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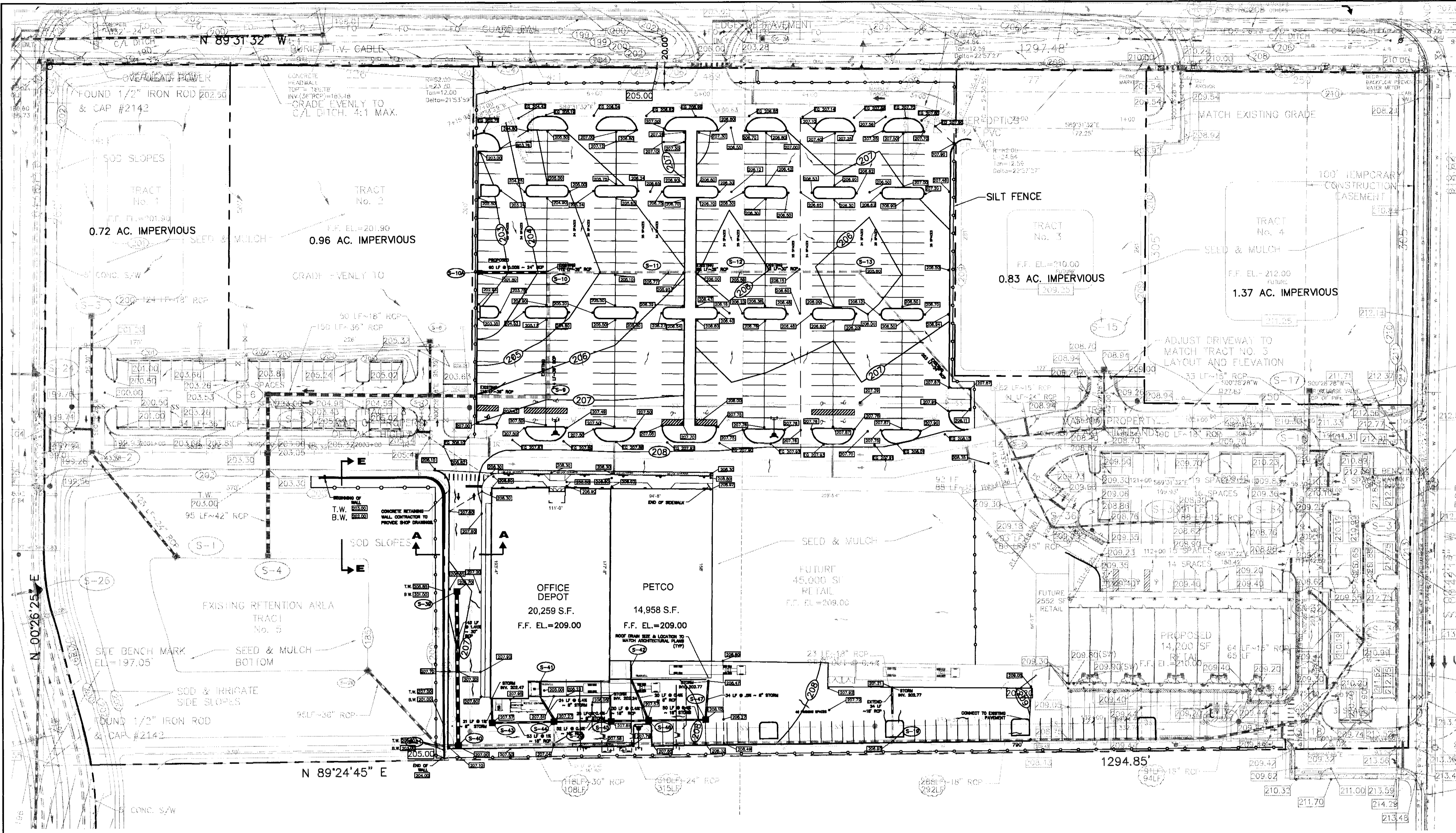
# Oversized Drawings

1723

8 4016-6

St. Johns  
MAP 4156

Drawings



**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL EXISTING GRADES ON SITE BEFORE BEGINNING WORK. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY MAJOR DIFFERENCES BETWEEN CONTRACTOR'S DATA AND DRAWINGS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STORMWATER COLLECTION SYSTEMS FROM DAMAGE BY SEDIMENT OR OTHER CONSTRUCTION RELATED CAUSES.
- SIZES, LOCATION AND INVERT ELEVATIONS OF EXISTING PIPE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- EROSION CONTROL SHALL BE MAINTAINED WITHIN DISTURBED CONSTRUCTION AREAS BY QUICKLY STABILIZING DISTURBED AREAS TO PREVENT THE RELEASE OF SEDIMENT. THIS SHALL BE ACCOMPLISHED USING SOD, TURBIDITY FENCES, HAY BALES, AND OTHER MEANS ACCEPTABLE TO OWNER, ENGINEER AND REGULATORY AGENCIES.
- ALL STORM DRAINAGE INLETS AND PIPES SHALL BE PROTECTED FROM SILT, SAND AND DEBRIS DURING CONSTRUCTION. ANY ACCUMULATION OF DEBRIS WITHIN THE STORM DRAINAGE PIPE SYSTEM SHALL BE REMOVED.
- PROVIDE HAY BALES IN FRONT OF ALL DRAINAGE CURB INLETS AFTER INITIAL COMPLETION OF THE DRAINAGE STRUCTURES. MAINTAIN THESE MEASURES DAILY.
- SILT FENCE SHALL BE IN-PLACE AS SHOWN PRIOR TO CONSTRUCTION. DELINEATED MEASURES ARE MINIMUM REQUIRED. PLEASE SEE DETAIL SHEETS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION ON EROSION CONTROL. ADDITIONAL CONTROLS ARE TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS.
- EXCESS EXCAVATED UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- DEWATERING, IF REQUIRED, DURING CONSTRUCTION SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
- ALL DISTURBED AREAS TO BE SODDED OR SEEDED AND MULCHED. SIDE SLOPES TO BE SODDED.
- GRADING SHOWN ON THESE PLANS IS PROVIDED TO THE CONTRACTOR TO EXPRESS THE GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL BE EXPECTED TO GRADE THE ENTIRE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING HAS BEEN COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.
- TREES TO BE PLANTED AT TIME OF INDIVIDUAL PARCEL DEVELOPMENT.
- THE CONNECTOR ROAD AND ALL ASSOCIATED STORMWATER PIPE IS NOT PART OF THE SJRWMD PERMIT APPLICATION.
- CONTRACTOR TO PROVIDE STRUCTURAL DESIGN FOR RETAINING WALL, PROVIDE SHOP DRAWINGS & PERMIT THROUGH THE BUILDING DEPARTMENT.
- CONTRACTOR TO COORDINATE STORM PIPE LOCATIONS WITH ARCHITECT FOR BUILDING CONNECTIONS (E.G. DOWN SPOUTS, SUMP PUMPS, ETC.) PRIOR TO LAYOUT OR CONSTRUCTION.

**KELLY, COLLINS & GENTRY, INC.**  
 1700 NORTH ORANGE AVENUE, SUITE 400  
 ORLANDO, FLORIDA 32804  
 (407) 688-7668 FAX (407) 688-1488

NO.	DATE	REVISION
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PREPARED FOR:  
**PRESCO ASSOCIATES, LLC**

**OFFICE DEPOT & PETCO COLLEGE STATION CENTER**

**PAVING, GRADING, AND DRAINAGE PLAN**

**SITE INFORMATION**

SITE = 18.42 AC.  
 PREVIOUSLY PERMITTED IMPERVIOUS = 7.46 AC.  
 PROPOSED IMPERVIOUS = 4.52 AC.  
 (THIS PROJECT)  
 TOTAL IMPERVIOUS = 11.98 AC. = 11.98/18.42 = 65.0%

**AREA**  
 18.42 AC.  
 7.46 AC.  
 4.52 AC.  
 11.98 AC. = 11.98/18.42 = 65.0%

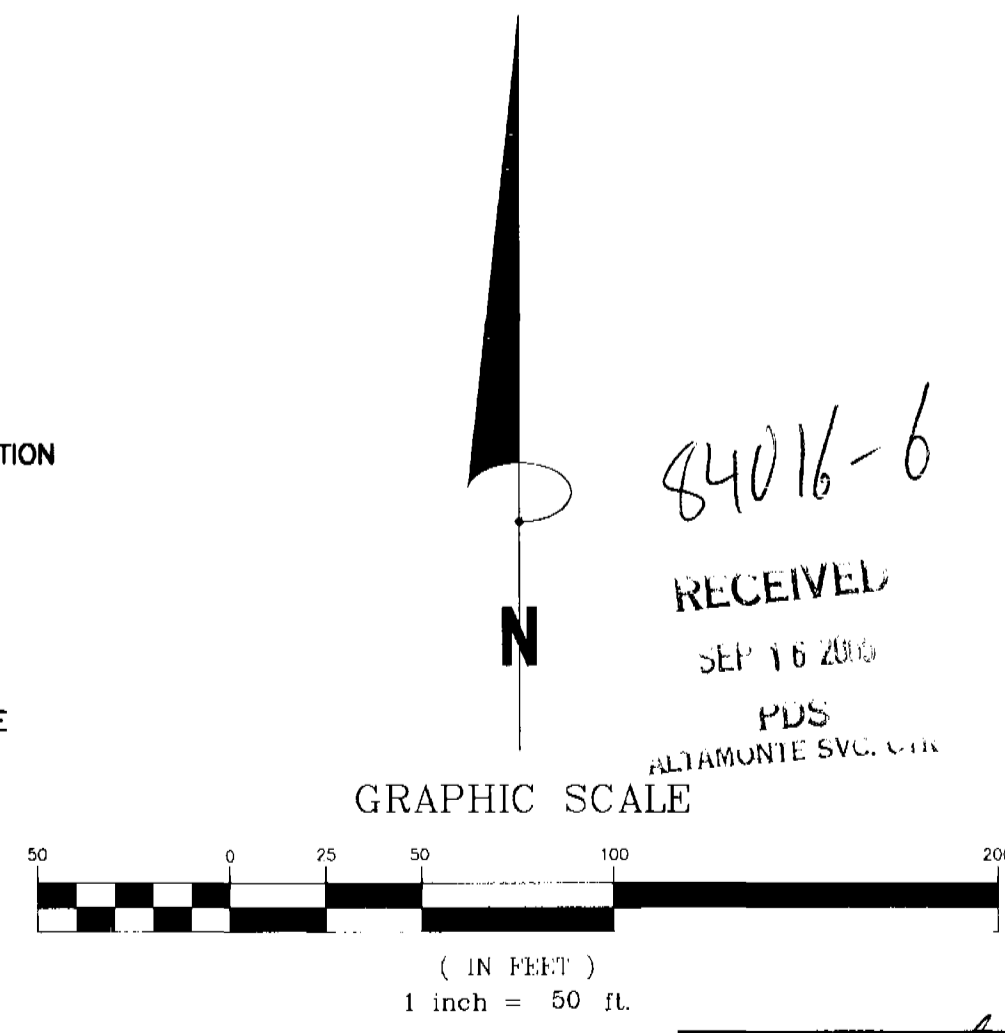
**STORM SEWER SCHEDULE**

NOTE: ALL STRUCTURES SHOWN WITHIN PAVED AREAS SHALL HAVE TRAFFIC BEARING GRATES.

- S-9 MANHOLE TYPE "P" TOP EL. 206.84 205.82 N INV. 197.55 197.52 W INV. 197.55 197.52
- S-10 TYPE "C" INLET F.D.O.T. INDEX # 232 S INV. 198.00 197.92 E INV. 198.00 197.96 W INV. 197.96 (PROPOSED)
- S-10A TYPE "C" INLET F.D.O.T. INDEX # 232 E INV. 197.96
- S-11 TYPE "C" INLET F.D.O.T. INDEX # 232 W INV. 198.53 198.55 E INV. 198.53 198.59
- S-12 TYPE "C" INLET F.D.O.T. INDEX # 232 W INV. 198.75 198.70 E INV. 198.75 198.74
- S-13 TYPE "C" INLET F.D.O.T. INDEX # 232 SE INV. 199.19 199.01 W INV. 199.19 199.03
- S-19 TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 206.95 E INV. 201.93 201.87 W INV. 201.93 201.87
- S-20 TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 207.04 E INV. 201.18 201.14 W INV. 201.18 200.94 N INV. 201.18 201.14
- S-21 MANHOLE TYPE "P" TOP EL. 202.00 201.82 NW INV. 192.00 192.01 E INV. 192.00
- S-39 TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 206.70 S INV. 202.00
- S-40 TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 N INV. 200.00 E INV. 193.89 W INV. 193.89
- S-41 TRENCH DRAIN TOP EL. 204.90 S INV. 201.30
- S-42 TRENCH DRAIN TOP EL. 205.00 S INV. 201.63
- S-43 TYPE "C" INLET F.D.O.T. INDEX # 232 N&E INV. 202.17
- S-44 TYPE "C" INLET F.D.O.T. INDEX # 232 N,W&E INV. 201.22
- S-45 TYPE "C" INLET F.D.O.T. INDEX # 232 N,W&E INV. 201.43
- S-46 TYPE "C" INLET F.D.O.T. INDEX # 232 N,W&E INV. 201.55
- S-47 TYPE "C" INLET F.D.O.T. INDEX # 232 N&W INV. 201.77

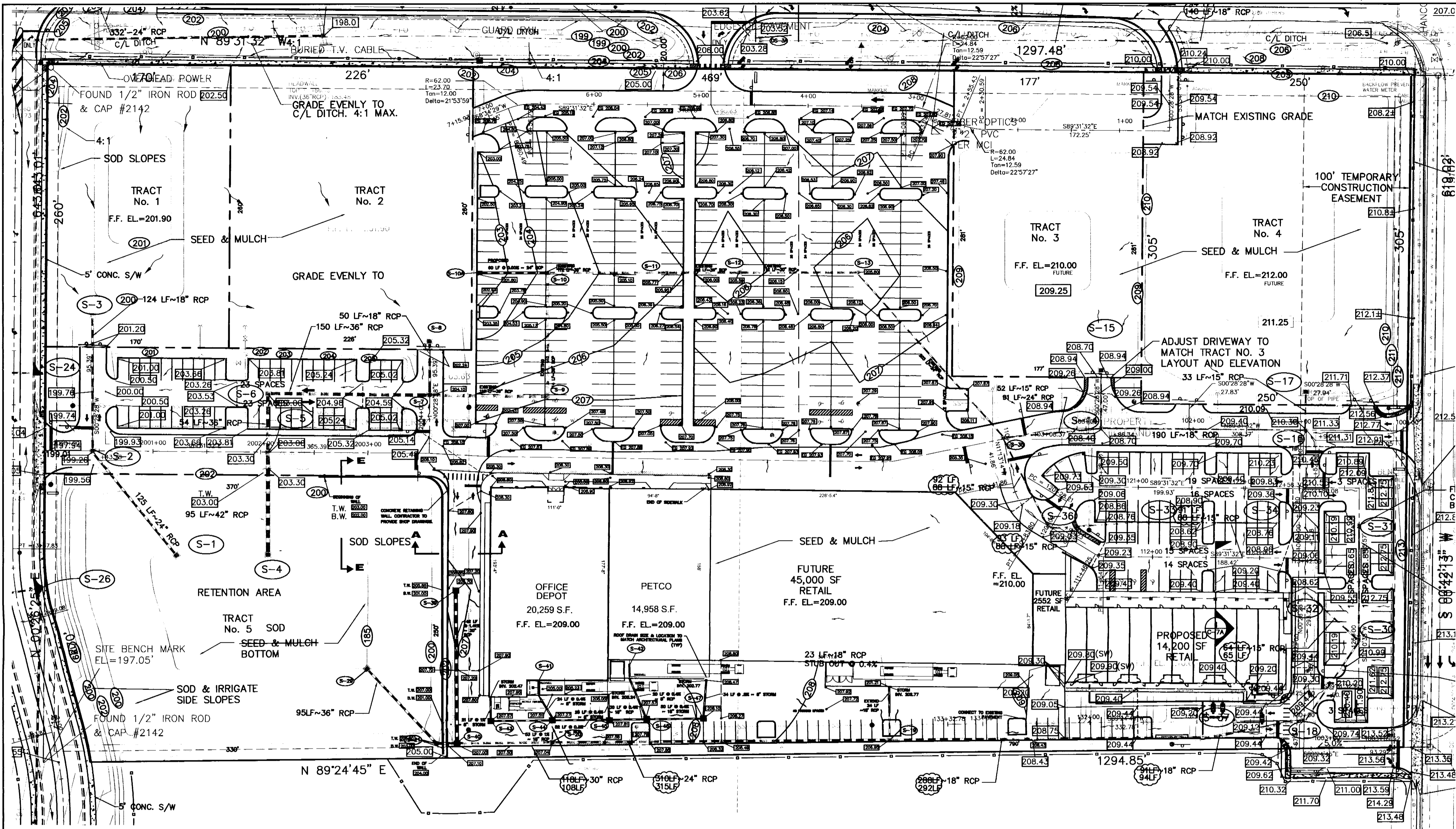
**LEGEND**

- 207.09 PROPOSED SPOT ELEVATION (BY OTHERS)
- 88.83 PROPOSED SPOT ELEVATION AT PAVEMENT OR GROUND
- H.P. HIGH POINT
- 87 PROPOSED CONTOUR ELEVATION TO BE BUILT IN FUTURE
- x 88.00 EXISTING SPOT ELEV.
- Flow Arrow OVER HARD SURFACE
- Proposed Storm Manhole
- Proposed Inlet
- Proposed Storm Pipe
- T.W. TOP OF WALL
- Flow Arrow OVER GROUND
- SILT FENCE



P.E. CERT. OF AUTHORIZATION  
 7/2007  
 KELLY, COLLINS & GENTRY, P.E.  
 FLORIDA REGISTRATION 44677  
 NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

DRAWN: SCF  
 DESIGN: JBD  
 CHECKED: SMG  
 JOB NO.: 355,000  
 DATE: 06-29-09  
 SHEET C-3



**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL EXISTING GRADES ON SITE BEFORE BEGINNING WORK. THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY OF ANY MAJOR DIFFERENCES BETWEEN CONTRACTOR'S DATA AND DRAWINGS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STORMWATER COLLECTION SYSTEMS FROM DAMAGE BY SEDIMENT OR OTHER CONSTRUCTION RELATED CAUSES.
- SIZES, LOCATION AND INVERT ELEVATIONS OF EXISTING PIPE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- EROSION CONTROL SHALL BE MAINTAINED WITHIN CONSTRUCTION AREAS BY QUICKLY STABILIZING DISTURBED AREAS TO PREVENT THE RELEASE OF SEDIMENT. THIS SHALL BE ACCOMPLISHED USING SOD, TURBIDITY FENCES, HAY BALES, AND OTHER MEANS ACCEPTABLE TO OWNER, ENGINEER AND REGULATORY AGENCIES.
- ALL STORM DRAINAGE INLETS AND PIPES SHALL BE PROTECTED FROM SILT, SAND AND DEBRIS DURING CONSTRUCTION. ANY ACCUMULATION OF DEBRIS WITHIN THE STORM DRAINAGE PIPE SYSTEM SHALL BE REMOVED.
- PROVIDE HAY BALES IN FRONT OF ALL DRAINAGE CURB INLETS FOR ADDITIONAL INFORMATION ON EROSION CONTROL. ADDITIONAL CONTROLS ARE TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION OPERATIONS.
- EXCESS EXCAVATED UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- DEWATERING, IF REQUIRED, DURING CONSTRUCTION SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS.
- ALL DISTURBED AREAS TO BE SODDED OR SEEDED AND MULCHED. SIDE SLOPES TO BE SODDED.
- GRADING SHOWN ON THESE PLANS IS PROVIDED TO THE CONTRACTOR TO EXPRESS THE GENERAL GRADING INTENT OF THE PROJECT. THE CONTRACTOR SHALL BE EXPECTED TO GRADE THE ENTIRE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS THROUGHOUT THE SITE. SMOOTH TRANSITIONS SHALL BE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER FINAL GRADING HAS BEEN COMPLETED. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.
- TREES TO BE PLANTED AT TIME OF INDIVIDUAL PARCEL DEVELOPMENT.
- THE CONNECTOR ROAD AND ALL ASSOCIATED STORMWATER PIPE IS NOT PART OF THE SWRMWD PERMIT APPLICATION.
- TRACTS 1-4 ARE TO BE GRADED TO THE INLETS LOCATED AT THE SOUTHERLY PARCEL LINES.
- CONTRACTOR TO PROVIDE STRUCTURAL DESIGN FOR RETAINING WALL. PROVIDE SHOP DRAWINGS & PERMIT THROUGH THE BUILDING DEPARTMENT.
- CONTRACTOR TO COORDINATE STORM PIPE LOCATIONS WITH ARCHITECT FOR BUILDING CONNECTIONS (E.G. DOWN SPOUTS, SLUMP PUMPS, ETC.) PRIOR TO LAYOUT OR CONSTRUCTION.

**STORM SEWER SCHEDULE**

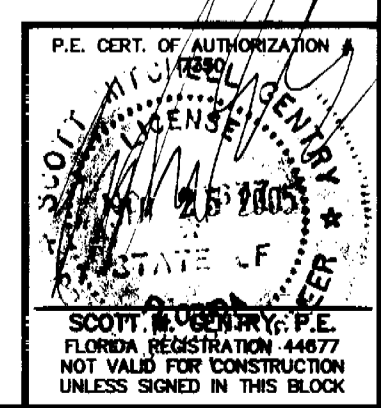
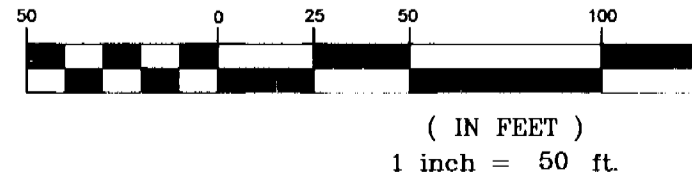
NOTE: ALL STRUCTURES SHOWN WITHIN PAVED AREAS SHALL HAVE TRAFFIC BEARING GRATES.

S-1	TYPE "E" INLET F.D.O.T. INDEX # 232 TOP EL. 199.00 190.09 SW-NE SLOPE EL. 196.00 (2) SLOT EL. SW 186.13, NE 186.15 NW INV. 185.00 184.76 BOTTOM EL. 184.00 184.09	S-6	TYPE "C" INLET F.D.O.T. INDEX # 232 E INV. 189.00 189.13 S INV. 189.00 189.13	S-12	TYPE "C" INLET F.D.O.T. INDEX # 232 W INV. 198.75 198.70 E INV. 198.75 198.74	S-19	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 206.95 E INV. 204.93 201.87 W INV. 204.93 201.87 N INV. 204.93 201.87	S-26	SEE SHEET C-5
S-2	TYPE "E" INLET FDOT INDEX # 232 W/TYPE "J" BOTTOM F.D.O.T. INDEX # 200 N INV. 195.46 195.19 S INV. 195.46 195.19	S-7	MANHOLE TYPE "P" N INV. 192.40 192.11 E INV. 192.40 192.11 W INV. 197.13 197.63	S-13	TYPE "C" INLET F.D.O.T. INDEX # 232 SE INV. 199.19 199.01 W INV. 199.19 199.03	S-20	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 207.04 E INV. 204.18 201.14 W INV. 204.18 201.14 N INV. 204.18 201.14	S-27	SEE SHEET C-5
S-3	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 204.50 201.62 S INV. 195.96 196.05	S-8	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 204.60 201.62 S INV. 193.00 192.96	S-14	TYPE "C" INLET F.D.O.T. INDEX # 232 E INV. 202.39 202.42 W INV. 202.39 202.41 N INV. 202.39 202.42	S-21	MANHOLE TYPE "P" TOP EL. 202.00 201.82 NW INV. 192.00 192.01 E INV. 192.00	S-28	M.E.S. F.D.O.T. INDEX # 273 INV. EL. 192.00 192.18
S-4	TYPE "E" INLET F.D.O.T. INDEX # 232 TOP EL. 199.00 190.57 W-E SLOPE EL. 187.00 (2) SLOT EL. W 187.69, E 187.65 N INV. EL. 185.00 185.29 BOTTOM EL. 184.00 184.56	S-9	MANHOLE TYPE "P" TOP EL. 206.84 205.82 N INV. 197.55 197.52 W INV. 197.55 197.52	S-15	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 208.66 208.56 S INV. 202.60 202.66	S-22	DRAINAGE MANHOLE TOP EL. 206.34 206.30 NW INV. 199.77 199.70 S INV. 199.77 199.70	S-35	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.45 207.50 NW INV. 204.42 201.41 E INV. 201.42 S INV. 204.42 201.38
S-5	TYPE "E" INLET F.D.O.T. INDEX # 232 N INV. 198.00 189.05 S INV. 198.00 189.05	S-10	TYPE "C" INLET F.D.O.T. INDEX # 232 S INV. 198.00 197.92 E INV. 198.00 197.96 W INV. 197.96 (PROPOSED)	S-16	TYPE "C" INLET F.D.O.T. INDEX # 232 W INV. 204.60 204.47 N INV. 204.50 204.49	S-23	SEE SHEET C-5	S-36	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 208.73 208.83 NW INV. 204.65 201.65 E INV. 204.65 201.67
		S-11	TYPE "C" INLET F.D.O.T. INDEX # 232 W INV. 197.96	S-17	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 211.00 210.82 S INV. 204.63 204.66	S-24	SEE SHEET C-5	S-37	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 208.04 208.91 NW INV. 203.87 203.80 E INV. 203.87 203.81
				S-18	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48	S-25	SEE SHEET C-5	S-38	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 203.50 202.43 W INV. 198.70 197.80 E SLOT INV. 202.60 201.83
				S-19	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48	S-26	SEE SHEET C-5	S-39	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 206.70 S INV. 202.00
				S-20	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48	S-27	SEE SHEET C-5	S-40	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 N INV. 193.89 E INV. 193.89
				S-21	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-1	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 207.00 E SLOT INV. 206.00 W INV. 204.50
				S-22	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-2	M.E.S. F.D.O.T. INDEX # 273 E INV. 204.22 205.21
				S-23	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-3	DELETED
				S-24	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-3A	EXISTING FDOT DITCH INLET TOP EL. 199.43 (EXISTING) TOP EL. 202.60 (RAISED) 201.99 E INV. 202.00 (SLOT) 201.04 N INV. 197.94
				S-25	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-4	DELETED
				S-26	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-4A	DELETED
				S-27	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-5	DITCH INLET TOP EL. 200.00 199.95 N INV. 196.16 (EXISTING) (MAINTAIN EXIST. SLOPE TO PROP. STRUCTURE.)
				S-28	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 209.03 208.91 W INV. 204.60 204.48 NE INV. 204.60 204.48			OS-6	DITCH INLET TOP EL. 198.00 198.06 W INV. EL. 194.60 195.82 N INV. 188.18 (EXISTING) (MATCH EXIST. PIPE SLOPE.)
				S-29	TYPE "E" INLET F.D.O.T. INDEX # 232 TOP EL. 199.00 190.21 NE-SW SLOPE EL. 186.50 SLOT EL. NE 186.69, SW 186.61 SE INV. 188.00 185.29 BOTTOM EL. 184.00 184.21			OS-7	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 204.04 204.47 206.47 E INV. 198.25 198.14 SE INV. 200.25 200.31 W SLOT INV. 202.00 202.27
				S-30	TYPE "C" INLET F.D.O.T. INDEX # 232 TOP EL. 211.36 RAISED 211.32 NW INV. 205.64 205.64 E INV. 205.64 205.62			OS-8	DITCH INLET TOP EL. 207.00 207.04 E INV. 202.22 202.20 (MAINTAIN 0.4% SLOPE TO EXIST. STRUCTURE.)
				S-31	TYPE "C" INLET-CAP F.D.O.T. INDEX # 232 TOP EL. 207.00 S INV. 205.85				

**LEGEND**

- 207.09 PROPOSED SPOT ELEVATION (BY OTHERS)
- 88.83 PROPOSED SPOT ELEVATION AT PAVEMENT OR GROUND
- H.P. HIGH POINT
- 87 PROPOSED CONTOUR ELEVATION TO BE BUILT IN FUTURE
- x 88.00 EXISTING SPOT ELEV.
- FLOW ARROW OVER HARD SURFACE
- PROPOSED STORM MANHOLE
- PROPOSED INLET
- PROPOSED STORM PIPE
- T.W. TOP OF WALL
- FLOW ARROW OVER GROUND

**GRAPHIC SCALE**



**KELLY COLLINS & GENTRY, INC.**  
1700 NORTHE ORANGE AVENUE, SUITE 400  
ORLANDO, FLORIDA 32804  
(407) 898-7668 FAX (407) 898-1488

**KCG**

REVISION

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PREPARED FOR:  
**PRESCO ASSOCIATES, LLC**

**OFFICE DEPOT & PETCO COLLEGE STATION CENTER**

**PAVING, GRADING, AND DRAINAGE PLAN**

DRAWN: SCF  
DESIGN: JBD  
CHECKED: SMG  
JOB NO.: 355.000  
DATE: 06-29-05

SHEET  
**C-3**