

**PROJECT DATA**

**LEGAL DESCRIPTION:**  
 TRACTS 331-B, 336, AND 337, OF THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT MAP NO. 35, WITHIN PROJECTED SECTION 12, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

**BASIS OF BEARINGS:**  
 BEARINGS SHOWN HEREON ARE TO NEW MEXICO STATE PLAN GRID, CENTRAL ZONE (NAD 1927). RECORD BEARINGS AND/OR DISTANCES ARE SHOWN IN PARENTHESIS.

**FLOOD INFORMATION:**  
 THIS PROPERTY DOES LINE IN AN AREA COVERED BY A FORMAL F.E.M.A. FLOOD STUDY. PROPERTY LIES WITHIN ZONE 'X' (500 YEAR FLOOD HAZARD) AND IS NOT SUBJECT TO 100-YEAR FLOOD HAZARDS. REFERENCE: FLOOD INSURANCE RATE MAP, ALBUQUERQUE, NEW MEXICO PANEL 360002 03331E EFFECTIVE DATE: NOVEMBER 19, 2003.

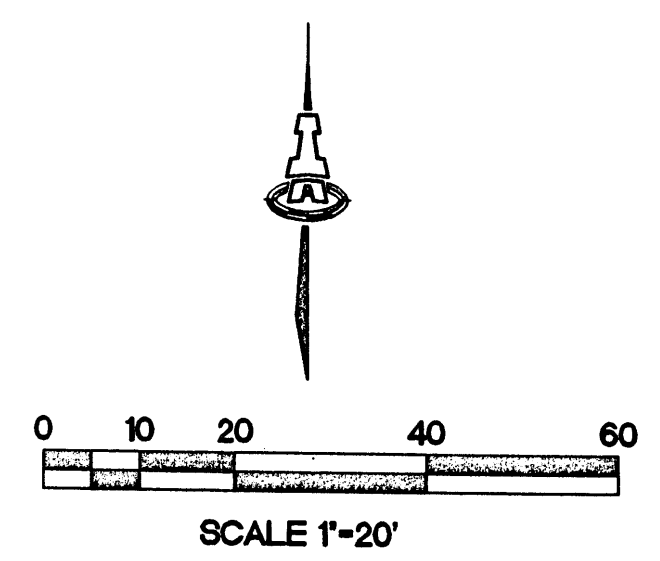
**BENCHMARK**  
 ACS STA 20-J13, 1-3/4" METALLIC DISK EPOXIED TO TOP OF CURB IN SSW RETURN ELEV. 4960.717 (NAVD 88)

**LEGEND**

- PROPOSED 1' INTERVAL CONTOUR
- PROPOSED 0.5' INTERVAL CONTOUR
- ◆ 78.3 PROPOSED SPOT ELEVATION
- FLOW ARROW
- PG = 6881.0 PAD GRADE ELEVATION
- △ P-1 POND NUMBER
- ∇ SLOPE TIE
- - - EXISTING CONTOUR
- - - EXISTING CONTOUR
- - - EXISTING FENCE
- PP EXISTING POWERLINE & POLE
- ⊙ EXISTING TREE
- ▬▬▬▬▬▬ RECOMMENDED UNDERGROUND STORM PIPE
- ▬▬▬▬▬▬ RECOMMENDED UNDERGROUND CISTERN

**STORM WATER RETENTION REQUIREMENTS**

| POND ID | CONTRIBUTING BASIN | TOTAL 100-YEAR, 10-DAY STORM VOLUME (Cu. Ft.) | REQUIRED SURFACE RETENTION (Cu. Ft.) | REQUIRED UNDERGROUND STORAGE (Cu. Ft.) |
|---------|--------------------|---|--------------------------------------|--|
| P-1     | B-1 & B-2          | 5606.00                                       | 2088.50                              | 3517.50                                |
| P-2     | B-3                | 4190.00                                       | 1486.50                              | 2703.50                                |
| P-3     | B-4                | 2146.00                                       | 0.00                                 | 2146.00                                |
| P-4     | B-5 & B-6          | 4065.00                                       | 0.00                                 | 4065.00                                |
| P-5     | B-7                | 3070.00                                       | 0.00                                 | 3070.00                                |
| P-6     | B-8                | 1119.00                                       | 402.00                               | 717.00                                 |
| P-7     | B-9                | 1575.00                                       | 1575.00                              | 0.00                                   |



**GENERAL NOTES**

- ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OF OFFSITE.
- ALL SUBGRADE, OVEREXCAVATION, AND FILL SHALL BE PLACED AND / OR COMPACTED PER THE GEOTECHNICAL REPORT AND CITY OF ALBUQUERQUE SPECIFICATIONS.
- EXCAVATION IS UNCLASSIFIED AND INCLUDES EXCAVATION TO SUBGRADE ELEVATIONS INDICATED BY GEOTECHNICAL REPORT, REGARDLESS OF CHARACTER OF MATERIALS ENCOUNTERED.
- PAD AND ROUGH GRADING ELEVATIONS SHALL CONFORM TO ELEVATIONS SHOWN ON PLANS WITHIN A TOLERANCE OF 0.2± FEET.
- FINAL GRADES SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS MATERIAL THICKNESSES.
- UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AS SHOWN ON PLAN. SMOOTH FINISHED SURFACE WITHIN SPECIFIED TOLERANCE. COMPACT WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE INDICATED.
- MAXIMUM SLOPES SHALL BE 3:1. MINIMUM SLOPES SHALL BE 1% UNLESS OTHERWISE NOTED.
- FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- OWNER WILL PROVIDE SOIL TESTING AND INSPECTION SERVICES DURING EARTHWORK OPERATIONS. CONTRACTOR SHALL ALLOW TESTING LABS TO INSPECT AND APPROVE COMPACTED SUBGRADES AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHOULD COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT THE CONTRACTOR'S SOLE EXPENSE.
- OWNER HAS ESTABLISHED SUBDIVISION BOUNDARY CORNERS. CONTRACTOR SHALL PROVIDE ALL OTHER CONSTRUCTION STAKING INCLUDING TRACT CORNERS. CONTRACTOR SHALL LOCATE AND PRESERVE ALL BOUNDARY CORNERS AND REPLACE ANY LOST OR DISTURBED CORNERS AT THE CONTRACTOR'S SOLE EXPENSE.
- OWNER WILL PROVIDE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND INSPECTION. CONTRACTOR SHALL COMPLY WITH THE BEST MANAGEMENT PRACTICES (BMP'S) AS SPECIFIED IN THE SWPPP, AND WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ENGINEER AND VERIFY THE ENGINEER'S INTENT BEFORE PROCEEDING.
- ALL NEW PAVEMENT GRADES ARE SHOWN AS 'MATCH' OR '±'. TRANSITIONS SHALL BE SMOOTH AND LEVEL. ANY NEW PAVING SURFACE HOLDING WATER (BIRDBATH) SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.
- SIDESLOPES STEEPER THAN 3:1 BUT LESS THAN 2:1 MUST HAVE PERMANENT EROSION CONTROL (FRACTURED FACE ROCK [F.F. ROCK] OR LANDLOK TRM 450 O.E.) INSTALLED, TYPICAL. NO SLOPE SHALL BE STEEPER THAN 2:1.
- ALL AREAS DISTURBED BY CONSTRUCTION (OUTSIDE PROPOSED TURF AREA) SHALL BE RESEED WITH NATIVE GRASS PER C.O.A. SPECIFICATIONS SECTION 1012 (FOR SANDY SOILS) OR AS SPECIFIED ON THE LANDSCAPE PLAN.
- POND DESIGN PARAMETERS (TOP OF POND, BOTTOM OF POND, SIZE OF ORIFICE, AREA OF POND, ETC.) TO BE STRICTLY ADHERED TO FOR CERTIFICATION PURPOSES. SEE DETAIL SHEET FOR ADDITIONAL INFORMATION.
- OWNER SHALL MAINTAIN EROSION PROTECTION ELEMENTS. OWNER SHALL INSPECT SITE YEARLY AND AFTER EACH RAINFALL TO IDENTIFY NEW AREAS OF EROSION AND INSTALL ADDITIONAL EROSION PROTECTION AS NEEDED BASED ON ACTUAL OCCURRENCES.
- SEE SITE DEMOLITION PLAN FOR ALL SITE DEMOLITION INFORMATION.

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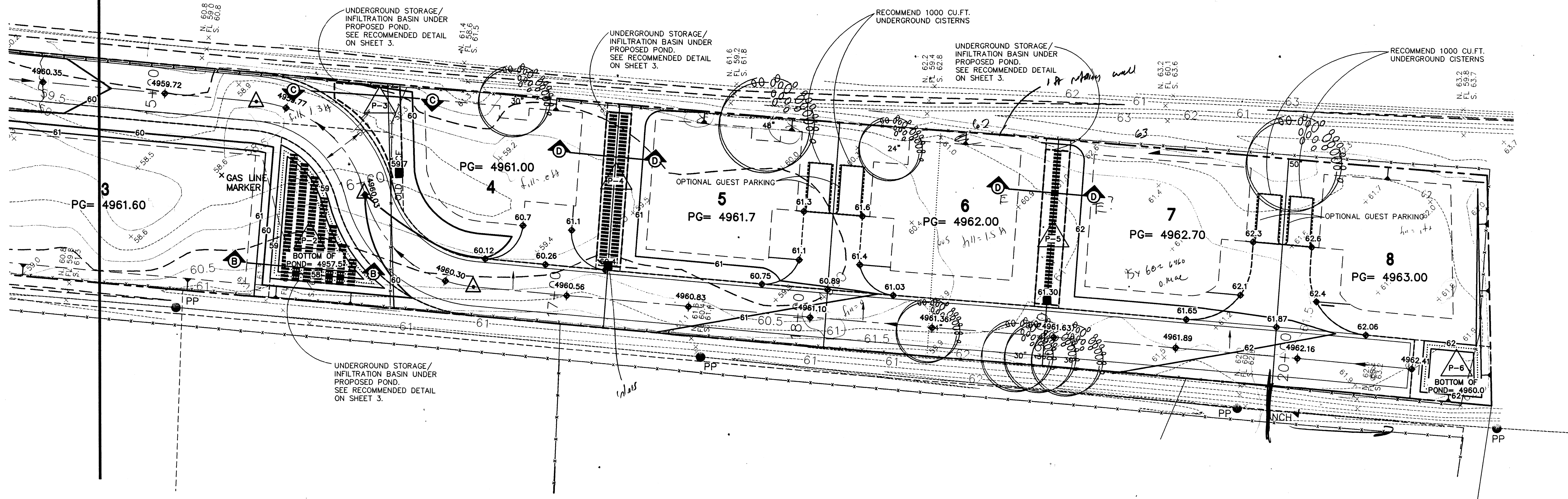
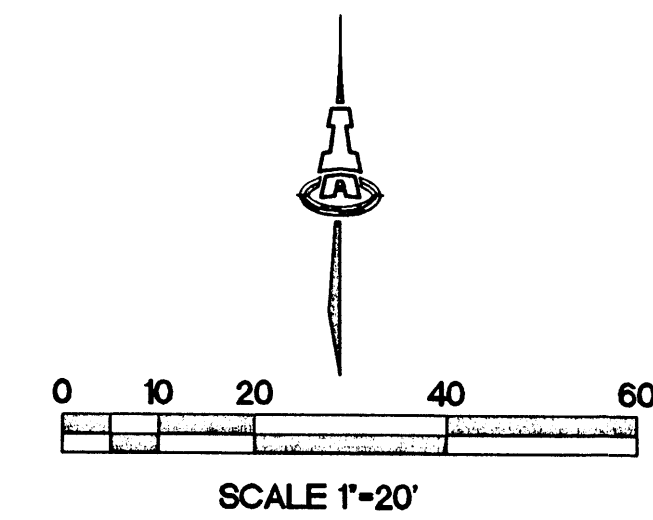
**GRADING AND DRAINAGE PLAN**

|                |                 |       |                  |
|----------------|-----------------|-------|------------------|
| Date: 07-17-08 | No. / Revision: | Date: | Job No. 1575     |
| Drawn By: DLP  |                 |       | <b>PAGE</b>      |
| Chk By: GLD    |                 |       | <b>SL 1 OF 4</b> |

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MATCHLINE  
SEE SHEET 1

*Twpr -> street grade + 1 ft*



**LEGEND**

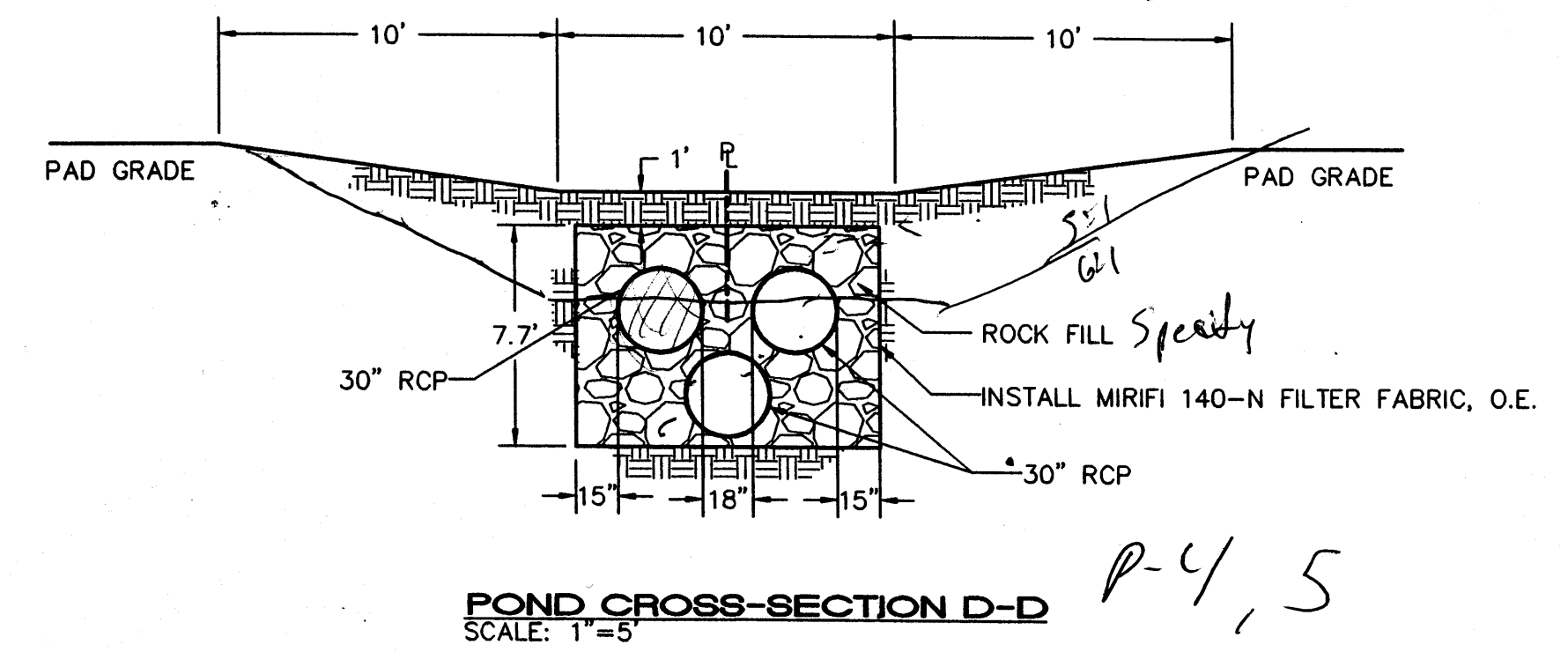
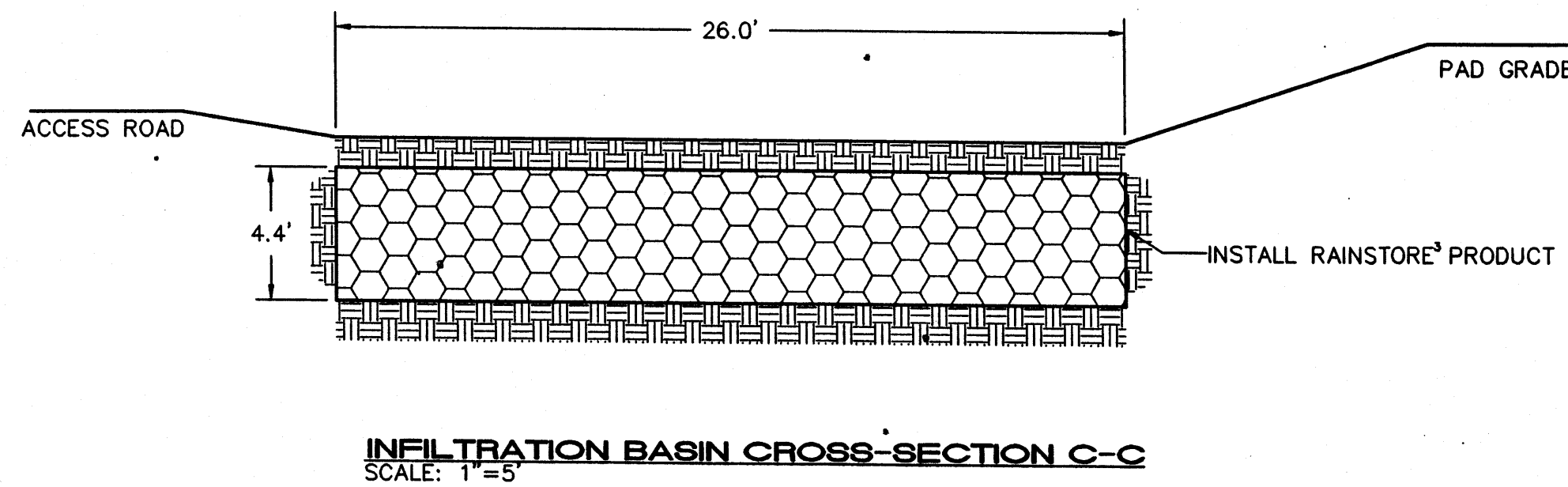
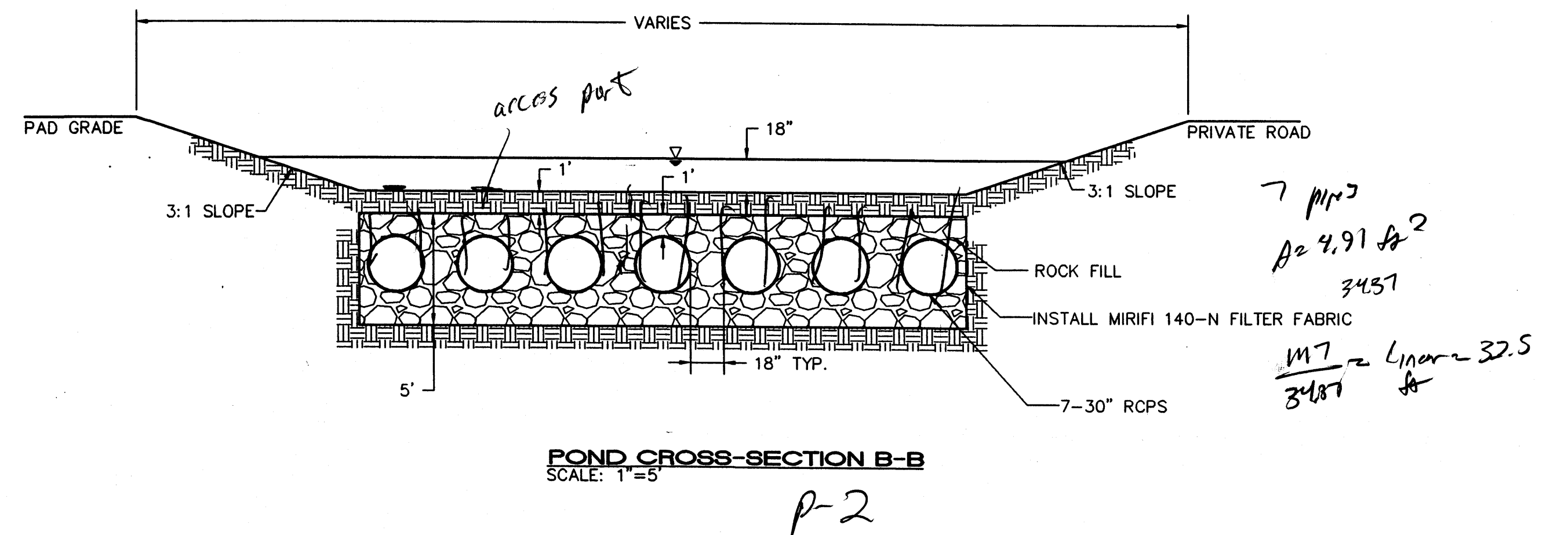
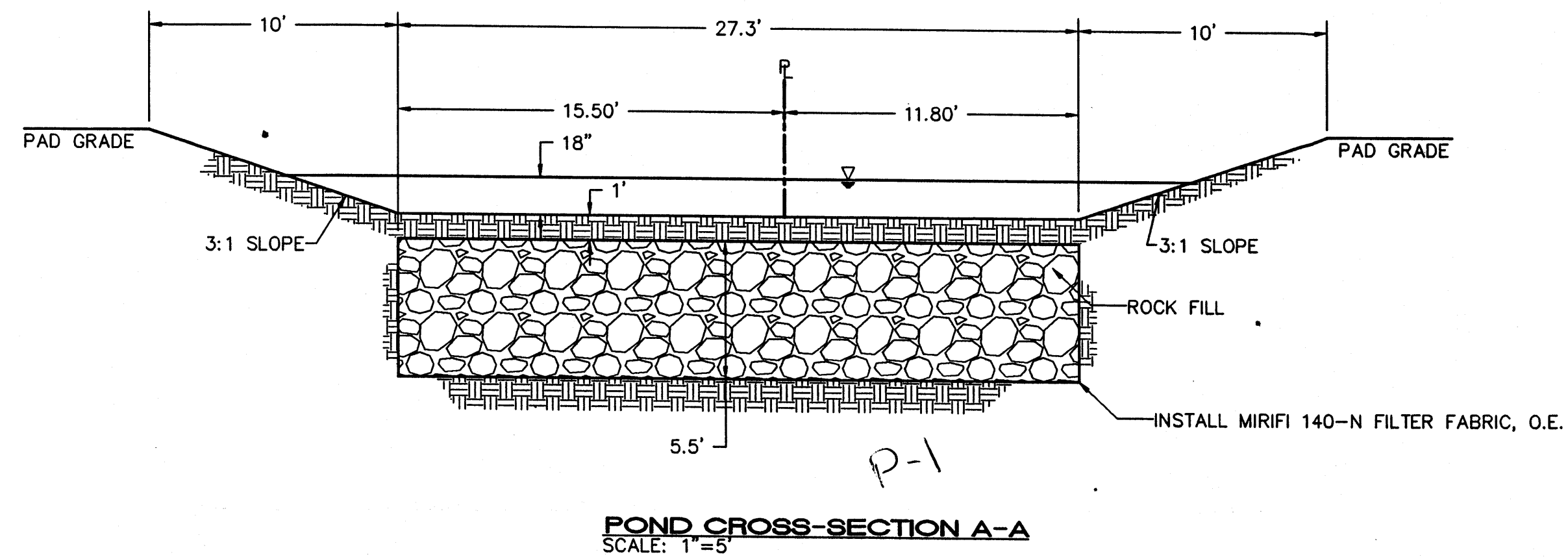
- PROPOSED 1' INTERVAL CONTOUR
- PROPOSED 0.5' INTERVAL CONTOUR
- PROPOSED SPOT ELEVATION
- FLOW ARROW
- PAD GRADE ELEVATION
- POND NUMBER
- SLOPE TIE
- EXISTING CONTOUR
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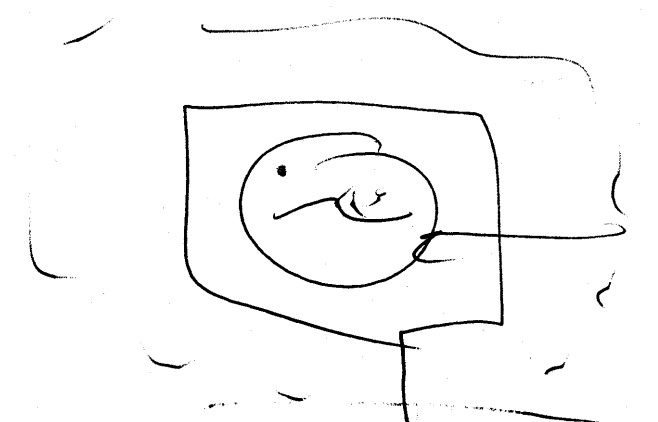
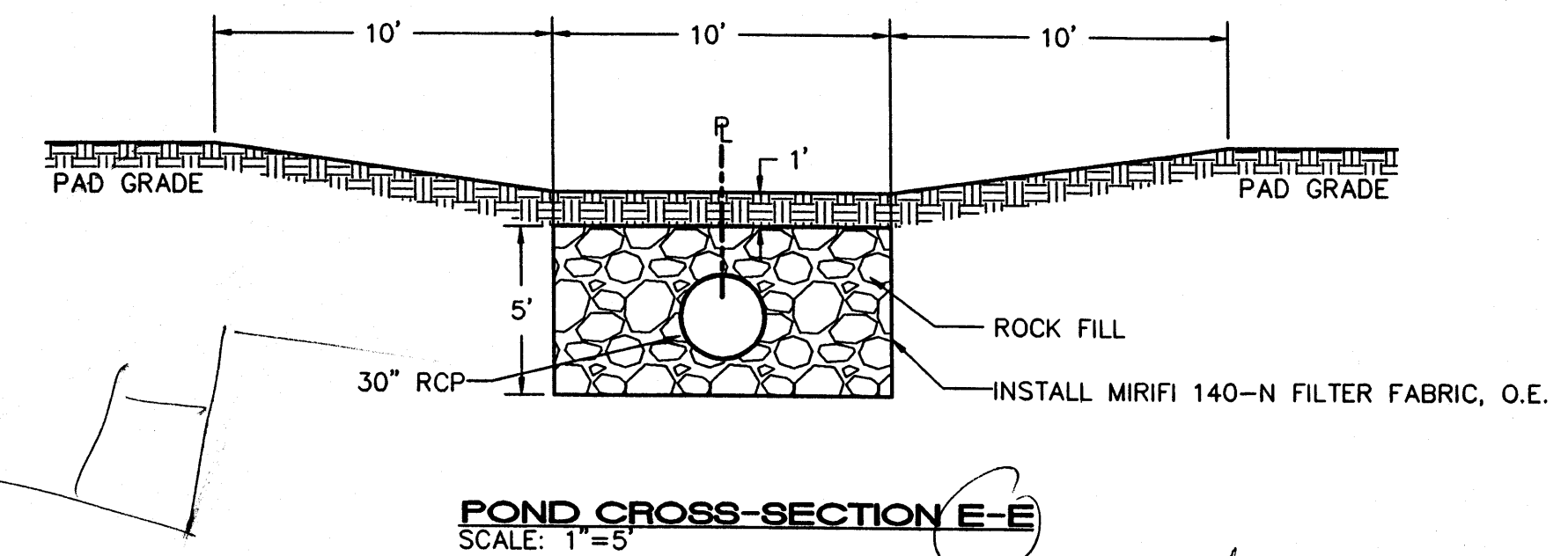
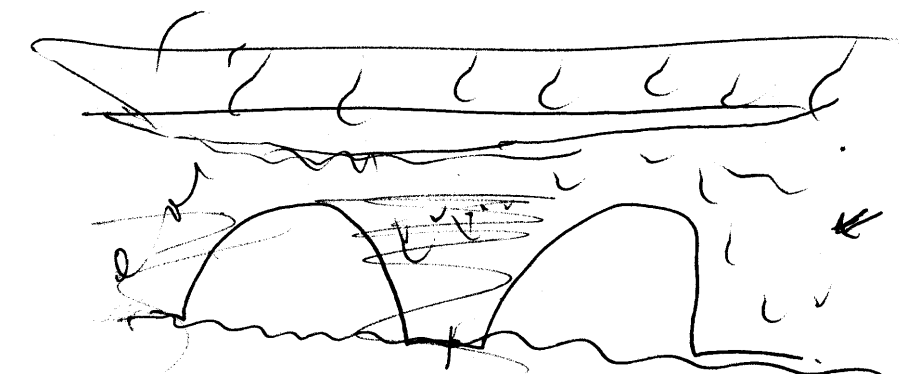
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| GRADING AND DRAINAGE PLAN |                   |
|---------------------------|-------------------|
| Date: 07-17-08            | Job No. 1575      |
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| Chk By: GLD               | <b>SH. 2 OF 4</b> |



*P-3  
maintenance*



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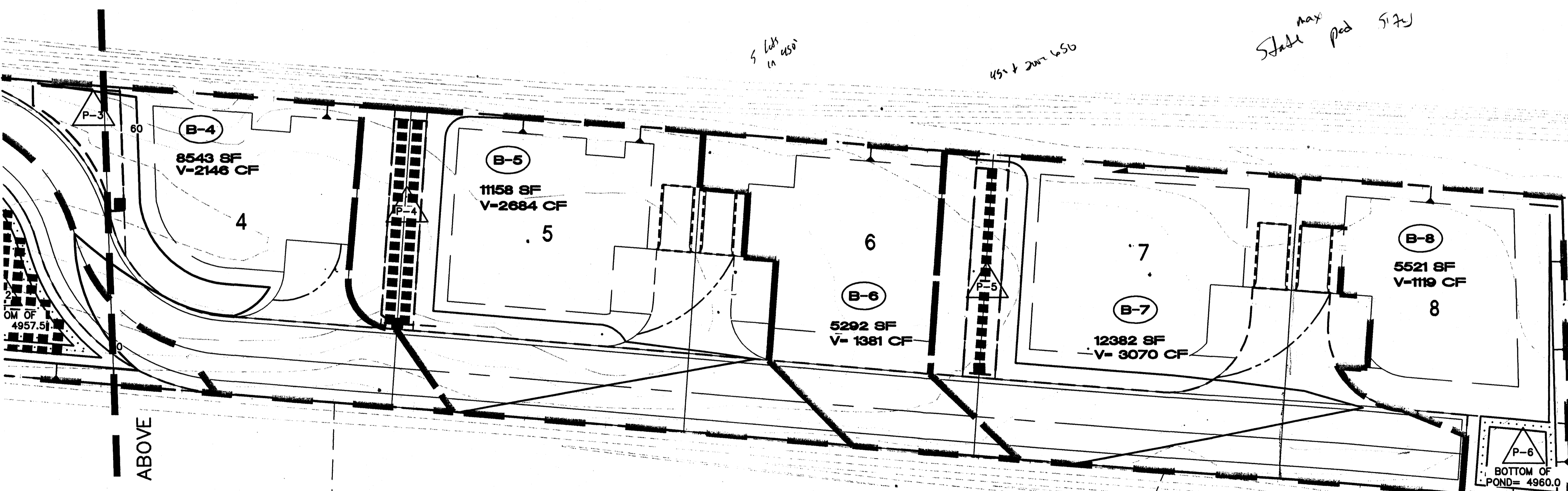
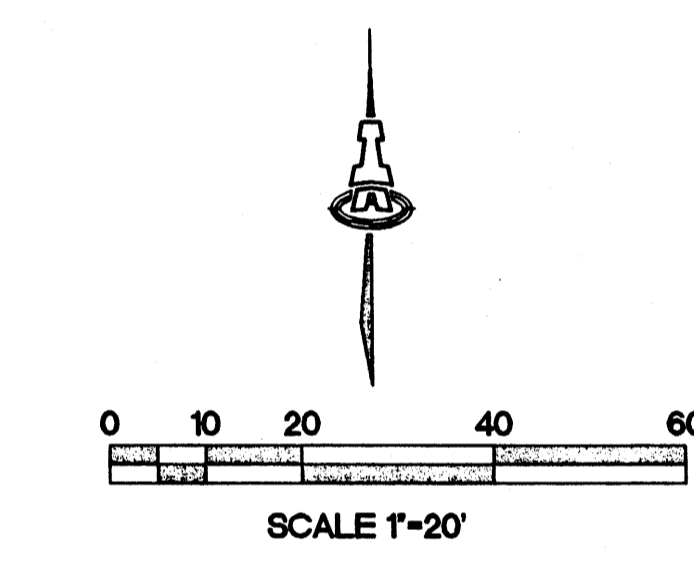
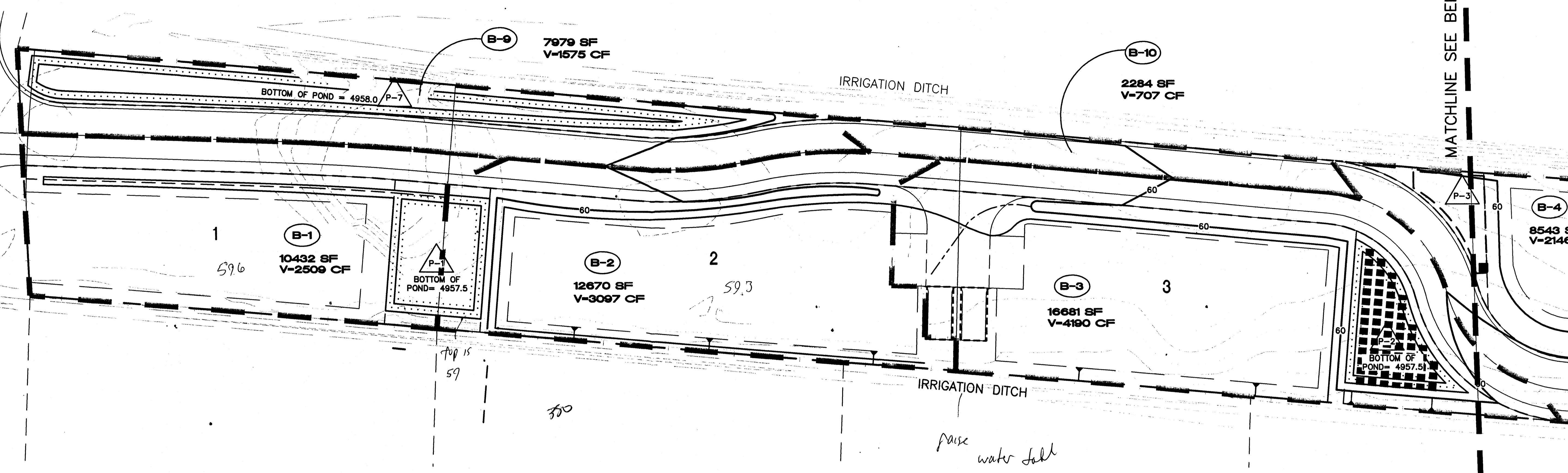
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| <b>RECOMMENDED DETAILS</b>  |               |       |                  |
| Date:                       | No. Revision: | Date: | Job No. 1575     |
| 10-15-08                    |               |       |                  |
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| DLP                         |               |       |                  |
| Ckd By:                     |               |       | <b>SH 3 OF 4</b> |
| GLD                         |               |       |                  |

GABALDON ROAD, NW

MATCHLINE SEE BELOW



MATCHLINE SEE ABOVE

| LEGEND |  |
|--------|--|
|        | DRAINAGE BASIN                           |
|        | BASIN ID                                 |
|        | LOT NUMBER                               |
|        | RECOMMENDED UNDERGROUND CISTERN LOCATION |
|        | RECOMMENDED STORM DRAIN PIPE             |

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|----------|----------|------|---------|------------|--|
| No.      | Revision | Date | Job No. | 1575       |  |
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 HYDROLOGY SECTION

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