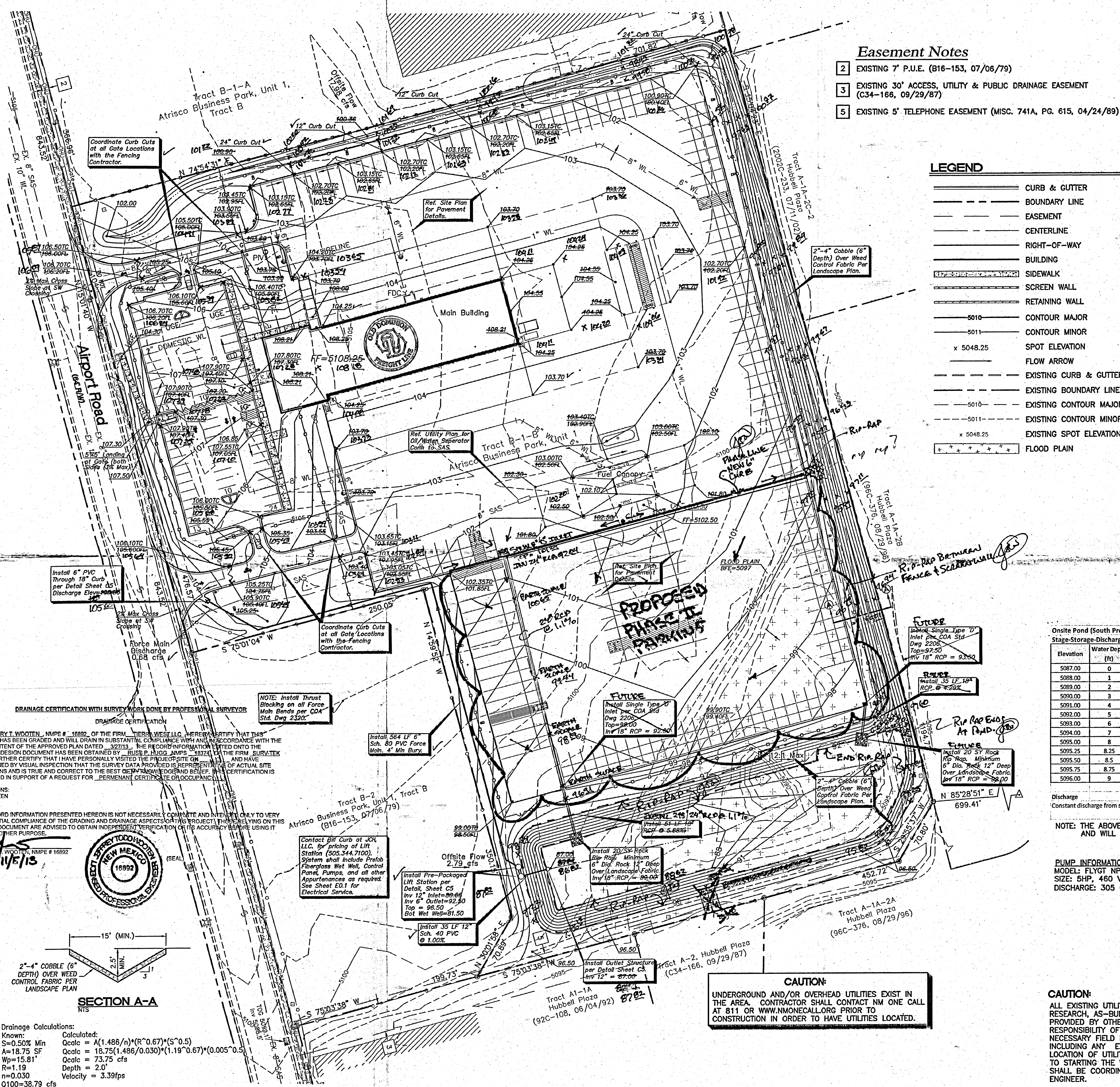
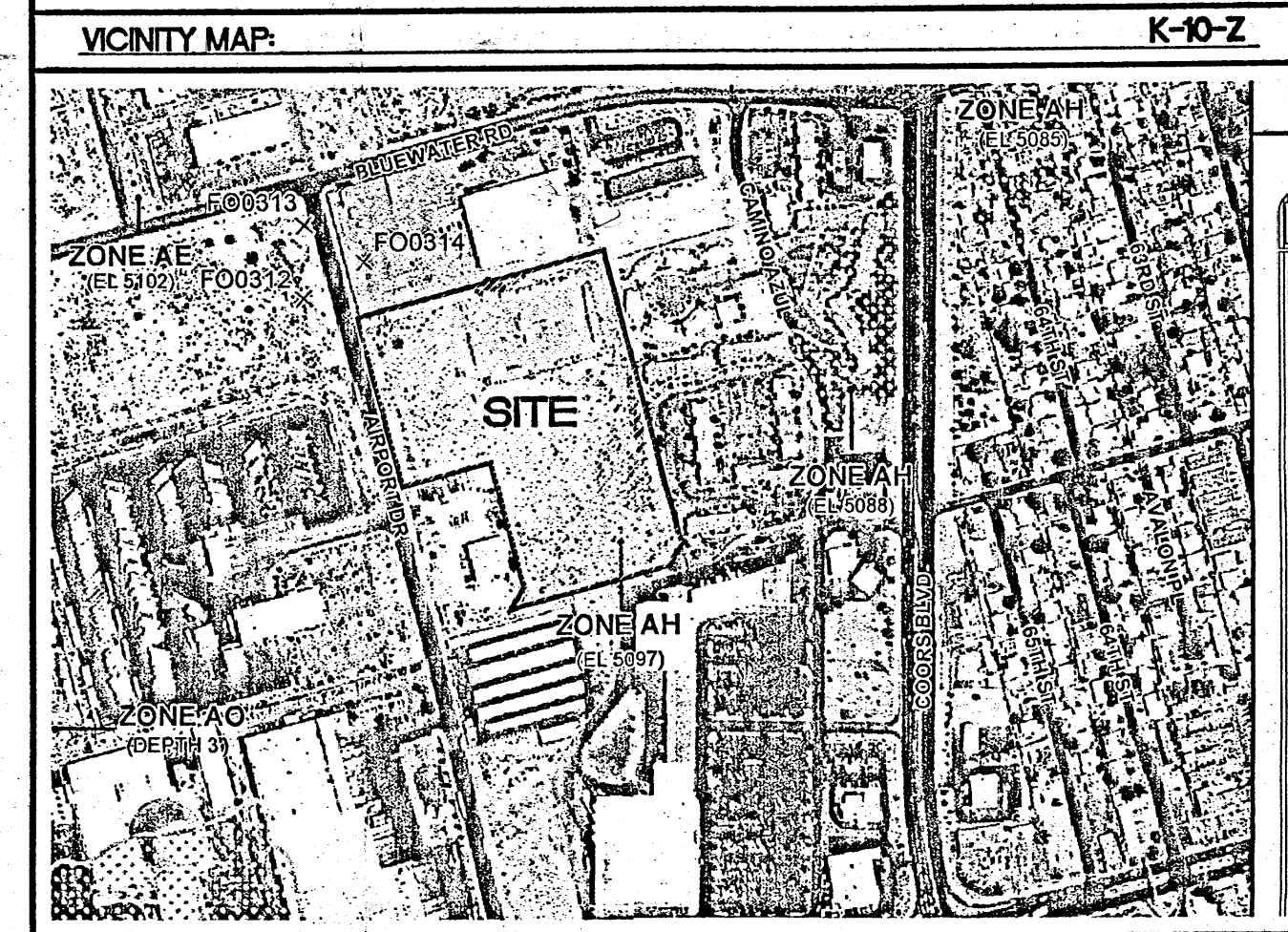
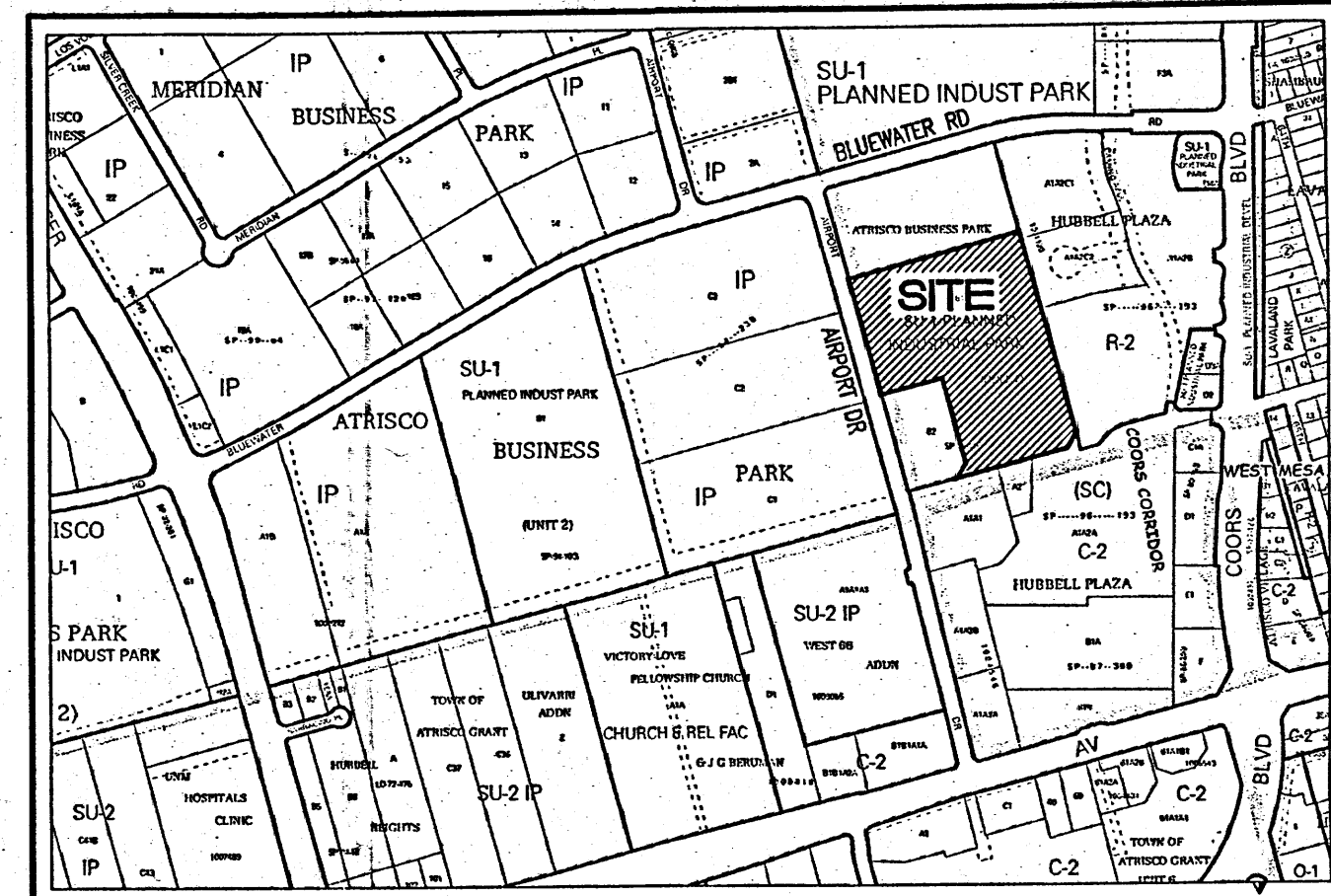




- Easement Notes**
- 2 EXISTING 7' P.U.E. (B16-153, 07/06/79)
  - 3 EXISTING 30' ACCESS, UTILITY & PUBLIC DRAINAGE EASEMENT (C34-166, 09/29/87)
  - 5 EXISTING 5' TELEPHONE EASEMENT (MISC. 741A, PG. 615, 04/24/89)

**LEGEND**

|           |                         |
|-----------|-------------------------|
| ---       | CURB & GUTTER           |
| ---       | BOUNDARY LINE           |
| ---       | EASEMENT                |
| ---       | CENTERLINE              |
| ---       | RIGHT-OF-WAY            |
| ---       | BUILDING                |
| ---       | SIDEWALK                |
| ---       | SCREEN WALL             |
| ---       | RETAINING WALL          |
| ---       | CONTOUR MAJOR           |
| ---       | CONTOUR MINOR           |
| x 5048.25 | SPOT ELEVATION          |
| ---       | FLOW ARROW              |
| ---       | EXISTING CURB & GUTTER  |
| ---       | EXISTING BOUNDARY LINE  |
| ---       | EXISTING CONTOUR MAJOR  |
| ---       | EXISTING CONTOUR MINOR  |
| x 5048.25 | EXISTING SPOT ELEVATION |
| ---       | FLOOD PLAN              |



**POND VOLUME REQUIREMENTS**

| Pond                        | 100 yr. 6 hr | 10 day |
|-----------------------------|--------------|--------|
| Required First Flush Volume | 0.43         | 5.38   |
| Required Total Volume       | 2.69         | 5.38   |
| Provided Total Volume       | 6.04         | 6.04   |
| WS Elevation                | 5093         | 5095.5 |

**Onsite Pond (South Property Line)**

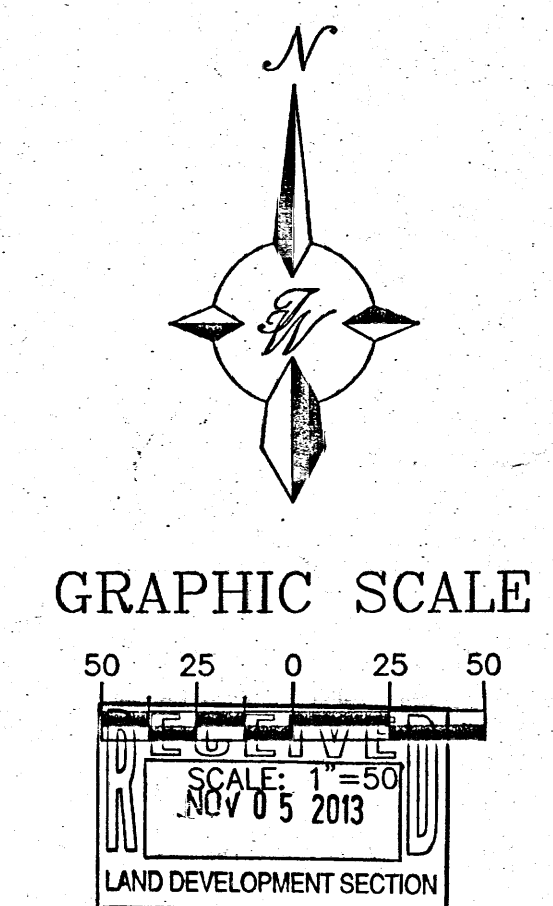
Stage-Storage-Discharge Table

| Elevation | Water Depth (ft) | Contour Area (sf) | Volume (cu-ft) | Volume (ac-ft) | Outlet Flow Q <sub>max</sub> (gpm) | Outlet Flow Q <sub>max</sub> (cfs) | Notes              |
|-----------|------------------|-------------------|----------------|----------------|------------------------------------|------------------------------------|--------------------|
| 5087.00   | 0                | 0                 | 0              | 0              | 0                                  | 0                                  | Pond bottom        |
| 5088.00   | 1                | 11,813.1          | 5,906.55       | 0.1356         | 0                                  | 0                                  |                    |
| 5089.00   | 2                | 14,392.2          | 19,009.19      | 0.4364         | 305                                | 0.680                              | First flush volume |
| 5090.00   | 3                | 17,864.4          | 35,197.50      | 0.8080         | 305                                | 0.680                              |                    |
| 5091.00   | 4                | 22,864.1          | 55,621.78      | 1.2769         | 305                                | 0.680                              |                    |
| 5092.00   | 5                | 35,502.2          | 84,804.93      | 1.9469         | 305                                | 0.680                              |                    |
| 5093.00   | 6                | 39,092.2          | 122,102.12     | 2.8031         | 305                                | 0.680                              |                    |
| 5094.00   | 7                | 43,876.2          | 163,586.34     | 3.7554         | 305                                | 0.680                              |                    |
| 5095.00   | 8                | 49,513.6          | 210,281.24     | 4.8274         | 305                                | 0.680                              |                    |
| 5095.25   | 8.25             | 50,997.8          | 222,845.16     | 5.1158         | 305                                | 0.680                              |                    |
| 5095.50   | 8.5              | 52,512.0          | 235,783.89     | 5.4129         | 305                                | 0.680                              | 10 day volume      |
| 5095.75   | 8.75             | 54,056.1          | 249,104.90     | 5.7187         | 305                                | 0.680                              |                    |
| 5096.00   | 9                | 56,282.1          | 263,179.09     | 6.0418         | 305                                | 0.680                              | Top of pond        |

Discharge  
Constant discharge from storm water lift station - Pump requirements: 305 gpm and 22 ft of static head.

NOTE: THE ABOVE POND VOLUMES SHALL BE VERIFIED AS PART OF THE DRAINAGE CERTIFICATION AND WILL BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

**PUMP INFORMATION**  
MODEL: FLYGT NP3102.160  
SIZE: 5HP, 460 VAC, 3-PHASE, 60 HZ.  
DISCHARGE: 305 GAL/MIN (0.68 CFS)



**CAUTION:**  
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

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**OLD DOMINION FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Final Permit Set: 03-01-13  
Plan Revisions: 03-19-13

**JEFFREY TODD WOOTEN**  
REGISTERED PROFESSIONAL ENGINEER  
NEW MEXICO  
16892

ODFL Albuquerque, NM - ALB

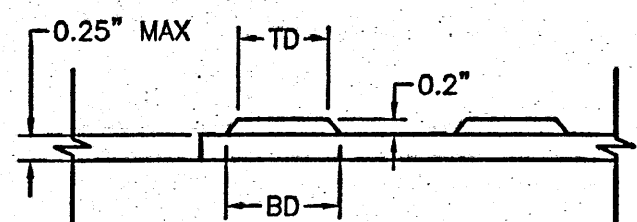
Project No. 12071.00

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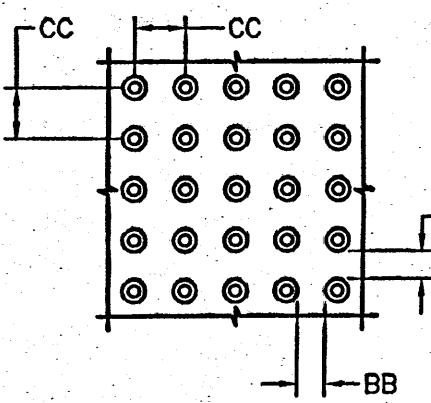
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**GRADING AND DRAINAGE PLAN**

Sheet Number:

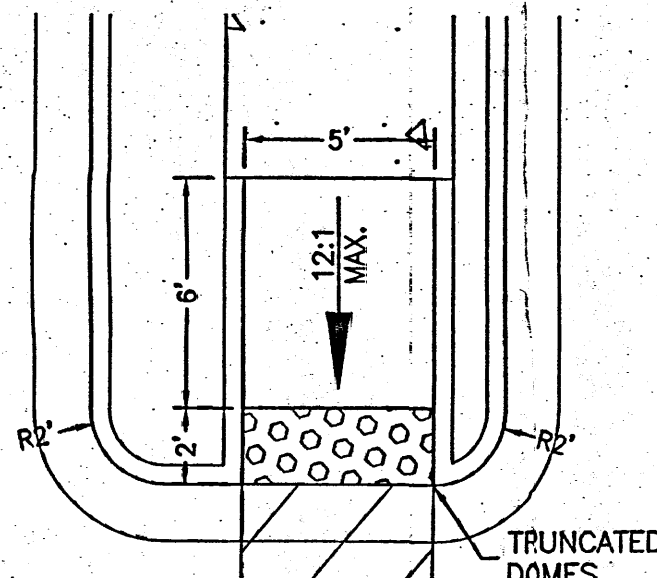
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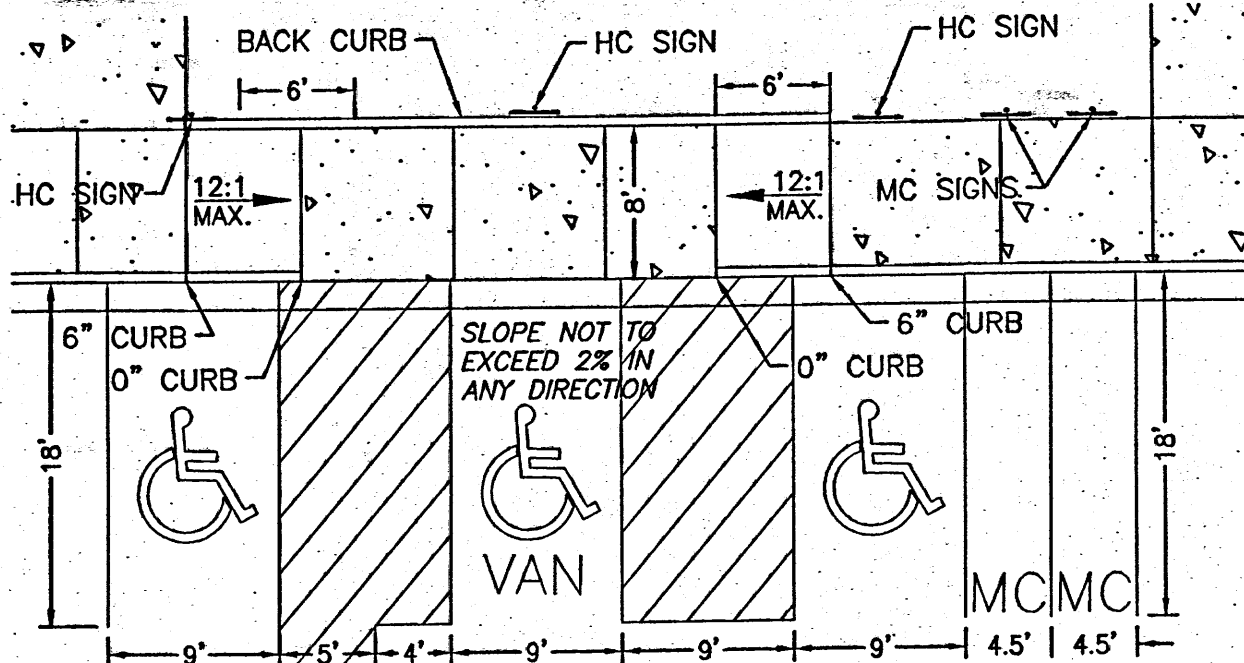
**DOME SECTION**  
 BD - BASE DIAMETER 0.9" MIN  
 TD - TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX



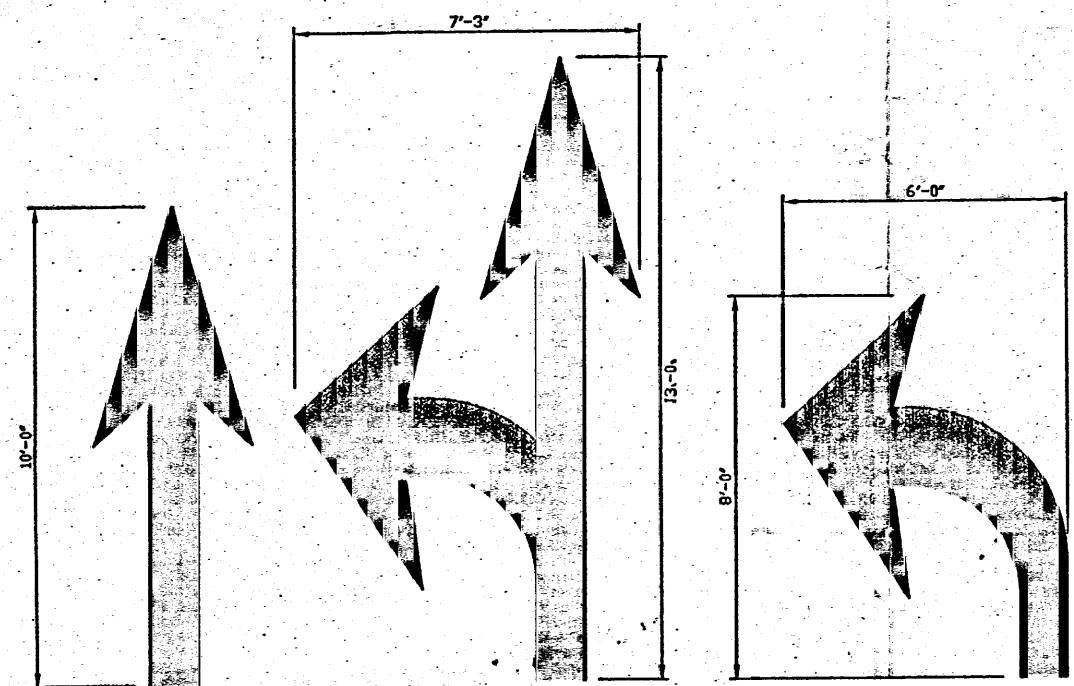
**DOME SPACING**  
 CC - CENTER TO CENTER SPACING 2.35"  
 BB - BASE TO BASE SPACING 1.48" MIN



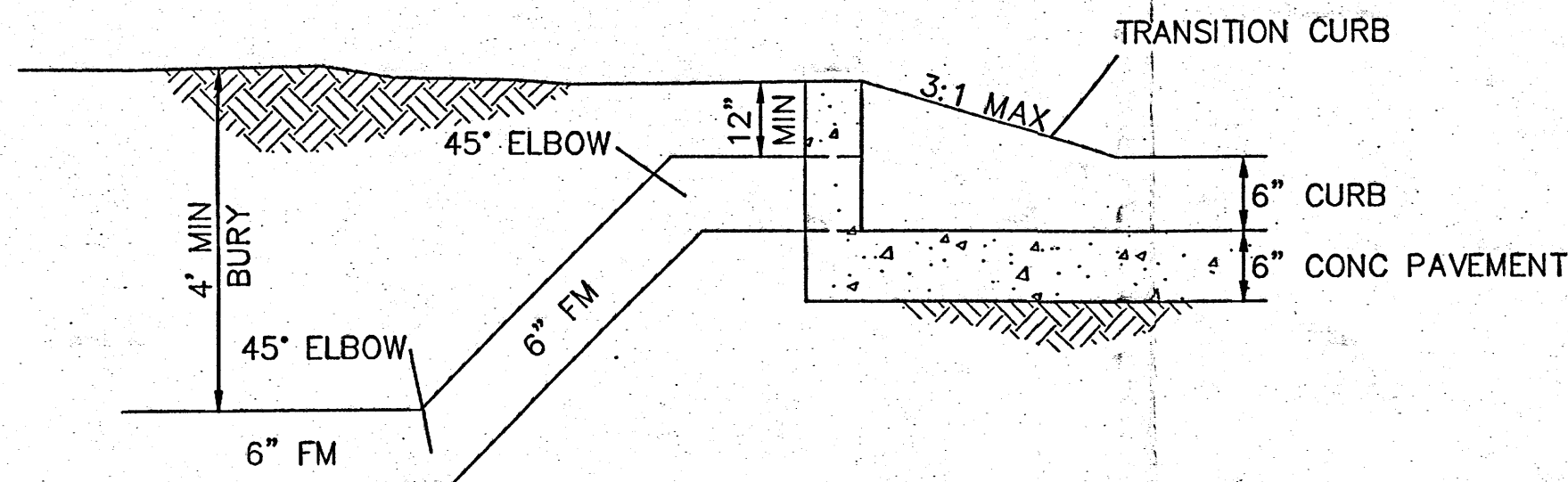
**ADA RAMP 'A'**  
 SCALE: NTS



**HC PARKING - MAIN BLDG. ENTRANCE**  
 SCALE: NTS



**PAVEMENT MARKINGS**  
 N.T.S.



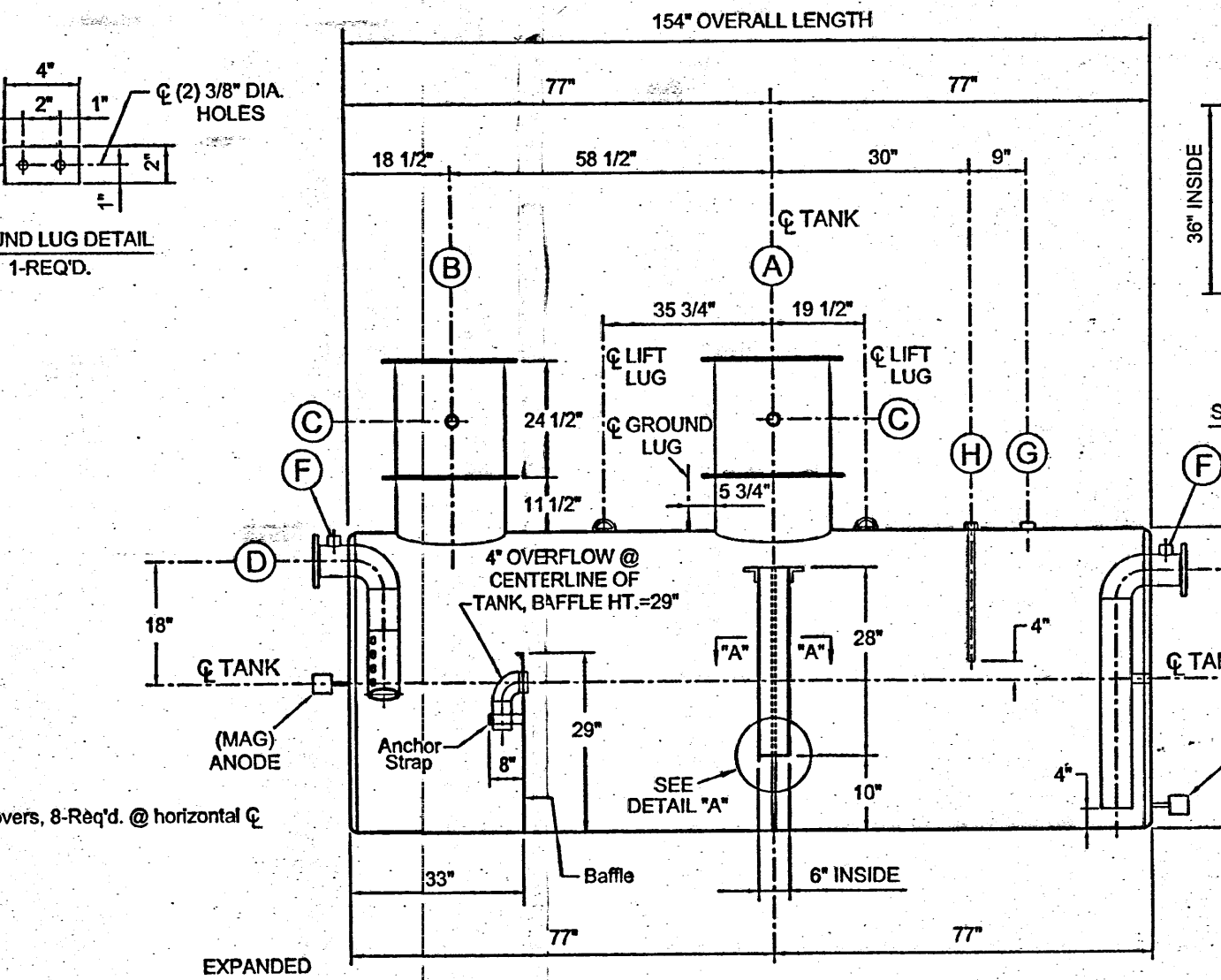
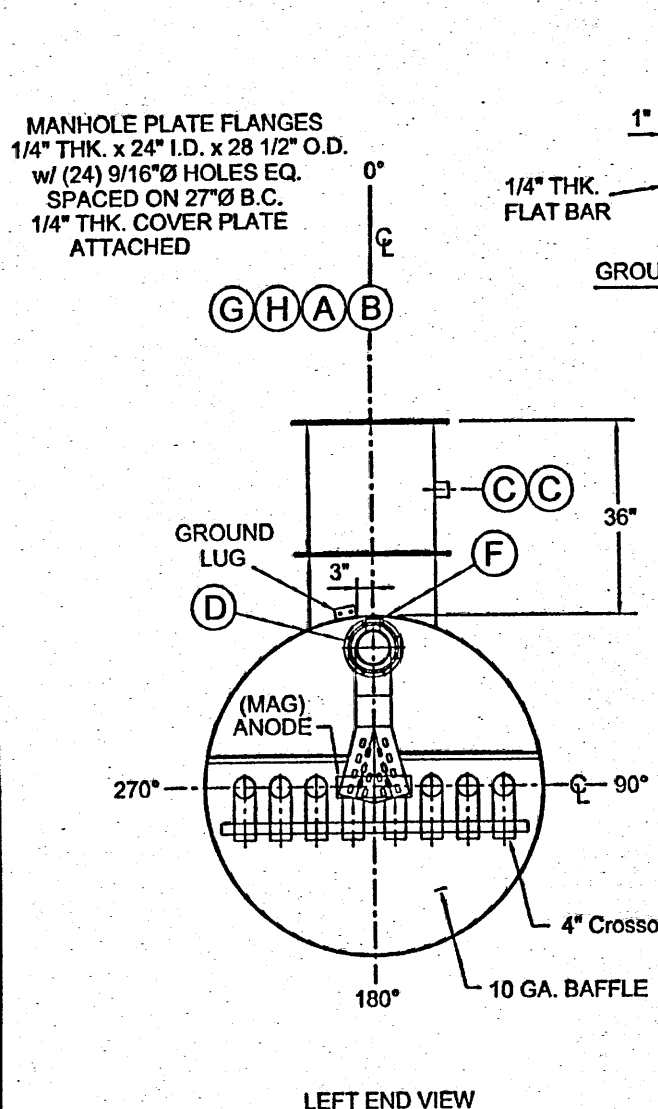
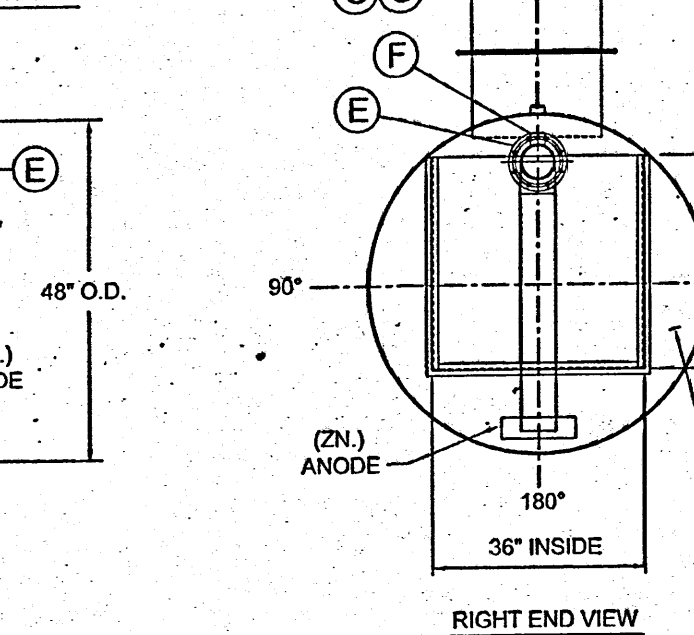
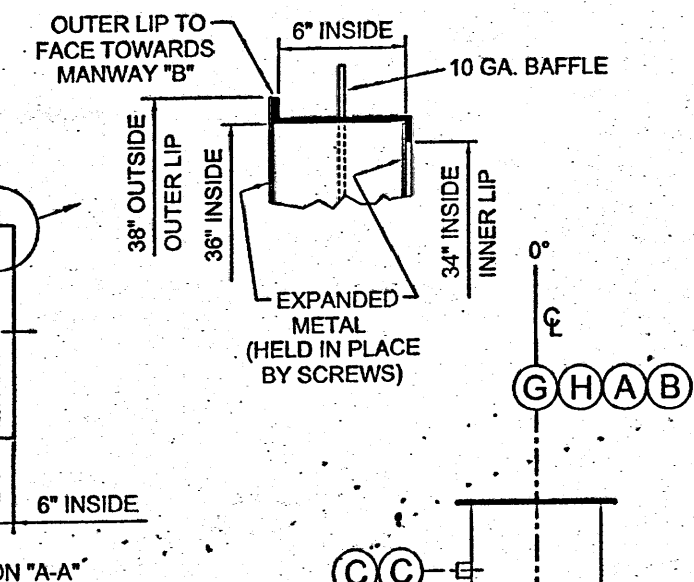
**FORCE MAIN DISCHARGE DETAIL**  
 NTS

FOR REFERENCE ONLY

**GENERAL NOTE:**  
 1. INTERIOR COATED TNEC #81 EPOXY.

THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH S11-P3 SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.

| ITEM | QTY. | SIZE | RATING    | TYPE      | MATL. | PROJ. IN | PROJ. OUT | NOZZLE DESCRIPTION |          |           | WELD LEG DIM. (NOZ. TO SHELL) |         | REMARKS       | NOTES             |
|------|------|------|-----------|-----------|-------|----------|-----------|--------------------|----------|-----------|-------------------------------|---------|---------------|-------------------|
|      |      |      |           |           |       |          |           | WEIGHT             | WALL SZ. | SIZE O.D. | INWARD                        | OUTWARD |               |                   |
| A    | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 0"       | AS SHWN   |                    |          |           |                               |         | FILLET / GRV. | VENT              |
| B    | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | SLUDGE REMOVAL    |
| C    | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |          |           |                               |         | FILLET / GRV. | VENT              |
| D    | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | INLET             |
| E    | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | OUTLET            |
| F    | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |          |           |                               |         | FILLET / GRV. | VENT              |
| G    | 1    | 6"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | OIL LEVEL CONTROL |
| H    | 1    | 6"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | OIL PUMP OUT      |



**SERVICE WELDING & MACHINE COMPANY**  
 INCORPORATED

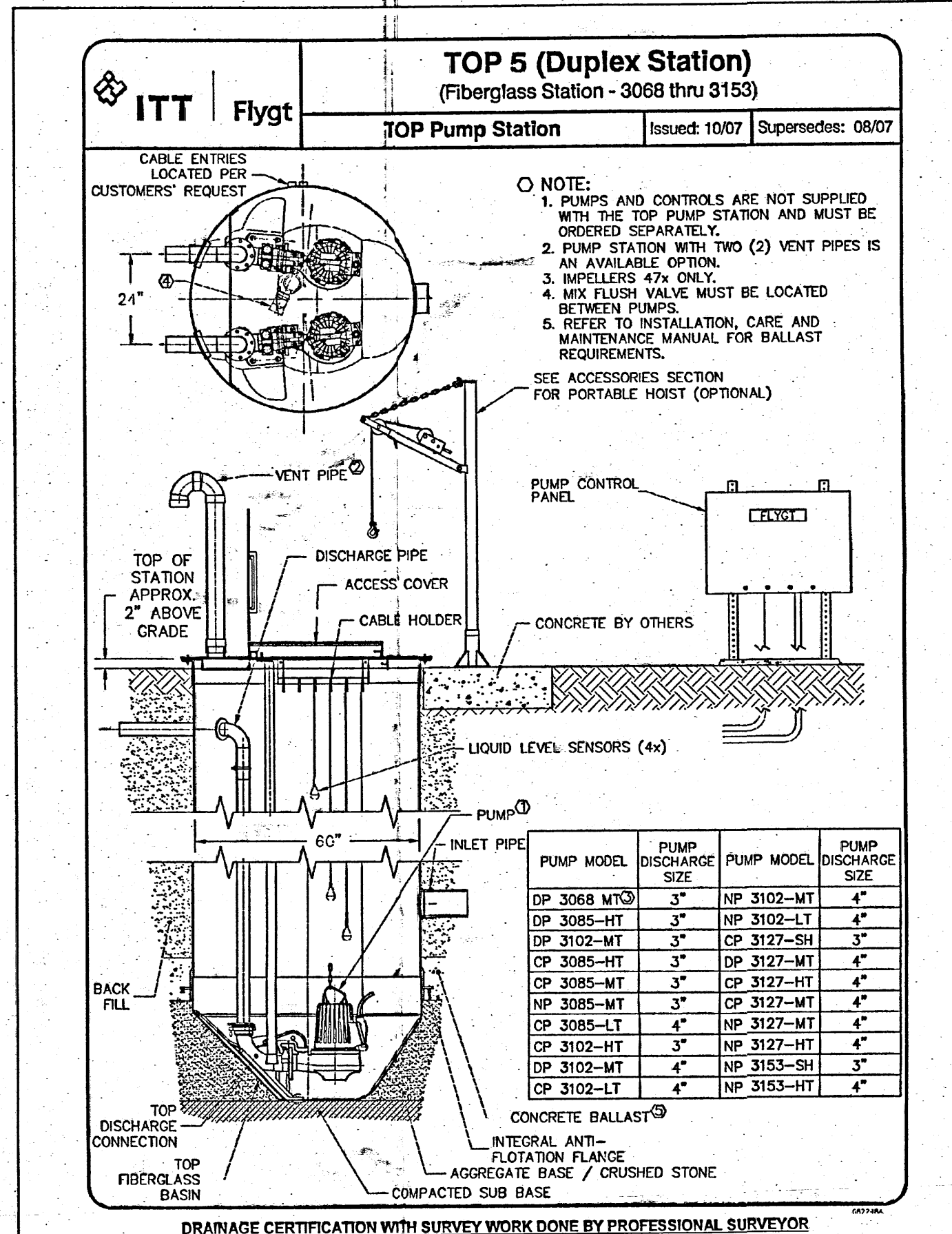
1,000 Gallon KleeWater Oil Separator Tank  
 BENEFICIAL STSTEMS / JETERSVILLE, VA.

DRAWN BY D.D.  
 DATE 5-10-07  
 APPROVED  
 DRAWING No. 8608

FOR REFERENCE ONLY

Contact Bill Curb at JCH, LLC. for pricing of Lift Station (505.344.7100). System shall include Prefab Fiberglass Wet Well, Control Panel, Pumps, and all other Appurtenances as required. See Sheet E0.1 for Electrical Service.

- NOTES:
- WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
  - THESE WORDS AND ARROWS ARE TO BE PAINTED RETROREFLECTIVE WHITE.

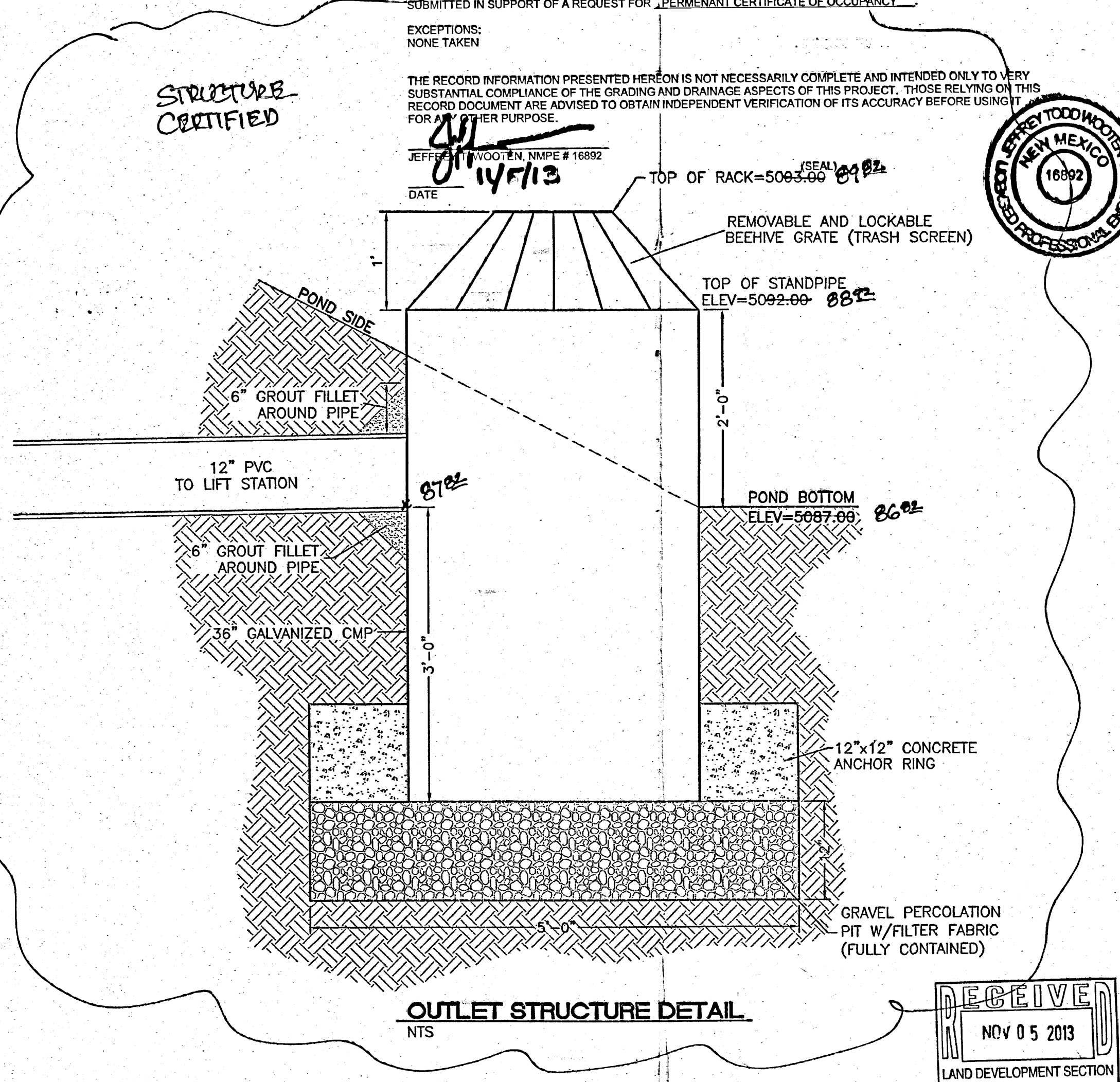


FOR REFERENCE ONLY

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REVISIONS

- Revised Detail; 3/19/13
- Added New Detail; 3/19/13



**OUTLET STRUCTURE DETAIL**  
 NTS

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 LAND DEVELOPMENT SECTION

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A NEW TERMINAL FOR:  
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Final Permit Set: 03-01-13  
 Plan Revisions: 03-19-13

JEFFERY TODD WOOLLEN  
 NEW MEXICO  
 16892  
 3/27/13  
 JEFFERY T. WOOLLEN  
 P. #16892

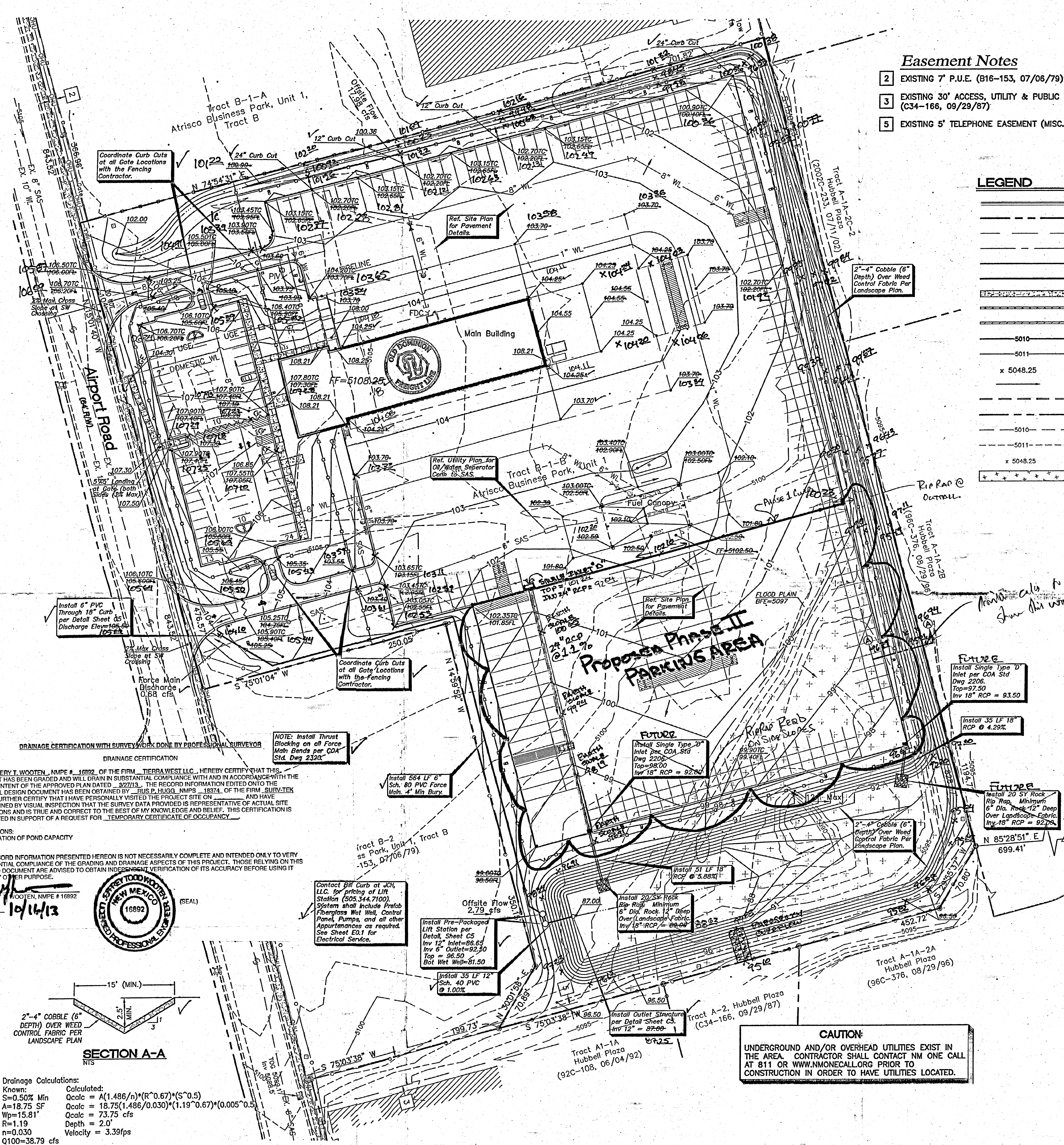
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Sheet Name:  
**DETAILS**

Sheet Number:

C5

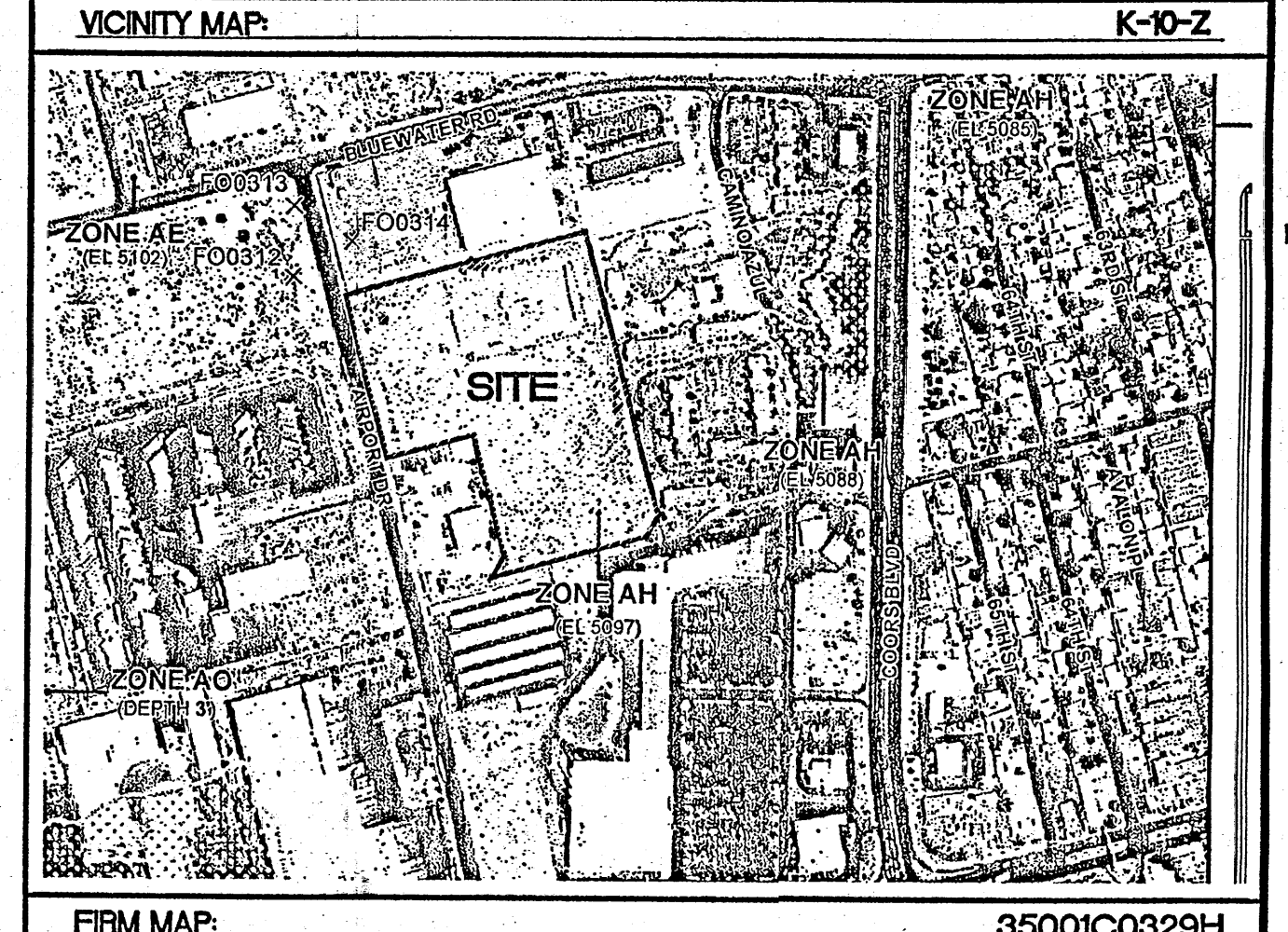
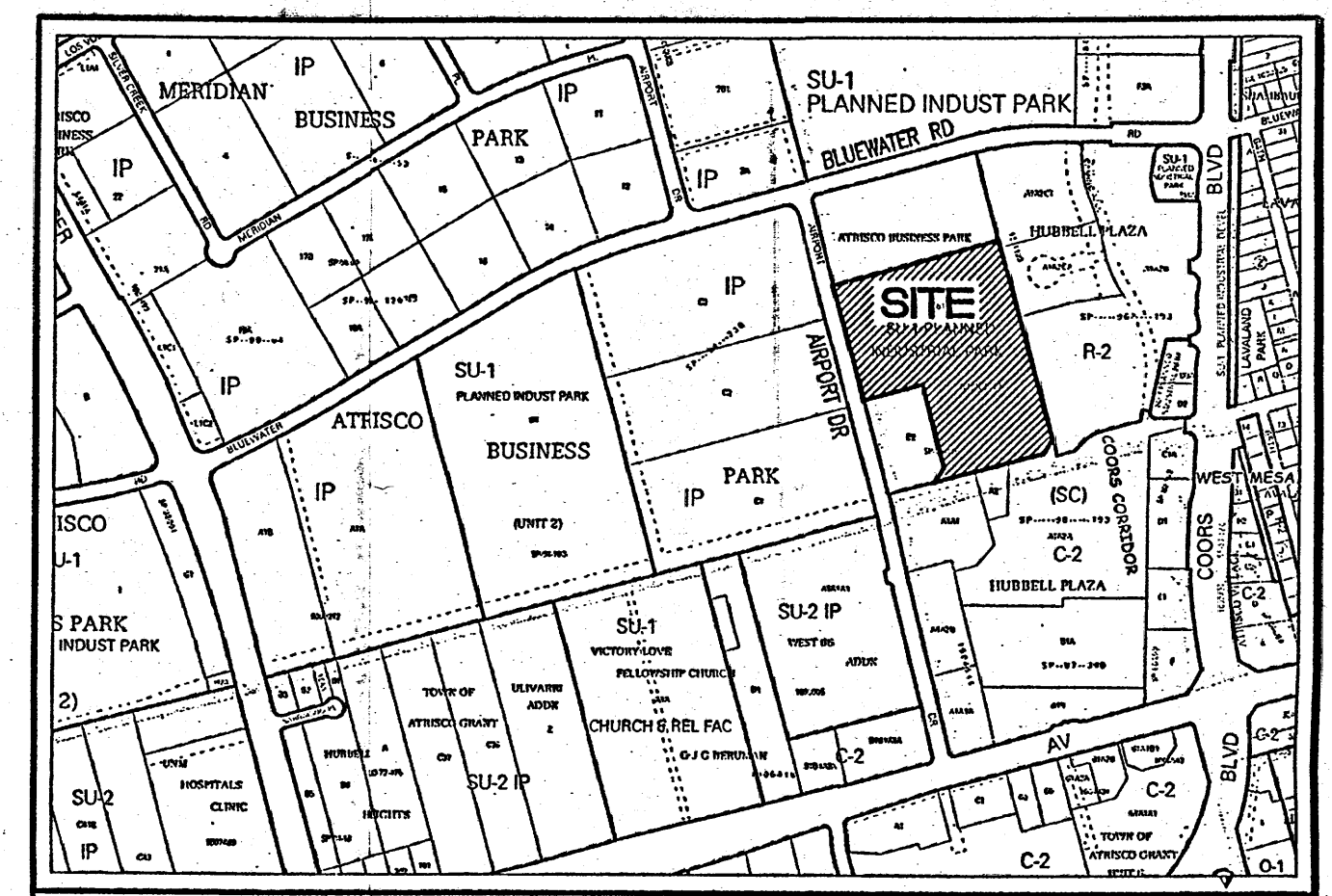


Easement Notes

- 2 EXISTING 7' P.U.E. (B16-153, 07/08/79)
- 3 EXISTING 30' ACCESS, UTILITY & PUBLIC DRAINAGE EASEMENT (C34-166, 09/29/87)
- 5 EXISTING 5' TELEPHONE EASEMENT (MISC. 741A, PG. 615, 04/24/89)

LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- CENTERLINE
- RIGHT-OF-WAY
- BUILDING
- SIDEWALK
- SCREEN WALL
- RETAINING WALL
- CONTOUR MAJOR
- CONTOUR MINOR
- SPOT ELEVATION
- FLOW ARROW
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- EXISTING SPOT ELEVATION
- FLOOD PLAIN



POND VOLUME REQUIREMENTS

| Pond                        | 100 Yr. 6 hr | 10 day |
|-----------------------------|--------------|--------|
| Required First Flush Volume | 0.43         | 5.38   |
| Required Total Volume       | 2.69         | 5.38   |
| Provided Total Volume       | 6.04         | 6.04   |
| WS Elevation                | 5093         | 5095.5 |

Onsite Pond (South Property Line)  
Stage-Storage-Discharge Table

| Elevation (ft) | Water Depth (ft) | Contour Area (sf) | Volume (cu-ft) | Volume (ac-ft) | Outlet Flow Q <sub>max</sub> (gpm) | Outlet Flow Q <sub>max</sub> (cfs) | Notes                |
|----------------|------------------|-------------------|----------------|----------------|------------------------------------|------------------------------------|----------------------|
| 5087.00        | 0                | 0                 | 0              | 0              | 0                                  | 0                                  | ← Pond bottom        |
| 5088.00        | 1                | 11,813.1          | 5,906.55       | 0.1356         | 0                                  | 0                                  |                      |
| 5089.00        | 2                | 14,392.2          | 19,009.19      | 0.4364         | 305                                | 0.680                              | ← First flush volume |
| 5090.00        | 3                | 17,984.4          | 35,197.50      | 0.8080         | 305                                | 0.680                              |                      |
| 5091.00        | 4                | 22,864.1          | 55,621.78      | 1.2769         | 305                                | 0.680                              |                      |
| 5092.00        | 5                | 28,502.2          | 84,804.93      | 1.9469         | 305                                | 0.680                              |                      |
| 5093.00        | 6                | 39,092.2          | 122,102.12     | 2.8031         | 305                                | 0.680                              |                      |
| 5094.00        | 7                | 43,876.2          | 163,585.34     | 3.7554         | 305                                | 0.680                              |                      |
| 5095.00        | 8                | 49,513.6          | 210,281.24     | 4.8274         | 305                                | 0.680                              |                      |
| 5095.25        | 8.25             | 50,997.8          | 222,845.16     | 5.1158         | 305                                | 0.680                              |                      |
| 5095.50        | 8.5              | 52,512.0          | 235,783.89     | 5.4129         | 305                                | 0.680                              | ← 10 day volume      |
| 5095.75        | 8.75             | 54,056.1          | 249,104.90     | 5.7187         | 305                                | 0.680                              |                      |
| 5096.00        | 9                | 56,282.1          | 263,179.09     | 6.0418         | 305                                | 0.680                              | ← Top of pond        |

Discharge  
Constant discharge from storm water lift station - Pump requirements: 305 gpm and 22 ft of static head.

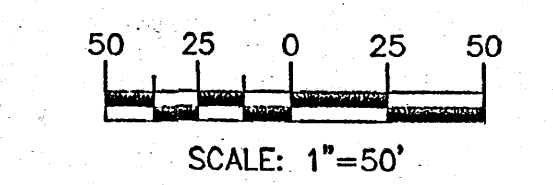
NOTE: THE ABOVE POND VOLUMES SHALL BE VERIFIED AS PART OF THE DRAINAGE CERTIFICATION AND WILL BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

PUMP INFORMATION  
MODEL: FLVGT NF3102.160  
SIZE: 5HP, 460 VAC, 3-PHASE, 60 HZ.  
DISCHARGE: 305 GAL/MIN (0.68 CFS)

CAUTION:

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GRAPHIC SCALE



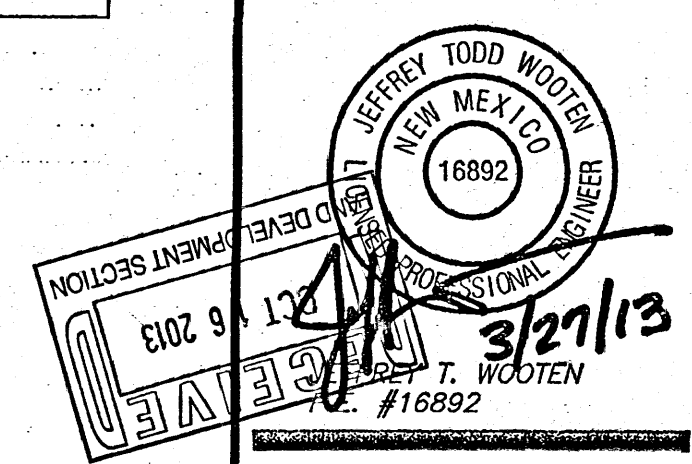
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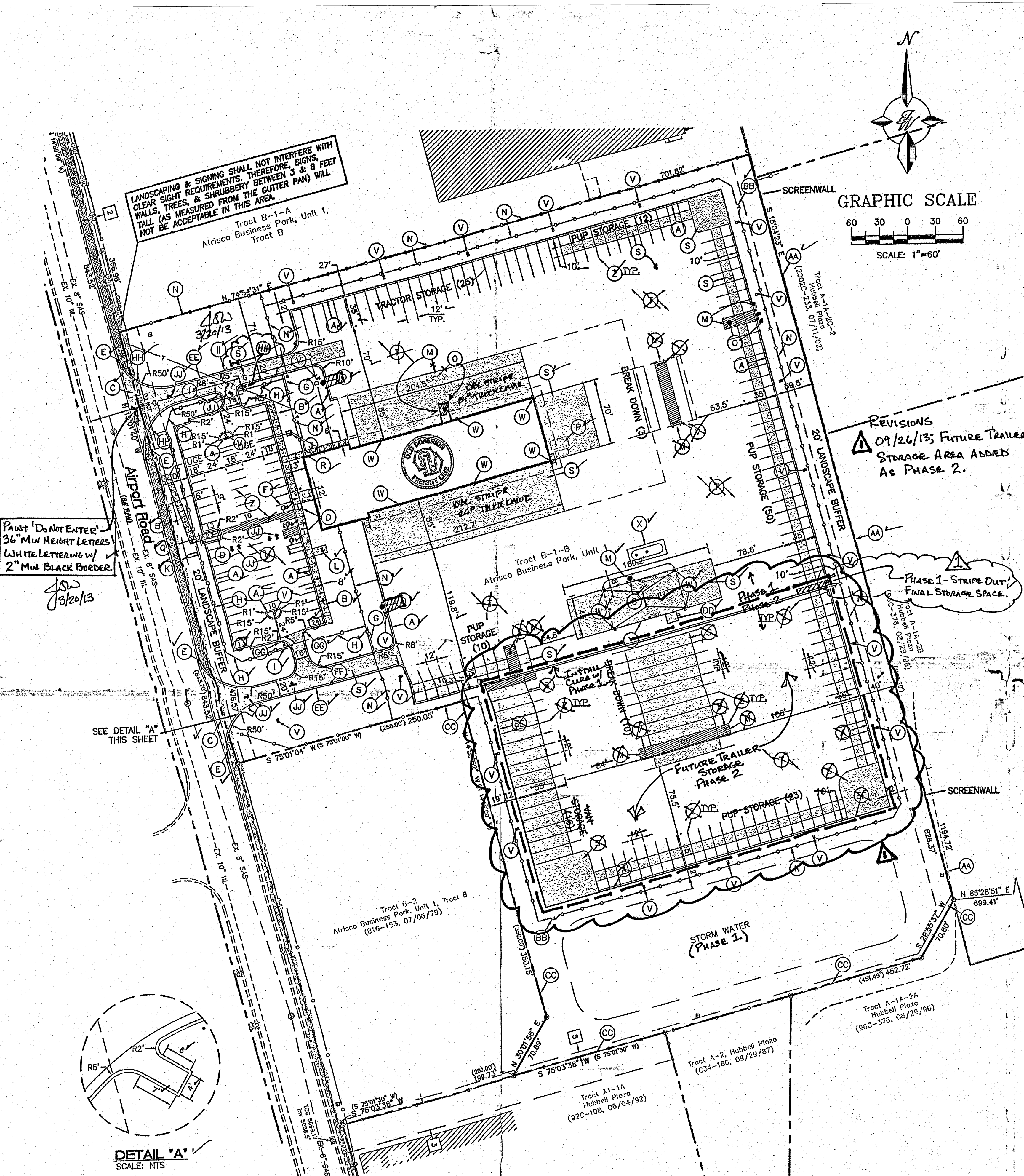
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Sheet Name:  
GRADING AND DRAINAGE PLAN

Sheet Number:  
C2

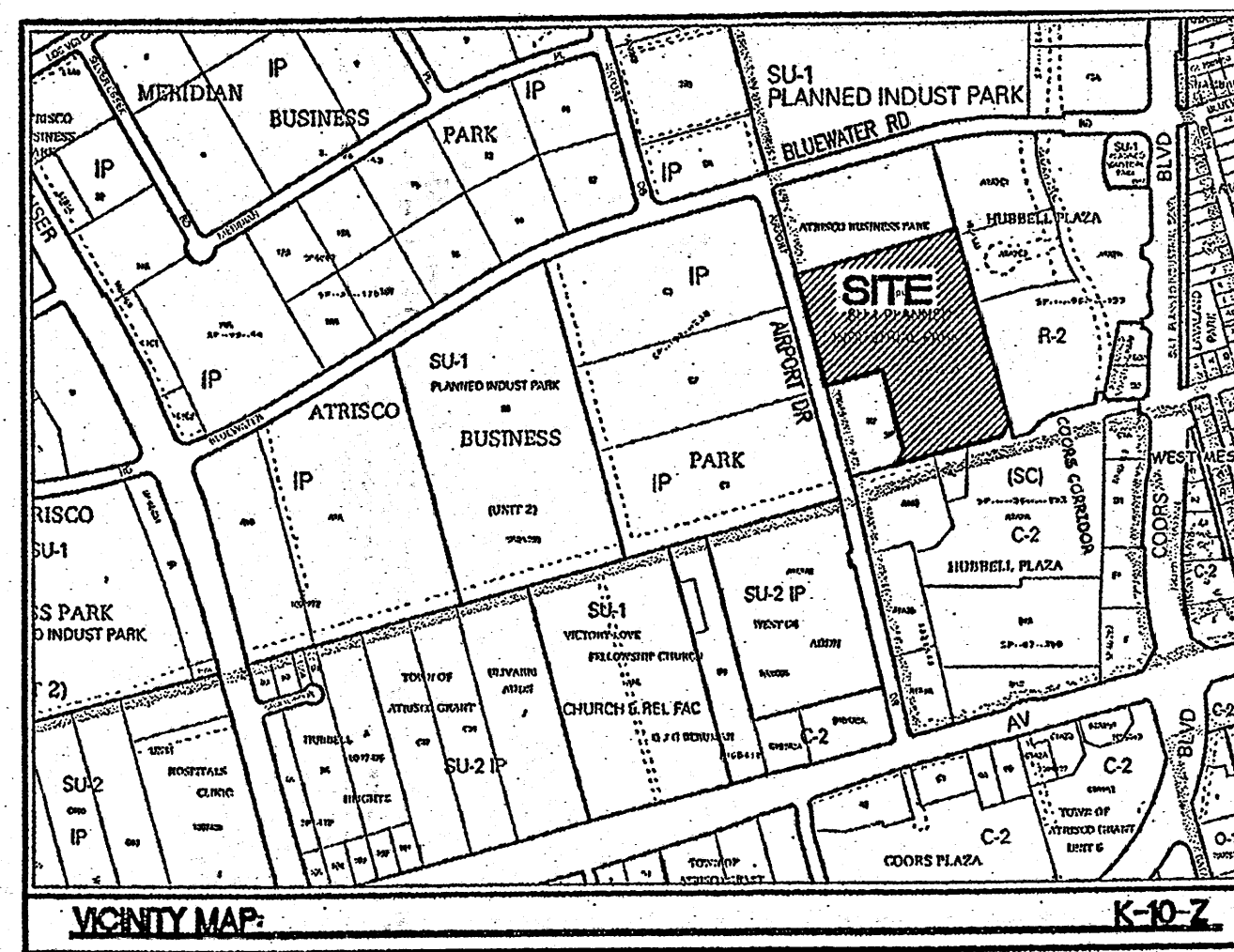




| SITE DATA                |                                   |
|--------------------------|-----------------------------------|
| ZONING                   | SU-1 FOR PLANNED INDUSTRIAL PARK  |
| SITE AREA                | 516,188 SF (11.85 AC)             |
| PROPOSED USAGE           | TRUCK TERMINAL                    |
| BUILDING AREA            | 3,818 SF                          |
| OFFICE DOCK              | 15,995 SF                         |
| DOCK TOTAL               | 19,813 SF                         |
| FUEL ISLAND              | 3,410 SF                          |
| OCCUPANCY:               | DOCK-S1<br>OFFICE-B               |
| CONSTRUCTION TYPE:       | 11-B, UNPROTECTED                 |
| PARKING REQUIRED         | 20 SPACES (1 SPACE PER 200 SF)    |
| OFFICE WAREHOUSE         | 8 SPACES (1 SPACE PER 2000 SF)    |
| HC PARKING REQUIRED      | 3 SPACES                          |
| HC PARKING PROVIDED      | 3 SPACES (1 VAN ACCESSIBLE)       |
| TOTAL PARKING PROVIDED   | 70 SPACES                         |
| MC PARKING REQUIRED      | 2 SPACES                          |
| MC PARKING PROVIDED      | 2 SPACES                          |
| BICYCLE PARKING PROVIDED | 5 SPACES                          |
| SETBACKS                 | FRONT 30'<br>SIDE 10'<br>REAR 10' |

| TRAILER STORAGE BREAKDOWN |          |          |
|---------------------------|----------|----------|
| TRACTORS                  | PH. 1-25 | TOTAL-25 |
| PUPS                      | PH. 1-54 | TOTAL-54 |
| VANS                      | PH. 1-8  | TOTAL-8  |
| BREAK DOWN                | PH. 1-3  | TOTAL-13 |

- KEYED NOTE:**
- ✓ A 6" MEDIAN CURB & GUTTER PER COA STD DWG #2415B
  - ✓ B 4" THICK CONCRETE SIDEWALK PER COA STD DWG #2430
  - ✓ C DRIVEWAY PER COA STD DWG #2426 (HEAVY DUTY CONCRETE PAVT)
  - ✓ D HC RAMP PER DETAIL ON SHEET C5
  - ✓ E ACCESSIBLE RAMP W/ TRUNCATED DOMES PER COA STD DWG #2426
  - ✓ F ACCESSIBLE PARKING PER ADA STANDARDS, DETAILS ON C4 & C5
  - ✓ G CHAIN LINK FENCE W/SLIDING VEHICLE GATE, SEE ARCHITECTURAL & MEP PLANS
  - ✓ H TUBULAR STEEL FENCE PER DETAIL ON C4
  - ✓ I TUBULAR STEEL FENCE VEHICULAR GATE, FENCE PER DETAIL ON C4, HARDWARE PER ARCH DETAILS
  - ✓ J TRANSFORMER, REF MEP PLANS, COORDINATE W/ PNM
  - ✓ K MONUMENT SIGN PER ARCH DETAILS
  - ✓ L BIKERACK PER DETAIL C4
  - ✓ M 8" BOLLARDS (4 IN EACH LOCATION TYP.) PER ARCH DETAILS
  - ✓ N 8' CHAIN LINK FENCE WITH 3 STRAND BARBED WIRE PER ARCH DETAILS
  - ✓ O FIRE HYDRANT, SEE SHEET C3
  - ✓ P 30 CY TRASH CONTAINER (SCREENED FROM PUBLIC VIEW BEHIND BLDG)
  - ✓ Q TUBULAR STEEL MAN GATE, FENCE PER DETAIL ON C4, HARDWARE PER ARCH DETAILS
  - ✓ R CHAIN LINK/BARBED WIRE MAN GATE PER ARCH DETAILS
  - ✓ S HEAVY DUTY CONCRETE PAVEMENT PER DETAIL SHEET C4
  - ✓ T HEAVY DUTY ASPHALT PAVEMENT PER DETAIL SHEET C4
  - ✓ U STANDARD DUTY ASPHALT PAVEMENT PER DETAIL SHEET C4
  - ✓ V LIGHT POLE, SEE MEP PLANS, APPROXIMATE LOCATION
  - ✓ W CANOPY MOUNTED LIGHTS, SEE ARCH/MEP PLANS, APPROXIMATE LOCATION
  - ✓ X APPROXIMATE LOCATION UNDERGROUND FUEL TANKS
  - ✓ Y FUEL CANOPY PER ARCHITECTURAL PLANS
  - ✓ Z 4" WIDE PAINTED STRIPING (2 COATS)
  - ✓ AA 8' HIGH CMU SCREEN WALL PER DETAIL SHEET C4
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**LEGAL DESCRIPTION:**  
TRACT "B-1-B" OF ATRISCO BUSINESS PARK, UNIT ONE, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON 02/04/13, AS DOCUMENT NO. 2013012914.

| LEGEND |                                            |
|--------|--------------------------------------------|
|        | CURB & GUTTER                              |
|        | BOUNDARY LINE                              |
|        | EASEMENT                                   |
|        | CENTERLINE                                 |
|        | BUILDING                                   |
|        | SIDEWALK                                   |
|        | SCREEN WALL (EAST PROPERTY LINE)           |
|        | STRIPING                                   |
|        | EXISTING CURB & GUTTER                     |
|        | EXISTING BOUNDARY LINE                     |
|        | EXISTING SIDEWALK                          |
|        | TUBULAR STEEL FENCE                        |
|        | CHAIN LINK FENCE WITH 3 STRAND BARBED WIRE |
|        | HEAVY DUTY CONCRETE                        |

**PROJECT NUMBER:** 1009544  
**APPLICATION NUMBER:** 13 DRB-70458

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated [ ] and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? ( ) Yes ( ) No If Yes, then a set of approved DRG plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

**DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:**

|                                               |          |
|-----------------------------------------------|----------|
| Traffic Engineer, Transportation Division     | 03/20/13 |
| Water Utility Development                     | 03/20/13 |
| Parks & Recreation Department                 | 3-20-13  |
| City Engineer                                 | 3-20-13  |
| Environmental Health Department (conditional) | Date     |
| Solid Waste Management                        | 3-20-13  |
| DRB Chairperson, Planning Department          | 3-20-13  |

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| Solid Waste Management                        | 3-20-13  |
| DRB Chairperson, Planning Department          | 3-20-13  |

| INDEX TO DRAWINGS |                               |
|-------------------|-------------------------------|
| C1.               | SITE PLAN FOR BUILDING PERMIT |
| C2.               | GRADING AND DRAINAGE PLAN     |
| C3.               | MASTER UTILITY PLAN           |
| C4.               | DETAIL SHEET                  |
| C5.               | DETAIL SHEET                  |
| C6.               | DEMOLITION PLAN               |
| A2.4              | BUILDING ELEVATIONS           |
| A3.1              | BUILDING ELEVATIONS           |
| LS-3.             | LANDSCAPING PLAN              |

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**OLD DOMINION FREIGHT LINE**  
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**JEFFREY TODD WOOTEN**  
NEW MEXICO  
16892  
P.E. #16892

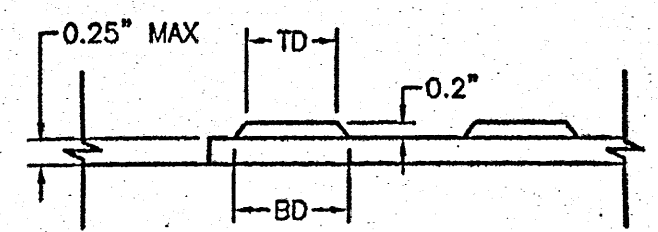
**ODFL Albuquerque, NM - ALB**  
Project No. 12071.00

Sheet Name:  
**SITE PLAN FOR BUILDING PERMIT**

Sheet Number:  
**1**

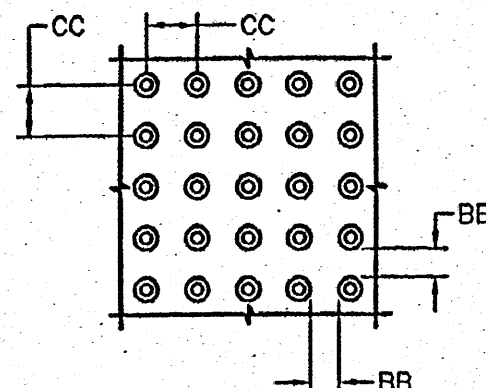
**DOCEVED**  
2013  
LAND DEVELOPMENT SECTION

- Easement Notes**
- EXISTING 7' P.U.E. (B16-153, 07/06/79)
  - EXISTING 30' ACCESS, UTILITY & PUBLIC DRAINAGE EASEMENT (C34-166, 09/29/87)
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- NOTES**
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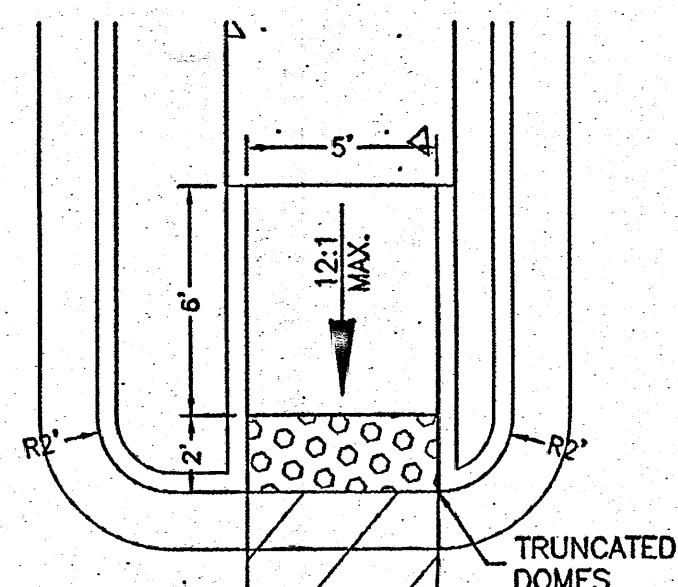
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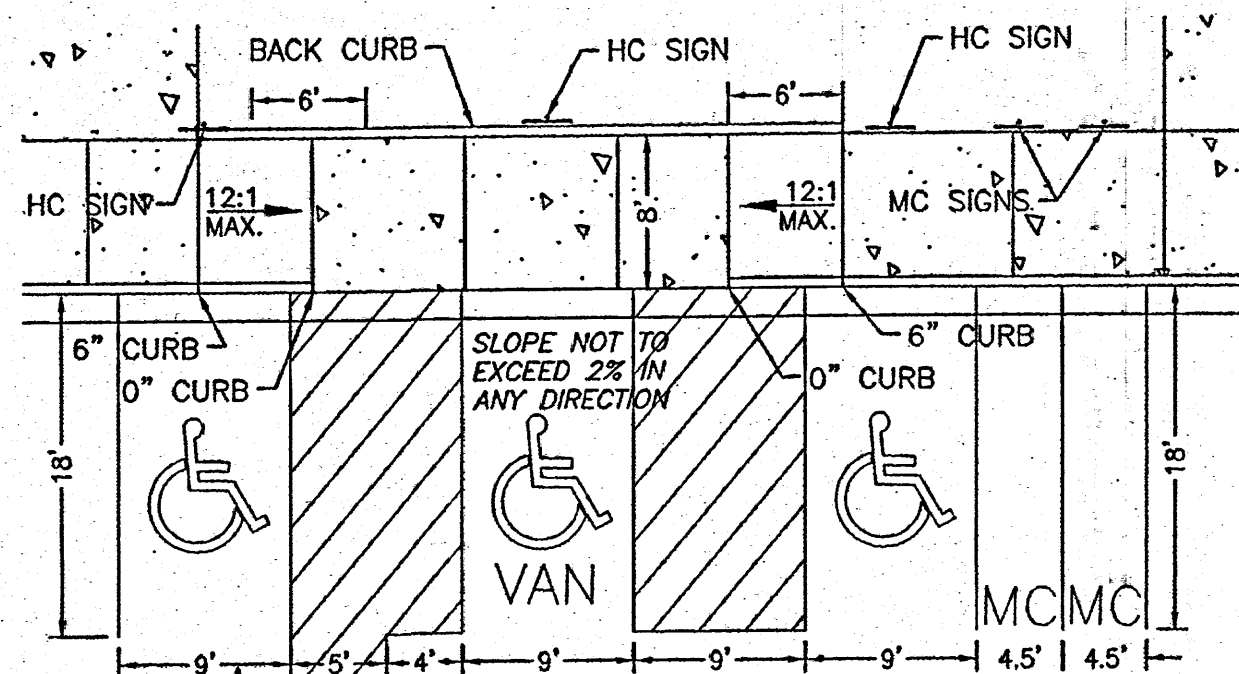
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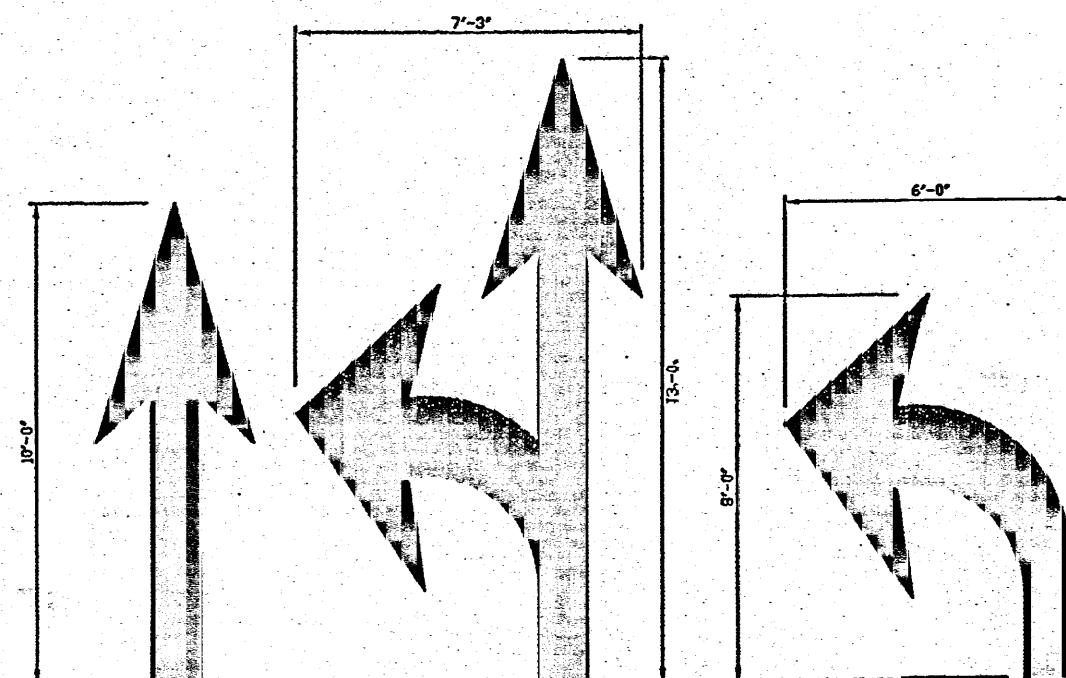
### ADA RAMP 'A'

SCALE: NTS



### HC PARKING - MAIN BLDG. ENTRANCE

SCALE: NTS



### SOLID ARROW MARKINGS

USED AT EXITS FROM THE PARKING LOT TO PUBLIC STREETS

### PAVEMENT MARKINGS

N.T.S.

### NOTES:

- WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
- THESE WORDS AND ARROWS ARE TO BE PAINTED RETROREFLECTIVE WHITE.

### FOR REFERENCE ONLY

### GENERAL NOTE:

- INTERIOR COATED TIE-MEC #61 EPOXY.

THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH ST-P3 SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.

MANHOLE PLATE FLANGES 1/4\"/>

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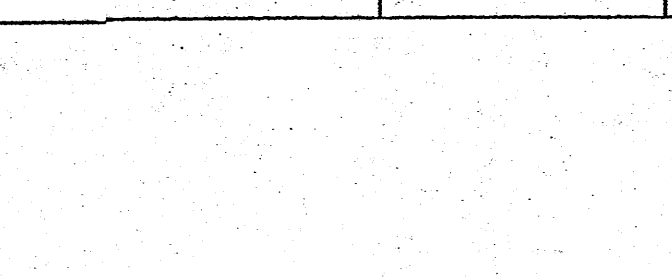
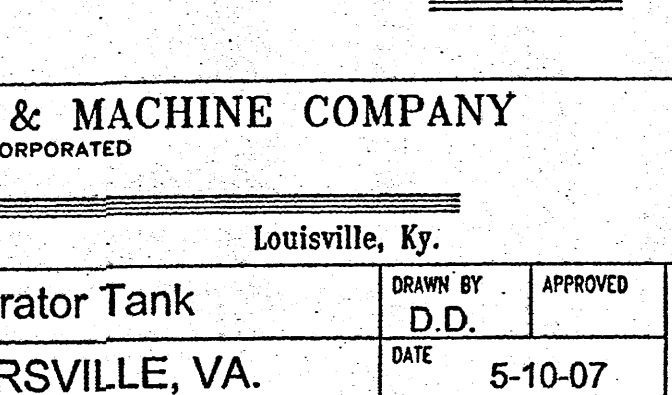
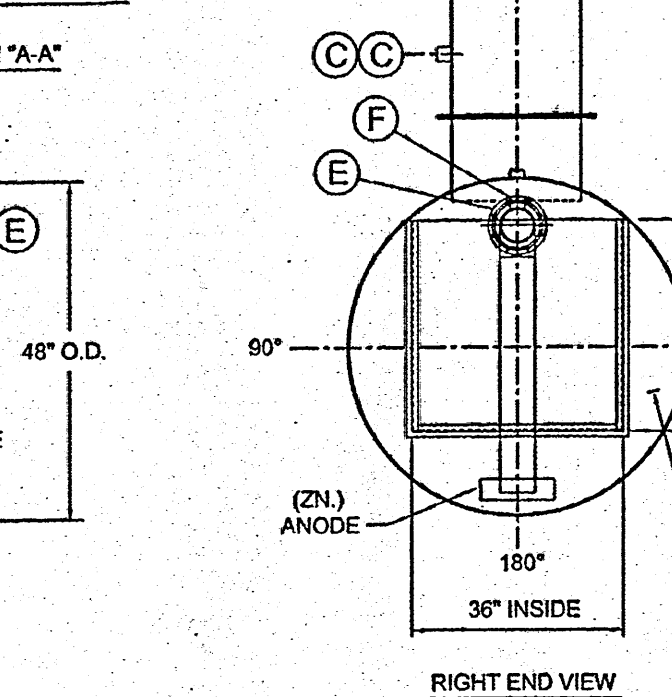
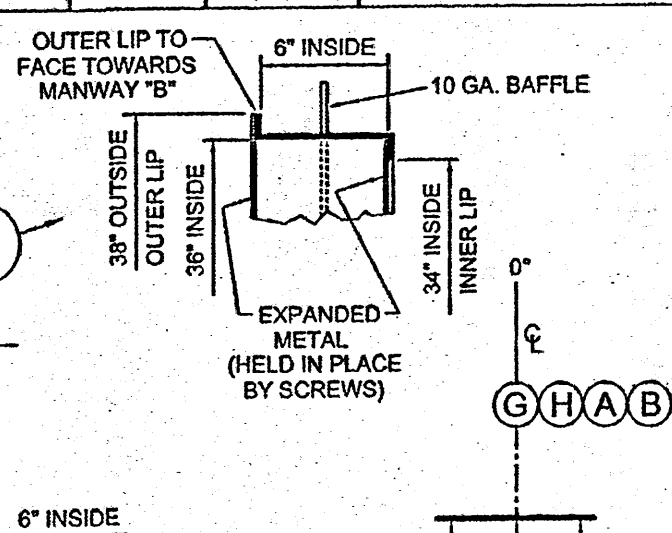
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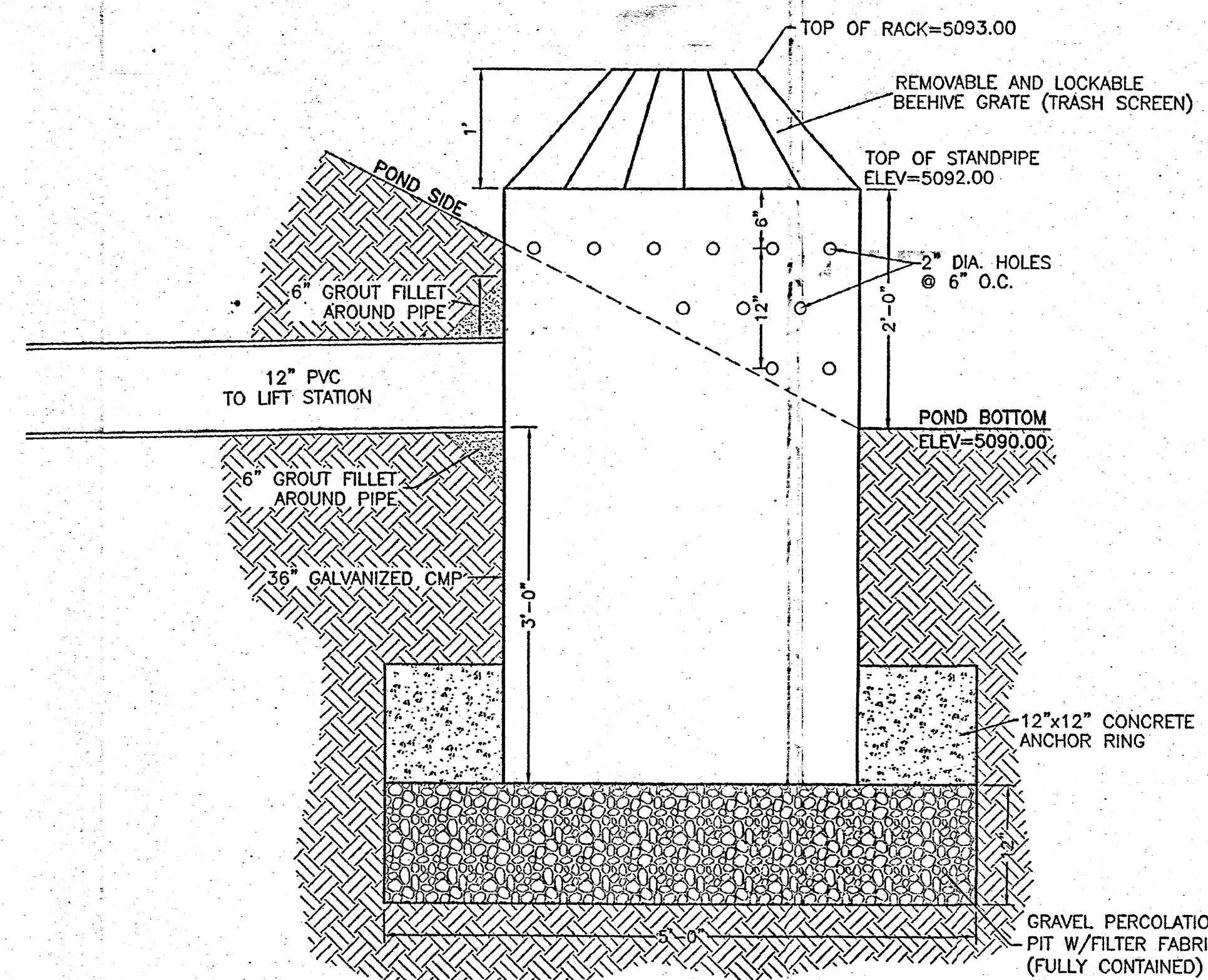
1/4\"/>

1/4\"/>

| NOZZLE SCHEDULE |      |      |           |           |       |          |           |                    |          |                               |        |         |                   |
|-----------------|------|------|-----------|-----------|-------|----------|-----------|--------------------|----------|-------------------------------|--------|---------|-------------------|
| ITEM            | QTY. | SIZE | RATING    | TYPE      | MATL. | PROJ. IN | PROJ. OUT | NOZZLE DESCRIPTION |          | WELD LEG DIM. (NOZ. TO SHELL) |        | REMARKS | NOTES             |
|                 |      |      |           |           |       |          |           | WEIGHT             | WALL SZ. | SIZE O.D.                     | INWARD | OUTWARD |                   |
| A               | 1    | 2"   | PRESSED   | MANWAY    | C.S.  | 0"       | AS SHOWN  |                    |          |                               |        |         | VENT              |
| B               | 1    | 2"   | PRESSED   | MANWAY    | C.S.  | 1/4"     | AS SHOWN  |                    |          |                               |        |         | SLUDGE REMOVAL    |
| C               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHOWN  |                    |          |                               |        |         | VENT              |
| D               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHOWN  |                    |          |                               |        |         | INLET             |
| E               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHOWN  |                    |          |                               |        |         | OUTLET            |
| F               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHOWN  |                    |          |                               |        |         | VENT              |
| G               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHOWN  |                    |          |                               |        |         | OIL LEVEL CONTROL |
| H               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHOWN  |                    |          |                               |        |         | OIL PUMP OUT      |

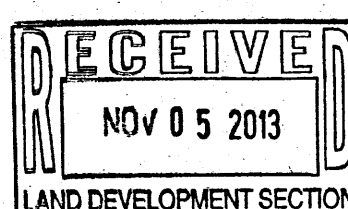


FOR REFERENCE ONLY



### OUTLET STRUCTURE DETAIL

NTS



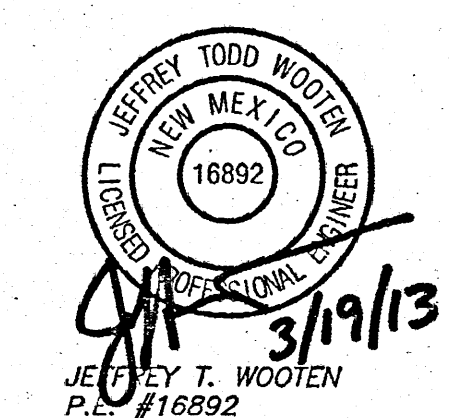
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A NEW TERMINAL FOR:  
**OLD DOMINION FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Final Permit Set: 03-01-13



ODFL Albuquerque, NM - ALB

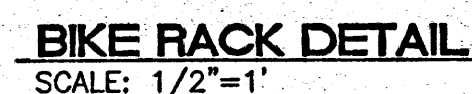
Project No. 12071.00

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Sheet Name:  
DETAILS

Sheet Number:

C5

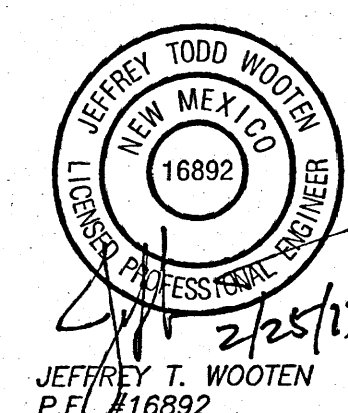


1. ALL CONCRETE IS TO BE 3000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE  $\pm 2.0\%$ .
3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
6. DOWELS SHALL BE AT LEAST EQUAL LENGTH AND SPACING TO 10" BARS. SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. INSTALL EXPANSION JOINTS ON 20' CENTERS.



**A NEW TERMINAL FOR:  
OLD DOMINION  
FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Issue for Permit:      xx-xx-xx



ODFL Albuquerque, NM - ALB

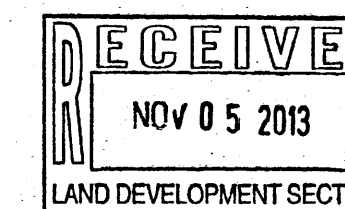
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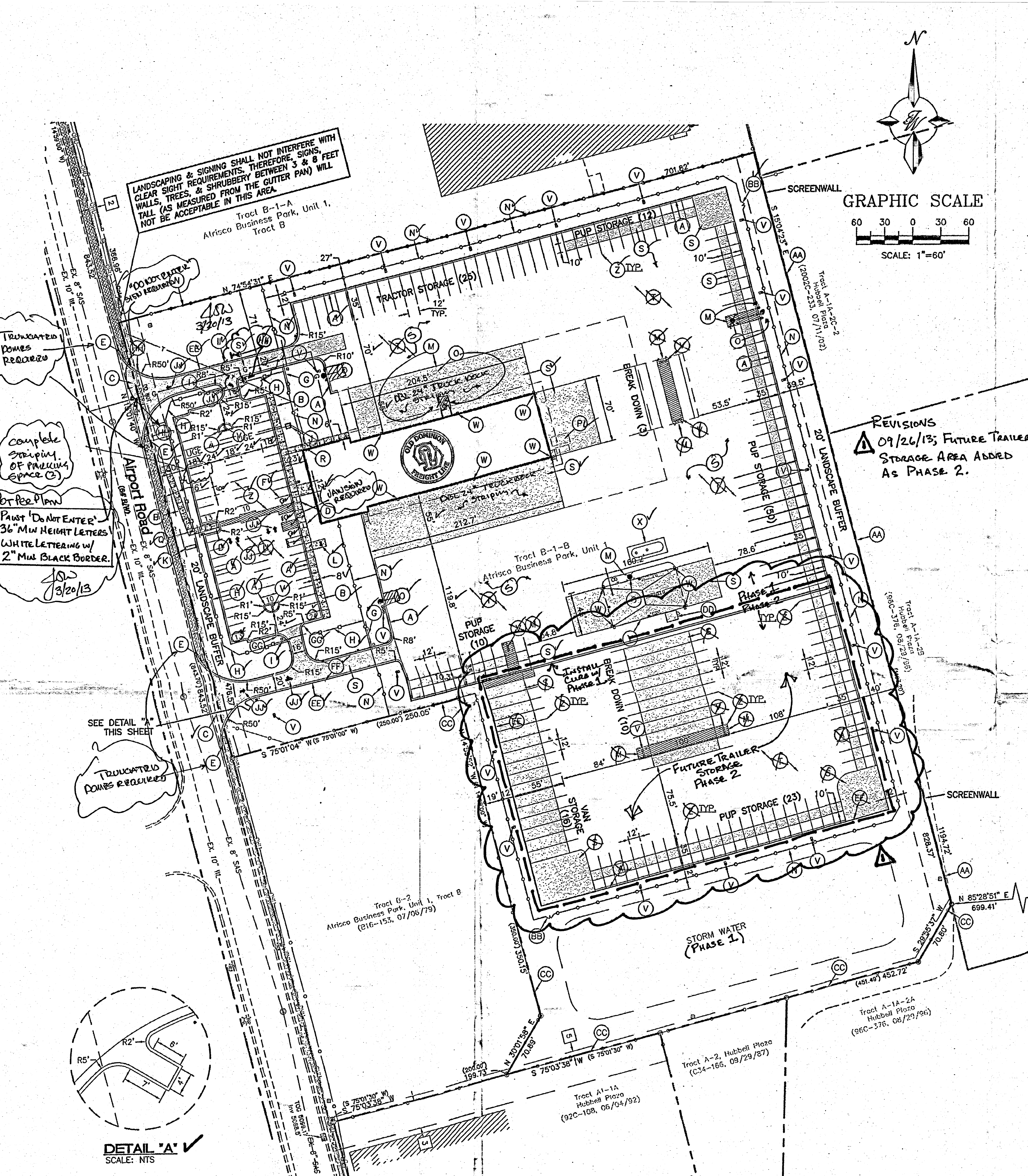
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Sheet Name:  
**DETAILS**

Sheet Number:

C4





# SITE DATA

|                          |                                  |
|--------------------------|----------------------------------|
| ZONING                   | SU-1 FOR PLANNED INDUSTRIAL PARK |
| SITE AREA                | 516,188 SF (11.85 AC)            |
| PROPOSED USAGE           | TRUCK TERMINAL                   |
| BUILDING AREA            | 3,818 SF                         |
| OFFICE                   | 15,995 SF                        |
| DOCK                     | 19,813 SF                        |
| TOTAL                    |                                  |
| FUEL ISLAND              | 3,410 SF                         |
| OCCUPANCY:               | DOCK-S1                          |
|                          | OFFICE-B                         |
| CONSTRUCTION TYPE:       | 11-B, UNPROTECTED                |
| PARKING REQUIRED         | 20 SPACES (1 SPACE PER 200 SF)   |
| OFFICE                   | 8 SPACES (1 SPACE PER 2000 SF)   |
| WAREHOUSE                |                                  |
| HC PARKING REQUIRED      | 3 SPACES                         |
| HC PARKING PROVIDED      | 3 SPACES (1 VAN ACCESSIBLE)      |
| TOTAL PARKING PROVIDED   | 70 SPACES                        |
| MC PARKING REQUIRED      | 2 SPACES                         |
| MC PARKING PROVIDED      | 2 SPACES                         |
| BICYCLE PARKING PROVIDED | 5 SPACES                         |
| SETBACKS                 |                                  |
| FRONT                    | 30'                              |
| SIDE                     | 10'                              |
| REAR                     | 10'                              |

## TRAILER STORAGE BREAKDOWN

|            |    |
|------------|----|
| TRACTORS   | 25 |
| PUPS       | 95 |
| VANS       | 16 |
| BREAK DOWN | 13 |

## KEYED NOTE

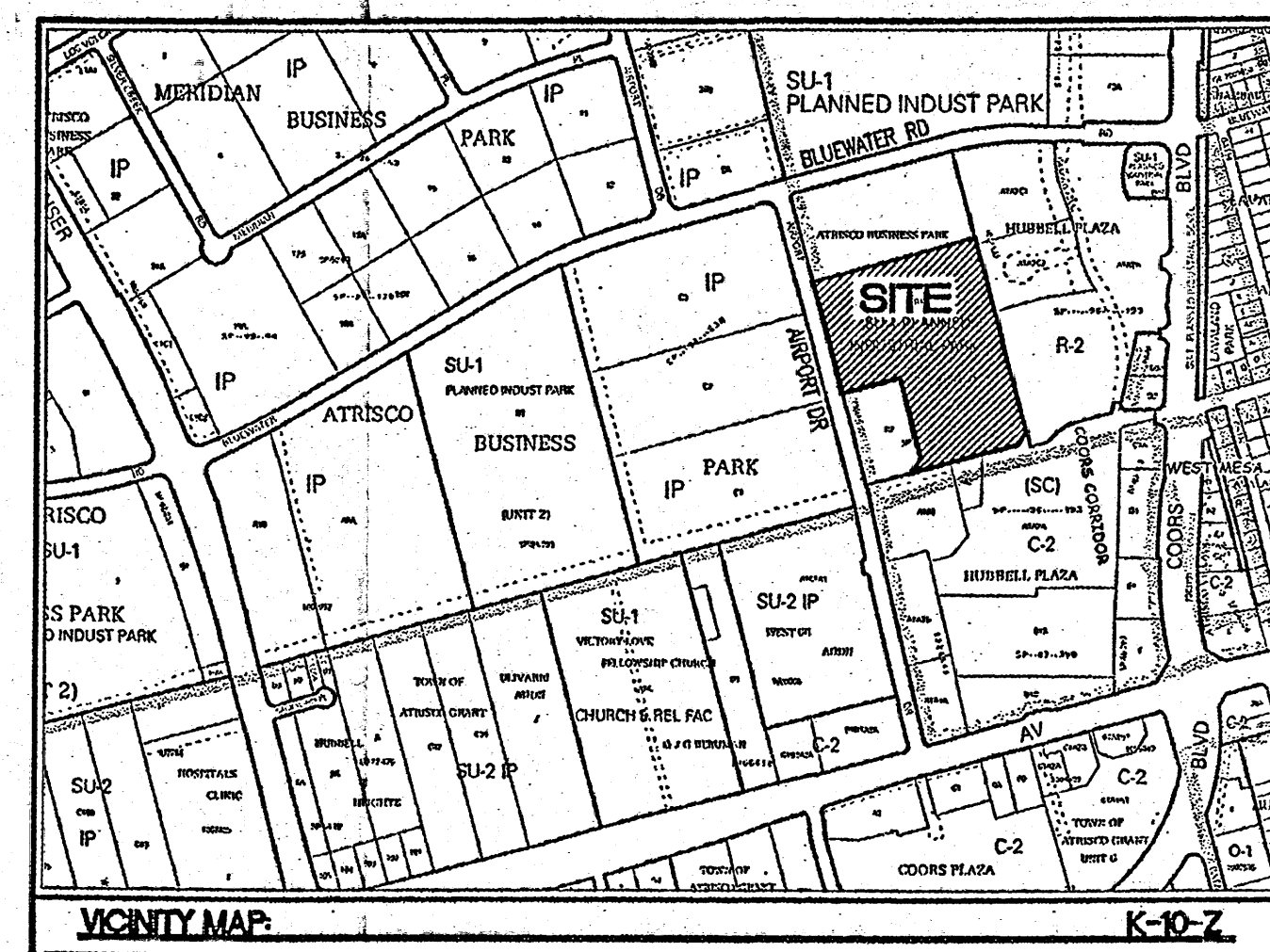
- ✓ (A) 6" MEDIAN CURB & GUTTER PER COA STD DWG #2415B
- ✓ (B) 4" THICK CONCRETE SIDEWALK PER COA STD DWG #2430
- ✓ (C) DRIVEWAY PER COA STD DWG #2426 (HEAVY DUTY CONCRETE PVMT)
- ✓ (D) HC RAMP PER DETAIL ON SHEET C5
- ✓ (E) ACCESSIBLE RAMP W/ TRUNCATED DOMES PER COA STD DWG #2426
- ✓ (F) ACCESSIBLE PARKING PER ADA STANDARDS, DETAILS ON C4 & C5 ADD UNPAVED SIGN
- ✓ (G) CHAIN LINK FENCE W/ SLIDING VEHICLE GATE, SEE ARCHITECTURAL & MEP PLANS
- ✓ (H) TUBULAR STEEL FENCE PER DETAIL ON C4
- ✓ (I) TUBULAR STEEL FENCE VEHICULAR GATE, FENCE PER DETAIL ON C4, HARDWARE PER ARCH DETAILS
- ✓ (J) TRANSFORMER, REF MEP PLANS. COORDINATE W/ PNM.
- ✓ (K) MONUMENT SIGN PER ARCH DETAILS
- ✓ (L) BIKERACK PER DETAIL C4
- ✓ (M) 8" BOLLARDS (4 IN EACH LOCATION TYP.) PER ARCH DETAILS.
- ✓ (N) 8" CHAIN LINK FENCE WITH 3 STRAND BARBED WIRE PER ARCH DETAILS.
- ✓ (O) FIRE HYDRANT, SEE SHEET C3.
- ✓ (P) 30 CY TRASH CONTAINER (SCREENED FROM PUBLIC VIEW BEHIND BLDG)
- ✓ (Q) TUBULAR STEEL MAN GATE. FENCE PER DETAIL ON C4, HARDWARE PER ARCH DETAILS.
- ✓ (R) CHAIN LINK/BARBED WIRE MAN GATE PER ARCH DETAILS.
- ✓ (S) HEAVY DUTY CONCRETE PAVEMENT PER DETAIL SHEET C4.
- ✓ (X) HEAVY DUTY ASPHALT PAVEMENT PER DETAIL SHEET C4.
- ✓ (Z) STANDARD DUTY ASPHALT PAVEMENT PER DETAIL SHEET C4.
- ✓ (V) LIGHT POLE, SEE MEP PLANS.
- ✓ (W) CANOPY MOUNTED LIGHTS, SEE ARCH/MEP PLANS.
- ✓ (X) APPROXIMATE LOCATION UNDERGROUND FUEL TANKS.
- ✓ (Y) FUEL CANOPY PER ARCHITECTURAL PLANS.
- ✓ (Z) 4" WIDE PAINTED STRIPING (2 COATS)
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- ✓ (FF) "TRUCKS ONLY" SIGN
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- ✓ (HH) "DO NOT ENTER" SIGN (MISSING AT U ENTRANCE)
- ✓ (II) "ONE WAY" SIGN
- ✓ (JJ) PAINTED DIRECTIONAL ARROWS PER DETAIL SHEET C5.

## NOTES

1. LIGHT FIXTURES SHALL BE A MAXIMUM OF 30' (20' MAXIMUM HEIGHT WITHIN 100' OF EAST PROPERTY LINE) WITH FULL CUT OFF SHIELDS ON FIXTURES SO THAT NO FUGITIVE LIGHT SHALL ESCAPE BEYOND THE PROPERTY LINE. THE LIGHT FIXTURES SHALL BE FULLY SHIELDED WITH HORIZONTAL LAMPS.
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## LEGEND

|  |                                            |
|--|--------------------------------------------|
|  | CURB & GUTTER                              |
|  | BOUNDARY LINE                              |
|  | EASEMENT                                   |
|  | CENTERLINE                                 |
|  | BUILDING                                   |
|  | SIDEWALK                                   |
|  | SCREEN WALL (EAST PROPERTY LINE)           |
|  | STRIPING                                   |
|  | EXISTING CURB & GUTTER                     |
|  | EXISTING BOUNDARY LINE                     |
|  | EXISTING SIDEWALK                          |
|  | TUBULAR STEEL FENCE                        |
|  | CHAIN LINK FENCE WITH 3 STRAND BARBED WIRE |
|  | HEAVY DUTY CONCRETE                        |
|  | SITE VISIBILITY AREA                       |

PROJECT NUMBER: 1009544

APPLICATION NUMBER: 13 DRB-70458

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|                                                 |          |
|-------------------------------------------------|----------|
|                                                 | 03/20/13 |
| Traffic Engineer, Transportation Division       | Date     |
|                                                 | 03/20/13 |
| Water Utility Development                       | Date     |
|                                                 | 3-20-13  |
| Parks & Recreation Department                   | Date     |
|                                                 | 3-20-13  |
| City Engineer                                   | Date     |
| * Environmental Health Department (conditional) | Date     |
|                                                 | 3-20-13  |
| Solid Waste Management                          | Date     |
|                                                 | 3-20-13  |
| DRB Chairperson, Planning Department            | Date     |

\* Environmental Health, if necessary

## INDEX TO DRAWINGS

- C1. SITE PLAN FOR BUILDING PERMIT
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- C4. DETAIL SHEET
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TERRA WEST, LLC

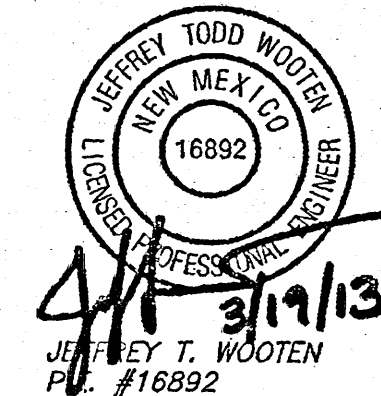
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ODFL Albuquerque, NM - ALB

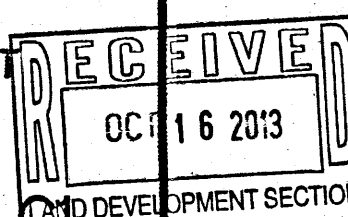
Project No. 12071.00

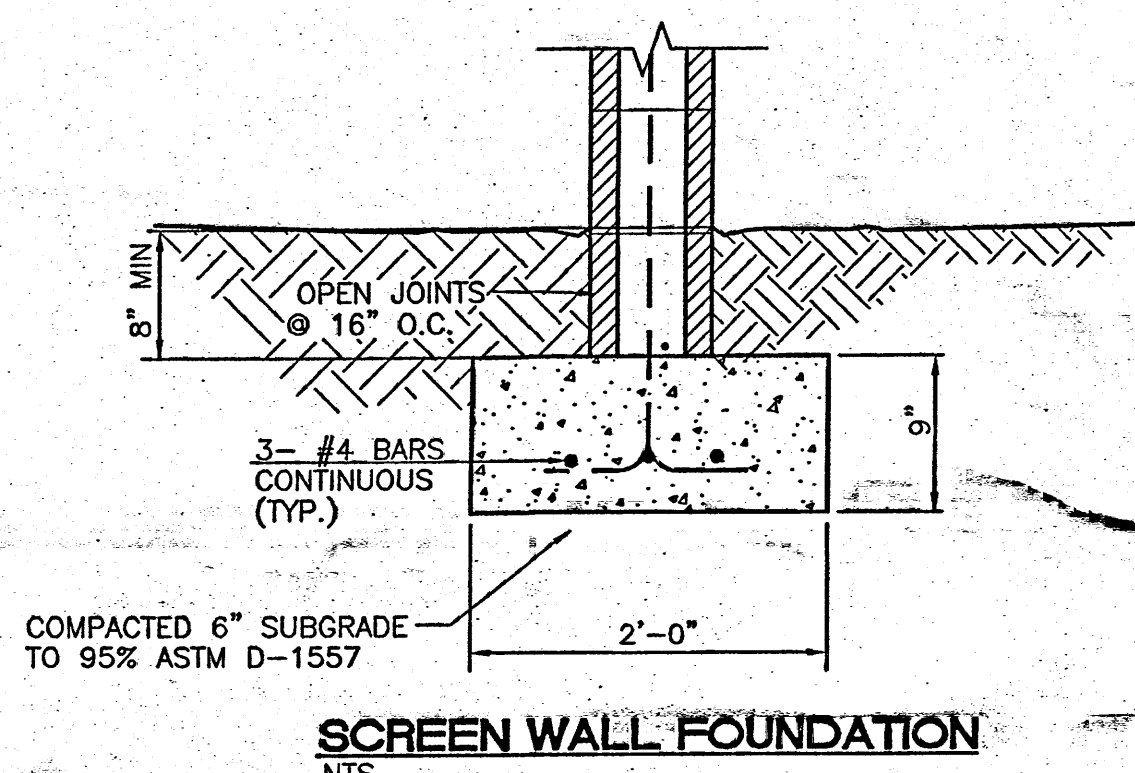
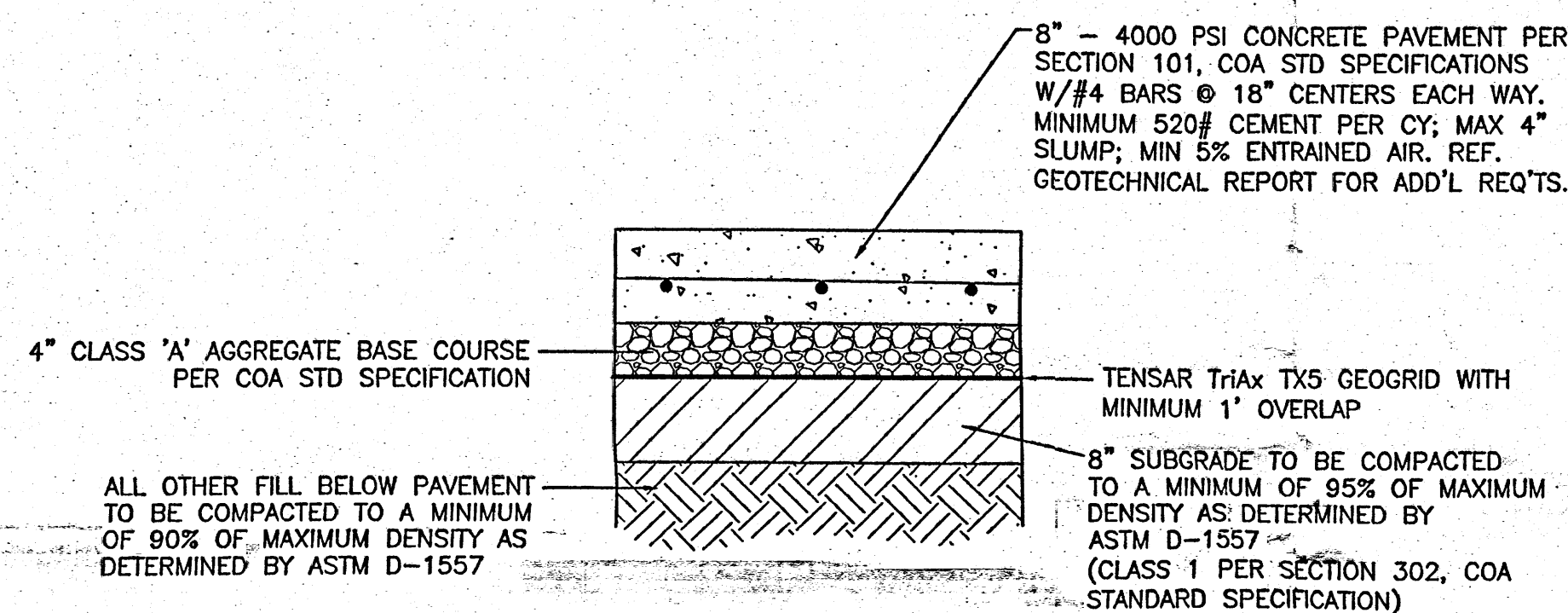
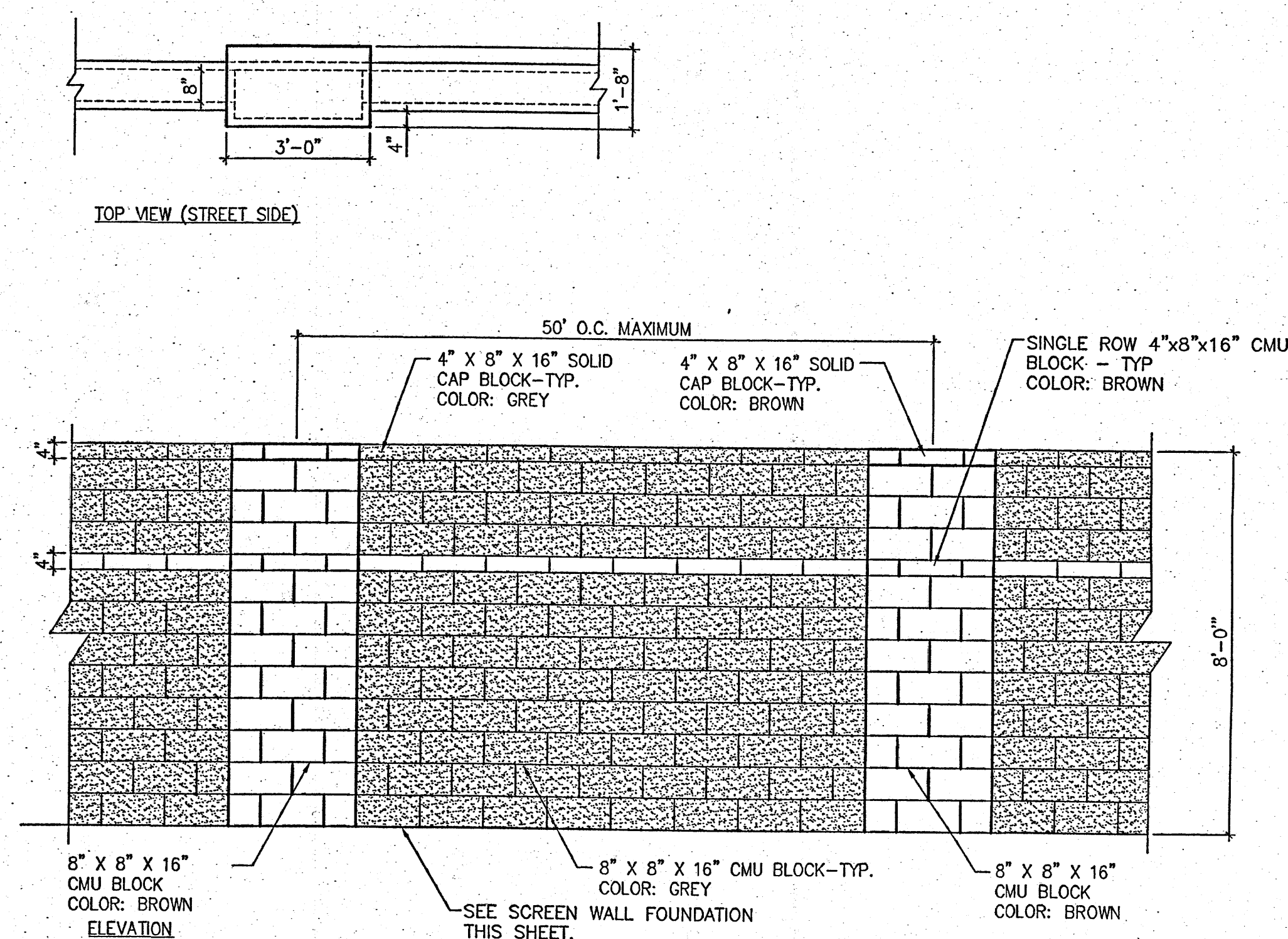
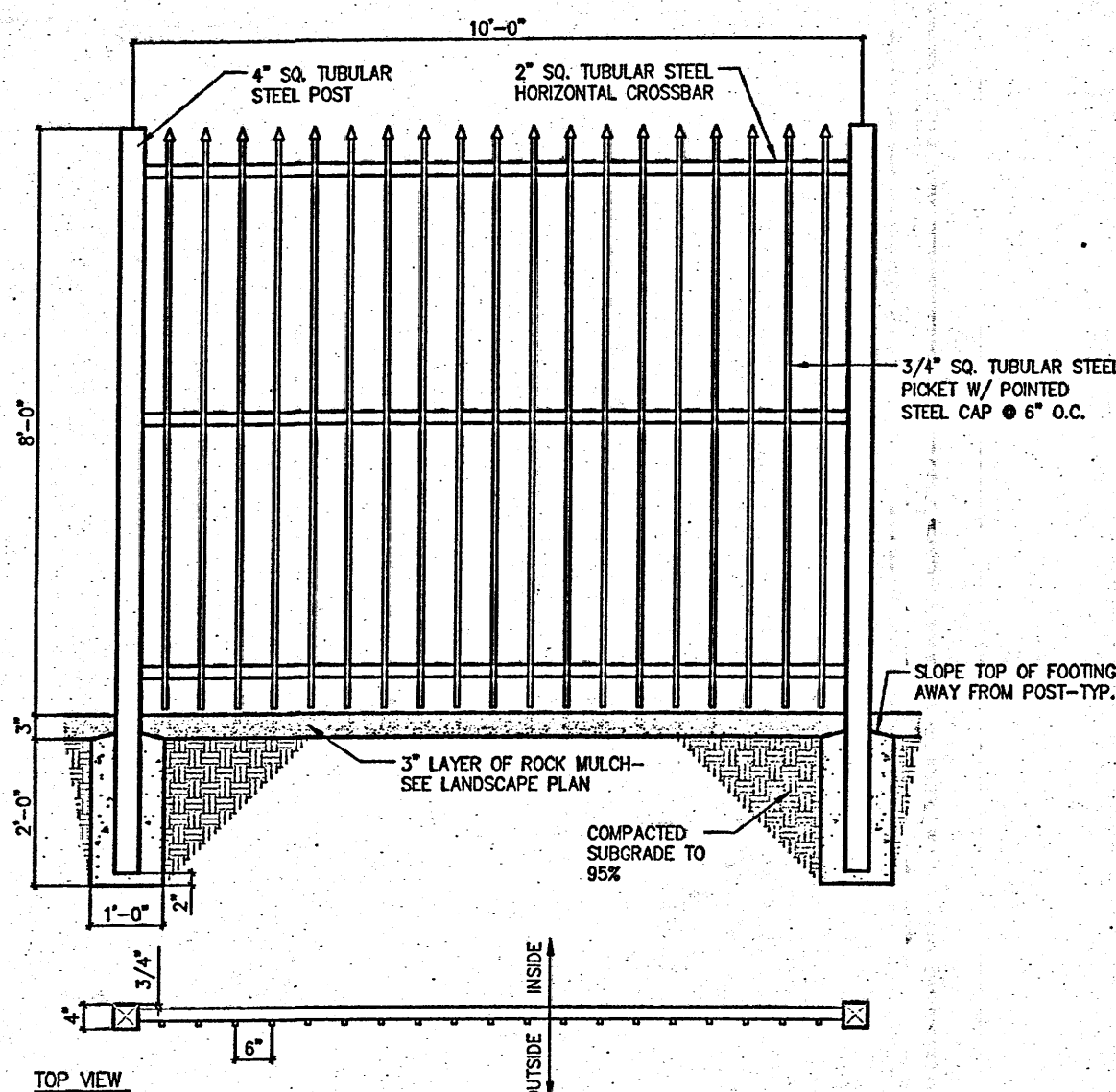
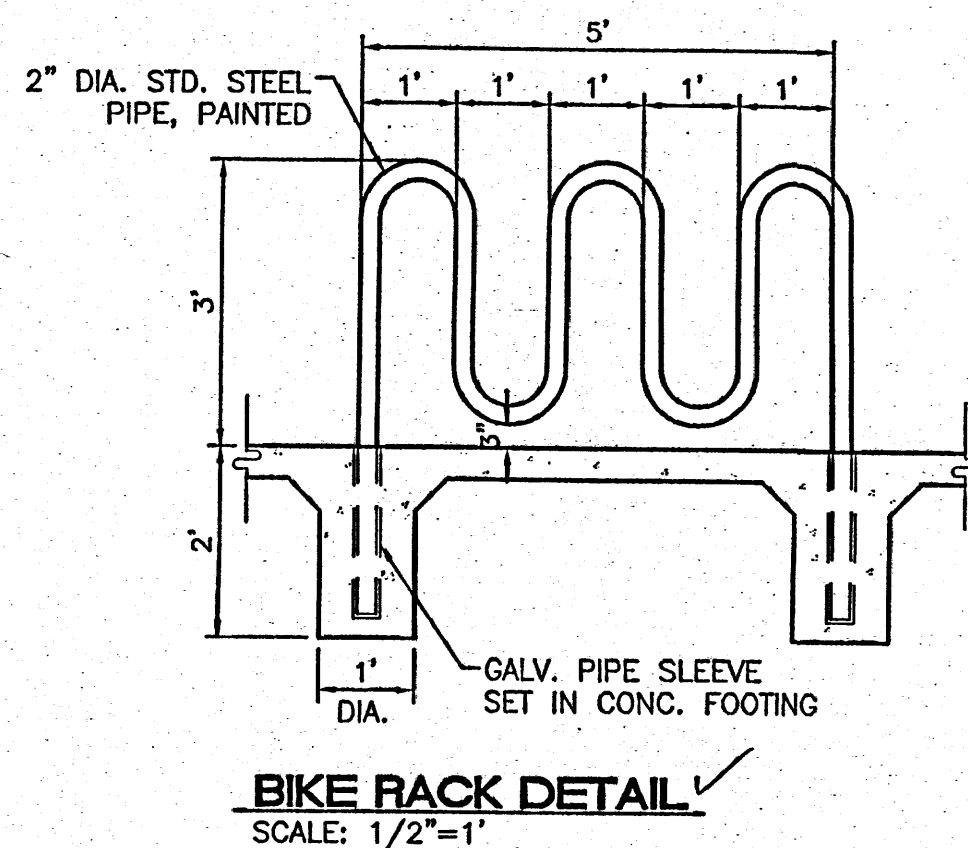
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Sheet Name:

SITE PLAN FOR  
BUILDING PERMIT

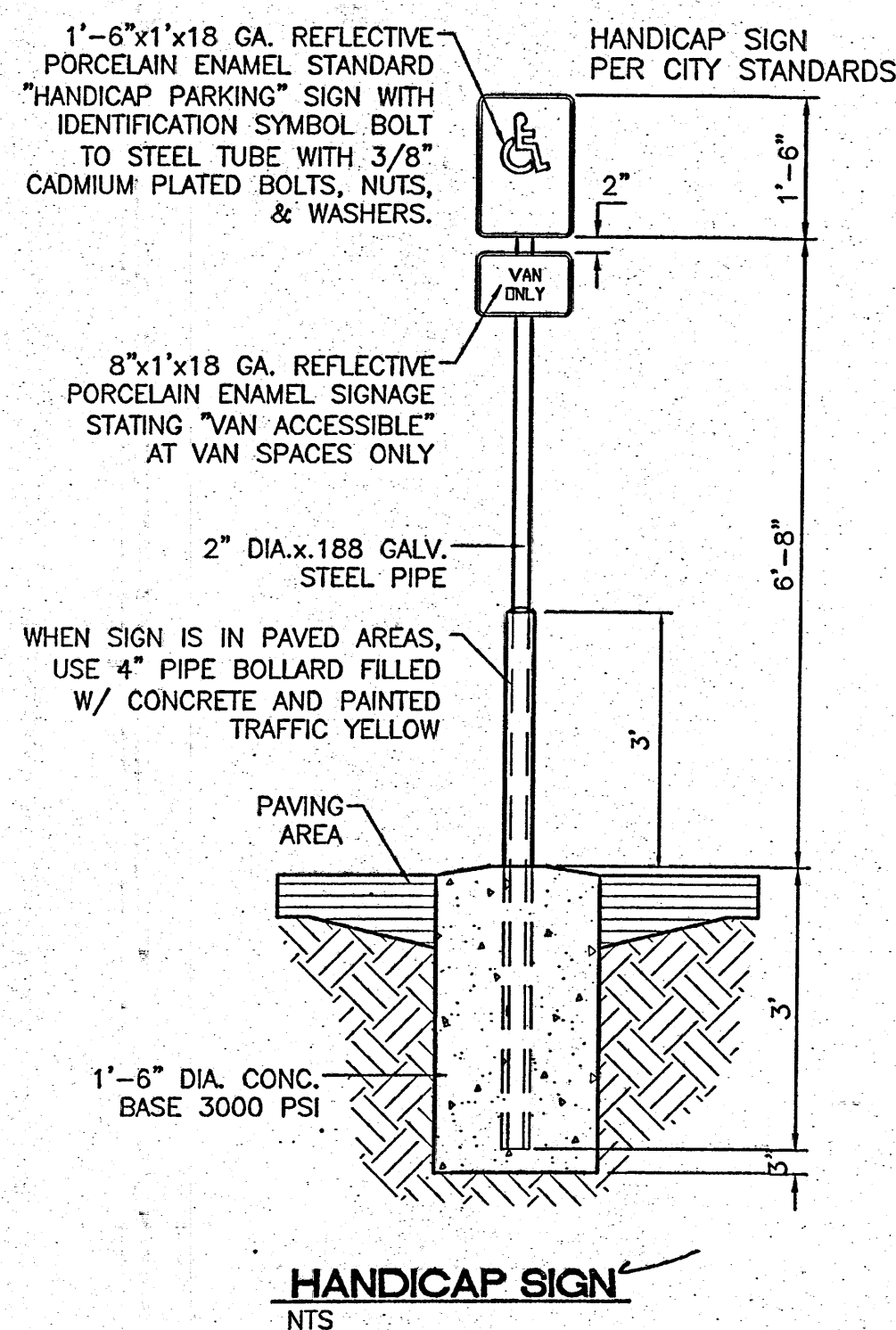
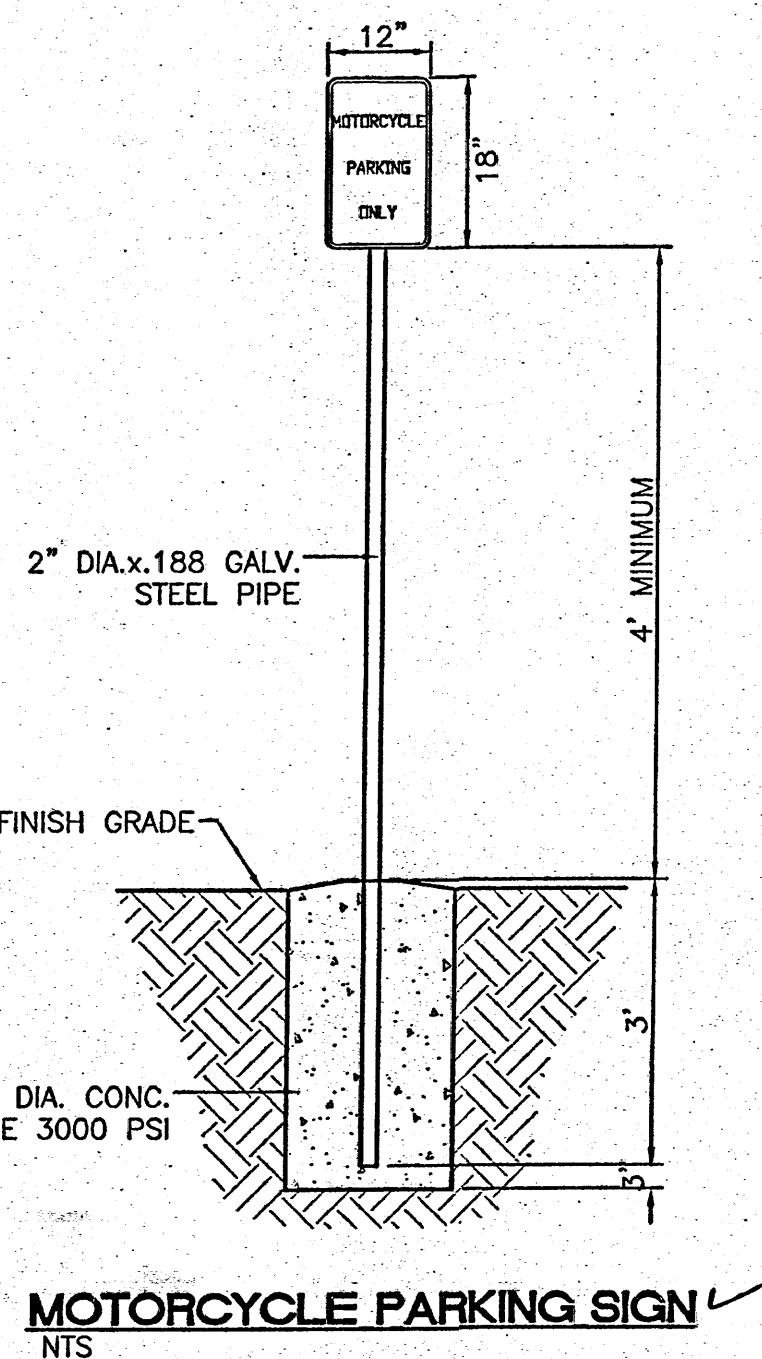
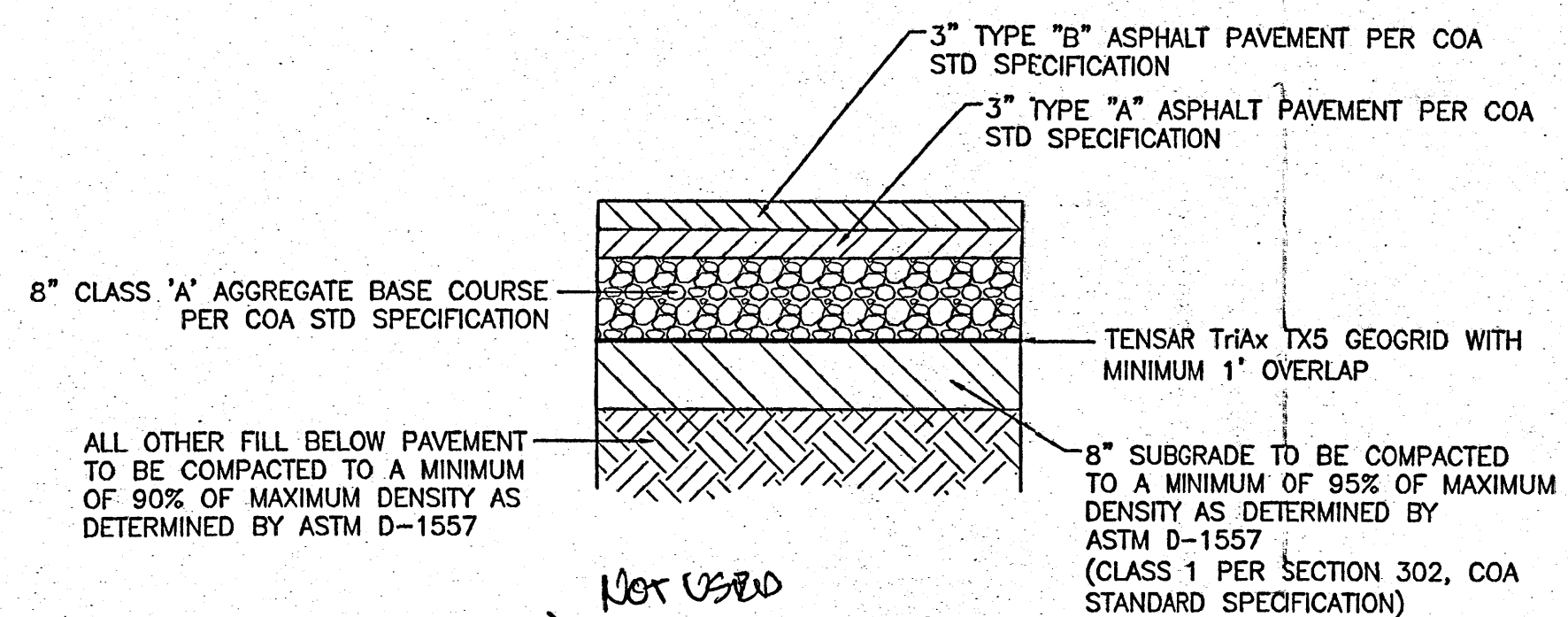
Sheet Number:





#### GENERAL NOTES:

1. ALL CONCRETE IS TO BE 3000 PSI @ 28 DAYS.
2. MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER ASTM D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE  $\pm 2.0\%$ .
3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.
4. ALL BARS ARE TO BE GRADE 60, ASTM 615.
5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.
6. DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.
7. INSTALL EXPANSION JOINTS ON 20' CENTERS.



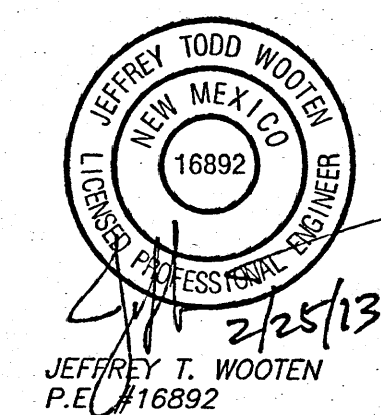
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**Schwob Building Co.**  
2349 Glenda Lane  
Dallas, TX 75229



**OLD DOMINION FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Issue for Permit: xx-xx-xx



ODFL Albuquerque, NM - ALB

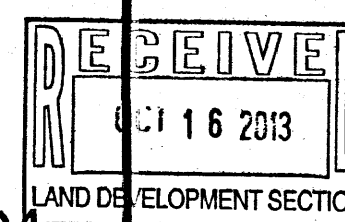
Project No. 12071.00

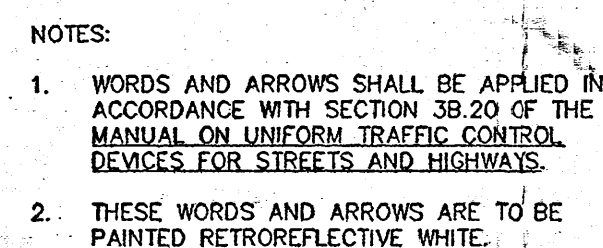
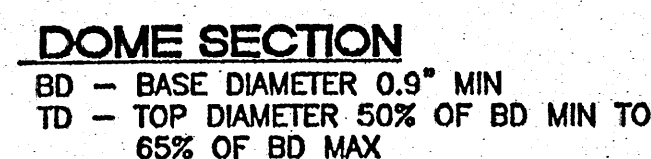
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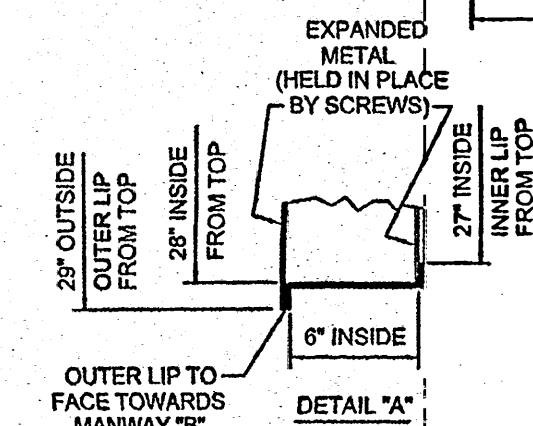
SOLID ARROW MARKINGS  
USED AT EXITS FROM THE PARKING LOT TO PUBLIC STREETS

### PAVEMENT MARKINGS

FOR REFERENCE ONLY

**GENERAL NOTE:**  
1. INTERIOR COATED TNESEC #61 EPOXY

THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH STI-P3 SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.



CUSTOMER IS RESPONSIBLE FOR  
TANK AND/OR APPURTENANT  
STRUCTURE DIMENSIONS.

APPROVED FOR CONSTRUCTION

BY \_\_\_\_\_

[illegible]

SERVICE WELDING & MACHINE COMPANY



**SERVICE TANKS**

Louisville, Ky.

1,000 Gallon KlearWater Oil Separator Tank

BENEFICIAL STSYSTEMS / JETERSVILLE, VA.

DRAWN BY

D.D.

DATE .

APPROVED

1

-10-07

DRAWING No.

000

860



NTS

**A NEW TERMINAL FOR:**

# OLD DOMINION FREIGHT LINE

330 Airport Rd NW  
Albuquerque, NM 87121

Final Permit Set: 03-01-13

JEFFREY T. WOOTEN  
P.E. #16892

ODFL Albuquerque, NM - ALB

Project No. 12071.00

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Sheet Number

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2349 Glenda Lane  
Dallas, TX 75229

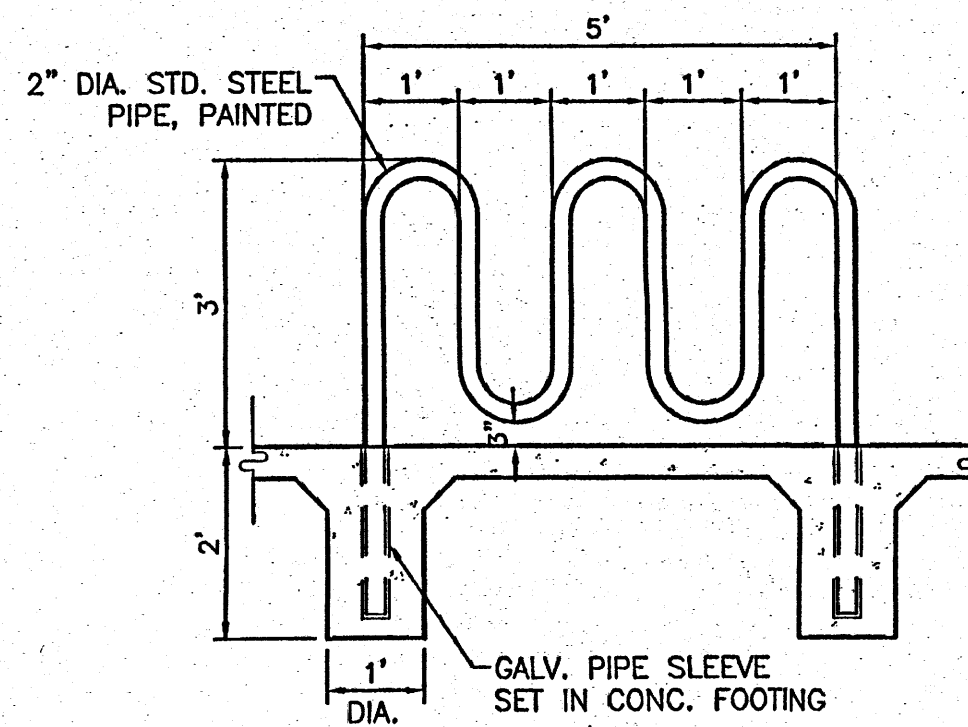


**Schwob**  
BUILDING COMPANY, LTD.

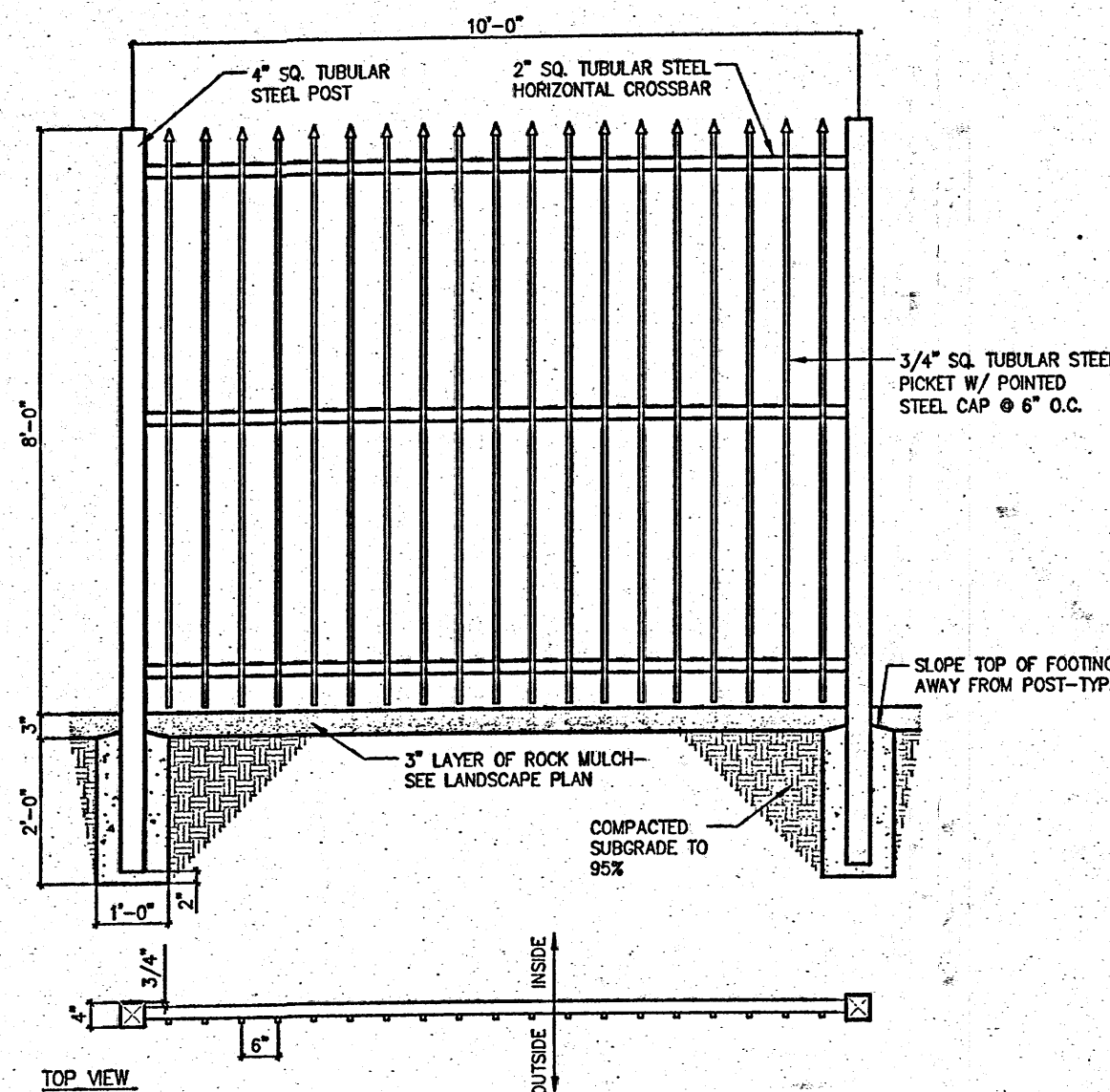
**FOR REFERENCE ONLY**

FOR REFERENCE ONLY

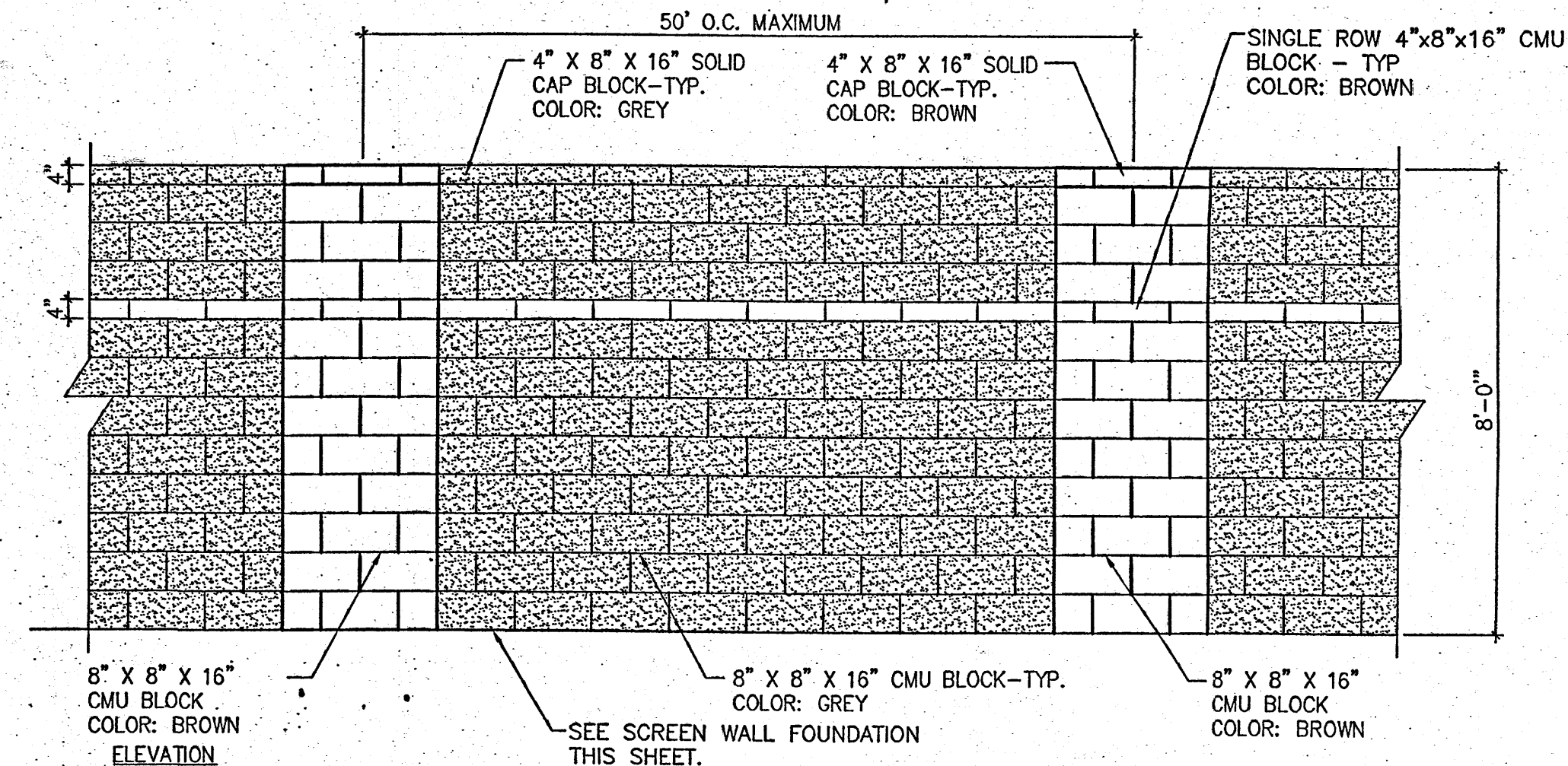
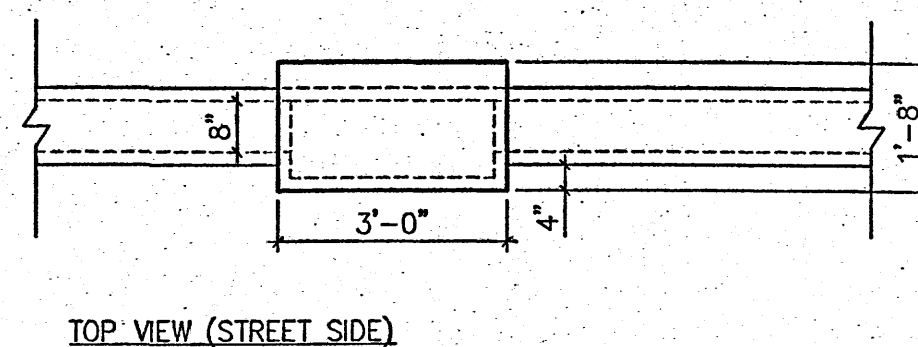




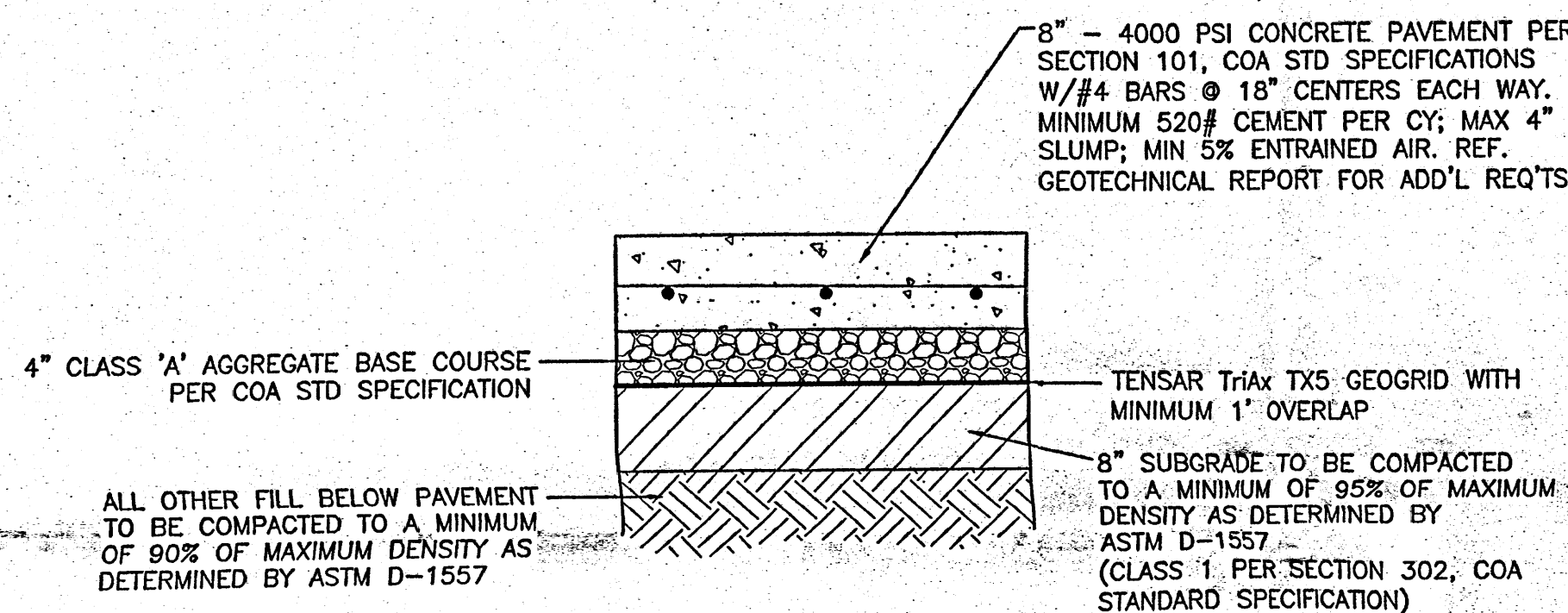
**BIKE RACK DETAIL**  
SCALE: 1/2"=1'



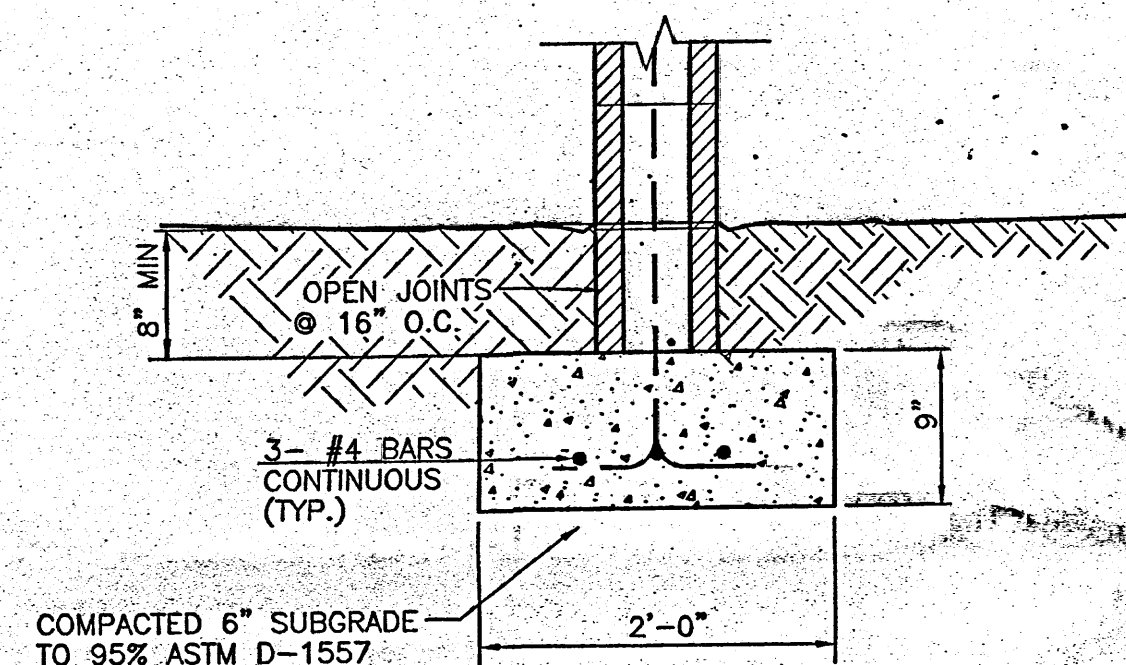
**TUBULAR FENCE DETAIL**



**CMU SCREEN WALL DETAIL**



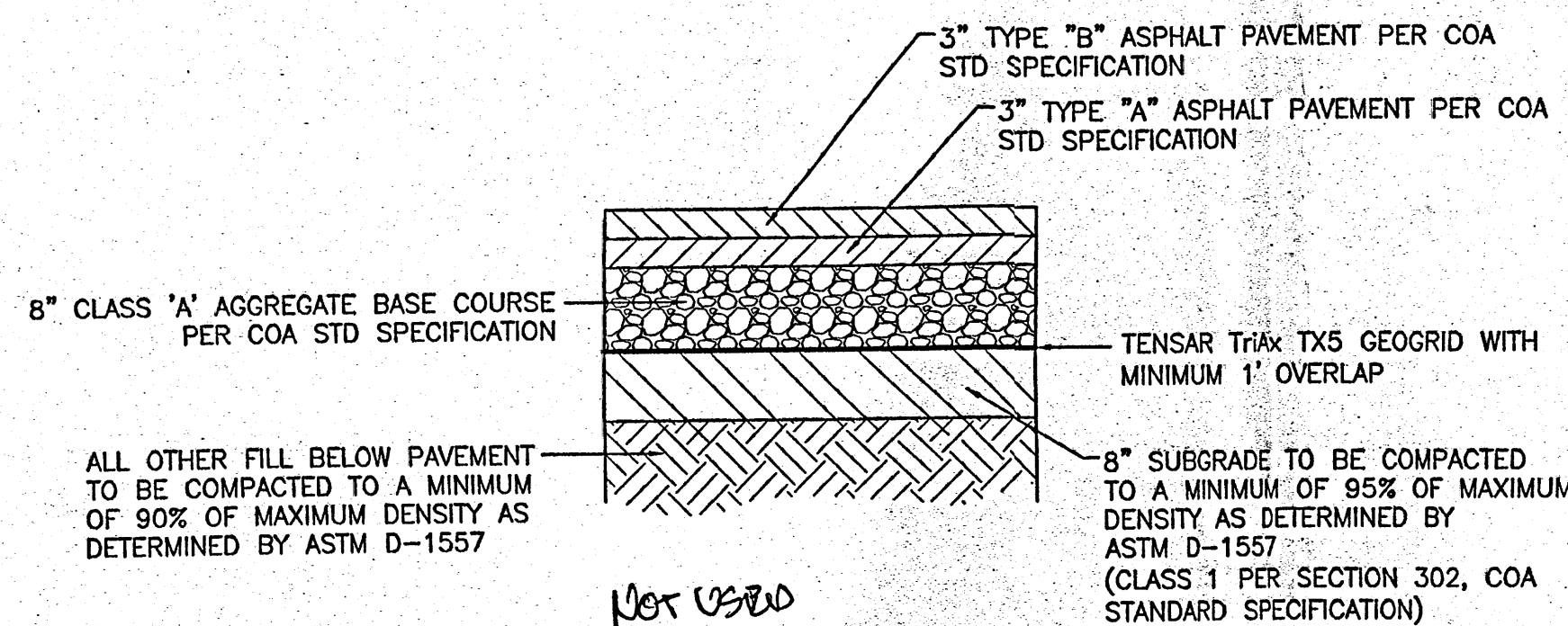
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nts DESIGNATED BY XBE VINYARD.



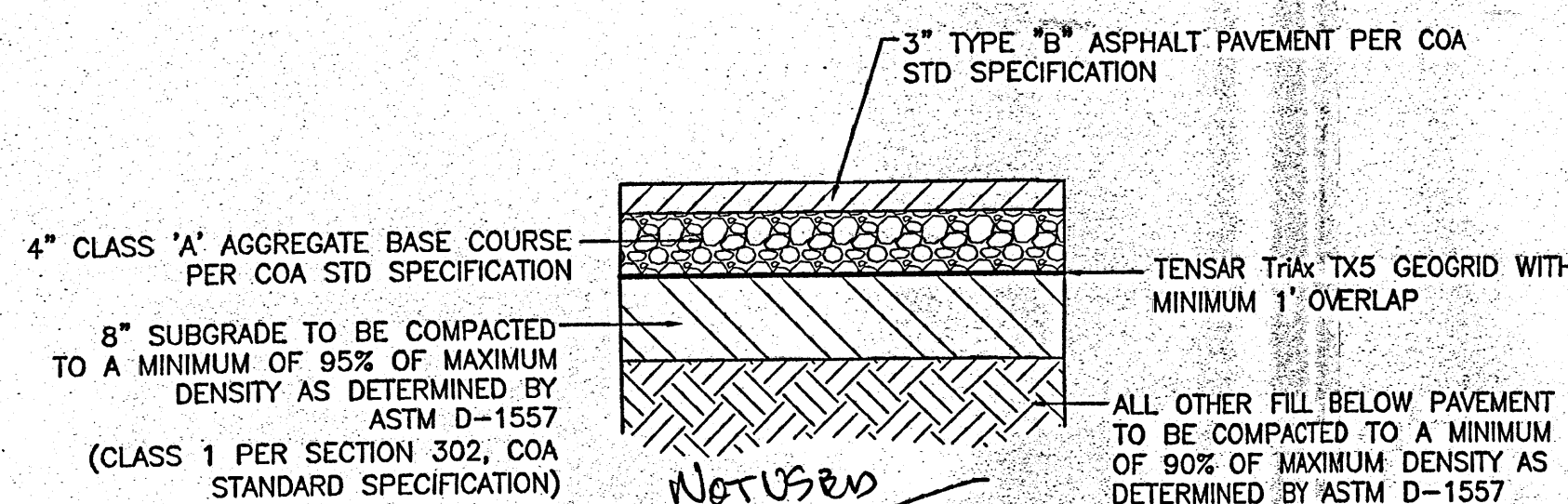
**SCREEN WALL FOUNDATION**  
nts

**GENERAL NOTES:**

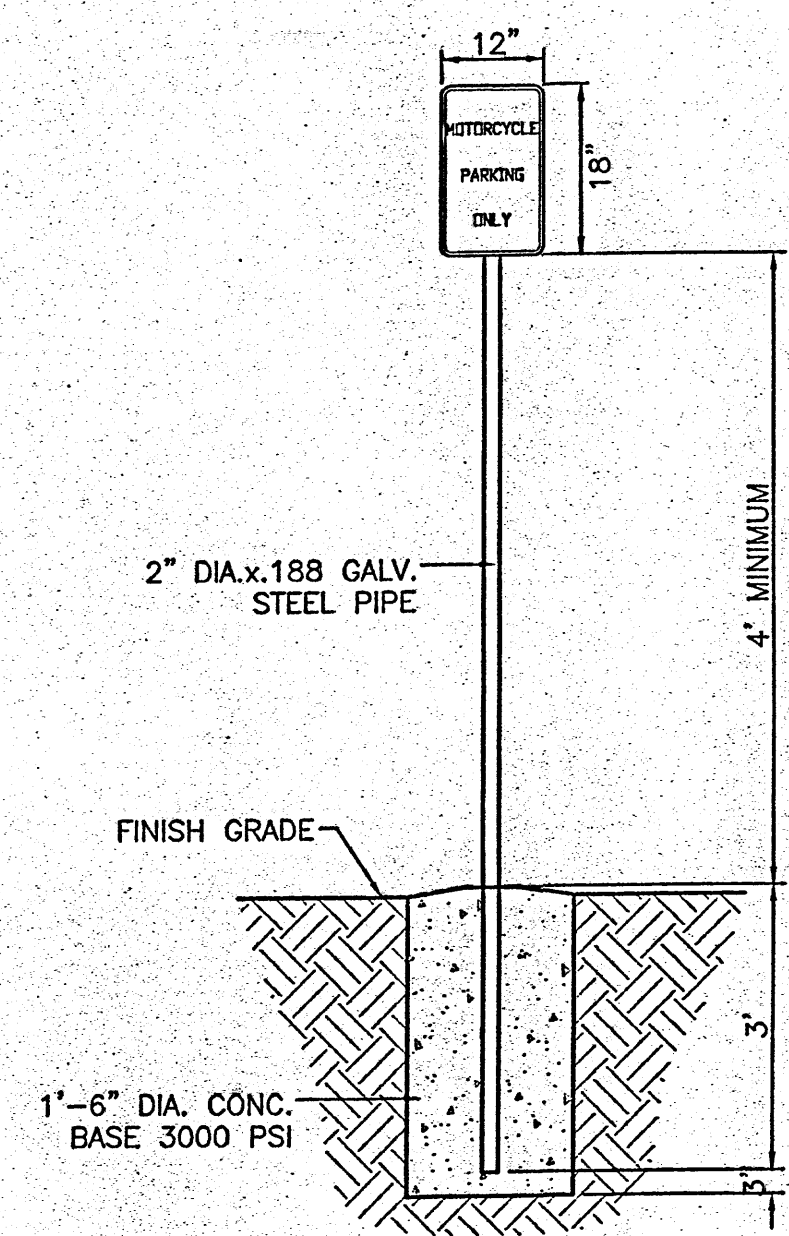
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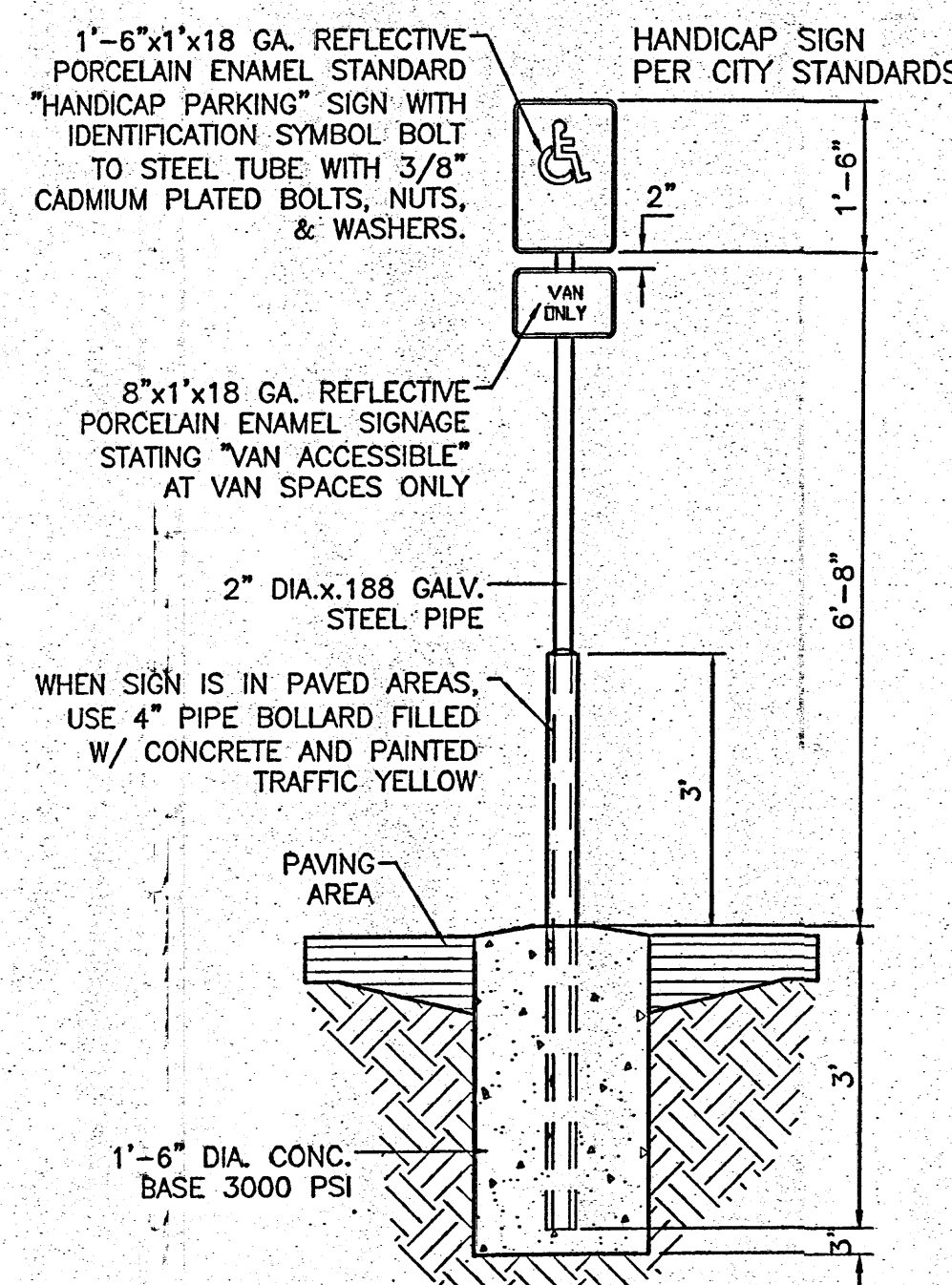
**HEAVY DUTY ASPHALT TYPICAL PAVING SECTION**  
nts DESIGNATED BY XBE VINYARD



**STANDARD DUTY ASPHALT TYPICAL PAVING SECTION**  
nts DESIGNATED BY XBE VINYARD



**MOTORCYCLE PARKING SIGN**  
nts



**HANDICAP SIGN**  
nts

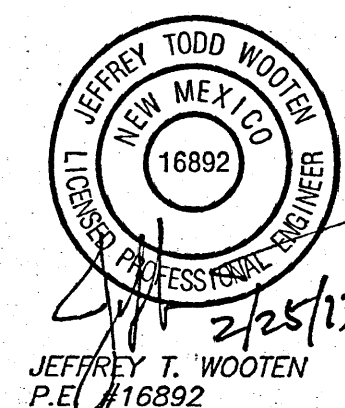
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Dallas, TX 75229



A NEW TERMINAL FOR:  
**OLD DOMINION FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Issue for Permit: xx-xx-xx



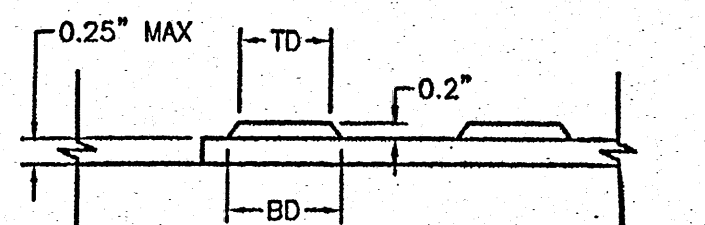
ODFL Albuquerque, NM - ALB

Project No. 12071.00

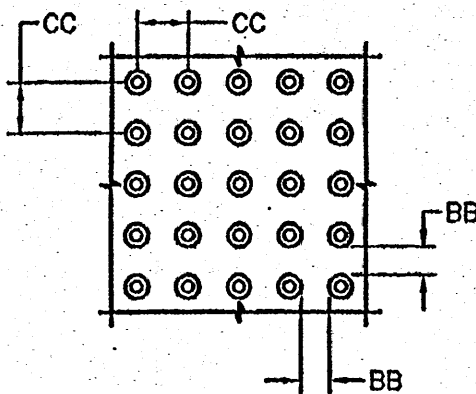
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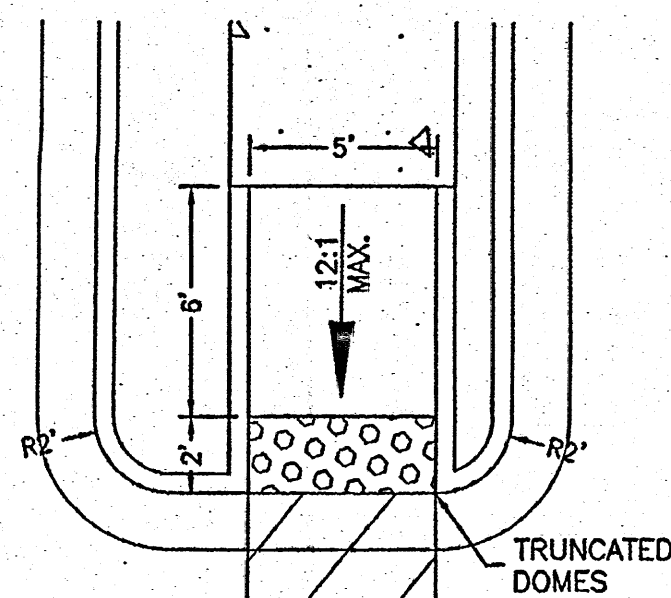


**DOME SECTION**  
 BD - BASE DIAMETER 0.9\"/>

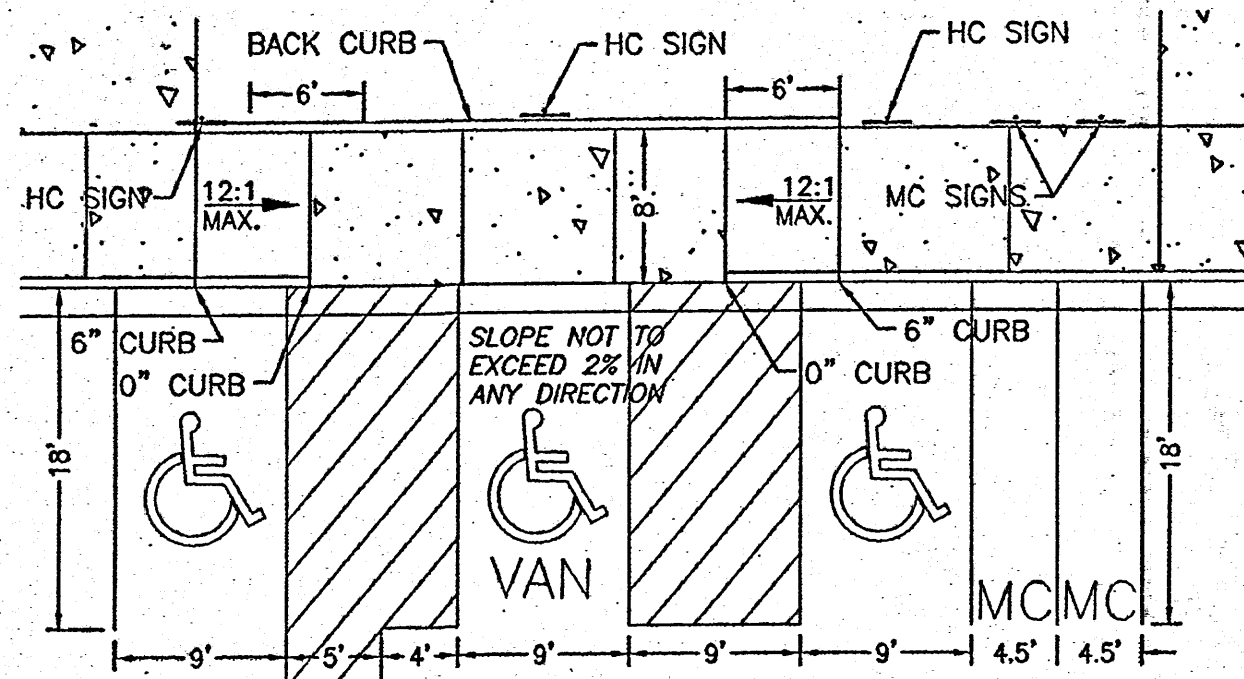


**DOME SPACING**  
 CC - CENTER TO CENTER SPACING 2.35\"/>

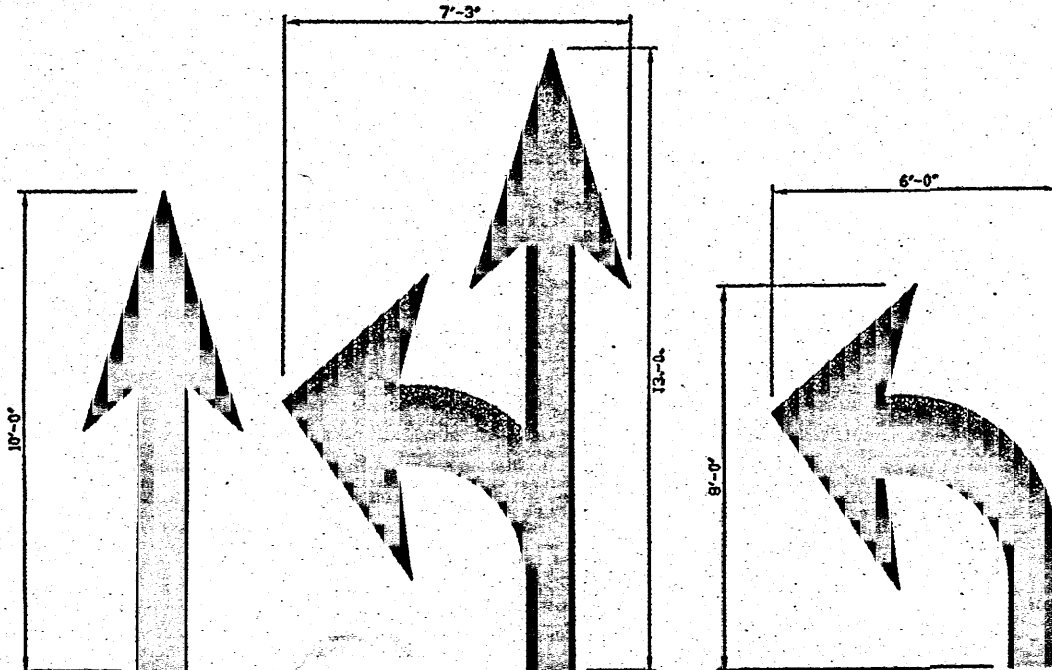
INSTALL  
 TRUNCATED DOMES  
 AT COA ROW RAMP



**ADA RAMP 'A'**  
 SCALE: NTS



**HC PARKING - MAIN BLDG. ENTRANCE**  
 SCALE: NTS



SOLID ARROW MARKINGS  
 USED AT EXITS FROM THE PARKING LOT TO PUBLIC STREETS

**PAVEMENT MARKINGS**  
 N.T.S.

- NOTES:
- WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 30.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
  - THESE WORDS AND ARROWS ARE TO BE PAINTED RETROREFLECTIVE WHITE.

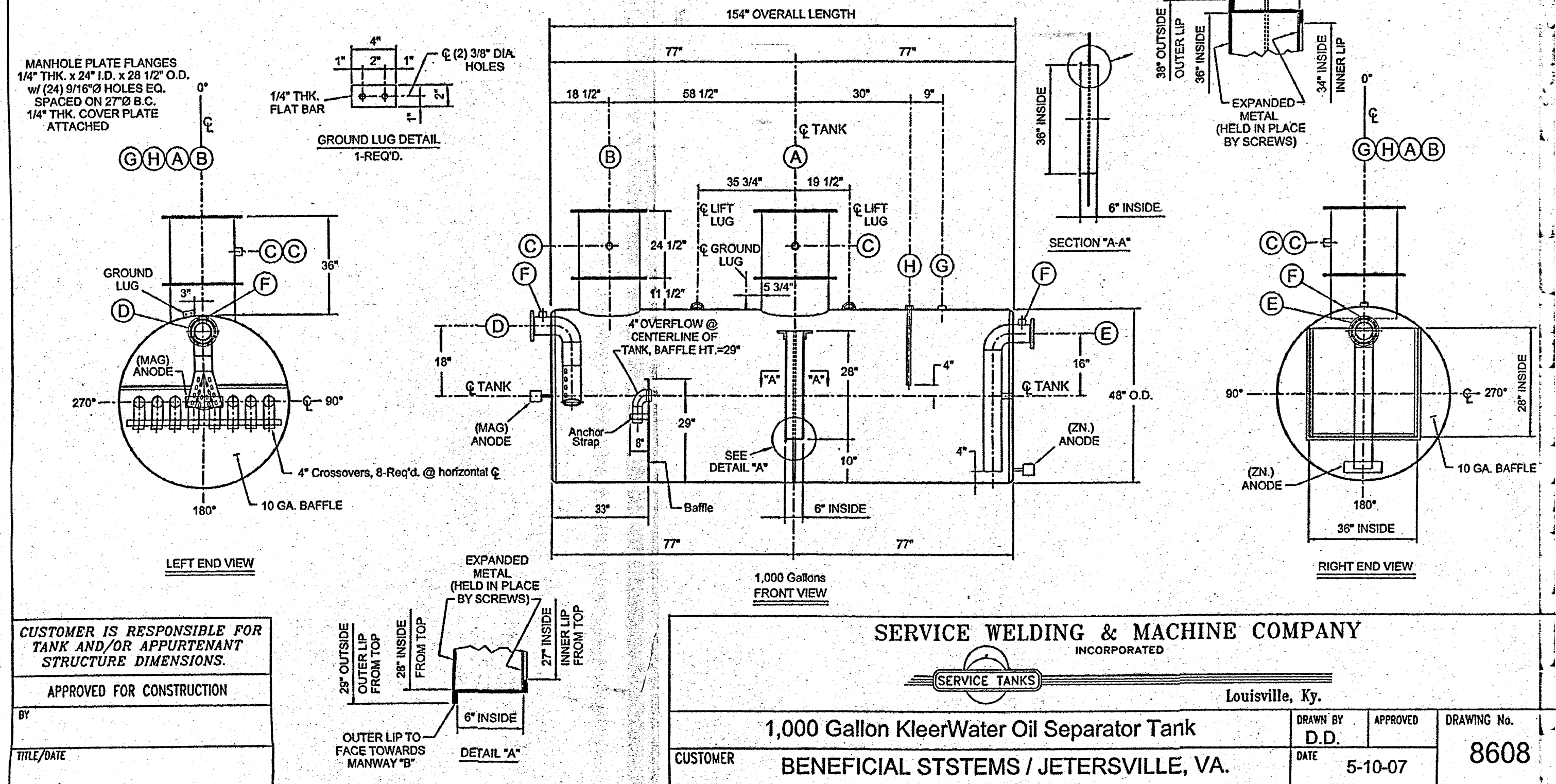
FOR REFERENCE ONLY

**GENERAL NOTE:**  
 1. INTERIOR COATED TNEPEC #61 EPOXY.

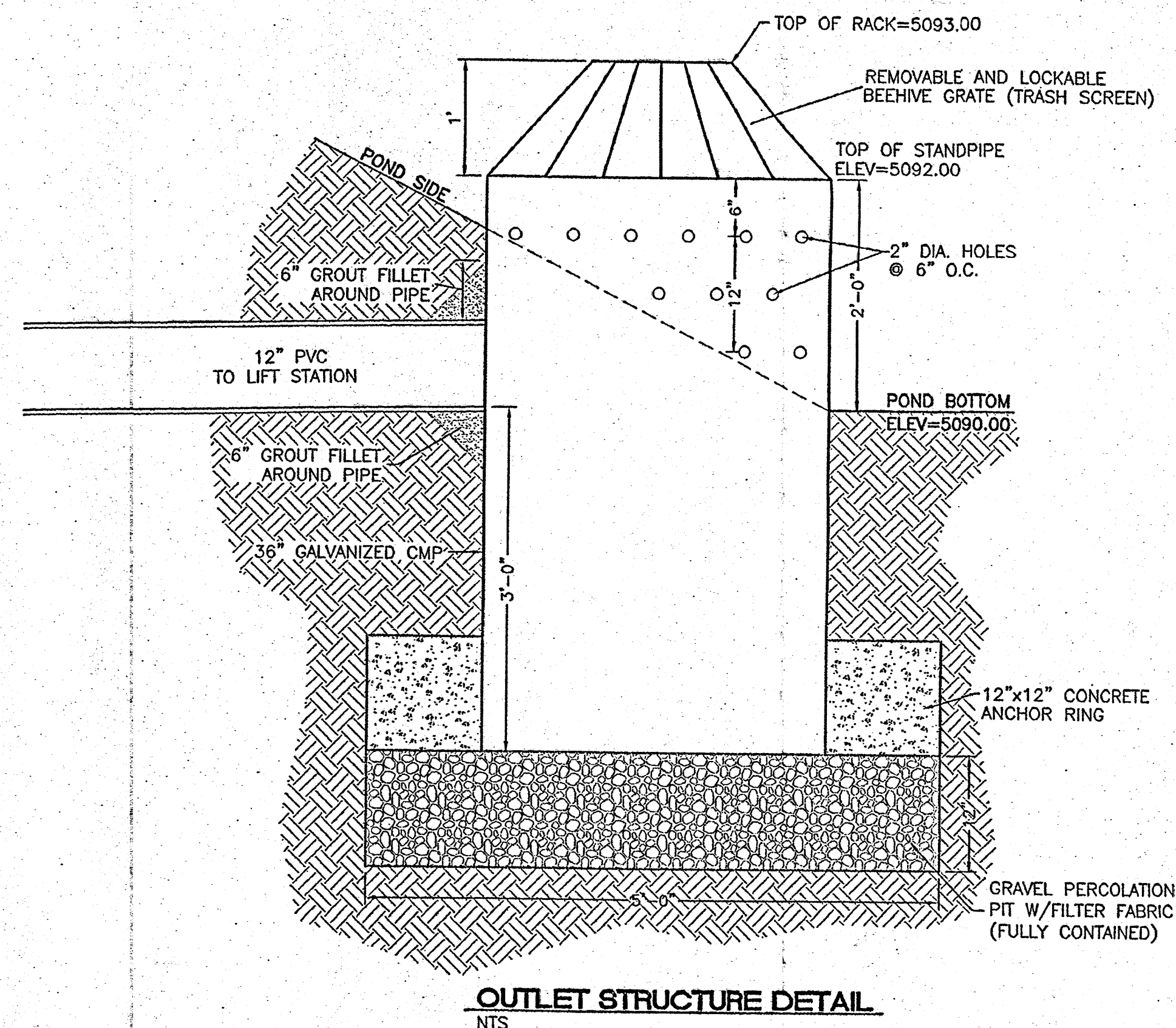
THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH ST-11 SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.

| NOZZLE SCHEDULE |      |      |           |           |       |          |           |                    |                               |                                       |                   |
|-----------------|------|------|-----------|-----------|-------|----------|-----------|--------------------|-------------------------------|---------------------------------------|-------------------|
| ITEM            | QTY. | SIZE | RATING    | TYPE      | MATL. | PROJ. IN | PROJ. OUT | NOZZLE DESCRIPTION | WELD LEG DIM. (NOZ. TO SHELL) | REMARKS                               | NOTES             |
| A               | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 0"       | AS SHWN   |                    |                               | PILET/GRV.                            | VENT              |
| B               | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 1/4"     | AS SHWN   |                    |                               | PILET                                 | SLUDGE REMOVAL    |
| C               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |                               | PILET/GRV. W/ 5/8" DIELECTRIC BUSHING | VENT              |
| D               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |                               | PILET                                 | INLET             |
| E               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |                               | PILET                                 | OUTLET            |
| F               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |                               | PILET/GRV. W/ 5/8" DIELECTRIC BUSHING | VENT              |
| G               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |                               | PILET W/ 5/8" DIELECTRIC BUSHING      | OIL LEVEL CONTROL |
| H               | 1    | 6"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |                               | PILET W/ 5/8" DIELECTRIC BUSHING      | OIL PUMP OUT      |

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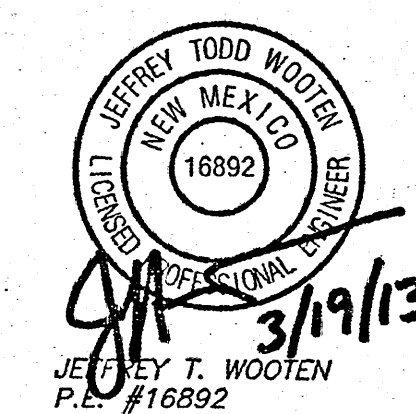
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A NEW TERMINAL FOR:  
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 Albuquerque, NM 87121

Final Permit Set: 03-01-13



ODFL Albuquerque, NM - ALB

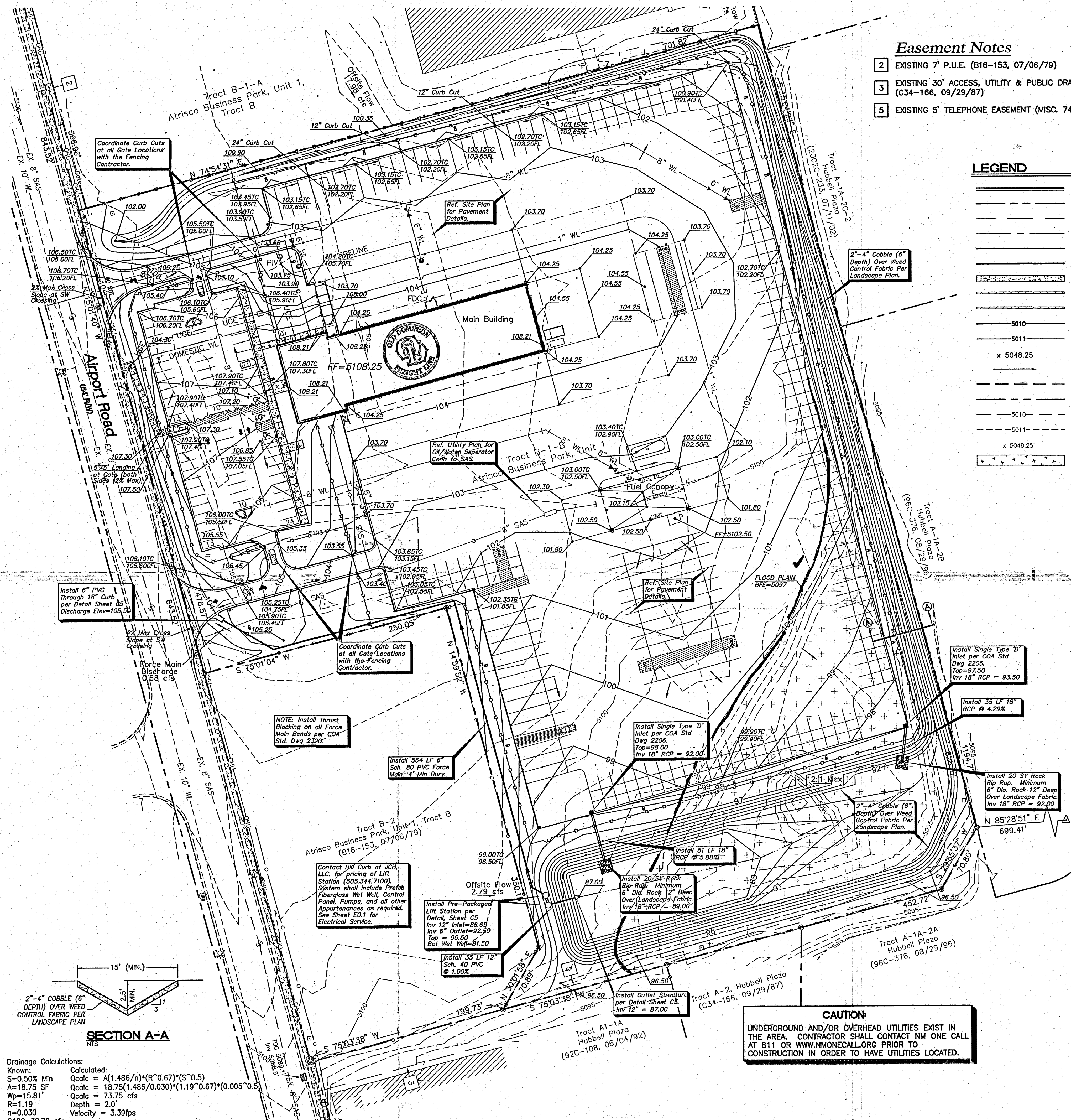
Project No. 12071.00

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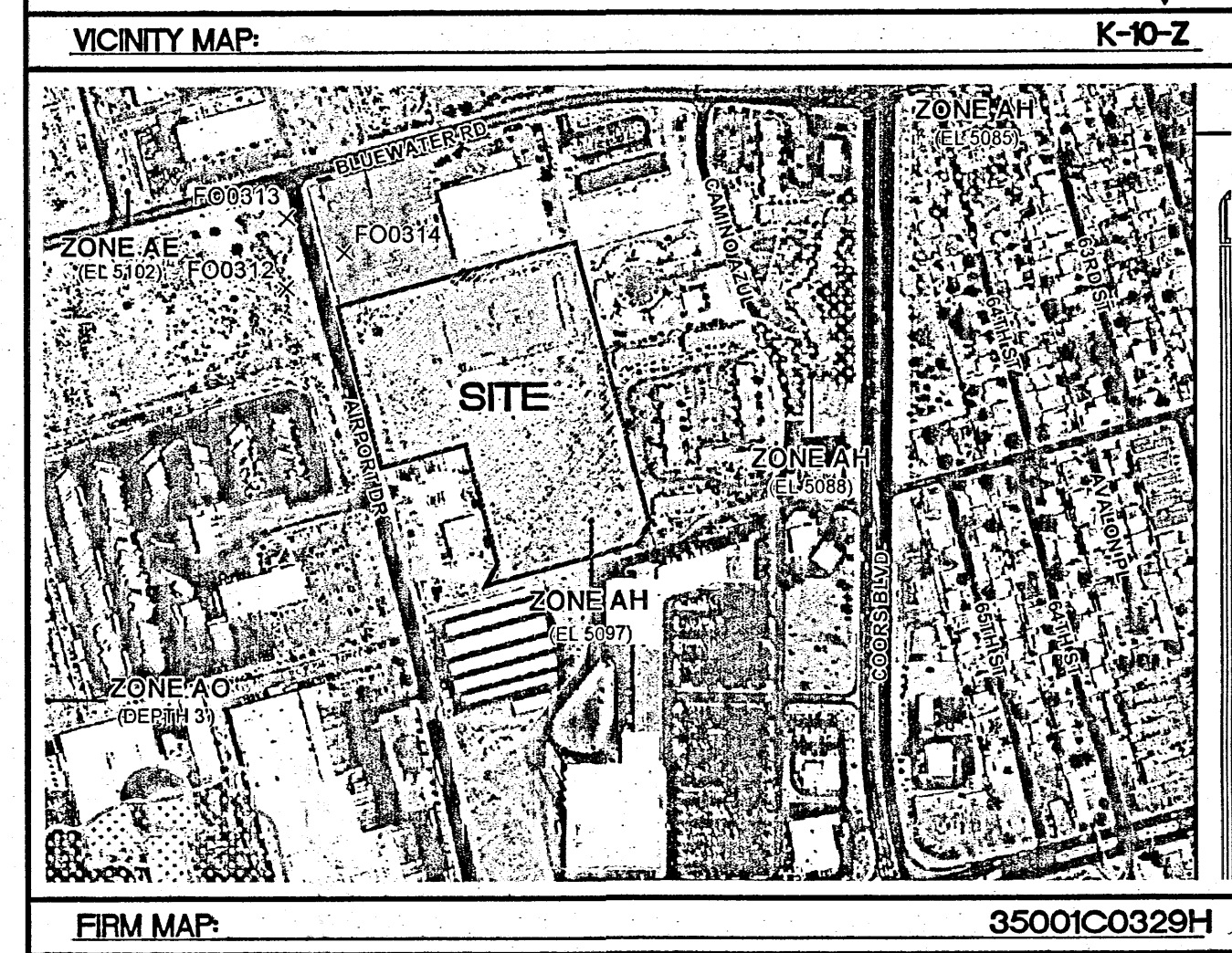
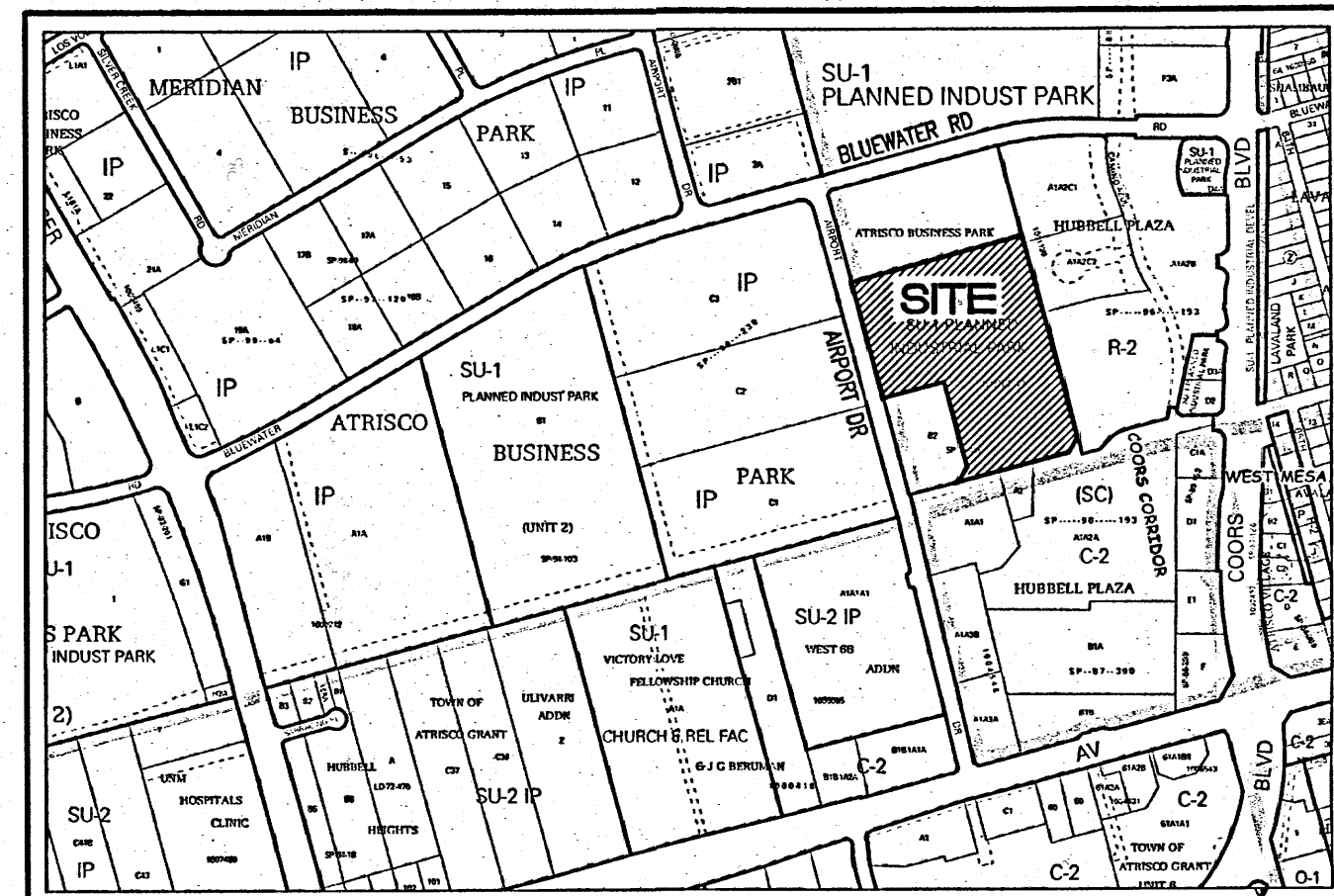
Sheet Number:

C5



- Easement Notes**
- 2 EXISTING 7' P.U.E. (B16-153, 07/06/79)
  - 3 EXISTING 30' ACCESS, UTILITY & PUBLIC DRAINAGE EASEMENT (C34-166, 09/29/87)
  - 5 EXISTING 5' TELEPHONE EASEMENT (MISC. 741A, PG. 615, 04/24/89)

- LEGEND**
- CURB & GUTTER
  - BOUNDARY LINE
  - EASEMENT
  - CENTERLINE
  - RIGHT-OF-WAY
  - BUILDING
  - SIDEWALK
  - SCREEN WALL
  - RETAINING WALL
  - 5010 CONTOUR MAJOR
  - 5011 CONTOUR MINOR
  - x 5048.25 SPOT ELEVATION
  - FLOW ARROW
  - EXISTING CURB & GUTTER
  - 5010 EXISTING BOUNDARY LINE
  - 5011 EXISTING CONTOUR MAJOR
  - 5011 EXISTING CONTOUR MINOR
  - x 5048.25 EXISTING SPOT ELEVATION
  - FLOOD PLAIN



**POND VOLUME REQUIREMENTS**

| Pond                        | 100 yr, 6 hr | 10 day |
|-----------------------------|--------------|--------|
| Required First Flush Volume | 0.43         | —      |
| Required Total Volume       | 2.69         | 5.38   |
| Provided Total Volume       | 6.04         | 6.04   |
| WS Elevation                | 5093         | 5095.5 |

**Onsite Pond (South Property Line)**  
Stage-Storage-Discharge Table

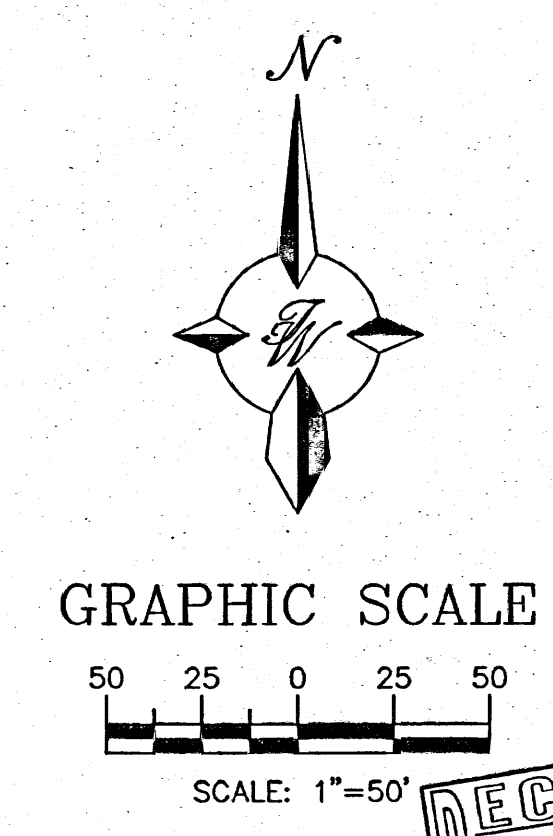
| Elevation | Water Depth (ft) | Contour Area (sf) | Volume (cu-ft) | Volume (ac-ft) | Outlet Flow Q <sub>max</sub> (gpm) | Outlet Flow Q <sub>max</sub> (cfs) | Notes                |
|-----------|------------------|-------------------|----------------|----------------|------------------------------------|------------------------------------|----------------------|
| 5087.00   | 0                | 0                 | 0              | 0              | 0                                  | 0                                  | ← Pond bottom        |
| 5088.00   | 1                | 11,813.1          | 5,906.55       | 0.1356         | 0                                  | 0                                  |                      |
| 5089.00   | 2                | 14,392.2          | 19,009.19      | 0.4364         | 305                                | 0.680                              | ← First flush volume |
| 5090.00   | 3                | 17,984.4          | 35,197.50      | 0.8080         | 305                                | 0.680                              |                      |
| 5091.00   | 4                | 22,864.1          | 55,621.78      | 1.2769         | 305                                | 0.680                              |                      |
| 5092.00   | 5                | 35,502.2          | 84,804.93      | 1.9469         | 305                                | 0.680                              |                      |
| 5093.00   | 6                | 39,092.2          | 122,102.12     | 2.8031         | 305                                | 0.680                              |                      |
| 5094.00   | 7                | 43,876.2          | 163,586.34     | 3.7554         | 305                                | 0.680                              |                      |
| 5095.00   | 8                | 49,513.6          | 210,281.24     | 4.8274         | 305                                | 0.680                              |                      |
| 5095.25   | 8.25             | 50,997.8          | 222,845.16     | 5.1158         | 305                                | 0.680                              |                      |
| 5095.50   | 8.5              | 52,512.0          | 235,783.89     | 5.4129         | 305                                | 0.680                              | ← 10 day volume      |
| 5095.75   | 8.75             | 54,056.1          | 249,104.90     | 5.7187         | 305                                | 0.680                              |                      |
| 5096.00   | 9                | 56,282.1          | 263,179.09     | 6.0418         | 305                                | 0.680                              | ← Top of pond        |

Discharge  
Constant discharge from storm water lift station - Pump requirements: 305 gpm and 22 ft of static head.

NOTE: THE ABOVE POND VOLUMES SHALL BE VERIFIED AS PART OF THE DRAINAGE CERTIFICATION AND WILL BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

**PUMP INFORMATION**  
MODEL: FLYGT NP3102.160  
SIZE: 5HP, 460 VAC, 3-PHASE, 60 HZ.  
DISCHARGE: 305 GAL/MIN (0.68 CFS)

**CAUTION:**  
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.



**SECTION A-A**  
NTS

Drainage Calculations:  
Known: S=0.50% Min  
A=18.75 SF  
Wp=15.81'  
R=1.19  
n=0.030  
Q100=38.79 cfs

Calculated:  
Qcalc = A(1.486/n)\*(R^0.67)\*(S^0.5)  
Qcalc = 18.75(1.486/0.030)\*(1.19^0.67)\*(0.005^0.5)  
Qcalc = 73.75 cfs  
Velocity = 3.39fps

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**Schwob**  
BUILDING COMPANY LTD

A NEW TERMINAL FOR:

**OLD DOMINION FREIGHT LINE**

Final Permit Set: 03-01-13  
Plan Revisions: 03-19-13

ODFL Albuquerque, NM - ALB

Project No. 12071.00

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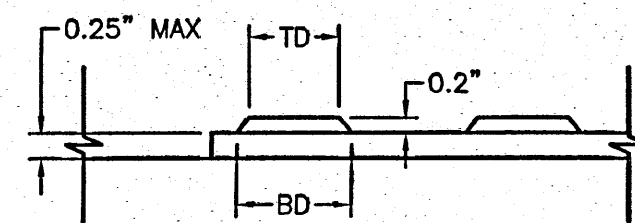
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**GRADING AND DRAINAGE PLAN**

Sheet Number:

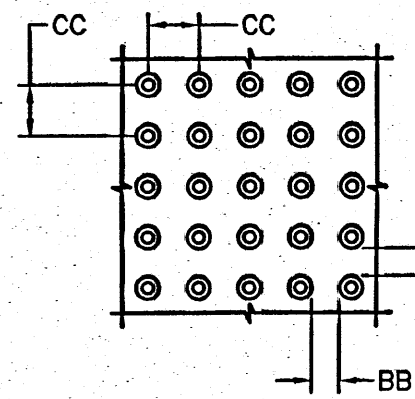
**C2**

RECEIVED  
MAR 27 2013  
LAND DEVELOPMENT SECTION

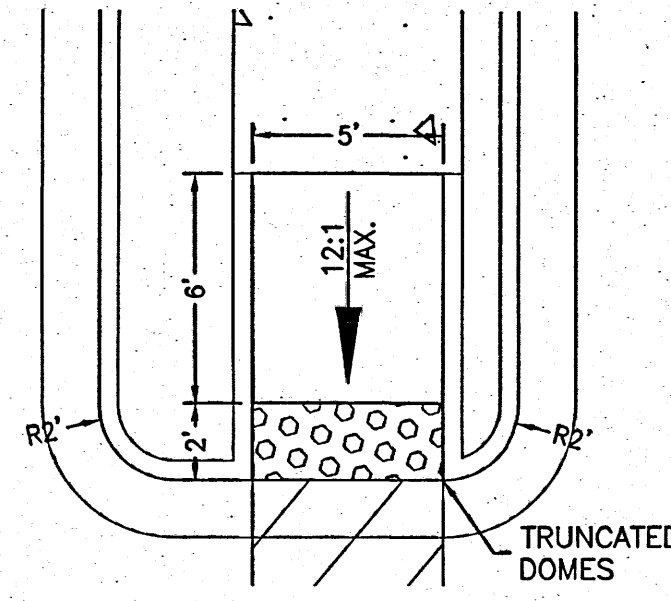
K10-D 008A  
Approved 7/2/15



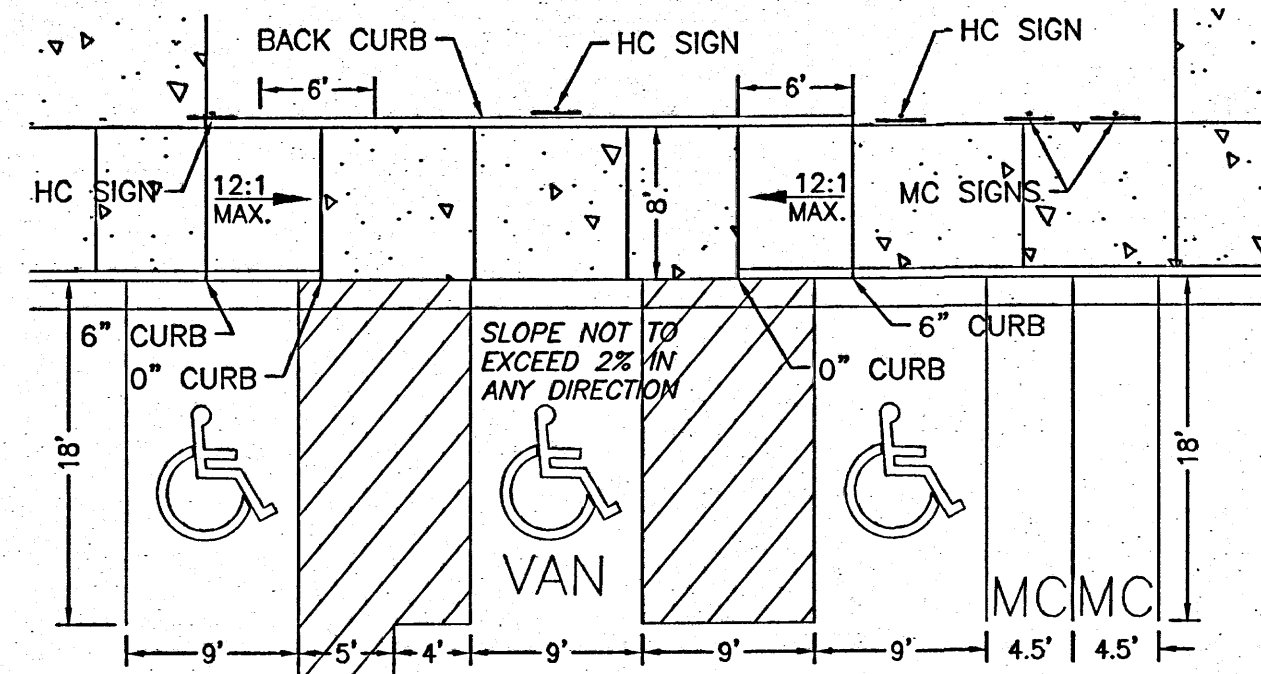
**DOME SECTION**  
 BD - BASE DIAMETER 0.9" MIN  
 TD - TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX



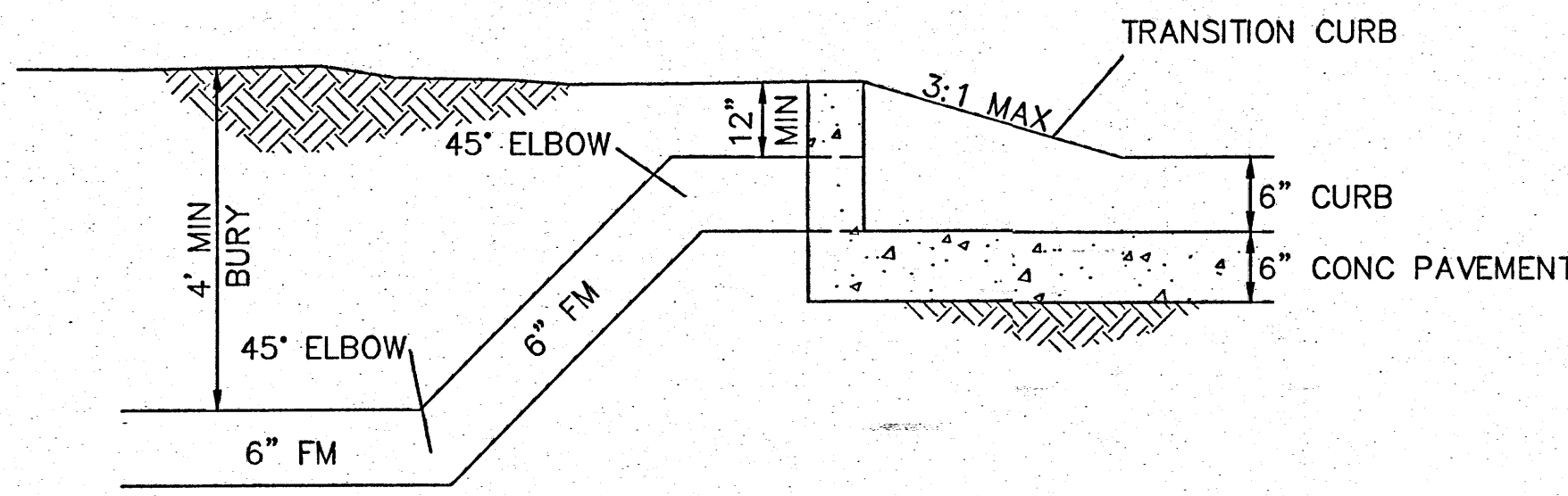
**DOME SPACING**  
 CC - CENTER TO CENTER SPACING 2.35"  
 BB - BASE TO BASE SPACING 1.48" MIN



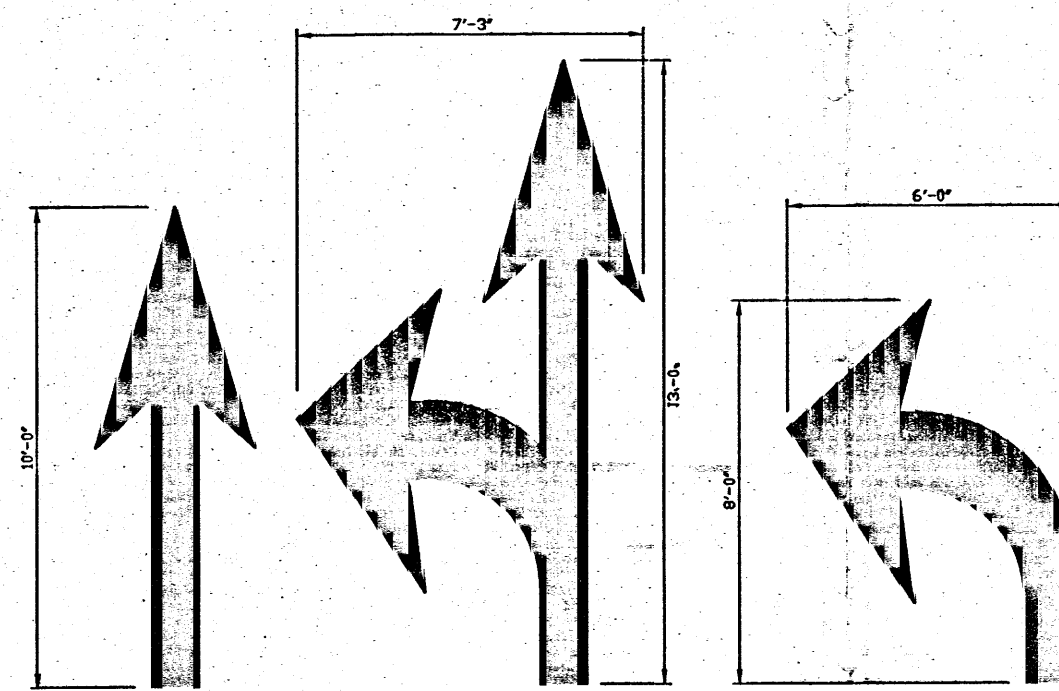
**ADA RAMP "A"**  
 SCALE: NTS



**HC PARKING - MAIN BLDG. ENTRANCE**  
 SCALE: NTS



**FORCE MAIN DISCHARGE DETAIL**  
 NTS

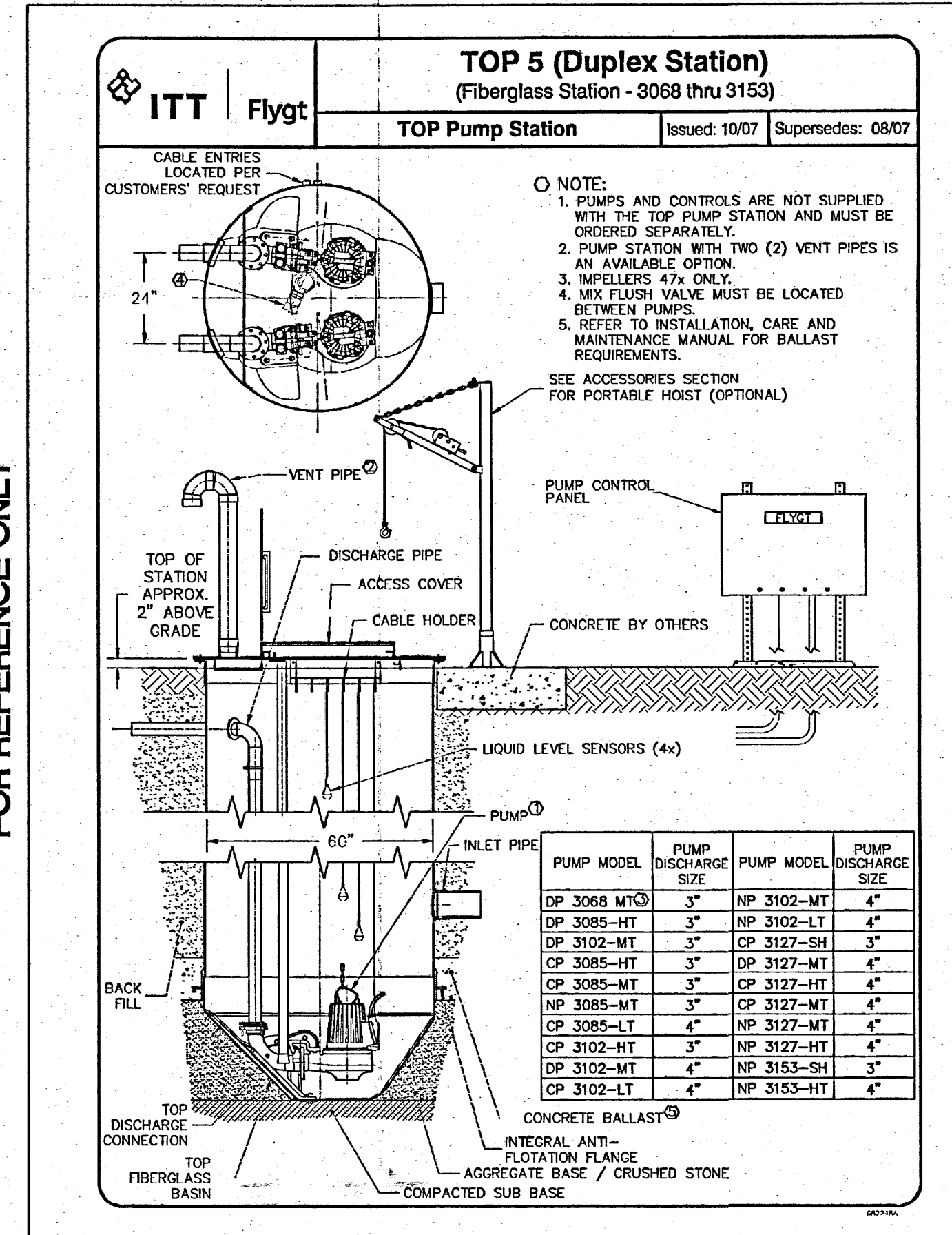


**PAVEMENT MARKINGS**  
 USED AT EXITS FROM THE PARKING LOT TO PUBLIC STREETS  
 N.T.S.

Contact Bill Curb at JCH, LLC. for pricing of Lift Station (505.344.7100). System shall include Prefab Fiberglass Wet Well, Control Panel, Pumps, and all other Appurtenances as required. See Sheet E0.1 for Electrical Service.

- NOTES:
- WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
  - THESE WORDS AND ARROWS ARE TO BE PAINTED RETROREFLECTIVE WHITE.

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- REVISIONS
- Revised Detail; 3/19/13
  - Added New Detail; 3/19/13

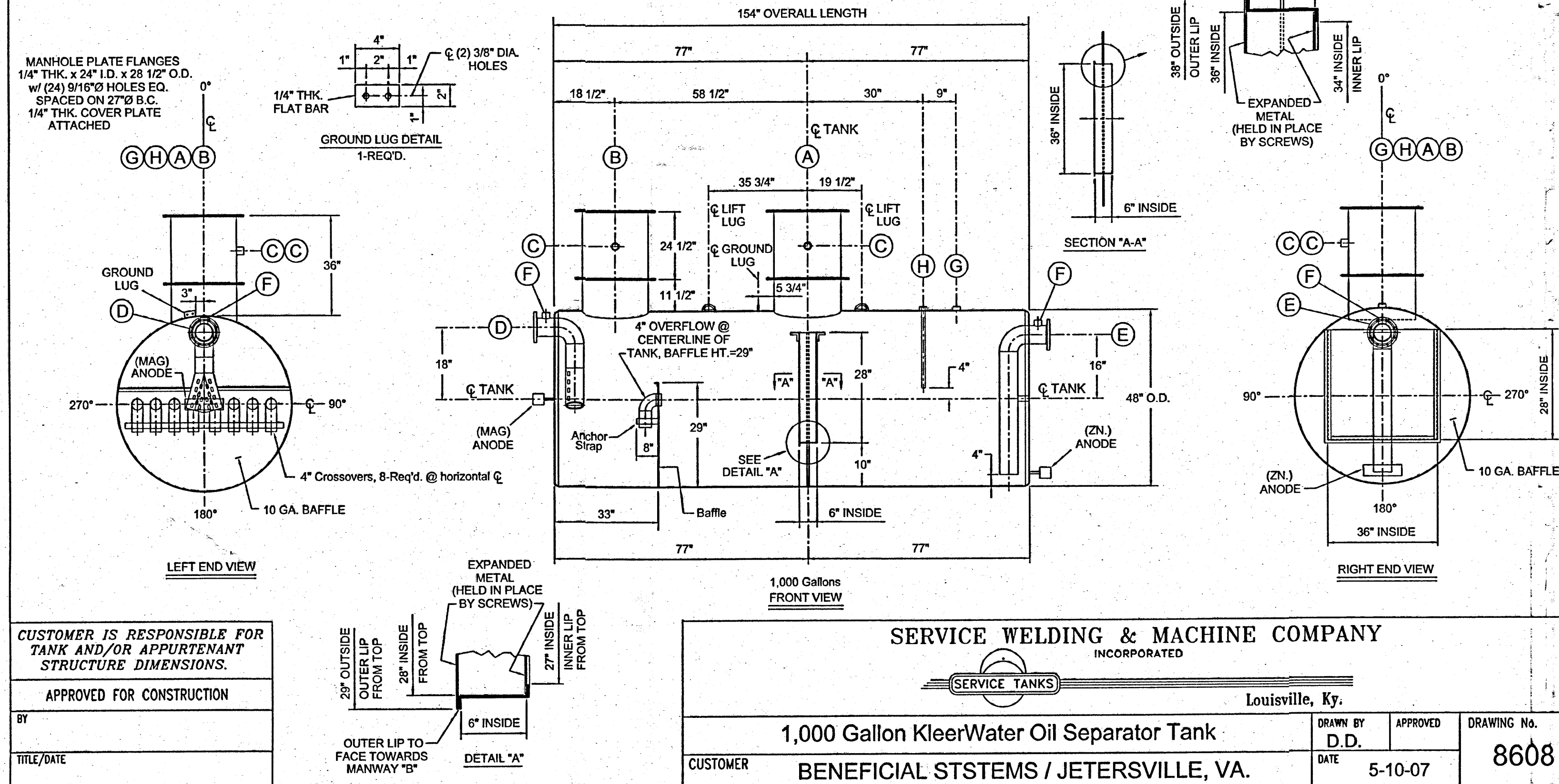
GENERAL NOTE:  
 1. INTERIOR COATED TNEPEC #61 EPOXY.

THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH ST-PS SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.

| ITEM | QTY. | SIZE | RATING    | TYPE      | MATL. | PROJ. IN | PROJ. OUT | NOZZLE DESCRIPTION |          |           | WELD LEG DIM. (NOZ. TO SHELL) |         | REMARKS       | NOTES                      |
|------|------|------|-----------|-----------|-------|----------|-----------|--------------------|----------|-----------|-------------------------------|---------|---------------|----------------------------|
|      |      |      |           |           |       |          |           | WEIGHT             | WALL SZ. | SIZE O.D. | INWARD                        | OUTWARD |               |                            |
| A    | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 0"       | AS SHWN   |                    |          |           |                               |         | FILLET / GRV. | VENT                       |
| B    | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | SLUDGE REMOVAL             |
| C    | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |          |           |                               |         | FILLET / GRV. | WI 3/2" DIELECTRIC BUSHING |
| D    | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | INLET                      |
| E    | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | OUTLET                     |
| F    | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |          |           |                               |         | FILLET / GRV. | WI 3/2" DIELECTRIC BUSHING |
| G    | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | WI 5/4" DIELECTRIC BUSHING |
| H    | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               |         | FILLET        | WI 5/4" DIELECTRIC BUSHING |

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**SERVICE WELDING & MACHINE COMPANY**  
 INCORPORATED

1,000 Gallon KleeWater Oil Separator Tank

CUSTOMER: BENEFICIAL STSTEMS / JETERSVILLE, VA.

LOUISVILLE, KY.

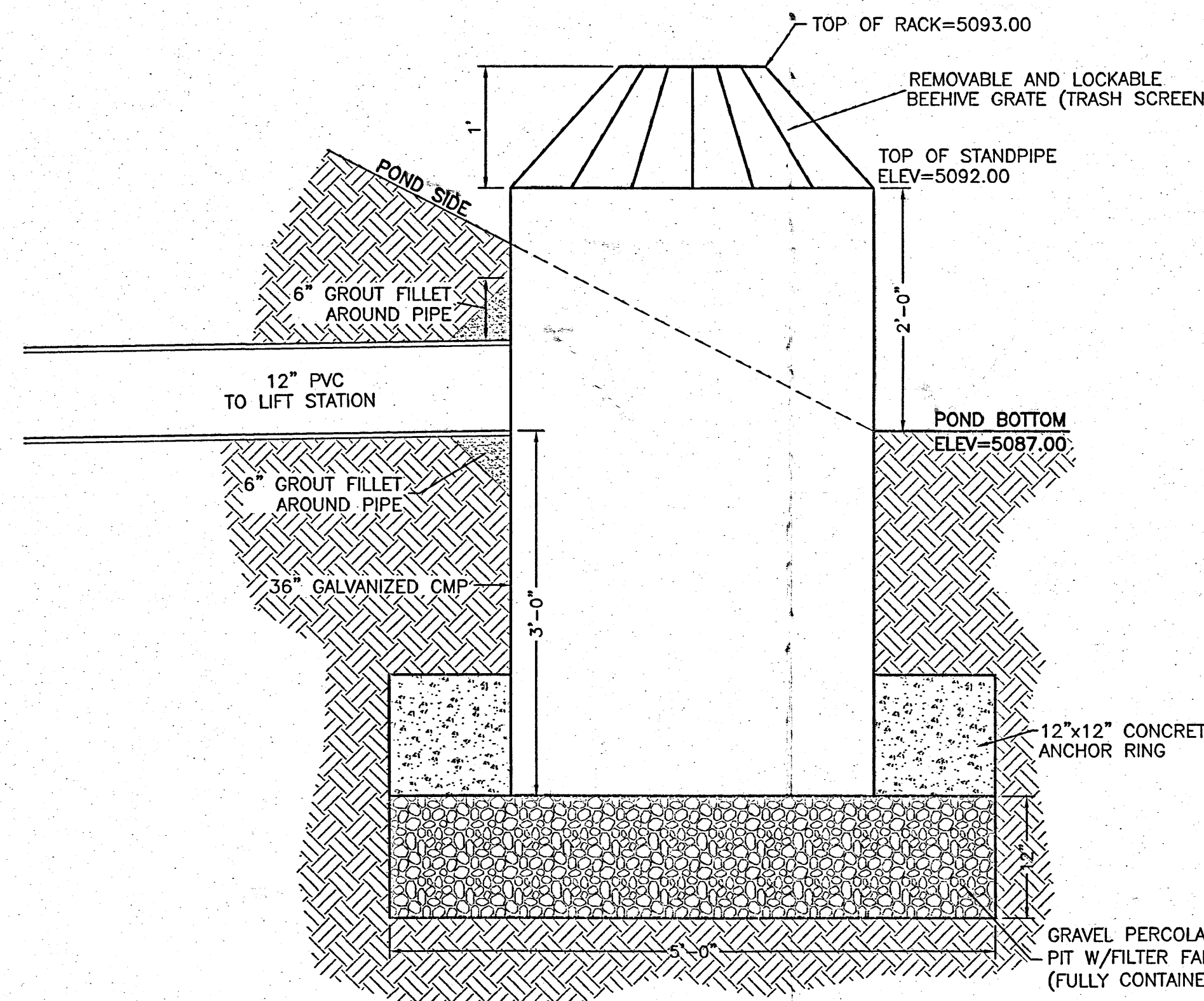
DRAWN BY: D.D.

APPROVED

DRAWING NO.

DATE: 5-10-07

8608



**OUTLET STRUCTURE DETAIL**  
 NTS

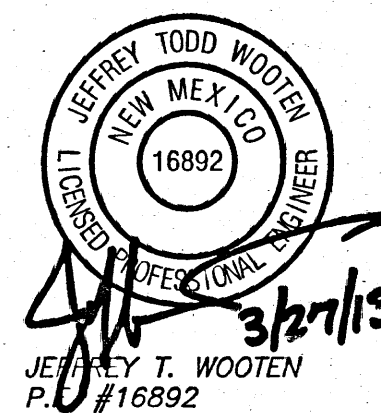
**TERRA WEST, LLC**  
 5571 MIDWAY PARK PL NE  
 ALBUQUERQUE, NEW MEXICO 87109  
 (505) 858-3100  
 www.tierawestllc.com

**Schwob Building Co.**  
 2349 Glenda Lane  
 Dallas, TX 75229



A NEW TERMINAL FOR:  
**OLD DOMINION FREIGHT LINE**  
 330 Airport Rd NW  
 Albuquerque, NM 87121

Final Permit Set: 03-01-13  
 Plan Revisions: 03-19-13



ODFL Albuquerque, NM - ALB

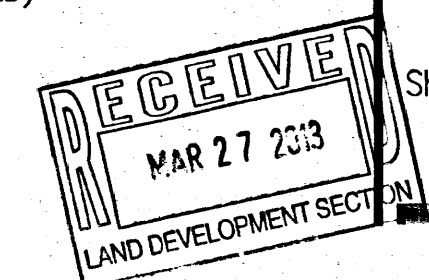
Project No. 12071.00

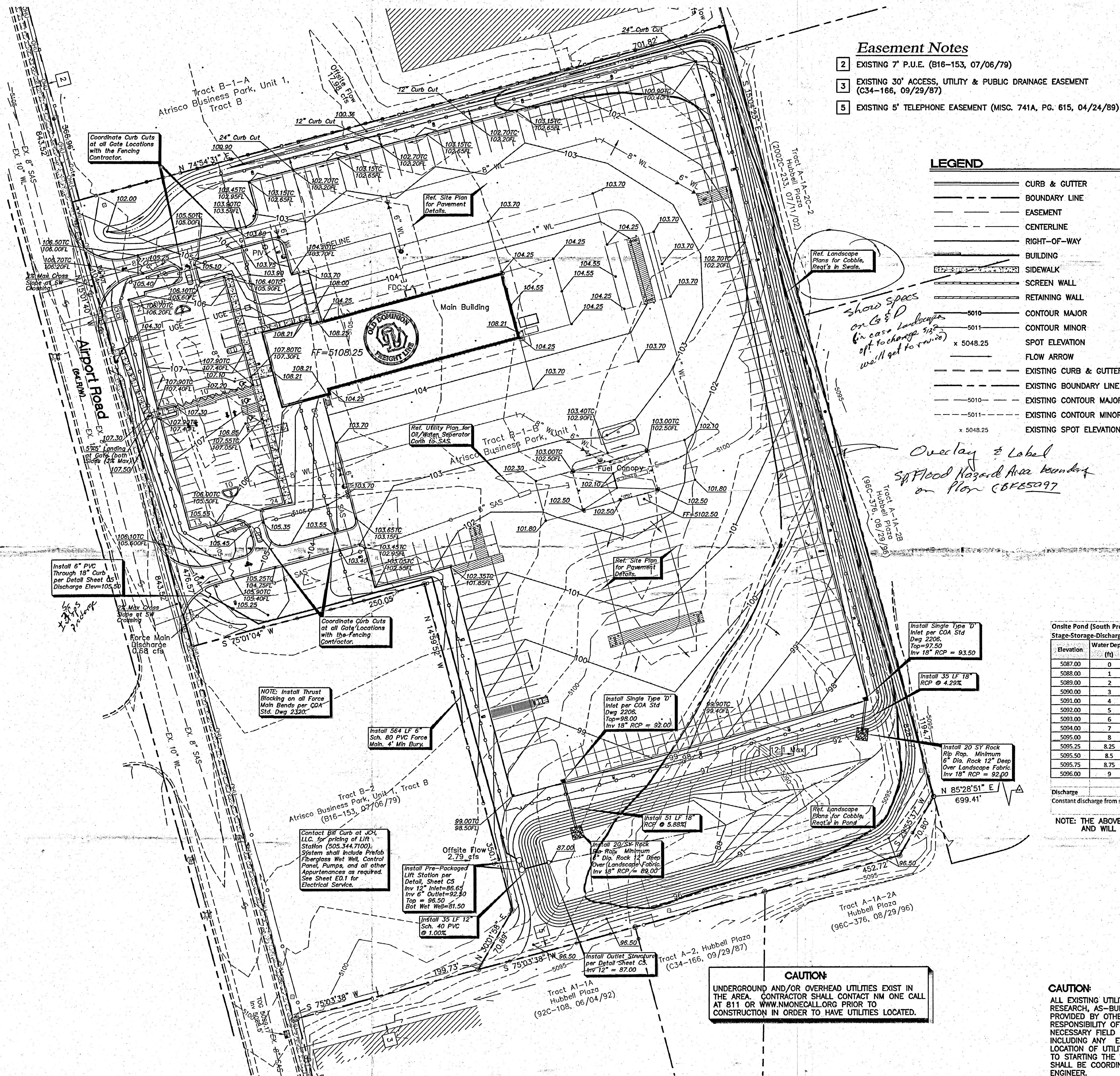
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Sheet Name: DETAILS

Sheet Number:

C5



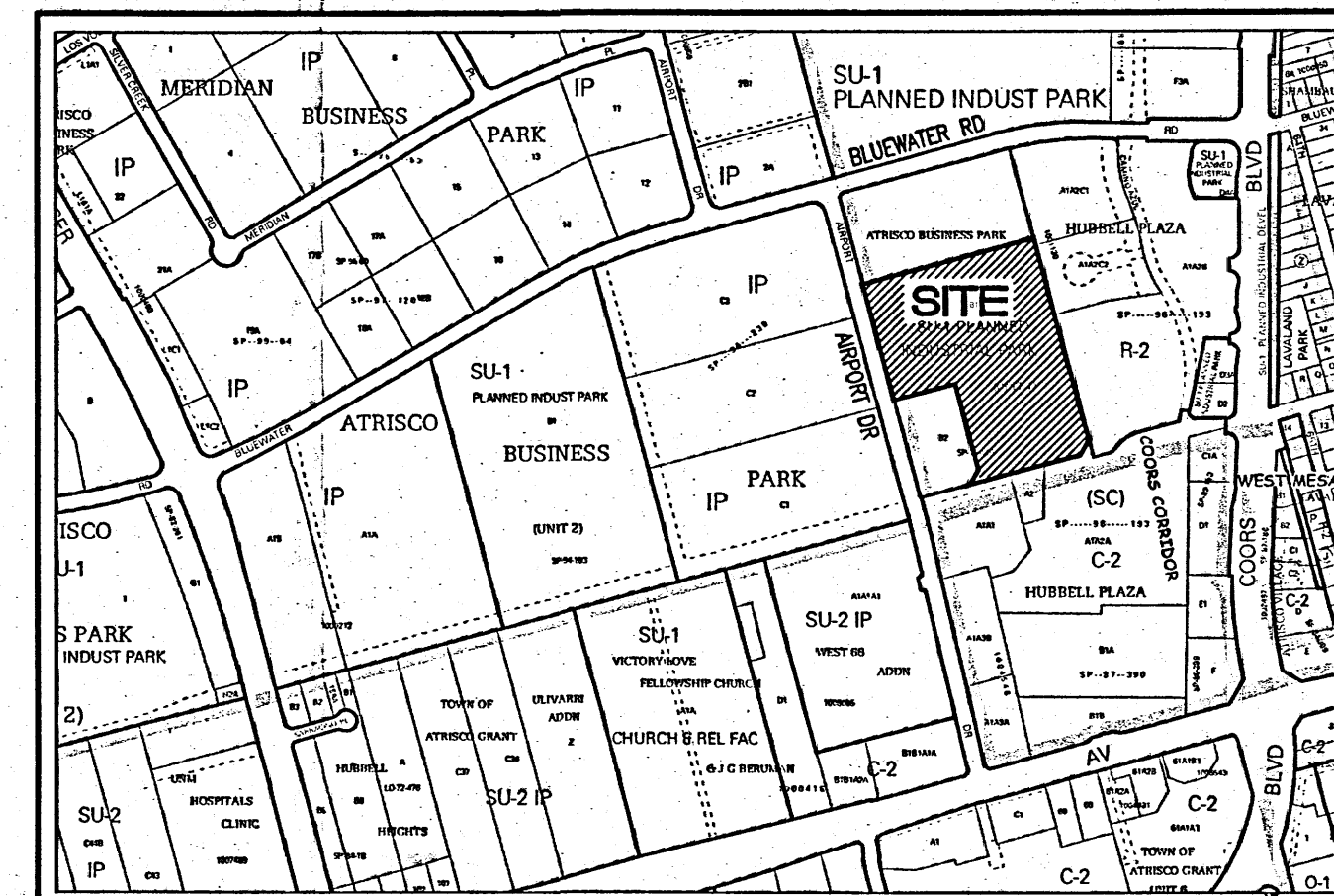


### Easement Notes

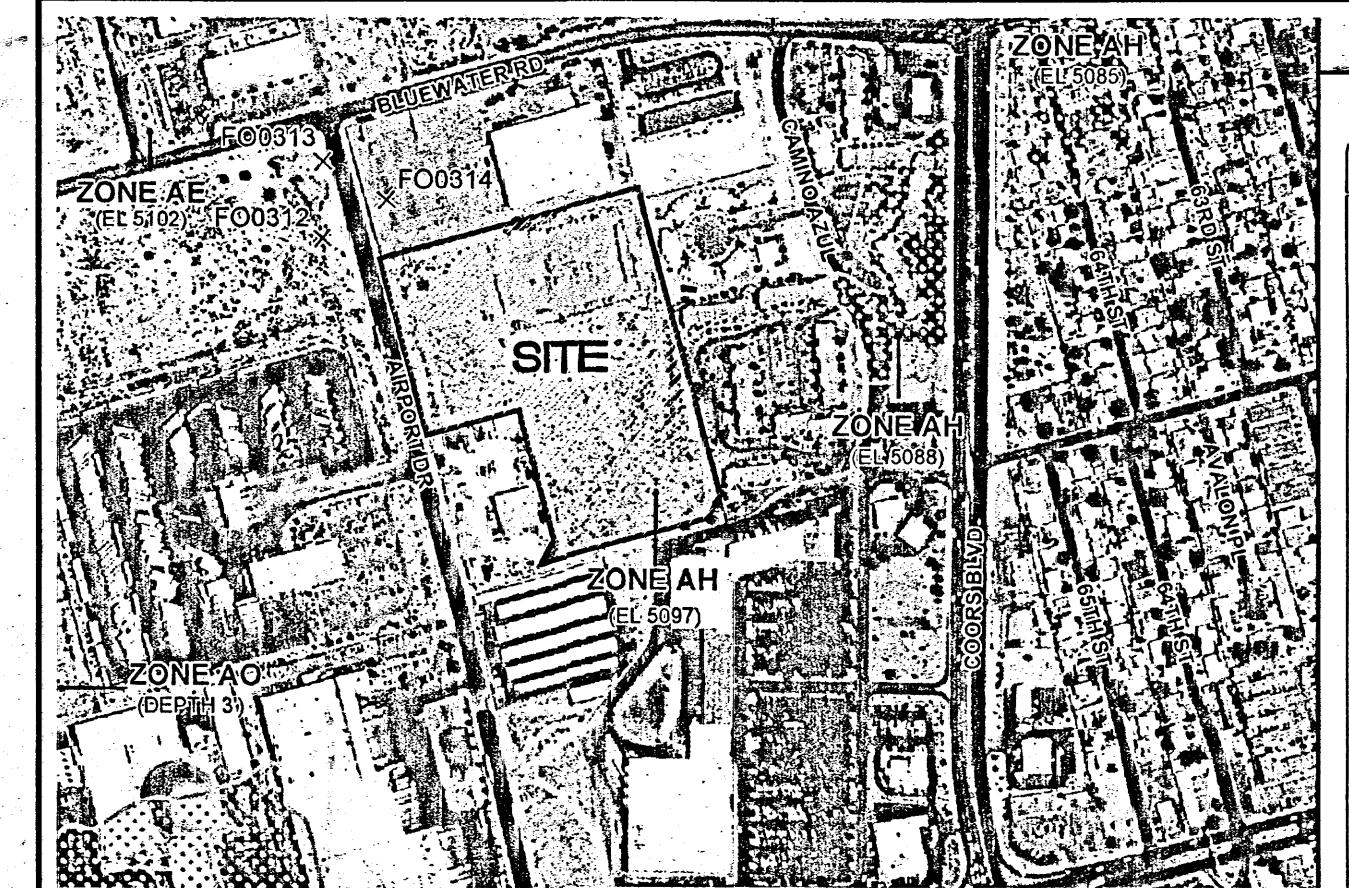
- 2 EXISTING 7' P.U.E. (B16-153, 07/06/79)
- 3 EXISTING 30' ACCESS, UTILITY & PUBLIC DRAINAGE EASEMENT (C34-166, 09/29/87)
- 5 EXISTING 5' TELEPHONE EASEMENT (MISC. 741A, PG. 615, 04/24/89)

### LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- CENTERLINE
- RIGHT-OF-WAY
- BUILDING
- SIDEWALK
- SCREEN WALL
- RETAINING WALL
- 5010 CONTOUR MAJOR
- 5011 CONTOUR MINOR
- SPOT ELEVATION
- FLOW ARROW
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- 5010 EXISTING CONTOUR MAJOR
- 5011 EXISTING CONTOUR MINOR
- 5010 EXISTING SPOT ELEVATION
- 5011 EXISTING SPOT ELEVATION



VICINITY MAP: K-10-Z



FIRM MAP: 35001C0329H

### POND VOLUME REQUIREMENTS

| Pond                        | 100 yr, 6 hr | 10 day |
|-----------------------------|--------------|--------|
| Required First Flush Volume | 0.43         | —      |
| Required Total Volume       | 2.69         | 5.38   |
| Provided Total Volume       | 6.04         | 6.04   |
| WS Elevation                | 5093         | 5095.5 |

### Onsite Pond (South Property Line)

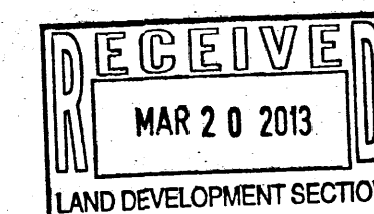
#### Stage-Storage-Discharge Table

| Elevation | Water Depth (ft) | Contour Area (sf) | Volume (cu-ft) | Volume (ac-ft) | Outlet Flow Q <sub>max</sub> (gpm) | Outlet Flow Q <sub>max</sub> (cfs) | Notes                |
|-----------|------------------|-------------------|----------------|----------------|------------------------------------|------------------------------------|----------------------|
| 5087.00   | 0                | 0                 | 0              | 0              | 0                                  | 0                                  | ← Pond bottom        |
| 5088.00   | 1                | 11,813.1          | 5,906.55       | 0.1356         | 0                                  | 0                                  |                      |
| 5089.00   | 2                | 14,392.2          | 19,009.19      | 0.4364         | 305                                | 0.680                              | ← First flush volume |
| 5090.00   | 3                | 17,984.4          | 35,197.50      | 0.8080         | 305                                | 0.680                              |                      |
| 5091.00   | 4                | 22,864.1          | 55,621.78      | 1.2769         | 305                                | 0.680                              |                      |
| 5092.00   | 5                | 28,502.2          | 84,804.93      | 1.9469         | 305                                | 0.680                              |                      |
| 5093.00   | 6                | 34,992.2          | 122,102.12     | 2.7871         | 305                                | 0.680                              |                      |
| 5094.00   | 7                | 43,876.2          | 163,586.34     | 3.7554         | 305                                | 0.680                              |                      |
| 5095.00   | 8                | 49,513.6          | 210,281.24     | 4.8274         | 305                                | 0.680                              |                      |
| 5095.25   | 8.25             | 50,997.8          | 222,845.16     | 5.1158         | 305                                | 0.680                              |                      |
| 5095.50   | 8.5              | 52,512.0          | 235,783.89     | 5.4129         | 305                                | 0.680                              | ← 10 day volume      |
| 5095.75   | 8.75             | 54,066.1          | 249,104.90     | 5.7187         | 305                                | 0.680                              |                      |
| 5096.00   | 9                | 56,282.1          | 263,179.09     | 6.0418         | 305                                | 0.680                              | ← Top of pond        |

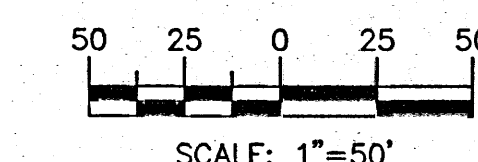
### Discharge

Constant discharge from storm water lift station - Pump requirements: 305 gpm and 22 ft of static head.

NOTE: THE ABOVE POND VOLUMES SHALL BE VERIFIED AS PART OF THE DRAINAGE CERTIFICATION AND WILL BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.



### GRAPHIC SCALE



TERRA WEST, LLC

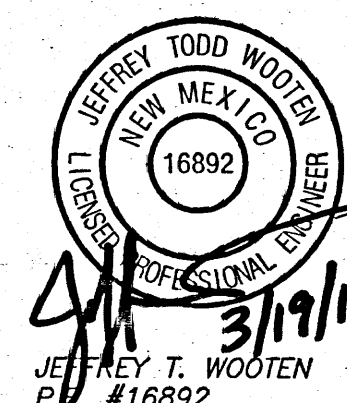
5571 MIDWAY PARK PL NE  
ALBUQUERQUE, NEW MEXICO 87109  
(505) 858-3100  
www.tierawestllc.com

Schwob Building Co.  
2349 Glenda Lane  
Dallas, TX 75229



A NEW TERMINAL FOR:  
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Final Permit Set: 03-01-13  
Plan Revisions: 03-19-13



ODFL Albuquerque, NM - ALB

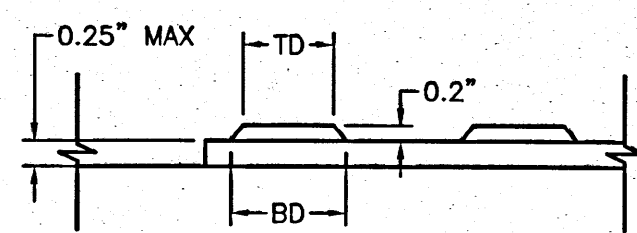
Project No. 12071.00

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Sheet Name:  
**GRADING AND  
DRAINAGE PLAN**

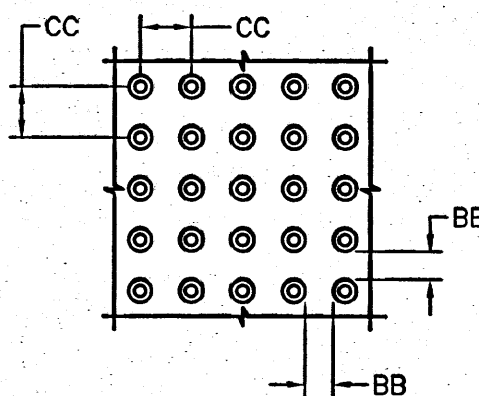
Sheet Number:

C2



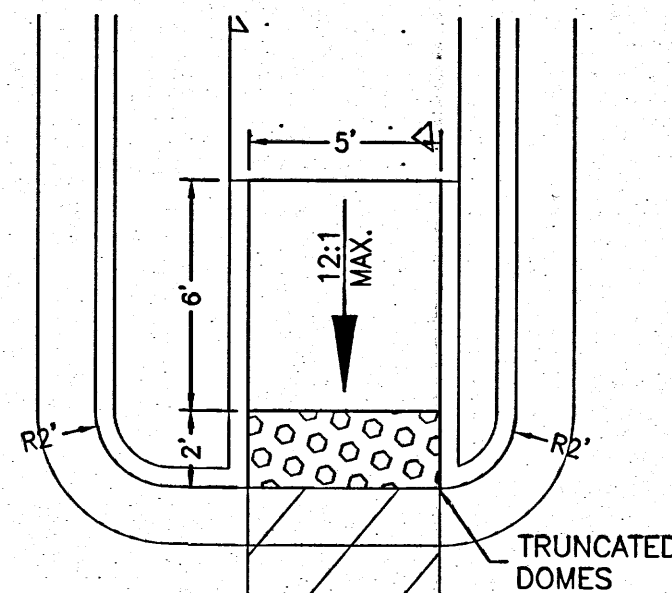
# **DOME SECTION**

BD - BASE DIAMETER 0.9\"/>



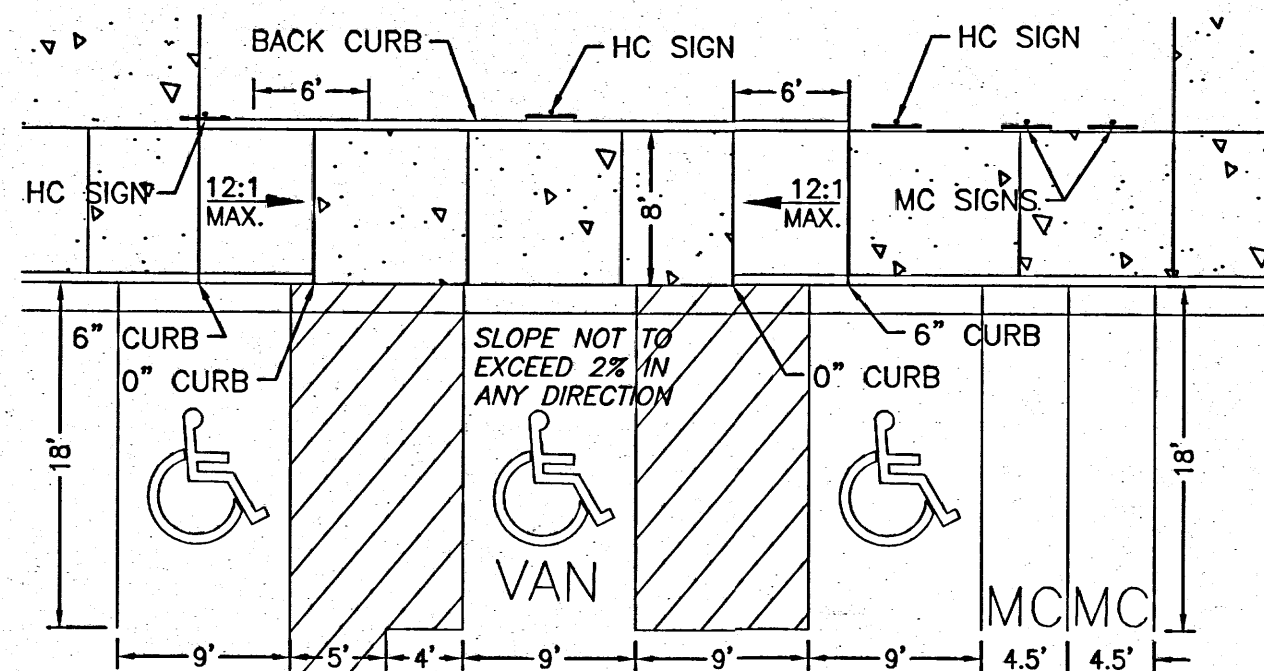
# **DOME SPACING**

CC - CENTER TO CENTER SPACING 2.35\"/>



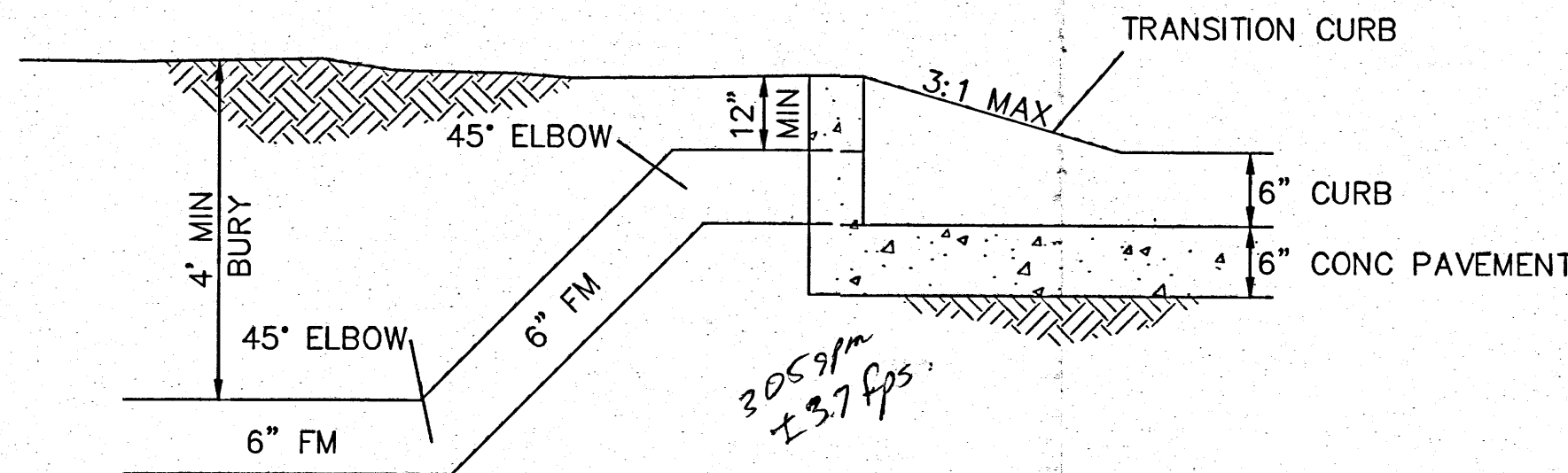
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SCALE: NTS



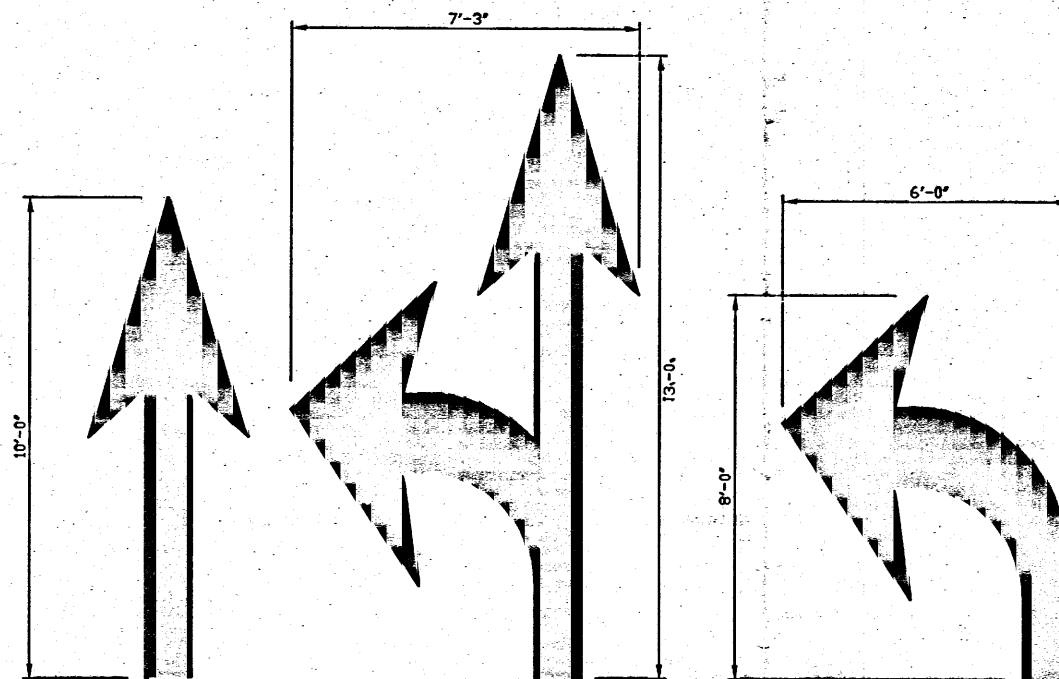
# **HC PARKING - MAIN BLDG. ENTRANCE**

SCALE: NTS



# **FORCE MAIN DISCHARGE DETAIL**

NTS



SOLID ARROW MARKINGS  
USED AT EXITS FROM THE PARKING LOT TO PUBLIC STREETS

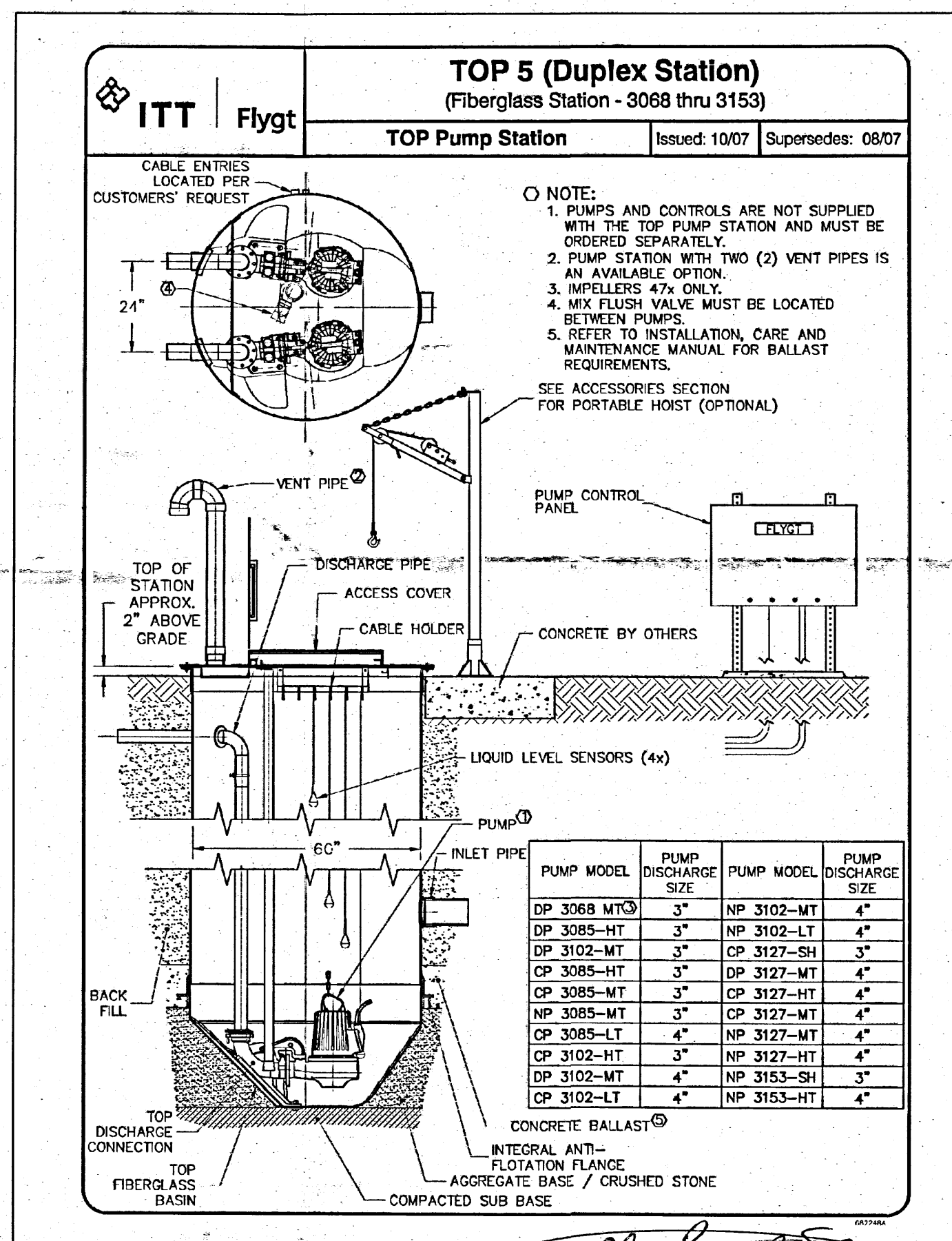
PAVEMENT MARKINGS  
N.T.S.

# **NOTES:**

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Contact Bill Curb at JCH, LLC. for pricing of Lift Station (505.344.7100). System shall include Prefab Fiberglass Wet Well, Control Panel, Pumps, and all other Appurtenances as required. See Sheet E0.1 for Electrical Service.

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# **FOR REFERENCE ONLY**

# **REVISIONS**

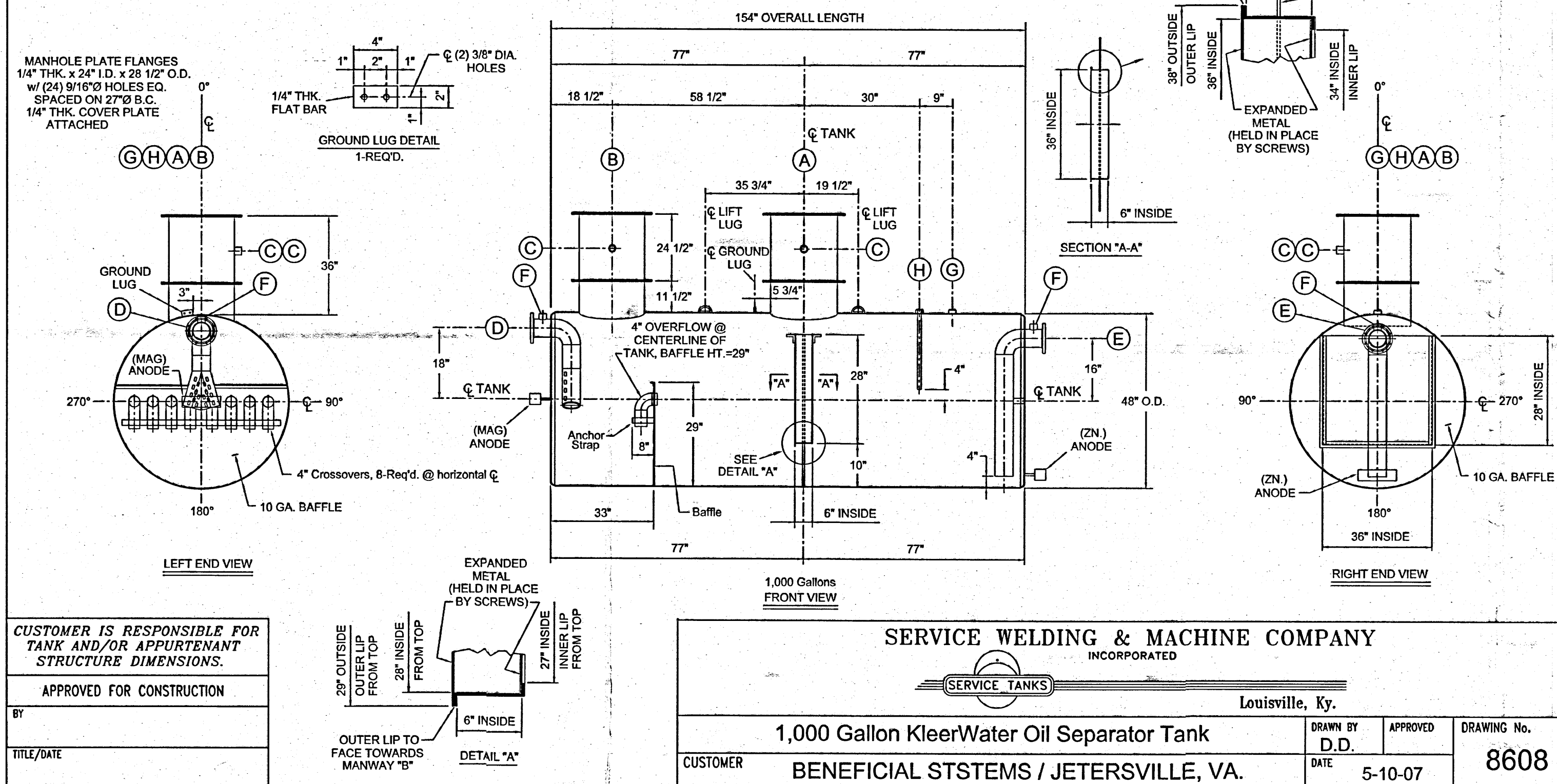
- Revised Detail; 3/19/13
- Added New Detail; 3/19/13

*Need Pump Station Plan for Certification*

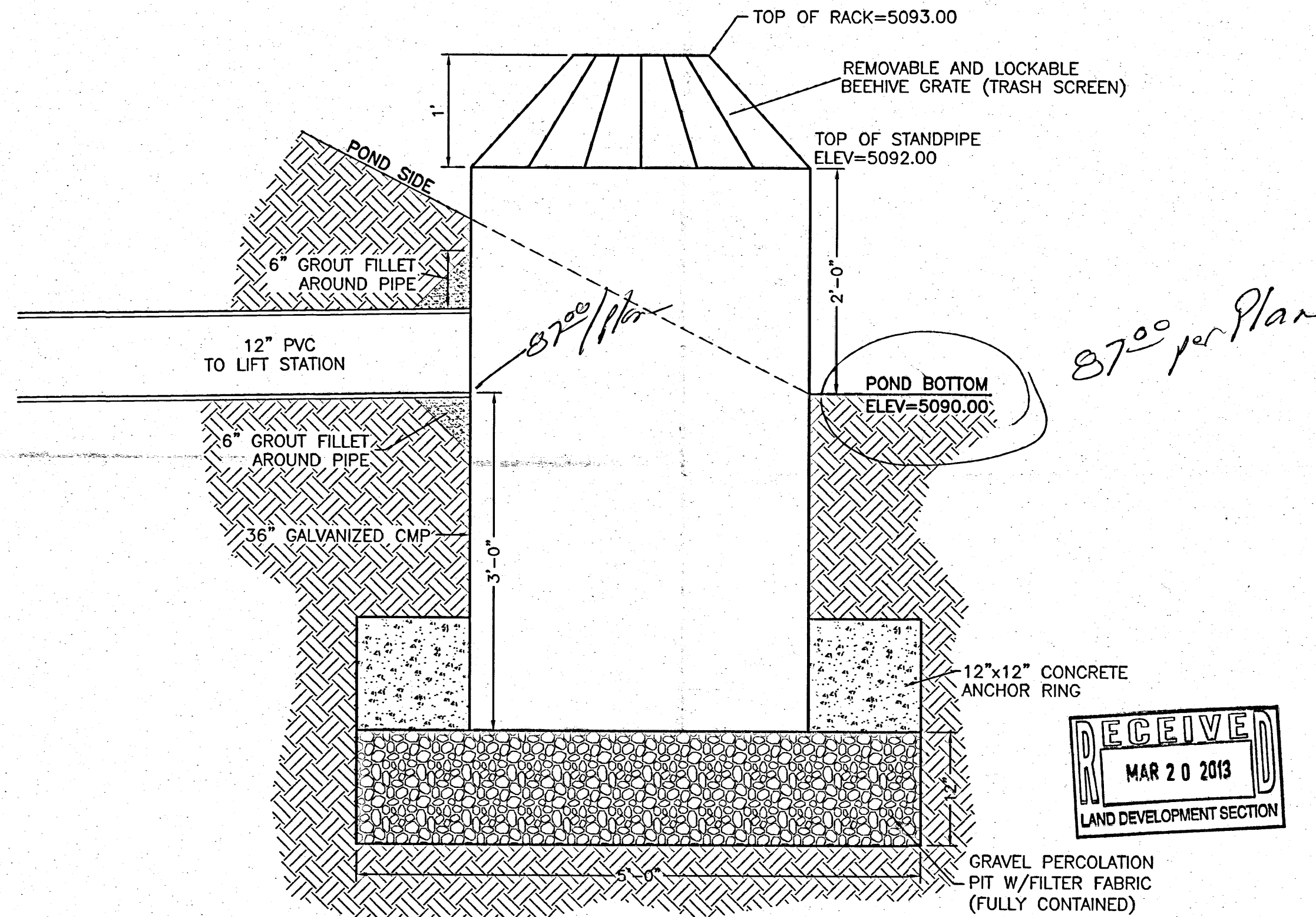
GENERAL NOTE:  
1. INTERIOR COATED TNEC #61 EPOXY.

THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH ST-PS SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.

| NOZZLE SCHEDULE |      |      |           |           |       |          |           |                               |                            |
|-----------------|------|------|-----------|-----------|-------|----------|-----------|-------------------------------|----------------------------|
| ITEM            | QTY. | SIZE | RATING    | TYPE      | MATL. | PROJ. IN | PROJ. OUT | NOZZLE DESCRIPTION            | REMARKS                    |
| A               | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 0"       | AS SHWN   | WELD LEG DIM. (NOZ. TO SHELL) | VENT                       |
| B               | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 1/4"     | AS SHWN   | INWARD                        | SLUDGE REMOVAL             |
| C               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   | OUTWARD                       | VENT                       |
| D               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   | FILLET GRV.                   | INLET                      |
| E               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   | FILLET GRV.                   | OUTLET                     |
| F               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   | FILLET GRV.                   | VENT                       |
| G               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   | FILLET GRV.                   | W/ 3/4" DIELECTRIC BUSHING |
| H               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   | FILLET GRV.                   | W/ 5/4" DIELECTRIC BUSHING |



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OUTLET STRUCTURE DETAIL  
NTS

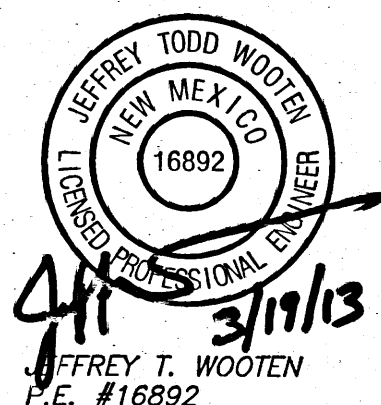
TERRA WEST, LLC  
5571 MIDWAY PARK PL NE  
ALBUQUERQUE, NEW MEXICO 87109  
(505) 858-3100  
www.tierawestllc.com

Schwob Building Co.  
2349 Glenda Lane  
Dallas, TX 75229



A NEW TERMINAL FOR:  
**OLD DOMINION FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Final Permit Set: 03-01-13  
Plan Revisions: 03-19-13



ODFL Albuquerque, NM - ALB

Project No. 12071.00

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Sheet Name:  
DETAILS

Sheet Number:

C5

**TIERRA WEST, LLC**

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www.tierrawestllc.com

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2349 Glenda Lane  
Dallas, TX 75229

---

**Schwob**  
BUILDING COMPANY, LTD

---

A NEW TERMINAL FOR:

**OLD DOMINION  
FREIGHT LINE**

330 Airport Rd NW  
Albuquerque, NM 87121

---

Issue for Permit: 03-01-13

---

JEFFREY T. WOOTEN  
P.E. #16892

---

ODFL Albuquerque, NM - ALB

Project No. 12071.00

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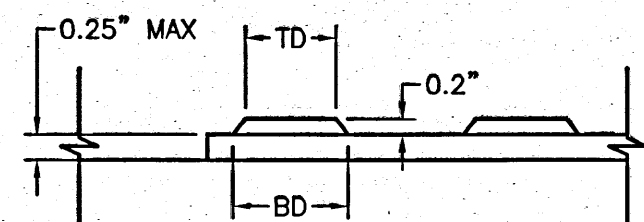
Sheet Name:

**GRADING AND  
DRAINAGE PLAN**

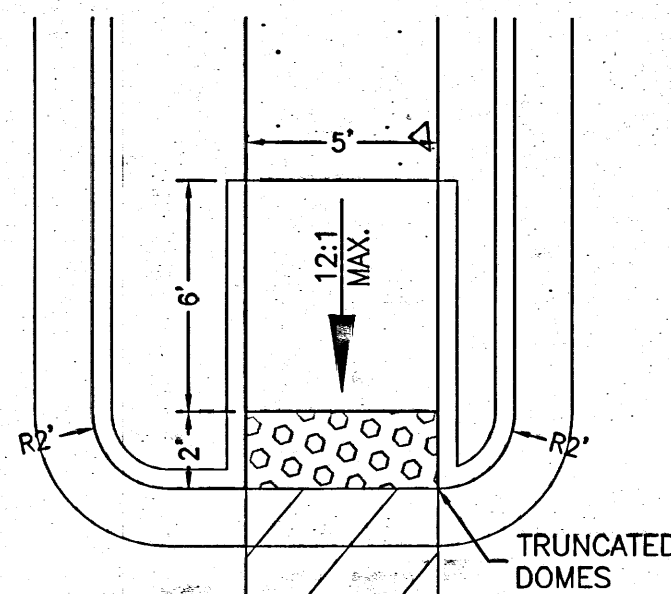
Sheet Number:

LAND DEVELOPMENT SECTION

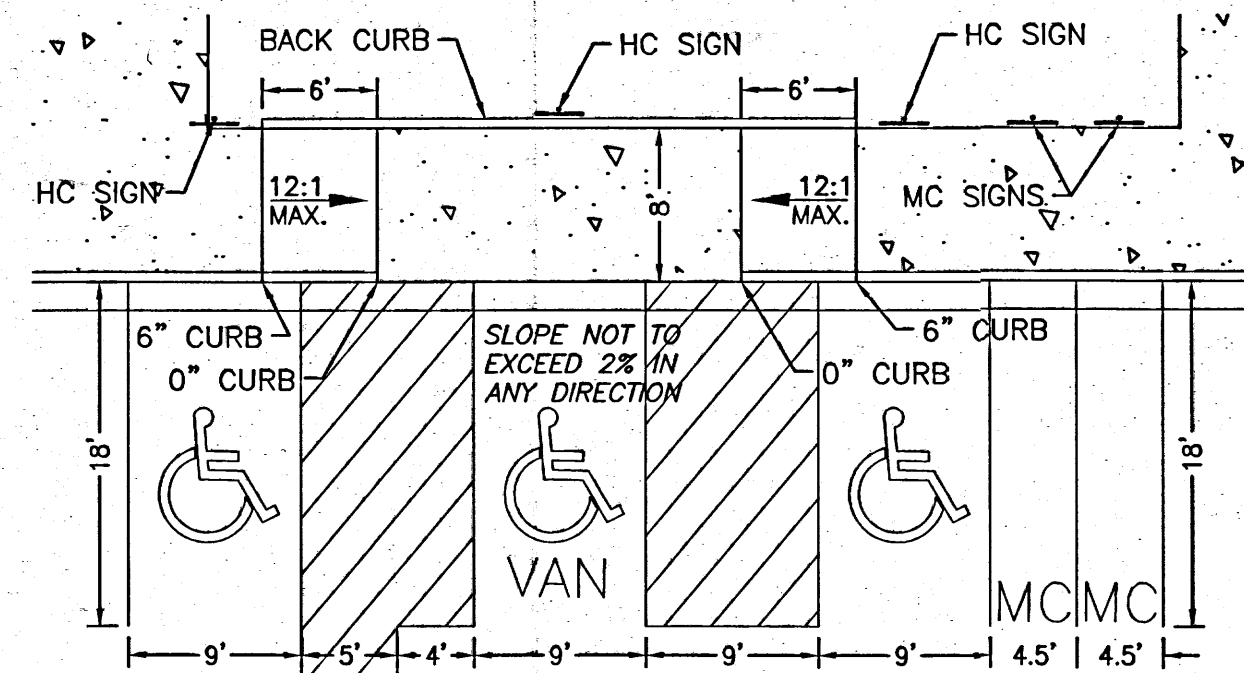
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FEB 27 2013



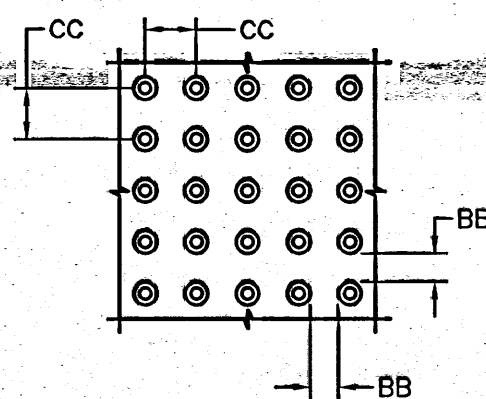
**DOME SECTION**  
BD - BASE DIAMETER 0.9\"/>



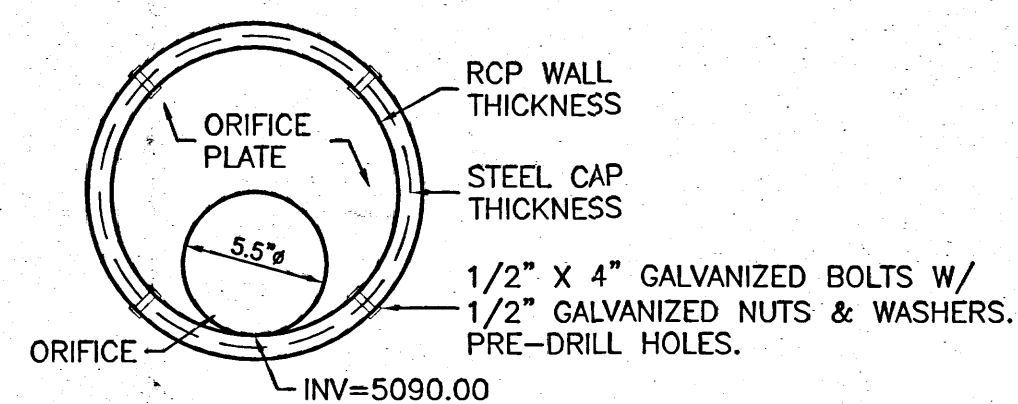
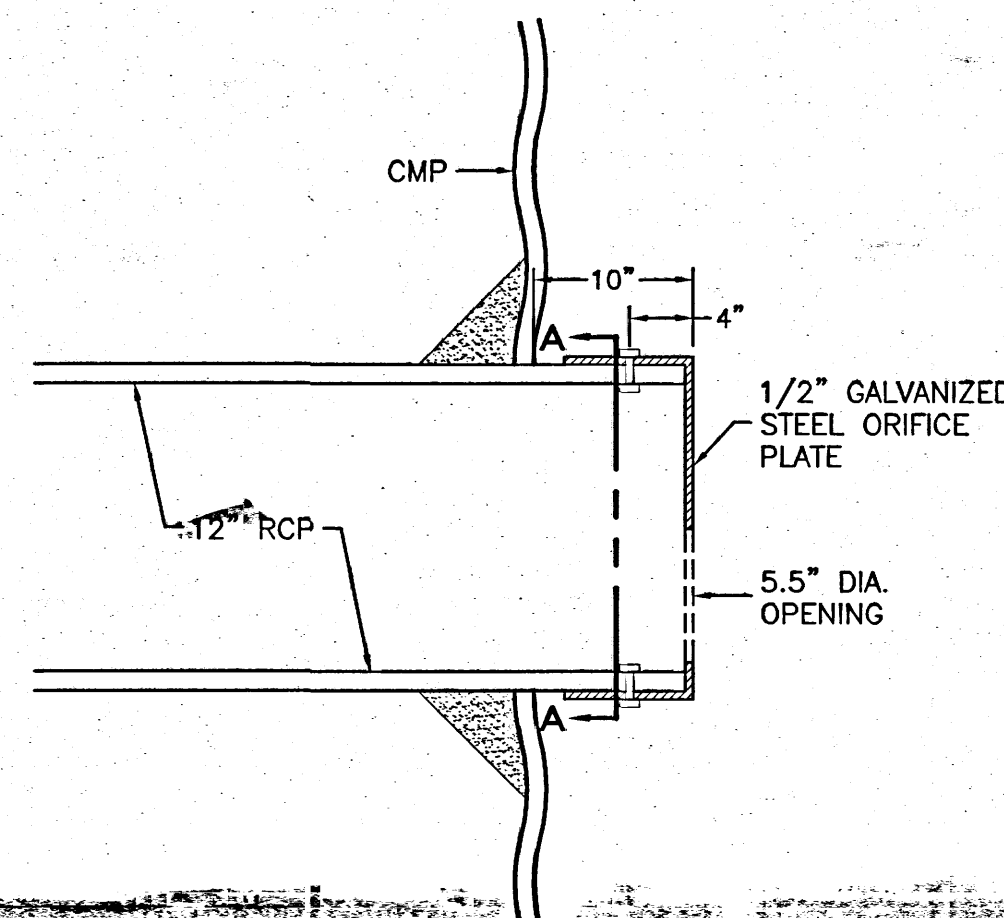
**ADA RAMP 'A'**  
SCALE: NTS



**HC PARKING MAIN BLDG. ENTRANCE**  
SCALE: NTS



**DOME SPACING**  
CC - CENTER TO CENTER SPACING 2.35\"/>

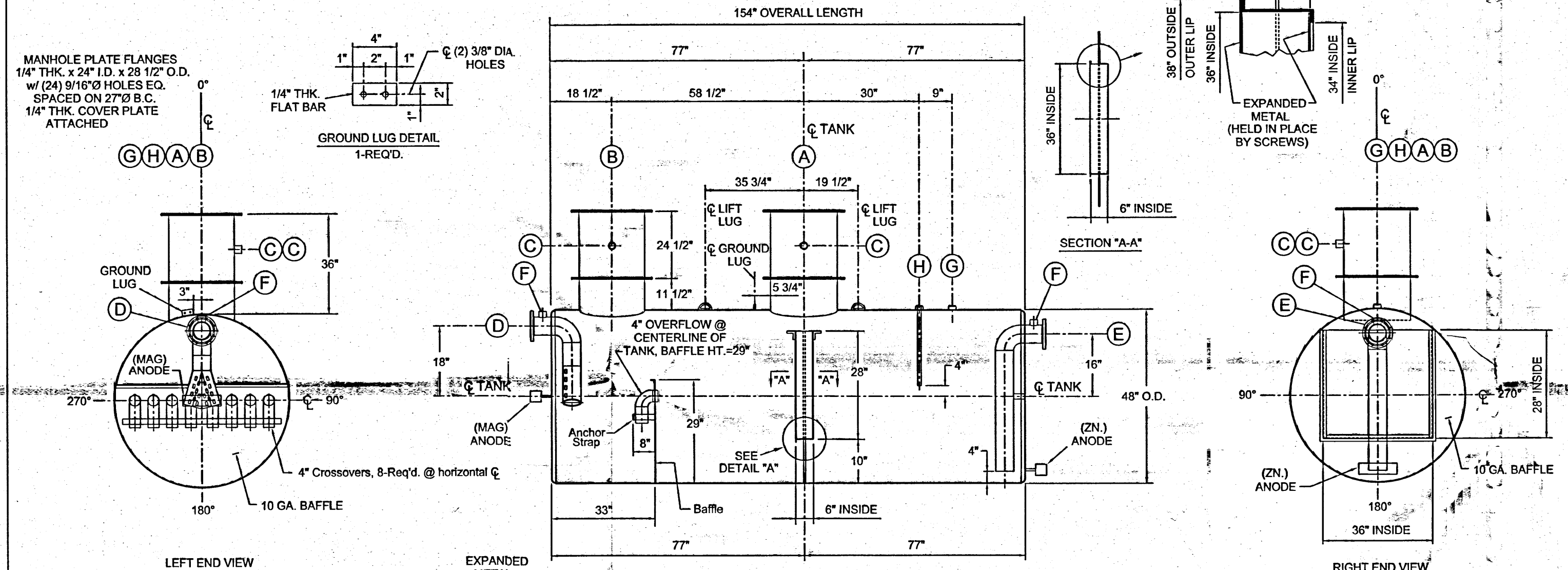


**SECTION A-A**  
NTS

**GENERAL NOTE:**  
1. INTERIOR COATED TNEDEC #61 EPOXY.

THE CORROSION CONTROL SYSTEM SHALL BE IN ACCORDANCE WITH STI-P3 SPECIFICATIONS AND SHALL HAVE THE 30 YEAR WARRANTY AGAINST CORROSION AND STRUCTURAL FAILURE. THE ATTACHED INSTALLATION INSTRUCTIONS/SPECIFIED WARRANTY ARE A PART OF THIS DRAWING.

| NOZZLE SCHEDULE |      |      |           |           |       |          |           |                    |          |           |                               |             |                             |
|-----------------|------|------|-----------|-----------|-------|----------|-----------|--------------------|----------|-----------|-------------------------------|-------------|-----------------------------|
| ITEM            | QTY. | SIZE | RATING    | TYPE      | MATL. | PROJ. IN | PROJ. OUT | NOZZLE DESCRIPTION |          |           | WELD LEG DIM. (NOZ. TO SHELL) | TYPE WLD.   | REMARKS                     |
|                 |      |      |           |           |       |          |           | WEIGHT             | WALL SZ. | SIZE O.D. |                               |             |                             |
| A               | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 0"       | AS SHWN   |                    |          |           |                               | FILLET      | VENT                        |
| B               | 1    | 24"  | PRESSED   | MANWAY    | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               | FILLET      | SLUDGE REMOVAL              |
| C               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |          |           |                               | FILLET/GRV. | W/ 3"x2" DIELECTRIC BUSHING |
| D               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               | FILLET      | INLET                       |
| E               | 1    | 6"   | 150# FLG. | S.O.R.F.  | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               | FILLET      | OUTLET                      |
| F               | 2    | 3"   | STD. NPT  | TANK FLG. | C.S.  | 0"       | AS SHWN   |                    |          |           |                               | FILLET/GRV. | W/ 3"x2" DIELECTRIC BUSHING |
| G               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               | FILLET      | W/ 5"x4" DIELECTRIC BUSHING |
| H               | 1    | 5"   | STD. NPT  | TANK FLG. | C.S.  | 1/4"     | AS SHWN   |                    |          |           |                               | FILLET      | W/ 5"x4" DIELECTRIC BUSHING |



CUSTOMER IS RESPONSIBLE FOR TANK AND/OR APPURTENANT STRUCTURE DIMENSIONS.

APPROVED FOR CONSTRUCTION

BY  
TITLE/DATE

**SERVICE WELDING & MACHINE COMPANY**  
INCORPORATED

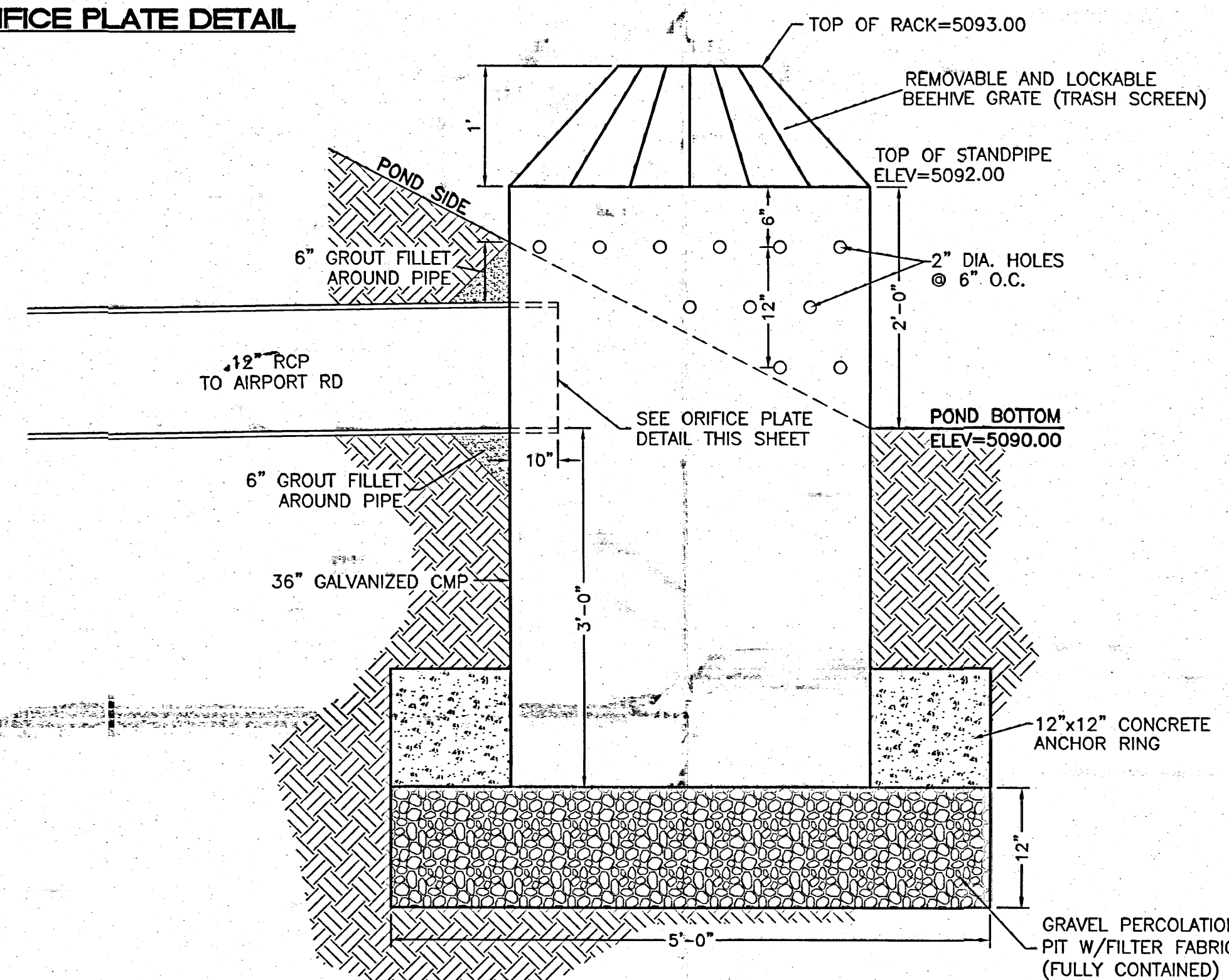
Louisville, Ky.

1,000 Gallon KleeWater Oil Separator Tank  
CUSTOMER BENEFICIAL STSTEMS / JETERSVILLE, VA.

DRAWN BY D.D.  
DATE 5-10-07

APPROVED  
DRAWING No. 8608

**ORIFICE PLATE DETAIL**  
NTS



**STAND PIPE DETAIL**  
NTS

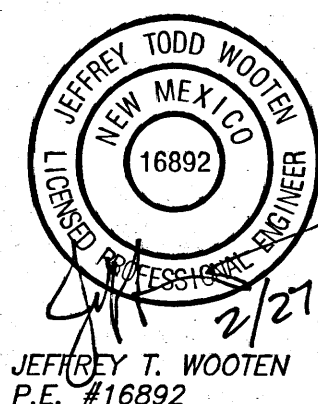
**TIERRA WEST, LLC**  
5571 MIDWAY PARK PL NE  
ALBUQUERQUE, NEW MEXICO 87109  
(505) 858-3100  
www.tierrawestllc.com

**Schwob Building Co.**  
2349 Glenda Lane  
Dallas, TX 75229



A NEW TERMINAL FOR:  
**OLD DOMINION FREIGHT LINE**  
330 Airport Rd NW  
Albuquerque, NM 87121

Issue for Permit: 03-01-13



ODFL Albuquerque, NM - ALB

Project No. 12071.00

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Sheet Name:  
**DETAILS**

Sheet Number:

