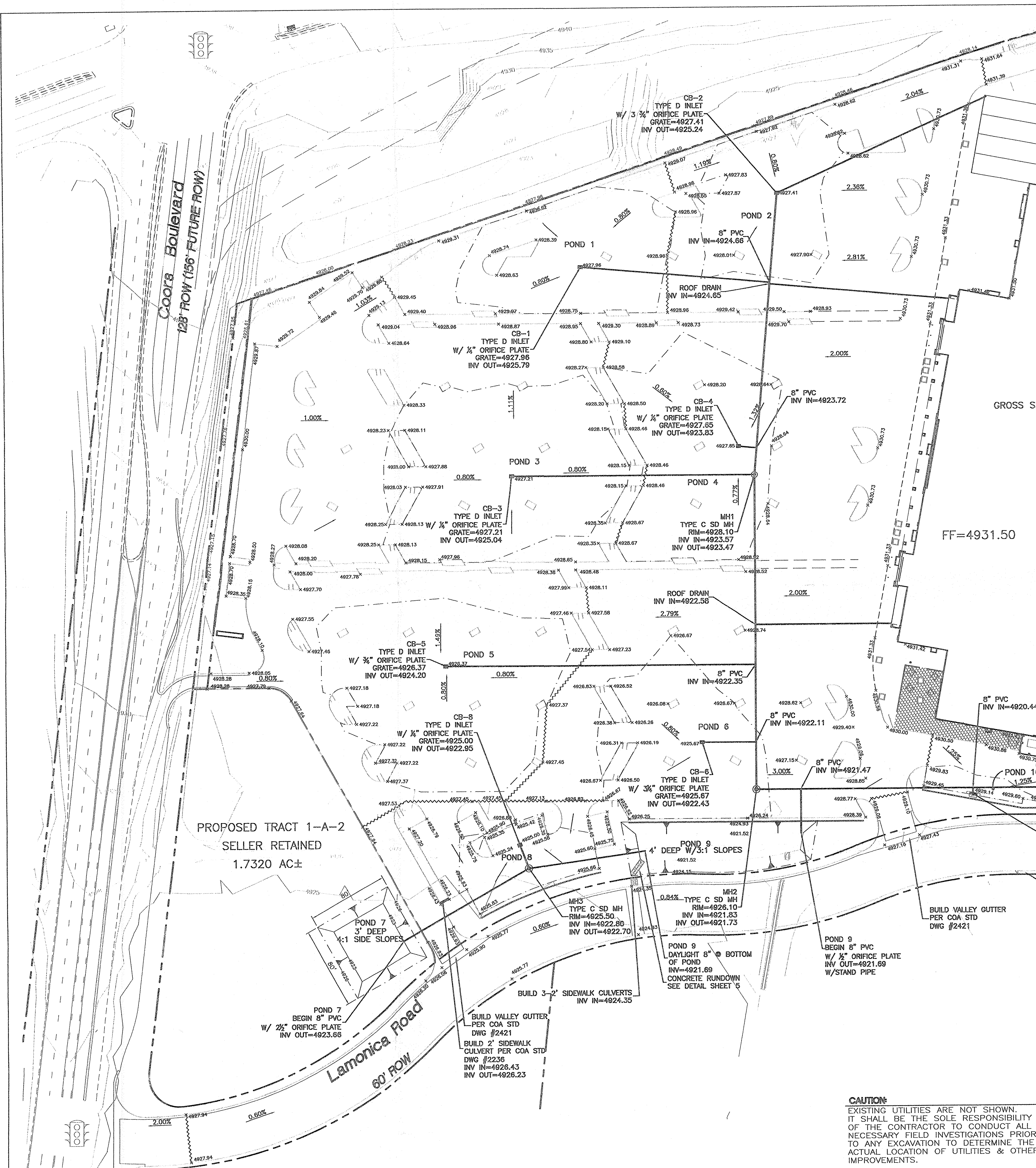




- EROSION CONTROL NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

STORM SEWER PIPE INFORMATION

LOCATION	PIPE SIZE	LF	SLOPE
CB-1 TO MAIN LINE	8" PVC	188.55	0.60%
CB-2 TO MH-1	8" PVC	278.12	0.60%
CB-3 TO MH-1	8" PVC	241.22	0.60%
CB-4 TO MAIN LINE	8" PVC	17.93	0.60%
CB-5 TO MAIN LINE	8" PVC	307.81	0.60%
CB-6 TO MAIN LINE	8" PVC	53.39	0.60%
MH-1 TO MH-2	8" PVC	308.98	0.60%
POND 7 TO MH-3	8" PVC	143.55	0.60%
MH-3 TO POND 9	8" PVC	116.90	0.60%
POND 9 TO MAIN LINE	8" PVC	43.00	0.50%
MH-2 TO MH-4	8" PVC	371.16	0.60%

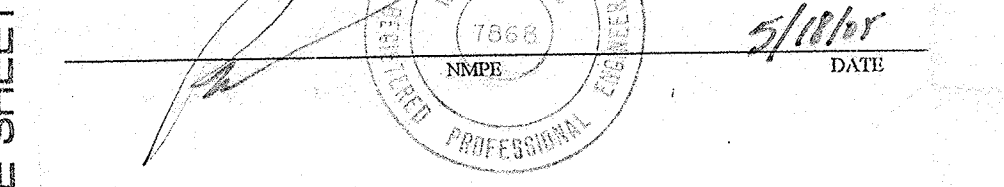
DRAINAGE CERT SURVEY WORK BY OTHERS
12/28/01

DRAINAGE CERTIFICATION

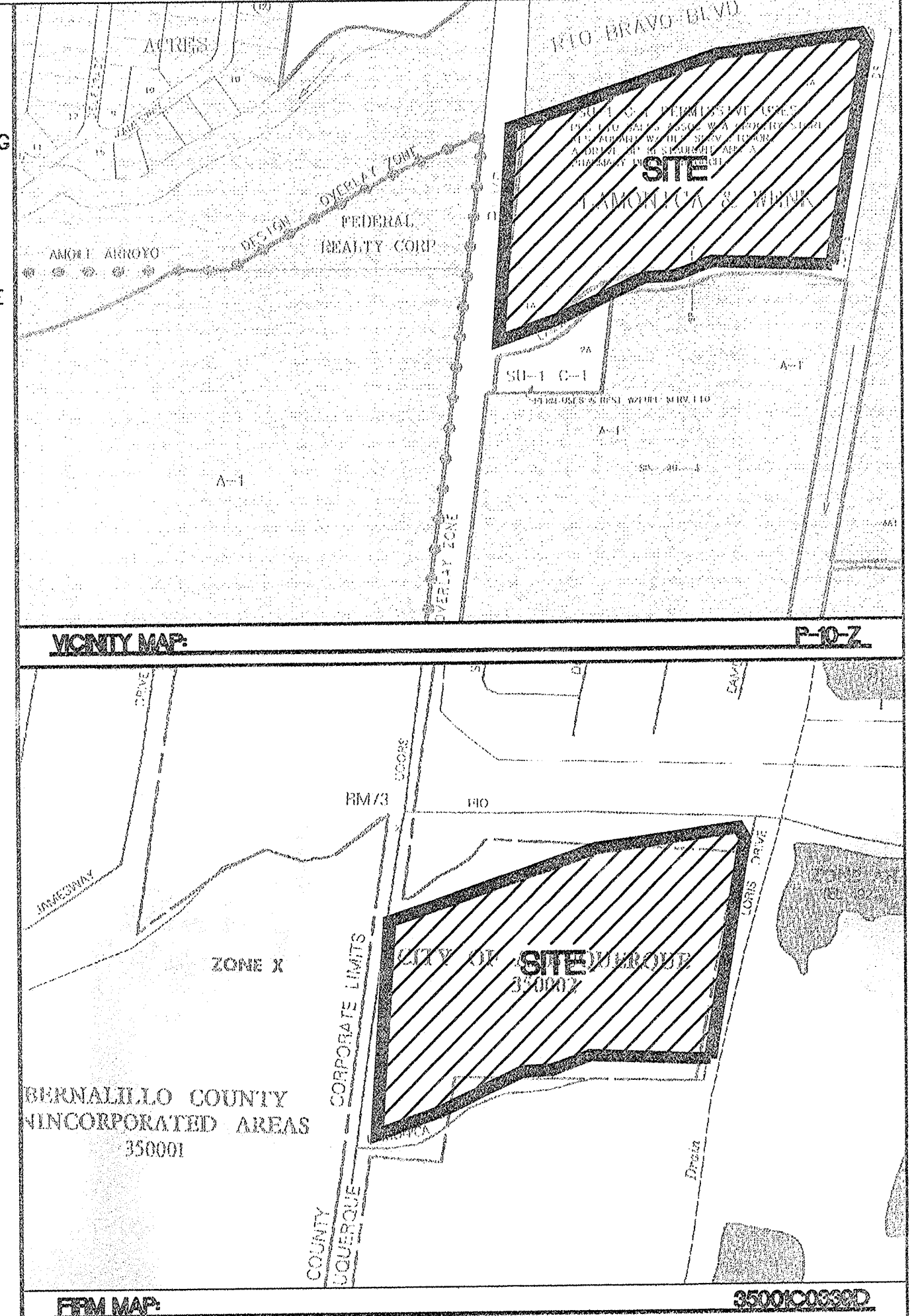
I, RONALD R. BOHANNAN, N.M.P.E. 7868, OF THE FIRM TERRA WEST, L.L.C., CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 4/17/05, AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR 30-DAY TEMPORARY CERTIFICATION OF DRAINAGE FOR CERTIFICATE OF OCCUPANCY.

NOTE: EXCEPTIONS HERE: CONTRACTOR TO PROVIDE GRADING AS-BUILT AND COMPLETE SIDEWALK CULVERT INSPECTION WITH COA STORM DRAIN MAINTENANCE DEPT. COMPLETE MASS GRADING OF TRACT 1-A-2 INCLUDING ORIFICE PLATE.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.



MATCHLINE
SEE SHEET 2



LEGAL DESCRIPTION:
TRACT 1A, LAMONICA AND WENK

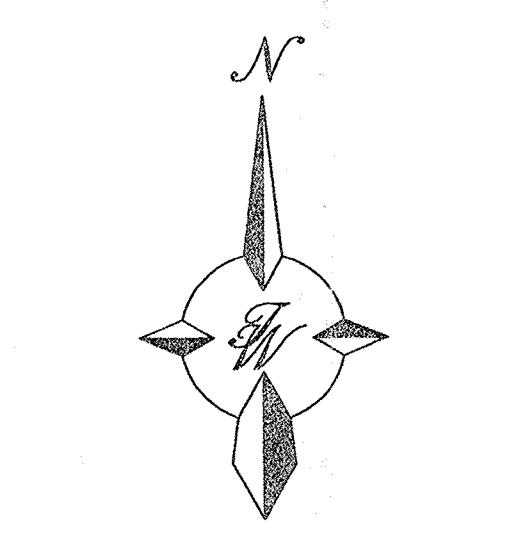
- NOTES:**
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
 2. SEE SHEET 3B FOR ALL DETAILS.

LEGEND

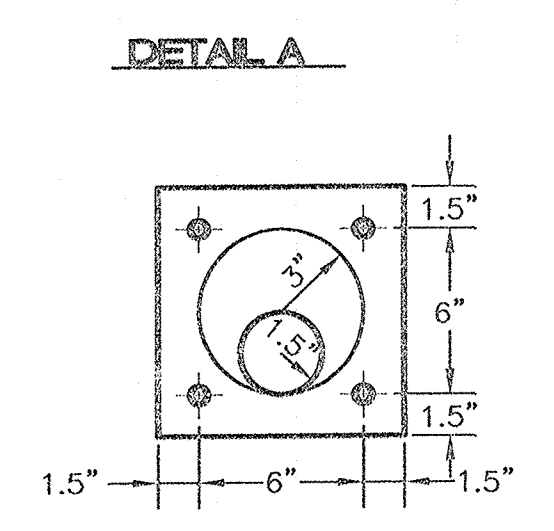
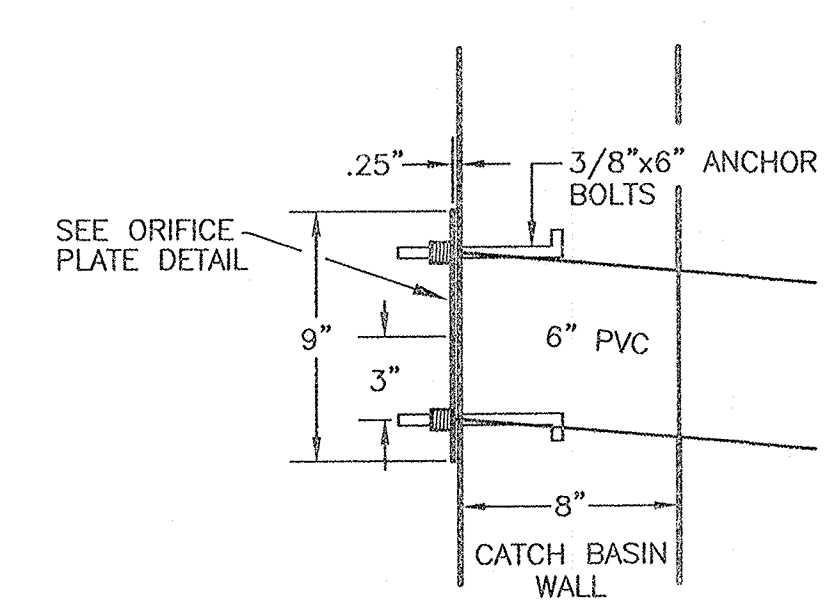
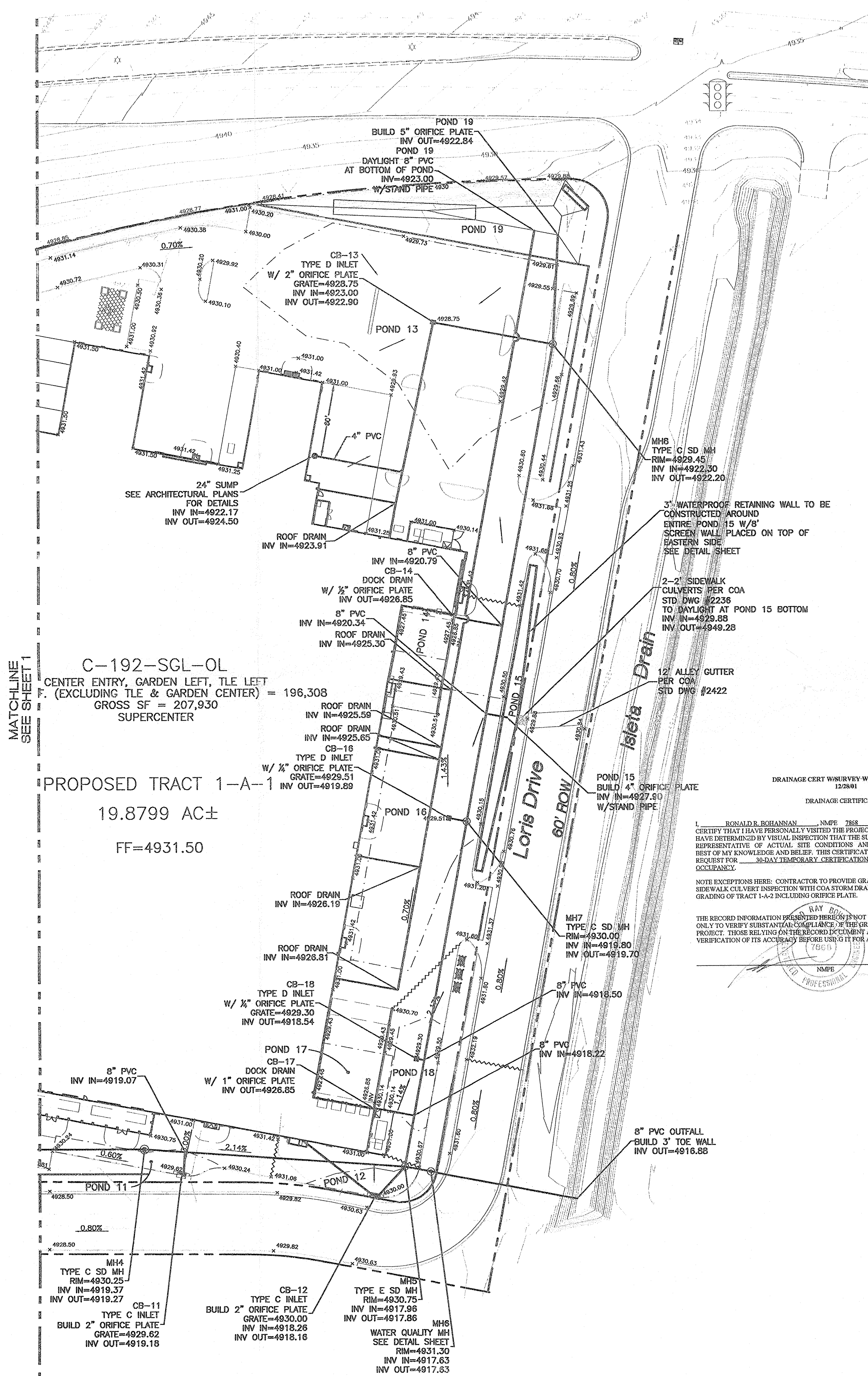
- PROPOSED STORM SEWER MANHOLE
- PROPOSED CURB INLET
- PROPOSED CATCH BASIN
- PROPOSED STORM SEWER LINE
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- BOUNDARY LINE
- EXISTING BOUNDARY LINE
- EASEMENT
- PROPOSED PERIMETER WALL
- PROPOSED RETAINING WALL
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- GRADING HIGH POINT
- SLOPE TIE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

ROUGH GRADING APPROVAL

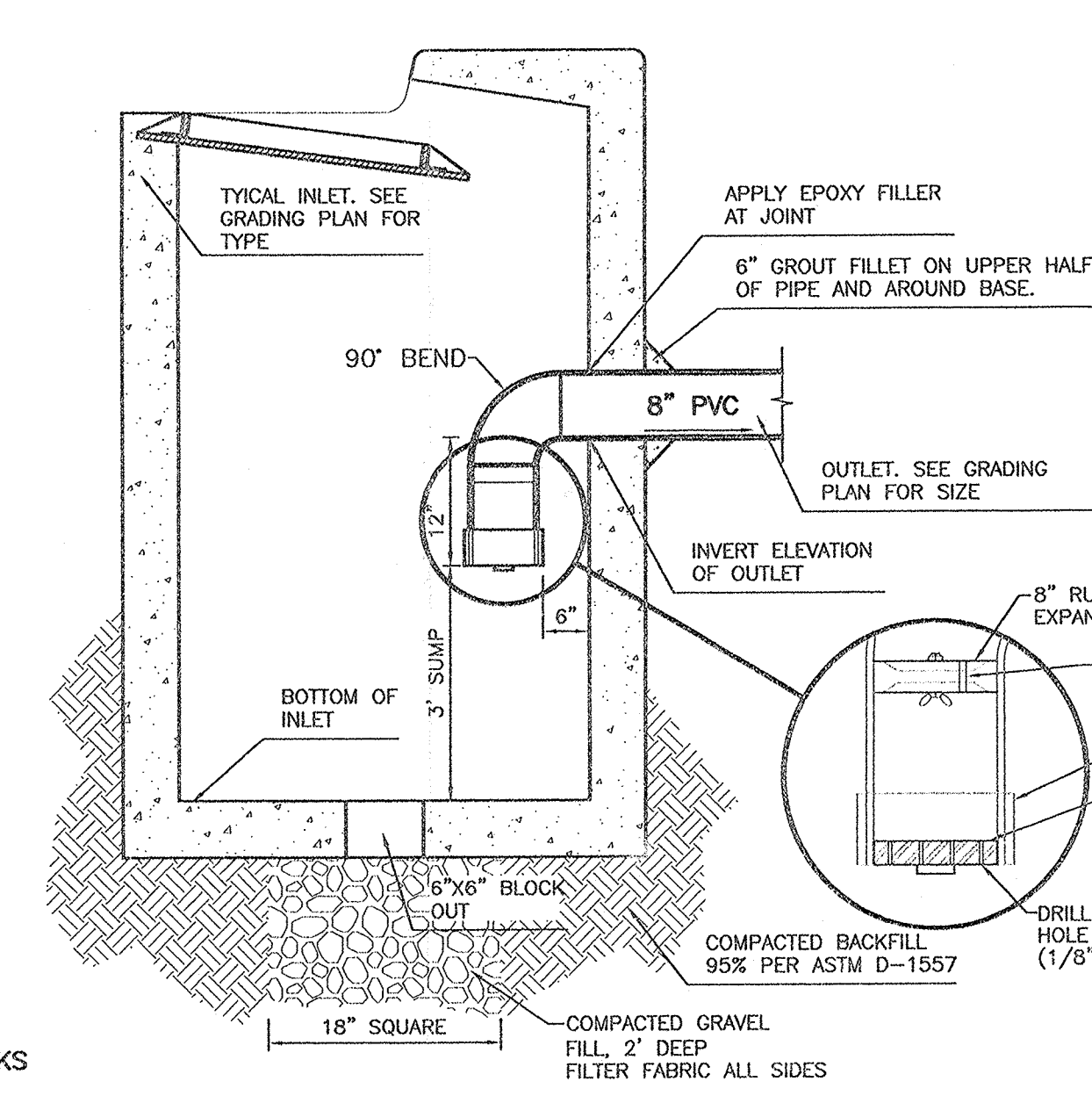
NO.	DATE	REMARKS	BY
REVISIONS			
ENGINEER'S SEAL	ALBUQUERQUE SOUTH WAL-MART #5430-00		DRAWN BY WCWJ
TERRA WEST, L.L.C. 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100	GRADING AND DRAINAGE PLAN		DATE 2-25-04
	SHEET # 4 OF 8		JOB # 220094
RONALD R. BOHANNAN P.E. #7868		2294GRB-2-17-04X	



CAUTION:
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

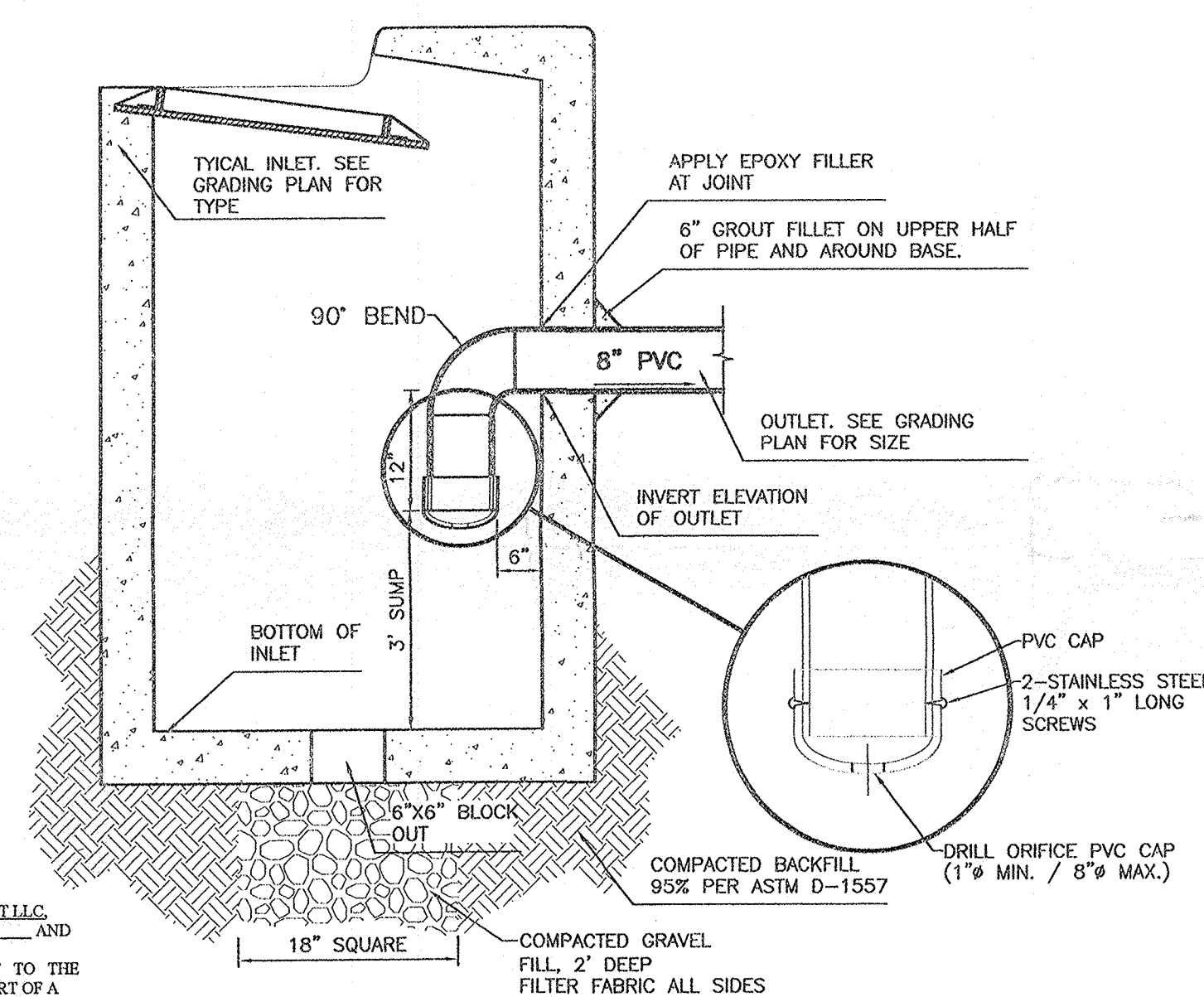


NOTE: TO BE USED AT TRUCK DOCKS



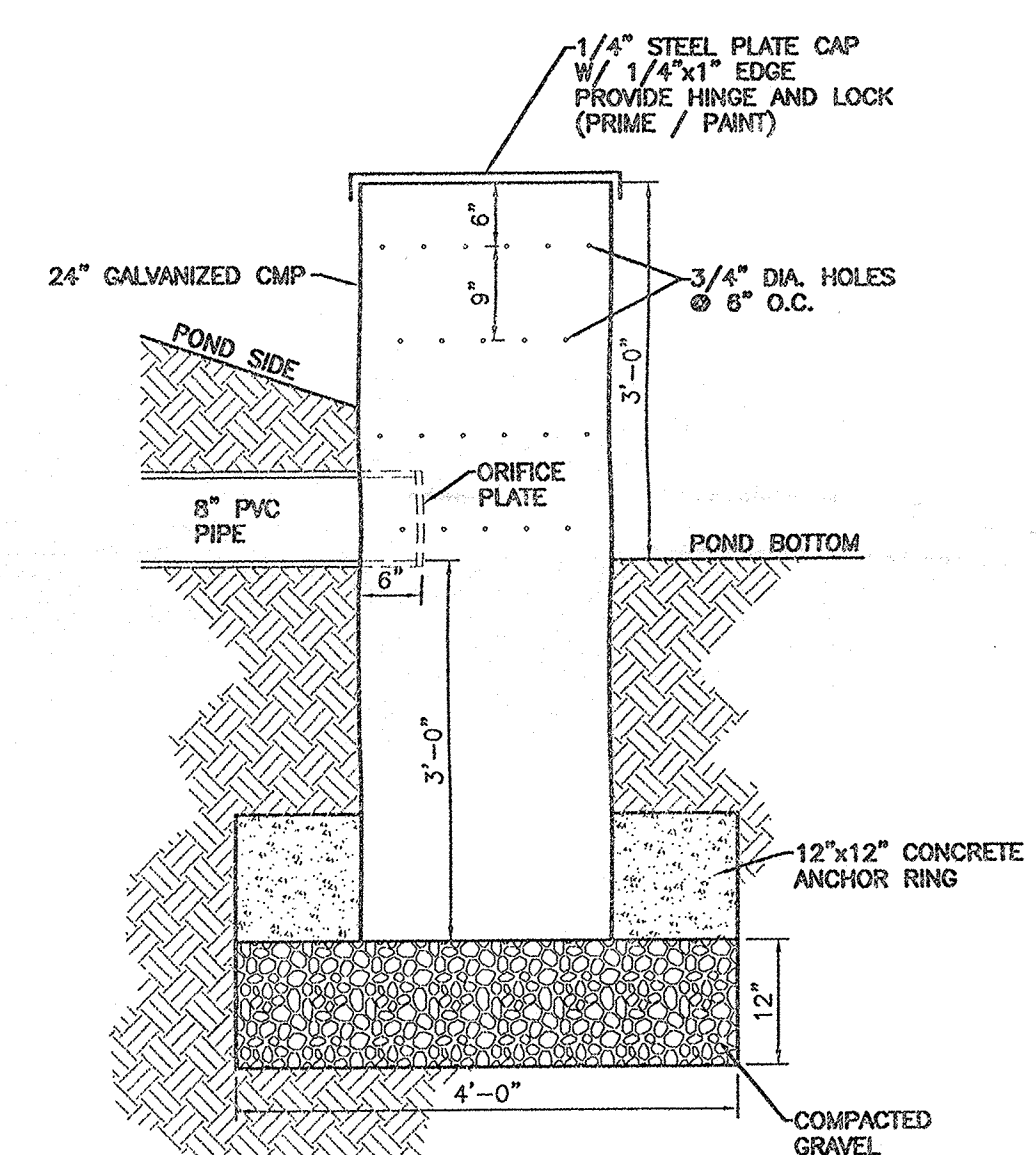
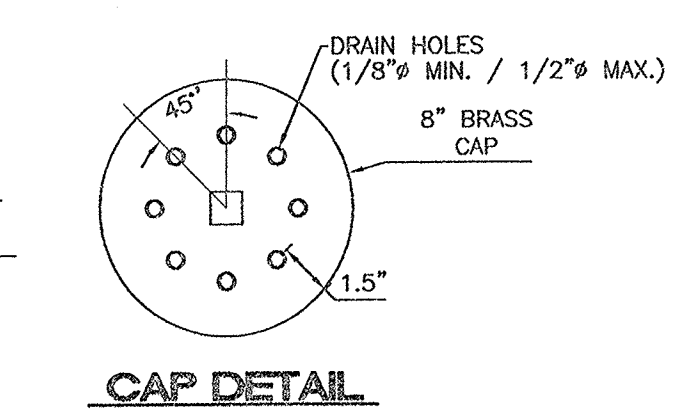
NOTE: INLET TO BE CLEANED OUT AFTER EACH MAJOR EVENT OR WHEN SUMP ACCUMULATES DEBRIS.

TYPICAL SMALL (1" MAX) ORIFICE OUTLET DETAIL



NOTE: INLET TO BE CLEANED OUT AFTER EACH MAJOR EVENT OR WHEN SUMP ACCUMULATES DEBRIS.

TYPICAL LARGE (1'-8" Ø) ORIFICE OUTLET DETAIL

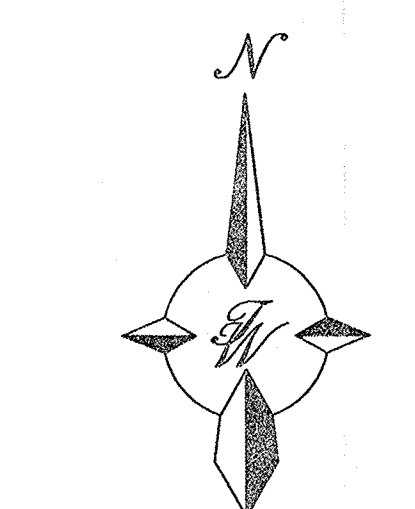


STAND PIPE DETAIL

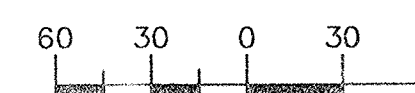
DRAINAGE CERT WHURVEY WORK BY OTHERS
12/28/01
DRAINAGE CERTIFICATION
I, RONALD R. BOHANNAN, NMPE 7868, OF THE FIRM TERRA WEST, LLC, CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 12/28/01 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR 30-DAY TEMPORARY CERTIFICATION OF DRAINAGE FOR CRITICAL AREA OF OCCUPANCY.
NOTE EXCEPTIONS HERE: CONTRACTOR TO PROVIDE GRADING AS-BUILTS AND COMPLETE SIDEWALK CULVERT INSPECTION WITH COA STORM DRAIN MAINTENANCE DEPT. COMPLETE MASS GRADING OF TRACT 1-A-2 INCLUDING ORIFICE PLATE.
THE RECORD INFORMATION PROVIDED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.
DATE 5/10/02
NMPE

STORM SEWER PIPE INFORMATION

LOCATION	PIPE SIZE	LF	SLOPE
CB-11 TO MAIN LINE	8" PVC	17.41	0.60%
CB-12 TO MH-5	8" PVC	33.68	0.60%
CB-3 TO MH-1	8" PVC	241.22	0.60%
MH-4 TO MH-5	8" PVC	217.82	0.60%
MH-5 TO MH-6	8" PVC	22.00	0.60%
MH-6 TO OUTFALL	8" PVC	124.13	0.60%
MH-7 TO MH-5	8" PVC	288.56	0.60%
MH-8 TO MH-7	8" PVC	399.19	0.60%
CB-13 TO MH-8	8" PVC	101.22	0.60%
CB-14 TO MAIN LINE	8" PVC	40.53	15.12%
CB-16 TO MAIN LINE	8" PVC	15.32	0.60%
CB-17 TO MAIN LINE	8" PVC	33.86	25.49%
CB-18 TO MAIN LINE	8" PVC	6.49	0.60%
POND 15 TO MAIN LINE	8" PVC	17.48	43.25%
ROOF DRAIN TO POND 19	8" PVC	307.04	0.60%
POND 19 TO MH-8	8" PVC	89.79	0.60%



GRAPHIC SCALE



SCALE: 1"=60'

NO.		DATE		REMARKS		BY	
				REVISIONS			
ENGINEER'S SEAL		ALBUQUERQUE SOUTH WAL-MART #5430-00				DRAWN BY WCWJ	
		GRADING AND DRAINAGE PLAN				DATE 2-26-04	
		TERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 (505)858-3100				SHEET # 5 OF 8	
RONALD R. BOHANNAN P.E. #7868						JOB # 220094	