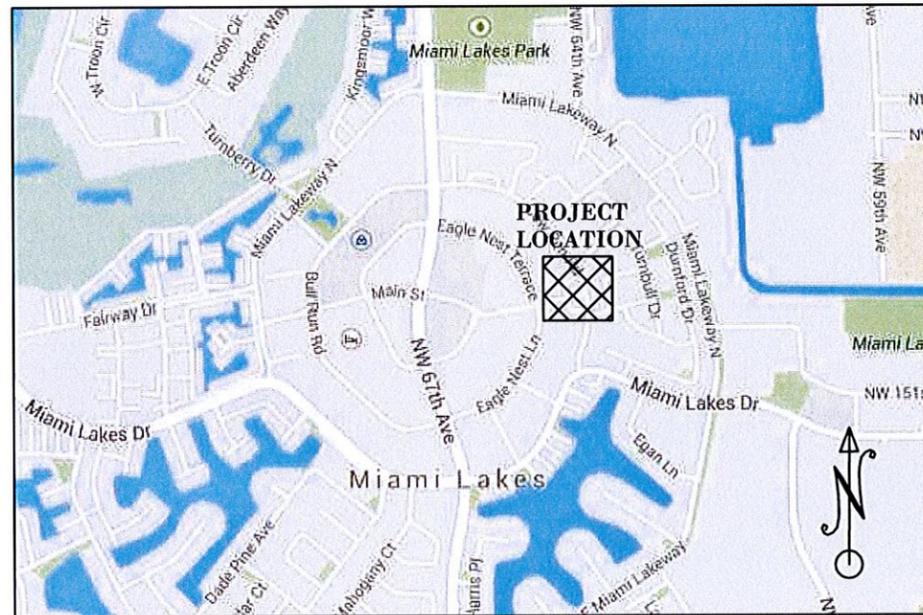


HUTCHINSON ROAD DRAINAGE & ROADWAY IMPROVEMENTS



COMMUNITY OFFICIALS

- | | |
|--|--|
| WAYNE SLATON,
MANNY CID,
TIM DAUBERT,
TONY LAMA,
CEASAR MESTRE,
FRANK MINGO,
NELSON RODRIGUEZ, | MAYOR
VICE MAYOR
COUNCILMEMBER
COUNCILMEMBER
COUNCILMEMBER
COUNCILMEMBER
COUNCILMEMBER |
| ALEX REY,
GREGORY NETTO, | TOWN MANAGER
DIRECTOR OF CAPITAL IMPROVEMENT
PROGRAM |

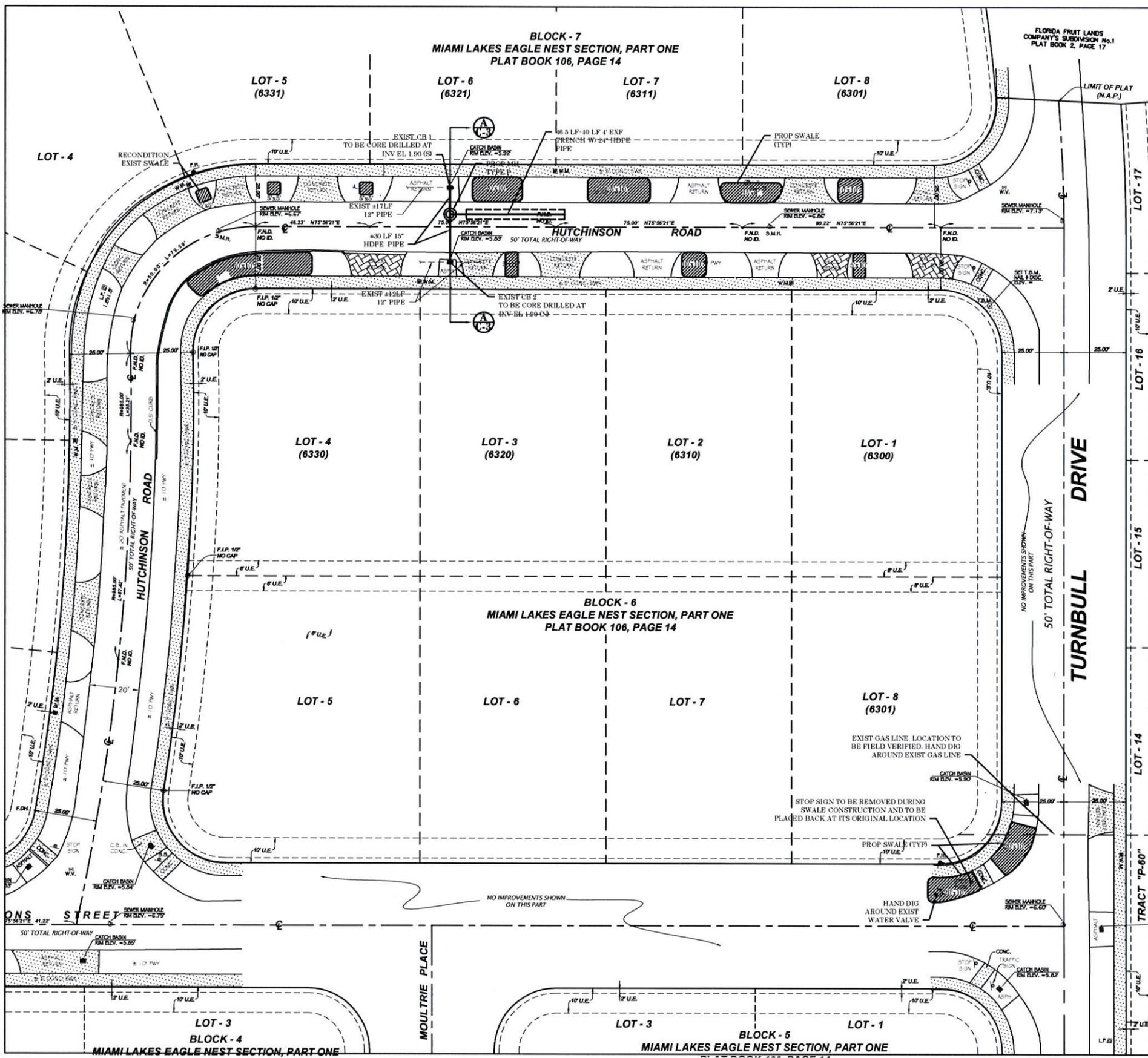


INDEX OF DRAWINGS

SHEET NO.	DRAWING NO.	TITLE
1	C-0	COVER SHEET
2	C-1	DRAINAGE PLAN
3	C-2	PAVEMENT RESTORATION, MARKING, & POLLUTION PREVENTION PLAN
4	C-3	SECTION & DETAILS
5	C-4	GENERAL & PAVEMENT MARKING NOTES



REVISIONS:					
REV.	DATE	REMARKS			
					SEAL
ERNESTO A. PEREZ, P.E. PROFESSIONAL ENGINEER - LIC. P.E. No. 22126 8370 Merleith Terrace MIAMI LAKES, FL 33016 PH. No. (305) 364-6100					
HUTCHINSON ROAD DRAINAGE & ROADWAY IMPROVEMENTS					
DRAWN BY: YAMISLEIDYS PEREZ					
DATE: 01-2015					
SCALE: AS SHOWN					
PROJECT No.					
SHEET No.					
C-0					

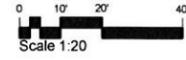


SUMMARY OF STRUCTURES					
	RIM ELEV.	INV. EL. (N)	INV. EL. (S)	INV. EL. (E)	INV. EL. (W)
EX CB-1	5.92	-	1.90	1.33	1.33
EX CB-2	5.83	1.00	-	1.33	1.33
PROP MH	6.40	1.90	1.90	1.90	-

SUMMARY OF SWALES	
LOT #	SIZE
Hutchinson Rd	
6331 Lot 5	5x5
6331/6321 Lots 5/6	5x5
6321 Lot 6	20x10
6311 Lot 7	25x10
6311/6301 Lots 7/8	25x8
6301 Lot 8	10x10
6330 Lot 4	55x10
6310 Lot 2	10x10
6300 Lot 1	5x10
6320 Lot 3	5x10
6331 Lot 5	Exist 5x5
LOT # Simmons St	
6301 Lot 8	2-20x10

LEGEND

- CENTER LINE
- EXIST CONCRETE
- EXIST CATCH BASIN
- BRICK APPROACH
- PROPOSED SWALES
- PROPOSED STORM MANHOLE



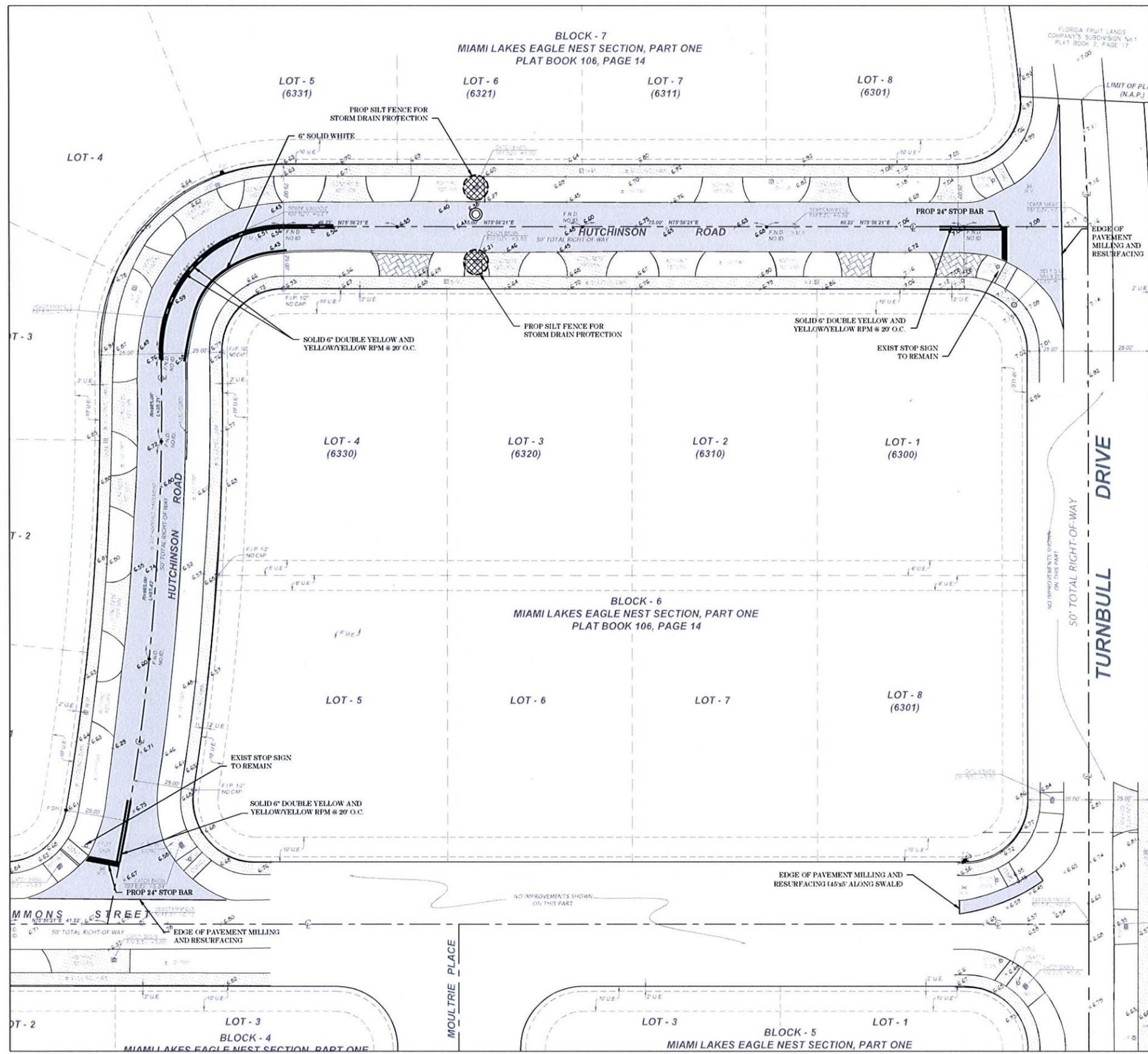
REVISIONS:
REV. DATE REMARKS

ERNESTO A. PEREZ, P.E.
PROFESSIONAL ENGINEER - LIC. P.E. No. 22126
8370 Menteth Terrace
MIAMI LAKES, FL 33016
PH. No. (305) 564-8100

MIAMI LAKES
Growing Beautifully

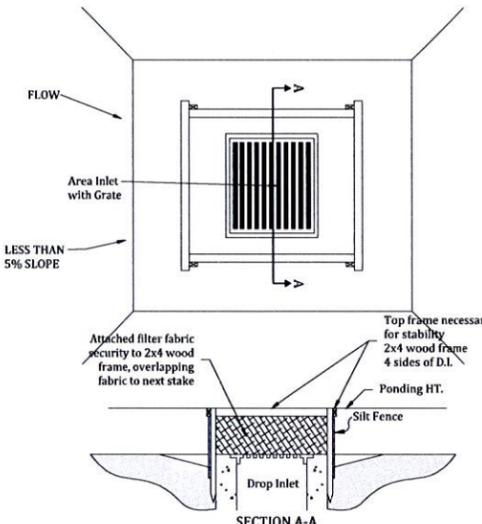
**HUTCHINSON ROAD
DRAINAGE PLAN**

DRAWN BY:
YAMISLEIDYS PEREZ
DATE:
01-2015
SCALE:
AS SHOWN
PROJECT No.



PAVEMENT MARKING NOTES

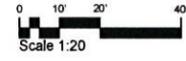
1. ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. ALL SIGNING AND PAVEMENT MARKING SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
3. PROPOSED PAVEMENT ASPHALT TYPE S-III
4. MILL AND RESURFACE 1" OF ASPHALT.



INLET PROTECTION DETAIL
NTS

LEGEND

	CENTER LINE
	PAVEMENT RESTORATION (ASPHALT S-III)
	EXIST CATCH BASIN
	BRICK APPROACH
	PROPOSED STORM MANHOLE
	PROPOSED DRAIN PROTECTION



REVISIONS:

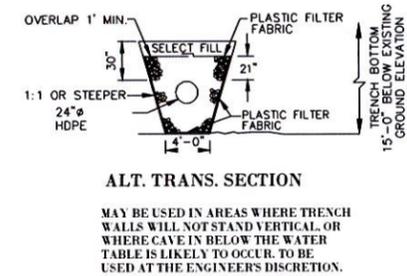
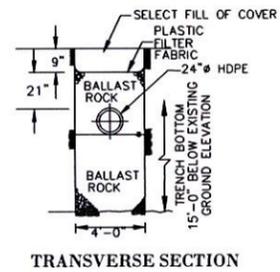
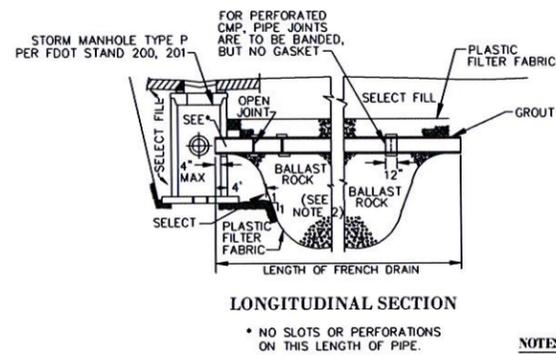
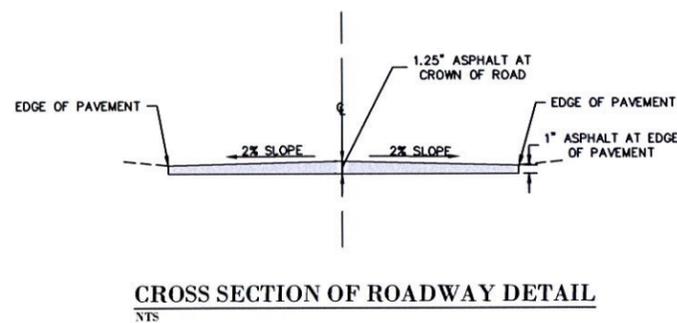
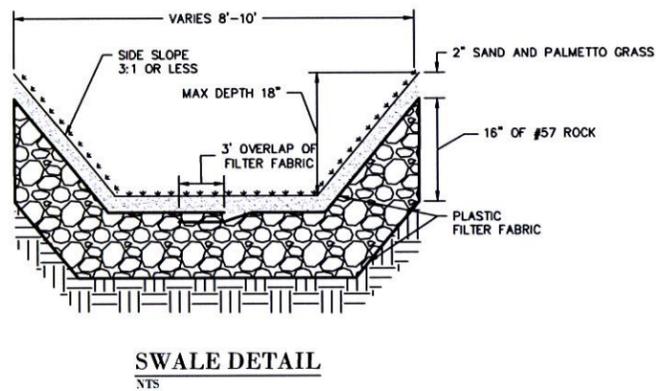
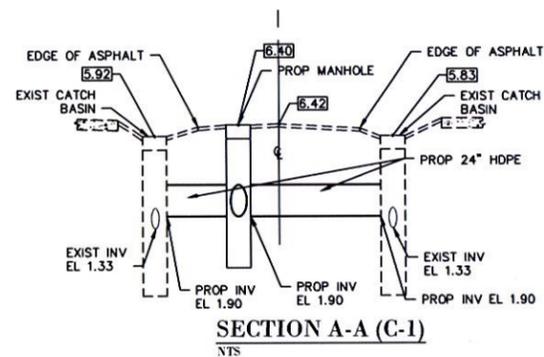
REV.	DATE	REMARKS
1	10/20/20	

ERNESTO A. PEREZ, P.E.
PROFESSIONAL ENGINEER LIC. P.E. No. 22126
8370 Menteth Terrace
MIAMI LAKES, FL 33016
PH. No. (305) 364-6100



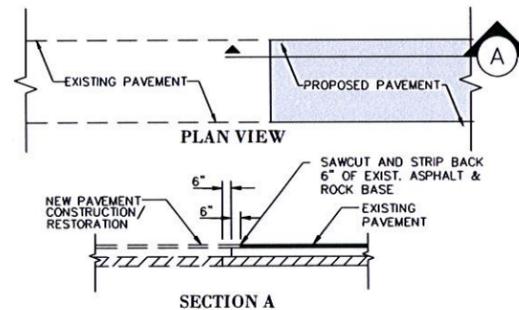
**HUTCHINSON ROAD
PAVEMENT RESTORATION, MARKING &
POLLUTION PREVENTION PLAN**

DRAWN BY:
YAMISLEIDYS PEREZ
DATE:
01-2015
SCALE:
AS SHOWN
PROJECT No.



- NOTES:**
1. PLASTIC FILTER FABRIC (AT EA. SIDE TOP AND BOTTOM) SHALL BE USED IN SANDY AREAS AS NOTED ON PLANS AND/OR AS DIRECTED BY THE ENGINEER.
 2. 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 THAT MAY OCCUR. IF IT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK WILL BE ADDED TO RESTORE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS.

EXFILTRATION TRENCH DETAIL
 NTS



CONNECTION NEW/EXISTING PAVEMENT
 NTS

REVISIONS:

REV.	DATE	REMARKS
1	1/10/2015	

ERNESTO A. PEREZ, P.E.
 PROFESSIONAL ENGINEER L.C. P.E. No. 22126
 8370 Menteth Terrace
 MIAMI LAKES, FL 33016
 PH. No. (305) 364-6100



HUTCHINSON ROAD
 SECTION AND DETAILS

DRAWN BY:
 YAMISLEIDYS PEREZ
 DATE:
 01-2015
 SCALE:
 AS SHOWN
 PROJECT No.

SHEET No.

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF MIAMI LAKES, MIAMI DADE COUNTY, FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND ALL OTHER LOCAL AND NATIONAL CODES WHERE APPLICABLE.
2. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER. SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.
3. THE CONTRACTOR SHALL OBTAIN A SUNSHINE CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION.
4. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
5. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
6. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
7. ALL SUB-GRADE UNDER PAVED AREAS SHALL BE 12" THICK AND HAVE A MINIMUM LBR VALUE OF 40 AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
8. ALL EXISTING TRAFFIC SIGNAGE WITHIN THE ROADWAY RIGHT-OF-WAY TO REMAIN.
9. ALL EXISTING MANHOLES, VALVES, ETC. ARE TO BE ADJUSTED TO MATCH PROPER ELEVATIONS.
10. ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED ON PLANS.
11. ALL TRAFFIC SIGNS SHALL BE CONSTRUCTED OF HIGHLY REFLECTIVE MATERIAL AND BE "STANDARD" SIZE AS ESTABLISHED IN THE MUTCD.
12. WHERE EXISTING PAVEMENT IS TO BE REMOVED, SAW-CUT THE SURFACE LEAVING A UNIFORM AND STRAIGHT EDGE WITH MINIMUM DISTURBANCE TO THE REMAINING ADJACENT SURFACE. IF CONSTRUCTION RESULTS IN RAVELING OF THE SAW-CUT SURFACE, RE-CUT BACK FROM THE RAVELED EDGE PRIOR TO RESTORATION.
13. PRIOR TO DEMOLITION OCCURRING ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
14. ALL SUB-GRADE UNDER PAVED AREAS SHALL BE 12" THICK AND HAVE A MINIMUM LBR VALUE OF 40 AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180.
15. ALL FILL MATERIAL IN AREA NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180.
16. ASPHALT TO BE USED SHALL BE TYPE S-III.
17. SOD TO BE USED SHALL BE PALMETTO GRASS FOR SWALES AREAS. ALL DISTURBED GRASS AREAS SHALL BE RE-SODED.

Standard Project Plan Notes

Note No.	Title	Recommendation
1	Safety Precautions	Contractor is responsible for all safety precautions & OSHA compliance. Contractor is to refer to the Contract Documents for additional requirements.
2	Shop Drawings & Submittals	Contractor is responsible for all Shop Drawings, Product Data & Samples. Contractor is to refer to the Contract Documents for additional requirements.
3	Site Investigation	Contractor is responsible to inspect the site prior to commencing work and contact Sunshine One Call prior to commencing any trenching or digging. Contractor is to refer to the Contract Documents for additional requirements.
4	Trench Safety Act Certification	Contractor shall comply with the Trench Safety Act, Sections 533.60 through 533.64 of the Florida Statutes. Contractor is to refer to the Contract Documents for additional requirements.
5	Existing Utilities	Contractor must contact Sunshine One Call 48 hours prior to commencement of the Work and is to refer to the Contract Documents for additional requirements.
6	Protection of Property, Utilities, & the Public	Contractor is to protect all property and utilities. Contractor is to refer to the Contract Documents for additional requirements.
7	As-Built Drawings	Contractor is responsible for preparing As-Built drawing. Contractor shall comply with the requirements for signing & sealing by a Registered Land Surveyor, if required. Contractor is to refer to the Contract Documents for additional requirements.
8	Compliance with Applicable Laws	Contractor shall comply with all applicable Federal, state, county, and local laws. Contractor is to refer to the Contract Documents for additional requirements.
9	Town Furnished Drawings	Contractor shall immediately notify the Project Manager of any conflicts in the drawings. Contractor is to refer to the Contract Documents for additional requirements.
10	Inspection of the Work	Contractor shall perform testing required by the permitting entities or the Town. Contractor shall refer to the Contract Documents for additional requirements.

REVISIONS:

REV.	DATE	REMARKS
1	1/16/2015	

ERNESTO A. PEREZ, P.E.
 PROFESSIONAL ENGINEER LIC. P.E. No. 22126
 8370 Menteth Terrace
 MIAMI LAKES, FL 33016
 PH. No. (305) 364-6100



HUTCHINSON ROAD
 GENERAL AND PAVEMENT MARKING NOTES

DRAWN BY:
YAMISLEIDYS PEREZ
 DATE:
01-2015
 SCALE:
AS SHOWN
 PROJECT No.

SHEET No.
C-4