

# OSLO PLAZA OSLO PLAZA ASSOCIATES, INC.

INDIAN RIVER CO.,

FLORIDA

SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST

## INDEX OF DRAWINGS

1. COVER SHEET
2. EXISTING CONDITIONS/DEMOLITION PLAN
3. SITE LAYOUT PLAN
4. SITE GRADING & DRAINAGE PLAN
5. SITE UTILITY PLAN
6. OFF-SITE ROADWAY IMPROVEMENTS
7. PAVING & DRAINAGE DETAILS
8. PAVING & DRAINAGE SPECIFICATIONS
9. WATER SYSTEM DETAILS
10. WATER SYSTEM SPECIFICATIONS
11. SANITARY SEWER SYSTEM DETAILS
12. SANITARY SEWER SYSTEM SPECIFICATIONS
13. LIFT STATION SYSTEM DETAILS
14. LIFT STATION SYSTEM SPECIFICATIONS

### OWNER

OSLO PLAZA ASSOCIATES, INC.  
MR. BRIAN WEST, PRESIDENT  
WEST & ASSOCIATES, INC.  
1172 S.W. 30th ST.  
PALM CITY, FL 34990  
(407) 221-8500

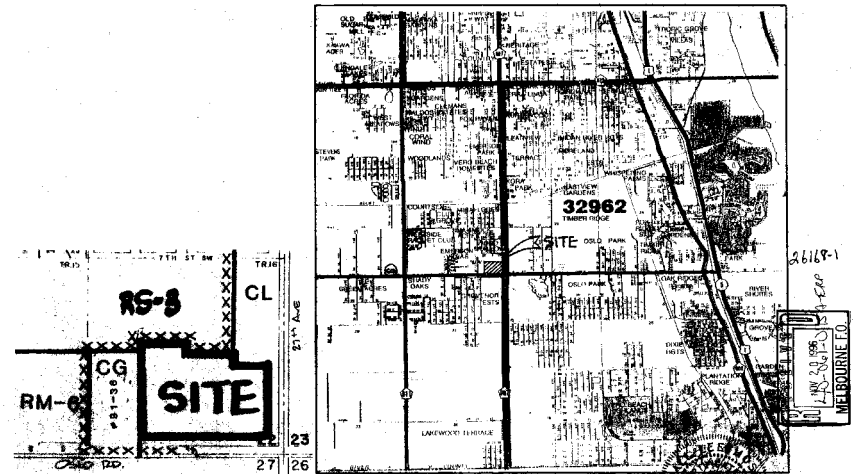
### ENGINEER

MOSBY & ASSOCIATES, INC.  
2455 FOURTEENTH AVE.  
VERO BEACH, FLORIDA 32960  
(561) 569-0035

### SURVEYOR

CARTER ASSOCIATES, INC.  
1708 21st ST.  
VERO BEACH, FL 32960  
(407) 562-4191

## LOCATION MAP



NOV 19 1986  
RANDALL LEE MOSBY, P.E. PLS. PREPARE

DATE	BY	REVISION

JOB NO.	DATE	BY	SCALE

MOSBY AND ASSOCIATES, INC.  
2455 FOURTEENTH AVE.  
VERO BEACH, FLORIDA 32960  
(407) 569-0035



COVER SHEET

OSLO PLAZA  
OSLO PLAZA ASSOC.  
INDIAN RIVER CO., FLORIDA

SHEET  
1  
OF 14

Keep file

4

**LEGAL DESCRIPTION(S):**

**OFF-SITE RETENTION**  
 THE NORTH 280.00 FEET OF THE SOUTH 991.29 FEET OF THE EAST 170.00 FEET OF THE WEST 10.68 ACRES OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST,  
 TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS AND FOR THE PROPOSED INSTALLING UTILITIES AND DRAINAGE PIPES AND STRUCTURES OVER AND UPON THE FOLLOWING DESCRIBED PROPERTY:

THE EAST 50.00 FEET OF THE NORTH 50.00 FEET OF THE SOUTH 731.36 FEET OF THE WEST 10.68 ACRES OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST, INDIAN RIVER FARMS COMPANY SUBDIVISION AS PER PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 25, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, SAID LAND LYING AND BEING IN INDIAN RIVER COUNTY, FLORIDA.  
 (DESCRIPTION PER OFFICIAL RECORD BOOK 1114, PAGE 0955).

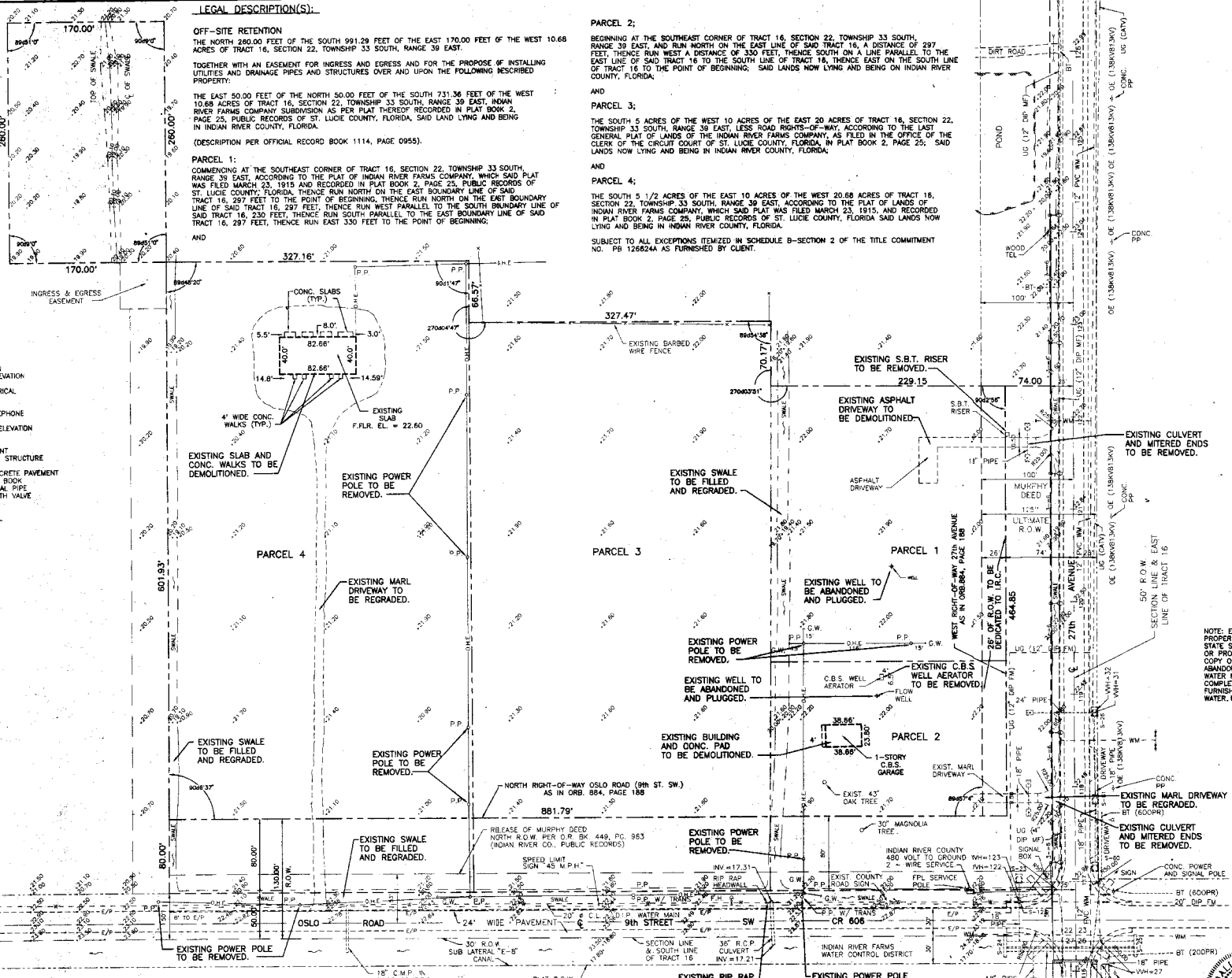
**PARCEL 1:**  
 COMMENCING AT THE SOUTHEAST CORNER OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST, ACCORDING TO THE PLAT OF INDIAN RIVER FARMS COMPANY, WHICH SAID PLAT WAS FILED MARCH 23, 1915 AND RECORDED IN PLAT BOOK 2, PAGE 25, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA, THENCE RUN NORTH ON THE EAST BOUNDARY LINE OF SAID TRACT 16, 297 FEET TO THE POINT OF BEGINNING, THENCE RUN NORTH ON THE EAST BOUNDARY LINE OF SAID TRACT 16, 297 FEET, THENCE RUN WEST PARALLEL TO THE SOUTH BOUNDARY LINE OF SAID TRACT 16, 230 FEET, THENCE RUN SOUTH PARALLEL TO THE EAST BOUNDARY LINE OF SAID TRACT 16, 297 FEET, THENCE RUN EAST 330 FEET TO THE POINT OF BEGINNING;  
 AND

**PARCEL 2:**  
 BEGINNING AT THE SOUTHEAST CORNER OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST, AND RUN NORTH ON THE EAST LINE OF SAID TRACT 16, A DISTANCE OF 297 FEET, THENCE RUN WEST A DISTANCE OF 330 FEET, THENCE SOUTH ON A LINE PARALLEL TO THE EAST LINE OF SAID TRACT 16 TO THE SOUTH LINE OF TRACT 16, THENCE EAST ON THE SOUTH LINE OF TRACT 16 TO THE POINT OF BEGINNING; SAID LANDS NOW LYING AND BEING IN INDIAN RIVER COUNTY, FLORIDA.  
 AND

**PARCEL 3:**  
 THE SOUTH 5 ACRES OF THE WEST 10 ACRES OF THE EAST 20 ACRES OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST, LESS ROAD RIGHTS-OF-WAY, ACCORDING TO THE LAST GENERAL PLAT OF LANDS OF THE INDIAN RIVER FARMS COMPANY, AS FILED IN THE OFFICE OF THE CLERK OF THE CIRCUIT COURT OF ST. LUCIE COUNTY, FLORIDA, IN PLAT BOOK 2, PAGE 25; SAID LANDS NOW LYING AND BEING IN INDIAN RIVER COUNTY, FLORIDA.  
 AND

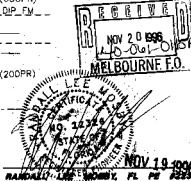
**PARCEL 4:**  
 THE SOUTH 1/2 ACRES OF THE EAST 10 ACRES OF THE WEST 20.68 ACRES OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 39 EAST, ACCORDING TO THE PLAT OF LANDS OF INDIAN RIVER FARMS COMPANY, WHICH SAID PLAT WAS FILED MARCH 23, 1915, AND RECORDED IN PLAT BOOK 2, PAGE 25, PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA SAID LANDS NOW LYING AND BEING IN INDIAN RIVER COUNTY, FLORIDA.  
 SUBJECT TO ALL EXCEPTIONS ITEMIZED IN SCHEDULE B-SECTION 2 OF THE TITLE COMMITMENT NO. PH 126824 AS FURNISHED BY CLIENT.

- LEGEND**
- FD. FOUND
  - SPK SPIKE
  - CONC. CONCRETE
  - MON. MONUMENT
  - IP IRON PIPE
  - NO I.D. NO IDENTIFICATION
  - F. FLR. EL. FINISH FLOOR ELEVATION
  - W/ WITH
  - O.H.E. OVER-HEAD ELECTRICAL
  - TYPC. TYPICAL
  - P.P. POWER POLE
  - S.B.T. SOUTH BELL TELEPHONE
  - 21.6 INVERT
  - C. CENTERLINE
  - E.P. EXISTING GRADE ELEVATION
  - TENS. TENSION
  - E/P EDGE OF PAVEMENT
  - C.B.S. CONCRETE BLOCK STRUCTURE
  - TRANS. TRANSFORMER
  - R.C.P. REINFORCED CONCRETE PAVEMENT
  - O.R.B.K. OFFICIAL RECORD BOOK
  - C.M.P. CORRUGATED METAL PIPE
  - F.H. FIRE HYDRANT WITH VALVE
  - Ø DIAMETER
  - TEL. TELEPHONE
  - (D) DESCRIPTION CALL
  - R.O.W. RIGHT OF WAY
  - GW GUY WIRE



**EXISTING CONDITIONS/DEMOLITION PLAN**

NOTE: EXISTING WELLS MUST BE PROPERLY ABANDONED PER STATE STANDARDS PRIOR TO START OF PROPOSED CONSTRUCTION. A COPY OF THE CONTRACTOR'S WELL ABANDONMENT PERMIT FROM THE WATER MGMT. DISTRICT AND COMPLETION REPORT MUST BE FURNISHED TO F.D.E.P. DRINKING WATER PERMIT DEPT.



**MOSBY AND ASSOCIATES, INC.**  
 2463 - 14TH AVENUE  
 VERO BEACH, FLORIDA 33460  
 (887) 244-7024

**EXISTING CONDITIONS/DEMOLITION PLAN**

**OSLO PLAZA ASSOC.**

**SHEET 2 OF 14**

NOV 19 1998  
 RANKINS, LEE, HARRIS, FL. PG 25222



**SITE DATA**

GENERAL STATEMENT: THE PROPOSED CONSTRUCTION CONSISTS OF A GROCERY STORE AND MISCELLANEOUS RETAIL SHOPS DESIGNED AS PERMITTED USES PER INDIAN RIVER COUNTY LAND DEVELOPMENT REGULATIONS SECTION 11.110. FUTURE PROPOSED CONSTRUCTION CONSISTS OF ADDITIONAL MISCELLANEOUS RETAIL SHOPS, A RESTAURANT, AND AN EXPANSION TO THE GROCERY STORE AS PERMITTED USES PER SECTION 11.110. THE TWO PARCELS SHALL BE DEVELOPED BY OTHERS.

ZONING: CL  
 LAND USE: COMMERCIAL, INDUSTRIAL

SITE REQUIREMENTS:	REQUIRED	PROVIDED
MIN. LOT SIZE	10,000 SF	451,308 SF
MIN. LOT WIDTH	100' F	20.14'
MAX. BLDG. COVERAGE	NONE	NONE
MIN. OPEN SPACE	NONE	28.8%
MIN. OPEN SPACE (ANTERIOR PARKING)	NONE	31.5%
MAX. BLDG. HEIGHT	30'	30'
BUFFER	TYPE B (RS-3)	TYPE B (RS-3)
BLDG. SETBACKS	FRONT: 25'	16.8'
REAR: 10'	56.4'	
SIDE: NONE	NONE	

(+ NO SIDE SETBACKS REQUIRED WHEN ABUTTING NON-RESIDENTIAL USE WITH APPROVED ACCESS EASEMENT)

AREA CALCULATIONS:

SITE	AREA	SF	AC
PARCEL AREA	588,438 SF	13,331 AC	
OFF-SITE RETENTION AREA	4,200 SF	1,018 AC	
ACCESS EASEMENT AREA	24,179 SF	5,553 AC	
GROSS SITE AREA	607,812 SF	13,911 AC	
MURPHY DEED AREA	114,219 SF	2,622 AC	
CUT PARCELS 1 & 2	52,283 SF	1,191 AC	
NET SITE AREA	451,308 SF	10,360 AC	

BLDG. (PROPOSED):

BLDG.	AREA	SF	AC
GROCERY STORE	48,466 SF	1,113 AC	
MISC. RETAIL	9,450 SF	0,217 AC	
NET BLDG. AREA	57,916 SF	1,330 AC	

PARKING (PROPOSED):

PARKING AREA	AREA	SF	AC
PARKING AREA	186,739 SF	4,283 AC	
SIDEWALK AREA	200,836 SF	4,608 AC	
NET PAVEMENT AREA	387,575 SF	8,891 AC	

OPEN SPACE (PROPOSED):

AREA	AREA	SF	AC
GREEN AREA (PERIMETER)	22,222 SF	0,510 AC	
GREEN AREA (INTERIOR)	139,092 SF	3,186 AC	
LAKE AREA	37,294 SF	0,856 AC	
NET OPEN AREA	188,608 SF	4,352 AC	

TOTAL IMPROVISED AREA = 248,824 SF = 5,735 AC = 68.3%

TOTAL OPEN AREA = 201,484 SF = 4,625 AC = 44.7%

TOTAL = 451,308 SF = 10,360 AC = 100.0%

**TRAFFIC STATEMENT**

AVERAGE DAILY TRIPS = 8,720.  
 SEE TRAFFIC STUDY PREPARED BY KALEY HORN AND ASSOCIATES, INC.

**CONSTRUCTION SCHEDULE**

PHASE I  
 START CONSTRUCTION: NOVEMBER 1998  
 END CONSTRUCTION: MAY 1997

PHASE II  
 START CONSTRUCTION: YEAR 1999

**PERMITS REQUIRED**

INDIAN RIVER COUNTY SITE PLAN PERMIT  
 INDIAN RIVER COUNTY TREE REMOVAL PERMIT  
 INDIAN RIVER COUNTY LAND CLEARING PERMIT  
 INDIAN RIVER COUNTY RIGHT-OF-WAY PERMIT  
 INDIAN RIVER COUNTY TYPE "X" STORMWATER PERMIT  
 F.D.O.T. DRIVEWAY AND DRAINAGE PERMIT  
 S.R.M.A.D. STORMWATER PERMIT  
 F.D.E.P. WATER AND WASTEWATER PERMIT

**FLOOD ZONE**

THE SUBJECT PROPERTY IS LOCATED IN FLOOD ZONE "X" PER F.I.R.M. PANEL NO. 120-119 0188 C, DATED MAY 3, 1993.

**WASTEWATER DATA**

CONNECT TO INDIAN RIVER COUNTY UTILITIES

**WATER SOURCE**

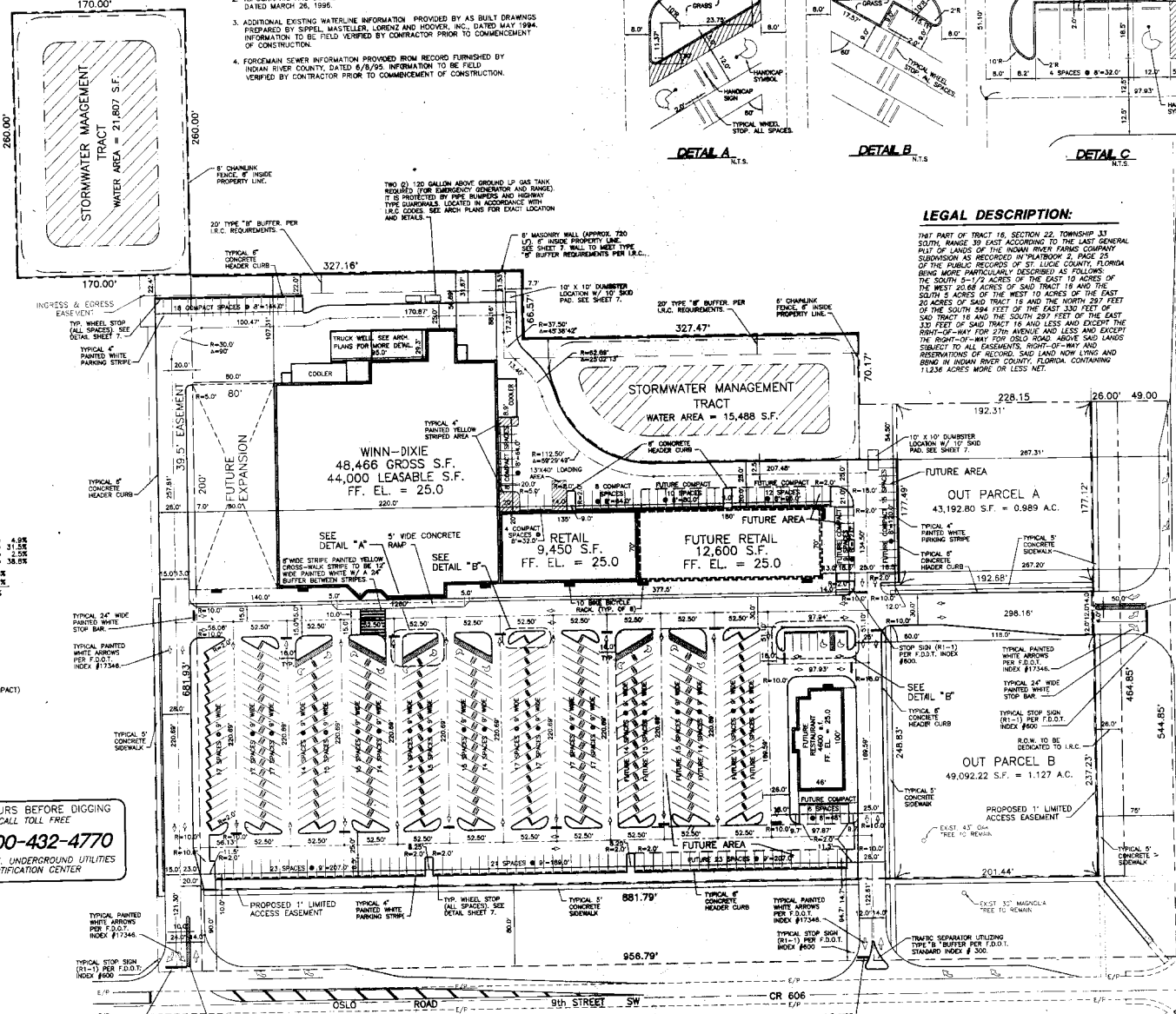
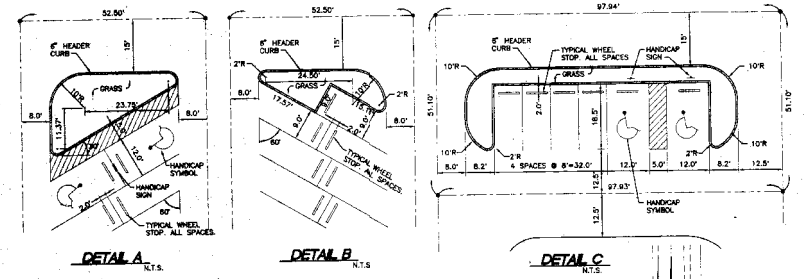
CONNECT TO INDIAN RIVER COUNTY UTILITIES

**TAX PARCEL I.D. NUMBER**

22-33-30-00001-0180-00003.0  
 22-33-30-00001-0180-00004.0  
 22-33-30-00001-0180-00005.0  
 22-33-30-00001-0180-00006.0  
 22-33-30-00001-0180-00007.0 (PORTION)

**SITE NOTES**

1. WATER AND SEWER INFORMATION IN 27TH AVENUE PROVIDED BY INDIAN RIVER COUNTY DEPARTMENT OF UTILITIES SERVICES
2. TOPOGRAPHIC AND BOUNDARY SURVEY PROVIDED BY CARTER ASSOCIATES, INC., DATED MARCH 26, 1996.
3. ADDITIONAL EXISTING WATERLINE INFORMATION PROVIDED BY AS BUILT DRAWINGS PREPARED BY SPIGEL, WASTELLEN, LORENZ AND HOOVER, INC., DATED MAY 1994. INFORMATION TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. FOREMAN'S SEWER INFORMATION PROVIDED FROM RECORD FURNISHED BY INDIAN RIVER COUNTY, DATED 6/8/95. INFORMATION TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.



**LEGAL DESCRIPTION:**

THAT PART OF TRACT 16, SECTION 22, TOWNSHIP 33 SOUTH, RANGE 30 EAST ACCORDING TO THE LAST GENERAL PLAN OF LANDS OF THE INDIAN RIVER CANAL COMPANY SUBDIVISION AS RECORDED IN PLATBOOK 2, PAGE 2 OF THE PUBLIC RECORDS OF ST. LUCIE COUNTY, FLORIDA BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: THE SOUTH 1/2 OF ACRES OF THE EAST 1/2 ACRES OF THE WEST 20.86 ACRES OF SAID TRACT 16 AND THE NORTH 287 FEET OF THE SOUTH 554 FEET OF THE EAST 330 FEET OF SAID TRACT 16 AND THE SOUTH 287 FEET OF THE SOUTH 554 FEET OF THE EAST 330 FEET OF SAID TRACT 16 AND LESS AND EXCEPT THE RIGHT-OF-WAY FOR 27TH AVENUE AND LESS AND EXCEPT RESERVATIONS OF RECORD, SAID LAND NOW LYING AND BEING IN INDIAN RIVER COUNTY, FLORIDA, CONTAINING 1.1236 ACRES MORE OR LESS NET.

18 HOURS BEFORE DIGGING  
 CALL TOLL FREE  
**1-800-432-4770**  
 U.N.C.I.E. UNDERGROUND UTILITIES  
 NOTIFICATION CENTER

NOV 20 1993  
 4:00 PM  
 MELBOURNE, FL

NOV 19 1993  
 RANDALL L. MOSSBY  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF FLORIDA  
 NO. 12166

**SITE LAYOUT PLAN**

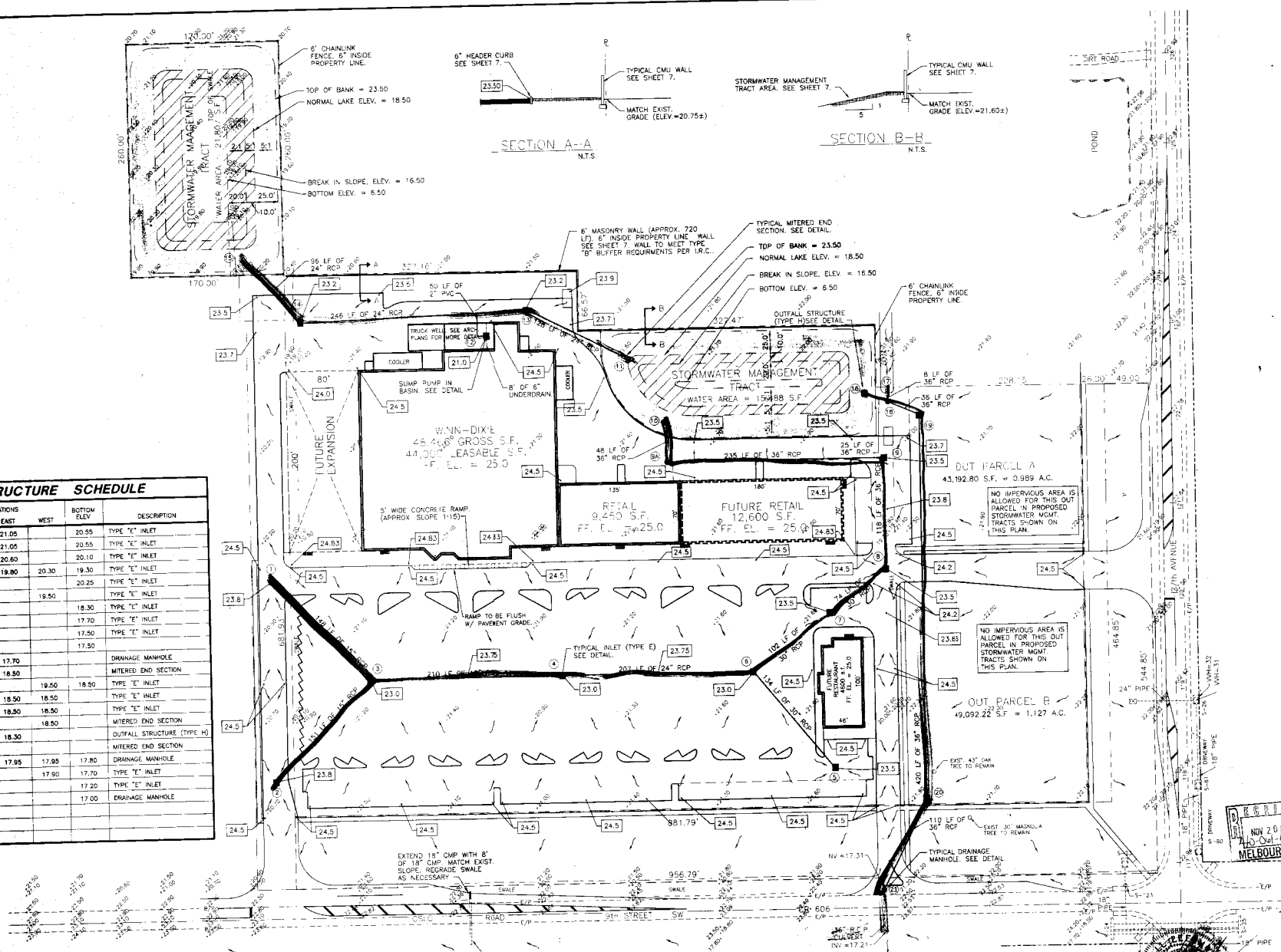
1" = 50'

7

### DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	TOP ELEV.	INVERT ELEVATIONS			BOTTOM ELEV.	DESCRIPTION
		NORTH	SOUTH	EAST		
1	23.80			21.05	20.55	TYPE "E" INLET
2	23.80			21.05	20.55	TYPE "E" INLET
3	23.00	20.85	20.85	20.60	20.10	TYPE "E" INLET
4	23.00			19.80	19.30	TYPE "E" INLET
5	23.50	20.75			20.25	TYPE "E" INLET
6	23.00	19.00	20.55		19.50	TYPE "E" INLET
7	23.50	18.80	18.80		18.30	TYPE "E" INLET
8	23.50	18.20	18.70		17.70	TYPE "E" INLET
9	23.50	18.00	18.00		17.50	TYPE "E" INLET
10	23.50	18.00	18.00		17.50	TYPE "E" INLET
11	24.10	17.70		17.70		DRAINAGE MANHOLE
12				18.50		MITERED END SECTION
13		19.00	19.00	19.50	18.50	TYPE "E" INLET
14			20.90	18.50	18.50	TYPE "E" INLET
15				18.50	18.50	TYPE "E" INLET
16	23.30			18.30		MITERED END SECTION
17						OUTFALL STRUCTURE (TYPE H)
18						MITERED END SECTION
19	23.50	18.25		17.95	17.80	DRAINAGE MANHOLE
20	23.00			17.90	17.70	TYPE "E" INLET
21	22.75	17.45	17.45		17.20	TYPE "E" INLET
22	22.80	17.31	17.31		17.00	DRAINAGE MANHOLE

48 HOURS BEFORE DIGGING  
CALL TOLL FREE  
**1-800-432-4770**  
UNCL.E. UNDERGROUND UTILITIES  
NOTIFICATION CENTER



### SITE GRADING AND DRAINAGE PLAN



NOV 19 1998  
RANBOLL INC. ENGINEERS, P.C. PE #22220

DATE	11/17/98
REVISION	REVISED PER SHOWN
GENERAL DESIGN	11/17/98
REVISED PER SHOWN	11/17/98
JOB NO.	931
DATE	NOV 19 1998
DRAWN	RAM
CHECKED	RAM
SCALE	1" = 50'

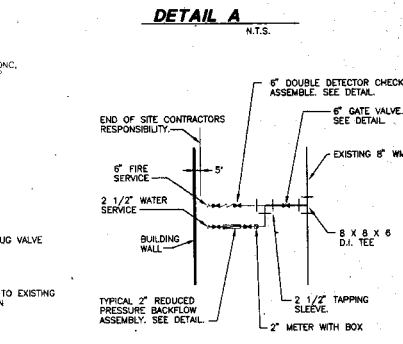
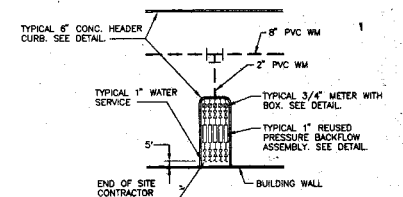
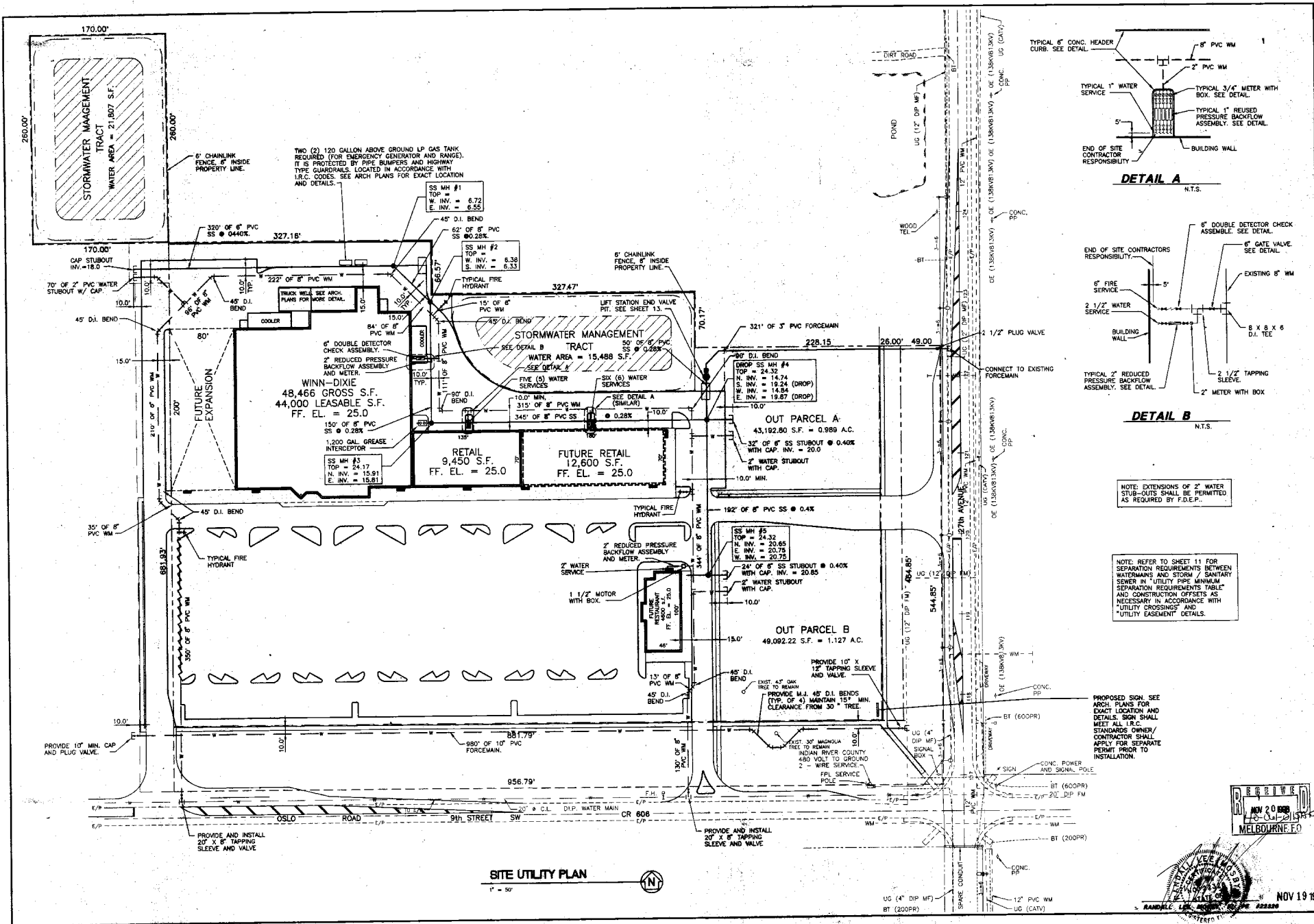
**MOSBY AND ASSOCIATES, INC.**  
REGISTERED PROFESSIONAL ENGINEERS  
2455 - 14TH AVENUE  
VERO BEACH, FLORIDA 33490  
(887) 238-0022



### SITE GRADING AND DRAINAGE PLAN

**OSLO PLAZA  
OSLO PLAZA ASSOC.**  
FLORIDA  
INDIAN RIVER CO.

SHEET  
**4**  
OF 14  
NOV 19 1998  
35-131



**DETAIL A**  
N.T.S.

**DETAIL B**  
N.T.S.

NOTE: EXTENSIONS OF 2" WATER STUB-OUTS SHALL BE PERMITTED AS REQUIRED BY F.D.E.P.

NOTE: REFER TO SHEET 11 FOR SEPARATION REQUIREMENTS BETWEEN WATERMANS AND STORM / SANITARY SEWER IN UTILITY PIPE MINIMUM SEPARATION REQUIREMENTS TABLE AND CONSTRUCTION OFFSETS AS NECESSARY IN ACCORDANCE WITH "UTILITY CROSSINGS" AND "UTILITY EASEMENT" DETAILS.

PROPOSED SIGN, SEE ARCH. PLANS FOR EXACT LOCATION AND DETAILS. SIGN SHALL MEET ALL I.R.C. STANDARDS. OWNER/CONTRACTOR SHALL APPLY FOR SEPARATE PERMIT PRIOR TO INSTALLATION.

**SITE UTILITY PLAN**



DATE	11/17/99
REVISIONS	
NO. 1	GENERAL REVISIONS
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	
NO. 11	
NO. 12	
NO. 13	
NO. 14	
NO. 15	
NO. 16	
NO. 17	
NO. 18	
NO. 19	
NO. 20	
NO. 21	
NO. 22	
NO. 23	
NO. 24	
NO. 25	
NO. 26	
NO. 27	
NO. 28	
NO. 29	
NO. 30	
NO. 31	
NO. 32	
NO. 33	
NO. 34	
NO. 35	
NO. 36	
NO. 37	
NO. 38	
NO. 39	
NO. 40	
NO. 41	
NO. 42	
NO. 43	
NO. 44	
NO. 45	
NO. 46	
NO. 47	
NO. 48	
NO. 49	
NO. 50	
NO. 51	
NO. 52	
NO. 53	
NO. 54	
NO. 55	
NO. 56	
NO. 57	
NO. 58	
NO. 59	
NO. 60	
NO. 61	
NO. 62	
NO. 63	
NO. 64	
NO. 65	
NO. 66	
NO. 67	
NO. 68	
NO. 69	
NO. 70	
NO. 71	
NO. 72	
NO. 73	
NO. 74	
NO. 75	
NO. 76	
NO. 77	
NO. 78	
NO. 79	
NO. 80	
NO. 81	
NO. 82	
NO. 83	
NO. 84	
NO. 85	
NO. 86	
NO. 87	
NO. 88	
NO. 89	
NO. 90	
NO. 91	
NO. 92	
NO. 93	
NO. 94	
NO. 95	
NO. 96	
NO. 97	
NO. 98	
NO. 99	
NO. 100	

**MOSBY AND ASSOCIATES, INC.**  
 PROFESSIONAL ENGINEER  
 1000 W. PALM BEACH BLVD., SUITE 200  
 WEST PALM BEACH, FLORIDA 33411  
 (407) 898-0033

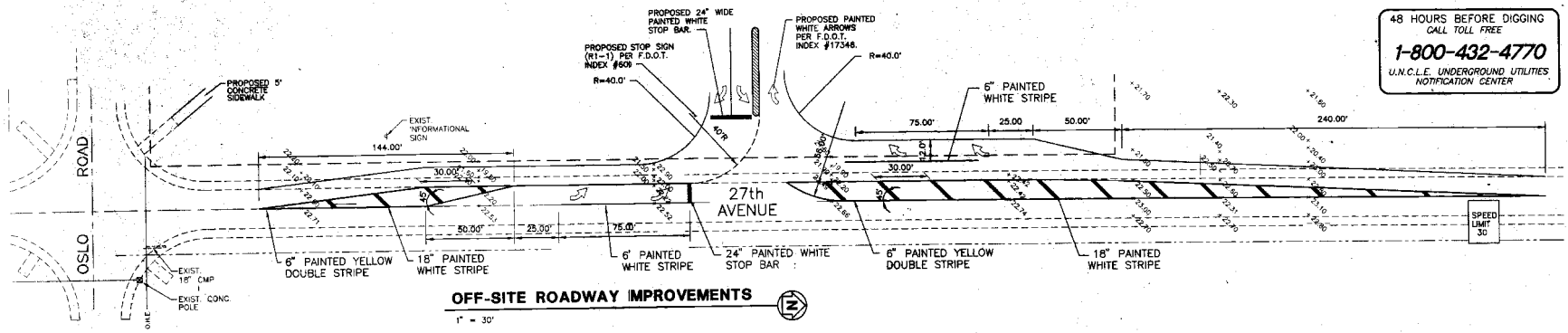


**SITE UTILITY PLAN**

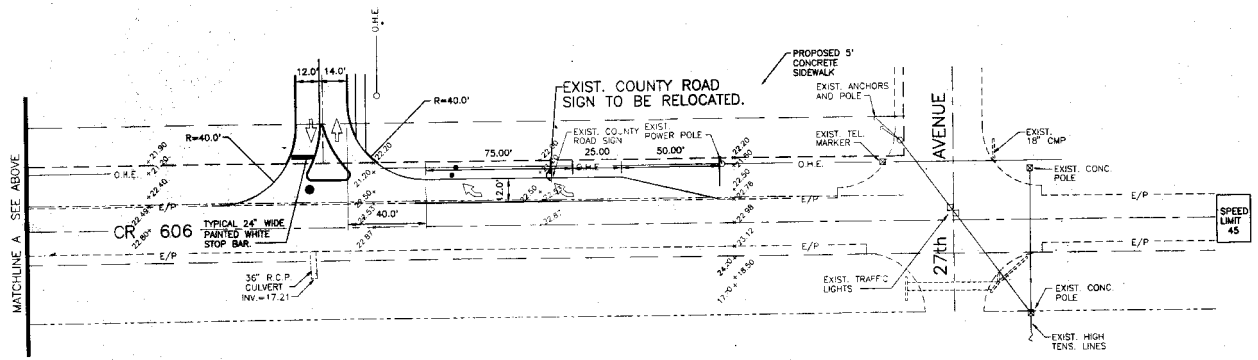
**OSLO PLAZA ASSOC.**  
 OSLO PLAZA ASSOC.  
 INDIAN RIVER CO., FLORIDA

**SHEET 5 OF 14**  
 NOV 19 1999

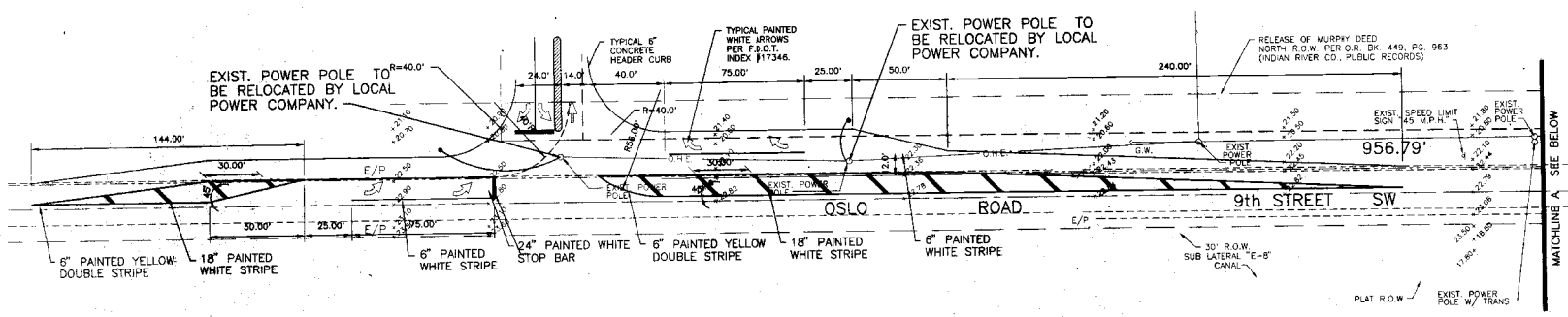
48 HOURS BEFORE DIGGING  
CALL TOLL FREE  
**1-800-432-4770**  
U.N.C.L.E. UNDERGROUND UTILITIES  
NOTIFICATION CENTER



**OFF-SITE ROADWAY IMPROVEMENTS**  
1" = 30'



**OFF-SITE ROADWAY IMPROVEMENTS**  
1" = 30'



**OFF-SITE ROADWAY IMPROVEMENTS**  
1" = 30'



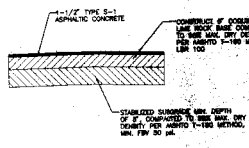
DATE	11/19/96
DRAWN	...
CHECKED	...
IN CHARGE	...
SCALE	1" = 30'

**MOSSBY AND ASSOCIATES, INC.**  
2405 S. 14TH AVENUE  
VERO BEACH, FLORIDA 32909  
PHONE: (407) 778-2011

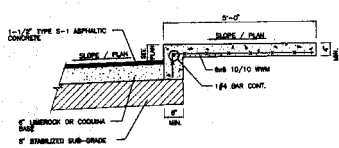
**OFF-SITE ROADWAY IMPROVEMENTS**

OSLO PLAZA ASSOC.  
OSLO PLAZA ASSOC.  
FLORIDA

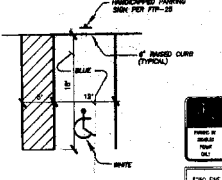
SHEET  
**6**  
OF  
**14**  
95-191



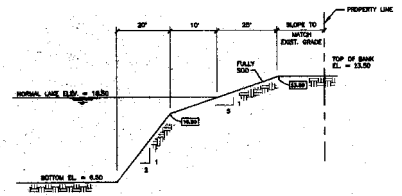
**FLEXIBLE PAVEMENT SECTION**  
N.T.S.



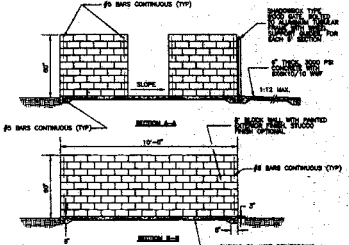
**CONCRETE SIDEWALK DETAIL**  
N.T.S.



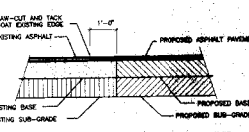
**FTP-25**



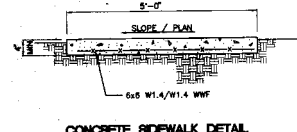
**TYPICAL LAKE SECTION**  
N.T.S.



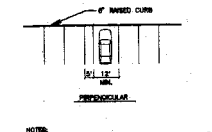
**TRASH CONTAINER DETAIL**  
N.T.S.



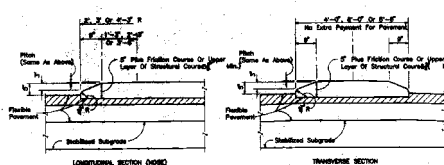
**PAVEMENT SAW-CUT AND BUTT JOINT**  
N.T.S.



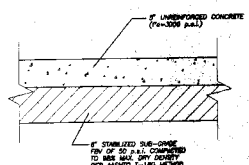
**CONCRETE SIDEWALK DETAIL**  
N.T.S.



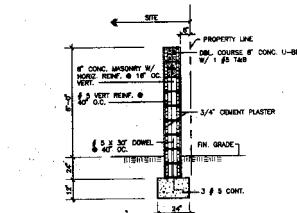
**FTP-25**



**TYPE I CONCRETE TRAFFIC SEPARATOR**  
N.T.S.

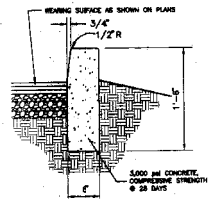


**CONCRETE PAVEMENT SECTION (ALTERNATE)**  
N.T.S.

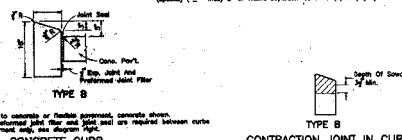


**6' HIGH CMU WALL DETAIL**  
N.T.S.

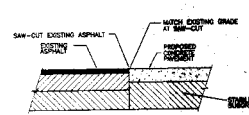
**HANDICAPPED PARKING DETAIL**  
N.T.S.



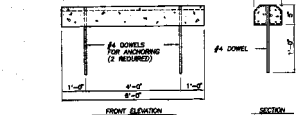
**6' HEADER CURB DETAIL**  
N.T.S.



**TYPE B CONCRETE CURB DETAIL**  
N.T.S.

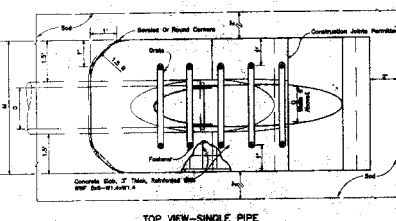


**PAVEMENT SAW-CUT AND BUTT JOINT (ALTERNATE)**  
N.T.S.

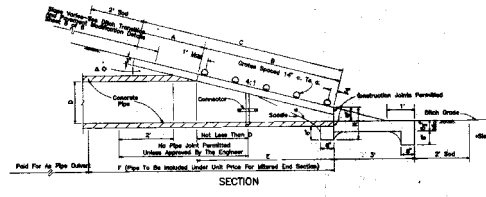


**PRE-CAST CONCRETE WHEEL STOP DETAIL**  
N.T.S.

DIMENSIONS & QUANTITIES																					
GRATE SIZES																					
CONCRETE (Cu. Yds.)																					
ROCKING (Sq. Yds.)																					
D	X	A	B	C	E	F	G	M	N	O	P	Standard	Extra	Single	Double	Triple	Quad	Single	Double	Triple	Quad
12"	15"	18"	24"	30"	36"	42"	48"	6"	12"	18"	24"	12"	18"	24"	30"	36"	12"	18"	24"	30"	36"
1.0	1.5	2.0	3.0	4.0	5.0	6.0	7.0	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.1	0.2



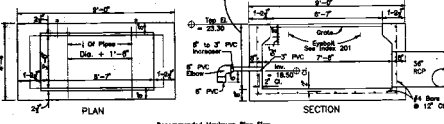
**TOP VIEW-SINGLE PIPE**  
N.T.S.



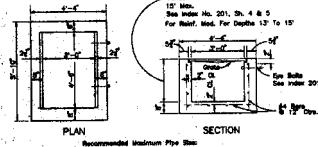
**MITERED END DETAIL**  
N.T.S.



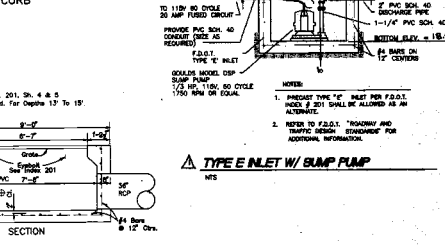
**STEEL GRATES DETAIL**  
N.T.S.



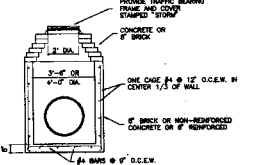
**PRE-CAST TYPE 'H' OVERFLOW STRUCTURE BASIN**  
N.T.S.



**PRE-CAST TYPE 'E' CATCH BASIN**  
N.T.S.



**TYPE E INLET W/ SUMP PUMP**  
N.T.S.



**DRAINAGE MAN-HOLE DETAIL**  
N.T.S.

48 HOURS BEFORE DIGGING CALL TOLL FREE  
**1-800-432-4770**  
 UNCLC UNDERGROUND UTILITIES  
 NORTHEAST CENTER  
 NOV 19 1988  
 MELBOURNE, FL

**MOSBY AND ASSOCIATES, INC.**  
 2000 W. 14TH AVENUE  
 VERO BEACH, FLORIDA 33900  
 PHONE (407) 776-3077  
 FAX (407) 776-3077

**PAVING AND DRAINAGE DETAILS**

OSLO PLAZA  
 OSLO PLAZA ASSOC.  
 FLORIDA

NOV 19 1988  
 OF 14  
 98-191

