

LAND USE BREAKDOWN

SCHOOL PARCEL INCLUDES ACCESS ROAD EXTENTION					
- K-8 BUILDING	46,580 S.F.	1.07 ACRES	11%	IMPERVIOUS	
- PRE-K BUILDING	18,417 S.F.	0.42 ACRES	4%	IMPERVIOUS	
- PAVEMENT	125,507 S.F.	2.88 ACRES	30%	IMPERVIOUS	
- CONCRETE /SIDEWALKS	7,173 S.F.	0.17 ACRES	2%	IMPERVIOUS	
- CONCRETE DUMPSTERS	794 S.F.	0.01 ACRES	0%	IMPERVIOUS	
- BASKETBALL COURT	6,572 S.F.	0.15 ACRES	2%	IMPERVIOUS	
- ACCESS ROAD EXT.	19,013 S.F.	0.44 ACRES	5%	IMPERVIOUS	
- SOCCER FIELD	19,440 S.F.	0.45 ACRES	4%	PERVIOUS	
- TOT LOTS	22,836 S.F.	0.53 ACRES	5%	PERVIOUS	
- DRY DETENTION	51,506 S.F.	1.18 ACRES	12%	PERVIOUS	
- EXISTING CELL TOWER	1,453 S.F.	0.03 ACRES	1%	PERVIOUS	
- GREEN SPACE	102,976 S.F.	2.37 ACRES	24%	PERVIOUS	
TOTAL	422,267 S.F.	9.70 ACRES	100%		

- BUILDINGS	2,940 S.F.	0.07 ACRES	8%	IMPERVIOUS	
- PAVEMENT	14,318 S.F.	0.33 ACRES	36%	IMPERVIOUS	
- CONCRETE	4,330 S.F.	0.10 ACRES	11%	IMPERVIOUS	
- SIDEWALKS	1,110 S.F.	0.03 ACRES	3%	IMPERVIOUS	
- DRY DETENTION	4,356 S.F.	0.10 ACRES	11%	PERVIOUS	
- GREEN SPACE	12,632 S.F.	0.29 ACRES	31%	PERVIOUS	
TOTAL	39,998 S.F.	0.92 ACRES	100%		

SHOPPING CENTER					
- GROCERY BUILDING	31,860 S.F.	0.73 ACRES	8%	IMPERVIOUS	
- RETAIL BUILDING	12,000 S.F.	0.28 ACRES	3%	IMPERVIOUS	
- FUTURE BUILDINGS	15,900 S.F.	0.36 ACRES	4%	PERVIOUS	
- PAVEMENT	170,437 S.F.	3.91 ACRES	45%	IMPERVIOUS	
- CONCRETE	2,402 S.F.	0.06 ACRES	1%	IMPERVIOUS	
- SIDEWALKS	4,878 S.F.	0.11 ACRES	1%	IMPERVIOUS	
- NEW SIDEWALK	1,672 S.F.	0.04 ACRES	1%	IMPERVIOUS	
- DRY DETENTION	12,790 S.F.	0.29 ACRES	3%	PERVIOUS	
- WET DETENTION	21,851 S.F.	0.50 ACRES	6%	PERVIOUS	
- GREEN SPACE	103,653 S.F.	2.38 ACRES	28%	PERVIOUS	
TOTAL	377,443 S.F.	8.66 ACRES	100%		

POND					
- DRY DETENTION	5,956 S.F.	0.14 ACRES	15%	PERVIOUS	
- WET DETENTION	21,780 S.F.	0.50 ACRES	53%	PERVIOUS	
- GREEN SPACE	13,252 S.F.	0.30 ACRES	32%	PERVIOUS	
TOTAL	40,988 S.F.	0.94 ACRES	100%		

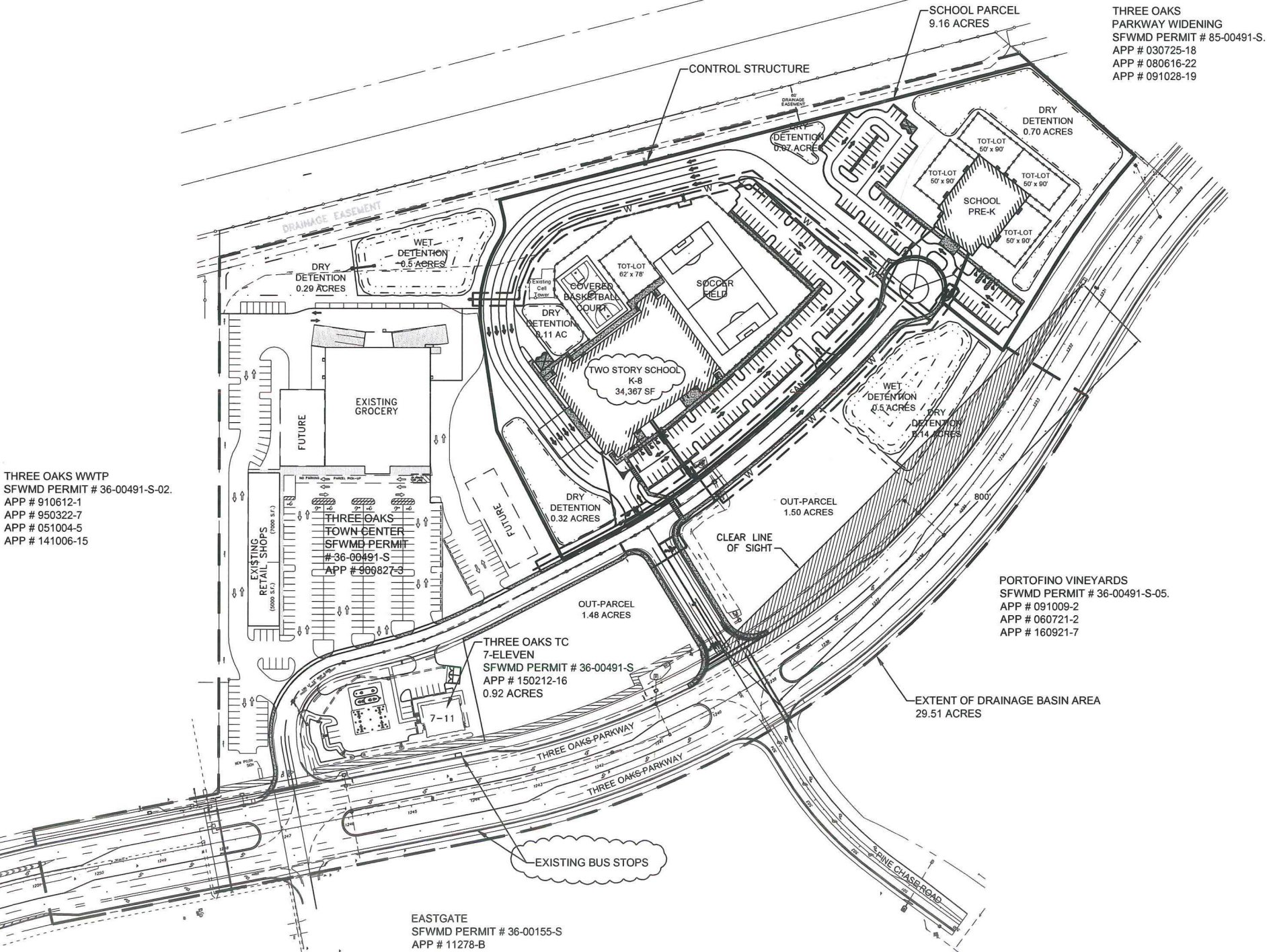
CONCEPTUAL OUT-PARCELS *					
- NORTH	64,070 S.F.	1.48 ACRES	50%	PERVIOUS	
- SOUTH	65,210 S.F.	1.50 ACRES	50%	PERVIOUS	
TOTAL	129,280 S.F.	2.98 ACRES	100%		

* WATER QUALITY PRETREATMENT TO BE ADDRESSED AT LATER DATE.

OFF-SITE DRAINAGE THREE OAKS PARKWAY RIGHT-OF-WAY **					
- PAVEMENT	168,122 S.F.	3.86 ACRES	61%	IMPERVIOUS	
- GREEN SPACE	107,509 S.F.	2.47 ACRES	39%	PERVIOUS	
TOTAL OFF-SITE	275,631 S.F.	6.33 ACRES	100%		

** THIS PORTION OF THREE OAKS PARKWAY IS EXISTING AND DRAINS THROUGH THIS PROJECT CONTROL STRUCTURE. WATER QUALITY FOR THIS AREA HAS PREVIOUSLY BEEN ACCOUNTED FOR.

NOTE:
SEE SHEET 5 FOR DRAINAGE STRUCTURES AND PIPING.



THREE OAKS
MIDDLE SCHOOL
SFWM PERMIT # 36-00491-S-06
APP # 911230-1

STORM WATER MANAGEMENT SUMMARY											
CONTROL ELEVATION	PROPOSED FINISHED FLOOR MINIMUM	FEMA FLOOD ELEVATION MINIMUM	PROPOSED ROAD CROWN MINIMUM	PARKING LOT ELEVATION MINIMUM	PERIMETER BERM ELEVATION MINIMUM	RAINFALL DEPTH AND RESULTANT PEAK STORAGE ELEVATION				ALLOWABLE DISCHARGE RATE	PEAK DISCHARGE RATE
						5 YEAR 1 DAY STORM	10 YEAR 1 DAY STORM	25 YEAR 3 DAY STORM	100 YEAR 3 DAY STORM (ZERO DISCHARGE)		
14.7' NAVD	19.0' NAVD	FLOOD ZONE X	17.0' NAVD	17.0' NAVD	17.6' NAVD	16.81' NAVD	16.98' NAVD	17.35' NAVD	18.05' NAVD	7.4 CFS PER APPLICATION 900827-3	7.4 CFS

ATHENIAN THREE OAKS

IN
SECTION 15, TOWNSHIP 46S, RANGE 25E
LEE COUNTY, FLORIDA

MASTER DRAINAGE PLAN

TIMOTHY E. PUGH, P.E.
FLORIDA CERTIFICATE NUMBER 42041

DATE: _____ 20__



SOURCE, INC.
ENGINEERS - PLANNERS
Engineering Business #2627

1334 LAFAYETTE STREET • CAPE CORAL, FL 33904
TELEPHONE (239)549-2345 FAX (239)549-6779

JOB NO.
824-01-17

DATE
09-19-17

SHEET NO.
4

DRAWN BY:
JN

FILE NAME:
04-824

(REDUCED TO HALF SCALE)

REVISION	DATE	REMARKS	CHG. BY
5	12-27-18	REVISED PER LEE COUNTY COMMENTS 12-18-18	JN
3	06-13-18	REVISED BUILDING FOOTPRINT	JN
2	04-24-18	REVISED PER MARKED UP PRINT	JN
1	03-08-18	REVISED	JN