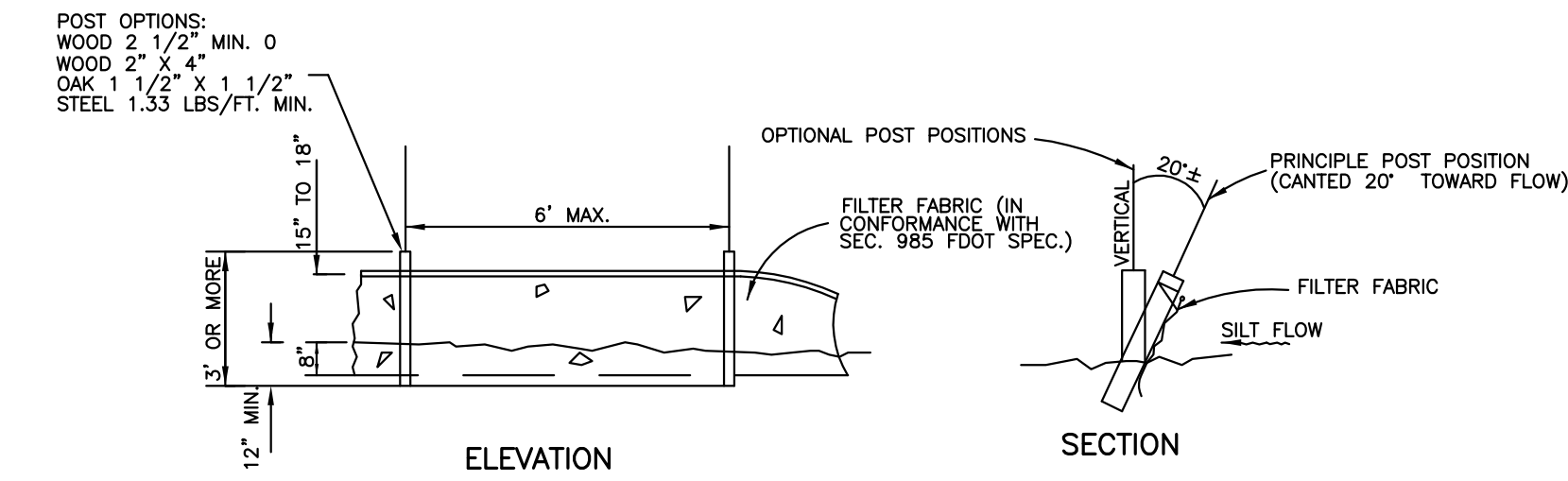
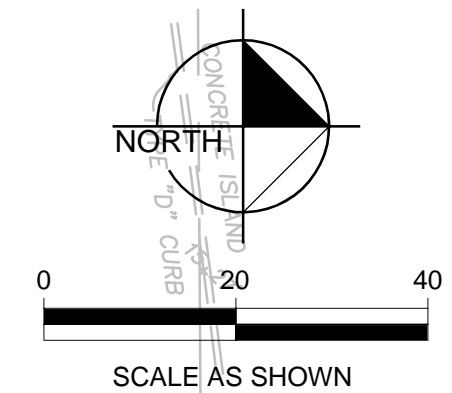
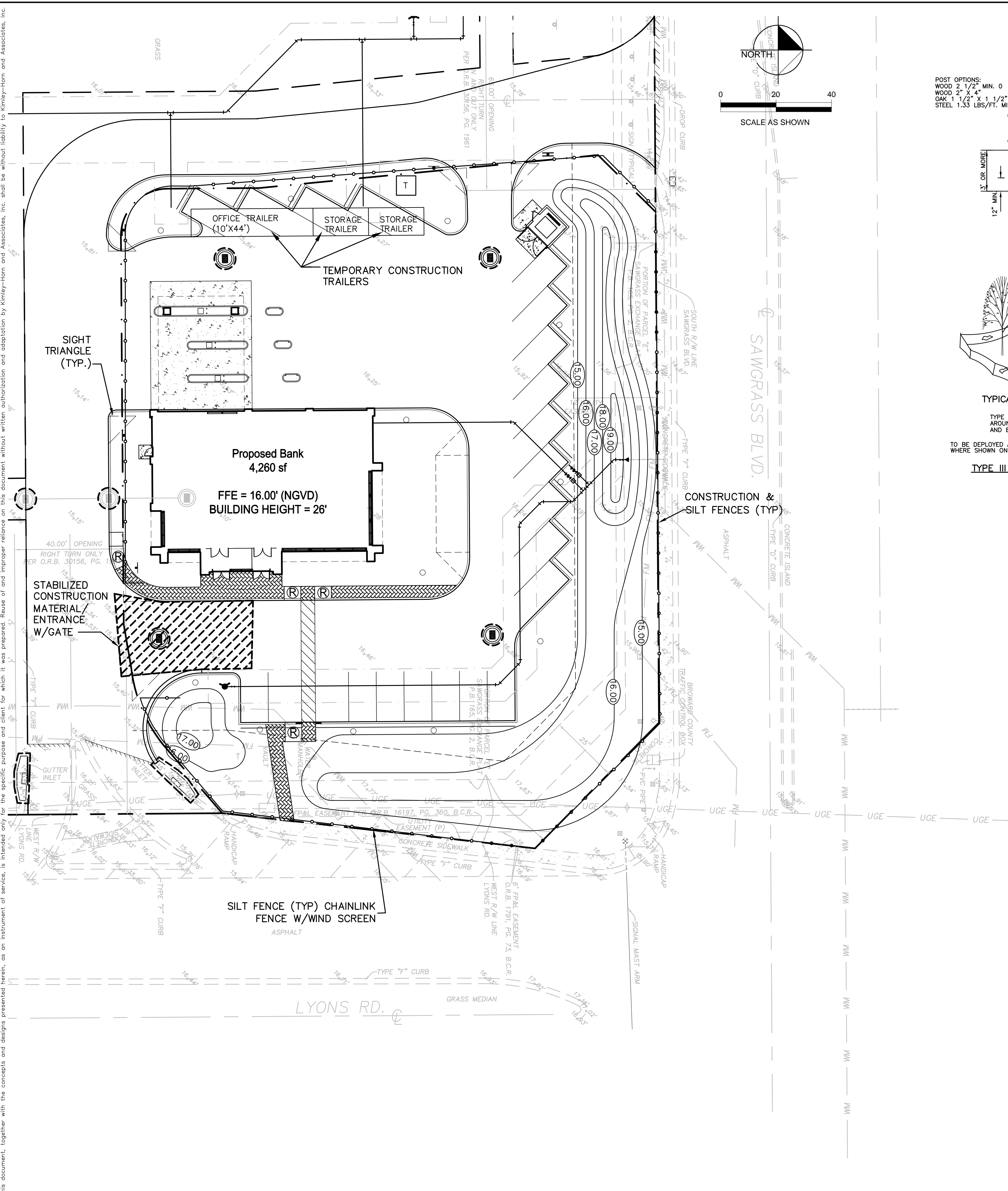
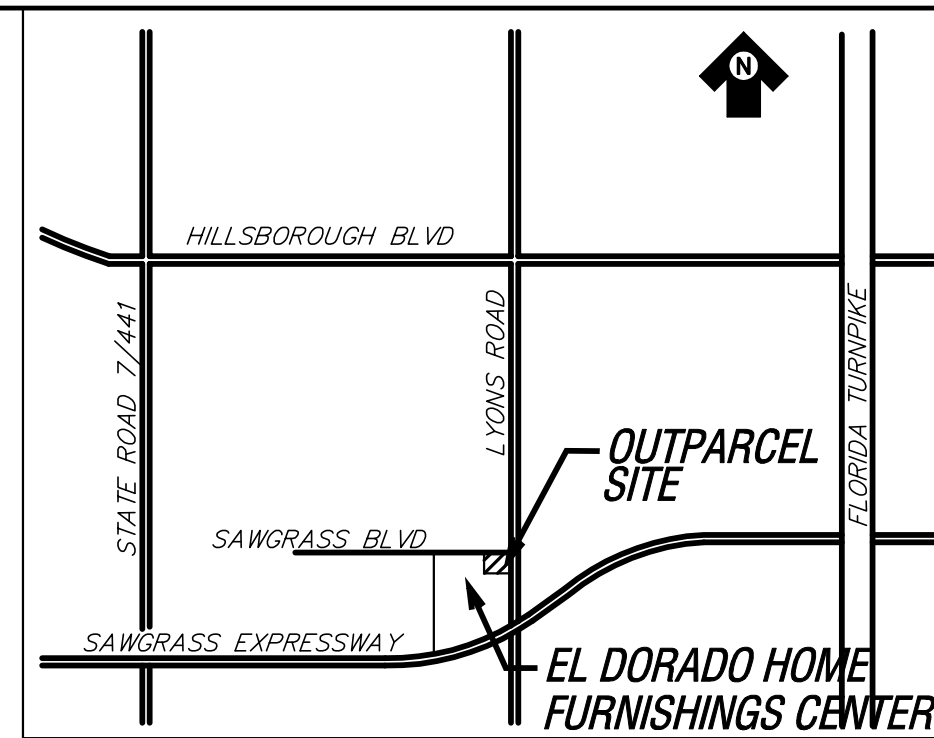
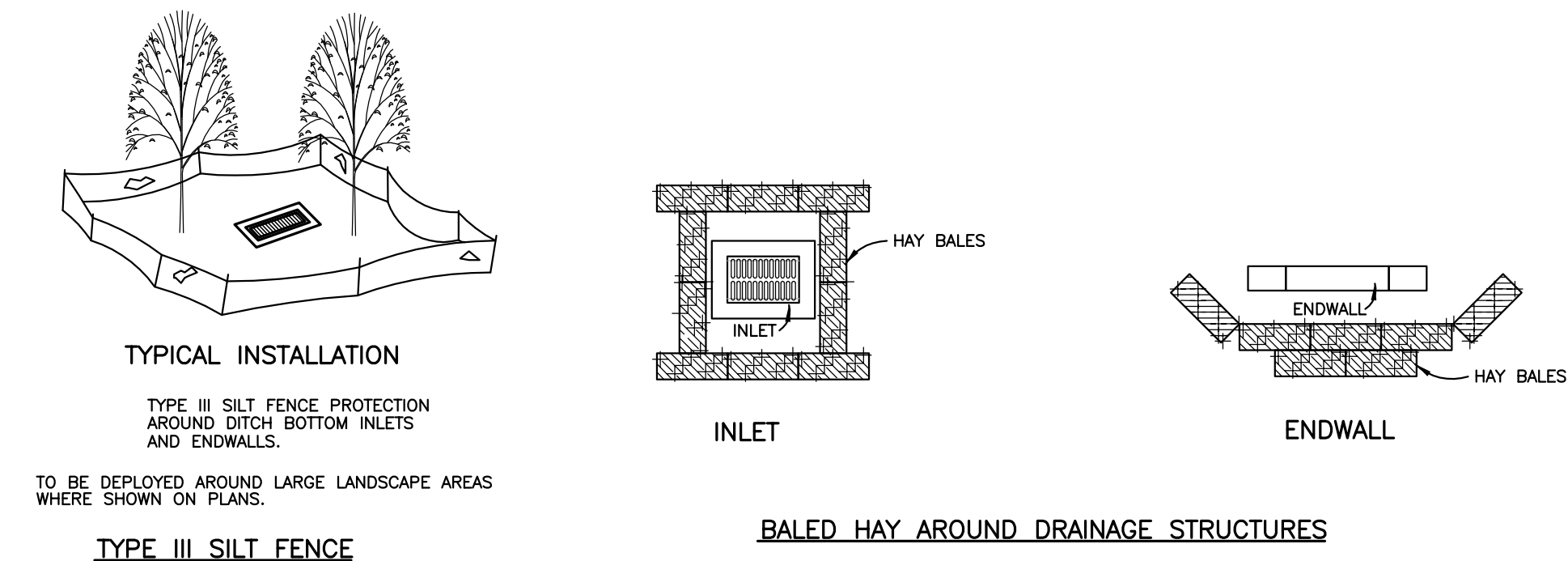


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 Date: 12/09/05
 Designer: E.J.W.
 Drafter: G.B.
 Checker: H.L.S.
 Scale: AS NOTED
 Project No: 042701051
 Location: COCONUT CREEK, BROWARD COUNTY, FLORIDA
 Design Engineer: HEATHER SPENCER, P.E.
 Florida Registration Number: 59511
 Sheet Title: STORMWATER POLLUTION PREVENTION PLAN
 Sheet Number: C13



NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).



LOCATION MAP
N.T.S.

- LEGEND**
- DENOTES LOCATION OF BALED HAY OR SEDIMENT BARRIER AROUND DRAINAGE STRUCTURE (SEE DETAIL OR USE FABRIC INSERT)
 - DENOTES LOCATION OF SILT FENCE
 - DENOTES LOCATION OF STABILIZED CONSTRUCTION ENTRANCE

GENERAL EROSION CONTROL

- 1.1 GENERAL EROSION CONTROL BMPs SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVES. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION ACTIVITIES.
- 1.2 CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUND COVER.
- 1.3 SLOPES OF BANKS OF RETENTION / DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 4H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL AS SHOWN ON PAVING, GRADING, AND DRAINAGE PLAN.
- 1.4 SOD SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
- 1.5 WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.
- 1.6 STABILIZATION WILL BE INITIATED ON ALL DISTURBED AREAS WITHIN 14 DAYS OF WORK CEASING, UNLESS CONSTRUCTION ACTIVITY WILL RESUME IN THAT AREA WITHIN 21 DAYS AFTER WORK STOPPAGE.

PROTECTION OF SURFACE WATER QUALITY DURING AND AFTER CONSTRUCTION

- 2.1 SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING BMPs IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.
- 2.2 WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
- 2.3 EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:
 - A. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
 - B. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS AND SHALL DISTURBED AREAS IS COMPLETE.
- 2.4 HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTOR SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE, AND LUBRICANTS. CONTRACTOR SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.
- 2.5 SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.

EROSION CONTROL SCHEDULE

(CONTRACTOR TO MODIFY AS DIRECTED BY ENGINEER, FDEP, CITY, OR WMD)

INSTALL CONSTRUCTION ENTRANCES, TURBIDITY BARRIERS AND SILT FENCE IN ACCORDANCE WITH PLAN SHEETS

CONSTRUCT ROCK SURFACE FOR TEMPORARY PARKING CLEAR AND GRUB IMPROVEMENT AREAS

EXCAVATION AND EMBANKMENT TO FORM DETENTION PONDS AND NEW LAKE EDGE

EXCAVATION AND EMBANKMENT TO FORM THE BUILDING PAD AND PAVEMENT AREAS

CONSTRUCT UNDERGROUND UTILITIES AND STORMWATER COLLECTION SYSTEM

COMPLETE ON-SITE STABILIZATION

THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY PROJECT CONSTRUCTION PROGRESS

CONTROL OF WIND EROSION

- 3.1 WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
 - A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
 - B. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS SOON AS PRACTICAL AFTER COMPLETION OF CONSTRUCTION, BUT NO LATER THAN 14 DAYS, BARE EARTH AREAS SHALL BE VEGETATED.
 - B. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST. OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS MAY INCLUDE ERECTION OF DUST CONTROL FENCES. IF REQUIRED, DUST CONTROL FENCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL OF A SILT FENCE EXCEPT THE MINIMUM HEIGHT SHALL BE 4 FEET.

* It should be noted that the measures identified on this plan are only suggested BMP(s). The contractor shall provide pollution prevention and erosion control measures as necessary to conform to current City, FDEP, and SPMD codes and specifications.

CITY OF COCONUT CREEK NOTES

1. CONTRACTOR MUST KEEP A LOG OF ACTIVITIES, WHICH SHALL BE UPDATED AFTER EACH INSPECTION (MIN. WEEKLY) AND/OR RELEVANT EVENT.
2. CONTRACTOR SHALL ADHERE TO CITY OF COCONUT CREEK ADOPTED EROSION AND SEDIMENTATION CONTROL STANDARDS.
3. EROSION AND SEDIMENTATION CONTROLS SHALL REMAIN IN PLACE AT ALL TIMES, DURING CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL THE PROJECT HAS BEEN COMPLETED.

No.	REVISIONS	DATE	BY
5	DRC REVISION	9/20/2006	HLS
4	ISSUED FOR PERMIT SUBMITTALS	8/1/2006	HLS
3	PER DRC COMMENTS	7/24/2006	GB
2	PER DRC COMMENTS	6/9/2006	HLS
1	PER DRC COMMENTS	5/24/2006	HLS

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 (954) 535-5100
 CA 00000696

DATE: 12/09/05
 PROJECT NO: 042701051

**COMMERCE BANK OUTPARCEL
 EL DORADO HOME FURNISHINGS CENTER
 COCONUT CREEK, FL**
 COCONUT CREEK, BROWARD COUNTY, FLORIDA

DESIGN ENGINEER:
 HEATHER SPENCER, P.E.
 FLORIDA REGISTRATION NUMBER:
 59511

**STORMWATER POLLUTION
 PREVENTION PLAN**

SHEET NUMBER
C13