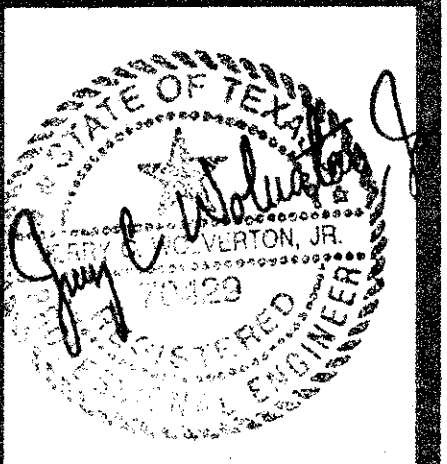
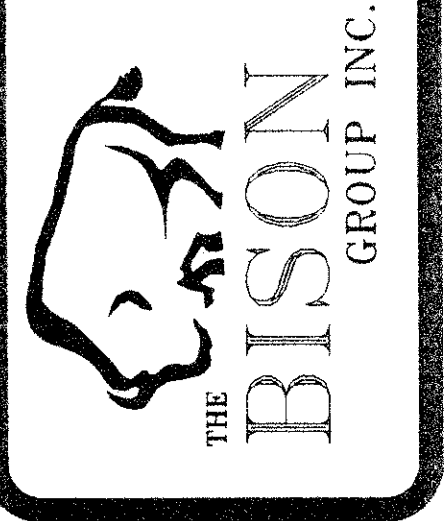


REVISIONS	BY
1	JK
2	JK
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**WOLVERTON & ASSOCIATES, INC.**  
 5800 OAKBROOK PARKWAY / SUITE 100 - NORCROSS, GEORGIA 30083  
 770 447-9898 PHONE / 770 447-9070 FAX



**PROPOSED MAIN POST OFFICE**  
 ADDISON, TEXAS  
 UNITED STATES POSTAL SERVICE



DRAWN: JSK  
 CHECKED: JCW  
 DATE: 01/18/97  
 SCALE: 1" = 20'  
 JOB No.: 96164  
 SHEET: C-2

OF SHEETS

# AIRPORT PARKWAY

HARWAY BUSSTOP CENTER  
 W.S. 70144 P.W. 2835

## GRADING/DRAINAGE PLAN LEGEND

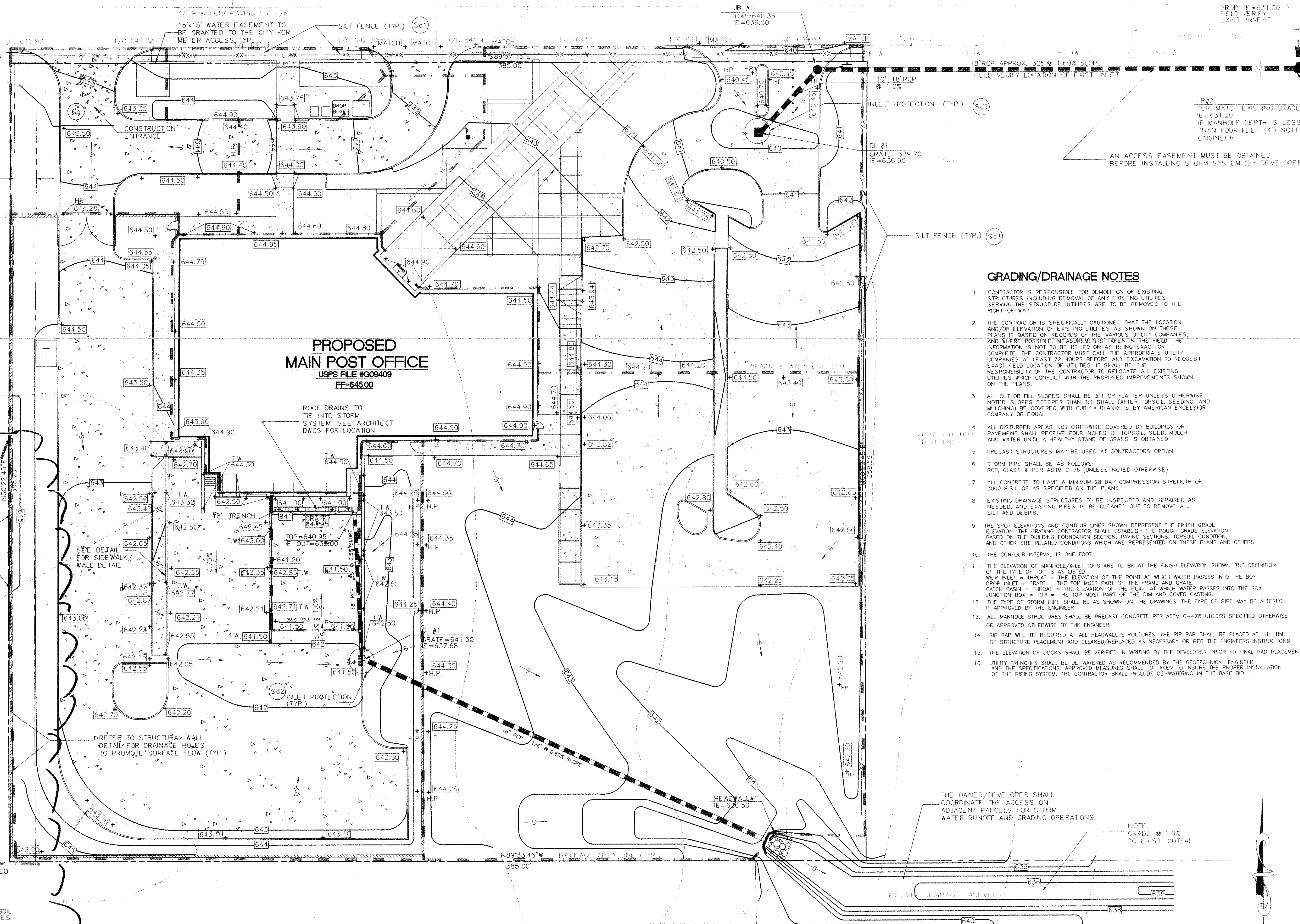
- STORM SEWER PIPING
- JUNCTION BOX STRUCTURE
- DRAINAGE STRUCTURE INDICATOR
- ▭ DOUBLE WING CATCH BASIN
- ▭ DROP INLET
- ▭ SINGLE WING CATCH BASIN
- ▭ SLOPE ARROW
- ▭ CONCRETE FLUME
- ▭ FLARED END SECTION
- ▭ RIP RAP APRON
- ▭ PRECAST HEADWALL STRUCTURE

## EROSION CONTROL LEGEND

TYPE	KEY	SYMBOL
SILT FENCE	Sd1	—x—x—
INLET PROTECTION	Sd2	○
RIP RAP	Rp	▭
CHECK DAM	Cd	▭
CONSTRUCTION EXIT	Co	▭

## GRADING/DRAINAGE NOTES

- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL CUT OR FILL SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED. SLOPES STEEPER THAN 3:1 SHALL (AFTER TOPSOIL SEEDING AND MULCHING) BE COVERED WITH CURLEX BLANKETS BY AMERICAN EXCELSEOR COMPANY OR EQUAL.
- ALL DISTURBED AREAS NOT OTHERWISE COVERED BY BUILDINGS OR PAVEMENT SHALL RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- PRECAST STRUCTURES MAY BE USED AT CONTRACTORS OPTION.
- STORM PIPE SHALL BE AS FOLLOWS:  
RCP, CLASS III PER ASTM C-76 (UNLESS NOTED OTHERWISE)
- ALL CONCRETE TO HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH OF 3000 P.S.I. OR AS SPECIFIED ON THE PLANS.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- THE SPOT ELEVATIONS AND CONTOUR LINES SHOWN REPRESENT THE FINISH GRADE ELEVATION THE GRADING CONTRACTOR SHALL ESTABLISH THE ROUGH GRADE ELEVATION BASED ON THE BUILDING FOUNDATION SECTION, PAVING SECTIONS, TOPSOIL CONDITION AND OTHER SITE RELATED CONDITIONS WHICH ARE REPRESENTED ON THESE PLANS AND OTHERS.
- THE CONTOUR INTERVAL IS ONE FOOT.
- THE ELEVATION OF MANHOLE/INLET TOPS ARE TO BE AT THE FINISH ELEVATION SHOWN. THE DEFINITION OF THE TYPE OF TOP IS AS LISTED:  
WEIR INLET = THROAT = THE ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX.  
DROP INLET = GRATE = THE TOP MOST PART OF THE FRAME AND GRATE.  
CATCH BASIN = THROAT = THE ELEVATION OF THE POINT AT WHICH WATER PASSES INTO THE BOX.  
JUNCTION BOX = TOP = THE TOP MOST PART OF THE RIM AND COVER CASTING.
- THE TYPE OF STORM PIPE SHALL BE AS SHOWN ON THE DRAWINGS. THE TYPE OF PIPE MAY BE ALTERED IF APPROVED BY THE ENGINEER.
- ALL MANHOLE STRUCTURES SHALL BE PRECAST CONCRETE PER ASTM C-478 UNLESS SPECIFIED OTHERWISE OR APPROVED OTHERWISE BY THE ENGINEER.
- RIP RAP WILL BE REQUIRED AT ALL HEADWALL STRUCTURES. THE RIP RAP SHALL BE PLACED AT THE TIME OF STRUCTURE PLACEMENT AND CLEANED/REPLACED AS NECESSARY OR PER THE ENGINEERS INSTRUCTIONS.
- THE ELEVATION OF DOCKS SHALL BE WRITTEN IN WRITING BY THE DEVELOPER PRIOR TO FINAL PAD PLACEMENT.
- UTILITY TRENCHES SHALL BE DE-WATERED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND THE SPECIFICATIONS APPROVED MEASURES SHALL BE TAKEN TO INSURE THE PROPER INSTALLATION OF THE PIPING SYSTEM. THE CONTRACTOR SHALL INCLUDE DE-WATERING IN THE BASE BID.



REFER TO STRUCTURAL WALL DETAIL FOR 4" WEEP HOLES SPACED EVERY 50 FEET TO PROMOTE SURFACE FLOW (TYP.)

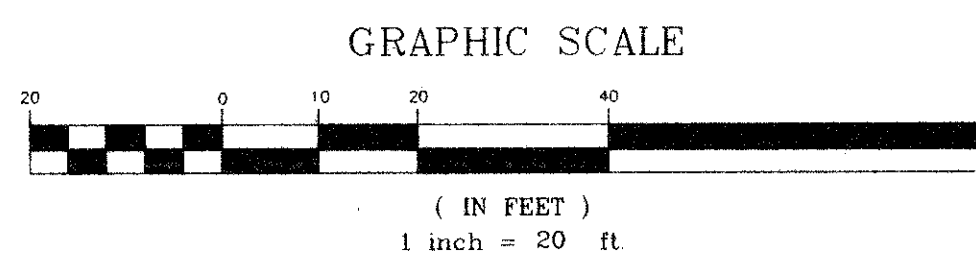
SEE DETAIL SHEET FOR HANDRAIL DETAIL

GRADES VERY SEE GRADING PLAN

**SIDEWALK/RETAINING WALL DETAIL**  
 NTS

## EROSION CONTROL NOTES

- ALL DISTURBED AREAS SHALL BE TEMPORARILY AND PERMANENTLY SEEDED IN ACCORDANCE WITH THE TEXAS STATE DOT STANDARDS.
- AREA TO BE DISTURBED = 3.2 ACRES
- ALL EROSION CONTROL MEASURES SHALL BE PER THE DIRECTION OF THE ENGINEER, SOIL CONSERVATION SERVICE OFFICER, AND THE FEDERAL E.P.A. GUIDELINES FOR THE N.P.D.E.S. PROGRAM.
- ABSOLUTELY NO SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE DURING CONSTRUCTION. IF HEAVY RAINS AND UNUSUAL SITE CONDITIONS RESULT IN THE POLLUTION OF ROADWAYS OR ADJACENT PARCELS THEN THE GRADING CONTRACTOR SHALL CLEAN THE DISTURBED AREAS IMMEDIATELY AND RESTORE THE AREAS TO THE ORIGINAL CONDITION.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL WILL BE INSTALLED IF DEEMED NECESSARY BY ONSITE INSPECTION.
- 24 HOUR CONTACT ROBERT KING 501-549-3035



# GRADING/DRAINAGE EROSION CONTROL PLAN