

CYPRESS LAKE
PAVING AND DRAINAGE PLANS
T-PLAT No. 23534

GENERAL NOTES-GRADING AND DRAINAGE

1. ALL CMP SHALL BE HELICAL ALUMINUM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. ALL UTILITIES AND DRAINAGE INSTALLMENTS WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED AND INSTALLED PRIOR TO COMMENCING SUBGRADE WORK ON THE ROADS.
3. THE EXISTING ELEVATIONS SHOWN ON THE GRADING PLAN INDICATES THE ELEVATION AT THE POINT OF BEGINNING OF THE DRAINAGE. THE ELEVATION AT THE END OF THE DRAINAGE SHALL BE THE ELEVATION AT THE POINT THESE EXISTING ELEVATIONS ARE IN NO WAY AN INDICATOR OF SURFACE OR SUBSURFACE SOIL CONDITIONS.
4. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
5. PRECAST CONCRETE MANHOLES AND CATCH BASINS SHALL MEET THE REQUIREMENTS OF A.S.T. SPECS. C-478 AND 64 T.
6. CONCRETE AND PRECAST MANHOLES AND CATCH BASINS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
7. PRECAST CONCRETE MANHOLES AND CATCH BASINS SHALL CONFORM TO A.S.T.M. SPECIFICATIONS 615 AND 615.1, LATEST REVISION.
8. ALL RE-BAR SPICES IN CONCRETE STRUCTURES SHALL HAVE A MINIMUM LAP OF 24 BAR DIAMETERS.
9. ALL JOINTS IN CONCRETE STRUCTURES SHALL BE FINISHED WATER TIGHT.
10. ALL JOINTS IN CONCRETE STRUCTURES SHALL BE FINISHED WATER TIGHT.
11. ALL CORRUGATED STEEL PIPE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 943 OF FLORIDA D.O.T. STANDARDS SPECIFICATIONS AND AASHTO DESIGNATION M 36. COATING SHALL BE IN ACCORDANCE WITH D.O.T. SECTION 943 AND AASHTO DESIGNATION M 190.
12. ALL CORRUGATED ALUMINUM PIPE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 945 OF FLORIDA A.O.T. STANDARD SPECIFICATIONS AND AASHTO DESIGNATION M 196.
13. JOINTS IN CORRUGATED STEEL PIPE AND CORRUGATED METAL BANDS OF SIMILAR METAL AND FLORIDA A.O.T. STANDARD SPECIFICATIONS AND AASHTO DESIGNATION M 196.
14. ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY DADE COUNTY AND THE CITY OF MIAMI. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY.
15. A SEPARATE SURFACE COURSE JOB MIX DETERMINATION SHALL NOT BE REQUIRED FOR EACH SPECIFIC PROJECT. PROJECT JOB MIX SHALL BE THE CONTRACTOR'S MOST RECENTLY APPROVED APPLICABLE JOB MIX FORMULA AS DETERMINED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION.
16. ASPHALTIC CONCRETE SURFACE COURSE SHALL BE BITUMINOUS CONCRETE MIX TYPE S-1 EXCEPT WHERE SHOWN OTHERWISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY.
17. THE CONTRACTOR MAY ALSO FURNISH AND PLACE AN APPROVED BITUMINOUS CONCRETE MIXTURE FOR THE SURFACE COURSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF MIAMI AND DADE COUNTY.
18. SURFACE TREATMENT SHALL BE USED TO BIND OVERLAYS TO EXISTING PAVEMENT. BITUMINOUS MATERIAL FOR SURFACE TREATMENT SHALL BE TYPE RS-2 MEETING THE REQUIREMENTS OF AASHTO M 140. AND SHALL BE APPLIED AT THE RATE OF 0.25 GALLONS / S.Y. COVER AGGREGATE MATERIAL WITH A MINIMUM OF 1/2" GRADE (MEETING THE REQUIREMENTS OF TABLE 1 BELOW) APPLIED AT APPROXIMATELY 13 POUNDS/S.Y. THE BITUMINOUS IMPREGNATED AGGREGATE SHALL CONTAIN 4 O/D ASPHALT CEMENT VISCOSITY GRADE AC-20 WHEN TESTED IN ACCORDANCE WITH ASTM D 2172. THE SURFACE TREATMENT SHALL BE APPLIED WITH A SPREADER AND FOLLOWED BY A ROLLER. THE ROLLER SHALL BE DRAGGED WITH A DRAG BROOM TO PROVIDE EVEN DISTRIBUTION OF GRAVEL, BEFORE ROLLING WITH A TRAFFIC ROLLER.

TRAFFIC GENERAL NOTES & CONDITIONS

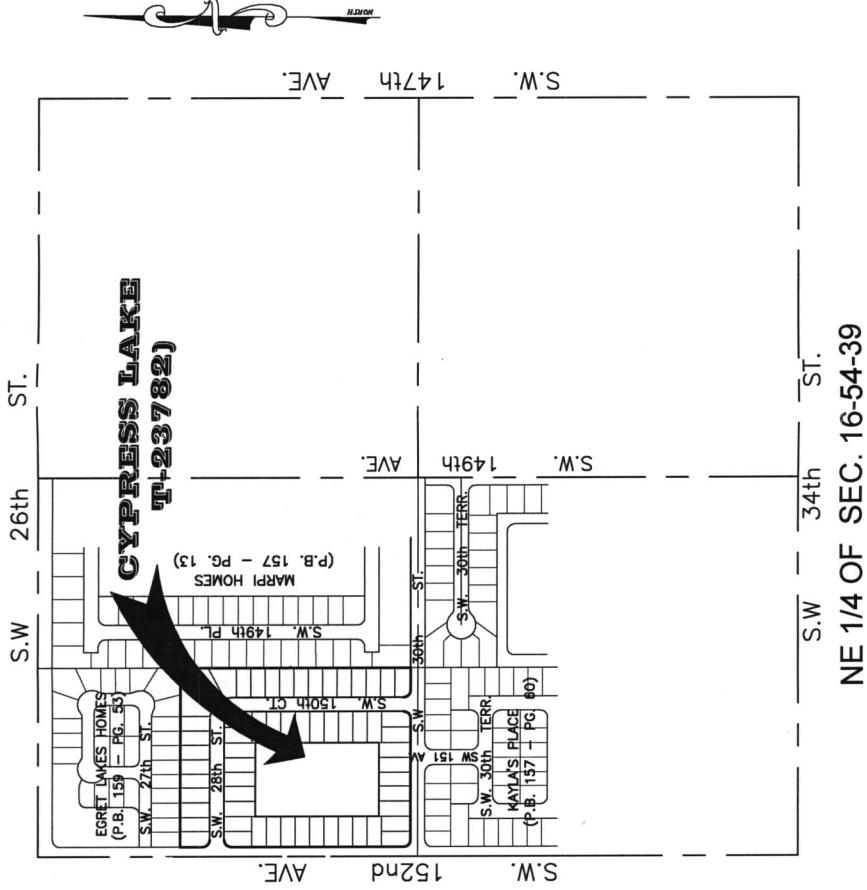
1. Engineer shall prepare signing & pavement markings plans in a separate sheet (1"=50' scale minimum).
2. Engineer shall visit site & verify field conditions before preparing proposed signing & pavement markings plans.
3. Contractor shall be responsible for the removal of all pavement markings and sign conflicting with the proposed roadway construction.
4. Contractor shall be responsible for the installation of all pavement markings signs as shown in the plans and applicable traffic design standards.
5. Contractor shall be responsible for matching existing pavement markings at the beginning and at the end of the project, and at all intersecting side streets.
6. Contractor shall be responsible for the installation of reflective pavement markers along the entire length of the project.
7. Any signing material, including supports to be removed, shall be delivered by the contractor to Dade County's Traffic Signals and Signs Maintenance Facility located at 7100 N.W. 36 Street, Miami, Florida.
8. Sign assembly locations shown in the plans which are in conflict with street lighting poles, alleyways, pedestrian ramps, etc., may be adjusted as directed by the Engineer/Inspector.
9. The contractor shall be responsible for providing Ped Ramps where sidewalks is existing or proposed (as per ADA-Pwm)

INDEX OF SHEETS

SHEET No.	DESCRIPTION
1.	COVER SHEET
2.	PAVING, GRADING & DRAINAGE PLAN
3.	TYPICAL SECTIONS
4.	DRAINAGE NOTES AND DETAILS
5.	EROSION CONTROL PLANS
6.	SIGNING AND MARKING PLAN

REVISIONS	
DATE	BY DESCRIPTION
6/16/17	EP DRY RUN DRAINAGE

LOCATION MAP
SCALE: 1"=300'



PARCEL 1
THE SOUTH 1/2 OF THE SOUTH 1/2 OF THE NW 1/4 OF THE NW 1/4 OF THE NE 1/4 OF SECTION 16, TOWNSHIP 54 SOUTH, RANGE 39 EAST IN MIAMI-DADE COUNTY, FLORIDA. (PARCEL I.D. NUMBER : 30-4916-000-0070)

PARCEL 2
THE NORTH 1/2 OF THE SW 1/4 OF THE NW 1/4 OF THE NE 1/4 OF SECTION 16, TOWNSHIP 54 SOUTH, RANGE 39 EAST IN MIAMI-DADE COUNTY, FLORIDA. (PARCEL I.D. NUMBER : 30-4916-000-0080)

PARCEL 3
THE SOUTH 1/2 OF THE SW 1/4 OF THE NW 1/4 OF THE NE 1/4 OF SECTION 16, TOWNSHIP 54 SOUTH, RANGE 39 EAST IN MIAMI-DADE COUNTY, FLORIDA. (PARCEL I.D. NUMBER : 30-4916-000-0090)

PREPARED FOR
LOWELL FARMS

PREPARED BY
AMERICAN SERVICES OF MIAMI, CORP.
CONSULTING ENGINEERS - PLANNERS-SURVEYORS
9370 S.W. 72nd STREET, Suite A102 - MIAMI - FLORIDA - 33173
(305) 598-5101



Engineering Corporation
Mario Duany, P.E., LEED AP.

7850 SW 132nd Ave.
Miami, Florida 33183
Phone: (305) 598-7066
Fax: (305) 598-8627

PE No. 67340
CA No. 28051

Sunshine811

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

ENGINEER'S CERTIFICATION:
THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT OF THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE STATE OF FLORIDA LEGISLATURE, CHAPTER 72-328 F.S.

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SFWMD REGULATION

170627-16

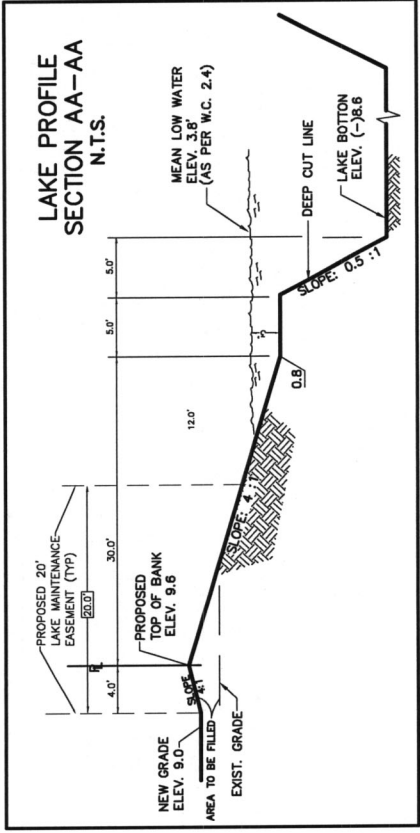
PAVING, GRADING AND DRAINAGE PLAN FOR
CYPRESS LAKE

CATCH BASIN INFORMATION		
CATCH BASIN No.	LF OF TRENCH	INV. PIPE ELEV. SIZE
1	50	8.87 3.50 18"
2	MH	9.20 3.50 18"
3	35	8.60 3.50 18"
4	50	8.68 3.50 18"
5	MH	9.00 3.50 18"
6	50	8.41 3.50 18"
7	35	8.62 3.50 18"
8	35	7.94 3.50 18"
9	35	7.94 3.50 18"
10	35	7.93 3.50 18"
11	35	7.93 3.50 18"
12	MH	8.74 3.50 18"
13	35	8.17 3.50 18"
14	35	8.17 3.50 18"
15	MH	8.63 3.50 18"
16	35	8.33 3.50 18"
17		8.33 3.50 18"
TOTAL		500

- LEGEND
- ⊙ DENOTES LOCATION OF EXFILTRATION TEST
 - DENOTES EXFILTRATION TRENCH
 - ⊙ DENOTES EXISTING ELEVATION
 - ⊙ DENOTES PROPOSED ELEVATION
 - DENOTES CATCH BASIN
 - DENOTES FLOW DIRECTION
 - DENOTES MANHOLE

DESIGN CRITERIA
LOCATION: SECTION 16-54-39
FLOOD CRITERIA: 8.4
TOTAL AREA: 12.5 ACRES
K= 8.75 x 10⁻⁴
ELEVATION OF WATER TABLE AS PER WC 2.2 = 5.2 (NOV0)
COEFFICIENT OF RUNOFF: 0.55
ALL CATCH BASINS TO J-BOXES

170627-16



JOB : CYPRESS LAKE
AREA : 12.5 ACRES
IMPROVED AREA : 8.05 ACRES
PREVIOUS AREA : 4.45 ACRES

10
7.93 TOP OF CATCH BASIN (GRATING)
L : 492 MINIMUM LENGTH REQUIRED
L : 560 SHALL BE INSTALLED
C (p) : 8-98 COEFFICIENT OF UTILIZATION (PAVING, BUILDING)
C (g) : 8-28 COEFFICIENT OF UTILIZATION (GRASS STABILIZED)
R : 12.500 6 HOURS
W : 6 RAINFALL INTENSITY (inches per hour)
K : 4.0 WIDTH OF TRENCH
K : 8.0001 (as per percolation test)
K : 8.75 WATER TABLE DEPTH AS PER WC 2.1
K : 5.0 WATER TABLE DEPTH AS PER WC 2.1
D : 31 DEPTH OF TRENCH FROM FLOOD CRITERIA
L : C (p) x A x R
L : K (RW + 2822d) + (1.39 x 0.001) Wp
L : 0.9 4.450 6 0.2 8.05 6 110 0.000139
L : 0.000875 20 40 16 110 0.000139
L : 33.49
L : 0.15674

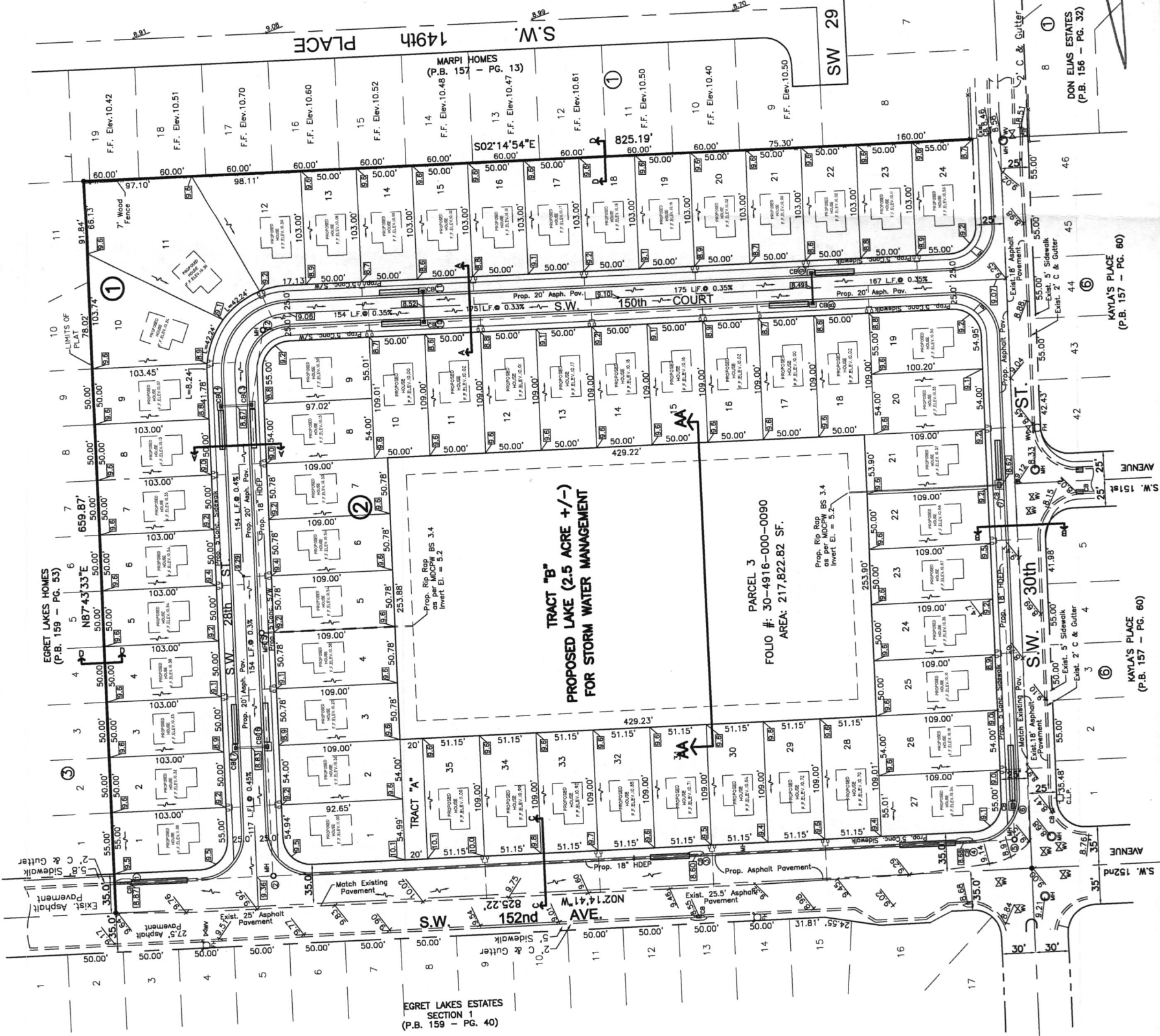
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492 LINEAL FEET REQUIRED
500 LINEAL FEET PROVIDED

250 LINEAL FEET PROVIDED
250 LINEAL FEET PROVIDED
500 TOTAL



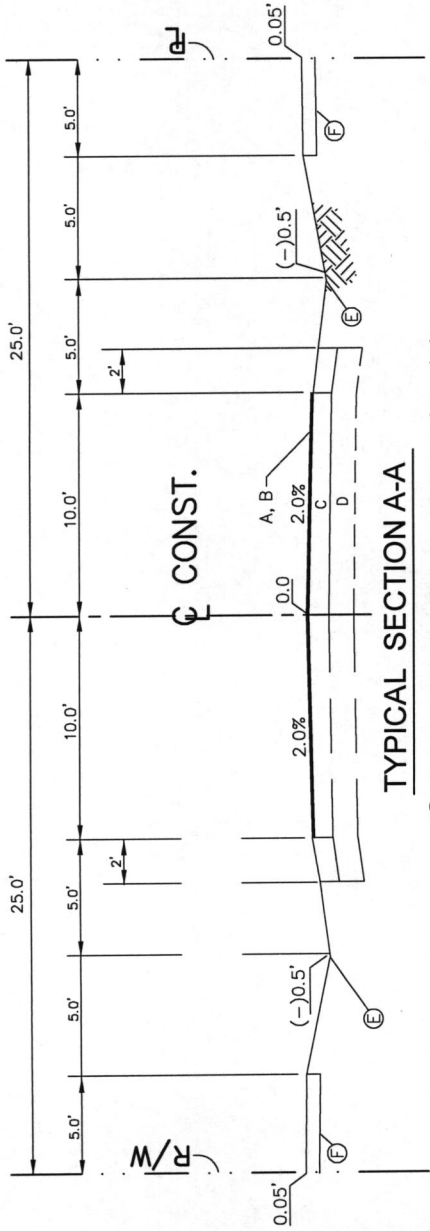
AMERICAN SERVICES OF MIAMI, CORP.
Consulting Engineers, Planners, Surveyors
9370 S.W. 72nd Street, Suite A-102
Miami, Florida 33173
PH: (305) 598-5181
FAX: (305) 598-8827
WEB: ASOMIAMI.COM

FOR: LOVELL FARMS, INC.
SCALE: 1"=50'
DATE: 5/24/17
DESIGNED BY: E.P.
APPROVED BY: E.P.
DRAWN BY: T.P.
CHECKED BY: E.P.
FIELD BOOK No.
PAGE No. 1

ORDER No.
16-206
SHEET 2 OF 2

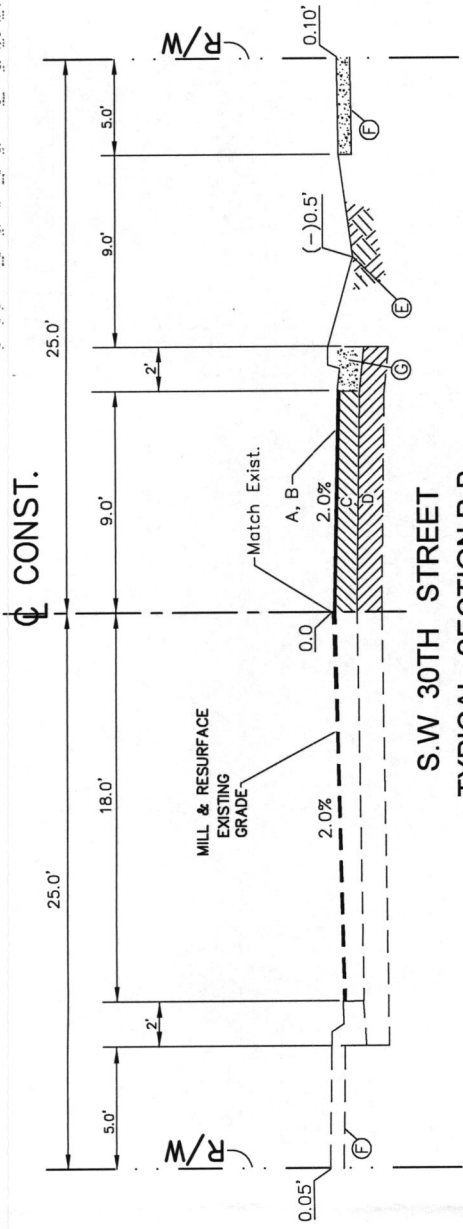
TYPICAL SECTIONS FOR
CYPRESS LAKE

PA 51:51 1102/12 90



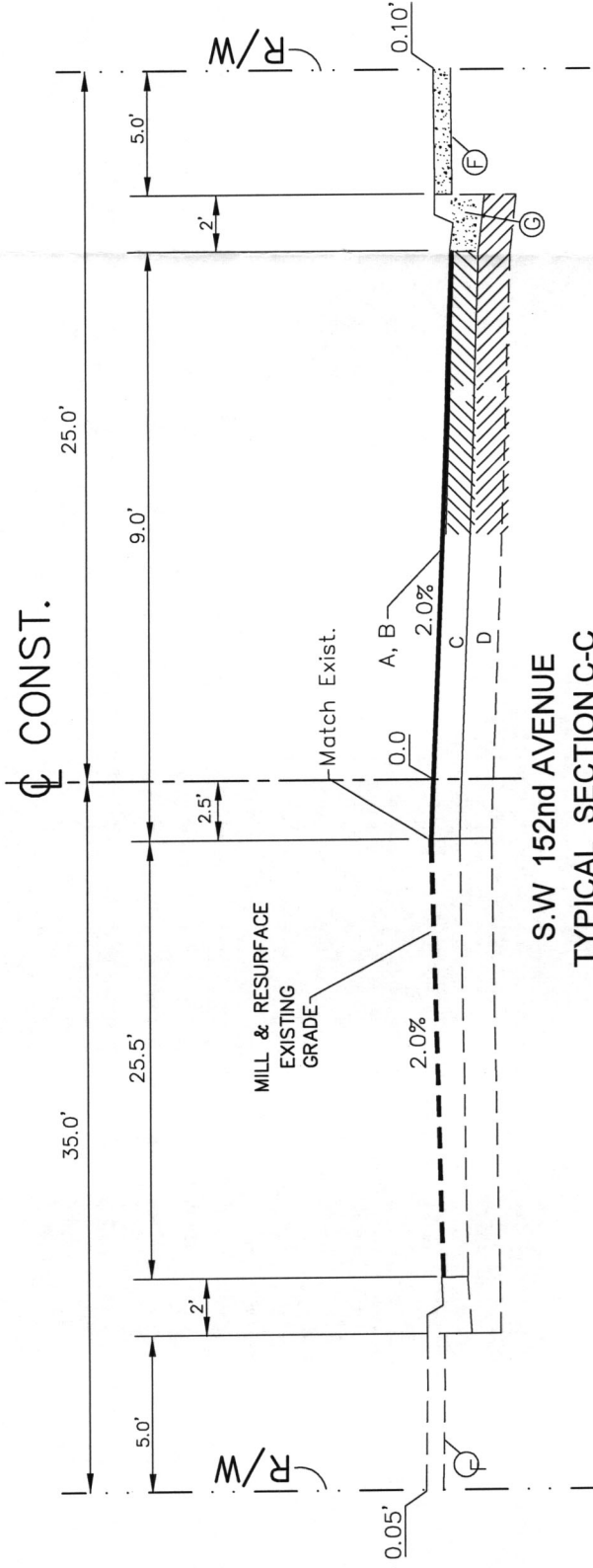
TYPICAL SECTION A-A

- A 1" THICK ASPHALTIC CONCRETE, TYPE SP-9.5 (220lb/SY)
- B PRIME WITH HOT MIX ASPHALT
- C 8" BASE COURSE COMPACTED TO 98% MAXIMUM DENSITY AASHTO T-180
- D 12" SUBGRADE COMPACTED TO 98% MAXIMUM DENSITY AASHTO T-180, STABILIZE AS REQUIRED
- E SWALE (SOLID SOD) CATCH BASINS LOCATIONS
- F 4" THICK CONCRETE SIDEWALK (6" Ø DRIVEWAYS)



S.W. 30TH STREET
TYPICAL SECTION B-B

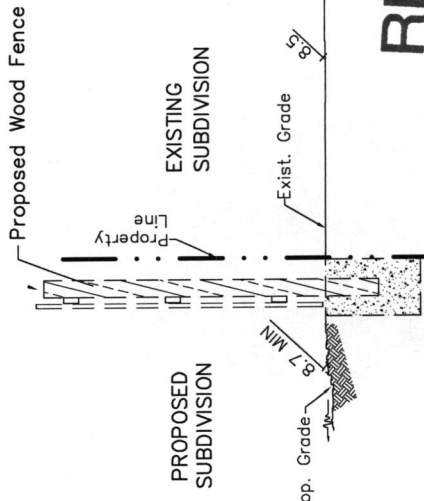
- A 1" THICK ASPHALTIC CONCRETE, TYPE FC-9.5 (110lb/SY)
- B PRIME AND TACK COAT
- C 8" BASE COURSE COMPACTED TO 98% MAXIMUM DENSITY AASHTO T-180
- D 12" SUBGRADE COMPACTED TO 98% MAXIMUM DENSITY AASHTO T-180, STABILIZE AS REQUIRED
- E SWALE (SOLID SOD) CATCH BASINS LOCATIONS
- F 4" THICK CONCRETE SIDEWALK (6" Ø DRIVEWAYS)
- G 2' CURB AND GUTTER (DROP CURB AT DRIVEWAYS)



S.W. 152nd AVENUE
TYPICAL SECTION C-C

- A 1" THICK ASPHALTIC CONCRETE, TYPE FC-9.5 (110lb/SY)
- B PRIME AND TACK COAT
- C 8" BASE COURSE COMPACTED TO 98% MAXIMUM DENSITY AASHTO T-180
- D 12" SUBGRADE COMPACTED TO 98% MAXIMUM DENSITY AASHTO T-180, STABILIZE AS REQUIRED
- E SWALE (SOLID SOD) CATCH BASINS LOCATIONS
- F 4" THICK CONCRETE SIDEWALK (6" Ø DRIVEWAYS)
- G 2' CURB AND GUTTER (DROP CURB AT DRIVEWAYS)

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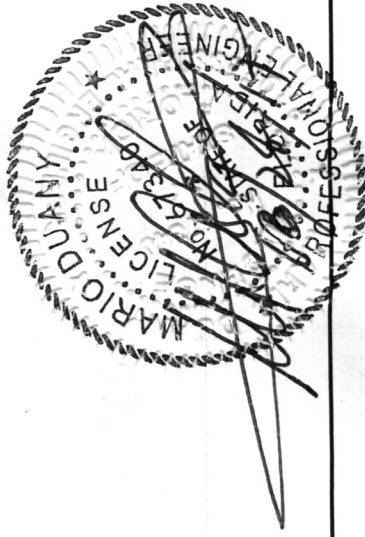


TYPICAL SECTION E-E

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ENGINEERS' CERTIFICATION:
THIS IS TO CERTIFY THAT THIS PLAN WAS PREPARED
UNDER MY DIRECTION AND THE TO THE BEST OF MY
KNOWLEDGE AND BELIEF COMPLIES WITH THE INTENT
OF THE "MANUAL OF UNIFORM MINIMUM STANDARDS FOR
DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS
AND HIGHWAYS" AS ADOPTED BY THE STATE OF FLORIDA
LEGISLATURE, CHAPTER 72-328 F.S., PERTAINING TO
PUBLIC STREETS AND HIGHWAYS.

AMERICAN SERVICES OF MIAMI, CORP.
Consulting Engineers . Planners . Surveyors

MIAMI
9370 S.W. 72nd STREET, Suite A-102
MIAMI, FLORIDA, 33173
PH: (305) 598-5101
FAX: (305) 598-8627

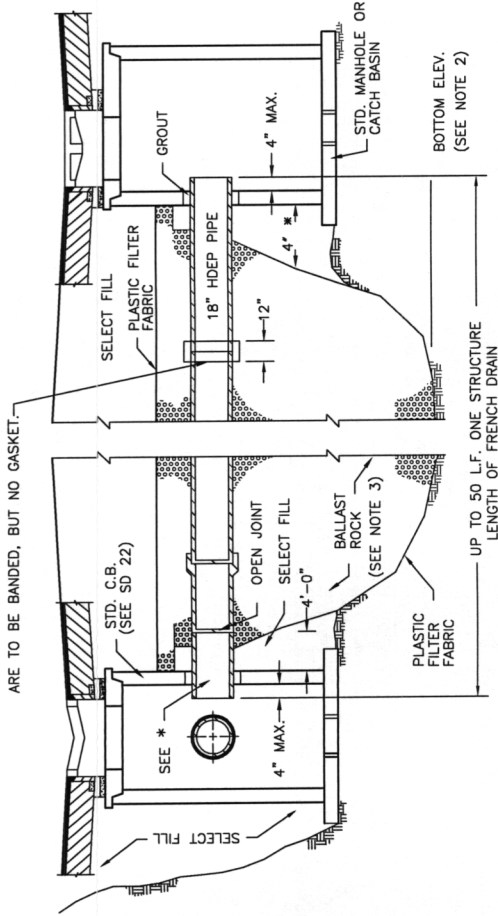
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TYPICAL SECTIONS

FOR: LOVELL FARMS, INC.
DESIGNED BY: EP
APPROVED BY: M.D.
DATE: 5/16/17
DRAWN BY: T.P.
CHECKED BY: C.A.
FIELD BOOK NO.
PAGE NO. N/A

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16-1120
SHEET No.
3

PAVING, GRADING AND DRAINAGE NOTES AND DETAILS



* NO SLOTS OR PERFORATIONS ON THIS LENGTH OF PIPE

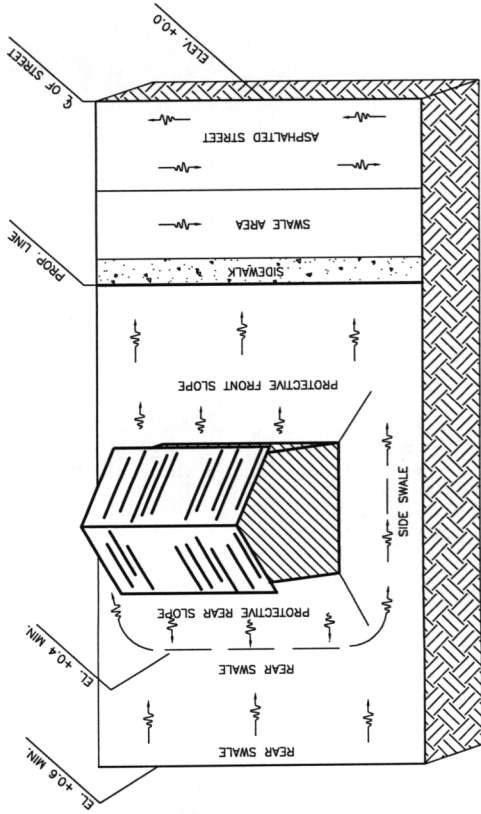
LONGITUDINAL SECTION

EXFILTRATION DETAIL

N.T.S.

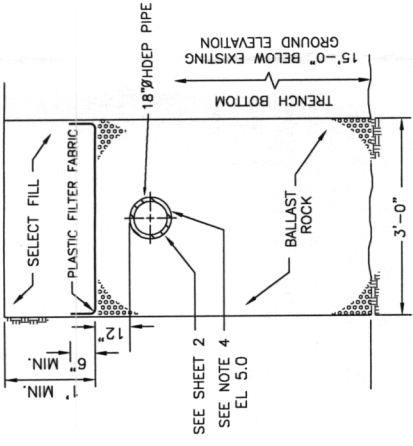
1. PLASTIC FILTER FABRIC (AT EA. SIDE) SHALL BE USED IN SANDY AREAS AS NOTED ON PLANS AND/OR AS DIRECTED BY THE ENGINEER.
2. THE BOTTOM OF THE EXFILTRATION TRENCH SHALL BE 15'-0" BELOW EXISTING GROUND ELEVATION, UNLESS FIELD CONDITIONS WARRANT OTHERWISE.
3. AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION, IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW FOR INITIAL SETTLEMENT. INITIAL WASHING SHALL BE OCCURRED TO RESERVE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH BE COMPLETED IN ACCORDANCE WITH THE DETAILS.
4. INVERT ELEVATION TO BE AS SHOWN IN W.C. 2.2 (AVG. OCTOBER GROUND WATER LEVEL). FOR PERFORMED 18" HDEP PIPE, PIPE JOINTS

NOTE: IF THIS DETAIL IS TO BE USED FOR PRETREATMENT OF RUNOFF WATER, THE INVERT OF PIPE TO BE AS SHOWN IN W.C. 2.2. IF PRETREATMENT HAS BEEN PROVIDED, THE INVERT OF PIPE CAN BE LOWER THAN SHOWN IN W.C. 2.2.

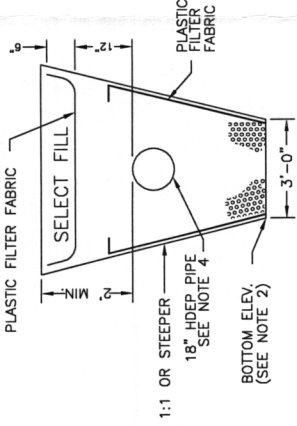


LOT GRADING DETAIL

N.T.S.

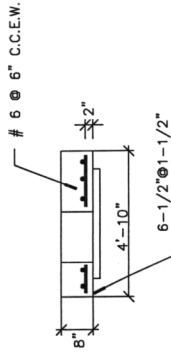


TRANSVERSE SECTION

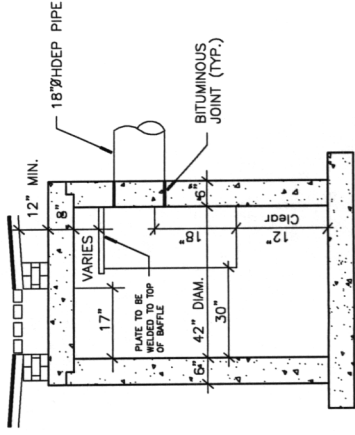


ALT. TRANS. SECTION

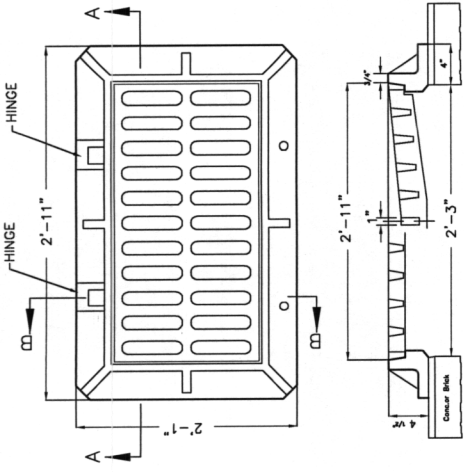
MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE IN BELOW THE WATER TABLE IS LIKELY TO OCCUR. TO BE USED AT THE ENGINEER'S DISCRETION.



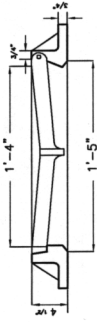
SECTION A-A



CATCH BASIN DETAIL TYPE D



SECTION A-A

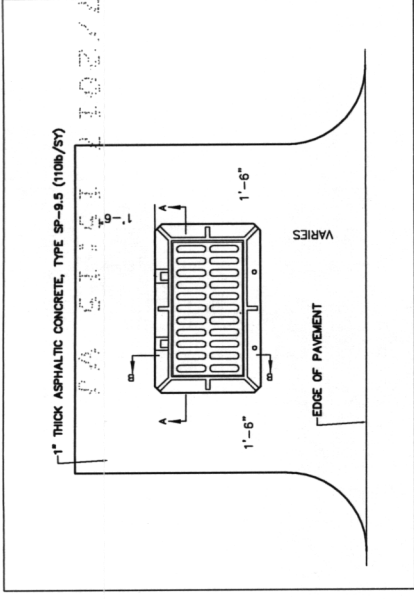


CATCH BASIN FRAME AND HINGE DETAIL

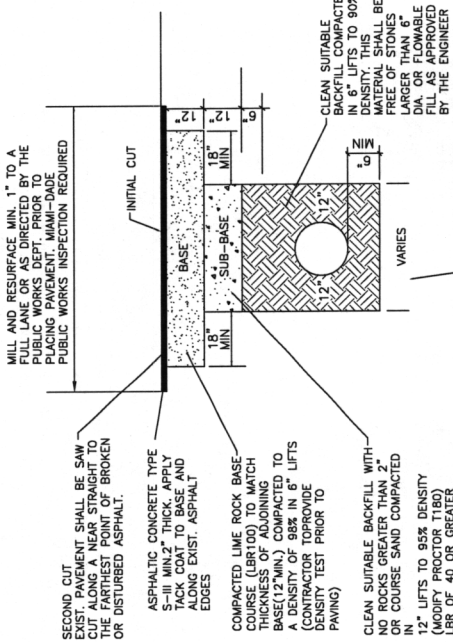
N.T.S.

MODEL 4700-6223

MIN WEIGHTS
GRATER: 153 LBS
FRAME: 215 LBS



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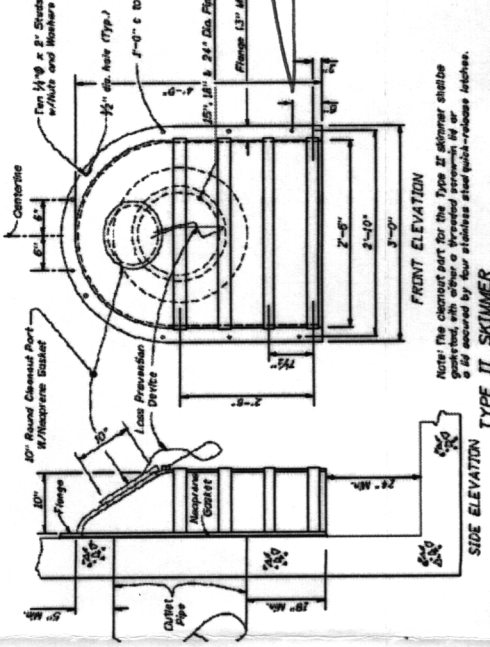


TYPICAL UTILITY TRENCH RESTORATION

UNDER ASPHALTED PAVEMENT JUN 27 2017

N.T.S.

SFWMD REGULATION



TYPE II SKIMMER

Note: The clearest part for the Type II skimmer shall be provided, with a 1/2 inch clearance at the bottom of the skimmer.

KELLEY ENGINEERS OF DADE

Consulting Engineers, Planners

MIAMI
8370 S.W. 79th STREET, Suite A-102
MIAMI, FLORIDA 33173
PH: (305) 598-9101
FAX: (305) 598-9627

DRAINAGE NOTES AND DETAILS

FOR: LOVELL FARMS, INC.
SCALE: SHOWN
DESIGNED BY: E.P.
APPROVED BY: M.D.

CHECKED BY: P.A.H.
DRAWN BY: T.P.
FIELD BOOK No.
PAGE No. 429

ORDER No.
16-1120
SHEET No.
4

EROSION AND SEDIMENTATION CONTROL PLAN

(T-)

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PA 5151 1102/20

300 pages

REVISED

AMERICAN SERVICES OF MIAMI, CORP.

Consulting Engineers . Planners

MIAMI

3370 S.W. 72nd Street, Suite A-102
Miami, Florida 33173
PH: (305) 598-5101
FAX: (305) 598-8827

DATE: 3/16/17
APPROVED BY: M.D.
SCALE: SHOWN
DESIGNED BY: E.P.
FOR: LOVELL FARMS, INC.

FIELD BOOK No.
DRAWN BY: T.P.
CHECKED BY: P.A.H.
PAGE No. 429

EROSION AND SEDIMENTATION CONTROL PLAN

ORDER No.
16-1120
SHEET No.
5

ENGINEER'S CERTIFICATION
THIS PLAN WAS PREPARED UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF IT COMPLIES WITH THE DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS ACT, CHAPTER 660, F.S., AND THE FLORIDA LAND DEVELOPMENT CODE, CHAPTER 72-328, F.S.

EROSION CONTROL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE IF NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.

2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.

3. ADDITIONAL PROTECTION-ON-SITE PROTECTION MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORSEEN CONDITIONS OR ACCIDENTS.

4. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.

5. WIRE MESH SHALL BE LAID OVER THE TOP DROP IN-LET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENING SHALL BE OVERLAPPED.

6. FOOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON DETAIL. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET LENGTH. THE STONE SHALL EXTEND BEYOND THAT INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.

7. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.

8. BALE SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.

9. BALES SHALL BE PLACED LENGTHWISE IN SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER.

10. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED A TRENCH SHALL BE EXCAVATED TO THE DEPTH OF THE BALE TO A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STACKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.

11. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.

12. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

13. HAYBALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.

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