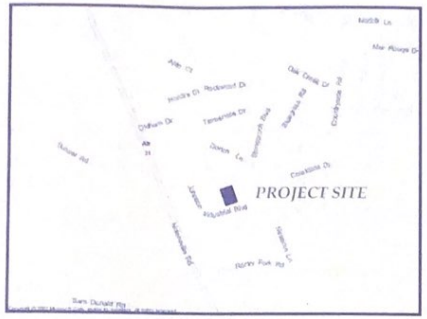
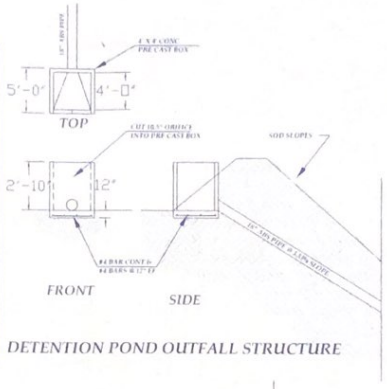
STRUCTURAL NOTES:
1. REINFORCING BARS SHALL CONFORM TO ASTM A615-86, GRADE 60.
2. REINFORCING SHALL NOT BE HEATED OR WELDED.
3. REINFORCING PLACEMENT SHALL BE APPROVED BY THE DESIGNER OR HIS AUTHORIZED REPRESENTATIVE PRIOR TO CONCRETE PLACEMENT.
4. CONCRETE REINFORCEMENT- PROVIDE 2" COVER FOR ALL REINFORCEMENT EXPOSED TO WEATHER OR EARTH.
5. BARS DESIGNATED AS CONTINUOUS SHALL BE LAP SPLICE AS REQUIRED TO FULLY DEVELOPED BARS. PROVIDE CORNER BARS FOR EACH LAYER OF REINFORCEMENT.
6. OPENINGS IN CONCRETE WALLS SHALL BE REINFORCED AROUND OPENING WITH TWO #6 BARS, ALL SIDES. BARS SHALL EXTEND 2 FEET BEYOND OPENING.
7. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 4000 PSI AS REQUIRED BY ACI-318-89 BUILDING CODE.
8. ALL CONCRETE SHALL BE VIBRATED.
9. ALL PIPE PENETRATIONS THROUGH WALL SHALL BE SLEEVED.
10. NO REPAIR OR RUBBING OF CONCRETE SURFACES SHALL BE MADE PRIOR TO INSPECTION BY DESIGNER.
11. PROVIDE CONTROL AND/OR CONSTRUCTION JOINTS IN WALLS EVERY 25 FEET AND EXPANSION JOINTS ABOUT EVERY FOURTH CONTROL AND/OR CONSTRUCTION JOINT. COATED DOWELS SHOULD BE USED IF AVERAGE WALL HEIGHT ON EITHER SIDE OF JOINT IS DIFFERENT.

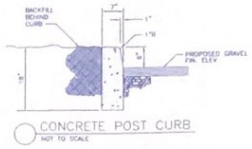


VICINITY MAP

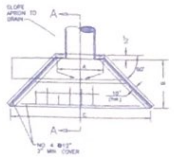
CONCRETE PAVEMENT(RAMP)
NOT TO SCALE



DETENTION POND OUTFALL STRUCTURE



CONCRETE POST CURB
NOT TO SCALE



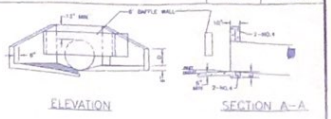
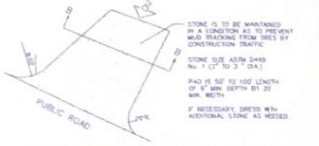


TABLE OF DIMENSIONS					
DIM	A	B	C	D	E
12"	20"	30"	40"	8"	8"
15"	23"	36"	12"	8"	8"
18"	28"	42"	54"	8"	8"
24"	34"	48"	96"	8"	8"
30"	40"	54"	108"	12"	10"
36"	48"	60"	120"	16"	10"
42"	54"	66"	132"	18"	12"
48"	60"	72"	144"	21"	12"
54"	66"	78"	156"	24"	12"
60"	72"	84"	168"	24"	12"

ALL EDGES OF EXPOSED CONCRETE TO BE CHAMFERED TO ONE INCH

5 ENERGY DISSAPATOR HEADWALL
NOT TO SCALE



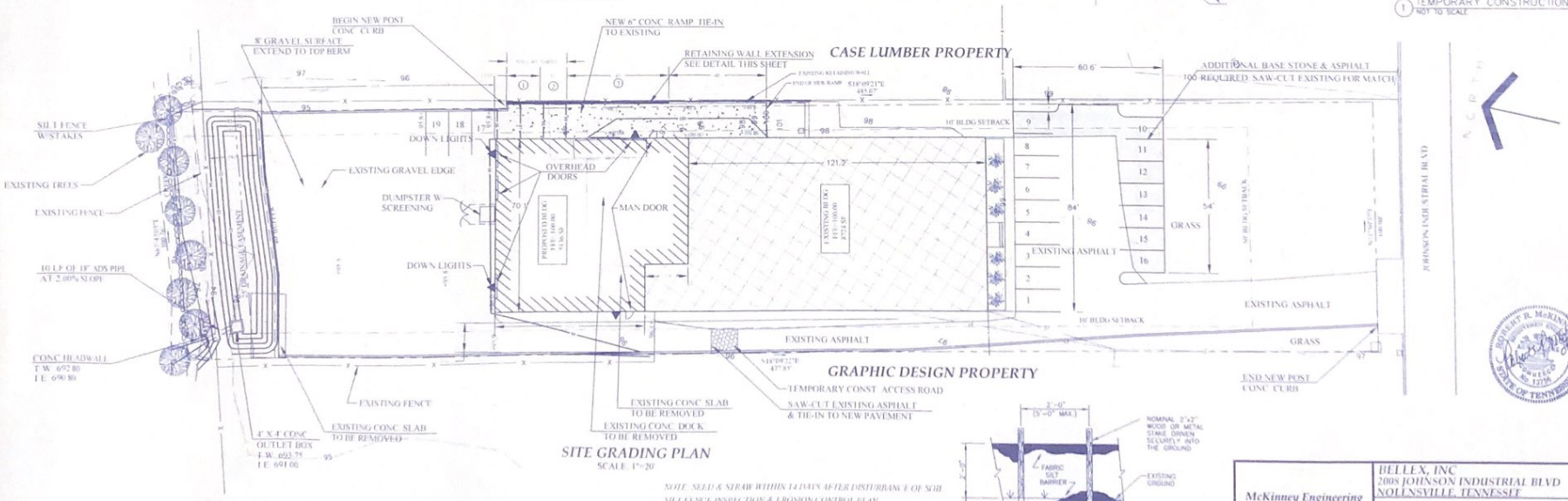
STONE IS TO BE MAINTAINED IN A CONDITION AS TO PREVENT MUD TRACKING FROM TIRES BY CONSTRUCTION TRAFFIC.

STONE SIZE ASTM D448 No. 1 (2" TO 3" DIA.)

PAD IS 50' TO 100' LENGTH OF 6" MIN. DEPTH BY 20 MIN. WIDTH

IF NECESSARY, DRESS WITH ADDITIONAL STONE AS NEEDED

1 TEMPORARY CONSTRUCTION ACCESS
NOT TO SCALE

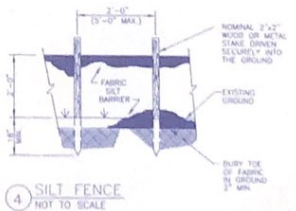


SITE GRADING PLAN
SCALE: 1"=20'

NOTE: SEED & STRAW WITHIN 14 DAYS AFTER DISTURBANCE OF SOIL

SILT FENCE INSPECTION & EROSION CONTROL PLAN

1. INSPECT SILT FENCE WEEKLY AND AFTER EACH RAINFALL
2. REPAIR SILT FENCE WHEN FENCE IS DAMAGED
3. REMOVE SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF FENCE
4. INSPECT SILT FENCE WHEN RAIN IS FORECAST. PERFORM REQUIRED MAINTENANCE BEFORE STORM EVENT
5. REMOVE SILT FENCE WHEN NO LONGER NEEDED. FILL AND COMPACT HOLES AND ANCHORAGE TRENCH. REMOVE SEDIMENT ACCUMULATION AND GRADE ALIGNMENT TO BLEND WITH ADJACENT GROUND.



4 SILT FENCE
NOT TO SCALE

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

McKinney Engineering
1101 Kermit Drive, Ste 504
Nashville, Tennessee 37217
(615) 399-3175 (Fax (615) 399-3285
E-mail: mckeng@aol.com

BELLEX, INC
2008 JOHNSON INDUSTRIAL BLVD
NOLENSVILLE, TENNESSEE

SITE GRADING & DRAINAGE PLAN

DATE: MAR. 30, 2004
REVISED: JUNE 29, 2004

SIZE | FSCM NO. | DWG NO. 1 OF 1 | REV
SCALE | SHEET