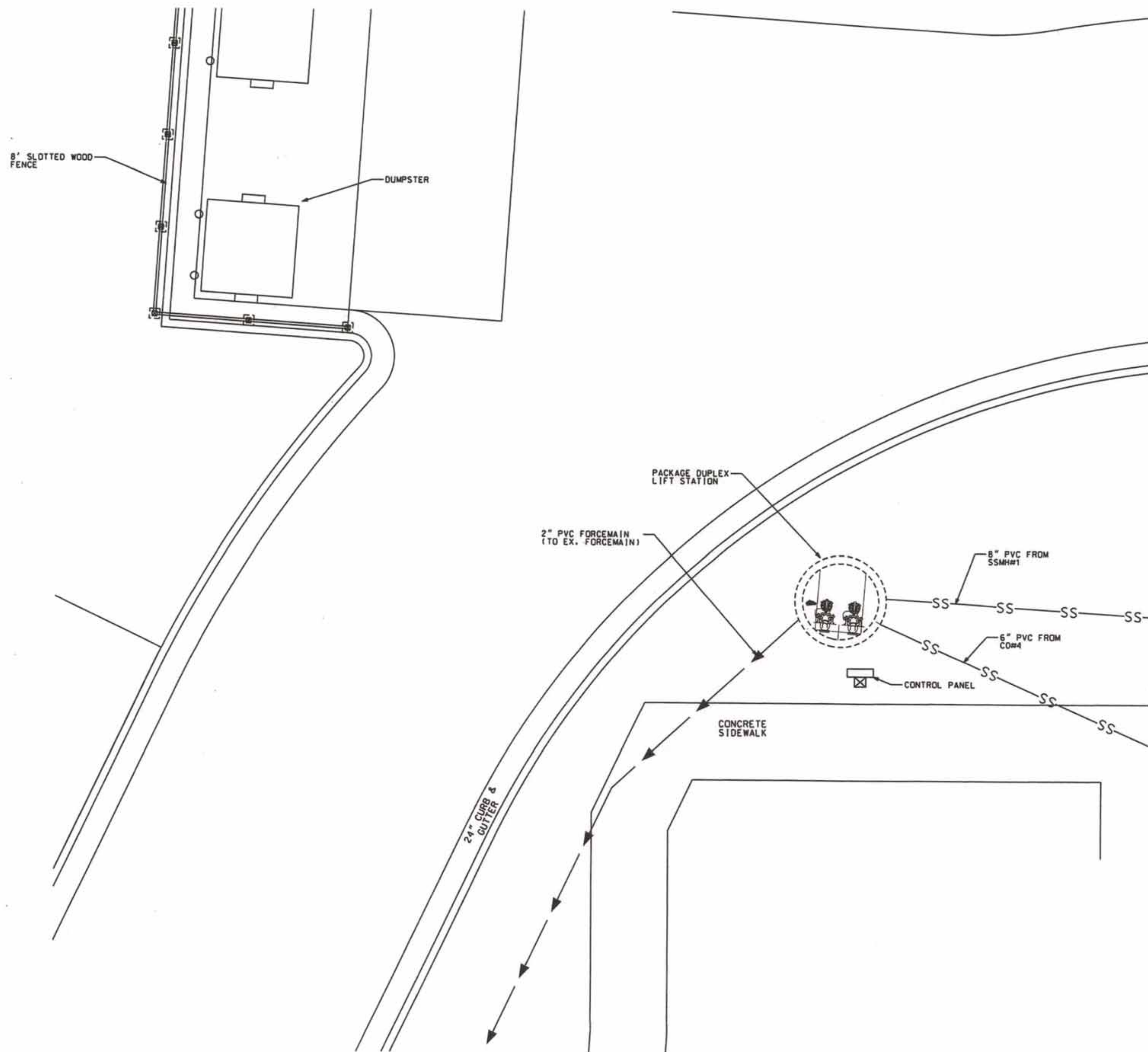
APPROVED: CMC

DATE: 7/7/21

SCALE: 1" = 50'

THE CULLIPHER GROUP, P.A.
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090 LICENSE NO. C-4482

CHARLES M. CULLIPHER P.E.



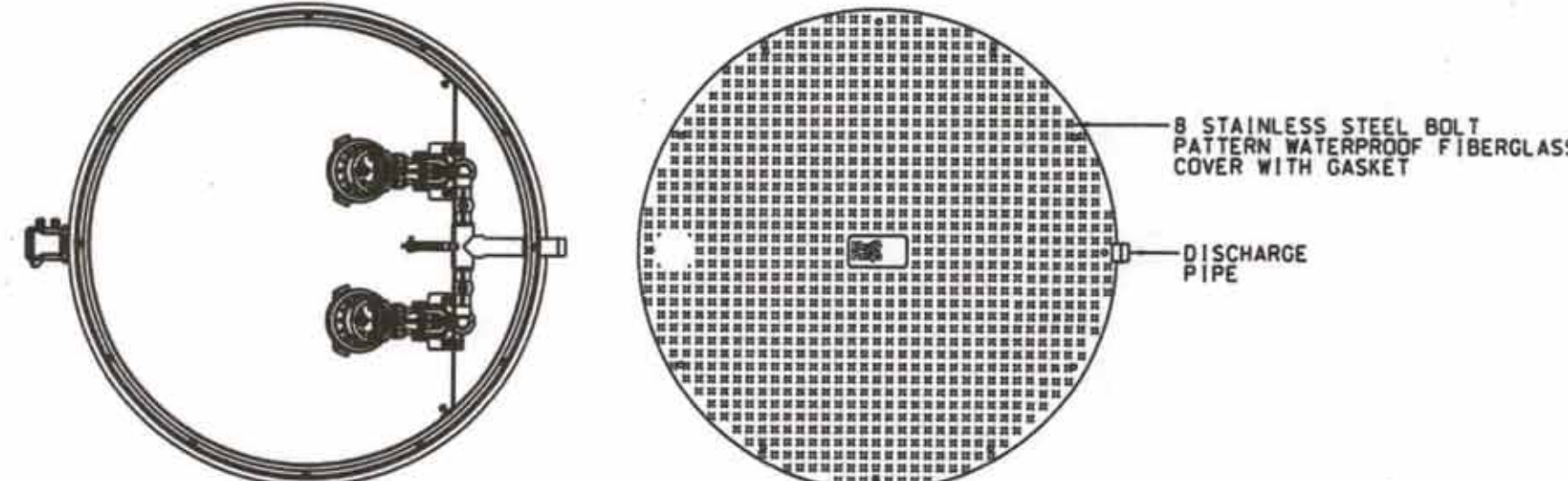
NEMA 4X DUPLEX CONTROL PANEL
PROVIDE ELAPSED TIME METER,
CYCLE COUNTER, HIGH WATER
ALARM, AUTO-DIALER & MANUAL
TRANSFER SWITCH FOR STANDBY
GENERATOR HOOK-UP

VISUAL & AUDIBLE ALARM

EASY ACCESS COVER W/ LOCKABLE HASP

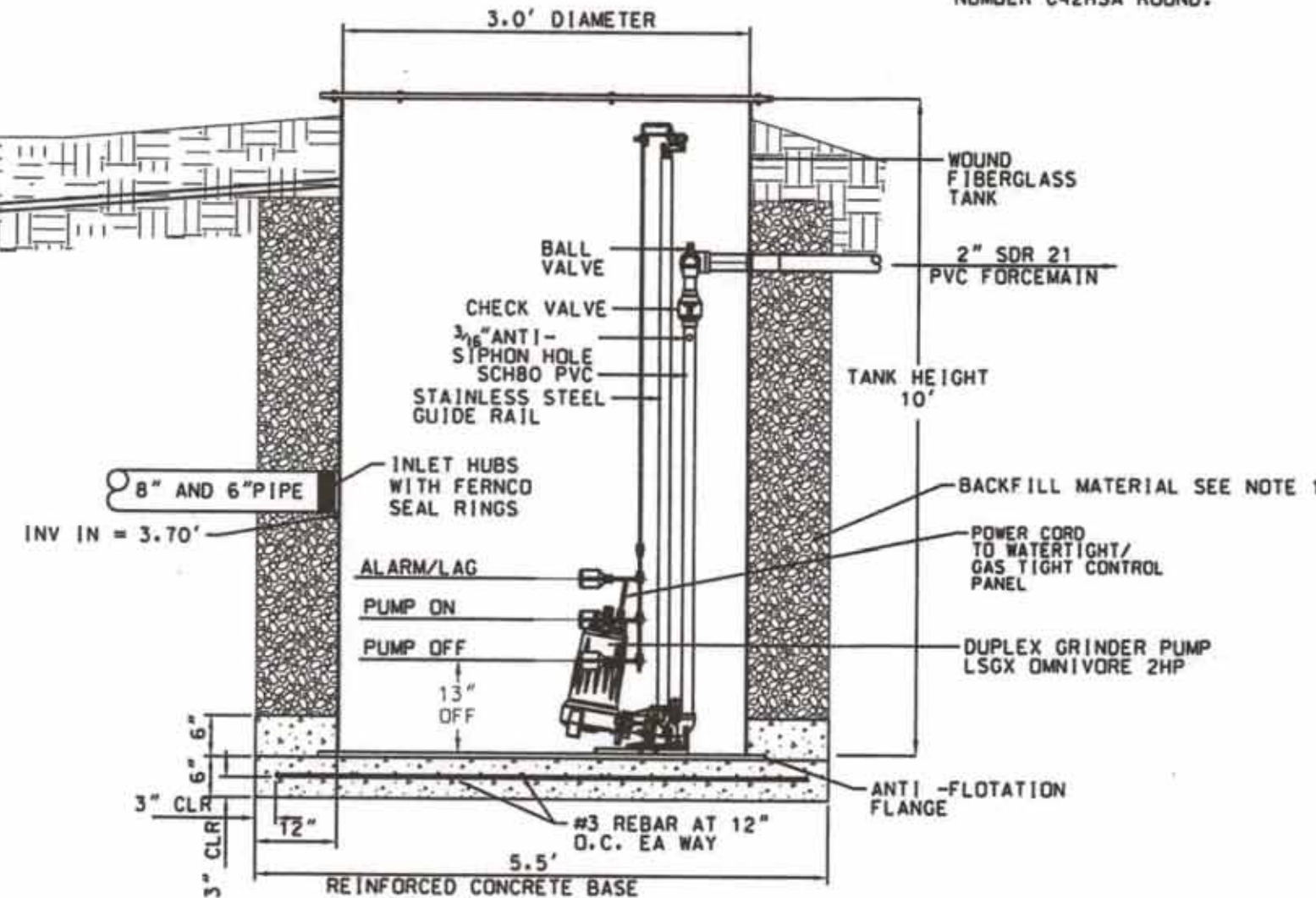
CONTROL PANEL MUST BE SET
ABOVE 100 YEAR FLOOD PLAIN
AND 12" MINIMUM ABOVE FINISH
GRADE

SEPARATE CIRCUITS FROM
POWER SOURCE FOR: POWER
SUPPLY PUMPS / CONTROLS
& POWER SUPPLY ALARM
CONDUITS TO AND FROM PANEL
AND LIFT STATION SHALL BE
WATER AND GAS TIGHT.



NOTE: PROVIDE EXTERNAL DISCONNECT AS SEPARATE
ITEM IF PANEL IS NOT EQUIPPED WITH EXTERNAL
DISCONNECT FEATURE

NOTE: PROVIDE ALUMINUM HATCH
COVERS FOR LIFT STATION 1.
SEE TOPPS INDUSTRIES PART
NUMBER C42HSA ROUND.



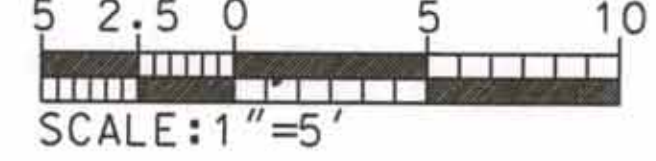
- NOTES:
- BACKFILL MATERIALS
 - PEA GRAVEL, NATURALLY ROUNDED PARTICLES WITH A MINIMUM DIAMETER OF $\frac{1}{8}$ INCH AND MAXIMUM DIAMETER OF $\frac{3}{4}$ INCH
 - CRUSHED ROCK, WASHED AND FREE FLOWING ANGULAR PARTICLES BETWEEN $\frac{1}{8}$ INCH AND $\frac{1}{2}$ INCH IN SIZE. (#5 STONE)
 - INSTALL PER MANUFACTURERS RECOMMENDATIONS

LIFT STATION #	TOP	BOTTOM	INVERT IN	PUMP OFF	PUMP ON	ALARM	LAG ON
1	9.30	-0.70	3.70	0.38	2.88	3.38	3.38

LIBERTY PUMPS DUPLEX
GRINDER PACKAGE
(OR APPROVED EQUAL)

REVISIONS:

No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING



LIFT STATION DETAILS

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWSP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093

PHONE: 678-533-6770

DESIGNED: CMC

DRAWN: CMC

CHECKED: CMC

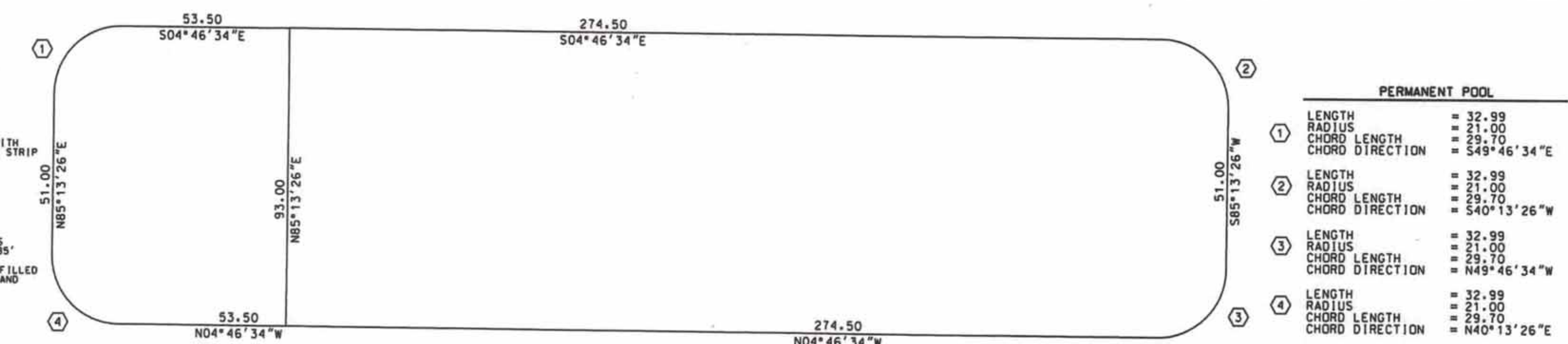
APPROVED: CMC

DATE: 7/7/21

SCALE: 1" = 5'

THE CULLIPHER GROUP, P.A.
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0990
LICENSE NO. C-4482

CHARLES M. CULLIPHER P.E.



DRAINAGE AREA =	584,924 SF
DESIGN IMPERVIOUS AREA =	340,842 SF

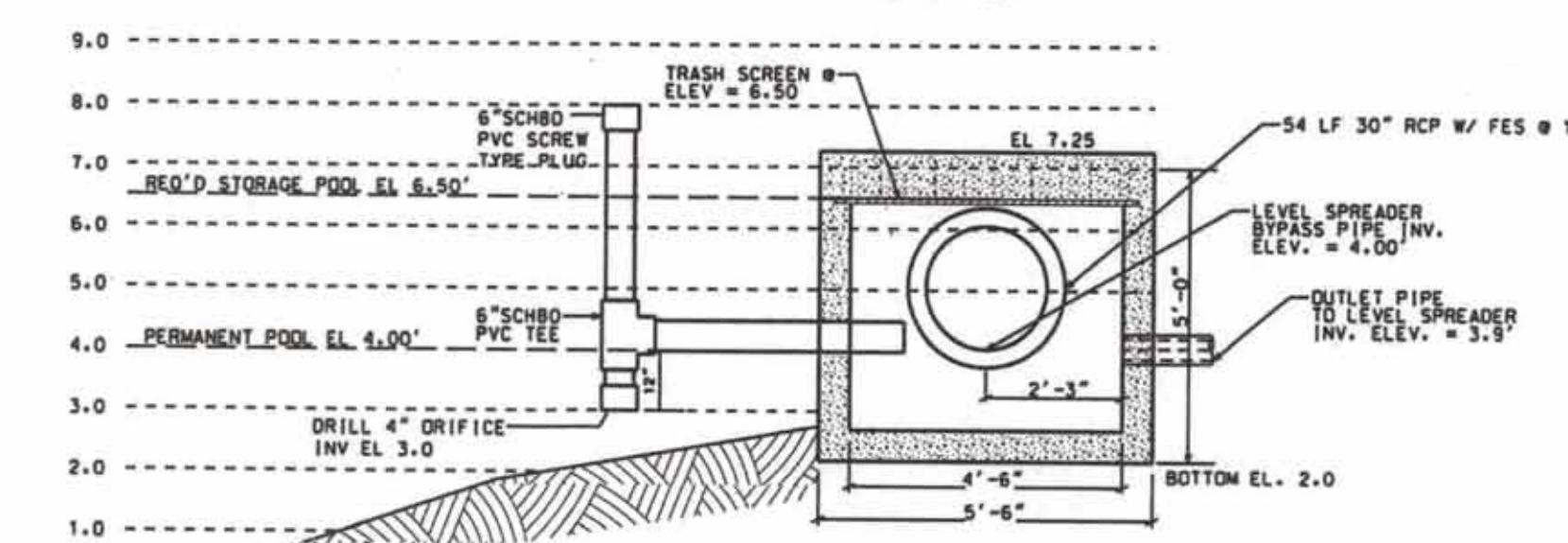


NOTES:

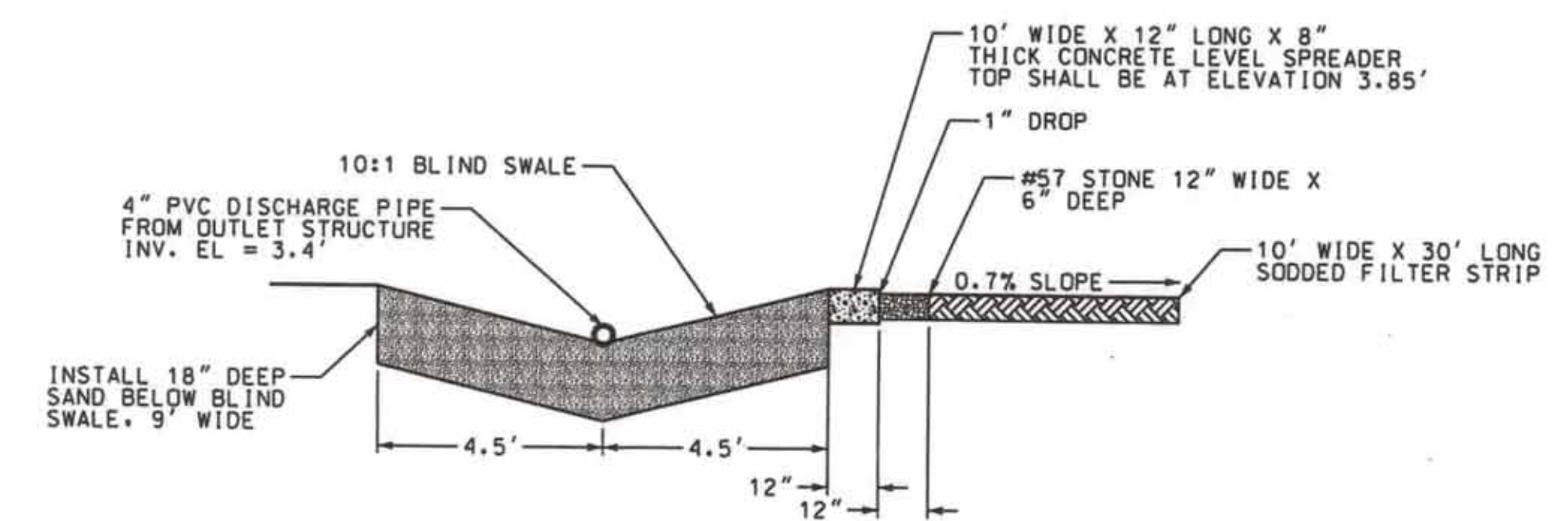
1. FOREBAY AND MAIN BASIN TO BE CLEANED OUT TO PERMANENT GRADE AT COMPLETION OF CONSTRUCTION.
2. PROVIDE PUMP MECHANISM ON SITE FOR MAINTENANCE AND/OR EMERGENCY POND DRAINING.



CONCRETE OVERFLOW DEVICE



WETLAND AREA	SQ.FT IN WELAND AREA	PLANT CATEGORY	NUMBER OF PLANTS OF CATEGORY IN WETLAND AREA
VEGETATED SWALE	2,267	HERBACEOUS FL. RAINY	567



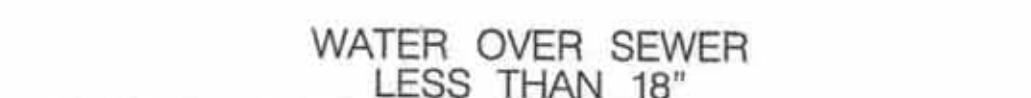
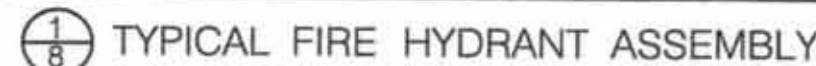
LEVEL SPREADER/FILTER STRIP DETAIL

REVISIONS:			
No.	By	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

30 15 0 30 60

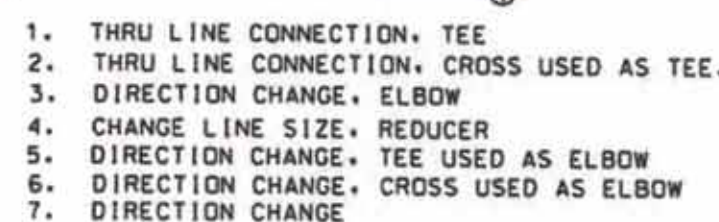
SCALE: 1"=30'

STORMWATER POND DETAIL	
PRUITTHEALTH CRYSTAL COAST 2415 HIGHWAY 70 BEAUFORT TWSP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMC
PHONE: 678-533-6770	CHECKED: CMC
 THE CULLIPHER GROUP, P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MOREHEAD CITY, N.C. 28557 (252) 773-0090	APPROVED: CMC DATE: 7/7/21
(Signature of Charles M. Cullipher) CHARLES M. CULLIPHER P.E.	SCALE: 1" = 30'



2 CROSSING DETAILS

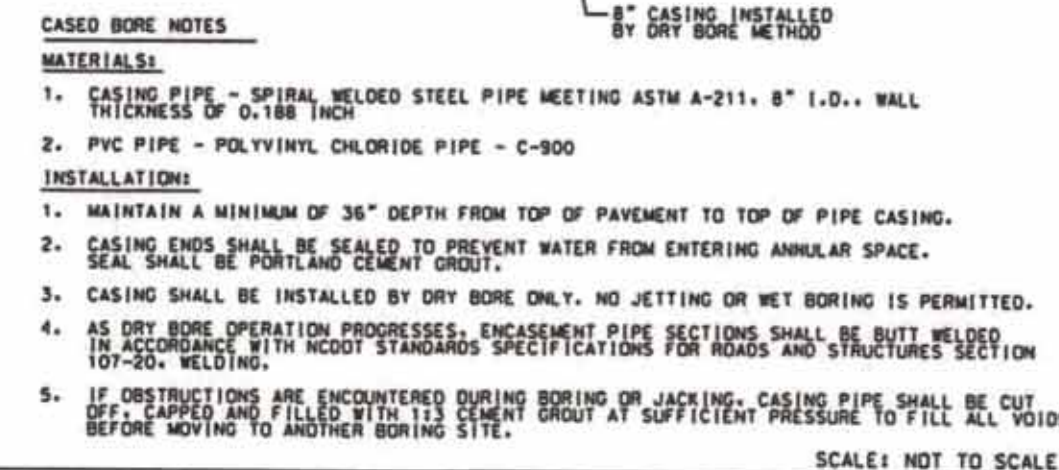
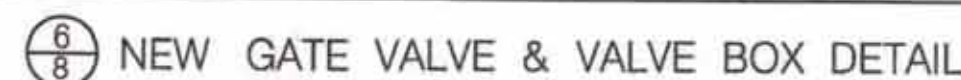
TYPES OF THRUST BLOCKING



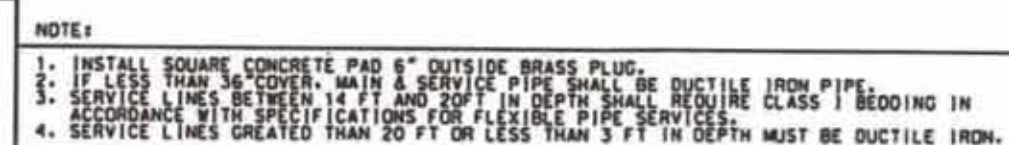
TO DETERMINE THE SIZE OF A CONCRETE THRUST BLOCK, DIVIDE THE TOTAL FORCE BY THE BEARING VALUES OF THE SOIL. THE QUOTIENT WILL BE THE SIZE OF THE BEARING AREA OF THE THRUST BLOCK IN SQUARE FEET. APPROXIMATE VALUES FOR VARIOUS TYPES OF SOILS ARE LISTED IN THE TABLE. NO RESPONSIBILITY CAN BE ASSUMED FOR THE ACCURACY OF THE DATA IN THIS TABLE DUE TO THE WIDE VARIATION OF BEARING LOAD CAPACITIES FOR EACH SOIL TYPE.

SEE BEAUFORT MANUAL
FOR ADDITIONAL DETAILS
ON THRUST BLOCKING

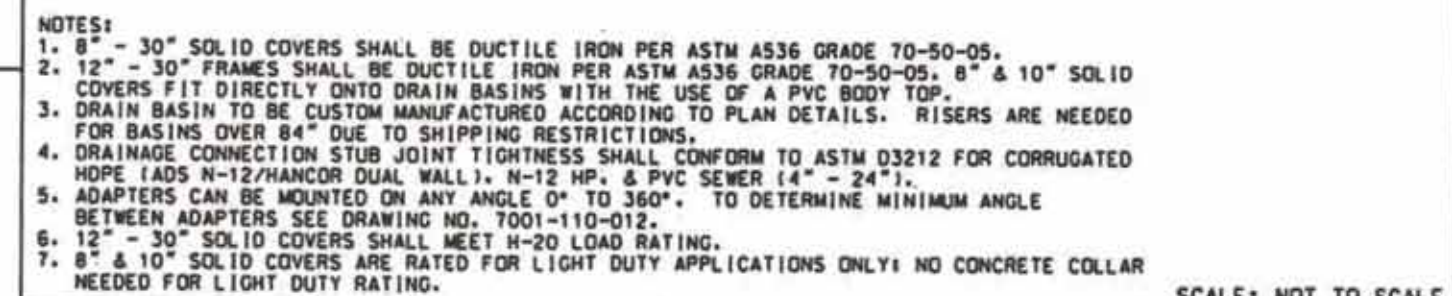
③ THRUST BLOCKING DETAIL



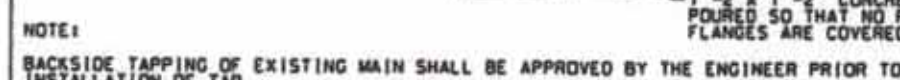
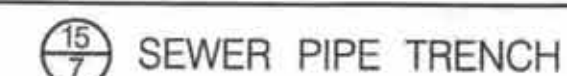
FORCE MAIN BORE



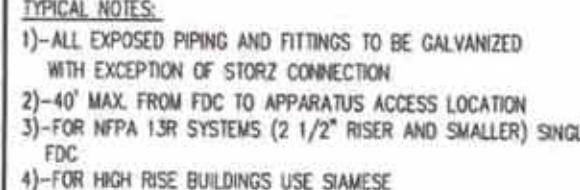
13
7 SANITARY SEWER SERVICE



③ NYLOPLAST DRAIN BASIN WITH SOLID COVER



②₂₄₇ TAPPING DETAIL



FLUSH FDC DETAIL

REFER TO THE TOWN OF
BEAUFORT MANUAL FOR
ADDITIONAL DETAILS

REVISIONS:			
No.	BY	DATE	DESCRIPTION
1	CWC	10/8/21	VALUE ENGINEERING

UTILITY DETAILS

PBI IITHEALTH CRYSTAL COAST

2415 HIGHWAY 70

BEAUFORT TWSP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC	DESIGNED:
--------------------------------	-----------

ADDRESS: 1526 N. EUGENE COURT	CMC
	DRAWN:

ADDRESS: 166 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMC
---	------------

PHONE: 678-533-6770	CHECKED: SMC
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 THE CULLIPHER GROUP P.A.		APPROVED:
---	--	------------------

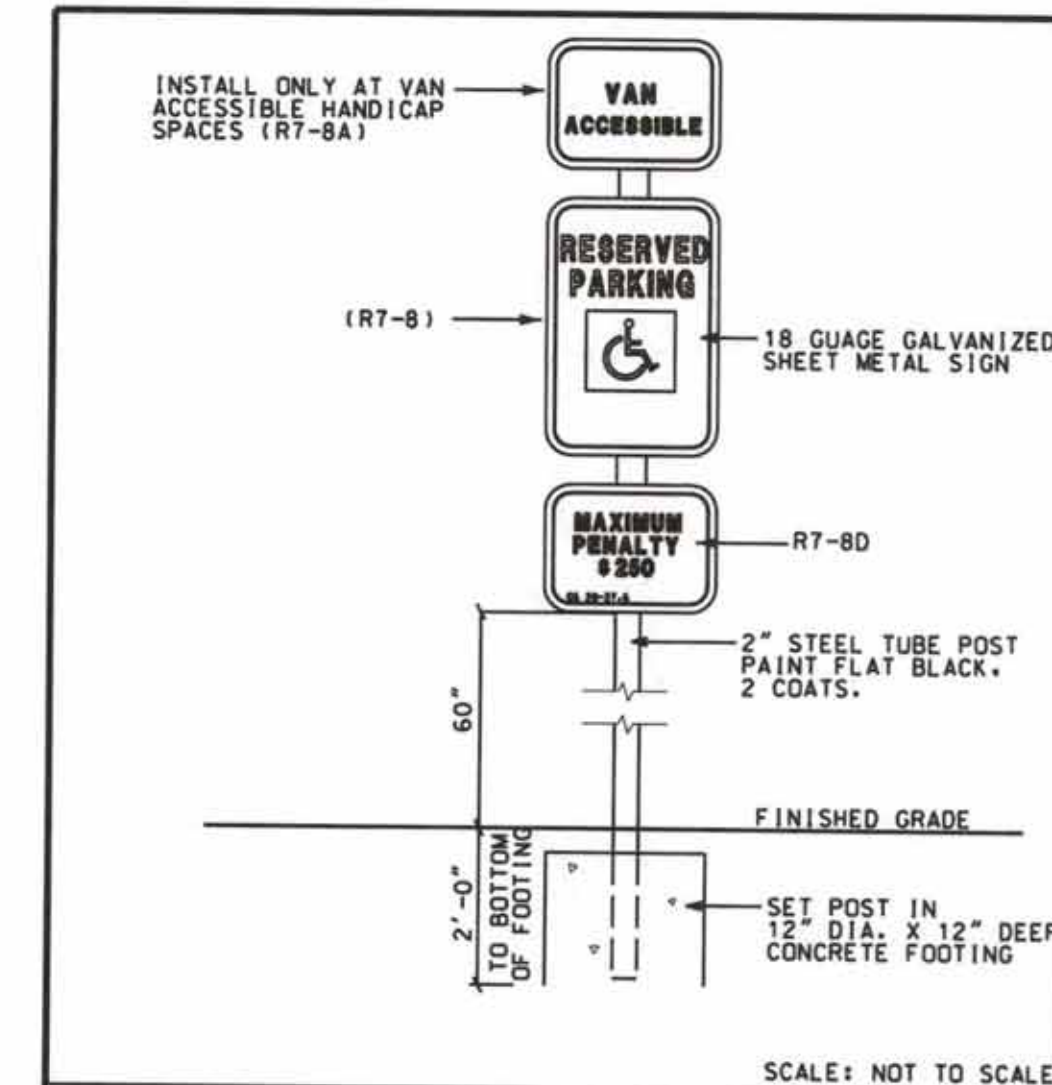
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24

DATE: 7/7/21

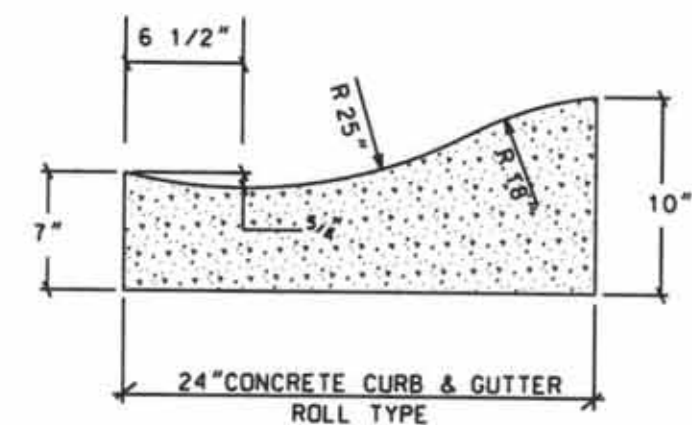
SCALE:

CHARLES M. CULLIPHER P.E.	NTS
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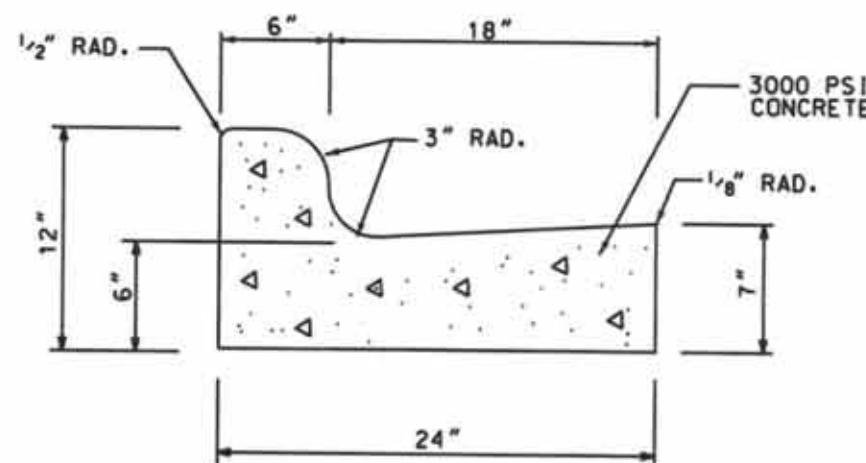
SHEET #: 13 OF 23
PROJECT #: PM2606'-002
DESIGN FILE: Construction Drawings.dgn



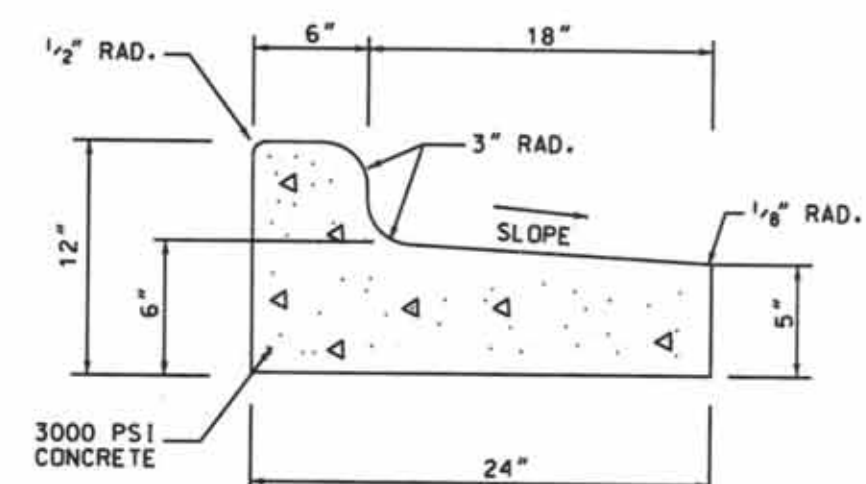
HANDICAP SIGN



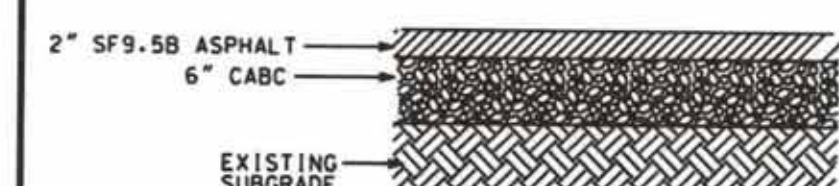
24" ROLLED CONCRETE CURB & GUTTER



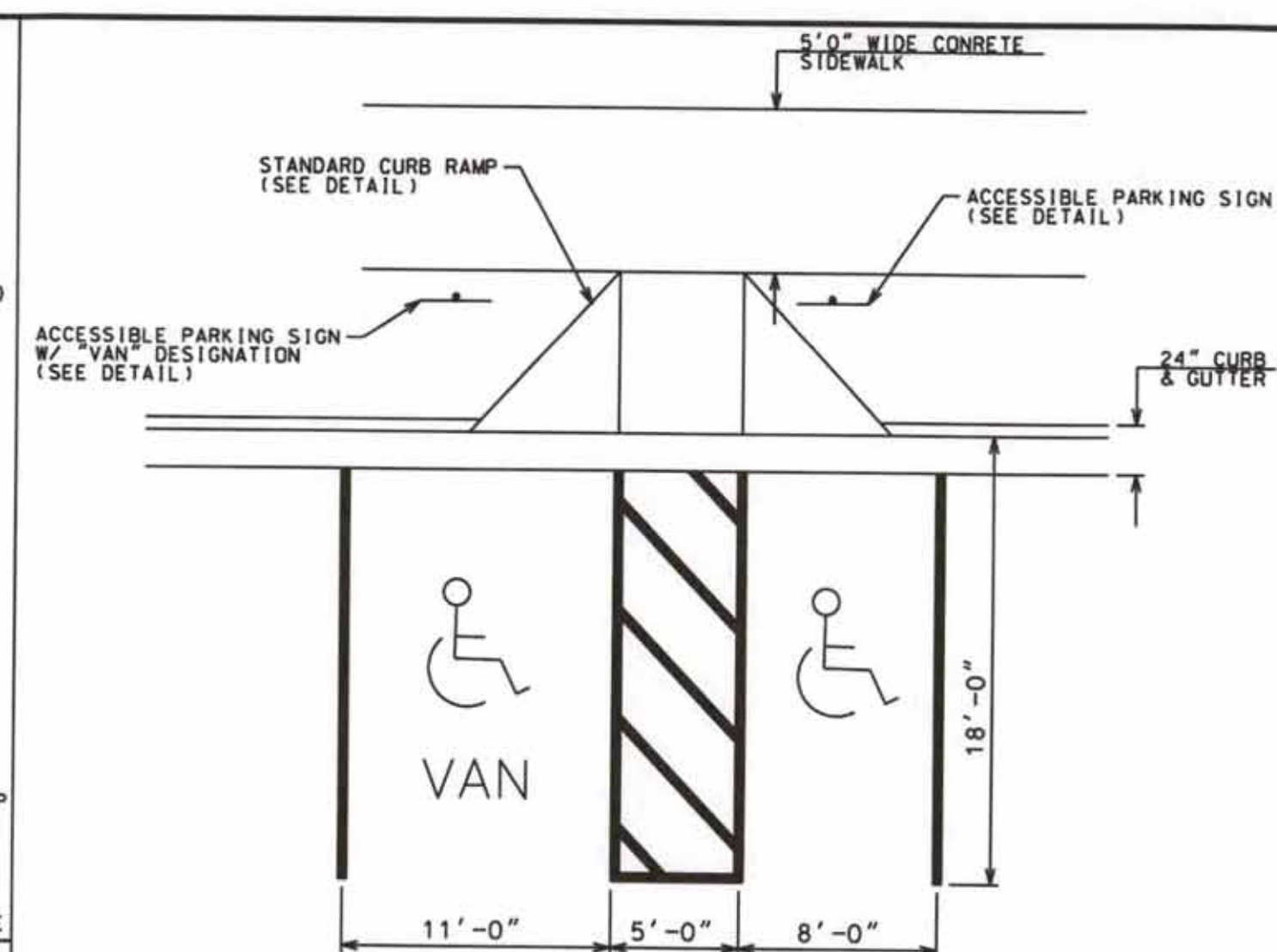
STANDARD CURB & GUTTER (24")



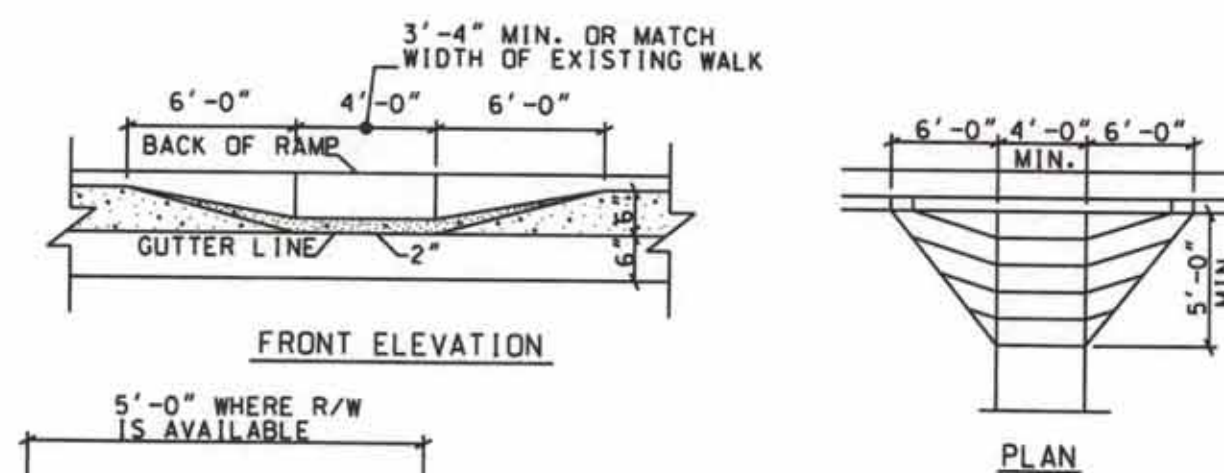
SPILL GUTTER (24")



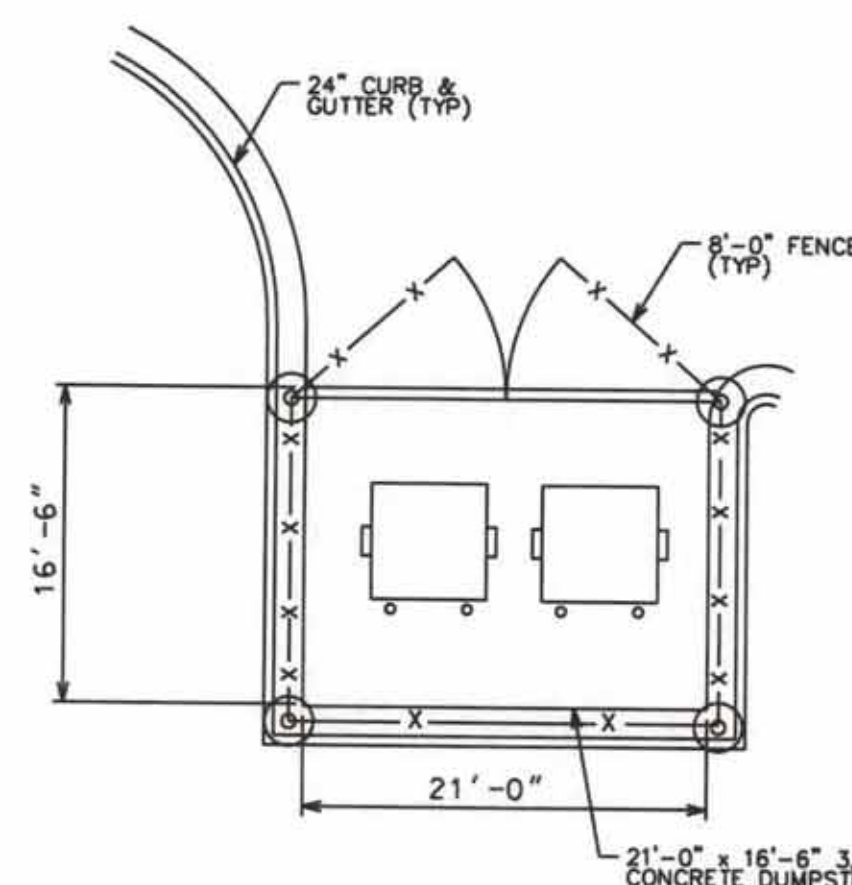
PARKING LOT PAVING



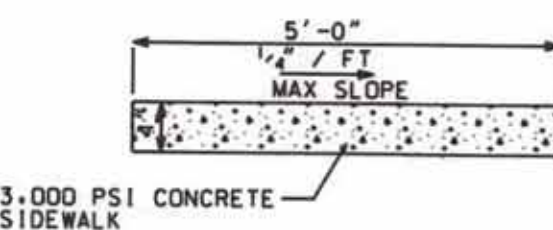
TYPICAL ACCESSIBILITY PARKING STALL LAYOUT (NTS)



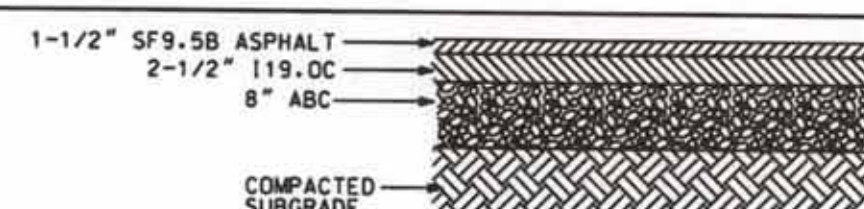
HANDICAP RAMP DETAILS



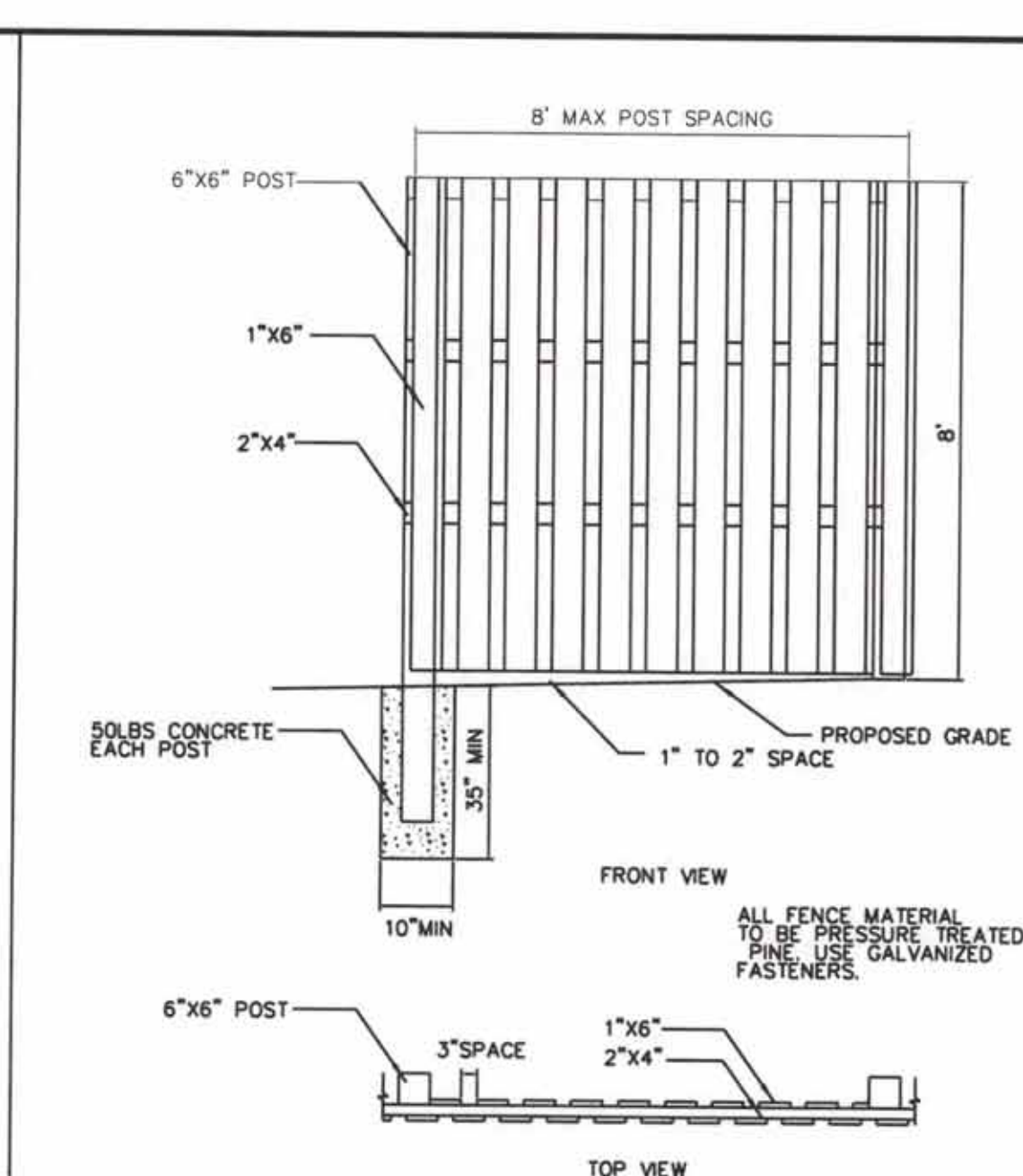
DUMPSTER PAD DETAIL



TYPICAL SIDEWALK & PAVING SECTION



HEAVY DUTY PARKING LOT PAVING



FENCE DETAIL FOR DUMPSTER ENCLOSURE

SEED BED PREPARATION

LIME----- 2 TONS/AC
10-10-10----- 1,000 LBS/AC
SURFACE ROUGHENING: IF RECENT TILLAGE OPERATIONS HAVE RESULTED IN A LOOSE SURFACE, ADDITIONAL ROUGHENING MAY NOT BE REQUIRED EXCEPT TO BREAK UP LARGE CLODS. IF RAINFALL CAUSES THE SURFACE TO BECOME SEALED OR CRUSTED, LOOSEN IT JUST PRIOR TO SEEDING BY DISKING, RAKING OR HARROWING. GROOVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING.

TEMPORARY SEEDING MIXTURE

(DECEMBER 1 - APRIL 15)
RYE (GRAIN)----- 120 LBS/AC
KOBÉ LESPEDEZA (SCARIFIED)----- 50 LBS/AC
(OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXCEED BEYOND JUNE)
(APRIL 15 - AUGUST 15)
GERMAN MILLET----- 40 LBS/AC
(AUGUST 15 - DECEMBER 30)
RYE (GRAIN)----- 25 LBS/AC
(IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50LBS/AC KOBÉ.)

PERMANENT SEEDING MIXTURE

TALL FESCUE----- 60 LBS/AC
PENSACOLA BAHIA GRASS----- 50 LBS/AC
SERICEA LESPEDEZA----- 30 LBS/AC
KOBÉ LESPEDEZA----- 10 LBS/AC
1. FROM SEPTEMBER 1 - MARCH 1, USE UNSCARIFIED SERICEA SEED
2. ON POORLY DRAINED SITES OMIT SERICEA AND INCREASE KOBÉ TO 30 LBS/AC
3. WHERE A NEAT APPEARANCE IS DESIRED, OMIT SERICEA AND INCREASE KOBÉ TO 40 LBS/AC.
4. BETWEEN APRIL 15 AND AUGUST 15, ADD 1 LB/AC GERMAN MILLET OR 15 LB/AC SUDANGRASS. PRIOR TO MAY 1 OR AFTER AUG 15, ADD 25 LB/AC RYE (GRAIN).

PERMANENT SEEDING MIXTURE (SWALES & DITCHES)

COMMON BERMOUDAGRASS----- 80 LBS/AC

MULCHING

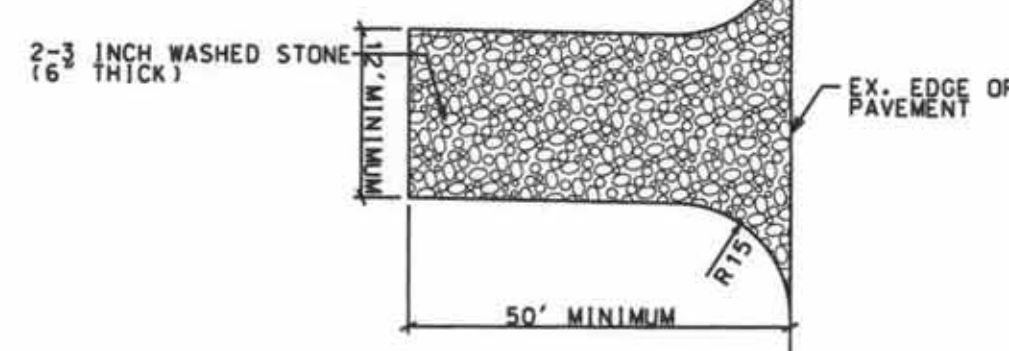
STRAW (WHEAT, OATS, BARLEY, RYE)----- 1-2 TONS/AC (AFTER SEEDING)
(STRAW QUALITY SHALL BE DRY, UNCHOPPED & UNWEATHERED)
ASPHALT TACK----- 200 GAL./TON OF MULCH

1. APPLY 4000 LB/AC STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.
2. A CHANNEL LINING MATERIAL (SEE DETAIL BELOW) SHALL COVER THE BOTTOM OF SWALES & DITCHES. THE LINING SHALL EXTEND ABOVE THE HIGHEST DEPTH OF FLOW WITHIN GIVEN CHANNEL. ON CHANNEL SIDE SLOPES ABOVE THIS HEIGHT APPLY STRAW AS PREVIOUSLY INSTRUCTED.

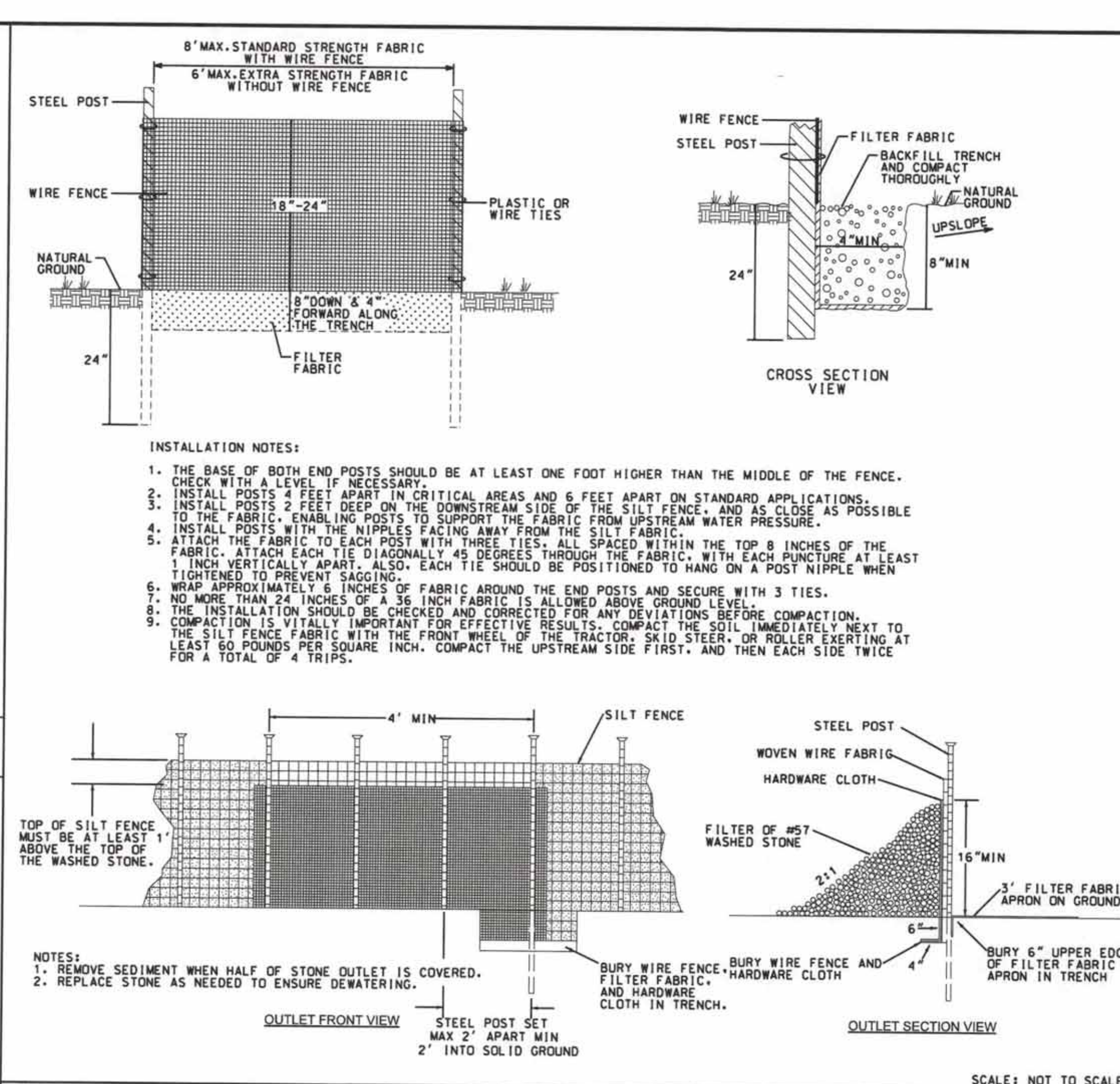
MAINTENANCE

IF GROWTH IS LESS THAN FULLY ADEQUATE, REFERTILIZE IN THE SECOND YEAR WITH 500 LB/AC 10-10-10 FERTILIZER. MOW AS NEEDED WHEN SERICEA IS OMITTED FROM THE MIXTURE. RESEED, FERTILIZE AND MULCH DAMAGED AREAS IMMEDIATELY.

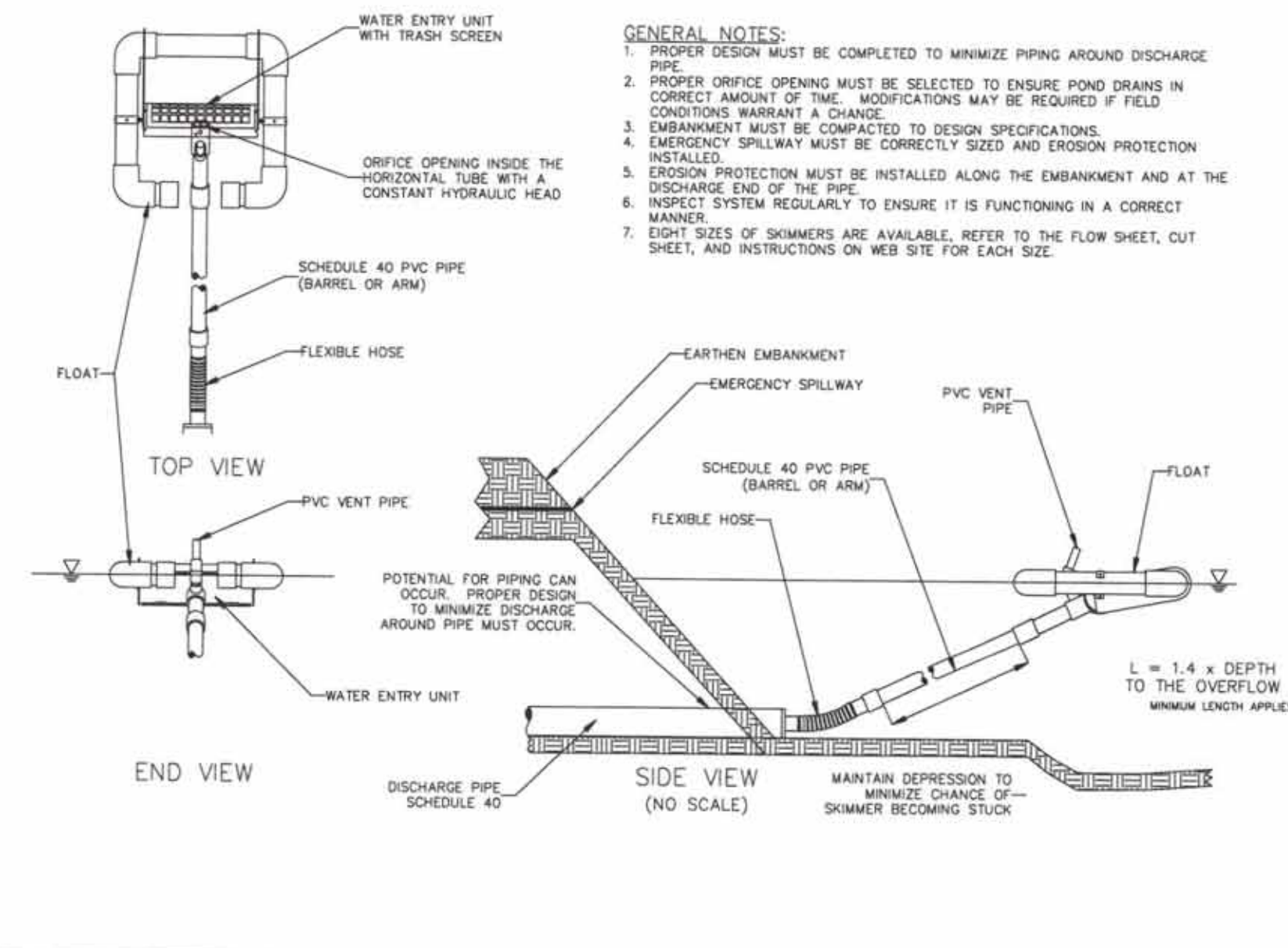
SEEDING SCHEDULE



STONE CONSTRUCTION ENTRANCE



SILT FENCE AND OUTLET



SKIMMER DETAIL

REFER TO THE TOWN OF BEAUFORT MANUAL FOR ADDITIONAL DETAILS

SITE & EROSION CONTROL DETAILS
PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC
DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093
DRAWN: CMC
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THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES
151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
APPROVED: CMC
(252) 773-0090 LICENSE NO. C-4482
DATE: 7/7/21
SCALE: NTS
CHARLES M. CULLIPHER P.E.

5" 4,000 PSI CONCRETE

5" COMPACTED ABC STONE

COMPACTED SUBGRADE 98% MODIFIED PROCTOR

Slope surface shall be smooth before placement for proper soil contact.

Stapling pattern as per manufacturers recommendations.

Min. 2" overlap

If there is a berm at the top of slope, anchor upslope of the berm.

Anchor in 6"x6" min. trench and staple at 12" intervals.

Min. 6" overlap

Staple overlaps max. 5" spacing

Bring material down to a level area, turn the end under 4" and staple at 12" intervals.

Do not stretch blankets/matting tight—allow the rolls to conform to any irregularities.

For slopes less than 3H:1V, rolls may be placed in horizontal strips.

Line, fertilize, and seed before installation. Planting of shrubs, trees, etc. should occur after installation.

USE ROLLED JUTE NET FOR SLOPE REINFORCEMENT

Diagram illustrating the cross-section of a landfill liner system. The diagram shows a cross-section of a landfill with a central pile of compacted soil. The soil pile has a width of 2' MIN. The base of the landfill is covered by a liner system consisting of a 18' MIN wide layer of compacted soil, a 3' MIN wide layer of jute net, and another 18' MIN wide layer of compacted soil. The total width of the liner system is 39' MIN. The slope of the landfill is 3:1. The flow direction is indicated by an arrow pointing to the right, labeled 'FLOW'. The overall width of the landfill is 6' TYPICAL.

INSTALL SILT FENCING AROUND ALL DROP INLETS SPACE 6' O.C.

NEENAH TYPE R-4826 FRAME AND GRATE

HEIGHT VARIES: SEE PLAN

1' MIN.

SEE PLAN FOR PIPE DIMENSIONS

Diagram of the Insulated Enclosure showing dimensions and features:

- INSULATED ENCLOSURE
- VARIES 45" TO 74"
- VARIES 67" TO 157"
- VARIES 24" TO 40"
- INSIDE
- DRAIN PORT (BOTH ENDS)

Diagram of the Insulated Enclosure showing dimensions and features:

- INSULATED ENCLOSURE** (Label on the top surface)
- DRAIN PORT (BOTH ENDS)** (Label pointing to the front and rear ports)
- VARIES 9" TO 12" WIDE** (Dimension for the front base)
- VARIES 26" TO 46" INSIDE** (Dimension for the interior length)
- VARIES 19" TO 31"** (Dimension for the height)

INSULATED ENCLOSURE

DRAIN PORT (BOTH ENDS)

VARIES 33" TO 68" INSIDE

VARIES 13" TO 21" INSIDE

VARIES 8" TO 24" INSIDE

SECTION A-A
PIPE OUTLET WITH DITCH

H= RIP RAP TO TOP OF PIPE (MAX. H = D + T)
T= 15" CLASS I RIP RAP, UNLESS OTHERWISE SHOWN ON PLANS
T= 12" CLASS B' RIP RAP, UNLESS OTHERWISE SHOWN ON PLANS

NOTE: WHERE WALL IS MORE THAN 30" ABOVE FINISHED GRADE, THE WALL SHALL HAVE APPROVED HANDRAILS IN ACCORDANCE WITH THE NC BUILDING CODE.

8"

EL VARIES

14" CEMENT MORTAR
CAP OR OTHER AS DESIRED

BOND BEAM 2-#5 BARS

2 1/2" EL VARIES

JOINT REINFORCEMENT
(NOTE 2)

8" MASONRY
BLOCK

#4 V-BARS @ 16" O.C.

30" ABOVE
GRADE. THE
HAVE APPROVED
IN ACCORDANCE
C BUILDING CODE.

EL VARIES

1'-2"

2 1/2"

#4 X-BARS @ 30" O.C.

#4 DOWELS @ 30" O.C.
(NOTE 1)

3'-8"

10"

1. CHECK DAMS MAY BE USED IN SLOPING DITCHES OR CHANNELS TO SLOW VELOCITY OR TO CREATE SEDIMENT TRAPS.
2. ENSURE THAT MAXIMUM SPACING BETWEEN DAMS PLACES THE TOE OF THE UPSTREAM DAM AT THE SAME ELEVATION AS THE DOWNSTREAM DAM (SEE DIAGRAM BELOW).

TOE OF THE UPSTREAM DAM AT THE SAME ELEVATION
DOWNSTREAM DAM (SEE DIAGRAM BELOW).

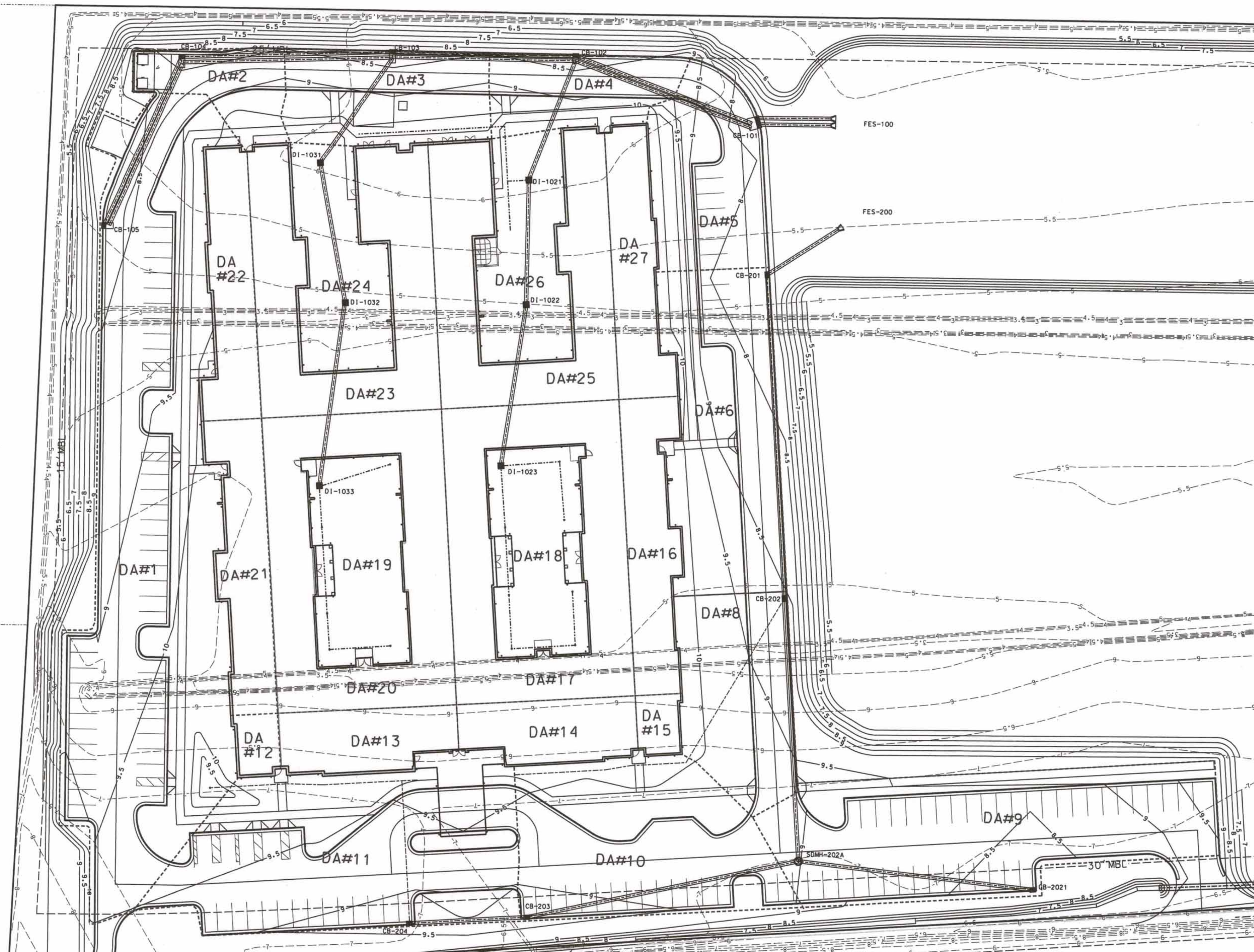
A AND B ARE AT EQUAL ELEVATIONS

PLAN

NO.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING
1	CMC	12/20/21	D.DJ COMMENTS

MISCELLANEOUS DETAILS PRUITTHEALTH CRYSTAL COAST 2415 HIGHWAY 70 BEAUFORT TWPSP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093 PHONE: 678-533-6770	DESIGNED: CMC DRAWN: CMC CHECKED: CMC APPROVED: CMC DATE: 7/7/21 SCALE: NTS
THE CULLIPHER GROUP P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MOREHEAD CITY, N.C. 28557 (252) 773-0090 LICENSE NO. C-4482 CHARLES M. CULLIPHER P.E.	

N/F ROBERT LEWIS
D.B. 1586 PG. 77
NCPIN 73170313577000
CARTERET COUNTY ZONING: R-15M



----- POND/STORM DELINEATION
 - - - - - 8" HDPE (TIE ROOF DRAINS)
 ===== STORM PIPE

REVISIONS:			
No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

DRAINAGE AREA DELINEATION MAP

PRUITTHEALTH CRYSTAL COAST

2415 HIGHWAY 70
BEAUFORT TWSP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CM
ADDRESS: 1626 JEURGENSE COURT NORCROSS, GA 30093	DRAWN: CM
PHONE: 678-533-6770	CHECKED:

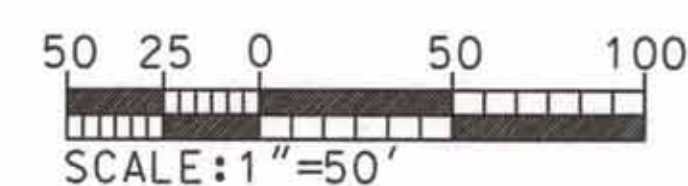
 THE CULLIPHER GROUP, P.A. ENGINEERING & SURVEYING SERVICES 1011 UNIVERSITY BLVD. SUITE 100 ALBUQUERQUE, NM 87102 (505) 263-1111	CM
	APPROVED: CM

151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090 LICENSE NO. C-4482

DATE: 7/7/21

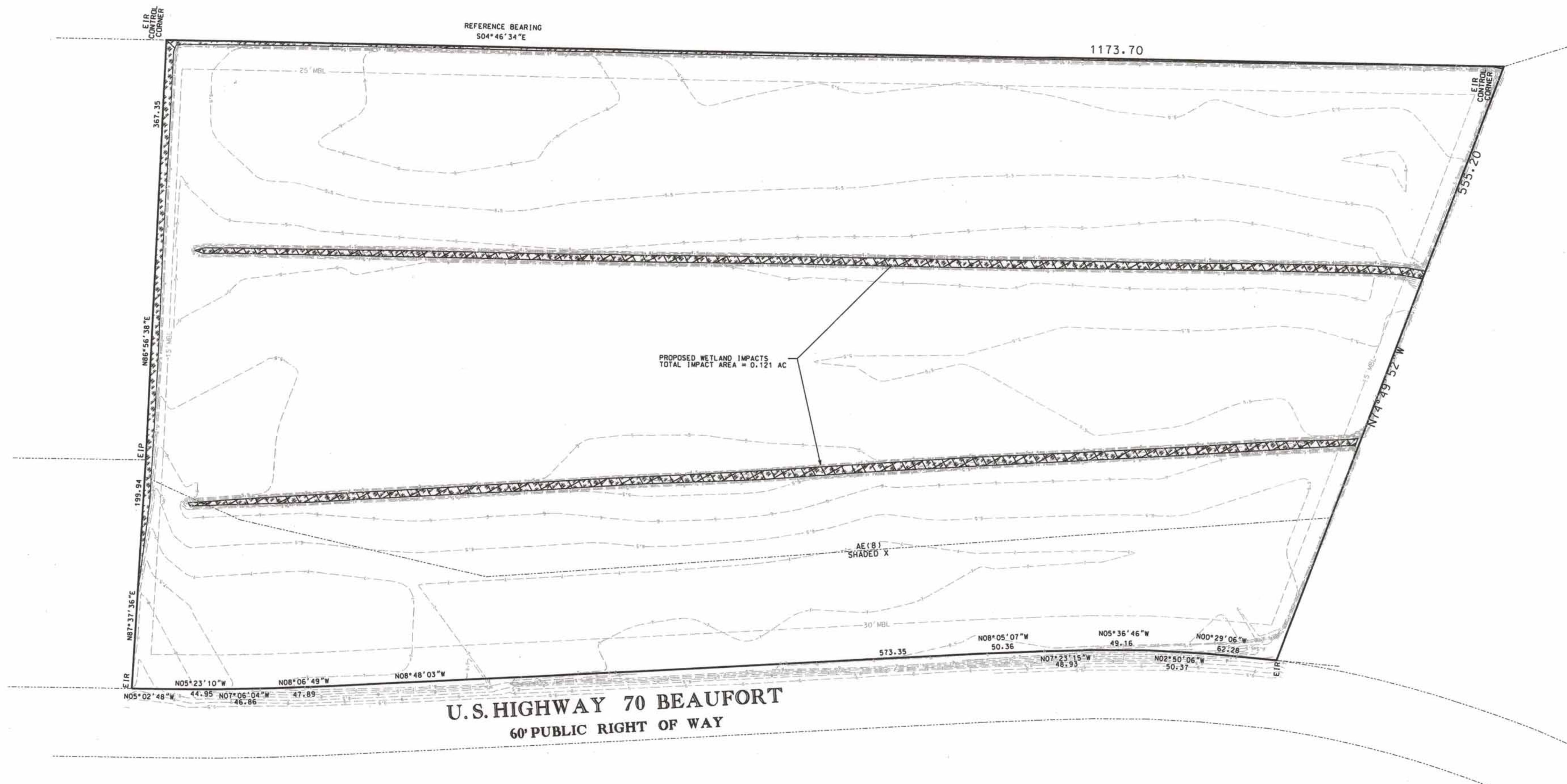
CHARLES M. CULLIPHER P.E. SCALE: 1" = 50'

U.S. HIGHWAY 70 BEAUFORT
60' PUBLIC RIGHT OF WAY



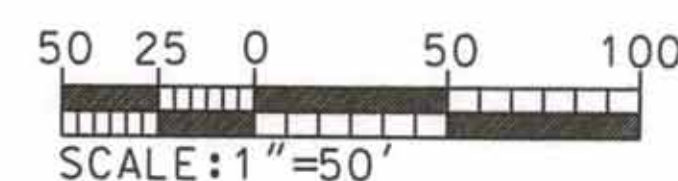
SHEET #: 16 OF 23
PROJECT #: PM2606'-002
DESIGN FILE: Construction Drawings.dgn





LEGEND	
	EXISTING WETLANDS
	PROPOSED WETLAND IMPACTS
	EXISTING CONTOURS

REVISIONS:			
NO.	BY	DATE	DESCRIPTION
1	CMC	10/6/21	VALUE ENGINEERING



WETLAND IMPACT MAP	
PRUITTHEALTH CRYSTAL COAST 2415 HIGHWAY 70 BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMC
PHONE: 678-533-6770	CHECKED: CMC
THE CULLIPHER GROUP, P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MOREHEAD CITY, N.C. 28557 (252) 778-0090 LICENSE NO. C-4482	APPROVED: CMC
CHARLES M. CULLIPHER P.E.	DATE: 7/7/21
	SCALE: 1" = 50'

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
- Temporary grass seed covered with straw or other mulches and tackifiers - Hydroseeding - Roller erosion control products with or without temporary grass seed - Appropriately applied straw or other mulch - Plastic sheeting	- Permanent grass seed covered with straw or other mulches and tackifiers - Geotextile fabrics such as permanent soil reinforcement matting - Hydroseeding - Shrubs or other permanent plantings covered with mulch - Uniform and evenly distributed ground cover sufficient to restrain erosion - Structural methods such as concrete, asphalt or retaining walls - Roller erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

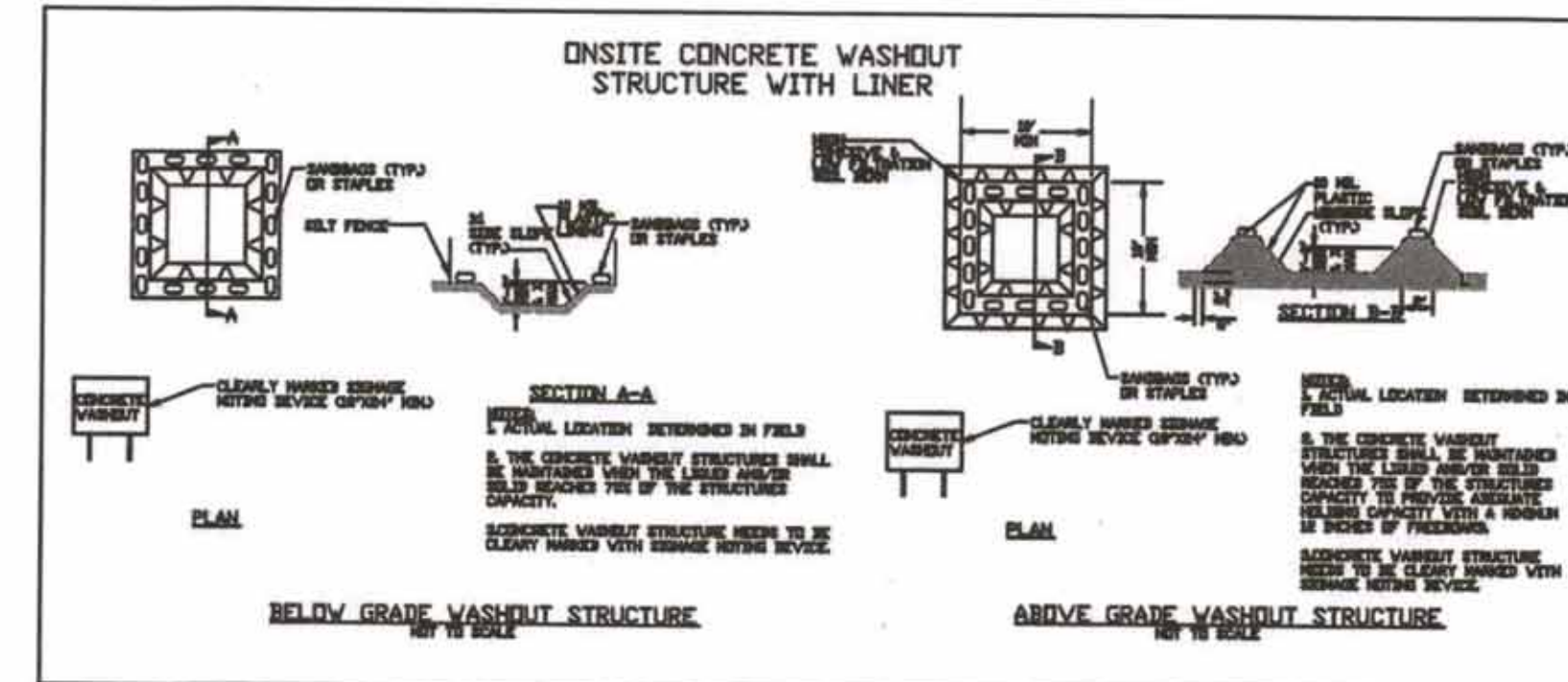
- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NORTH CAROLINA
Environmental Quality



CONCRETE WASHOUTS

- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

REVISIONS:

NO.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

GROUND STABILIZATION

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC
DESIGNED: CMC

ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093
DRAWN: CMC

PHONE: 678-533-6770
CHECKED: CMC

THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES
APPROVED: CMC

151A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
DATE: 7/7/21

(252) 773-0090 LICENSE NO. C-4482
SCALE: 1" = 50'

CHARLES M. CULLIPHER P.E.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those unattended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be documented in the manner described:

Item to Document	Documentation Requirements
(a) Each E&SC Measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC Plan.	Initial and date each E&SC Measure on a copy of the approved E&SC Plan or complete, date and sign an inspection report that lists each E&SC Measure shown on the approved E&SC Plan. This documentation is required upon the initial installation of the E&SC Measures or if the E&SC Measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC Plan.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC Measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC Measures.	Initial and date a copy of the approved E&SC Plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation

In addition to the E&SC Plan documents above, the following items shall be kept on the site and available for agency inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This general permit as well as the certificate of coverage, after it is received.
- Records of inspections made during the previous 30 days. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.
- All data used to complete the Notice of Intent and older inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that must be reported

- Permittees shall report the following occurrences:
- Visible sediment deposition in a stream or wetland.
 - Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).

- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
- Anticipated bypasses and unanticipated bypasses.
- Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Division's Emergency Response personnel at (800) 662-7956, (800) 858-0368 or (919) 733-3300.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	- Within 24 hours, an oral or electronic notification. - Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. - If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	Within 24 hours, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	- Within 24 hours, an oral or electronic notification. - Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment [40 CFR 122.41(l)(7)]	- Within 24 hours, an oral or electronic notification. - Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6). - Division staff may waive the requirement for a written report on a case-by-case basis.

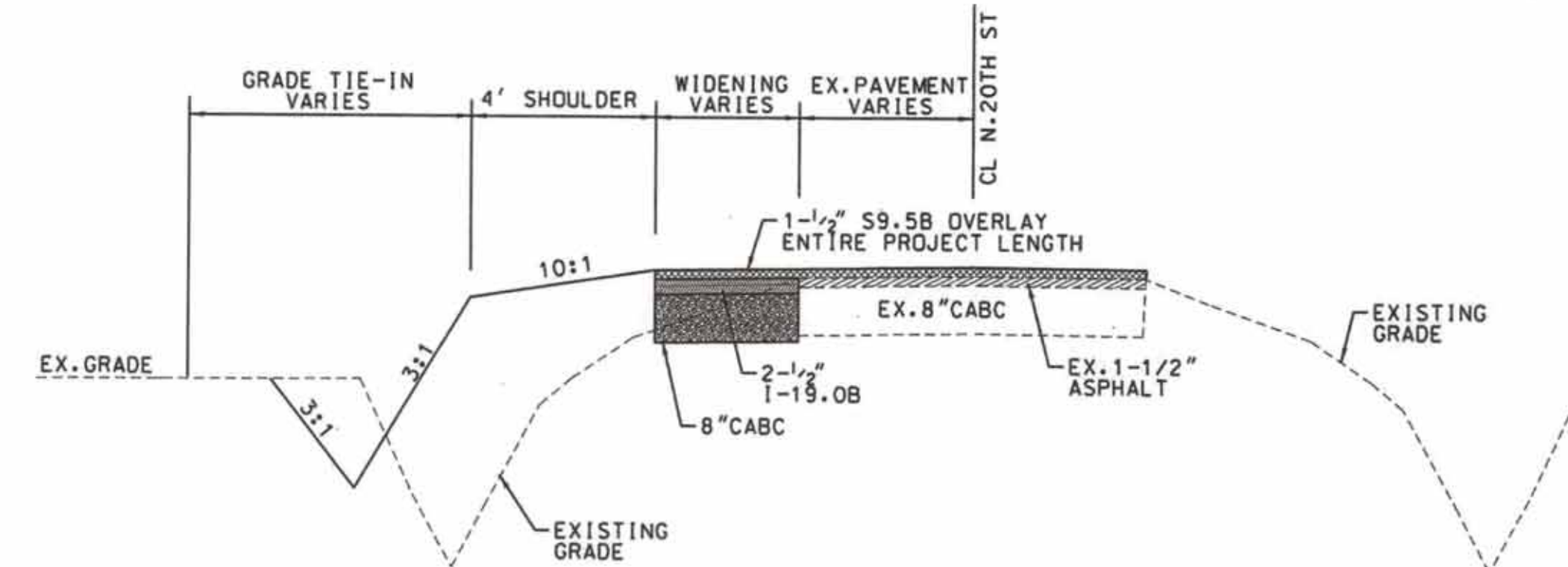
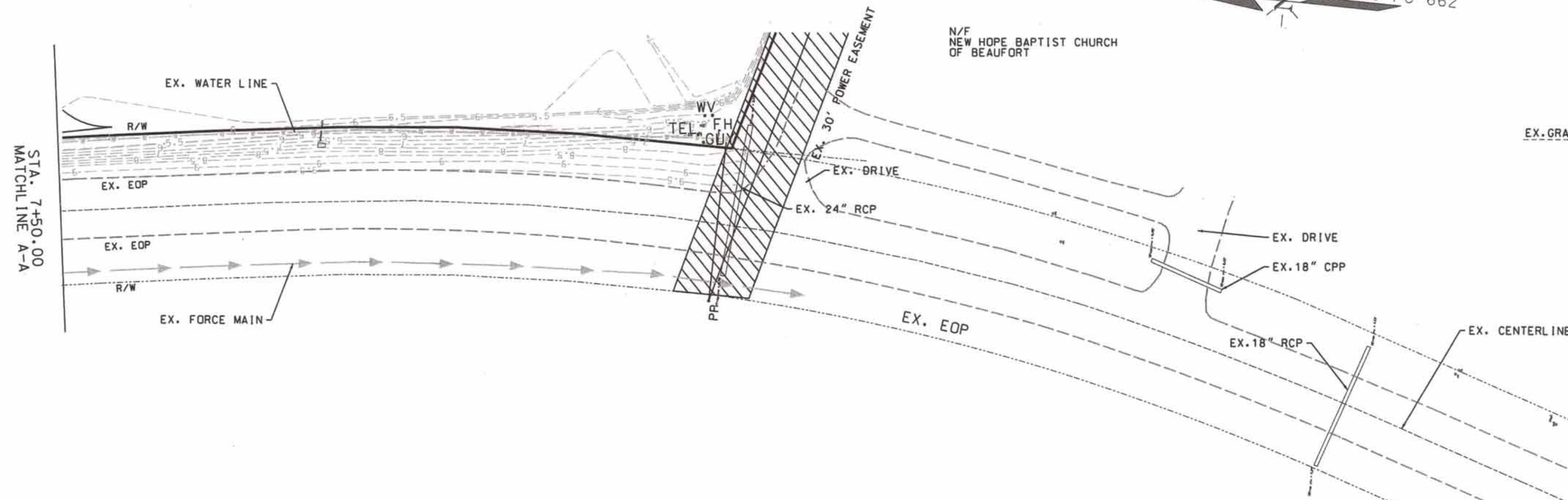


NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19



SELF-INSPECTION, RECORDKEEPING, AND REPORTING	
PRUITTHEALTH CRYSTAL COAST	
2415 HIGHWAY 70	
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT	DRAWN: CMC
NORCROSS, GA 30093	CHECKED: CMC
PHONE: 678-533-6770	APPROVED: CMC
THE CULLIPHER GROUP, P.A.	
ENGINEERING & SURVEYING SERVICES	
151A HIGHWAY 24	
MOREHEAD CITY, N.C. 28557	
(252) 775-0080 LICENSE NO. C-4482	
DATE: 7/7/21	SCALE: 1" = 50'
CHARLES M. CULLIPHER P.E.	

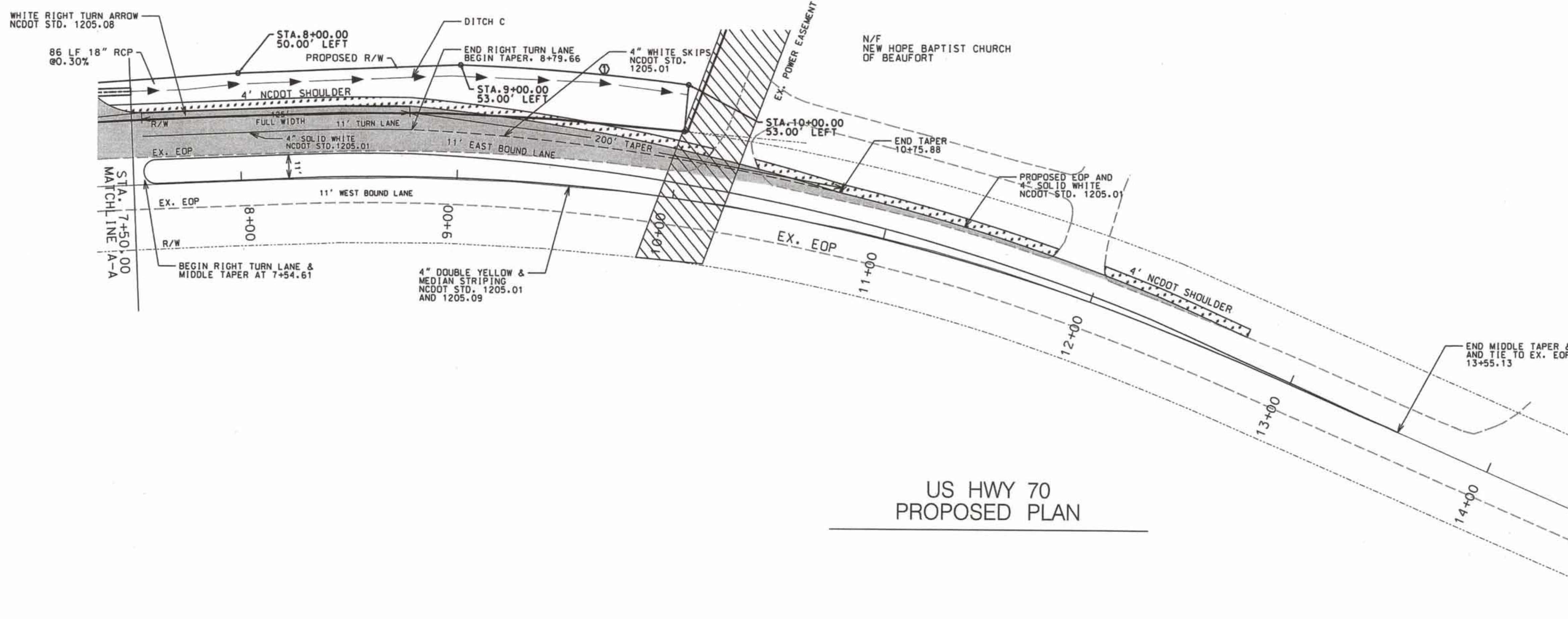


LANE WIDENING CROSS SECTION

SCALE: NOT TO SCALE

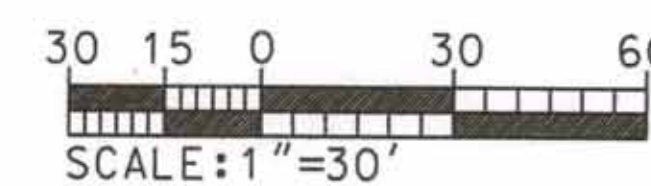
RIGHT-OF-WAY CURVE DATA	
CHORD DIRECTION	= N85°31'12"W
CHORD LENGTH	= 106.19'
LENGTH	= 106.23'
RADIUS	= 1,130.46'

US HWY 70 EXISTING CONDITIONS PLAN



LEGEND	
AC - ACRE	LF - LINEAR FEET
BLOG - BUILDING	MAX - MAXIMUM
BRG - BEARING	MBL - MINIMUM BUILDING LINE
CB - CATCH BASIN	MH - MANHOLE
CF - CUBIC FEET	MIN - MINIMUM
CL - CENTERLINE	N/F - NOW OR FORMERLY
DR - DRIVE	NTS - NOT TO SCALE
DI - DROP INLET	O.C. - ON CENTER
DIP - DUCTILE IRON PIPE	R - RADIUS
EL - ELEVATION	RCP - REINFORCED CONCRETE PIPE
EIR - EX. IRON ROD	R/W - RIGHT-OF-WAY
EOP - EDGE OF PAVEMENT	SDMH - STORMDRAIN MANHOLE
EX - EXISTING	SH - SHEET
FH - FIRE HYDRANT	SIR - SET IRON ROD
FES - FLARED END SECTION	STA - STATION
FF - FINISHED FLOOR	TC - TOP OF CURB
FT - FEET	TSW - TOP OF SIDEWALK
GV - GATE VALVE	TYP - TYPICAL
INV - INVERT	WV - WATER VALVE
LANE WIDENING AREA EX. WATER DITCH CENTERLINE	

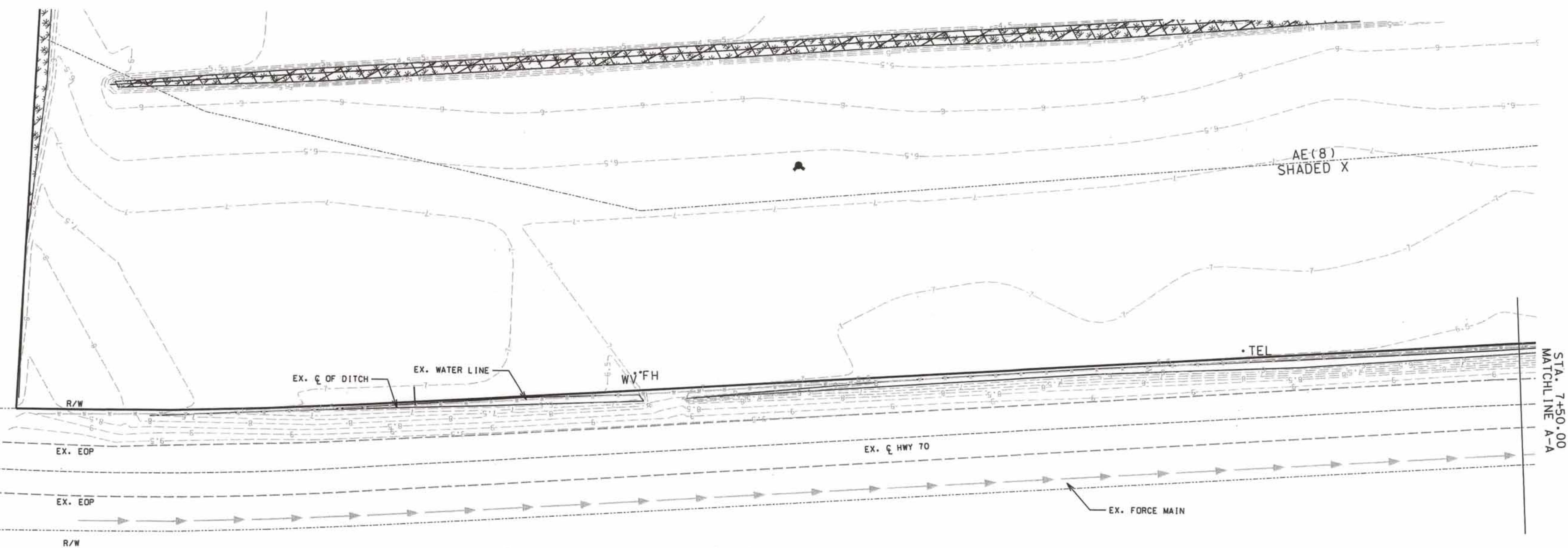
US HWY 70 PROPOSED PLAN



REVISIONS:			
No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

NCDOT TURN LANE 1 PLAN	
PRUITTHEALTH CRYSTAL COAST	
2415 HIGHWAY 70	
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT	DRAWN: CMC
NORCROSS, GA 30093	CHECKED: CMC
PHONE: 678-533-6770	APPROVED: CMC
THE CULLIPHER GROUP P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MOREHEAD CITY, N.C. 28557 (252) 773-0090 LICENSE NO. C-4482 <i>Charles M. Cullipher</i> CHARLES M. CULLIPHER P.E.	
DATE: 7/7/21	SCALE: 1" = 30'

N/F ROBERT LEWIS
D.B. 1586 PG. 77
NCPIN 731703133577000
CARTERET COUNTY ZONING: R-15M



US HWY 70
EXISTING CONDITIONS PLAN

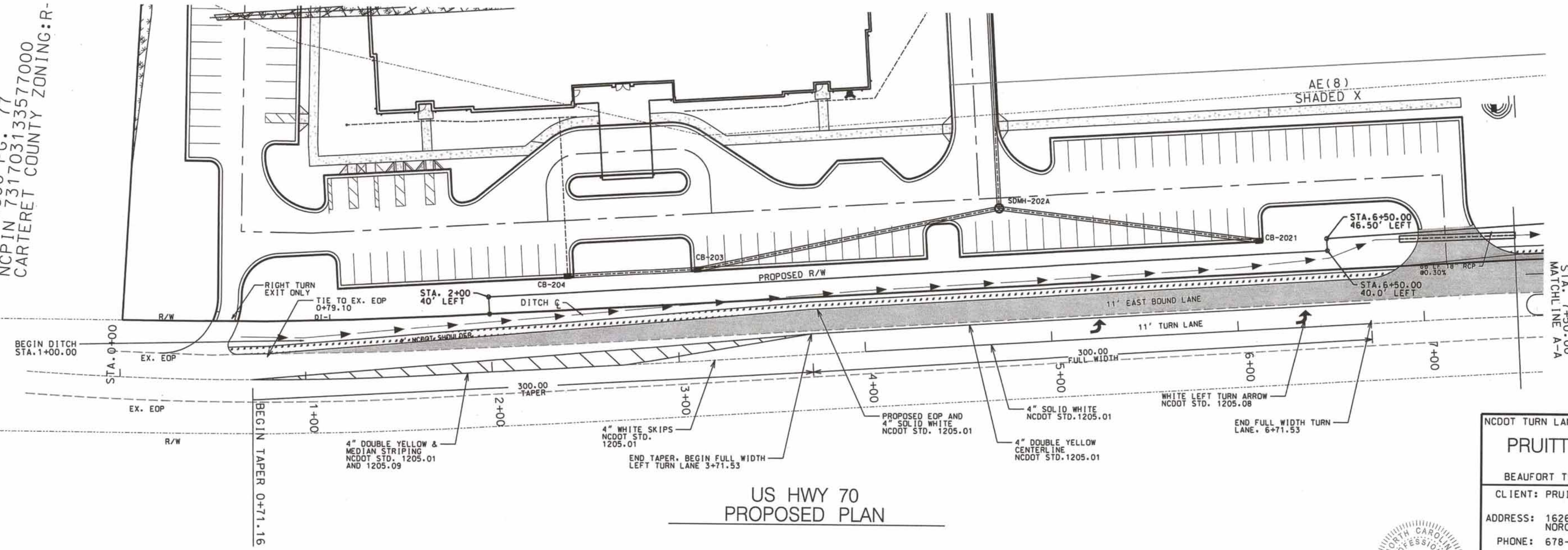
LEGEND

- AC - ACRE
- BLOG - BUILDING
- BRG - BEARING
- CB - CATCH BASIN
- CF - CUBIC FEET
- CL - CENTERLINE
- DR - DRIVE
- DI - DROP INLET
- DIP - DUCTILE IRON PIPE
- EL - ELEVATION
- EIR - EX. IRON ROD
- EOP - EDGE OF PAVEMENT
- EX - EXISTING
- FH - FIRE HYDRANT
- FES - FLARED END SECTION
- FF - FINISHED FLOOR
- FT - FEET
- GV - GATE VALVE
- INV - INVERT
- LF - LINEAR FEET
- MAX - MAXIMUM
- MBL - MINIMUM BUILDING LINE
- MI - MANHOLE
- MIN - MINIMUM
- N/F - NOW OR FORMERLY
- NTS - NOT TO SCALE
- D.C. - ON CENTER
- R - RADIUS
- RCP - REINFORCED CONCRETE PIPE
- R/W - RIGHT-OF-WAY
- SOMH - STORMDRAIN MANHOLE
- SH - SHEET
- SIR - SET IRON ROD
- STA - STATION
- TC - TOP OF CURB
- TSW - TOP OF SIDEWALK
- TYP - TYPICAL
- WV - WATER VALVE

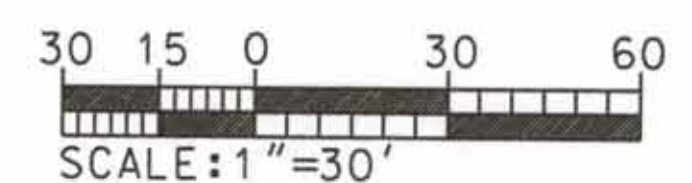
SYMBOLS

- LANE WIDENING AREA
- EX. WATER
- DITCH CENTERLINE

N/F ROBERT LEWIS
D.B. 1586 PG. 77
NCPIN 731703133577000
CARTERET COUNTY ZONING: R-



US HWY 70
PROPOSED PLAN



REVISIONS:

No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

NCDOT TURN LANE 2 PLAN

PRUITTHEALTH CRYSTAL COAST
2415 HIGHWAY 70
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA

CLIENT: PRUITT PROPERTIES, INC

ADDRESS: 1626 JEURGENS COURT
NORCROSS, GA 30093

PHONE: 678-533-6770

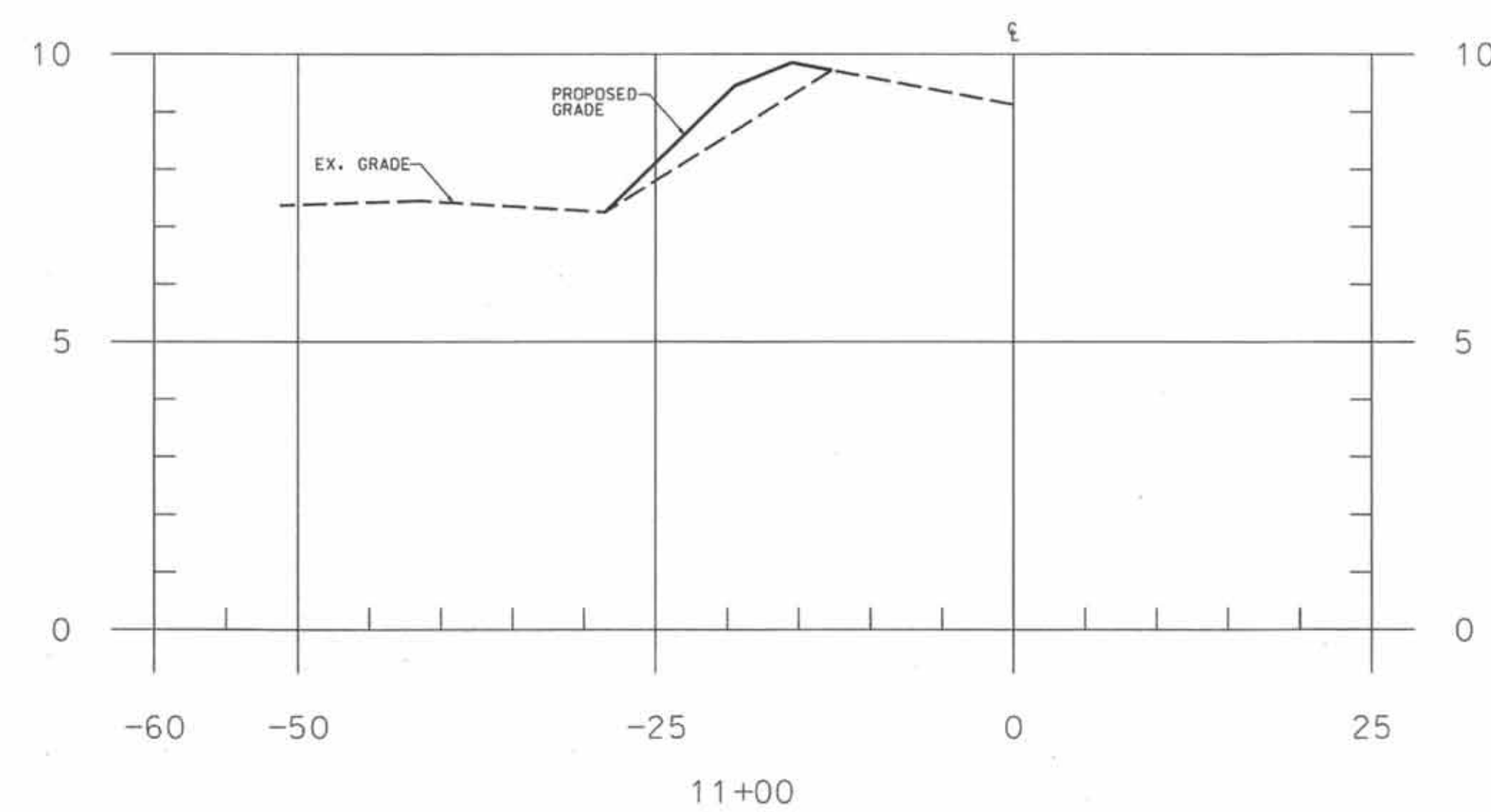
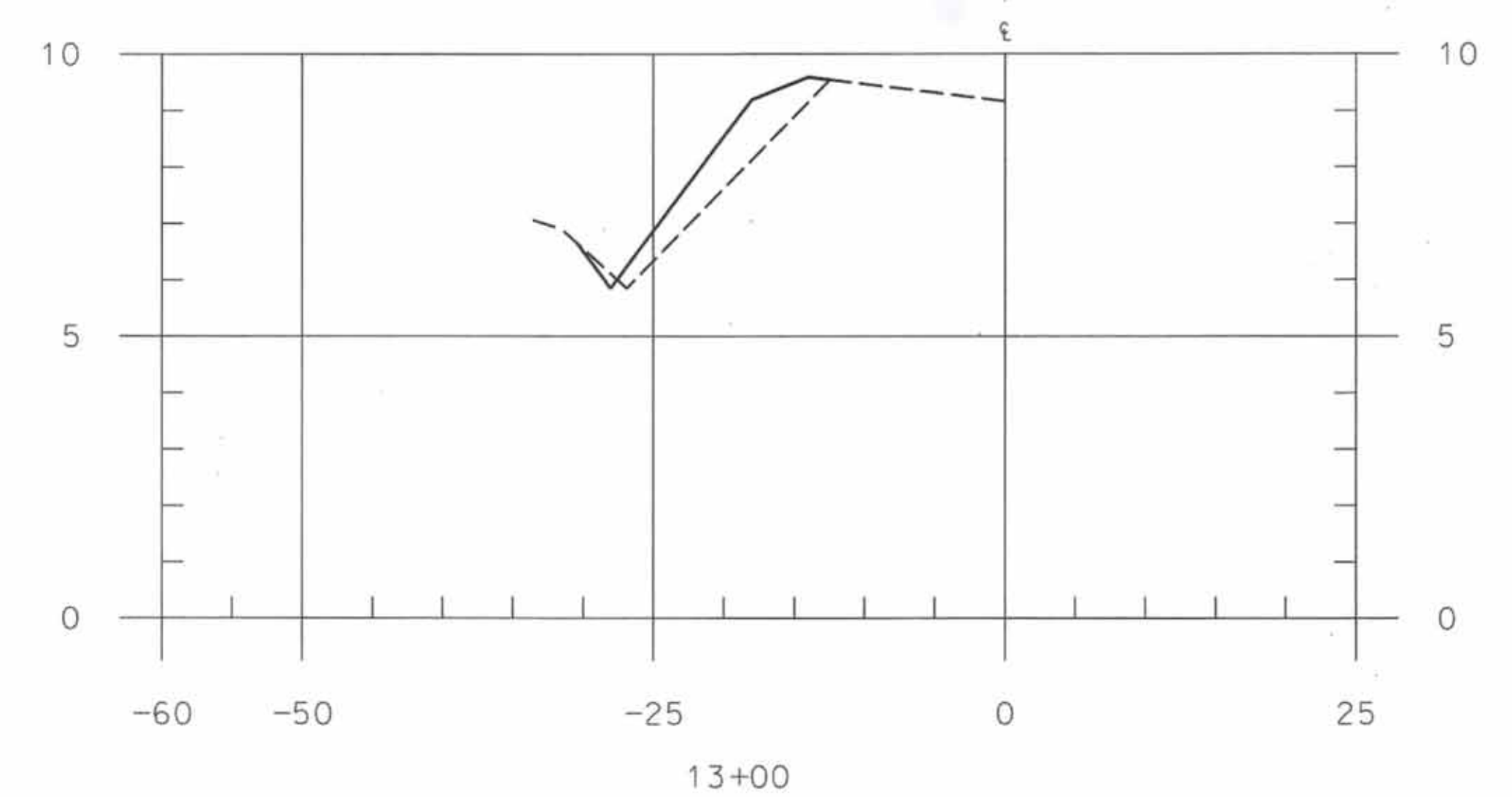
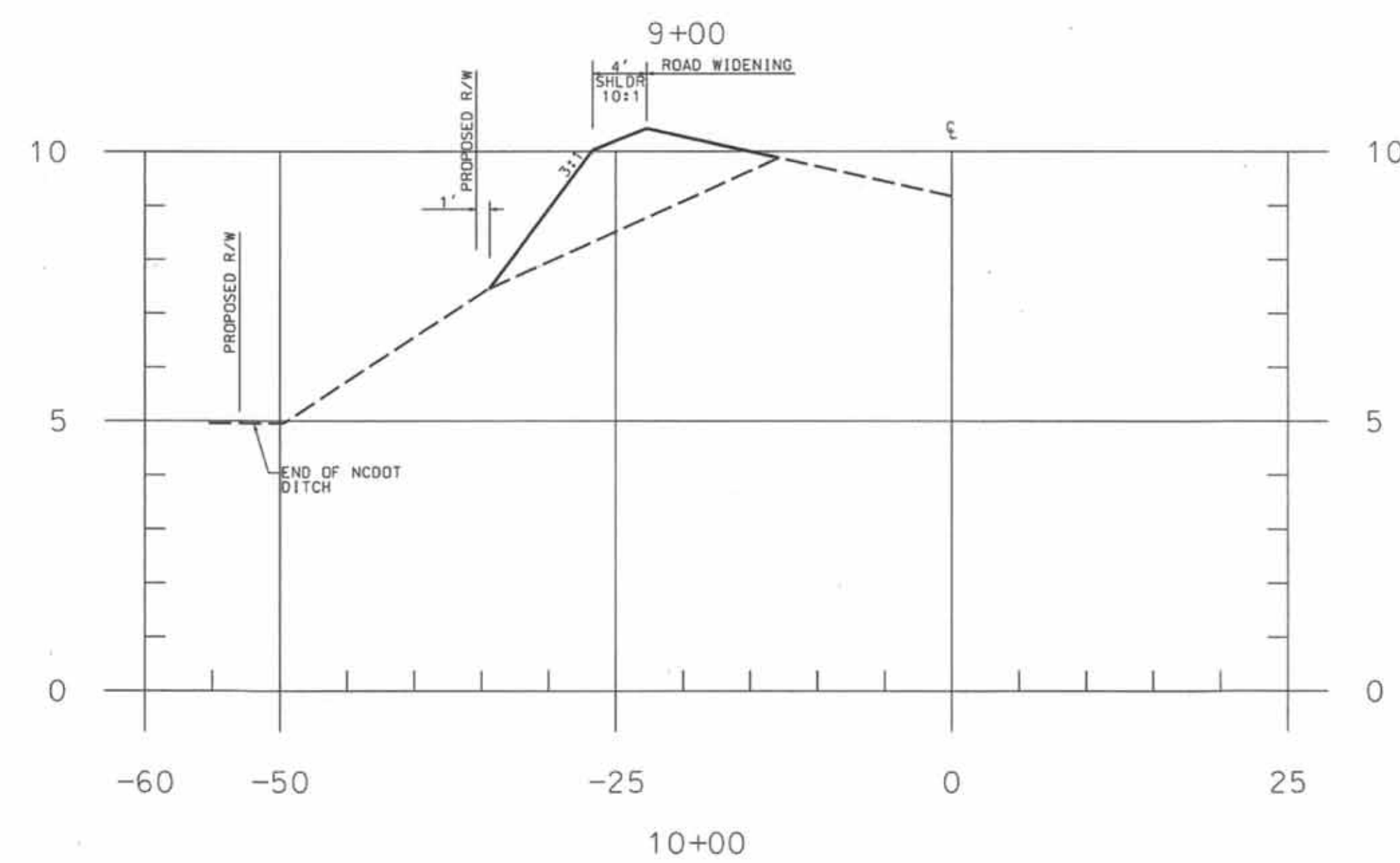
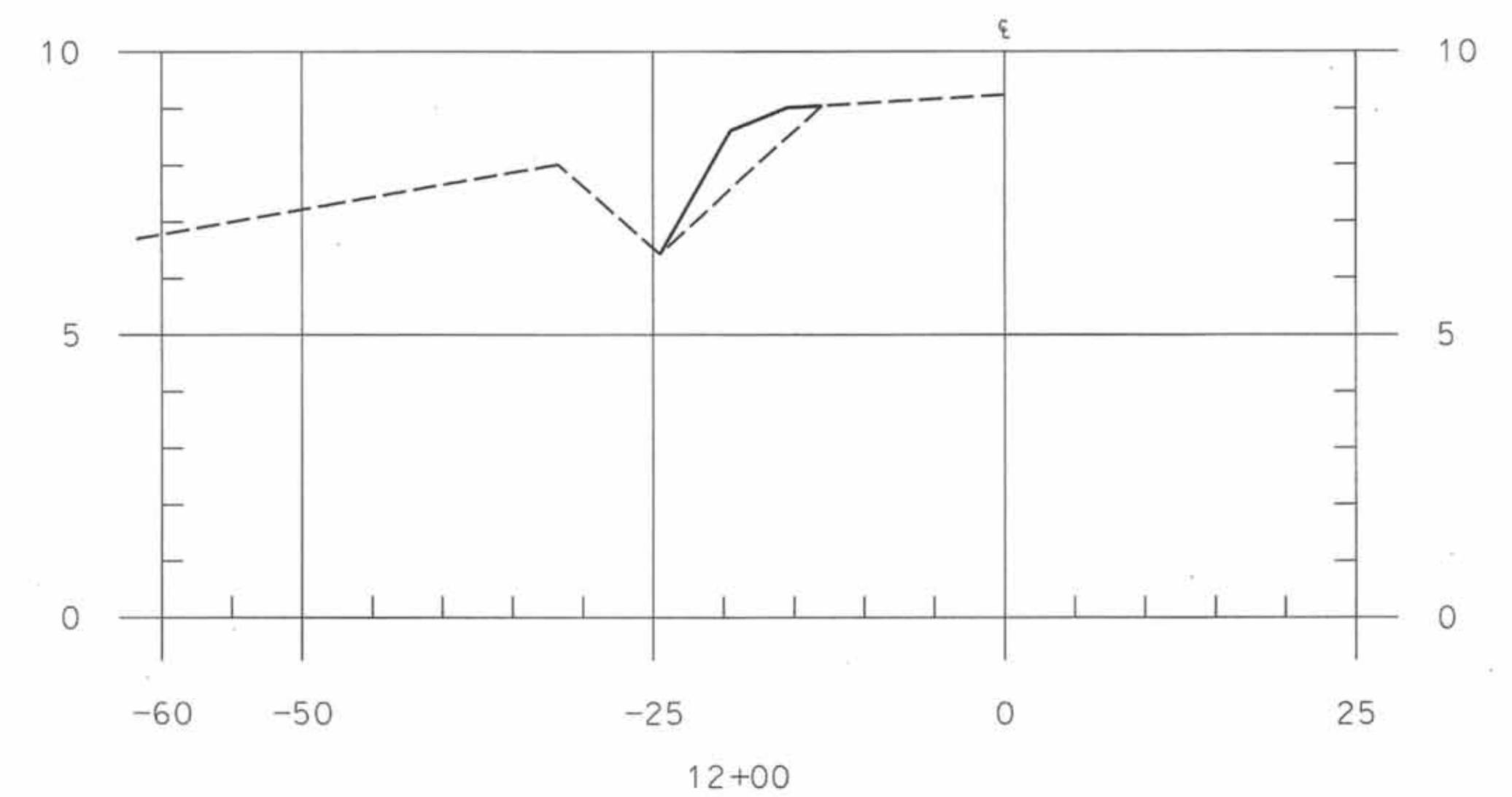
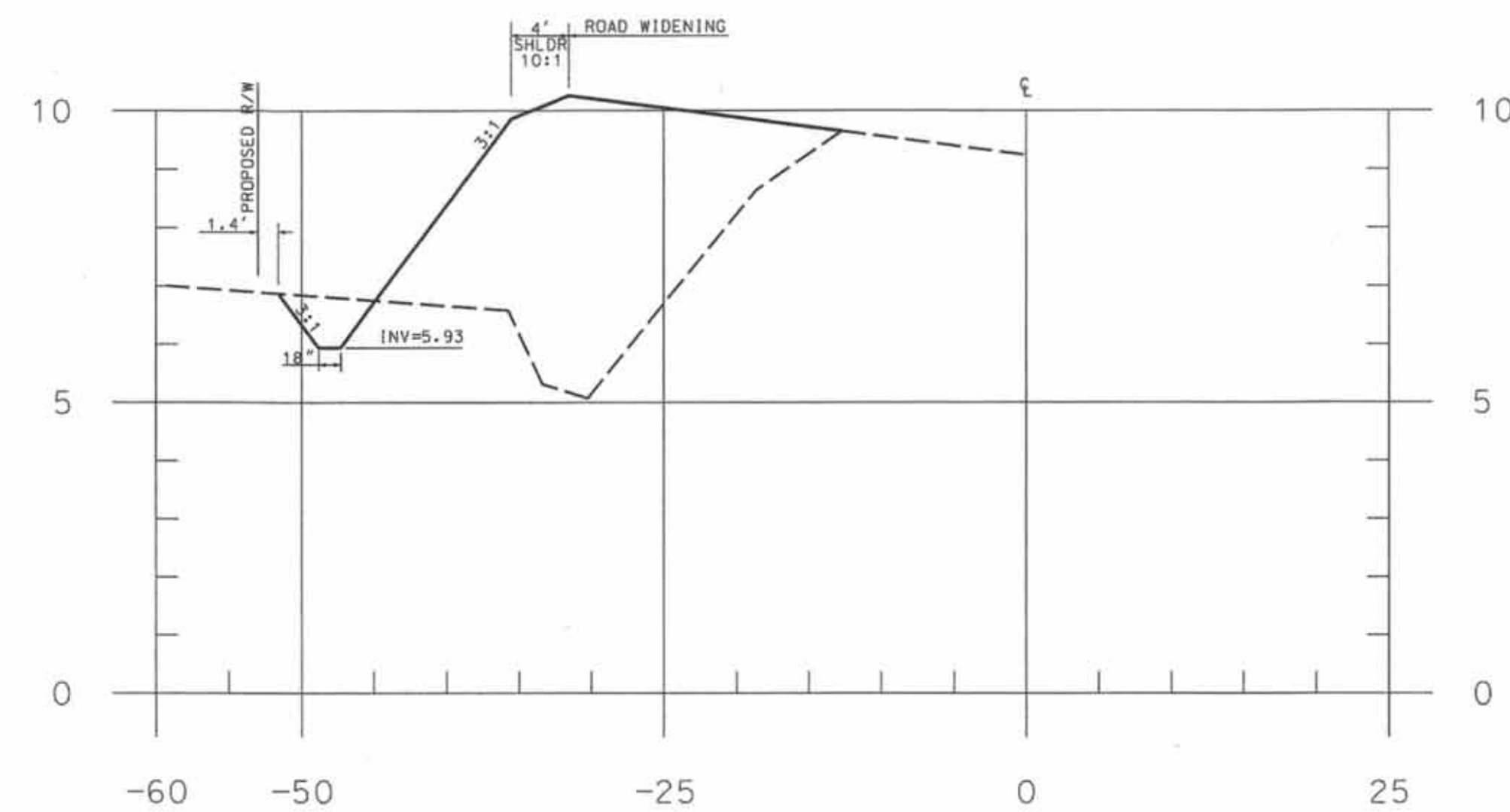
DESIGNED: CMC
DRAWN: CMC
CHECKED: CMC
APPROVED: CMC

THE CULLIPHER GROUP P.A.
ENGINEERING & SURVEYING SERVICES
161A HIGHWAY 24
MOREHEAD CITY, N.C. 28557
(252) 773-0090
LICENSE NO. C-4482

DATE: 7/7/21
SCALE: 1" = 30'

CHARLES M. CULLIPHER P.E.



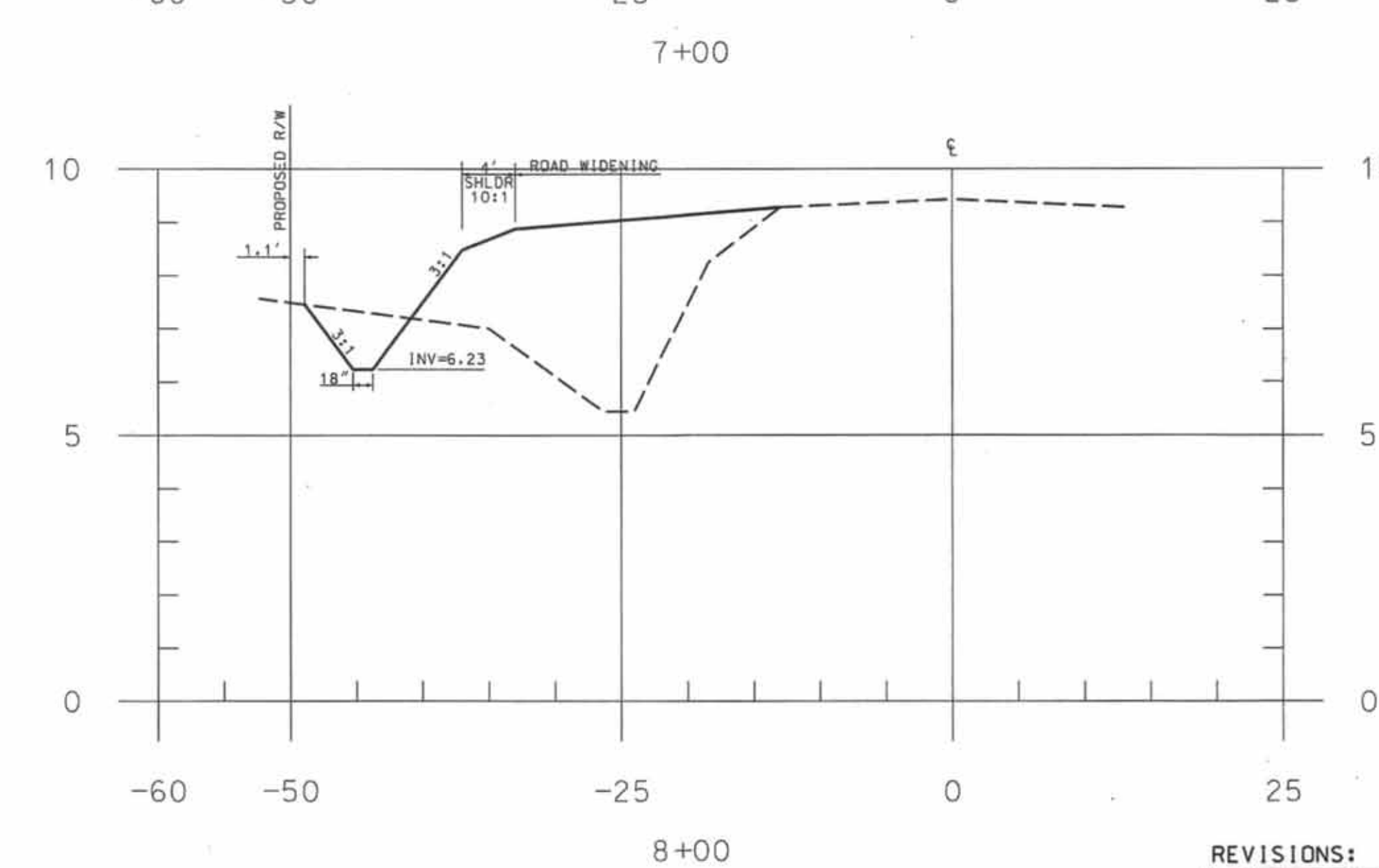
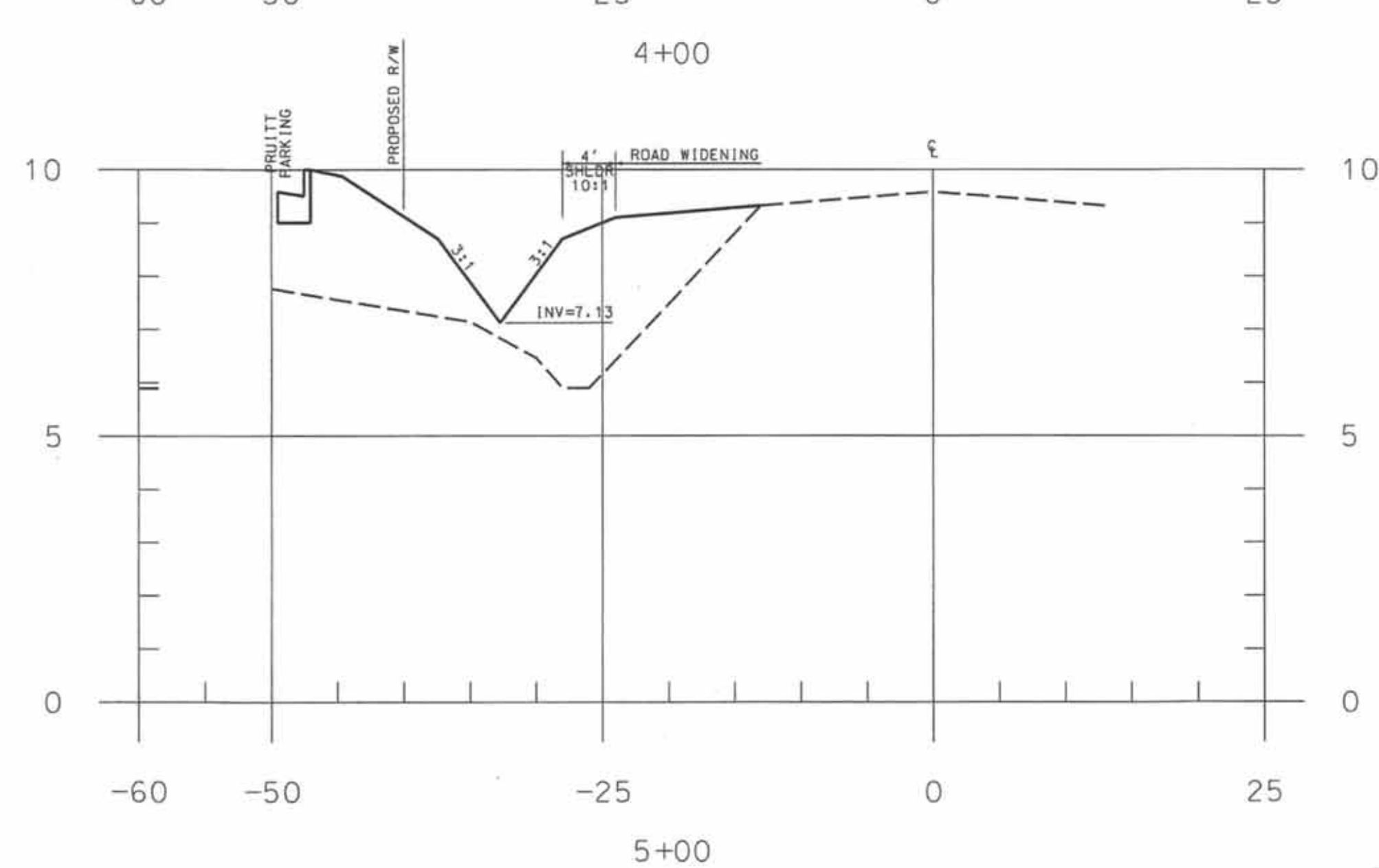
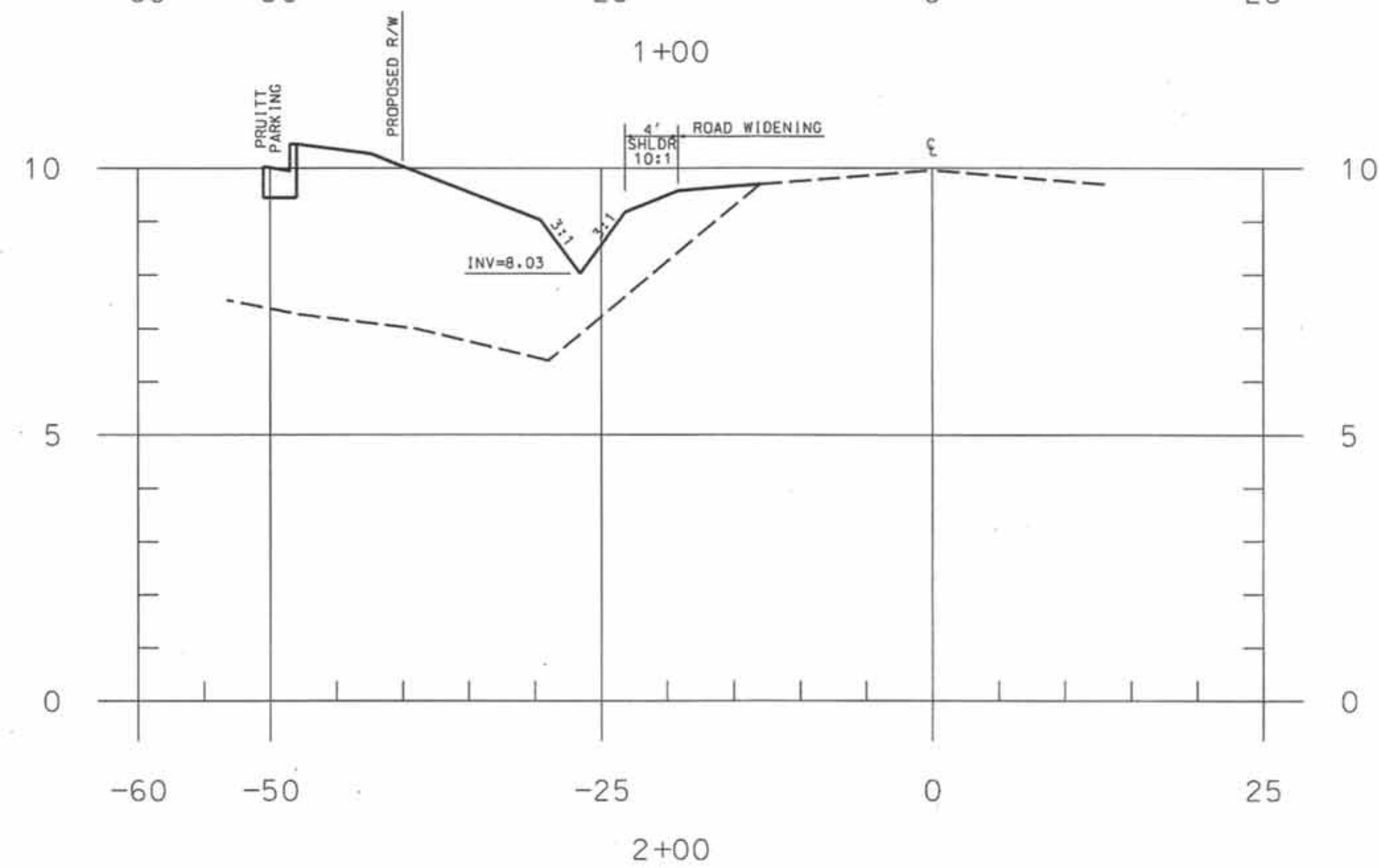
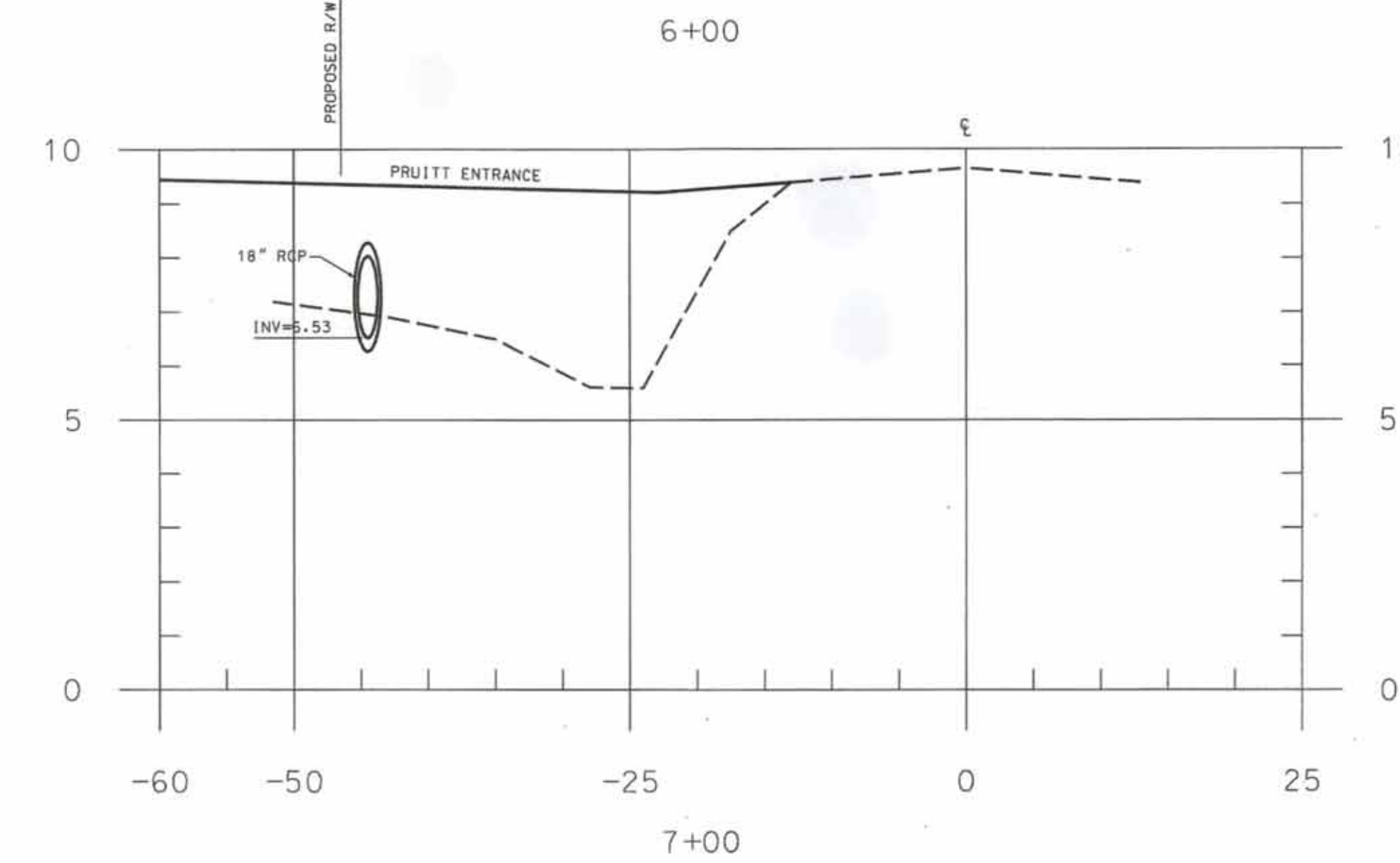
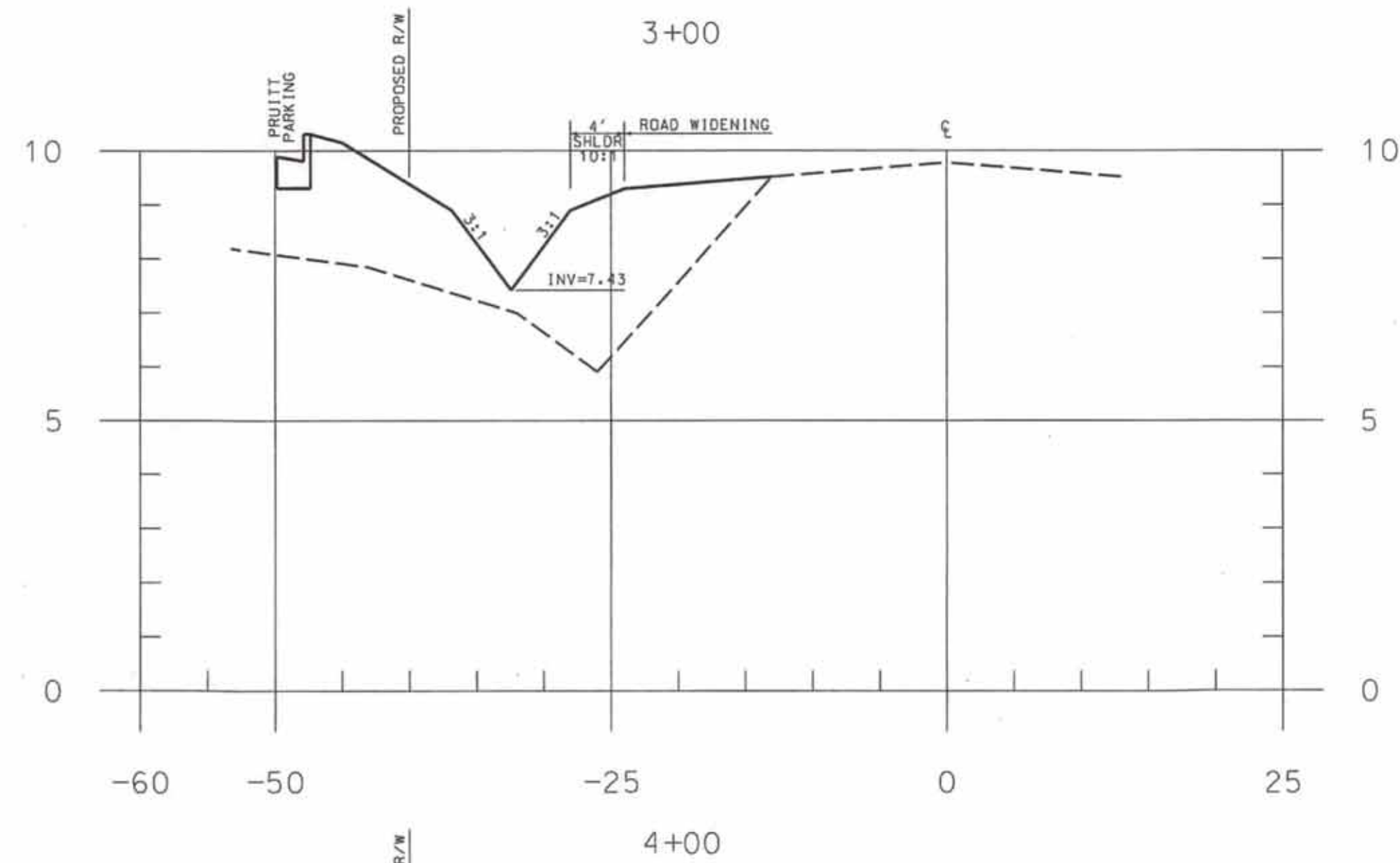
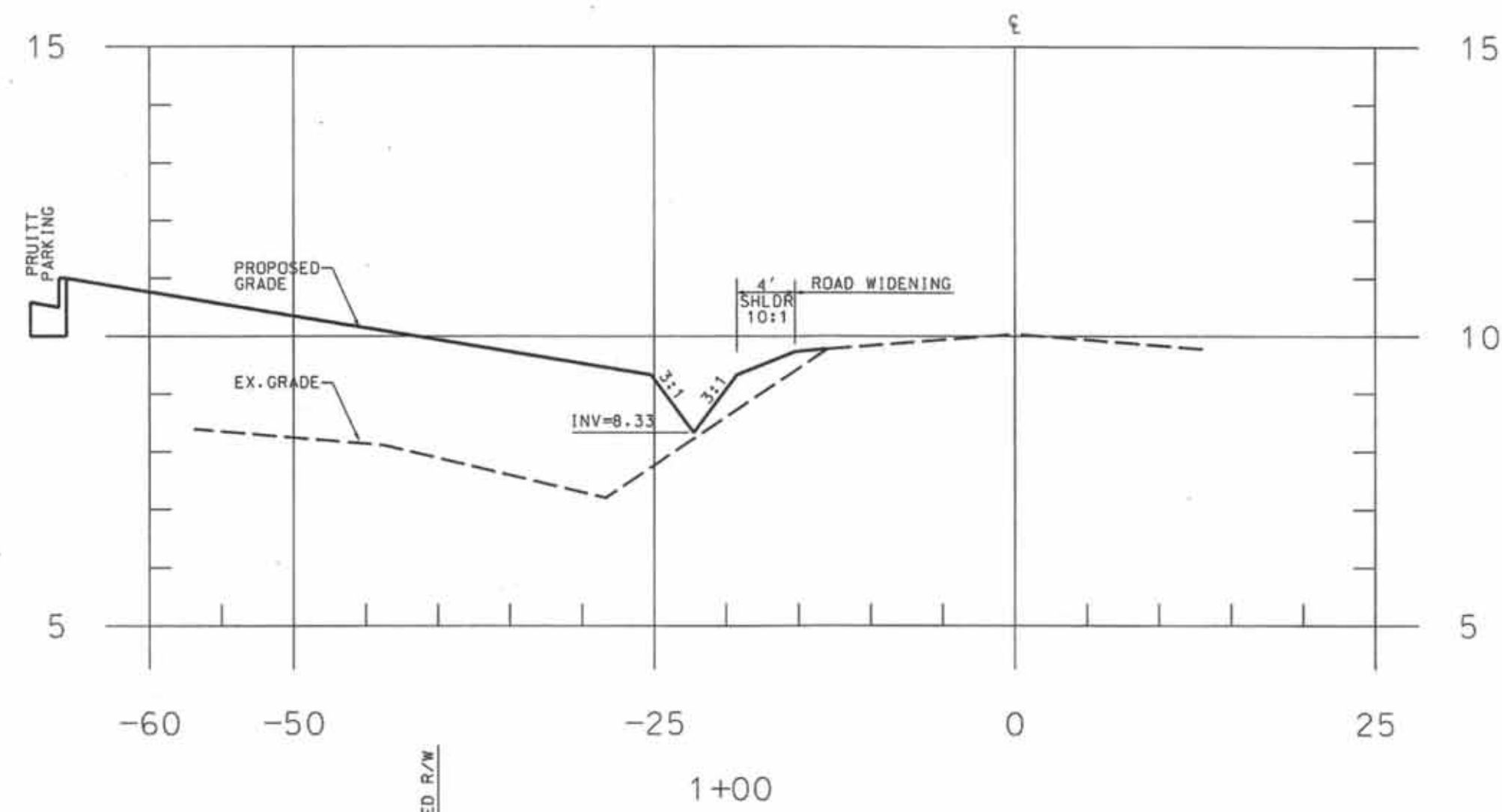
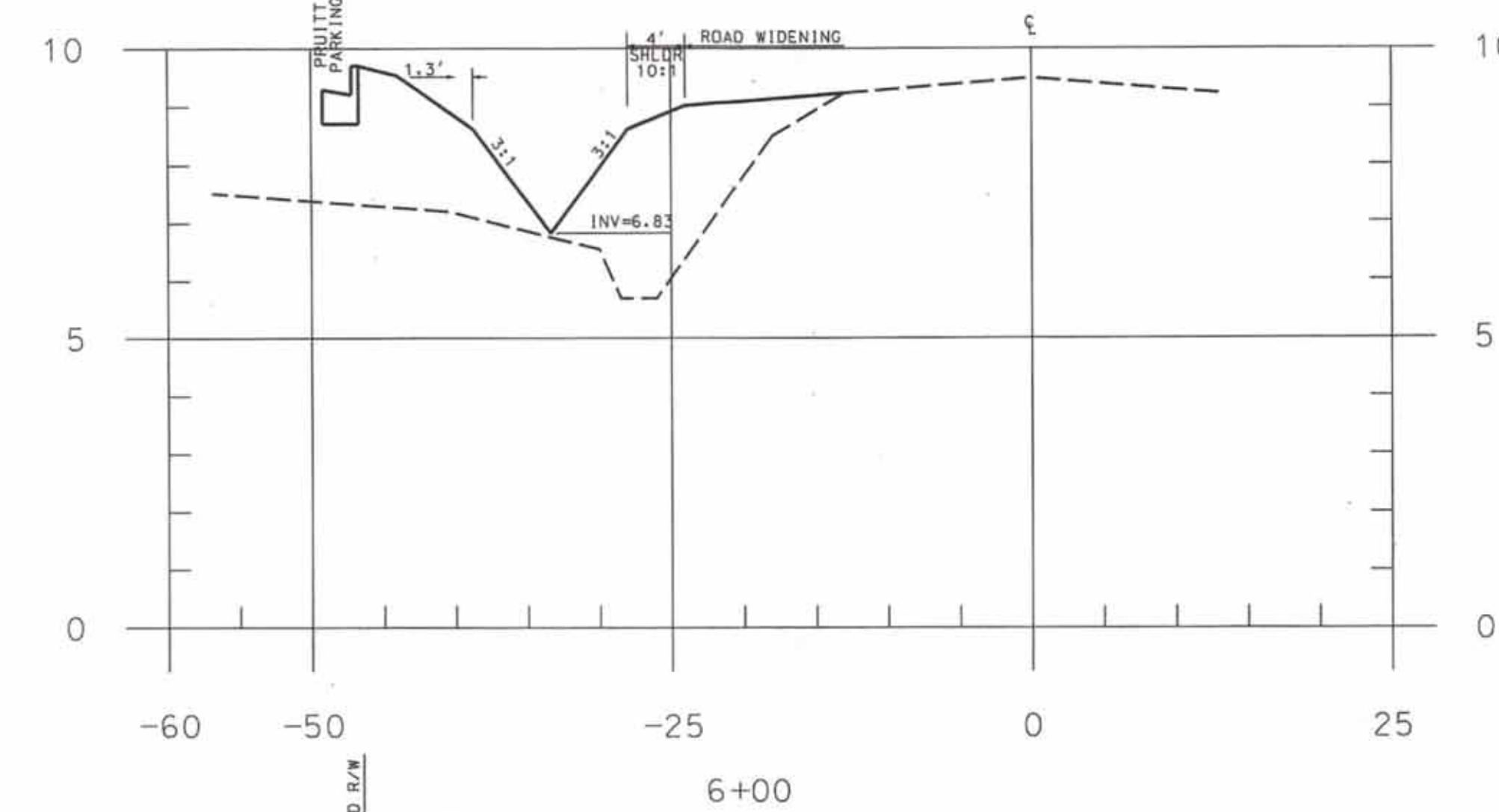
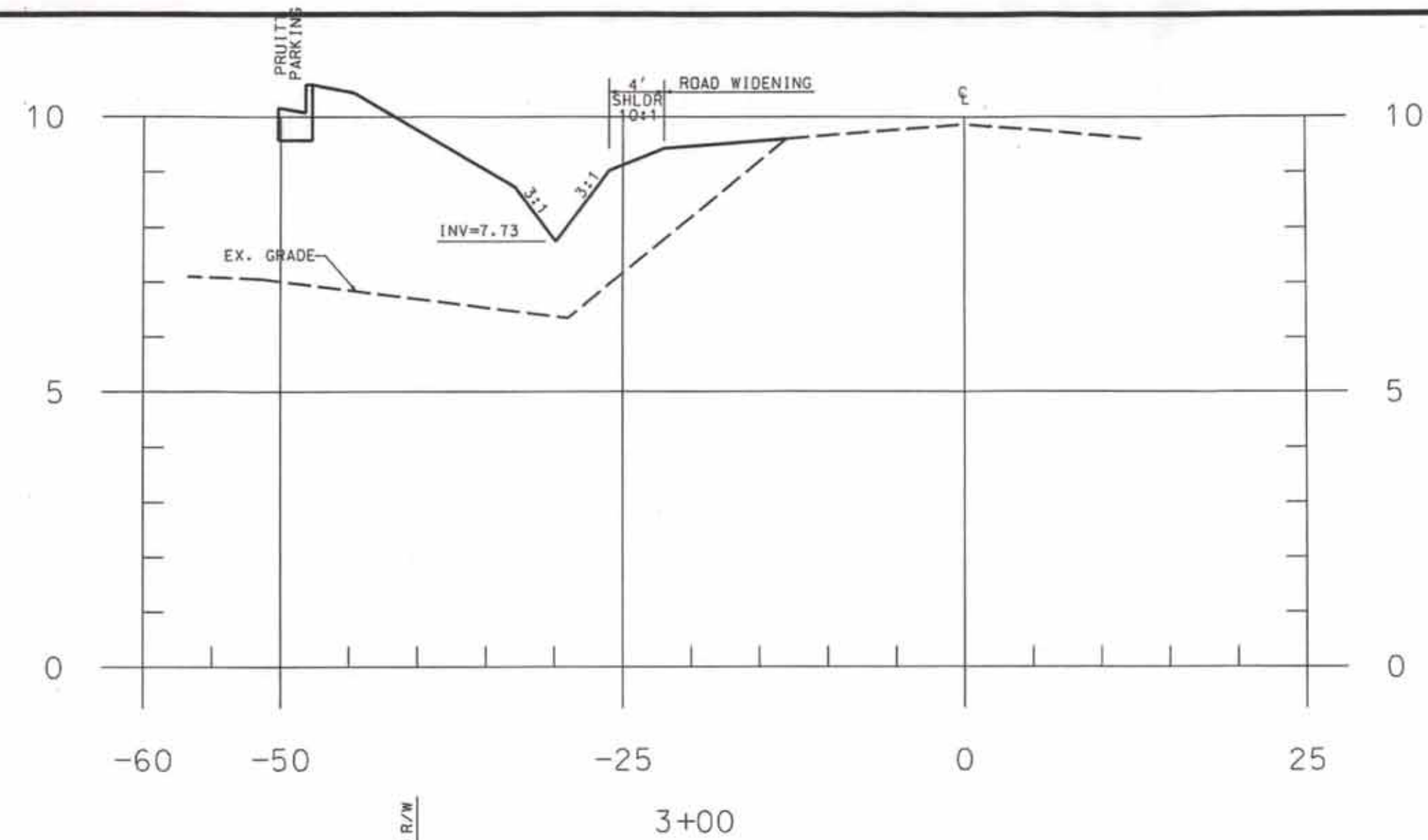
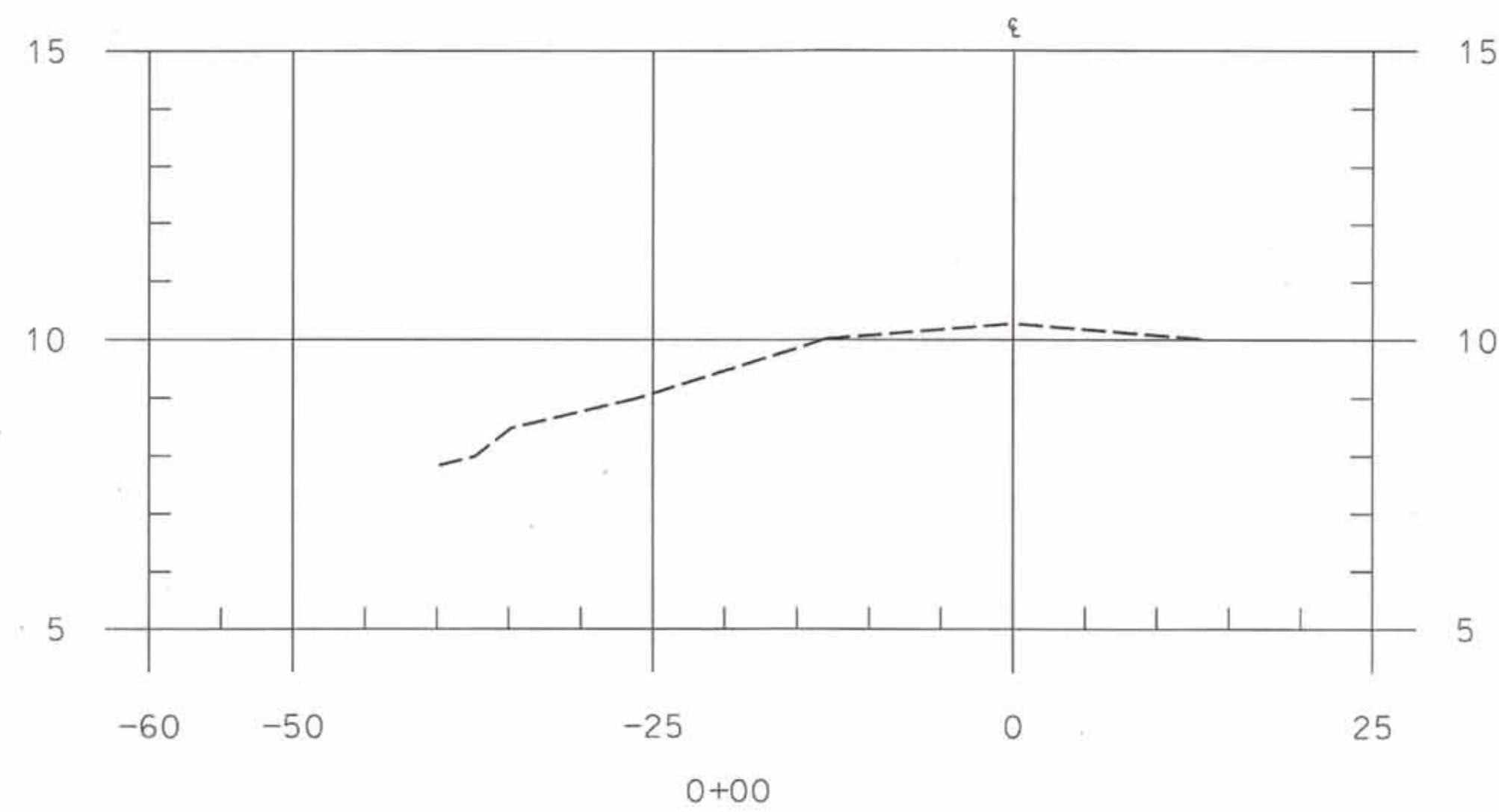


LANE WIDENING CROSS SECTIONS
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=2.5'

REVISIONS:			
No.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING

NCDOT TURN LANE 1 CROSS SECTIONS	
PRUITTHEALTH CRYSTAL COAST 2415 HIGHWAY 70 BEAUFORT TWPSP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMc
ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMc
PHONE: 678-533-6770	CHECKED: CMc
 THE CULLIPHER GROUP P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MOREHEAD CITY, N.C. 28557 (252) 773-0090 LICENSE NO. C-4482	APPROVED: CMc
<i>Chas M. Cullipher</i> CHARLES M. CULLIPHER P.E.	DATE: 7/7/21 SCALE: NTS





LANE WIDENING CROSS SECTIONS
HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=2.5'

REVISIONS:			
NO.	BY	DATE	DESCRIPTION
1	CMC	10/8/21	VALUE ENGINEERING



NCDOT TURN LANE 2 CROSS SECTIONS	
PRUITTHEALTH CRYSTAL COAST	
2415 HIGHWAY 70	
BEAUFORT TWP., CARTERET COUNTY, NORTH CAROLINA	
CLIENT: PRUITT PROPERTIES, INC	DESIGNED: CMC
ADDRESS: 1626 JEURGENS COURT NORCROSS, GA 30093	DRAWN: CMC
PHONE: 678-533-6770	CHECKED: CMC
THE CULLIPHER GROUP, P.A. ENGINEERING & SURVEYING SERVICES 151A HIGHWAY 24 MORRISVILLE, N.C. 28557 (252) 773-0090 LICENSE NO. C-4482	APPROVED: CMC
CHARLES M. CULLIPHER P.E.	DATE: 7/7/21
	SCALE: NTS