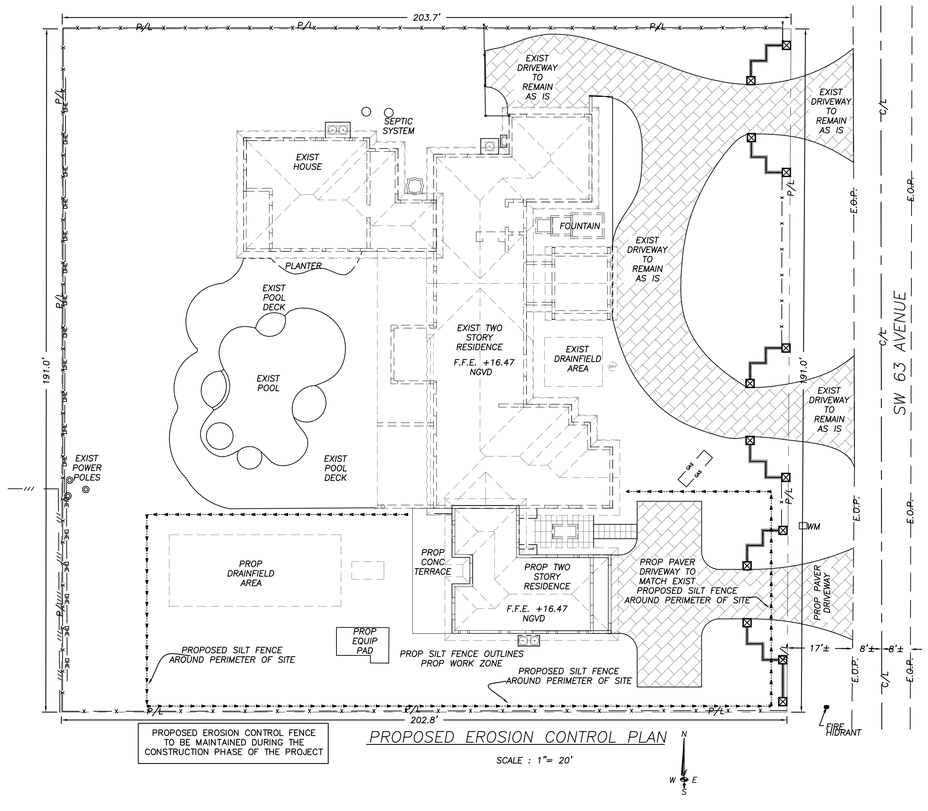


PROPOSED EROSION CONTROL FENCE TO BE MAINTAINED DURING THE CONSTRUCTION PHASE OF THE PROJECT

PROPOSED EROSION CONTROL PLAN

SCALE : 1"= 20'

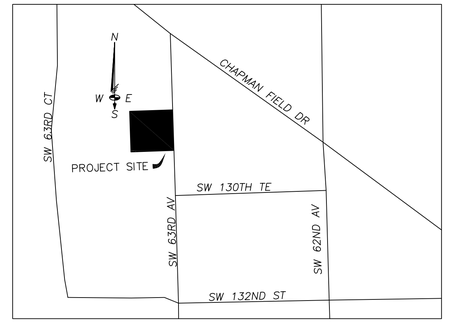
12940 SW 63 AVENUE
PINECREST, FL 33156

PROPERTY FOLIO #:

20-5013-005-0030

PROPERTY LEGAL:

LOT 3 BLOCK 1 OF "BAY RIDGE ESTATES" ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 50, PAGE 74, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA



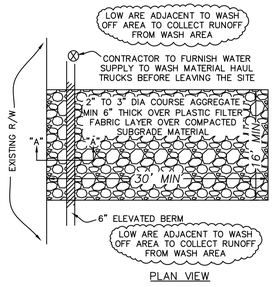
LOCATION MAP

SCALE: 1" = 300'

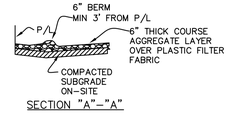
Section 13 Township 55S Range 40E

EROSION CONTROL GENERAL NOTES:

1. TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS, THE CONSTRUCTION PLANS AND OR PER CITY OF MIAMI TREE ORDINANCE 12636
2. ALL EROSION CONTROL FEATURES AS PROVIDED IN THE SWPPP ARE TO BE INSTALLED AT ALL AREAS OF EXCAVATION OR FILL FOR, WATER, SEWER AND DRAINAGE FACILITIES. ALL DRAINAGE CATCH BASINS SHALL BE PROTECTED PER THE DETAILS SHOWN
3. ALL EROSION CONTROL FEATURES ARE TO BE MAINTAINED FOR THE DURATION OF THE PROJECT IN ACCORDANCE WITH THE CITY OF MIAMI NPDES REQUIREMENTS
4. ALL EROSION MATERIAL AND EXCAVATED MATERIAL SHALL BE STORED ON SITE WHERE POSSIBLE. IF THESE MATERIALS CAN NOT BE STORED ON SITE THEN THEY SHALL TRANSPORTED TO AN APPROVED MATERIAL DISPOSAL SITE
5. ANY INEFFECTIVE OR DAMAGED SYNTHETIC BALES OR "SOCKS" SHALL BE REPAIRED OR REPLACED AS REQUIRED
6. ALL STORMWATER INLETS (AREA BASINS, DITCH, C&G, PS, ETC.) SHALL BE PROTECTED FROM SEDIMENT FLOWING INTO THE INLET STRUCTURE WITH SYNTHETIC BALES OR "SOCKS" UNTIL THE PROJECT HAS BEEN COMPLETED
7. STOCKPILED MATERIALS SHALL BE STORED IN A FASHION TO PREVENT THE STORED MATERIALS FROM FLOWING OFF-SITE TO A PUBLIC RIGHT-OF-WAY OR TO ANY EXISTING OR PROPOSED STORMWATER INLET
8. THE EROSION CONTROL PLAN FEATURES SHALL BE INSPECTED ON A DAILY BASIS. A DAILY INSPECTION LOG SHALL KEPT ON SITE ALL ALL CORRECTIONS TO THE FEATURES SHALL BE NOTED IN THE LOG
9. ANY OFFSITE SEDIMENT DISCHARGE TO PUBLIC STORMWATER FACILITIES OR TO ONSITE WATER, SEWER AND DRAINAGE TRENCHES OR STRUCTURES ASSOCIATED WITH THE AFOREMENTIONED ITEMS ARE STRICTLY PROHIBITED PER CITY OF MIAMI PUBLIC WORKS DEPARTMENT BULLETIN No 25



PLAN VIEW

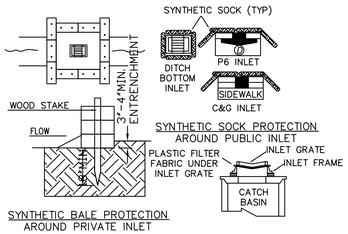


SECTION "A"-"A"

NOTES:

1. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION SO IT PREVENTS SEDIMENT FROM TRACKING OF FLOWING OFF THE CONSTRUCTION SITE ONTO THE PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE THE CLEANING OR REPLACEMENT OF THE COURSE AGGREGATE
2. IT MAY BE NECESSARY TO WASH THE TRUCK TIRES THAT WILL BE LEAVING THE SITE
3. IF WASHING IS REQUIRED THEN IT WILL BE DONE SO THAT THE WASH RUN-OFF GOES TO A DEPRESSED AREA ADJACENT TO THE CONSTRUCTION ENTRANCE AND NOT FLOW TO THE PUBLIC RIGHT-OF-WAY

CONSTRUCTION ENTRANCE DETAIL

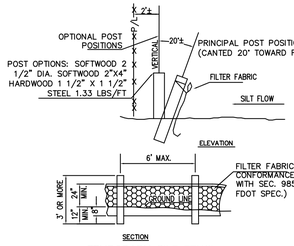


SYNTHETIC SOCK PROTECTION AROUND PUBLIC INLET

SYNTHETIC BALE PROTECTION AROUND PRIVATE INLET

NOTES:

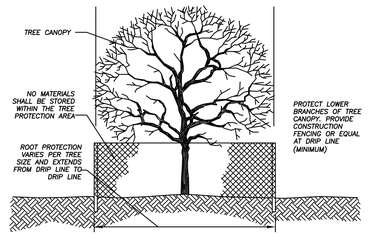
1. SYNTHETIC BALES SHALL BE TRENCHED 3" TO 4" AND ANCHORED WITH 2 - 1" X 2" (OR 1" DIAM.) X 4" WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER
2. ADJACENT SYNTHETIC BALES SHALL BE BUTTED FIRMLY TOGETHER. UNAVOIDABLE GAPS SHALL BE PLUGGED WITH HAY OR STRAW TO PREVENT SILT FROM PASSING
3. SYNTHETIC BALES SHALL BE INSTALLED AT ALL NEW INLETS ON PRIVATE PROPERTY AND SYNTHETIC "SOCKS" ON EXISTING INLETS IN THE PUBLIC RIGHT O WAY DURING CONSTRUCTION
4. CONTRACTOR TO INSTALL PLASTIC FILTER FABRIC UNDER INLET GRATE ON ALL NEW INLETS AND IT SHALL REMAIN THERE FOR THE DURATION OF THE CONSTRUCTION



TEMPORARY SILT FENCE

1. SILT FENCES (EROSION CONTROL FENCE (----------) SHALL BE PROVIDED AS SHOWN ALONG THE PROPERTY LINE TO PREVENT CONSTRUCTION DEBRIS FROM LEAVING THE CONSTRUCTION SITE
2. THE SITE FENCE SHALL BE PLACED A MINIMUM OF TWO FEET INSIDE THE PROPERTY LINE TO ALLOW THE INSTALLATION OF A PERIMETER WIND SCREEN & CONSTRUCTION FENCE
3. A PERIMETER SIX FOOT HIGH CHAIN LINK FENCE COVERED WITH A WIND SCREEN SHALL BE INSTALLED ALONG THE PROPERTY LINE

EROSION CONTROL FENCE SYMBOL +----------+----------+



NOTE:

1. ALL TREES TO BE PROTECTED WITHIN THE CONSTRUCTION SITE SHALL BE IDENTIFIED WITH WHITE SURVEY TAPE.
2. TREE ROOTS SHALL NOT BE CUT UNLESS ABSOLUTELY UNAVOIDABLE. IF ROOT CUTTING IS UNAVOIDABLE, TREE ROOTS SHOULD BE CUT BETWEEN LATE FALL AND BUD OPENING. EXPOSED ROOTS SHALL BE COVERED IMMEDIATELY TO PREVENT DEHYDRATION. ROOTS SHALL BE COVERED WITH SOIL OR BURLAP AND KEPT MOIST. BACKFILL MATERIAL AROUND DAMAGED ROOTS SHALL BE LIGHT MULCH/SAND MIX TO PROMOTE ROOT RECOVERY.
3. WATERING OF PROTECTED TREES IN WHICH ROOTS WERE CUT SHALL BE PROVIDED BY THE CONTRACTOR. WATERING SCHEDULE SHALL BE ESTABLISHED BY THE CITY ARBORIST.
4. FENCING MATERIAL SHALL ENCIRCLE ANY TREES WHOSE OUTER DRIP LINE EDGE IS WITHIN 25 FEET OF ANY CONSTRUCTION ACTIVITIES.
5. PROTECTIVE FENCING SHALL BE MINIMUM 4'-0" IN HEIGHT AND FRAME CONSTRUCTED OF 2"x4" WOOD MEMBERS AND LINED WITH ORANGE SAFETY MESH.
6. PROTECTIVE FENCING SHALL BE PLACED AT THE DRIP LINE OR 25 FEET FROM TREE TRUNK (WHICH EVER IS GREATER) AND MAINTAINED IN AN UPRIGHT POSITION THROUGHOUT THE DURATION OF THE CONSTRUCTION ACTIVITIES.
7. NO MATERIALS SHALL BE STORED WITHIN THE TREE PROTECTION AREA. PLACE SIGNAGE TO READ "KEEP OUT, TREE PROTECTION AREA" ATTACH TO FENCING EVERY 50'-0".

TREE PROTECTION DETAIL
(AT EXISTING TREES TO REMAIN)

LEGEND:

O.H.E.	= OVERHEAD ELECTRIC	ELEC	= ELECTRIC
U.T.	= UNDERGROUND TELEPHONE	SV	= SEWER VALVE
U.E.	= UNDERGROUND ELECTRIC	SS	= STORM SEWER
C&G	= CURB & GUTTER	S	= SANITARY SEWER
EOP	= EDGE OF PAVEMENT	MH	= MANHOLE
℄ P/L	= PROPERTY LINE	PP	= POWER POLE
℄ C/L	= CENTER LINE	LP	= LIGHT POLE
R/W	= RIGHT OF WAY	DRN	= TRENCH DRAIN
EXIST.	= EXISTING		= EXIST./NEW SEWER LATERAL
+7.61	= EXISTING GRADE		= NEW GATE/BUTTERFLY VALVE
PROP.	= PROPOSED GRADE		= FLOW DIRECTION
D.I.P.	= DUCTILE IRON PIPE		= EXIST/NEW FIRE HYDRANT ASSEMBLY
W.M.	= WATER MAIN		= SINGLE/DUAL WATER SERVICE
ELEV.	= ELEVATION		= EXIST/NEW REDUCER
T.O.P.	= TOP OF PIPE		= EXIST/NEW MANHOLE
BLDG	= BUILDING		= TEES & BENDS
UNK	= UNKNOWN		= PROP DRAINAGE
W.V.	= WATER VALVE		= EXIST. DRAINAGE
CI	= CAST IRON	C.L. SWL	= C/L OF SWALE
BST	= BELL SOUTH TELEPHONE		= PROPOSED SEWER
SAN	= SANITARY		= EXISTING SEWER
	= PROPOSED WATER		
	= EXISTING WATER		

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CIVIL ENGINEERS
5821 SW 51 TERRACE, MIAMI, FLORIDA 33155
Phone: 305.205.2361; E-Mail: kwgroce@att.net
Certificate of Authorization 27419

EVA VACCARO RESIDENCE
SITE GRADING FACILITIES
EROSION PLAN, NOTES & DETAILS
12940 SW 63 AVENUE
PINECREST, FLORIDA

REVISIONS

Date	Remarks	By

KEN W. GROCE LICENSE No. 35944 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digital Signature Authorized By Ken W. Groce P.E. FL P.E. # 35944 2023.05.20

Ken W Groce

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KEN W. GROCE P.E. ON THE DATE ADJACENT TO THE SEAL.

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For The Firm By:
KEN W. GROCE, P.E.
FL. Reg. No. 35944
Civil Engineer

Scale: As Shown In Views	
Designed By:	KWG
Drawn By:	CDS
Checked By:	KWG
Date:	5.15.2023
Project No:	23-29

Sheet:
PD-2 2 OF 2