

VICINITY MAP ZONE MAP: F-16-Z

TBM (TEMPORARY BENCHMARK)  
TOP OF 1" IRON PIPE AT SOUTHWEST PROPERTY CORNER.  
ELEV. = 5102.08

LEGAL DESCRIPTION  
TRACT E-3, MONTGOMERY COMPLEX, ON THE  
PLAT OF TRACTS E-2 AND E-3, MONTGOMERY COMPLEX.

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- + 2050 EXISTING SPOT ELEVATION
- BASIN BOUNDARY
- PROPOSED SPOT ELEVATION, (TOP OF CURB, FLOWLINE OR TOP OF RETAINING WALL)
- PROPOSED CONTOUR
- FLOW ARROW, ROOF DRAIN (TYP)
- o EXISTING FIRE HYDRANT
- o SANITARY SEWER MANHOLE
- ▨ RETAINING WALL
- PRIVATE PVC STORM DRAIN
- HEADER CURB
- ROADSIDE SWALE

DRAINAGE CALCULATIONS

AREA = 2.54 AC.  
P(100-6) = 2.43 IN.

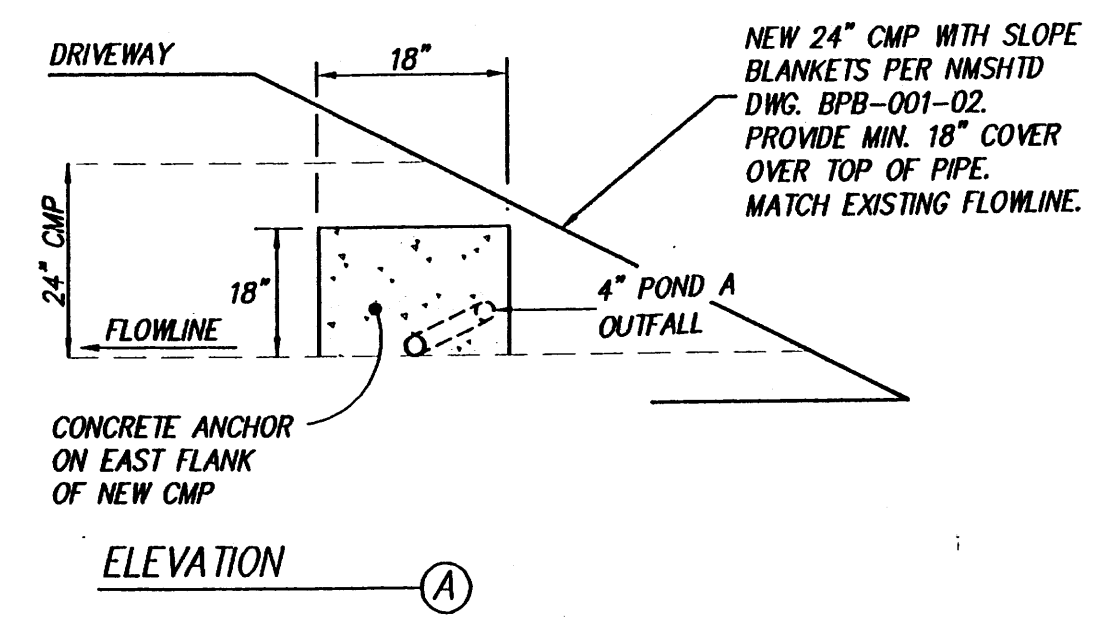
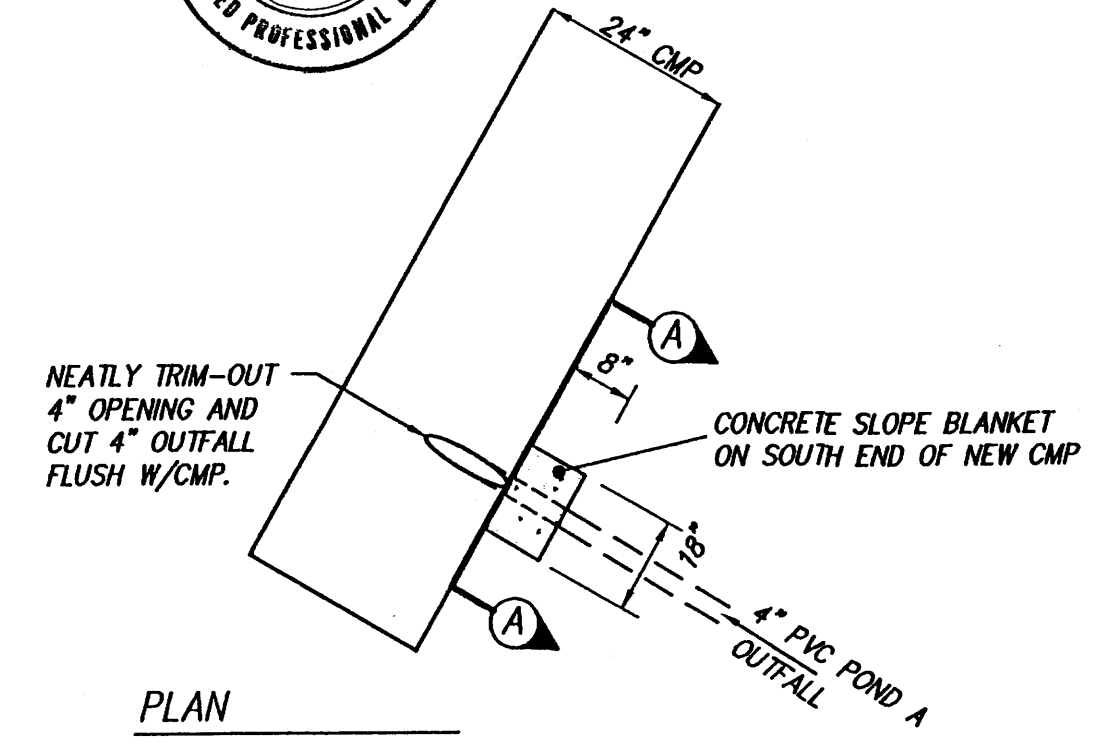
EXISTING CONDITIONS	DEVELOPED CONDITIONS
LAND TREATMENT A= 70% C= 30%	LAND TREATMENT B= 18% D= 82%
Tp= 0.1333 HR	Tp= 0.1333 HR
Q(100-6) = 5.45 CFS.	Q(100-6) = 10.96 CFS.
VOL(100-6) = 6,813 CF	VOL(100-6) = 18,033 CF

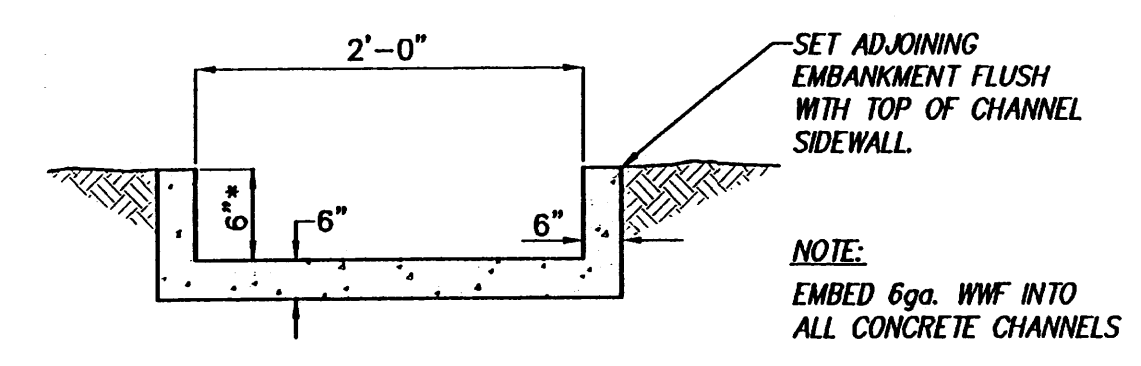
BASIN A	BASIN B
AREA = 1.09 AC.	AREA = 1.47 AC.
Q(100-6) = 4.66 cfs	Q(100-6) = 6.30 cfs
VOL(100-6) = 7666 cf	VOL(100-6) = 10,372 cf

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Sundartm Builders, and by the surveyor, Land Links, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

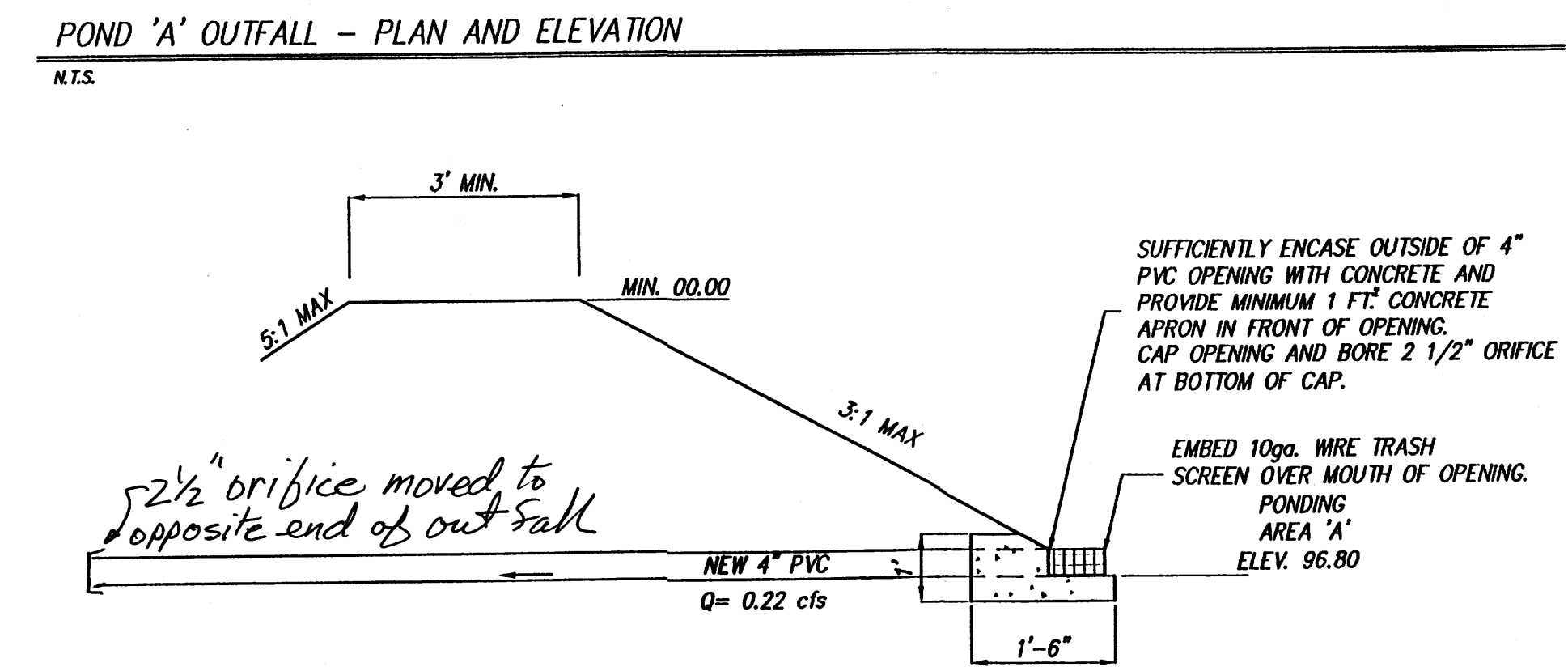
John M. MacKenzie 1-11-1999  
John M. MacKenzie NMPE 116192



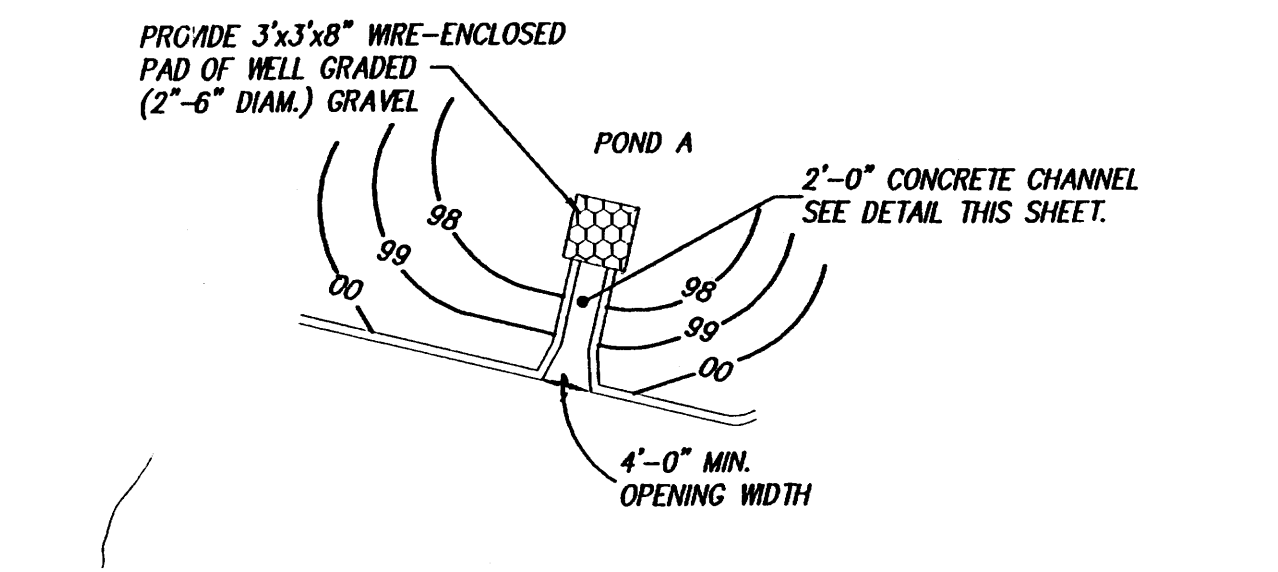
POND 'A' OUTFALL - PLAN AND ELEVATION  
N.T.S.



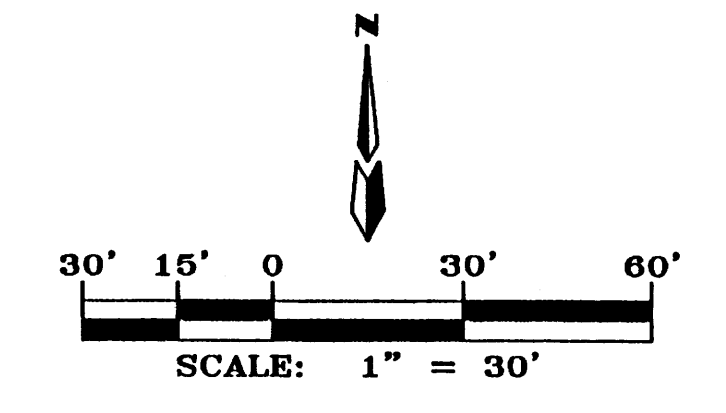
CONCRETE RUNDOWN POND 'A' - SECTION  
N.T.S.



POND 'A' OUTFALL - PROFILE  
N.T.S.



CONCRETE RUNDOWN POND 'A' - PLAN  
N.T.S.



- NOTES:
- OFF SITE FLOWS DO NOT ADVERSELY IMPACT THIS SITE.
  - THIS DOES NOT LIE WITHIN A 100 YEAR FLOOD ZONE PER FIRM PANEL 350005 0023 C, DATED 10/14/83.
  - TOPOGRAPHIC SURVEY PROVIDED BY PROFESSIONAL CONTRACTING SERVICES, APRIL 1996.
  - PRIOR TO EARTHWORK OPERATIONS, CONTRACTOR MUST OBTAIN TOP SOIL DISTURBANCE PERMIT FROM CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DEPARTMENT (768-2600).
  - THE OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL PONDS AND ON-SITE STORM DRAINS.
  - ROOF DRAINS ARE DESIGNED TO DISCHARGE THROUGH FACE OF CURB
  - ALL UNDERGROUND UTILITIES ARE NOT SHOWN.

BEST WESTERN - ATRIUM  
GRADING & DRAINAGE PLAN

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