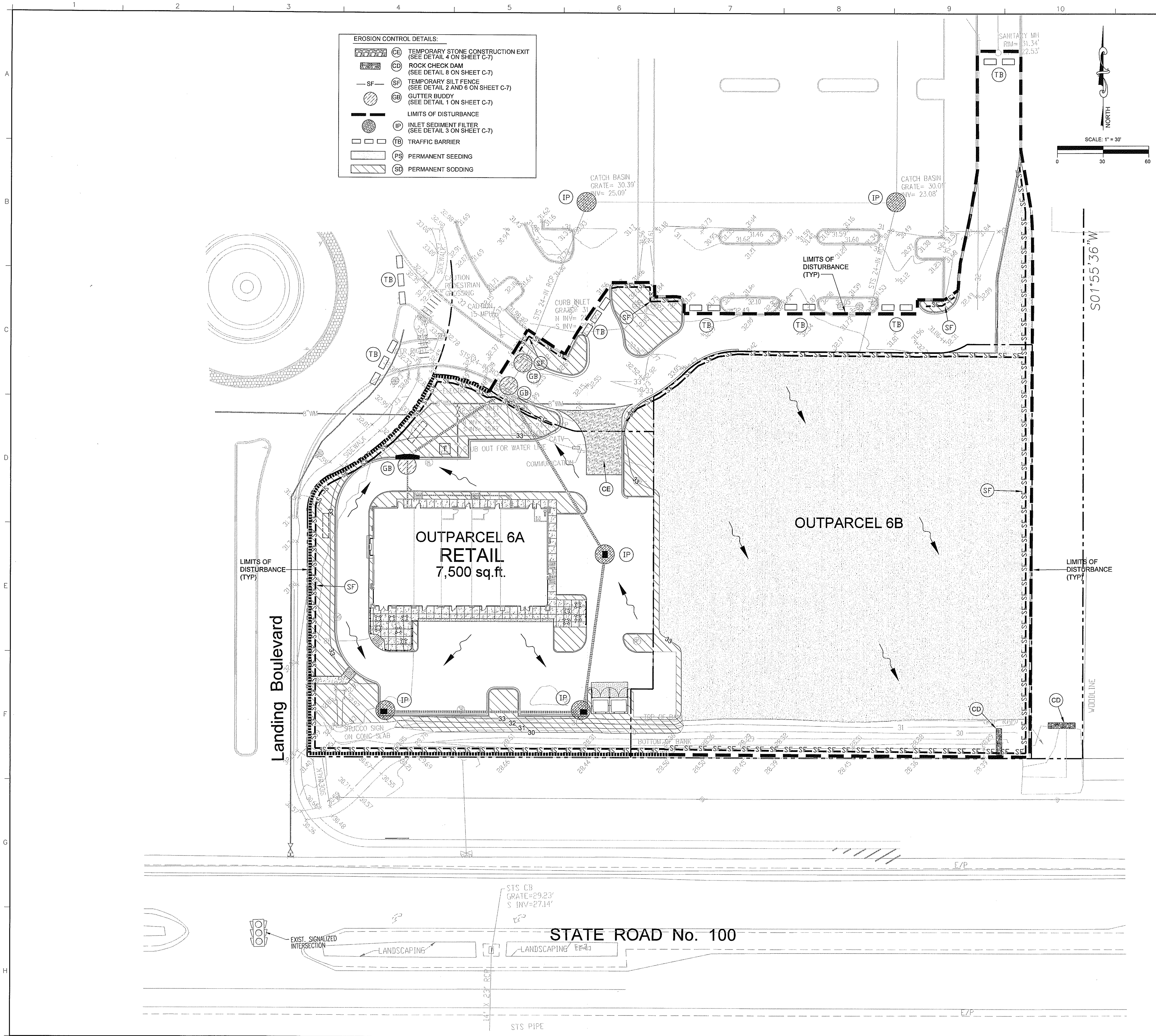

*THE CONTRACTOR MUST CLEARLY IDENTIFY BELOW THE CONTRACTOR(S) OR SUBCONTRACOTR(S) RESPONSIBLE FOR IMPLEMENTING EACH MEASURE IDENTIFIED IN THE SWPPP.

1. SITE DESCRIPTION

A. CONSTRUCTION ACTIVITY:
CONSTRUCTION OF A 7,500 SF COMMERCIAL RETAIL BUILDING WITH ASSOCIATED INFRASTRUCTURE ON LOT 6A. MASS GRADE 6B. INFRASTRUCTURE REVISIONS TO LOT 5.

B. SEQUENCE OF SOIL DISTURBANCE:
1) PREPARE SITE AND INSTALL STABILIZED CONSTRUCTION ENTRANCE.
2) INSTALL PERIMETER SEDIMENT AND EROSION CONTROLS.
3) CLEAR AND GRUB ENTIRE SITE AREA.
4) GRADE TOTAL SITE AREA.
5) INSTALL STORM SEWER AND UTILITIES.
6) INSTALL CONCRETE SLAB, FRAME STRUCTURE, AND FINISH BUILDING.
7) STABILIZE SITE.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

C. TOTAL SITE AREA: 9.61 ACRES
DISTURBED SITE AREA: 3.15 ACRES

D. SOILS:
THE SOILS AS REPORTED IN THE GEOTECHNICAL REPORT BY ARDAMAN AND ASSOCIATES ARE:
3 BASINGER FINE SAND
37 ST. JOHNS FINE SAND
44 SMYRNA FINE SAND

THE EXISTING SITE HAS BEEN PREVIOUSLY GRADED TO DRAIN TO A SWALE ON THE SOUTH EAST SIDE OF THE PROPERTY AND DISCHARGE INTO S.R. 100 RIGHT OF WAY

E. DRAINAGE AREA FOR EXISTING DISCHARGE POINT: 3.15 ACRES
DRAINAGE AREA FOR PROPOSED DISCHARGE POINT: 3.15 ACRES

F. LATITUDE AND LONGITUDE OF EXISTING DISCHARGE POINT:
DISCHARGE POINT LAT: 29°28'33"N
DISCHARGE POINT LONG: 81°12'46"W
DISCHARGES TO GRAHAM SWAMP VIA S.R. 100 RIGHT OF WAY.

LATITUDE AND LONGITUDE OF PROPOSED DISCHARGE POINT:
DISCHARGE POINT LAT: 29°28'35"N
DISCHARGE POINT LONG: 81°12'47"W
DISCHARGES TO GRAHAM SWAMP VIA STORMWATER POND NO. 1.

2. CONTROLS

A. EROSION AND SEDIMENT CONTROLS:

(1) STABILIZATION PRACTICES:
1) TEMPORARY SEEDING SHALL BE RYE GRASS APPLIED AT MANUFACTURER'S RECOMMENDATIONS TO ANY DISTURBED AREAS THAT ARE INACTIVE FOR MORE THAN 7 DAYS.
2) MULCHING PRACTICES AND SOD SHALL BE APPLIED TO PARKING LOT ISLANDS.
3) FILTER FABRIC SHALL BE PLACED UNDER THE ROCK ENTRANCE/EXIT.
4) EXISTING TREES SHALL REMAIN AND BE PROTECTED.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

(2) STRUCTURAL PRACTICES:
1) PRIOR TO CLEARING, A SILT FENCE SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE.
2) DURING THE CLEARING, GRUBBING, AND SITE GRADING STAGES, AREAS TO BE DISTURBED MORE THAN 7 DAYS SHALL BE STABILIZED WITH RYE GRASS APPLIED PER THE MANUFACTURE'S SPECIFICATIONS. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 4,000 POUNDS OF STRAW PER ACRE. A ROCK CONSTRUCTION ACCESS ROAD SHALL BE CONSTRUCTED TO MINIMIZE THE EFFECTS OF TRUCK TRAFFIC AND SEDIMENTATION TRACKING BOTH ON AND OFF THE SITE. ONLY ONE CONSTRUCTION ENTRANCE IS PROPOSED. TEMPORARY BARRICADES SHALL BE INSTALLED AT ALL VEHICULAR ENTRANCES DESIGNATED ON THE SITE MAP TO PREVENT TRAFFIC FLOW.
3) AFTER ALL INITIAL SITE GRADING WORK, ALL PROPOSED INLETS/OUTFALLS, ONCE INSTALLED, SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF THE INLET PROTECTION DESIGNATED ON THE SITE MAP. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED SHALL BE STABILIZED WITH SEED OR SOD AS INDICATED ON THE SITE MAP NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. SEEDING SHALL BE THE SAME AS IN TEMPORARY SEEDING.
4) ALL INSTALLATION SHALL BE COMMENCED AS DEPICTED ON THE SITE MAPS AND EROSION CONTROL DETAIL SHEET.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

B. PERMANENT STORMWATER MANAGEMENT CONTROLS:

1) CATCH BASINS AND STORM SEWER SYSTEM TO BE INSTALLED ON-SITE TO PROVIDE POSITIVE DRAINAGE OF THE ENTIRE SITE TO THE STORMWATER POND.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

C. CONTROLS FOR OTHER POLLUTANTS
1) WASTE DISPOSAL: ALL WASTE WILL BE DISPOSED OF IN AN APPROPRIATE LEGAL MANOR, AND COMPLY WITH THE CITY OF ORLANDO ORDINANCES FOR WASTE DISPOSAL AND COMMERCIAL SITE DEVELOPMENT.

TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

2) VEHICLE TRACKING: OFF SITE VEHICLE TRACKING OF SEDIMENTS AND DUST GENERATION WILL BE MINIMIZED VIA A ROCK CONSTRUCTION ENTRANCE, DAILY SWEEPING AND THE USE OF WATER TO KEEP DUST DOWN.

TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

3) FERTILIZERS, HERBICIDES, AND PESTICIDES: FERTILIZERS AND PESTICIDES WILL BE USED AT A MINIMUM AND IN ACCORDANCE WITH THE MANUFACTURER'S SUGGESTED APPLICATION RATES. THE FERTILIZERS AND PESTICIDES SHALL BE STORED IN A COVERED SHED.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

4) TOXIC SUBSTANCES: ALL PAINTS AND OTHER CHEMICALS WILL BE STORED IN A LOCKED COVERED SHED.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

5) OTHER: PORT-O-LETS WILL BE PLACED AWAY FROM THE STORM SEWER SYSTEMS AND STORM INLETS. NO VEHICLE MAINTENANCE SHALL BE CONDUCTED ON-SITE. A WASHDOWN AREA SHALL BE DESIGNATED AT ALL TIMES AND WILL NOT BE LOCATED IN ANY AREA THAT WILL ALLOW FOR THE DISCHARGE OF POLLUTED RUNOFF. A SMALL VEGETATED BERM SHALL BE PLACED AROUND THE WASHDOWN AREA.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

3. MAINTENANCE:

(1) SILT FENCE SHALL BE INSPECTED AT LEAST WEEKLY. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
(2) MAINTENANCE SHALL BE PERFORMED ON THE ROCK ENTRANCE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT.
(3) INLETS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REPAIRS SHALL BE PERFORMED IMMEDIATELY.
(4) BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RE-SEEDED PER MANUFACTURES' INSTRUCTIONS.
(5) MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY.

ALL MEASURES ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. CONTROLS ARE TO BE REPLACED OR REPAIRED IF IN A SUBSTANDARD CONDITION. ALL MAINTENANCE MODIFICATIONS ARE TO BE NOTED, ON PLANS, AS THEY OCCUR.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

4. INSPECTIONS :

A QUALIFIED INSPECTOR SHALL INSPECT ALL POINTS OF DISCHARGE INTO SURFACE WATERS OF THE STATE OR AND MS4; DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED; AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; STRUCTURAL CONTROLS; AND, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION SHALL BE MADE AND RETAINED IN THE CONSTRUCTION TRAILER AS PART OF THE STORMWATER POLLUTION PREVENTION PLAN.

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

5. NON-STORMWATER DISCHARGES:

IT IS ANTICIPATED THAT THE FOLLOWING NON-STORMWATER DISCHARGES MAY OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:
1) WATER FROM LINE FLUSHINGS
2) PAVEMENT WASH WATER (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED)
3) SITE WATERING, TO ALLEVIATE FUGATIVE DUST
4) ROUTINE EXTERNAL BUILDING WASHDOWN WHICH DOES NOT USE DETERGENTS
5) IRRIGATION DRAINAGE

*TO BE COMPLETED BY CONTRACTOR/SUBCONTRACTOR(S): ____________________

6. CONTRACTOR/SUBCONTRACTOR CERTIFICATION:

ALL CONTRACTOR(S) AND SUBCONTRACTOR(S) IDENTIFIED ABOVE MUST SIGN THE FOLLOWING CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER."

JOB #: 08033.2
PRJ. MGR: J.P.M.
DESIGNER: R.I.D.
CHECKED: T.G.L.

ENGINEER
JASON P. MAHONEY, P.E.
FL LIC. # 65183

NO.	DATE	REVISIONS
	12-7-09	OUT-TO-BID SET

RECORD DRAWING

OUTPARCEL 6A
PALM COAST LANDING
AT
WEINGARTEN REALTY, INC.

EROSION CONTROL PLAN II

LOCHRANE
Consulting Engineers & Surveyors

SHEET C-6