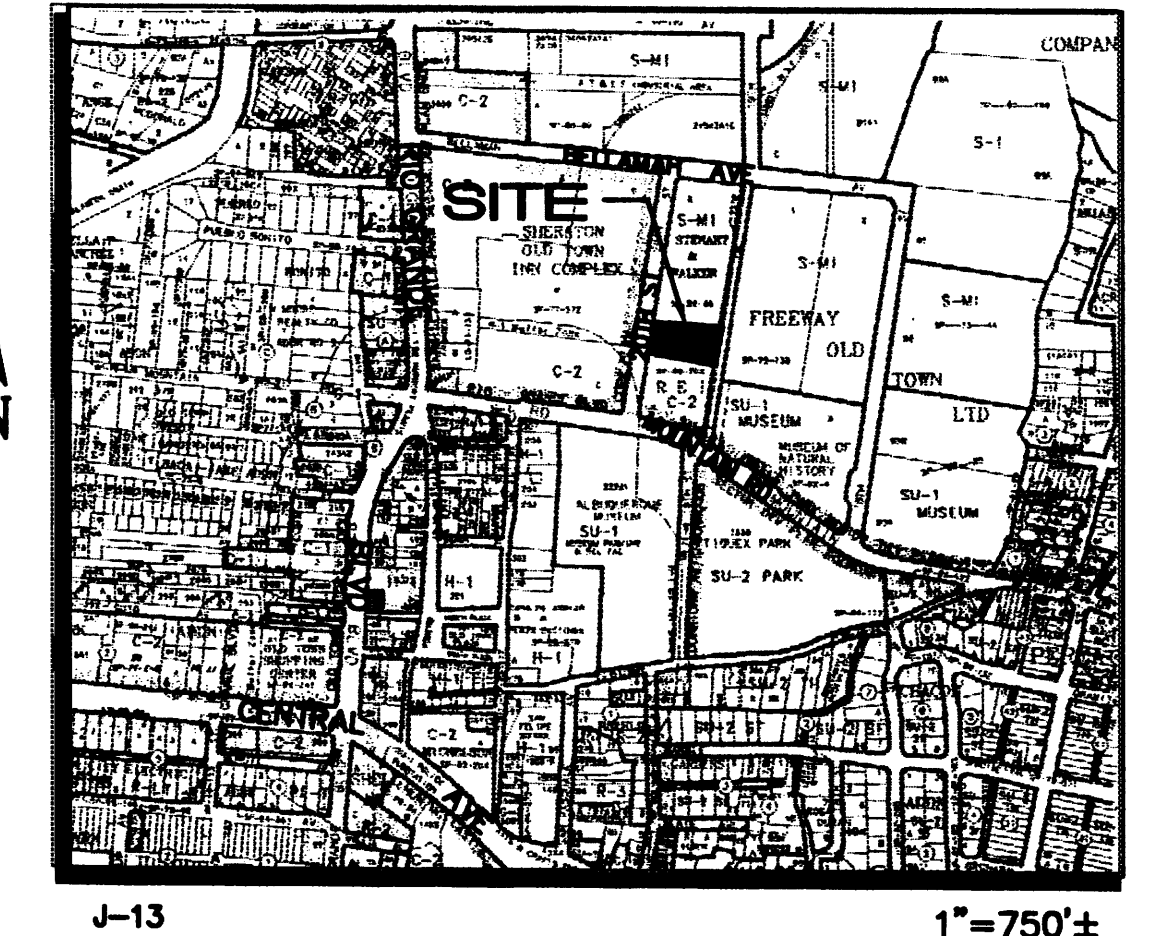


LEGEND

- 5200 — EXISTING CONTOUR
- 52 — EXISTING SPOT ELEVATION
- 52 — PROPOSED CONTOUR
- ◆ TA 78.3 TOP OF ASPHALT ELEV
- FLOW ARROW
- TC=81.95 FL=81.45 TOP OF CURB ELEVATION
- C.O. CURB OPENING
- ~~~~~ WATER BAR
- (B) BASIN A BASIN BOUNDARY & BASIN ID



VICINITY MAP

SURVEYS: TOPOGRAPHIC SURVEY PREPARED BY TONY HARRIS (NMLS #11463) DATED JUNE, 2002.

LEGAL DESCRIPTION: TRACT 238C-A-A-2-A MRGD MAP NO. 38

AREA: 0.8058 ACRES

BENCHMARK: ACS STATION "5-J13A" LOCATED AT THE INTERSECTION OF MOUNTAIN ROAD & 19TH STREET. THE STATION IS A STANDARD BRASS TABLET SET FLUSH WITH THE NORTH CURB OF MOUNTAIN ROAD. ELEVATION = 4957.87

FLOOD ZONE DESIGNATION: SITE IS WITHIN ZONE AH (BASE FLOOD ELEV. = 4956.0 DETERMINED) PER FIRM PANEL No. 331, EFFECTIVE 9/20/1998.

EXISTING CONDITIONS: THE SITE IS PRESENTLY UNDEVELOPED. THE SITE IS BOUNDED BY 20TH STREET ON THE WEST, A RAILROAD TRACK ON THE EAST, AND DEVELOPED TRACTS TO THE NORTH AND THE SOUTH. THE EXISTING RUNOFF FROM THE SITE IS PONDED ONSITE.

EXISTING HYDROLOGY:

PRECIPITATION ZONE: 2
LAND TREATMENT: 100% A,
 $Q_{100} = (1.56)(.806) = 1.3$ CFS
 $V_{100} = 1,551$ CF

OFFSITE FLOWS:

THERE ARE NO OFFSITE FLOWS ENTERING THE SITE. A RAILROAD SPUR PARALLELS THE EAST BOUNDARY AND PREVENTS FLOWS TO CROSS. THE ADJACENT DEVELOPED TRACTS COLLECT THE STORM WATER ONSITE. THE STORM WATERS FROM THE NORTHERLY SITE (TRACT A, STEWART & WALKER) ARE COLLECTED IN A CATCH BASIN ONSITE AND DISCHARGED THROUGH A PIPE TO 20TH STREET. THE SOUTHERLY SITE ALSO HAS ONSITE PONDED WITH PIPED DISCHARGE TO THE BACK OF AN EXISTING INLET ON 20TH STREET. THE PARCEL AT THE NORTHWEST CORNER OF MOUNTAIN ROAD AND 20TH STREET HAS AN UNDERGROUND STORAGE FACILITY FOR THE FLOWS GENERATED ONSITE. THESE FLOWS ARE DISCHARGED THROUGH A JUNCTION BOX TO THE STORM DRAIN SYSTEM IN 20TH STREET. 20TH STREET PARALLELS THE WESTERLY BOUNDARY AND SLOPES TO THE SOUTH, AND THERE IS AN EXISTING STORM DRAIN. NO FLOWS FROM 20TH STREET ENTER THE SITE.

PROPOSED CONDITIONS:

THE PLANNED DEVELOPMENT IS A PAVED PARKING LOT WITH A MEDIAN AND LANDSCAPED AREAS. NO STRUCTURES ARE PROPOSED ONSITE. SINCE THE SITE IS WITHIN THE 100-YEAR FLOOD ZONE, THE STORM WATERS WILL BE PONDED ON-SITE.

BASIN A IS THE PARKING AREA AND PORTIONS OF THE LANDSCAPED AREA. THE FLOWS FROM THIS BASIN WILL BE COLLECTED IN THE CENTER OF THE SITE, WHERE THE MEDIAN WILL SERVE AS A DETENTION POND. THE WATER WILL ENTER THE MEDIAN THROUGH EIGHT 1-FOOT CURB OPENINGS. A PUMP WILL PUSH THE WATER IN THE POND THROUGH A PIPE TO AN INLET IN 20TH STREET.

BASINS B AND C ARE PORTIONS OF THE LANDSCAPED AREA BETWEEN THE PARKING AND THE PROPERTY LINES. THE FLOWS FROM THESE BASINS WILL BE COLLECTED IN TWO PONDS.

PROPOSED HYDROLOGY:

BASIN A:

AREA: 0.760 AC.
LAND TREATMENT: 10% B, 10% C, 80% D
 $Q_{100} = (2.28)(.076) + (3.14)(.076) + (4.70)(.0608) = 3.3$ CFS

$V_{100} = [(0.78)(.076) + (1.13)(.076) + (2.12)(.0608)] * 43560 / 12 = 5206$ CF

REQUIRED ONSITE POND VOLUME = DEVELOPED 6-HR V_{100}

VOLUME PROVIDED = 5434 CF (OK)

BASIN B:

AREA: 0.030 AC.
LAND TREATMENT: 50% B, 50% C
 $Q_{100} = (2.28)(.015) + (3.14)(.015) = 0.1$ CFS

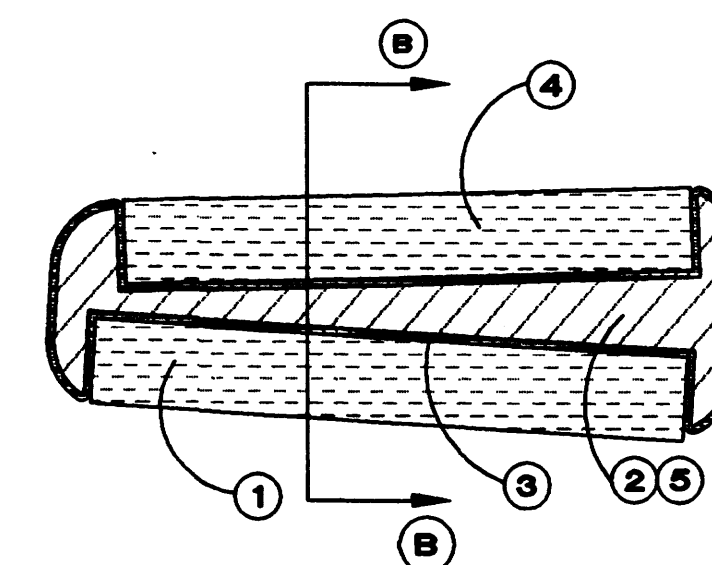
$V_{100} = [(.78)(.015) + (1.13)(.015)] * 43560 / 12 = 104$ CF
VOLUME PROVIDED = 126 CF (OK)

BASIN C:

AREA: 0.0154 AC.
LAND TREATMENT: 50% B, 50% C
 $Q_{100} = (2.28)(.0077) + (3.14)(.0077) = 0.04$ CFS

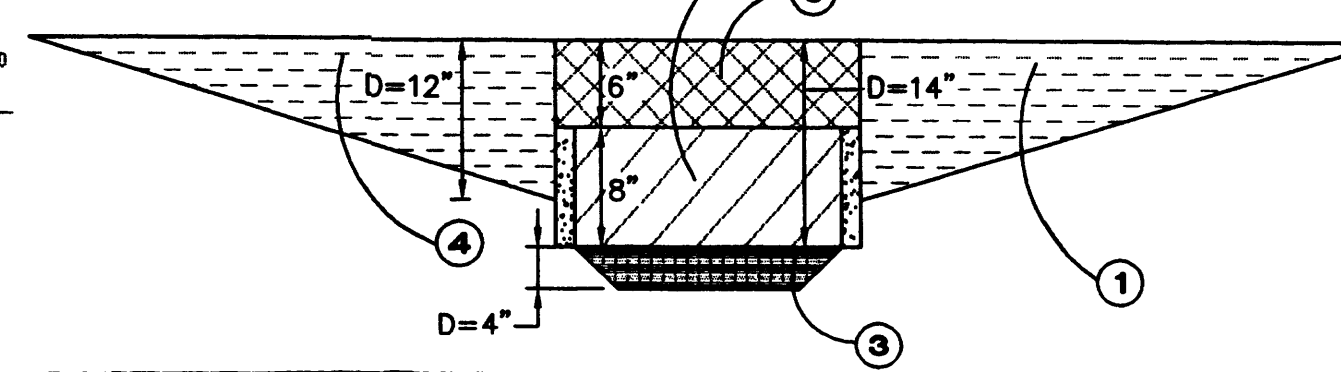
$V_{100} = [(0.78)(.0077) + (1.13)(.0077)] * 43560 / 12 = 53$ CF
VOLUME PROVIDED = 100 CF (OK)

VOLUME CALCULATIONS



AREAS

- ① 2,281 SF
- ② 2,369 SF
- ③ 2,154 SF
- ④ 2,163 SF
- ⑤ 1,832 SF



SECTION B-B

VOLUME = AREA * DEPTH.

1. $2,281 \text{ SF} * 1' * \frac{1}{2} = 1,140$ CF
2. $2,369 \text{ SF} * \frac{8}{12} = 1,579$ CF
3. $2,154 \text{ SF} * \frac{7}{12} = 718$ CF
4. $2,163 \text{ SF} * 1' * \frac{1}{2} = 1,081$ CF
5. $1,832 \text{ SF} * \frac{6}{12} = 916$ CF

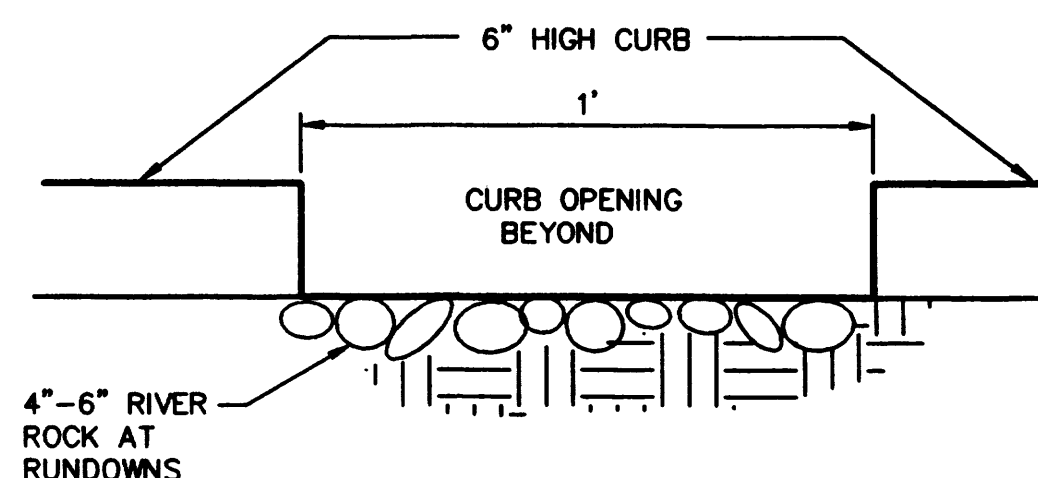
PUBLIC R.O.W.

CONSTRUCTION NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION 1988."
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING LINES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
4. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE (RESIDENTIAL).
5. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
6. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

KEYED CONSTRUCTION NOTE

1. BUILD NEW PRIVATE ENTRANCE PER COA STD DWG #2426 WITH HANDICAP RAMPS NORTH AND SOUTH PER SECTION A-A OF STD DWG. REMOVE CURB & GUTTER AND SIDEWALK AS REQUIRED.



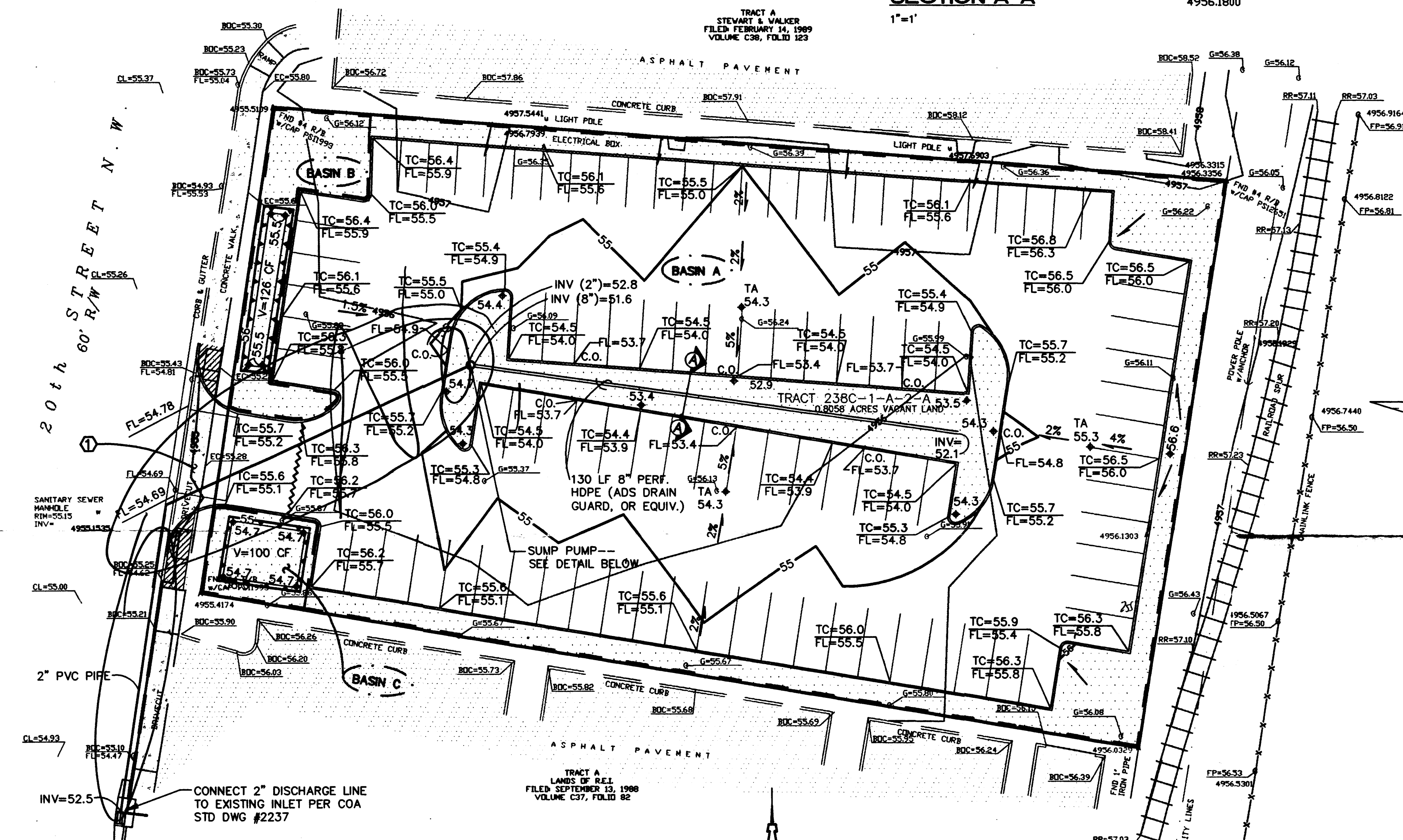
CURB OPENING AND RUNDOWN NTS

WEIR CALCULATIONS

$$Q = CLH^{1.5}$$

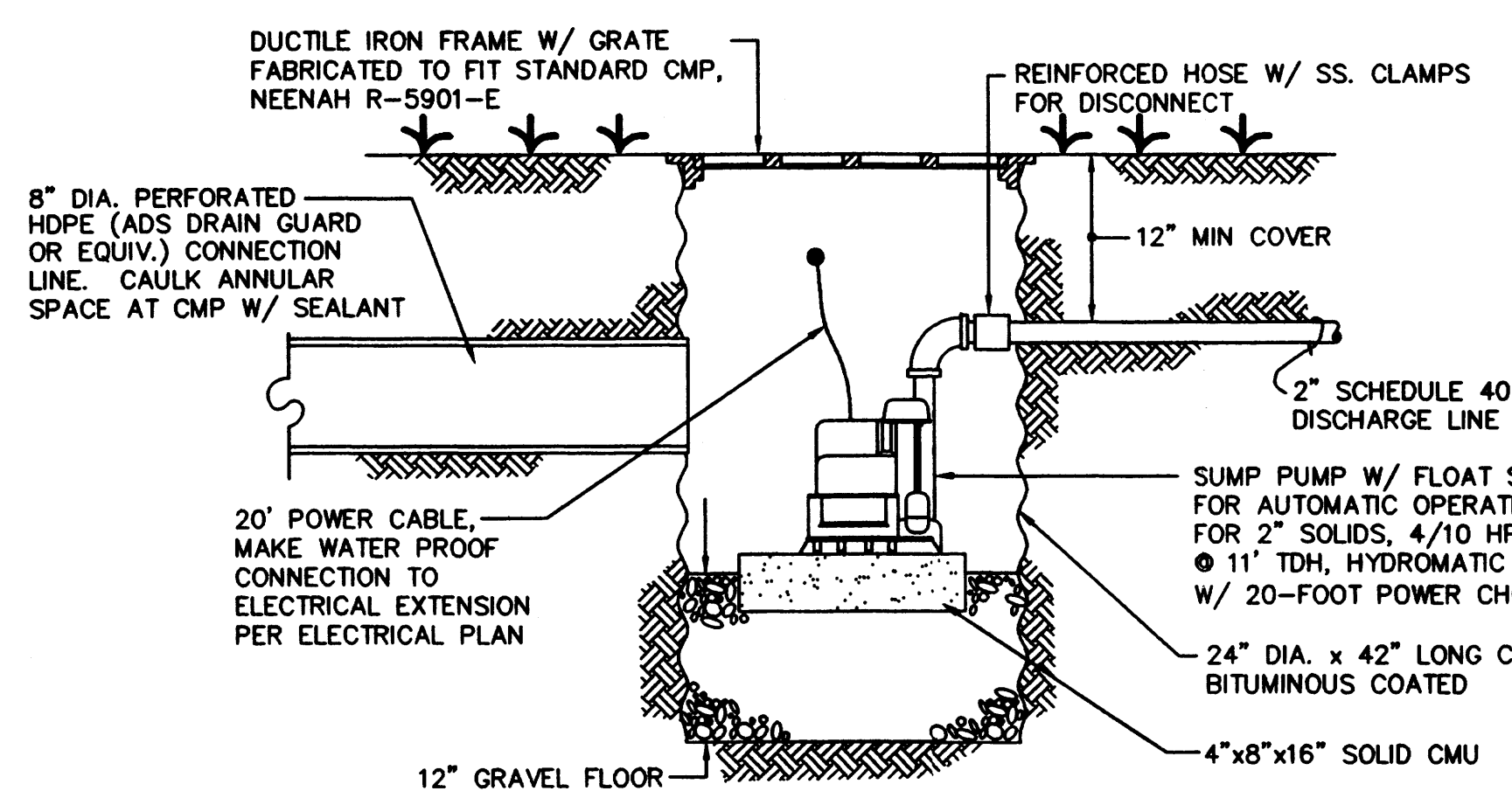
$$Q = (2.7)(1.0)(0.5)^{1.5}$$

$$Q = 1.35 \text{ CFS}$$



PLAN

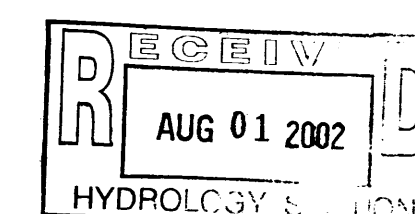
1"=20'



SUMP PUMP

1"=1'

SAN FELIPE PLAZA PARKING LOT GRADING & DRAINAGE PLAN

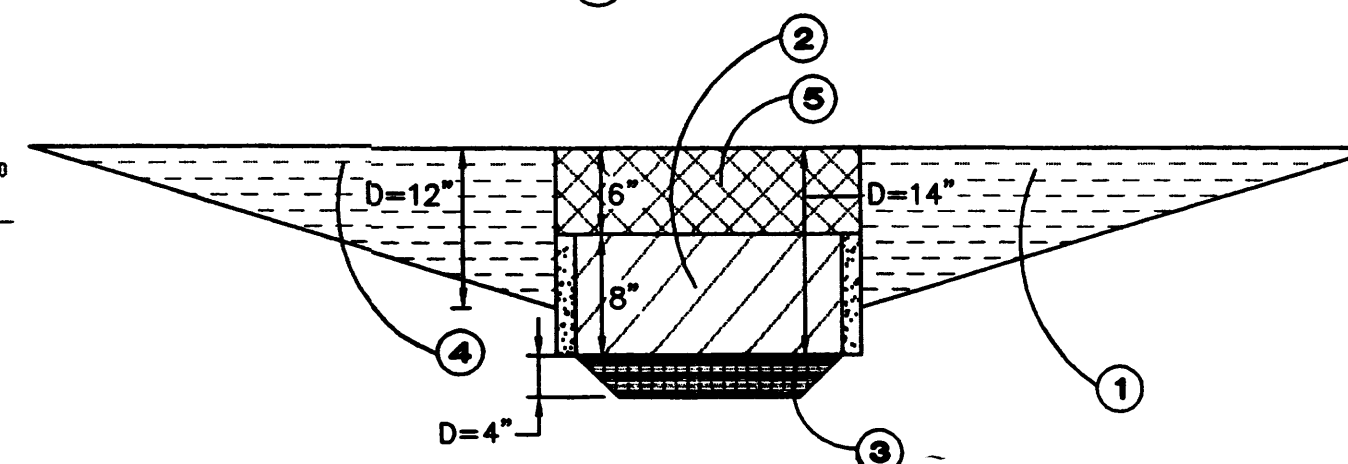
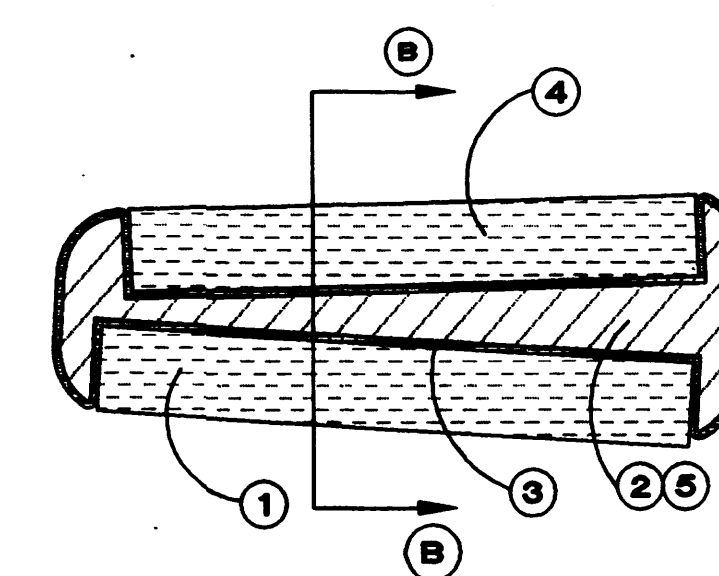
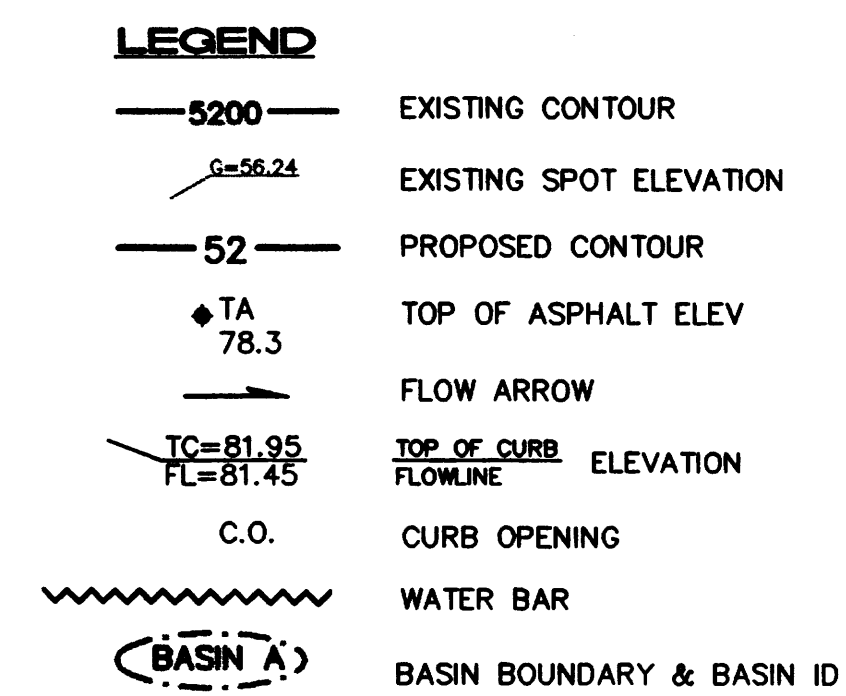




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128 Monroe Street N.E.
Albuquerque New Mexico

1225GRD.DWGonw 7/31/02

SHEET 2 OF 5

APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		
PERMIT NO.	MAP NO.	
	J-13	



- ### AREAS
- | | | |
|---|---|----------|
| ① | ---- | 2,281 SF |
| ② | /// | 2,369 SF |
| ③ |  | 2,154 SF |
| ④ | ---- | 2,163 SF |
| ⑤ |  | 1,832 SF |

SECTION B-B

VOLUME=AREA*DEPTH.

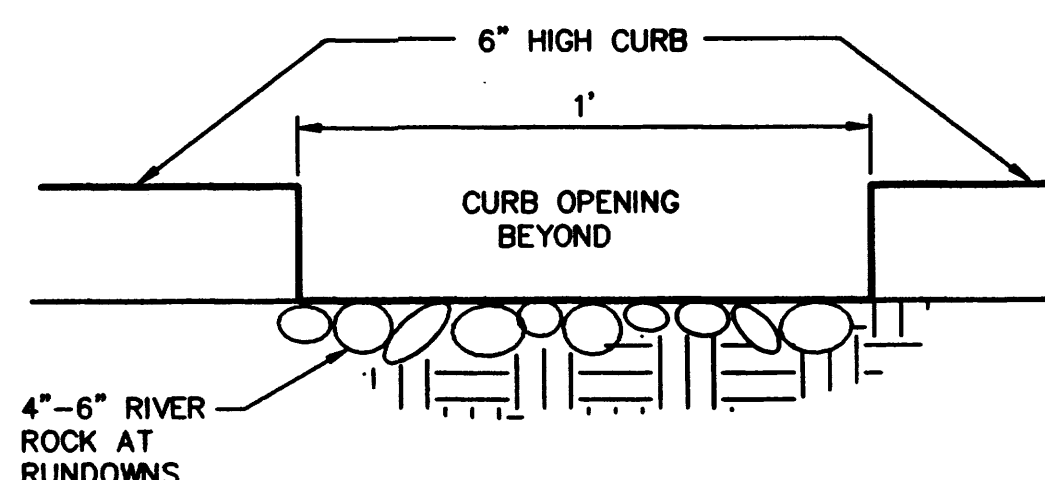
- $$\begin{array}{rcl}
 1. & 2,281 \text{ SF} * 1' * \frac{1}{2} & = 1,140 \text{ CF} \\
 2. & 2,369 \text{ SF} * \frac{8'}{12} & = 1,579 \text{ CF} \\
 3. & 2,154 \text{ SF} * \frac{4'}{12} & = 718 \text{ CF} \\
 4. & 2,163 \text{ SF} * 1' * \frac{1}{2} & = 1,081 \text{ CF} \\
 5. & 1,832 \text{ SF} * \frac{6'}{12} & = 916 \text{ CF} \\
 & & \hline
 & & 5,434 \text{ CF}
 \end{array}$$

**PUBLIC R.O.W.
CONSTRUCTION NOTES**

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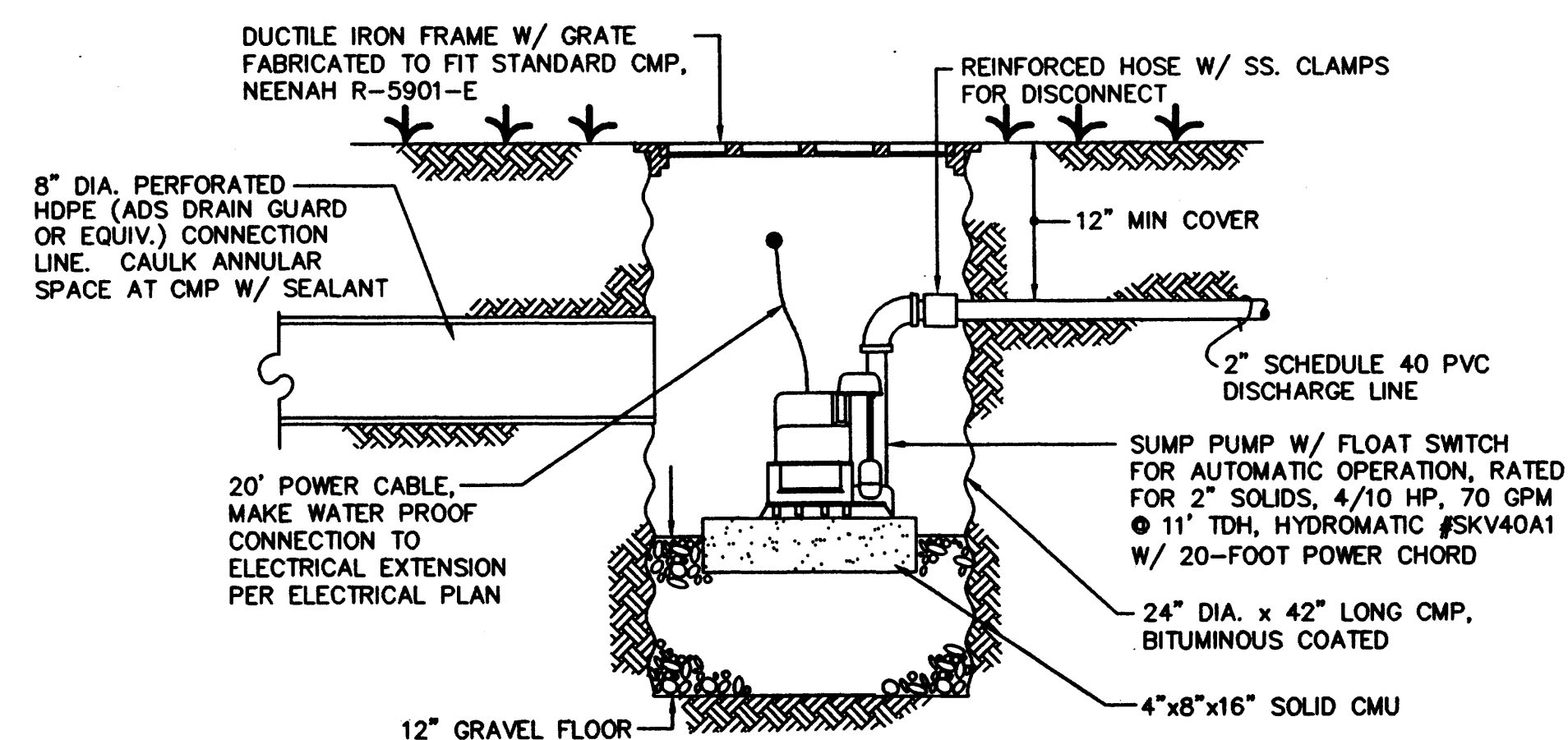
KEYED CONSTRUCTION NOTE

1. BUILD NEW PRIVATE ENTRANCE PER COA STD DWG #2426 WITH HANDICAP RAMPS NORTH AND SOUTH PER SECTION A-A OF STD DWG. REMOVE CURB & GUTTER AND SIDEWALK AS REQUIRED.



CURB OPENING AND RUNDOWN
NTS

WEIR CALCULATIONS
 $Q = CLH^{1.5}$
 $Q = (2.7)(1.0)(0.5)^{1.5}$
 $Q = 1.35 \text{ CFS}$


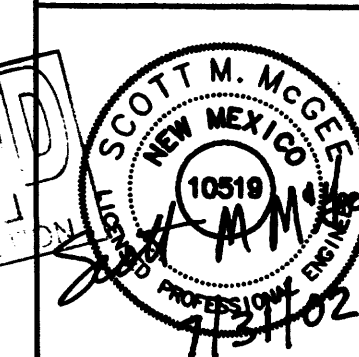
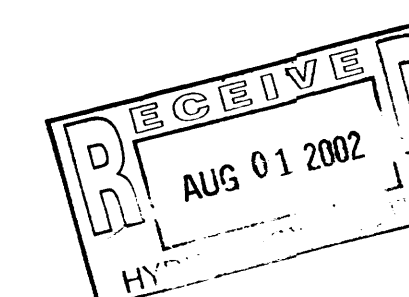


SUMP PUMP

APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		
PERMIT NO.	MAP NO.	

J-13

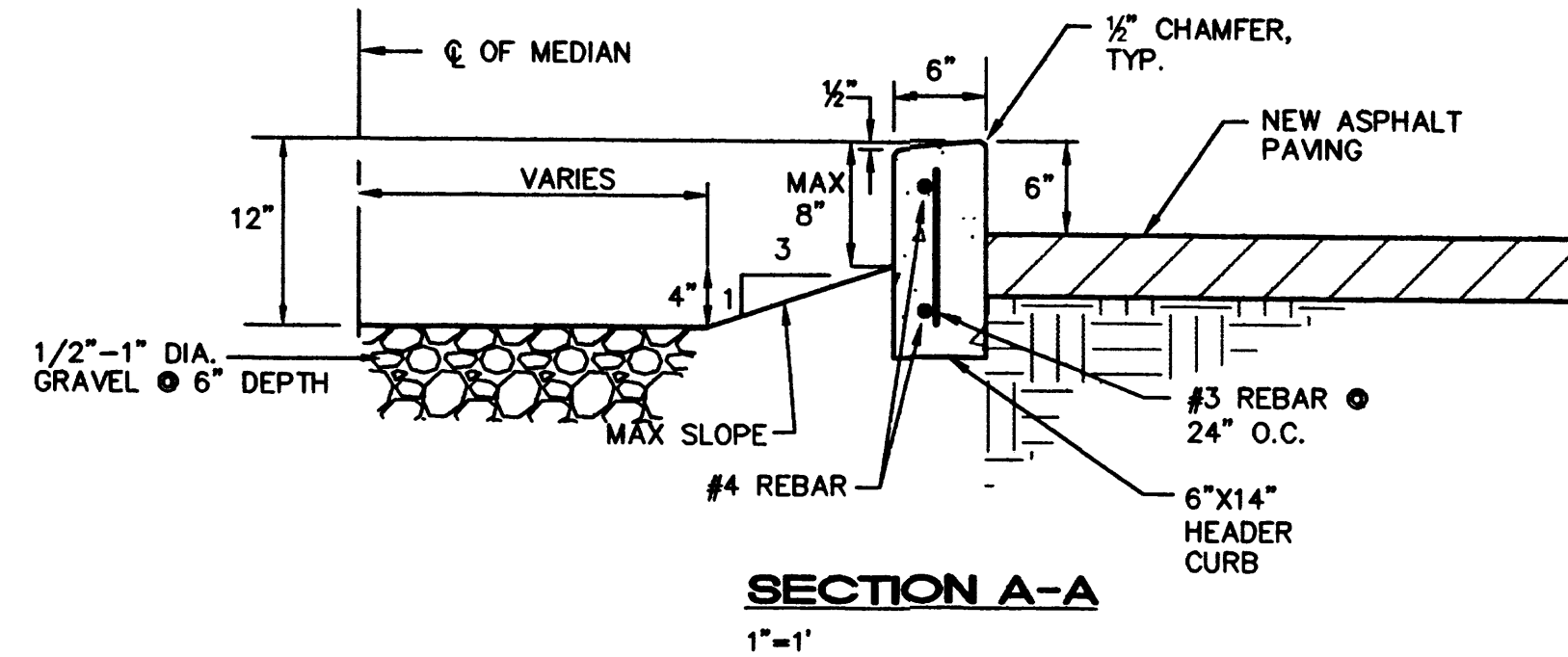
SAN FELIPE PLAZA PARKING LOT PAVING & DRAINAGE PLAN



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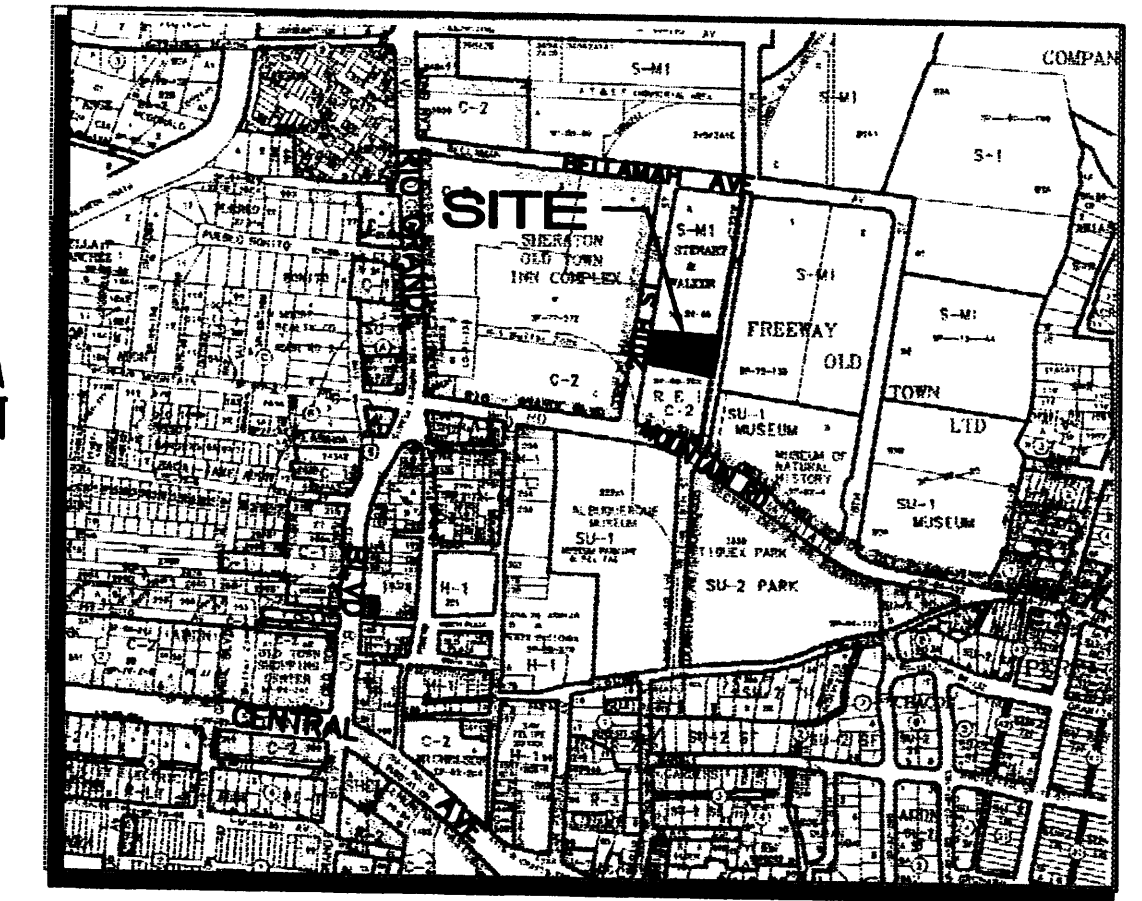
1225GRD.DWGanw 7/31/02

SHEET 2 OF 5

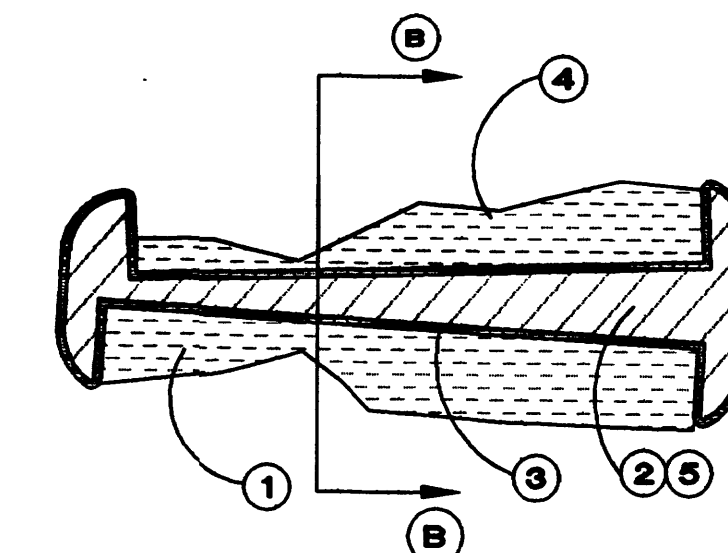


LEGEND

- 4957 — EXISTING CONTOUR
- 56 — EXISTING SPOT ELEVATION
- 56 — PROPOSED CONTOUR
- FLOW ARROW —
- TC=55.7 — TOP OF CURB ELEVATION
- FL=55.2 — FLOWLINE
- TA=55.8 — TOP OF ASPHALT ELEVATION
- C.O. — CURB OPENING
- BASIN A — BASIN BOUNDARY & BASIN ID

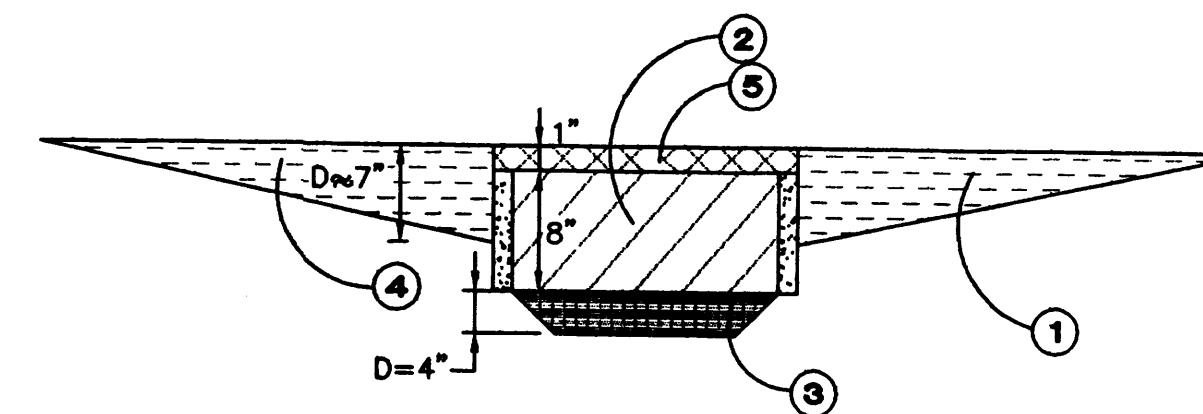


VOLUME CALCULATIONS



AREAS

- ① 1,903 SF
- ② 2,369 SF
- ③ 2,154 SF
- ④ 1,306 SF
- ⑤ 1,832 SF



SECTION B-B

VOLUME=AREA*DEPTH.

WSEL=4956.0

1. 1,903 SF * 0.6' * 1/2 = 571 CF
2. 2,369 SF * 1/2 = 1,579 CF
3. 2,154 SF * 1/2 = 718 CF
4. 1,306 SF * 0.6' * 1/2 = 392 CF
5. 1,832 SF * 1/2 = 153 CF

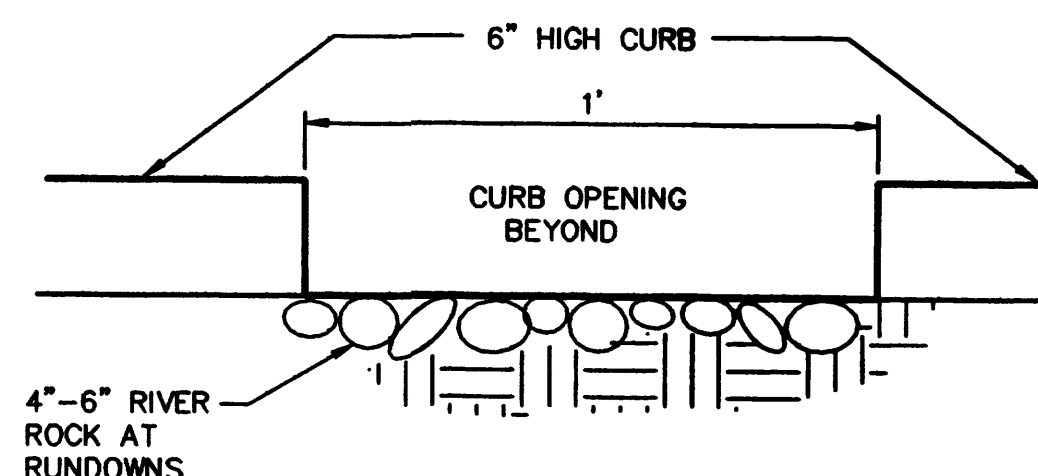
PUBLIC R.O.W.

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KEYED CONSTRUCTION NOTE

1. BUILD NEW PRIVATE ENTRANCE PER COA STD DWG #2426 WITH HANDICAP RAMPS NORTH AND SOUTH PER SECTION A-A OF STD DWG. REMOVE CURB & GUTTER AND SIDEWALK AS REQUIRED.



CURB OPENING AND RUNDOWN

WEIR CALCULATIONS

$$Q = CLH^{1.5}$$

$$Q = (2.7)(1.0)(0.5)^{1.5}$$

$$Q = 1.35 \text{ CFS}$$

SURVEYS: TOPOGRAPHIC SURVEY PREPARED BY TONY HARRIS (NMLS #11463) DATED JUNE, 2002.

LEGAL DESCRIPTION: TRACT 238C-A-A-2-A MRGCD MAP NO. 38

AREA: 0.8058 ACRES

BENCHMARK: ACS STATION "5-J13A" LOCATED AT THE INTERSECTION OF MOUNTAIN ROAD & 19TH STREET. THE STATION IS A STANDARD BRASS TABLET SET FLUSH WITH THE NORTH CURB OF MOUNTAIN ROAD. ELEVATION = 4957.87

FLOOD ZONE DESIGNATION: SITE IS WITHIN ZONE AH (BASE FLOOD ELEV. = 4956.0 DETERMINED) PER FIRM PANEL No. 331, EFFECTIVE 9/20/1996.

EXISTING CONDITIONS: THE SITE IS PRESENTLY UNDEVELOPED. THE SITE IS BOUNDED BY 20TH STREET ON THE WEST, A RAILROAD TRACK ON THE EAST, AND DEVELOPED TRACTS TO THE NORTH AND THE SOUTH. THE EXISTING RUNOFF FROM THE SITE IS PONDED ONSITE.

EXISTING HYDROLOGY:

PRECIPITATION ZONE: 2
LAND TREATMENT: 100% A,
 $Q_{100} = (1.56)(.806) = 1.3 \text{ CFS}$
 $V_{100} = [(0.53)(.806)] \times 43560 / 12 = 1551 \text{ CF}$

OFFSITE FLOWS:

THERE ARE NO OFFSITE FLOWS ENTERING THE SITE. A RAILROAD SPUR PARALLELS THE EAST BOUNDARY AND PREVENTS FLOWS TO CROSS. THE ADJACENT DEVELOPED TRACTS COLLECT THE STORM WATER ONSITE. THE STORM WATERS FROM THE NORTHERLY SITE (TRACT A, STEWART & WALKER) ARE COLLECTED IN A CATCH BASIN ONSITE AND DISCHARGED THROUGH A PIPE TO THE BACK OF AN EXISTING INLET ON 20TH STREET. THE PARCEL AT THE NORTHWEST CORNER OF MOUNTAIN ROAD AND 20TH STREET HAS AN UNDERGROUND STORAGE FACILITY FOR THE FLOWS GENERATED ONSITE. THESE FLOWS ARE DISCHARGED THROUGH A JUNCTION BOX TO THE STORM DRAIN SYSTEM IN 20TH STREET. 20TH STREET PARALLELS THE WESTERLY BOUNDARY AND SLOPES TO THE SOUTH, AND THERE IS AN EXISTING STORM DRAIN. NO FLOWS FROM 20TH STREET ENTER THE SITE.

PROPOSED CONDITIONS:

THE PLANNED DEVELOPMENT IS A PAVED PARKING LOT WITH A MEDIAN AND LANDSCAPED AREAS. NO STRUCTURES ARE PROPOSED ONSITE. APPROXIMATELY 2/3 OF THE STORM WATERS WILL BE PONDED ON-SITE AND THE REMAINING 1/3 WILL BE DISCHARGED TO 20TH STREET.

BASIN A IS THE WESTERLY PORTION OF THE SITE THAT WILL DRAIN TO 20TH STREET. BASIN B IS THE REMAINDER OF THE SITE THAT WILL BE PONDED ONSITE. THE FLOWS FROM THIS BASIN WILL BE COLLECTED IN THE MEDIAN THROUGH SEVEN 1-FOOT CURB OPENINGS.

PROPOSED HYDROLOGY:

BASIN A:
AREA: 0.298 AC.
LAND TREATMENT: 11% B, 12% C, 77% D
 $Q_{100} = (2.28)(.033) + (3.14)(.036) + (4.70)(.229) = 1.3 \text{ CFS}$

$V_{100} = [(0.78)(.033) + (1.13)(.036) + (2.12)(.229)] \times 43560 / 12 = 2003 \text{ CF}$

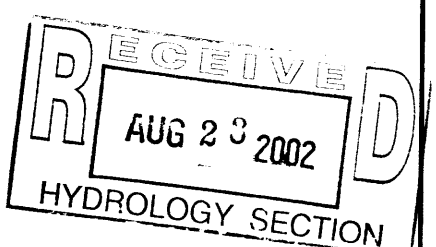
BASIN B:

AREA: 0.508 AC
LAND TREATMENT: 12% B, 12% C, 76% D
 $Q_{100} = (2.28)(.061) + (3.14)(.061) + (4.70)(.386) = 2.1 \text{ CFS}$

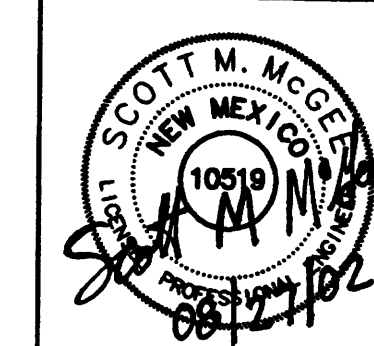
$V_{100} = [(.78)(.061) + (1.13)(.061) + (2.12)(.386)] \times 43560 / 12 = 3393 \text{ CF}$

REQUIRED POND VOLUME = 3393 CF

PROVIDED POND VOLUME = 3413 CF (OK)



SAN FELIPE PLAZA PARKING LOT GRADING & DRAINAGE PLAN

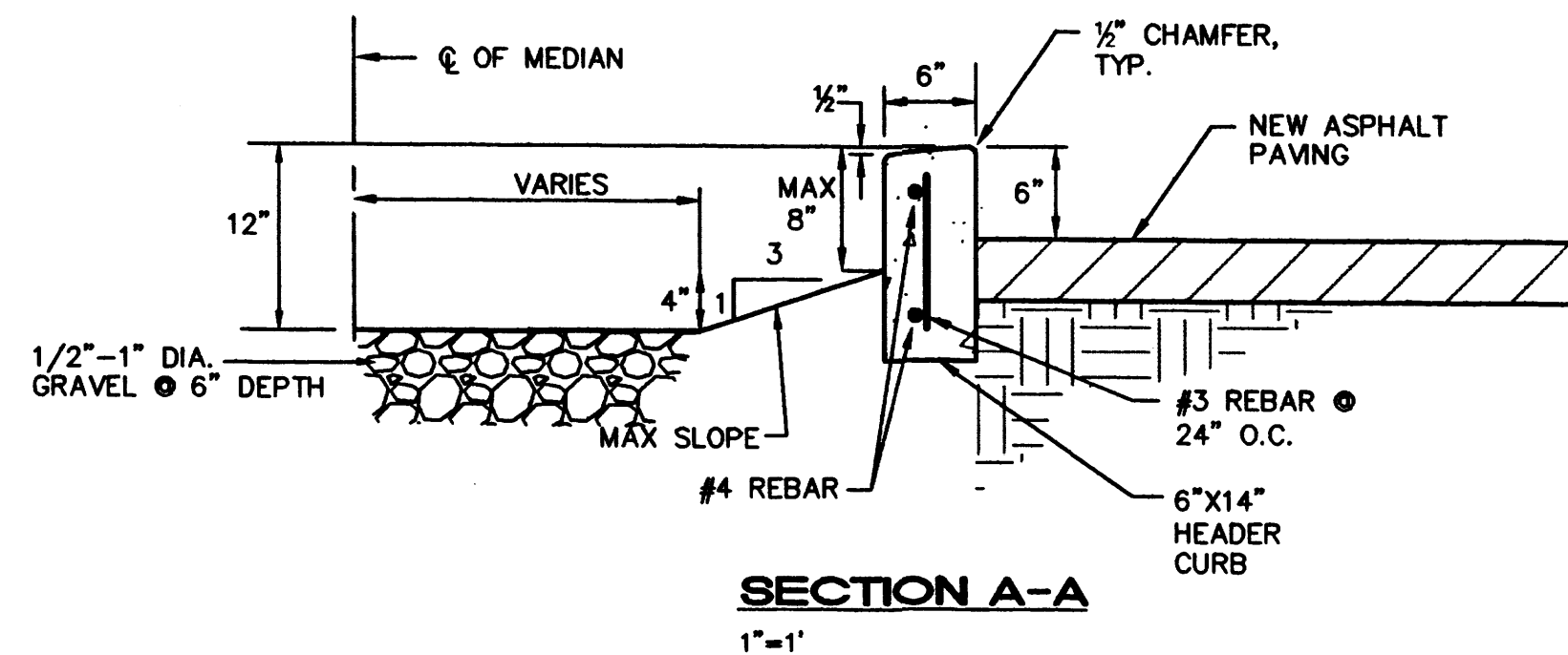


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1225GRD.DWGcon 8/22/02

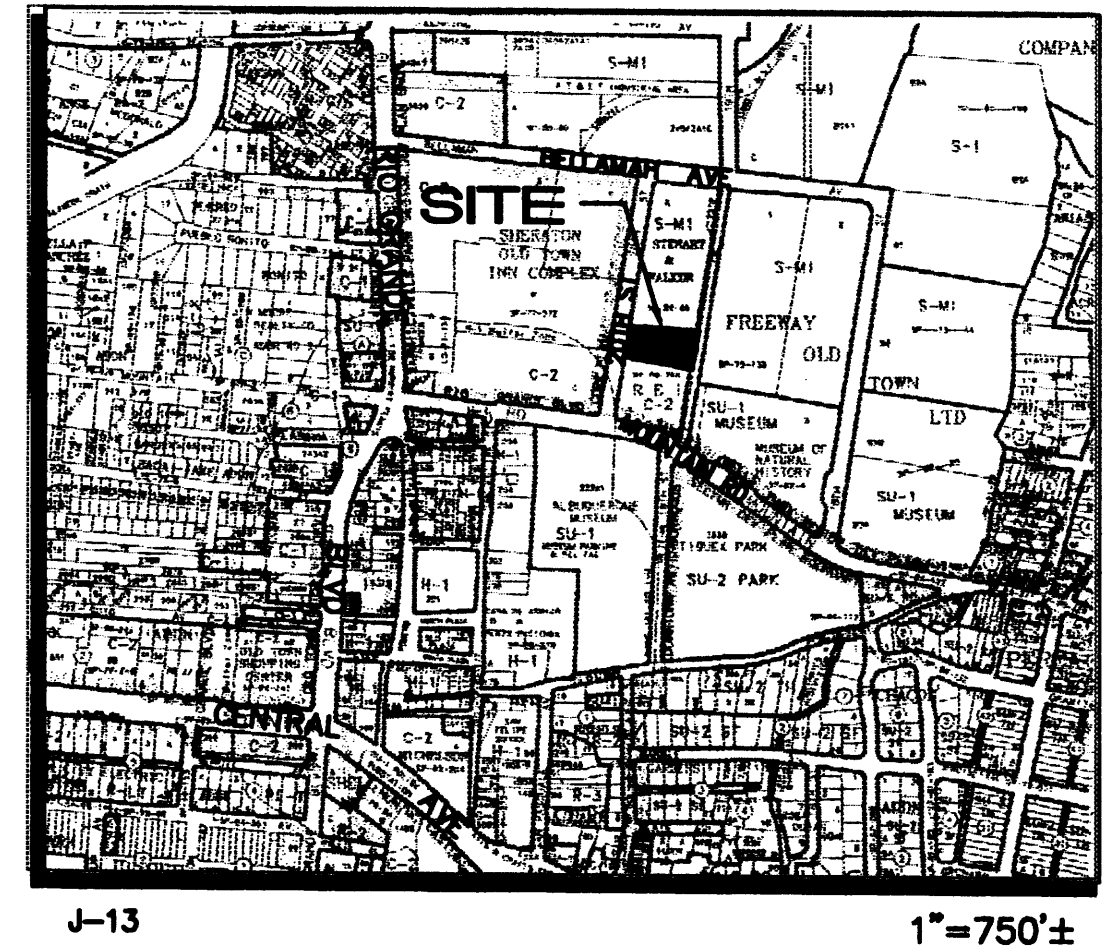
SHEET 2 OF 5

APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		
PERMIT NO.	MAP NO.	J-13



LEGEND

- 4957 — EXISTING CONTOUR
- G=56.24 EXISTING SPOT ELEVATION
- 56 — PROPOSED CONTOUR
- FLOW ARROW
- TC=55.7 TOP OF CURB ELEVATION
- FL=55.2 FLOWLINE ELEVATION
- TA=55.8 TOP OF ASPHALT ELEVATION
- C.O. CURB OPENING
- (BASIN A) BASIN BOUNDARY & BASIN ID



VICINITY MAP

SURVEYS: TOPOGRAPHIC SURVEY PREPARED BY TONY HARRIS (NMLS #11463) DATED JUNE, 2002.

LEGAL DESCRIPTION:
TRACT 238C-A-A-2-A
MRGD MAP NO. 38

AREA: 0.8058 ACRES

BENCHMARK: ACS STATION "5-J13A" LOCATED AT THE INTERSECTION OF MOUNTAIN ROAD & 19TH STREET. THE STATION IS A STANDARD BRASS TABLET SET FLUSH WITH THE NORTH CURB OF MOUNTAIN ROAD.
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EXISTING HYDROLOGY:
PRECIPITATION ZONE: 2
LAND TREATMENT: 100% A
Q100= (1.56)(.806) = 1.3 CFS
V100= [(0.53)(.806)]*43560/12 = 1551 CF

OFFSITE FLOWS:
THERE ARE NO OFFSITE FLOWS ENTERING THE SITE. A RAILROAD SPUR PARALLELS THE EAST BOUNDARY AND PREVENTS FLOWS TO CROSS. THE ADJACENT DEVELOPED TRACTS COLLECT THE STORM WATER ONSITE. THE STORM WATERS FROM THE NORTHERLY SITE (TRACT A, STEWART & WALKER) ARE COLLECTED IN A CATCH BASIN ONSITE AND DISCHARGED THROUGH A PIPE TO 20TH STREET. THE SOUTHERLY SITE ALSO HAS ONSITE PONDING WITH PIPED DISCHARGE TO THE BACK OF AN EXISTING INLET ON 20TH STREET. THE PARCEL AT THE NORTHWEST CORNER OF MOUNTAIN ROAD AND 20TH STREET HAS AN UNDERGROUND STORAGE FACILITY FOR THE FLOWS GENERATED ONSITE. THESE FLOWS ARE DISCHARGED THROUGH A JUNCTION BOX TO THE STORM DRAIN SYSTEM IN 20TH STREET. 20TH STREET PARALLELS THE WESTERLY BOUNDARY AND SLOPES TO THE SOUTH, AND THERE IS AN EXISTING STORM DRAIN. NO FLOWS FROM 20TH STREET ENTER THE SITE.

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THE PLANNED DEVELOPMENT IS A PAVED PARKING LOT WITH A MEDIAN AND LANDSCAPED AREAS. NO STRUCTURES ARE PROPOSED ONSITE. APPROXIMATELY 2/3 OF THE STORM WATERS WILL BE PONDED ON-SITE AND THE REMAINING 1/3 WILL BE DISCHARGED TO 20TH STREET.

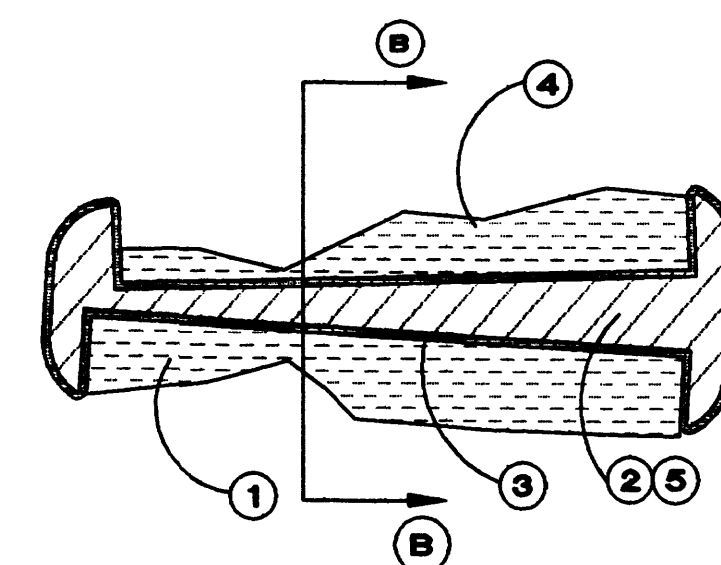
BASIN A IS THE WESTERLY PORTION OF THE SITE THAT WILL DRAIN TO 20TH STREET. BASIN B IS THE REMAINDER OF THE SITE THAT WILL BE PONDED ONSITE. THE FLOWS FROM THIS BASIN WILL BE COLLECTED IN THE MEDIAN THROUGH SEVEN 1-FOOT CURB OPENINGS.

PROPOSED HYDROLOGY:
BASIN A:
AREA: 0.298 AC.
LAND TREATMENT: 11% B, 12% C, 77% D
Q100= (2.28)(.033) + (3.14)(.036) + (4.70)(.229) = 1.3 CFS
V100= [(0.78)(.033)+(1.13)(.036)+(2.12)(.229)]*43560/12 = 2003 CF

BASIN B:
AREA: 0.508 AC
LAND TREATMENT: 12% B, 12% C, 76% D
Q100= (2.28)(.061) + (3.14)(.061) + (4.70)(.386) = 2.1 CFS
V100= [(.78)(.061)+(1.13)(.061)+(2.12)(.386)]*43560/12 = 3393 CF

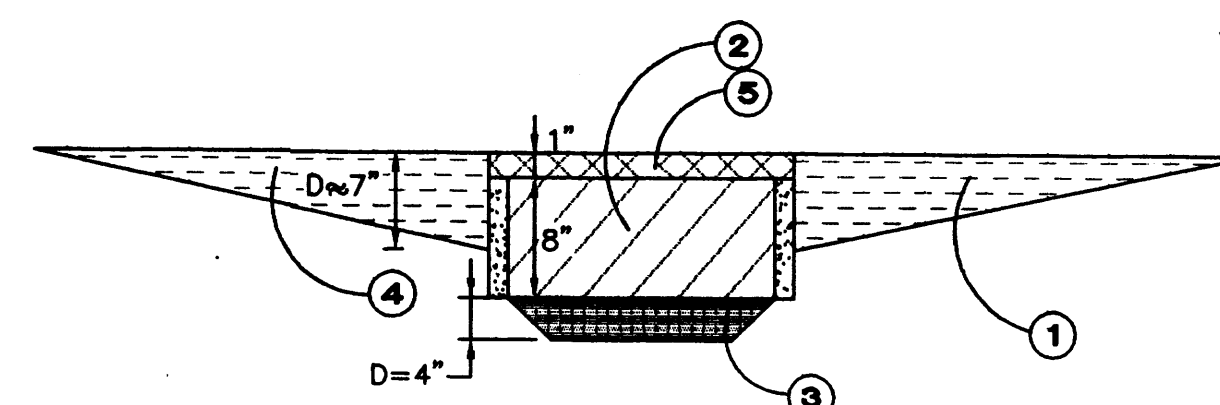
REQUIRED POND VOLUME = 3393 CF
PROVIDED POND VOLUME = 3413 CF (OK)

VOLUME CALCULATIONS



AREAS

- ① 1,903 SF
- ② 2,369 SF
- ③ 2,154 SF
- ④ 1,306 SF
- ⑤ 1,832 SF



SECTION B-B

VOLUME=AREA*DEPTH.

WSEL=4956.0

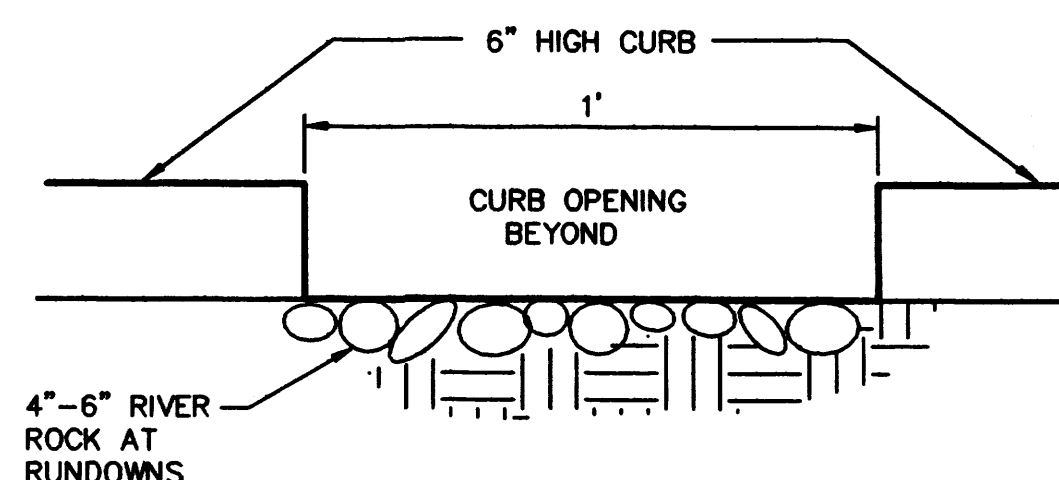
- 1. 1,903 SF * 0.6' * 1/2 = 571 CF
- 2. 2,369 SF * 8' * 1/2 = 1,579 CF
- 3. 2,154 SF * 1/2 = 718 CF
- 4. 1,306 SF * 0.6' * 1/2 = 392 CF
- 5. 1,832 SF * 1/2 = 153 CF

PUBLIC R.O.W. CONSTRUCTION NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION 1988."
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING LINES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE (RESIDENTIAL).
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

KEYED CONSTRUCTION NOTE

- BUILD NEW PRIVATE ENTRANCE PER COA STD DWG #2426 WITH HANDICAP RAMPS NORTH AND SOUTH PER SECTION A-A OF STD DWG. REMOVE CURB & GUTTER AND SIDEWALK AS REQUIRED.



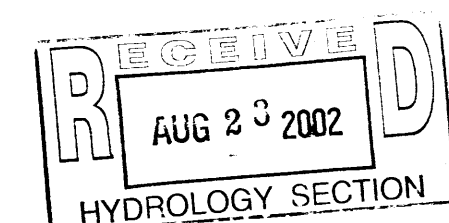
CURB OPENING AND RUNDOWN NTS

WEIR CALCULATIONS

$$Q = CLH^{1.5}$$

$$Q = (2.7)(1.0)(0.5)^{1.5}$$

$$Q = 1.35 \text{ CFS}$$



SAN FELIPE PLAZA PARKING LOT GRADING & DRAINAGE PLAN



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1225GRD.DWG 8/22/02