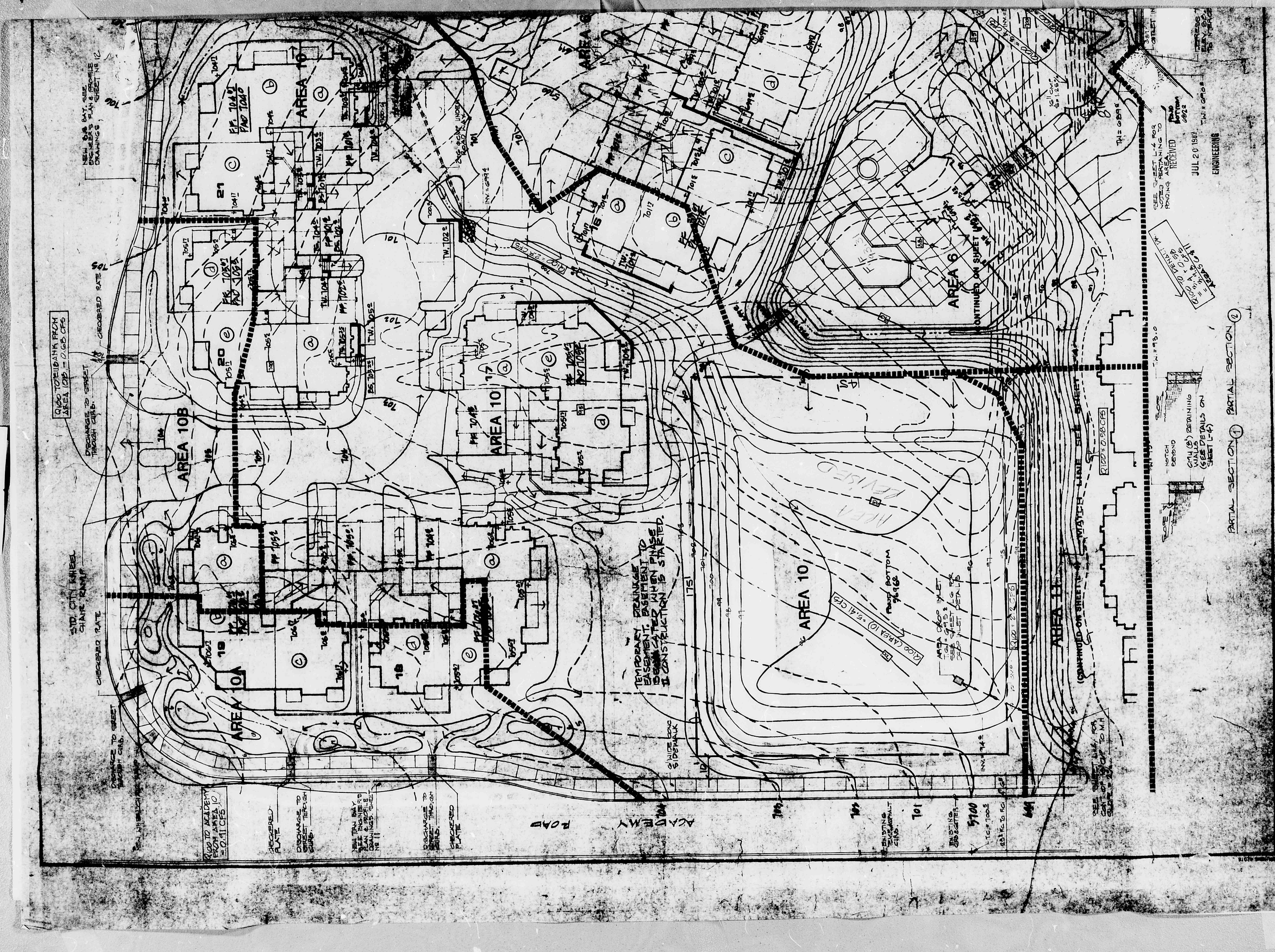
HYDROLOGY

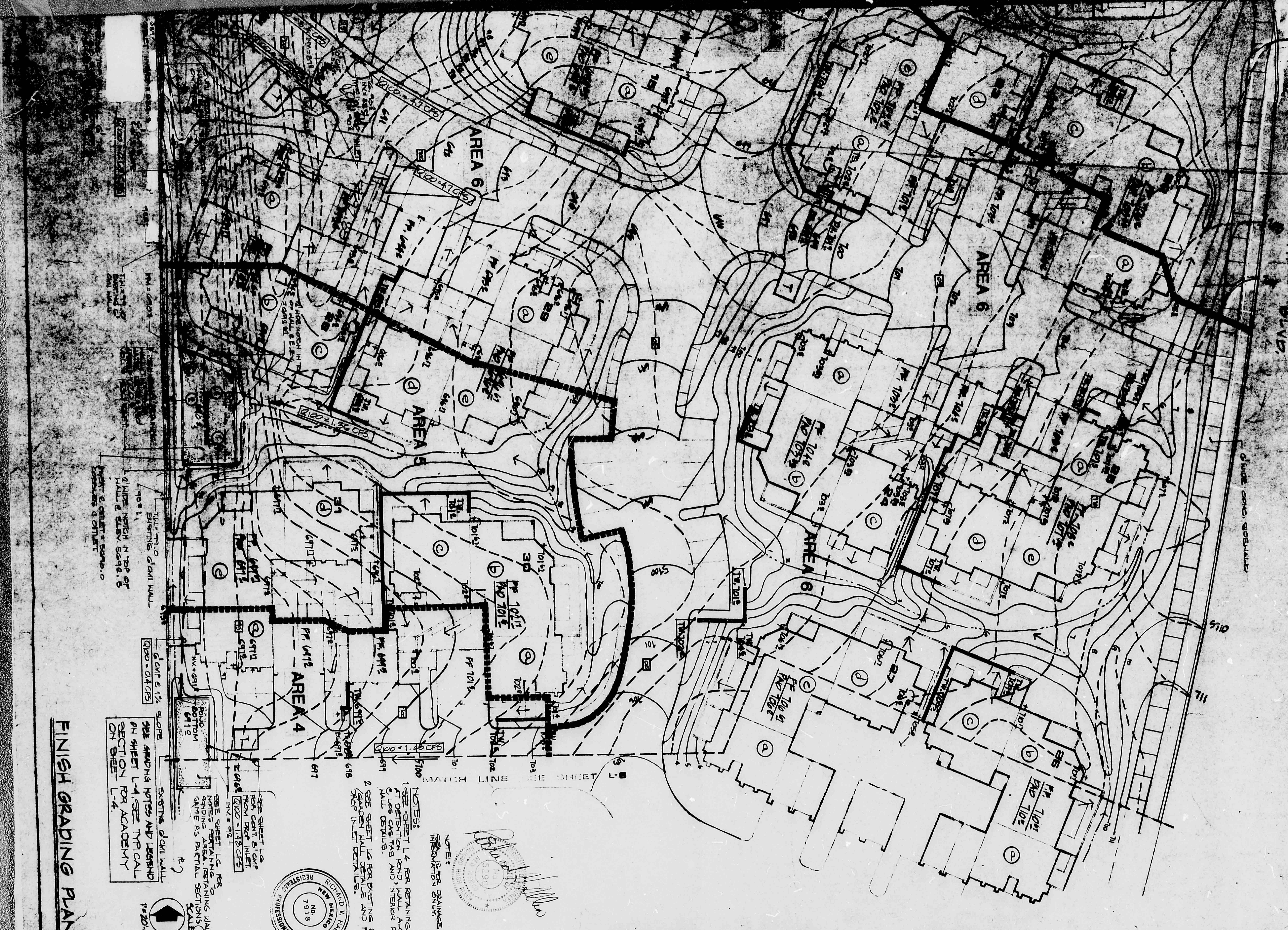
E21/D20
4 PLANS

E21/D20

4 Plans

PLAN SHOT IN TWO SECTIONS.





NOTES:
1. SEE SHEET L4 FOR RETAINING WALLS AT DETENTION POND, WALL ALONG R.R. @ LOS CASITAS AND INTERIOR RETAINING WALL DETAILS.
2. SEE SHEET L6 FOR EXISTING RETAINING /GARDEN WALL DETAILS AND FOR DROP INLET DETAILS.

NOTE:
SEAL IS FOR DRAINAGE REPORT INFORMATION ONLY.

SEE SHEET L6 FOR CONT. 8" CMP FROM DROP INLET.
Q100 = 1.48 CFS
INV. = 92±

SEE SHEET L6 FOR NOTES PERTAINING TO PONDING AREA. RETAINING WALLS SAME AS PARTIAL SECTIONS ① & ②

EXISTING G/CMU WALL

SEE GRADING NOTES AND LEGEND ON SHEET L-4. SEE TYPICAL SECTION FOR ACADEMY ON SHEET L-4.

SCALE
1"=20'-0"

RICHARD V. HALL
NEW MEXICO
No. 7918
REGISTERED PROFESSIONAL ENGINEER

HUGH ALLEN
No. 5299

FINISH GRADING PLAN

ACADEMY SQUARE

ANTHONY M. GUZZARDO AND ASSOCIATES, INC.
LANDSCAPE ARCHITECTS LAND PLANNERS
836 MONTGOMERY ST. SAN FRANCISCO CALIFORNIA 94133 (415) 433-4672

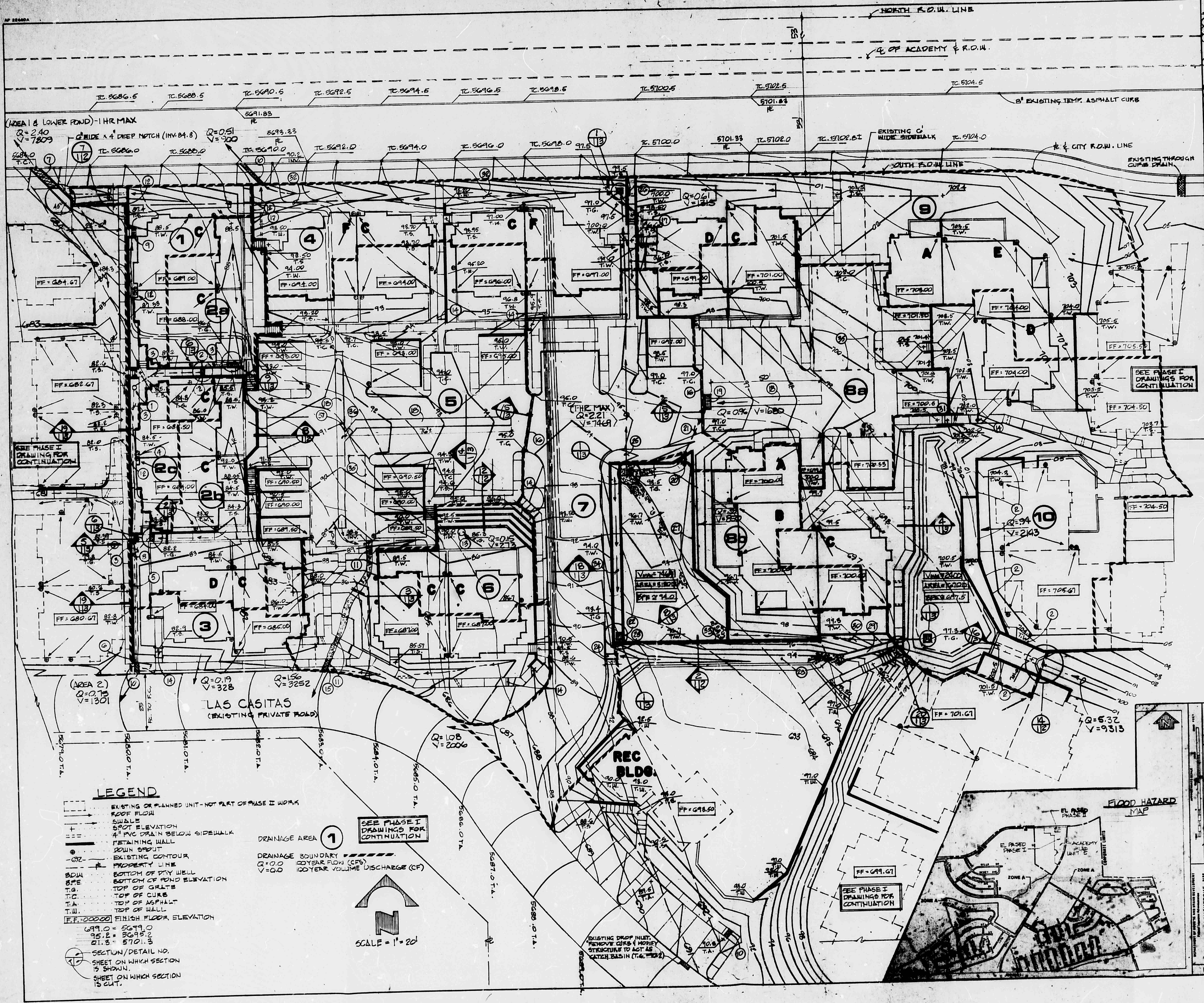
Thompson Architectural Group, Inc
1177 W. Shaw Avenue Fresno, California 93711 (209) 225-3282

Project Number
Date 2-25-81
Scale

No. Issue/Revision

L-5

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT



LEGEND

- EXISTING OR PLANNED UNIT - NOT PART OF PHASE II WORK
- ROOF FLOW
- SWALE
- + SPOT ELEVATION
- 4" PVC DRAIN BELOW SIDEWALK
- RETAINING WALL
- ⊕ DOWN SPOUT
- -692- EXISTING CONTOUR
- ℄ PROPERTY LINE

B.D.W. BOTTOM OF DRY WELL
B.P.E. BOTTOM OF POND ELEVATION
T.G. TOP OF GRATE
T.C. TOP OF CURB
T.A. TOP OF ASPHALT
T.W. TOP OF WALL
F.F.=000.00 FINISH FLOOR ELEVATION

699.0 = 5699.0
95.2 = 5695.2
01.3 = 5701.3

SECTION/DETAIL NO.
SHEET ON WHICH SECTION IS SHOWN.
SHEET ON WHICH SECTION IS CUT.

DRAINAGE AREA ①

DRAINAGE BOUNDARY
Q=0.0 100YEAR FLOW (CFS)
V=0.0 100YEAR VOLUME DISCHARGE (CF)

SCALE = 1" = 20'

KEYED NOTES

① 4" Φ CLEANOUT SET TO GRADE.
② 6" WIDE x 4" DEEP NOTCH IN WALL.
③ 4" Φ TRANSITE PIPE, CLASS 2400, "SMALL DIAMETER SEWER PIPE" AS MANUFAC'D BY JOHNS-MANVILLE.
④ CONNECT ROOF LEADERS TO 4" Φ TRANSITE. INSTALL CLEANOUT UPSTREAM OF CONNECTION.
⑤ 6" Φ TRANSITE - SAME AS ③ SLOPE = 1.8%
⑥ DAYLIGHT 6" TRANSITE AT ELEV 80.5.
⑦ 22" WIDE S.W. CULVERT W/ STEEL ℄ TOP. SEE CITY STD. DWG. # K-16.
⑧ 6" Φ CLEANOUT, INV. SET @ 81.42.
⑨ 4" Φ PVC DRAIN BELOW STAIRS. SLOPE @ 1/4"/FT. MIN.
⑩ 12" WIDE S.W. CULVERT W/ STEEL ℄ TOP. SEE CITY STD. DWG. # K-16.
⑪ 24" WIDE S.W. CULVERT W/ STEEL ℄ TOP. SEE CITY STD. DWG # K-16.
⑫ 8" STEP IN WALL.
⑬ 4' Φ x 6' DEEP DRY WELL - SEE SECTION 5/13
⑭ 1 - 7.5" RISER. SEE DETAIL 17/13
⑮ PROVIDE NOTCH IN SIDE OF CULVERT. TO PICK UP SWALE WATER.
⑯ SPEED BUMP/WATER BARRIER.
⑰ CONNECT 4" Φ PVC TO ROOF LEADER AND ROUTE BELOW STAIRS. RUN TO DAYLIGHT AT 1/4"/FT. MIN.
⑱ CONC. GUTTER. SEE TYP. ROAD SECTION ON SHEET 3 FOR DETAILS
⑲ CONSTRUCT DOUBLE "D" CATCH BASIN PER CITY STD. DWG. # K-6-1. T.G. = 96.20. INV. @ 8" Φ P.V.C. OUTLET PIPE = 94.60.
⑳ 10 S.F. OF 2"+ DURABLE ROCK, 6" THICK AT END OF PIPE FOR EROSION PROTECTION
㉑ 8" Φ SCHEDULE 40 P.V.C. SEE SECTION 13/13
㉒ 4'-0" WIDE x 0.3' DEEP NOTCH IN WALL. TOTAL OF 3 REQUIRED AT 20' O.C. CENTER LAST NOTCH ABOVE FIELD INLET AT SOUTH END OF POND.
㉓ 3 - 6" Φ PVC PIPE. INV. AT FIELD INLET = 90.60. TIE TO CULVERT @ ELEV. 89.80.
㉔ 24" CONC. CULVERT. BUILD TO CITY STD. TOP ℄ NOT REQUIRED. DEPRESS CURB AT OUTLET.
㉕ 12" Φ CLASS III R.C.C.P., WALL TYPE 'B' (ASTM C76-78) INV. AT FIELD INLET = 92.3. S = .005.
㉖ 8" Φ CMP. INV. ON EAST = 97.0. INVERT AT FIELD INLET = 96.0.
㉗ INSTALL 4 NOTCHES IN THIS WALL (6" WIDE x 4" DEEP) EQUALLY SPACED TO ALLOW WATER TO DRAIN FROM AREA ABOVE
㉘ 2" + COBBLE EROSION PROTECTION SIMILAR TO SECTION 8/13, 3' WIDE
㉙ CONC. RUNDOWN. SEE SECTION 11/13
㉚ 12" Φ CLASS III R.C.C.P., WALL TYPE 'B' (ASTM C76-78) INV. AT FIELD INLET = 94.94. INV. AT OUTLET = 94.20. S = .008
㉛ 6" Φ CMP INV. AT INLET = 701.0, OUTLET INV. = 700.0
㉜ 12" Φ R.C.C.P. CLASS III, WALL TYPE B (ASTM C76-78). INV. AT FIELD INLET = 91.50. INV. AT OUTLET = 85.5.
㉝ INSTALL 3' CHAINLINK FENCE ON TOP OF POND WALL. TOP OF FENCE TO BE AT ELEV. 99.70±. SEE SECTION 2/12.
㉞ GRADE PLANTING AREA TO DRAIN TO FIELD DROP INLET.
㉟ CITY OF ALBUQUERQUE SEWER/WATER EASEMENT.
㊱ WARP CONC. GUTTER AT POINT OF INTERSECTION.
㊲ MANHOLE LOCATED IN CONCRETE GUTTER W/ T.G. SET LEVEL. SEE UTILITY DRW'GS FOR DTL.

NOTE:
SEE SHEET 2 FOR DRAINAGE GENERAL NOTES.

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

BM: LOCATED AT THE INTERSECTION OF R/W LINES OF ACADEMY RD. (NORTH) AND CONCORDIA RD. (EAST). TOP OF BRASS CAP ELEV. = 5598.55

BM: LOCATED 479.30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBD. TOP OF BRASS CAP ELEV. = 5660.42.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS INC. DATE MARCH 10, 1982
DRAWN BY J. S. DATE
CHECKED BY R. H. A. DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO - PHASE II
SITE GRADING/DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO.
MAP NO.
SHEET 1 OF 3

CITY OF ALBUQUERQUE
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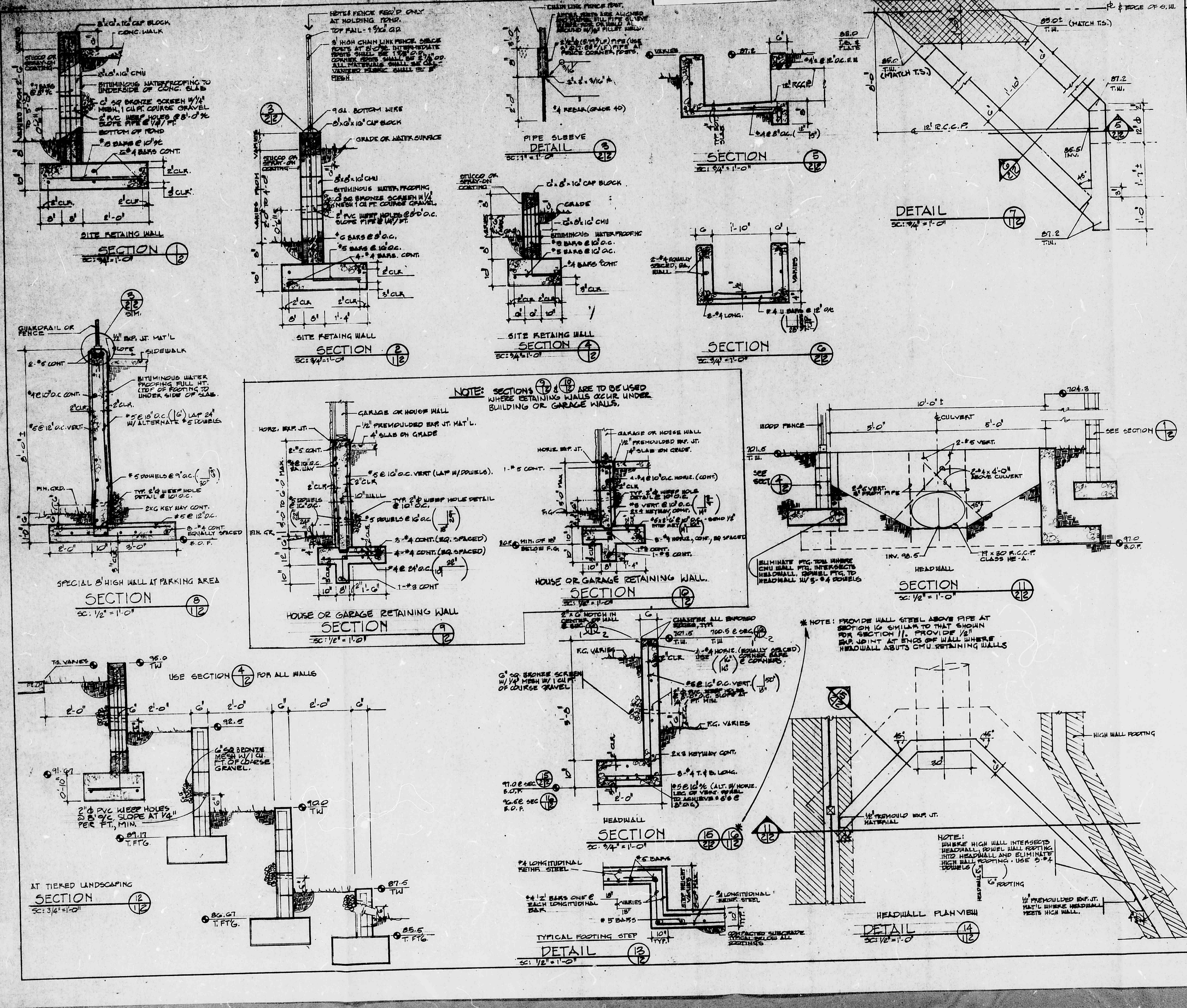
ORIGINAL DOCUMENT


SITE RETAINING WALL
SECTION 1/2 SC: 3/4"=1'-0"
SITE RETAING WALL
SECTION 2/12 SC: 3/4"=1'-0"
PIPE SLEEVE
DETAIL 3/2 SC: 1"=1'-0"
SITE RETAING WALL
SECTION 4/2 SC: 3/4"=1'-0"
SECTION 5/2 SC: 3/4"=1'-0"
SECTION 6/2 SC: 3/4"=1'-0"
DETAIL 7/2 SC: 3/4"=1'-0"
SPECIAL 8' HIGH WALL AT PARKING AREA
SECTION 8/12 SC: 1/2"=1'-0"
NOTE: SECTIONS 9/12 & 10/12 ARE TO BE USED WHERE RETAINING WALLS OCCUR UNDER BUILDING OR GARAGE WALLS.
HOUSE OR GARAGE RETAINING WALL
SECTION 9/2 SC: 1/2"=1'-0"
HOUSE OR GARAGE RETAINING WALL.
SECTION 10/2 SC: 1/2"=1'-0"
ELIMINATE FTG. TOE WHERE CMU WALL FTG. INTERSECTS HEADWALL, DOWEL FTG. TO HEADWALL W/ 3-#4 DOWELS
HEADWALL
SECTION 11/22 SC: 1/2"=1'-0"
USE SECTION 4/12 FOR ALL WALLS
AT TIERED LANDSCAPING
SECTION 12/12 SC: 3/4"=1'-0"
TYPICAL FOOTING STEP
DETAIL 13/12 SC: 1/2"=1'-0"
HEADWALL
SECTION 15/22 16/12 SC: 3/4"=1'-0"
* NOTE: PROVIDE WALL STEEL ABOVE PIPE AT SECTION 16 SIMILAR TO THAT SHOWN FOR SECTION 11. PROVIDE 1/2" EXP. JOINT AT ENDS OF WALL WHERE HEADWALL ABUTS CMU RETAINING WALLS
NOTE: WHERE HIGH WALL INTERSECTS HEADWALL, DOWEL WALL FOOTING INTO HEADWALL AND ELIMINATE HIGH WALL FOOTING. USE 3-#4 DOWELS
1/2" PREMOULD EXP. JT. MATERIAL
HIGH WALL FOOTING
1/2" PREMOULDED EXP. JT. MAT'L WHERE HEADWALL MEETS HIGH WALL.
HEADWALL PLAN VIEW
DETAIL 14/12 SC: 1/2"=1'-0"

GENERAL NOTES:

1. FINISH FLOOR ELEVATIONS (F.F.) ARE PRESENTED AS MEAN SEA LEVEL ELEVATIONS.
2. MAXIMUM SLOPE ON LANDSCAPED AREAS TO BE 3:1.
3. SEE SHEET 3 FOR TYPICAL ROADWAY SECTION & CURB AND GUTTER SECTION.
4. MATERIALS FOR DRAINAGE FACILITIES AND THEIR INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE N.M. STANDARD SPECS. FOR PUBLIC WORKS CONSTRUCTION AND THE CITY OF ALBUQUERQUE CASH PAVING NO. 30 DOCUMENTS UNLESS OTHERWISE NOTED ON THE DRAWINGS. CONTACT THE ENGINEER BEFORE PROCEEDING SHOULD CONFLICTS ARISE BETWEEN THE REFERENCED STANDARDS.
5. RUBBER GASKETED COMPRESSION JOINTS SHALL BE USED ON ALL CONCRETE PIPE. GASKETS SHALL BE FABRICATED IN ACCORDANCE WITH ASTM C443.

NOTES FOR RETAINING WALLS:

1. FOOTING & WALL CONC.: fc = 3000 PSI.
2. GROUT ALL CMU CELLS SOLID. GROUT STRENGTH = 2500 PSI.
3. PROVIDE TRUSS TYPE JOINT REINFOR. IN ALTERNATE COURSES, ALL WIRE TO BE 9 GA. GALVANIZED.
4. REINFOR. STEEL: GRADE 60 PROVIDE CORNER BARS (#4 @ 24") IN FOOTING FOR LONGITUDINAL STEEL AT FOOTING INTERSECTIONS.
5. SCARIFY & RECOMPACT UPPER 6" OF SOIL AT BOTTOM OF FOOTING ELEV. TO 95% AS DETERMINED BY ASTM D-1557-78 (MODIFIED PROCTOR).
6. BACKFILL BEHIND WALLS SHALL BE COMPACTED TO 90% AS DETERMINED BY ASTM D-1557-78. UPPER 10" TO BE LEFT LOOSE WHERE LANDSCAPING IS SCHEDULED.
7. JOINTS SHALL BE STRUCK SMOOTH WHERE STUCCO OR WATERPROOFING IS TO BE APPLIED. WHERE WALLS ARE TO REMAIN EXPOSED, TOOL ALL JOINTS.
8. VERIFY LOCATION OF FOOTING STEPS WITH ENGINEER PRIOR TO CONSTRUCTION.
9. CHAMFER ALL CORNERS WHICH WILL BE EXPOSED.
10. LIMITS FOR RETAINING WALL HEIGHTS ARE SHOWN ON THE SECTIONS ON THIS SHEET. THE CONTRACTOR SHALL DETERMINE THE HT. OF MATERIAL TO BE RETAINED AND UTILIZE THE APPLICABLE SECTION.

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

B.M. LOCATED AT THE INTERSECTION OF R/W LINES OF ACADEMY RD. (NORTH) AND CONCORDIA RD. (EAST). TOP OF BRASS CAP ELEV. = 5598.55

B.M. LOCATED 479.30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBDIVISION. TOP OF BRASS CAP ELEV. = 5660.42

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

No. 5290
RICHARD HUGH ALLEN

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS, INC DATE MARCH 11, 1982
DRAWN BY — DATE
CHECKED BY — DATE

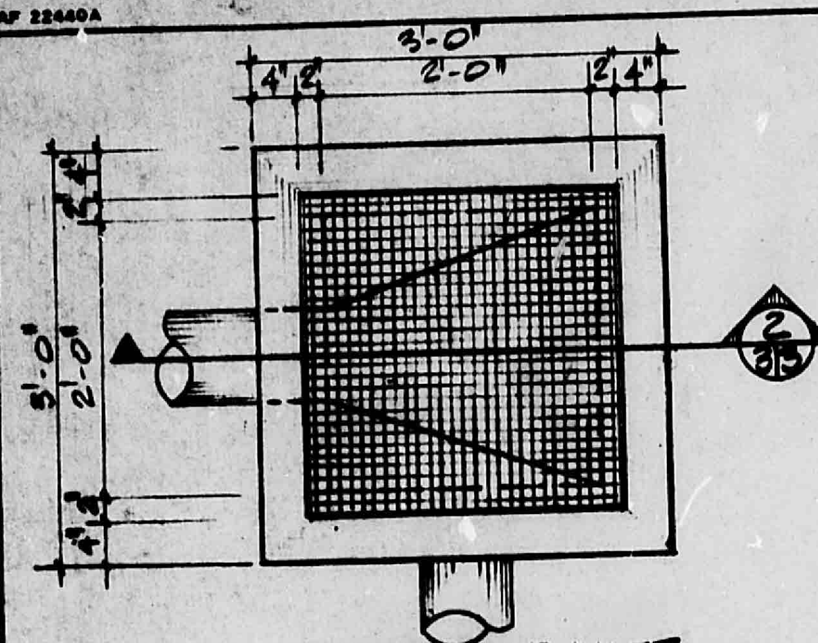
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO - PHASE II
DRAINAGE AND PAVING DETAILS

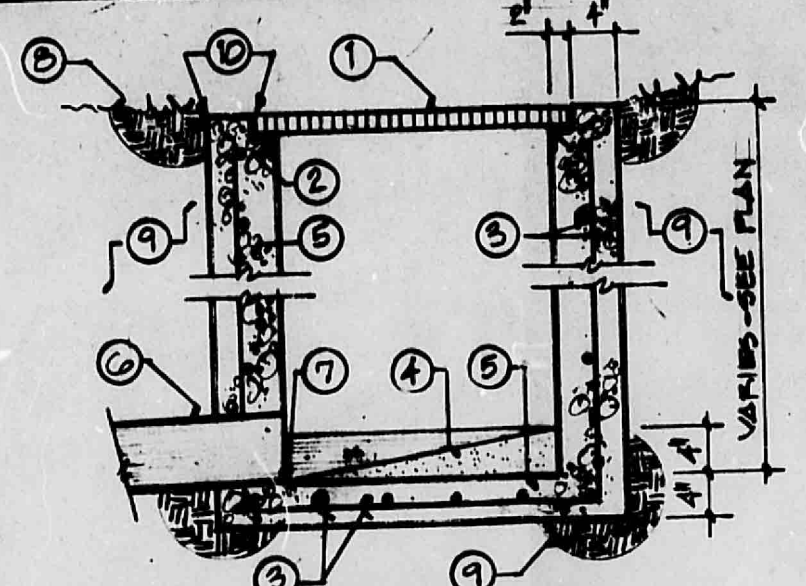
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO.
MAP NO.
SHEET 2 OF 3

AF 22440A



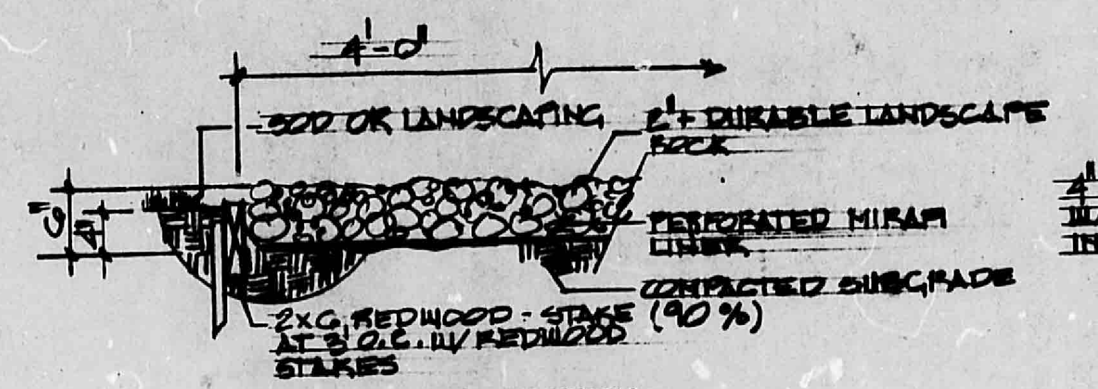
FIELD DROP INLET
DETAIL 1/3
SC: 3/4"=1'-0"



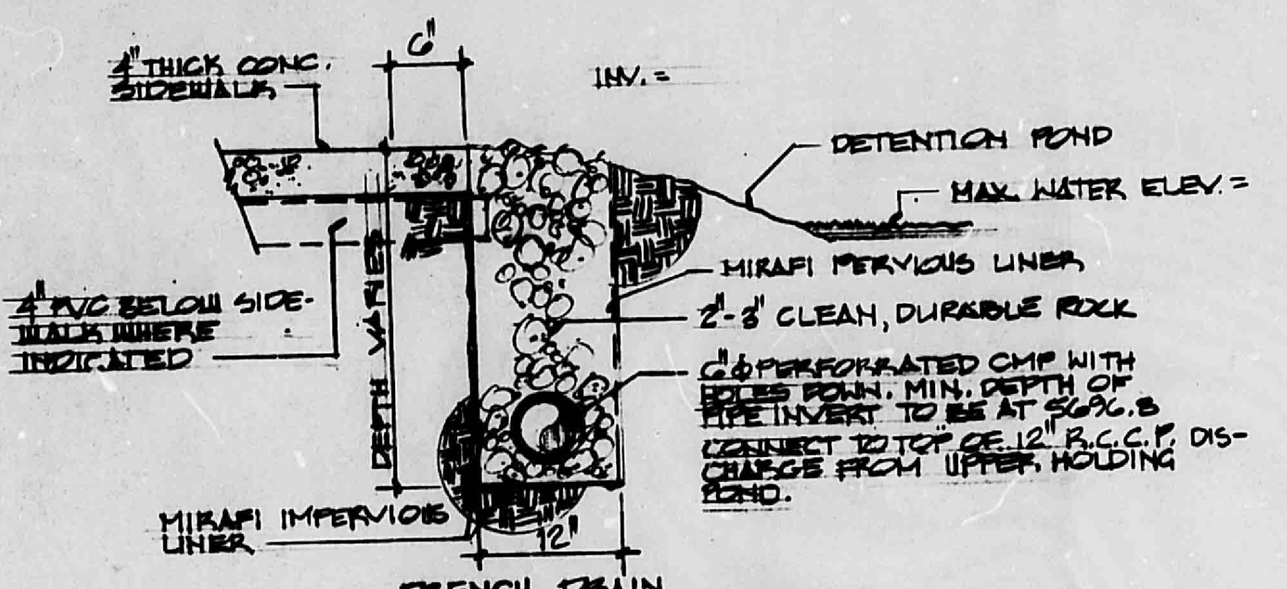
FIELD DROP INLET
SECTION 2/3
SC: 3/4"=1'-0"

KEYED NOTES

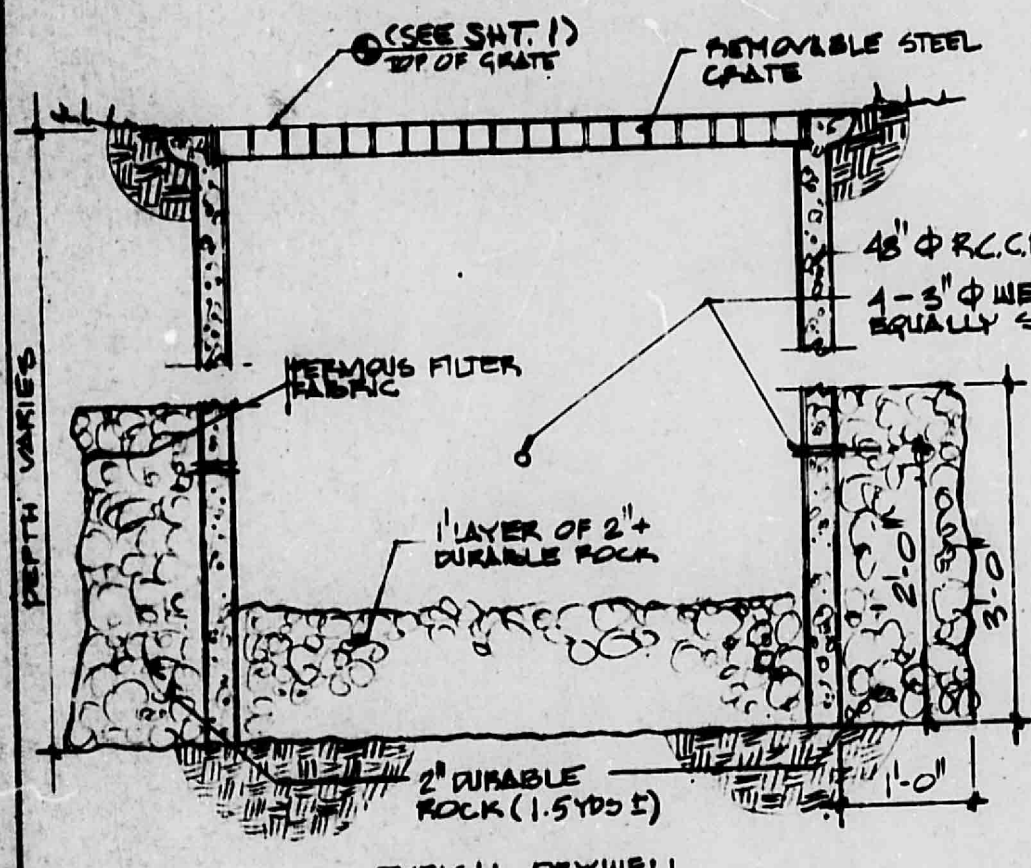
1. GRATE W/1" OPENINGS. SEE SHEET 1 FOR TOP OF GRATE ELEVATIONS.
2. 2"x2"x3/16" & 2-WELDED HEADED STUDS EA. SIDE.
3. #4 BARS @ 6" O.C. EA. WAY.
4. 3000 PSI CONC. FILL - SLOPE TO OUTLET PIPE.
5. 3000 PSI CONC. TYPICAL FOR SITE WORK CONC.
6. PIPE SIZE VARIES
7. INVERT ELEVATION SHOWN
8. LANDSCAPED AREA
9. COMPACT TO 90% PER ASTM D1557-78.
10. CHAMFER ALL EXPOSED EDGES.


4'-0"
SOD OR LANDSCAPING
2"+ DURABLE LANDSCAPE ROCK
PERFORATED MIRAFI LINER
COMPACTED SUBGRADE (90%)
2x6 REDWOOD - STAKE AT 3' O.C. W/ REDWOOD STAKES

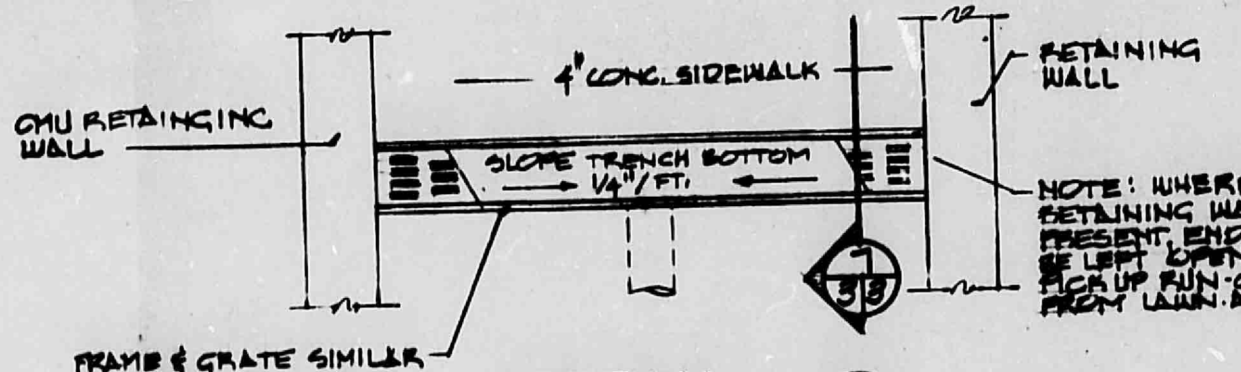
EROSION PROTECTION
SECTION 3/3
SC: 3/4"=1'-0"


4" THICK CONC. SIDEWALK
6"
INV. =
DETENTION POND
MAX. WATER ELEV. =
MIRAFI PERVIOUS LINER
2"-8" CLEAN, DURABLE ROCK
4" PVC BELOW SIDEWALK WHERE INDICATED
DEPTH VARIES
6"φ PERFORATED CMP WITH HOLES DOWN. MIN. DEPTH OF PIPE INVERT TO BE AT 5696.8
CONNECT TO TOP OF 12" R.C.C.P. DISCHARGE FROM UPPER HOLDING POND.
MIRAFI IMPERVIOUS LINER
12"

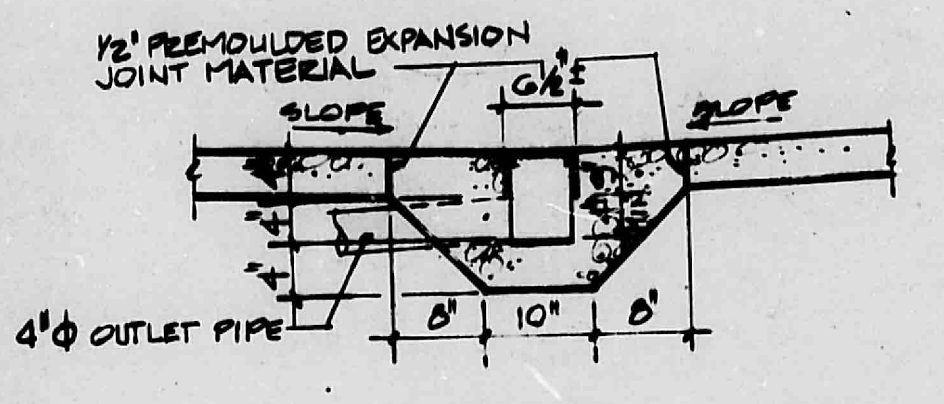
FRENCH DRAIN
SECTION 4/3
SC: 3/4"=1'-0"


(SEE SHT. 1) TOP OF GRATE
REMOVABLE STEEL GRATE
48"φ R.C.C.P.
1-3"φ WEEP HOLES EQUALLY SPACED
PERVIOUS FILTER FABRIC
1' LAYER OF 2"+ DURABLE ROCK
DEPTH VARIES
2'-0"
3'-0"
2" DURABLE ROCK (1.5YDS ±)
1'-0"

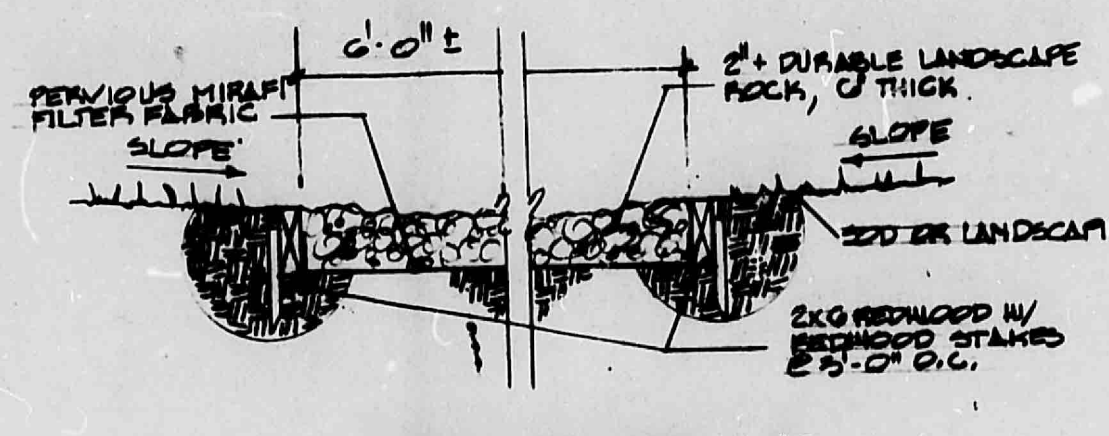
TYPICAL DRYWELL
SECTION 5/3
SC: 3/4'=1'-0"


CMU RETAINING WALL
4" CONC. SIDEWALK
RETAINING WALL
SLOPE TRENCH BOTTOM 1/4"/FT.
NOTE: WHERE NO RETAINING WALL IS PRESENT, END SHALL BE LEFT OPEN TO PICK UP RUN-OFF FROM LAWN AREA.
FRAME & GRATE SIMILAR TO NEENAH FOUNDRY #R-4940-A
7/3

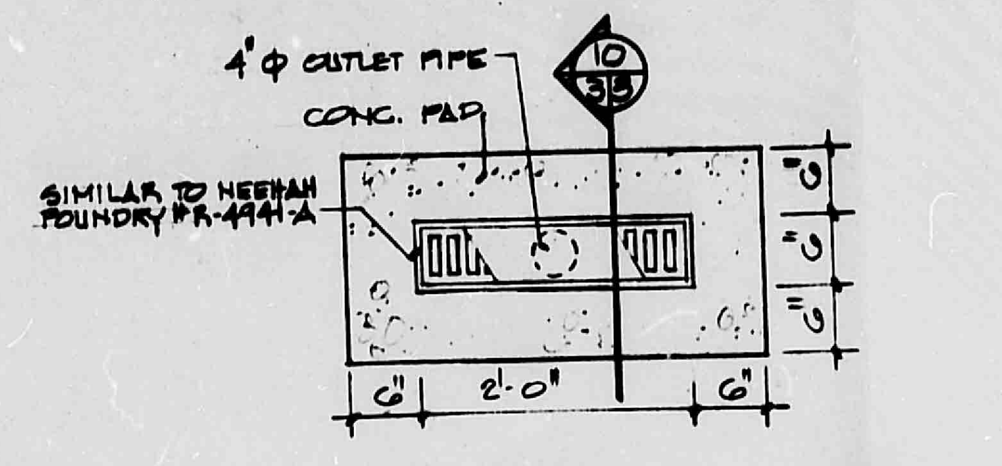
DETAIL 6/3
SC: 3/4"=1'-0"



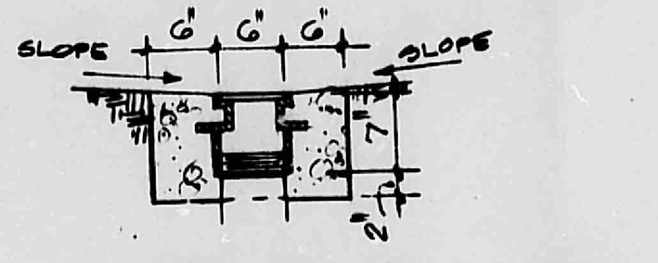
SECTION 7/3
SC: 3/4"=1'-0"


6'-0"±
PERVIOUS MIRAFI FILTER FABRIC
SLOPE
2"+ DURABLE LANDSCAPE ROCK, 6" THICK
SLOPE
SOD OR LANDSCAPING
2x6 REDWOOD W/ REDWOOD STAKES @ 3'-0" O.C.

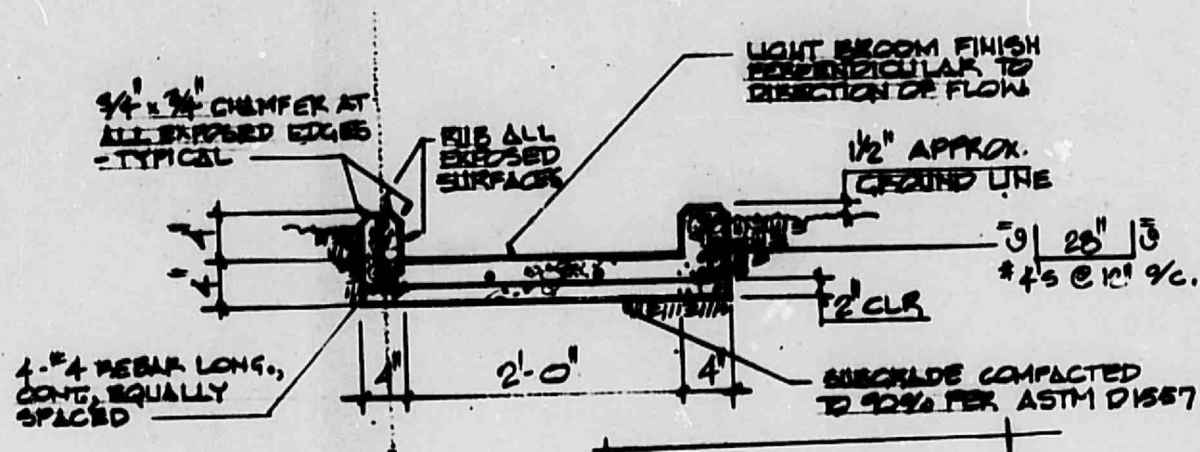
EROSION PROTECTION AT DETETION POND
SECTION 8/3
SC: 3/4"=1'-0"



DETAIL 9/3
SC: 3/4"=1'-0"

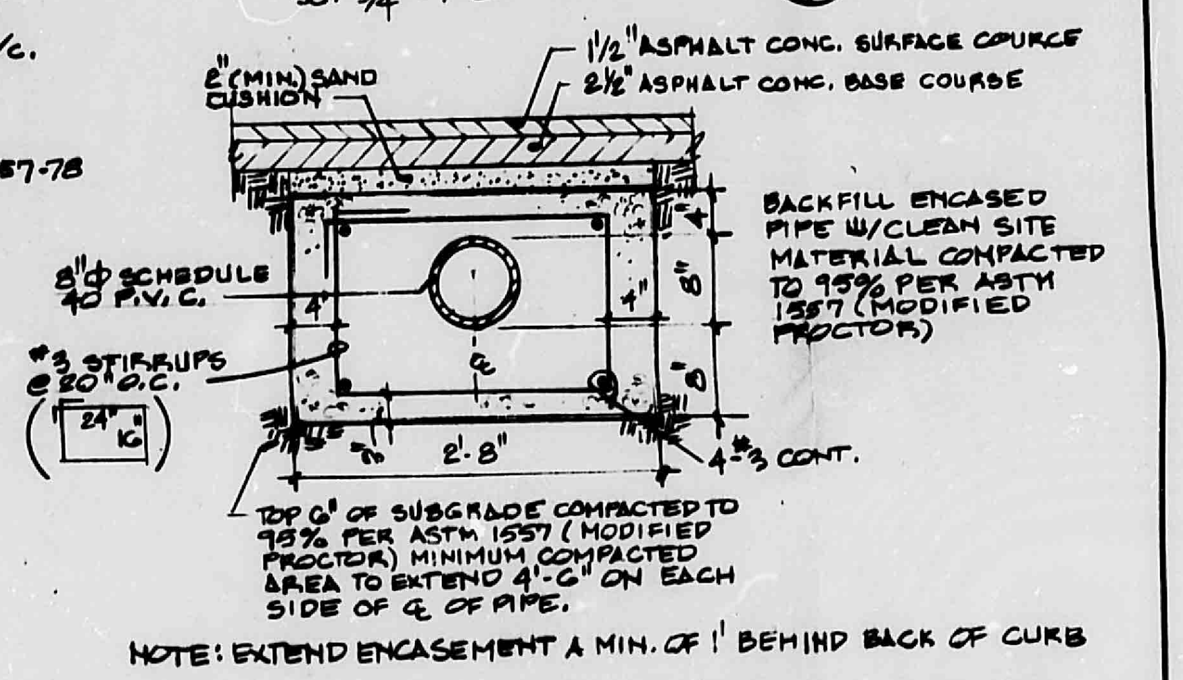


SECTION 10/3
SC: 3/4"=1'-0"


3/4"x3/4" CHAMFER AT ALL EXPOSED EDGES - TYPICAL
RUB ALL EXPOSED SURFACES
LIGHT BROOM FINISH PERPENDICULAR TO DIRECTION OF FLOW
1 1/2" APPROX.
GROUND LINE
28"
#4's @ 12" o/c.
2" CLR
4-#4 REBAR LONG., CONT. EQUALLY SPACED
4" 2'-0" 4"
SUBGRADE COMPACTED TO 92% PER ASTM D1557-78

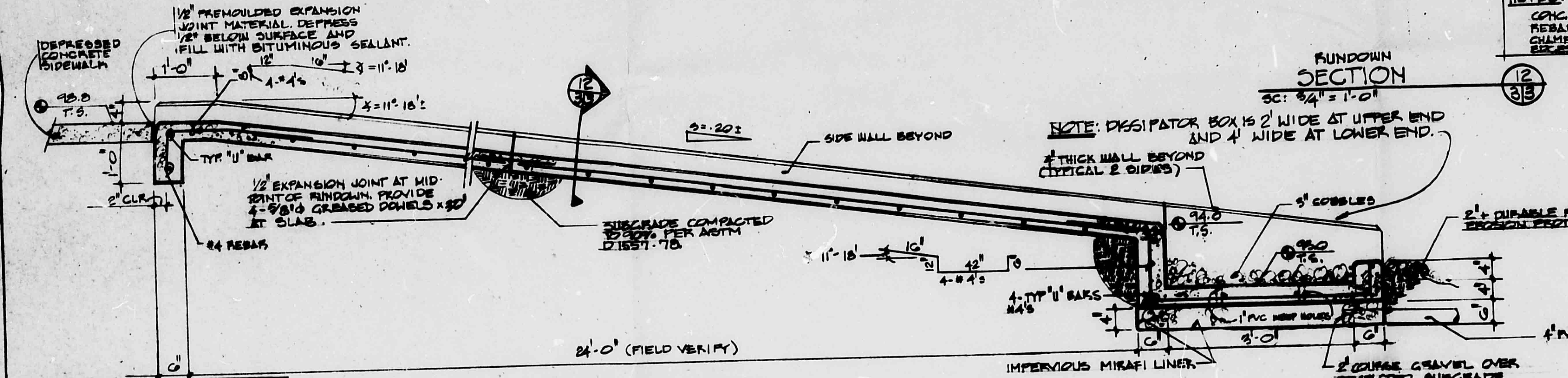
NOTES:
CONC.: f'c = 3000 PSI
REBAR: fy = 40 KSI.
CHAMFER ALL EXPOSED EDGES

RUNDOWN
SECTION 12/3
SC: 3/4"=1'-0"

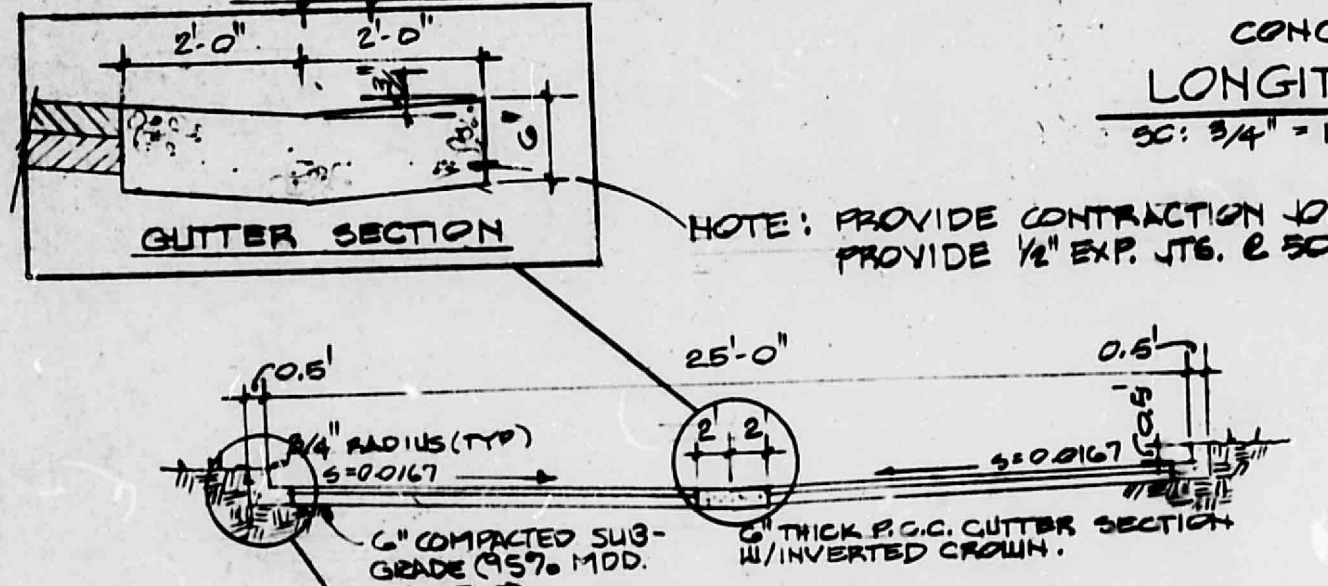

2"(MIN) SAND CUSHION
1 1/2" ASPHALT CONC. SURFACE COURSE
2 1/2" ASPHALT CONC. BASE COURSE
BACKFILL ENCASED PIPE W/CLEAN SITE MATERIAL COMPACTED TO 95% PER ASTM 1557 (MODIFIED PROCTOR)
8"φ SCHEDULE 40 P.V.C.
#3 STIRRUPS @ 20" O.C.
24" 16"
2'-8"
4-#3 CONT.
TOP 6" OF SUBGRADE COMPACTED TO 95% PER ASTM 1557 (MODIFIED PROCTOR) MINIMUM COMPACTED AREA TO EXTEND 4'-6" ON EACH SIDE OF ℄ OF PIPE.

NOTE: EXTEND ENCASEMENT A MIN. OF 1' BEHIND BACK OF CURB

PVC CONCRETE ENCASEMENT BELOW PAVING
SECTION 13/3
SC: 3/4"=1'-0"

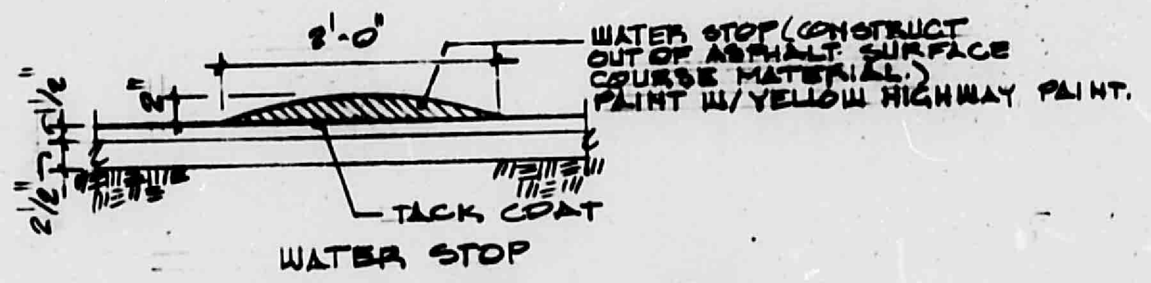

DEPRESSED CONCRETE SIDEWALK
98.8 T.S.
1/2" PREMOULDED EXPANSION JOINT MATERIAL. DEPRESS 1/2" BELOW SURFACE AND FILL WITH BITUMINOUS SEALANT.
1'-0"
12" 10"
4-#4's
∡=11°-18'
TYP. "U" BAR
2" CLR
#4 REBAR
1/2" EXPANSION JOINT AT MIDPOINT OF RUNDOWN. PROVIDE 4-5/8"φ GREASED DOWELS x30" AT SLAB.
12/3
S=.20±
SIDE WALL BEYOND
SUBGRADE COMPACTED TO 90% PER ASTM D1557-78.
11°-18' 16" 42" 4-#4's
NOTE: DISSIPATOR BOX IS 2' WIDE AT UPPER END AND 4' WIDE AT LOWER END.
4" THICK WALL BEYOND (TYPICAL 2 SIDES)
94.0 T.S.
3" COBBLES
93.0 T.S.
2"+ DURABLE ROCK EROSION PROTECTION
4-TYP "U" BARS #4's
1" PVC WEEP HOLES
6" 3'-0" 6"
4" PVC TO DAYLIGHT
IMPERVIOUS MIRAFI LINER
2" COURSE GRAVEL OVER COMPACTED SUBGRADE (90% PER ASTM D1557-78)
24'-0" (FIELD VERIFY)
6"

CONCRETE RUNDOWN
LONGITUDINAL SECTION 11/3
SC: 3/4"=1'-0"

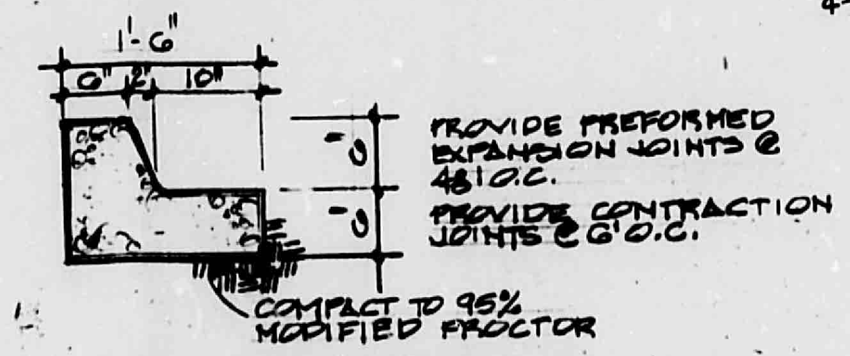


NOTE: PROVIDE CONTRACTION JOINTS @ 10' O.C.
PROVIDE 1/2" EXP. JTS. @ 50' O.C.

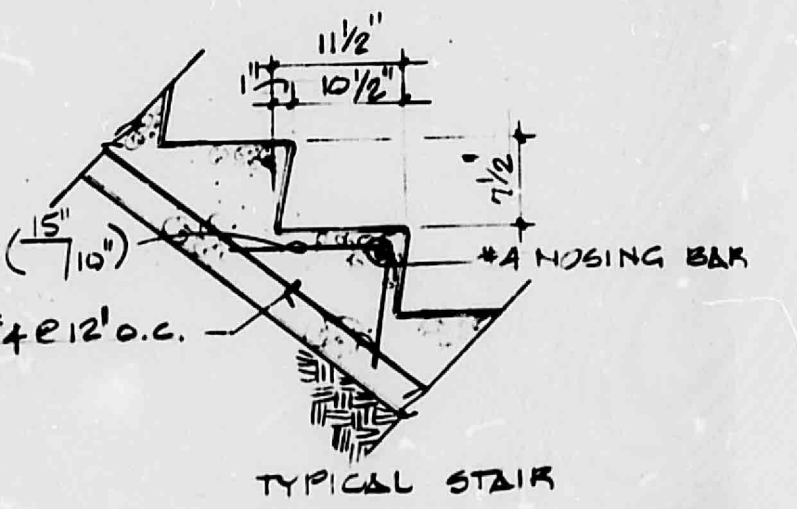
SECTION 14/3
SC: 1"=50'


8'-0"
WATER STOP (CONSTRUCT OUT OF ASPHALT SURFACE COURSE MATERIAL.) PAINT W/ YELLOW HIGHWAY PAINT.
TACK COAT

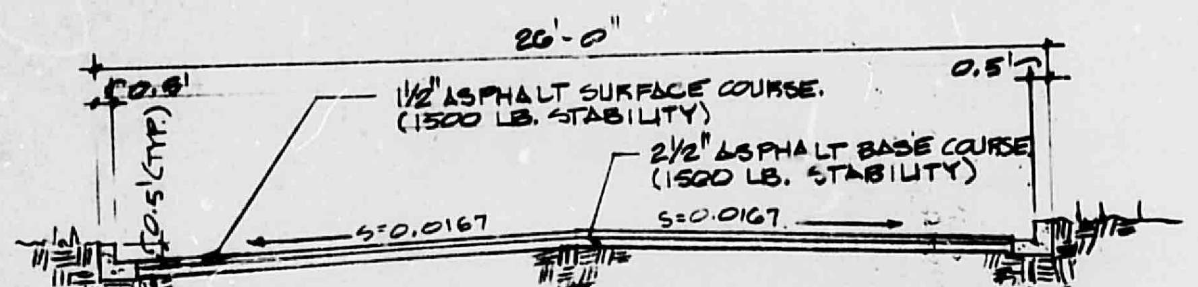
WATER STOP
SECTION 15/3
SC: 3/4"=1'-0"


1'-6"
6" 2" 10"
PROVIDE PREFORMED EXPANSION JOINTS @ 48' O.C.
PROVIDE CONTRACTION JOINTS @ 6' O.C.
COMPACT TO 95% MODIFIED PROCTOR

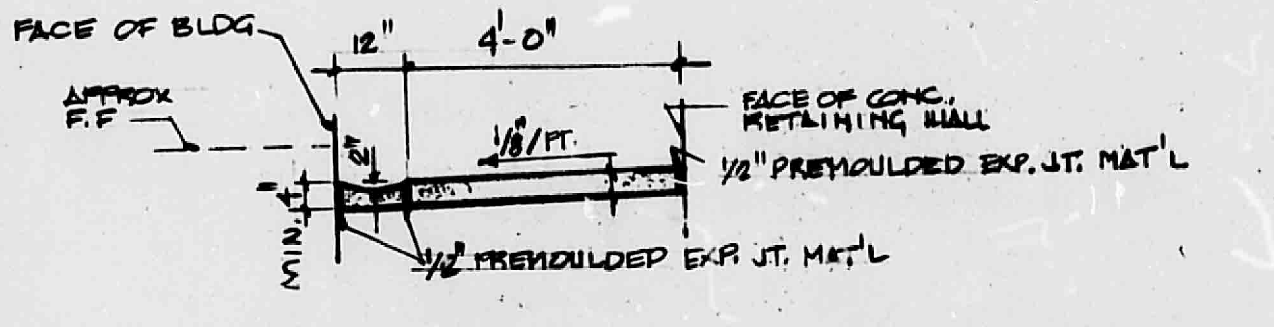
TYPICAL CURB/GUTTER
DETAIL 16/3
SC: 3/4"=1'-0"



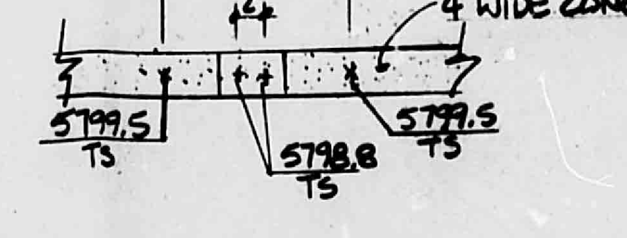
TYPICAL STAIR
DETAIL 17/3
SC: 3/4"=1'-0"


26'-0"
0.5'
0.5'
0.5' (TYP)
1 1/2" ASPHALT SURFACE COURSE. (1500 LB. STABILITY)
2 1/2" ASPHALT BASE COURSE (1500 LB. STABILITY)
S=0.0167
S=0.0167
6" COMPACTED SUBGRADE (95% MODIFIED PROCTOR)

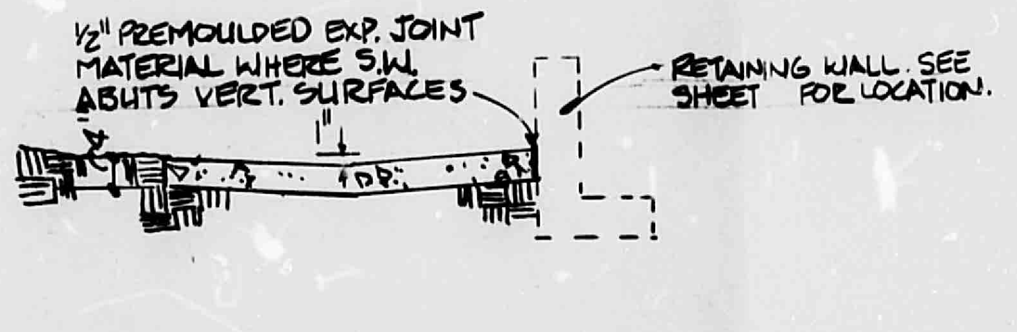
SECTION 18/3
SC: 1"=50'


FACE OF BLDG.
12" 4'-0"
APPROX. F.F.
FACE OF CONC. RETAINING WALL
1/8"/FT.
1/2" PREMOULDED EXP. JT. MAT'L
1/2" PREMOULDED EXP. JT. MAT'L
MIN.

SECTION 19/3
SC: 1/2"=1'-0"



DETAIL 20/3
(N.T.S.)


1/2" PREMOULDED EXP. JOINT MATERIAL WHERE S.W. ABUTS VERT. SURFACES
RETAINING WALL. SEE SHEET FOR LOCATION.
1"

SWALED SIDEWALK DETAIL 21/3
SC: 1/2"=1'-0"

NOTE:
SEE SHEET 2 FOR DRAINAGE GENERAL NOTES.

AS BUILT INFORMATION

CONTRACTOR
WORK STARTED BY
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

BM: LOCATED AT THE INTERSECTION OF R/W LINES OF ACADEMY RD. (NORTH) AND CONCORDIA RD. (EAST).
TOP OF BRASS CAP ELEV. = 5598.55

BM: LOCATED 479.30' SOUTH OF THE S.E. CORNER LOT 28, UNIT 4, ACADEMY HILLS SUBDIVISION.
TOP OF BRASS CAP ELEV. = 5660.42

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

Richard Allen
No. 5290
RICHARD HIGH ALLEN

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DESIGN PROFESSIONALS, INC. DATE MARCH 11, 1982
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: EL PASEO - PHASE II
RETAINING WALLS AND DRAINAGE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO.
MAP NO.
SHEET 3 OF 3

3