

CITY OF ALBUQUERQUE



October 18, 2010

Gregory J. Krenik, P.E.
Mark Goodwin & Associates
PO Box 90606
Albuquerque, NM 87199

**Re: St. Jude Thaddeus Church
Grading and Drainage Plan
Engineer's Stamp dated 10-14-10 (B11-D003)**

Dear Mr. Krenik,

Based upon the information provided in your Building Permit submittal received 10-14-2010, the above referenced plan is approved for Building Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

To obtain a Certificate of Occupancy, Engineer Certification of the Grading Plan per the DPM is required.

This project requires a Topsoil Disturbance Permit since it is disturbing $\frac{3}{4}$ of an acre or more.

If you have any questions, you can contact me at 924-3695.

Sincerely,

Curtis Cherne, PE
Sr. Engineer, Planning Department
Development and Building Services

C: File

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(Rev. 12/05)

PROJECT TITLE: St. Jude Thaddeus Church ZONE MAP/DRG. FILE # B-11/2003
DRB#: _____ EPC#: 10 EPC 40025 WORK ORDER#: _____

LEGAL DESCRIPTION: Unplatted land southwest of Unser and Paradise
CITY ADDRESS: 5712 Paradise Blvd NW, Albuquerque, NM 87114

ENGINEERING FIRM: Mark Goodwin & Associates, PE CONTACT: Gregory J. Krenik, PE
ADDRESS: PO Box 90606 PHONE: (505) 828-2200
CITY, STATE: Albuquerque, NM ZIP CODE: 87199

OWNER: St. Jude Thaddeus Church CONTACT: Michele Mullen
ADDRESS: 5712 Paradise Blvd NW PHONE: (505) 268-4144
CITY, STATE: Albuquerque, NM ZIP CODE: 87114

ARCHITECT: Mullen Heller Architecture, PC CONTACT: Michele Mullen
ADDRESS: 924 Park Avenue SW, Suite B PHONE: (505) 268-4144
CITY, STATE: Albuquerque, NM ZIP CODE: 87102

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
☐ DRAINAGE PLAN 1st SUBMITTAL
☒ DRAINAGE PLAN RESUBMITTAL
☐ CONCEPTUAL G & D PLAN
☒ GRADING PLAN
☐ EROSION CONTROL PLAN
☐ ENGINEER'S CERT (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT
☐ ENGINEER/ARCHITECT CERT (TCL)
☐ ENGINEER/ARCHITECT (DRB SITE PLAN)
☐ OTHER

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY (PERM)
☐ CERTIFICATE OF OCCUPANCY (TEMP)
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☒ YES
☐ NO
☐ COPY PROVIDED

SUBMITTED BY: Gregory J. Krenik, PE DATE: 10-14-10

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location and scope to the proposed development define the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.



- **LIGHT POLE**

- UNLESS OTHERWISE INDICATED, SPOT ELEVATIONS ARE TO NATURAL GRADE.

- | | |
|----|------------------------|
| TA | TOP OF ASPHALT |
| TC | TOP OF CURB / CONCRETE |

- ## CONCRETE BLOCK WALL

- STORM DRAIN LINE
- SANITARY SEWER

- _____ GAS LINE _____

-
- HANDICAP PARKING SPACE**

-

- NEW 07.70 NEW

- NEW
-
- C

- ① M.E.G. = MATCH EXISTING

- 11

- ↑
EXIST.
OUTFALL

- | | |
|-------|--|
| 48.46 | |
| 47.96 | |

- [illegible]

-

-

- 4888

- | | |
|--|--|
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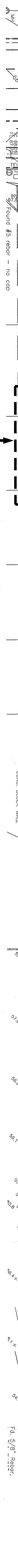
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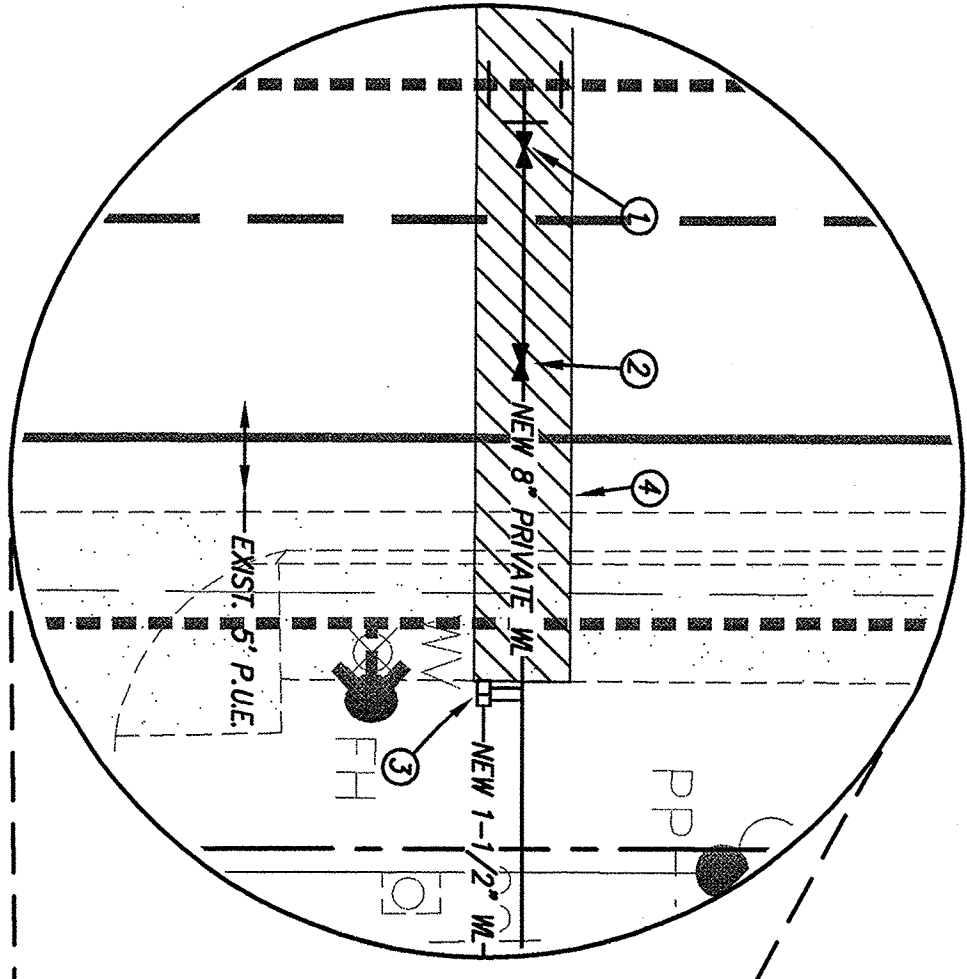
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- | | |
|-------|-------|
| 52.22 | 51.72 |
|-------|-------|

- 52

- FUTU





1. CONTRACTOR WILL CONTACT THE WATER AUTHORITY AT 857-8200, SEVEN (7) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY WATER AUTHORITY EMPLOYEES. SEE THIS SHEET FOR VALVE LOCATIONS.
3. SHUT OFF VALVES 940, 942 & 945 AT INTERSECTION OF PARADISE BLVD. & CHAPARRAL ST. TO 942 AND 945 AT THE INTERSECTION.

SCALE: 1" = 10'

KEY NOTES

- | | |
|----|---|
| 1 | NEW 6' RIGID COUPLER VALVE W/BOX
RESTRAINED |
| 2 | NEW 6' PRIVATE W/TE VALVE W/BOX
RESTRAINED |
| 3 | NEW 1" LAMPSHAFT METER |
| 4 | SANITLY RENOV & REFACE - 2.5 S.Y. SINKWALK
5 FT EXIST. C & B AND 15.5 S.Y. ASSULT |
| 5 | SANITLY RENOV & REFACE |
| 6 | NEW PRIVATE FIRE HYDRANT |
| 7 | CONCRETOE RD SPRAY NOSE MOUNT
OF EXIST. 12" PVC STORMDRAIN AFTER
C&B CUTTING, RENOVING AND DOWNSIZING
EXIST. 12" PVC STORMDRAIN
INSTALL 12" PVC 6'5' ELBOW, IN=54.832 |
| 8 | INSTALL 12" PVC 22.5' ELBOW, IN=53.782 |
| 9 | NEW 6' 4.5' BEND
RESTRAINED |
| 10 | NEW 6' 4.5' BEND
RESTRAINED |
| 11 | NEW 6' 4.5' BEND
NEW 6' PRIVATE W/TE VALVE & BOX
RESTRAINED |
| 12 | TOP OF 12" PVC 50' AS115
OVER 12" PVC STORMDRAIN |
| 13 | NEW 6' PRIVATE W/TE VALVE & BOX
RESTRAINED |
| 14 | NEW 6' PRIVATE W/TE VALVE & BOX
FLANGE ELEV=54.832 |
| 15 | TOP OF 12" PVC 50' AS115
OVER 12" PVC STORMDRAIN |
| 16 | NEW 6' 4.5' BEND
RESTRAINED |
| 17 | NEW 6' 4.5' BEND
RESTRAINED |
| 18 | NEW 4.5'x4'x6" WTE
IN=53.536 |
| 19 | NEW 6' 12'x4'x4" WTE
IN=51.917 |
| 20 | NEW 12'x12'x12" WTE
IN=51.445 |

LEGEND

	EMF
	ELECTRIC METER

- | | | |
|----|---|---|
| 9 | Q | Q&S METERS |
| 10 | Q | WATER VALVE |
| 11 | Q | WATER METERS |
| 12 | Q | SHUTTER SEWER MANHOLE |
| 13 | Q | SHUTTER |
| 14 | Q | SEPARATING CURB, WALK/BIKE |
| 15 | Q | SEWER |
| 16 | Q | SEWER MANHOLE |
| 17 | Q | POWER POLE |
| 18 | Q | ANCHOR |
| 19 | Q | LIGHT POLE |
| 20 | Q | OVERHEAD POWER LINE |
| 21 | Q | BARRIED POWER CONDUIT |
| 22 | Q | SHORT EXHAUSTION |
| 23 | Q | UNLESS OTHERWISE INDICATED, SPOOT ELEVATIONS ARE TO NATURAL GRADE |
| 24 | Q | EDGE OF CONCRETE |
| 25 | Q | EDGE OF PAVEMENT |
| 26 | Q | TOP OF ASPHALT |
| 27 | Q | TOP OF CURB / CONCRETE |
| 28 | Q | FINISH |
| 29 | Q | FINISHING |
| 30 | Q | EXISTING |

CONCRETE BLOCK WALL
WROUGHT IRON ENCLOSURE
STEEL DRAIN LINE
SANITARY SEWER
BARED TELEPHONE LINE
GAS LINE
WATER LINE
HANDICAP PARKING SPACE
NEW WATER LINE
NEW SANITARY SEWER
NEW STEEL DRAIN

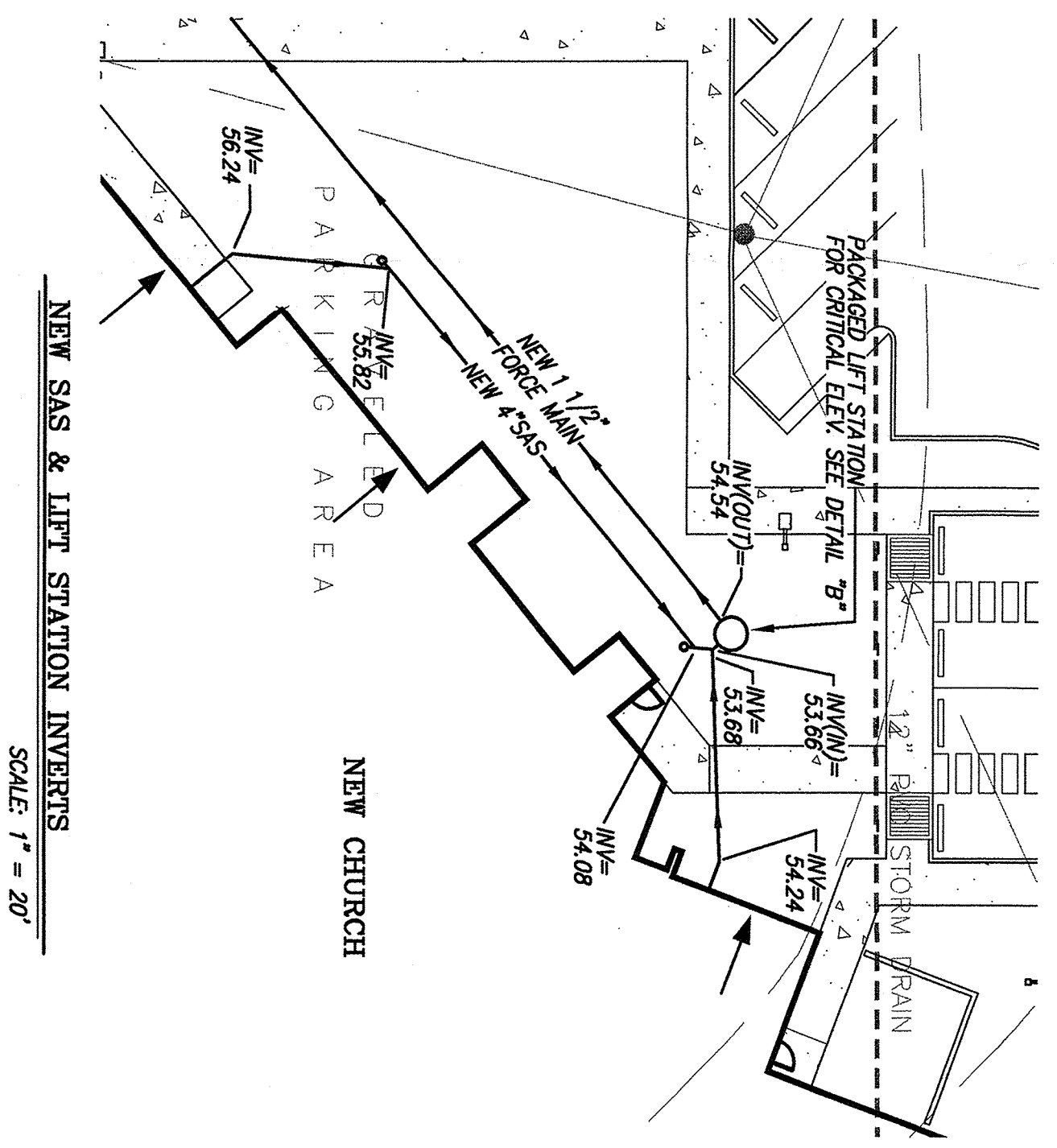
RM	GRADE	Q DISCHARGE	Q INLET	ALUM	ON	OFF
IN=57.15			IN=54.54			
IN=56.00			IN=53.86			
			IN=53.41			
			IN=52.74			
			IN=52.31			
			IN=50.83			

74.7"

BOTTOM OF WIND

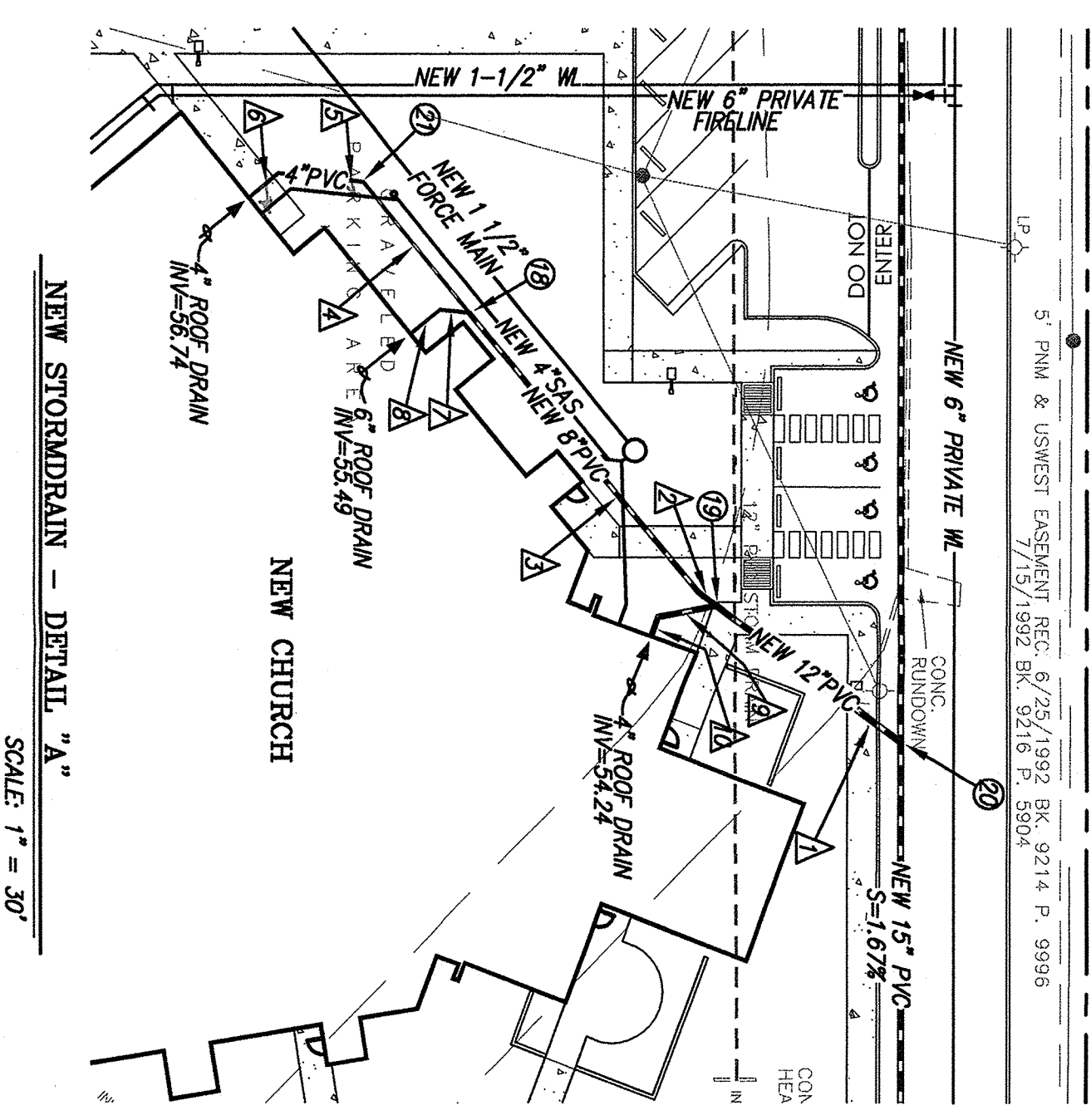
DIFFERENTIAL "B"

DATE	DESCRIPTION	AMOUNT	INITIALS
	ENVIRONMENT ONE QUADPLEX GRINDER PUMP STATION, MODEL MH484-75		NTS
NOTES:			
1. USE AS A DUPLEX SYSTEM FOR THIS INSTALLATION.			
2. FUTURE EXPANSION AS A TRIPLEX OR QUADPLEX IF			



NEW SAS & LIFT STATION INVERTS

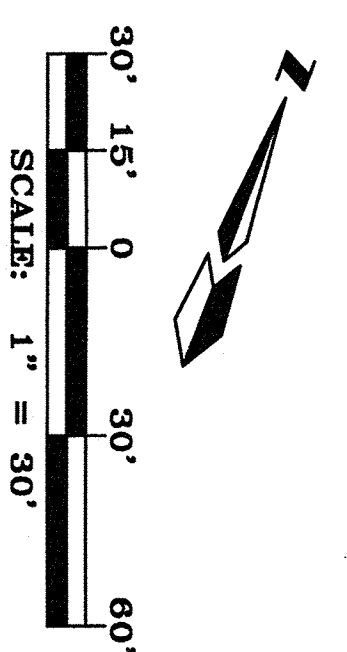
SCALE: 1" = 20'



NEW STORMDRAIN - DETAIL "A"
SCALE: 1" = 30'

BEARING & DISTANCE FOR 6° & 6° PRIVATE WL.		
1	102° 21' N, 68° 59' 35" W	6° PRIVATE WL. 100° 01' 05" E
2	17 1/2', N 65° 00' 00" W	6° PRIVATE WL. 108° 35' 35" W
3	6° PRIVATE WL. 68° 59' 35" W	3 1/4', N 67° 35' 35" W
4	6° PRIVATE WL. 68° 59' 35" W	6° PRIVATE WL. 108° 35' 35" W
5	21 1/4', S 1/2', N 69° 59' 35" W	6° PRIVATE WL. 108° 35' 35" W
6	6° PRIVATE WL. 108° 35' 35" W	4 6/8', N 69° 11' 25" E
7	N 62', N 60° 00' 00" E	

BEARING & DISTANCE FOR 4", 8", 12" & 15" PVC SD



dmj
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