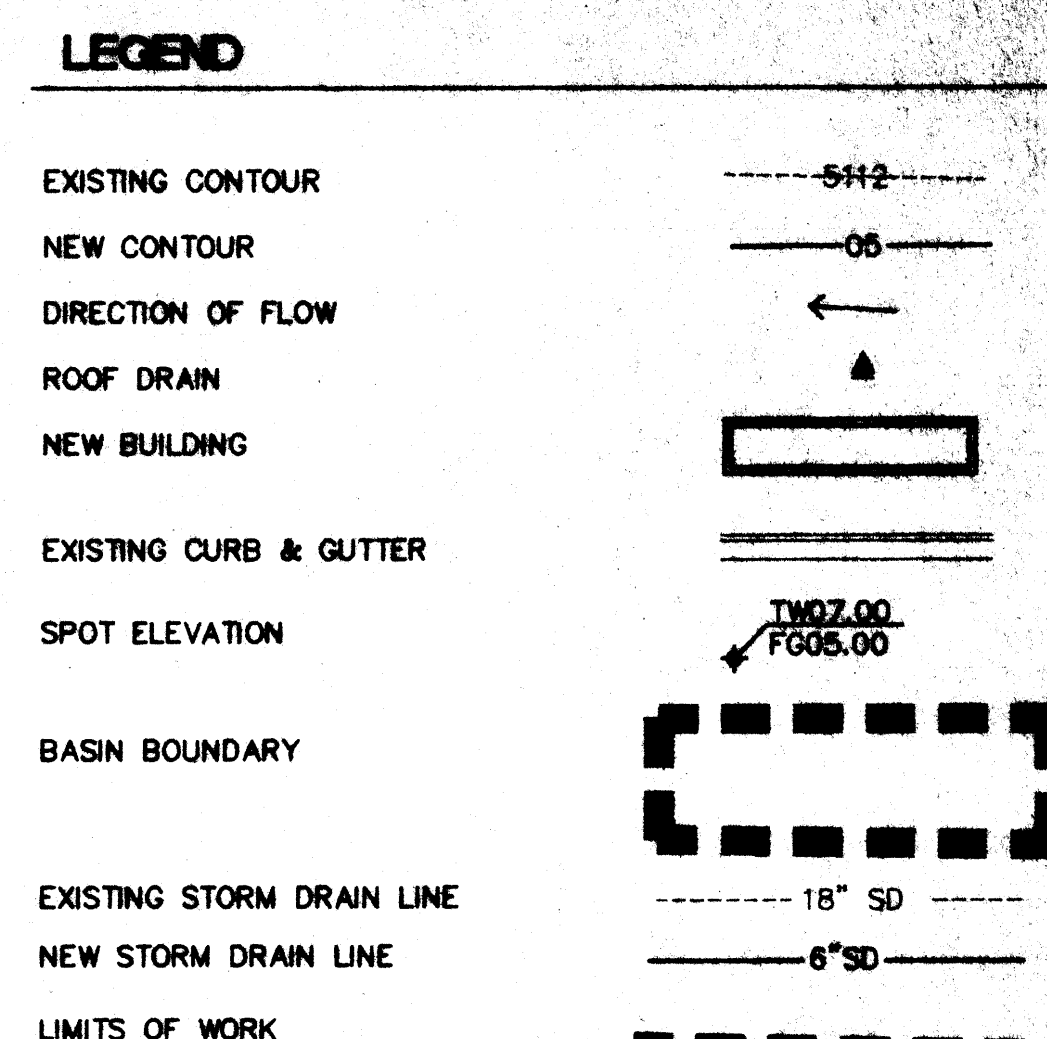
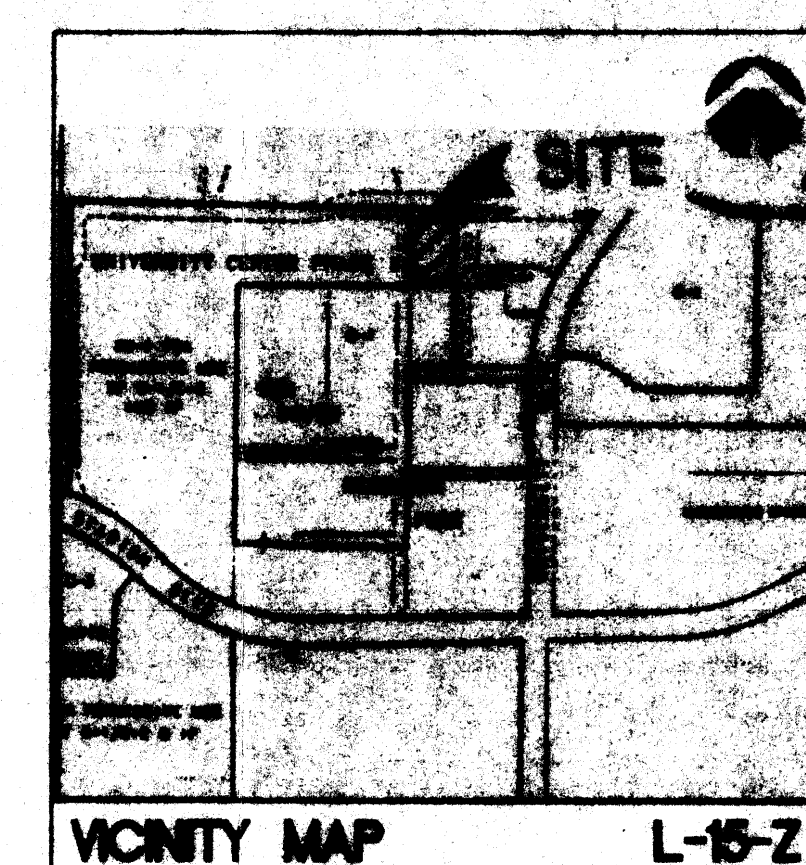
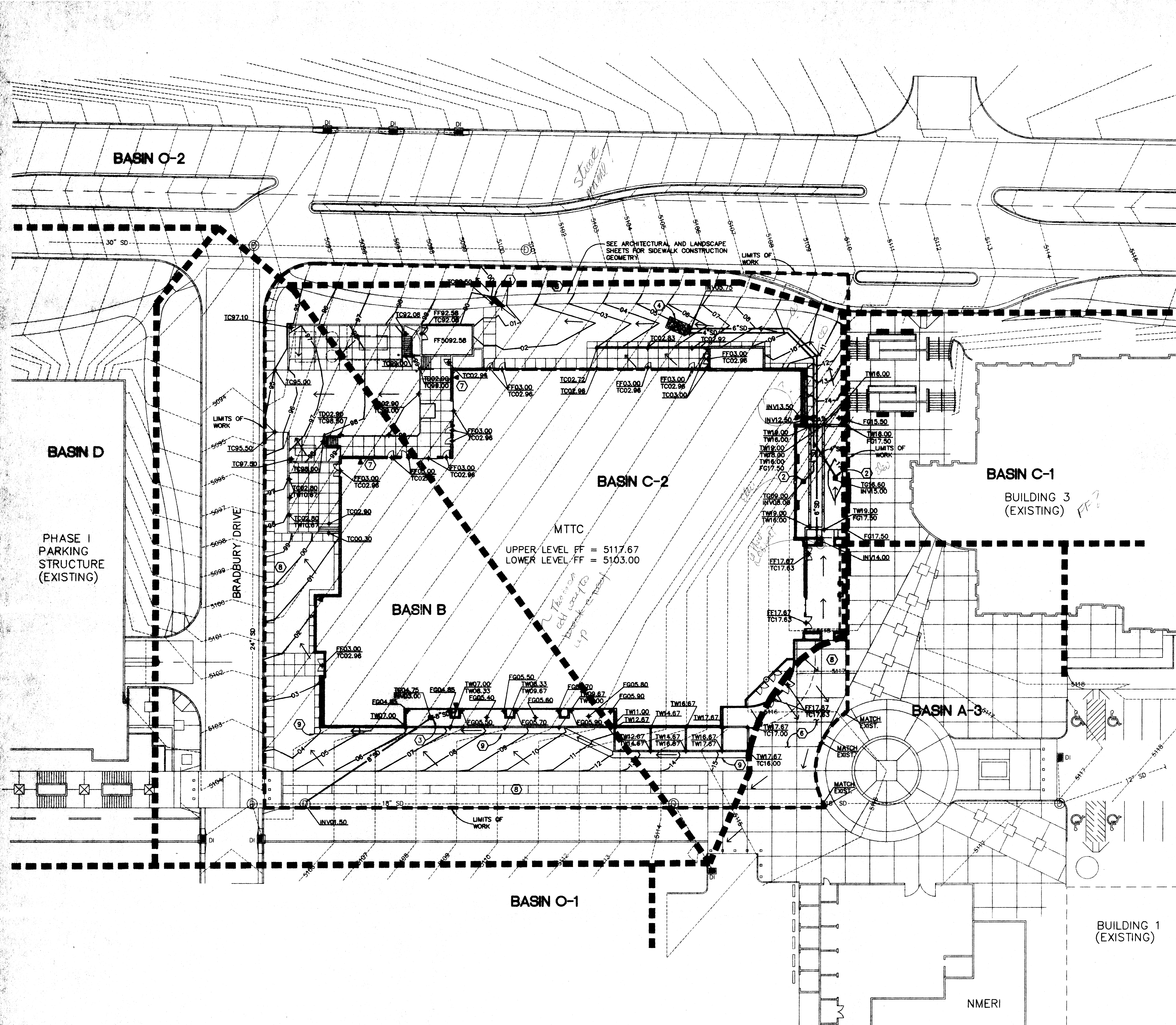




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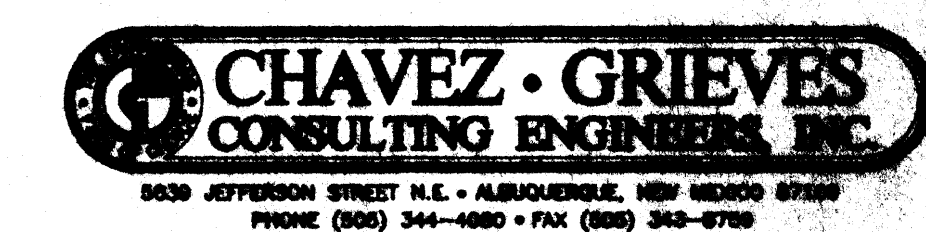
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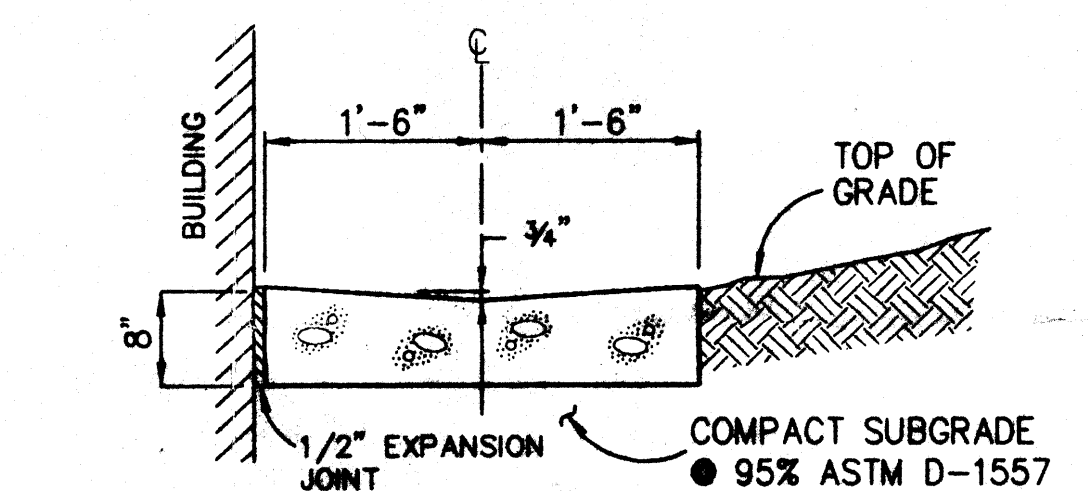
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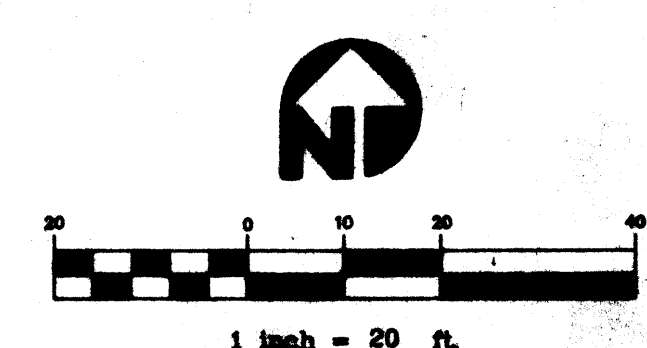
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CONCRETE VALLEY GUTTER

GRADING AND DRAINAGE PLAN



MTTC

DCSW

design

architect

collaborative

southwest inc.

engineer

105 4th st. sw

albuquerque, nm

87102

job no: 9536

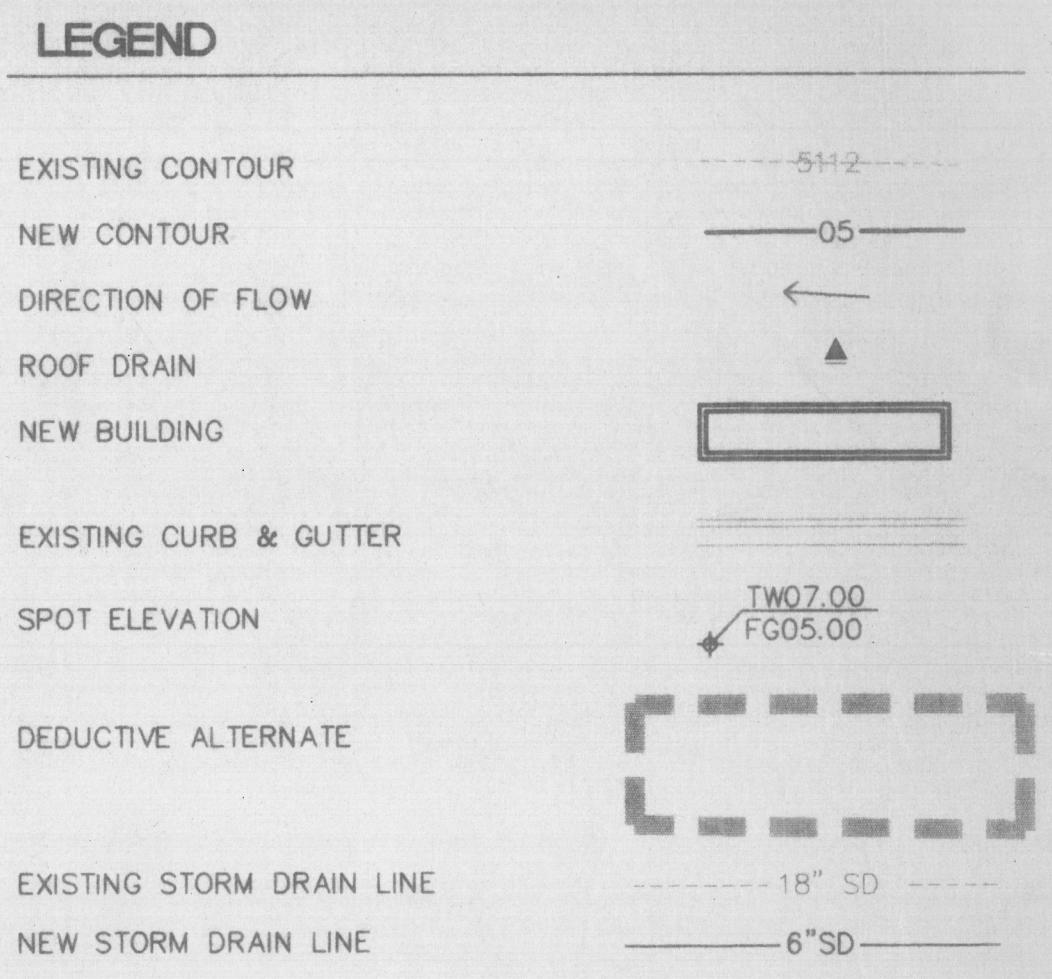
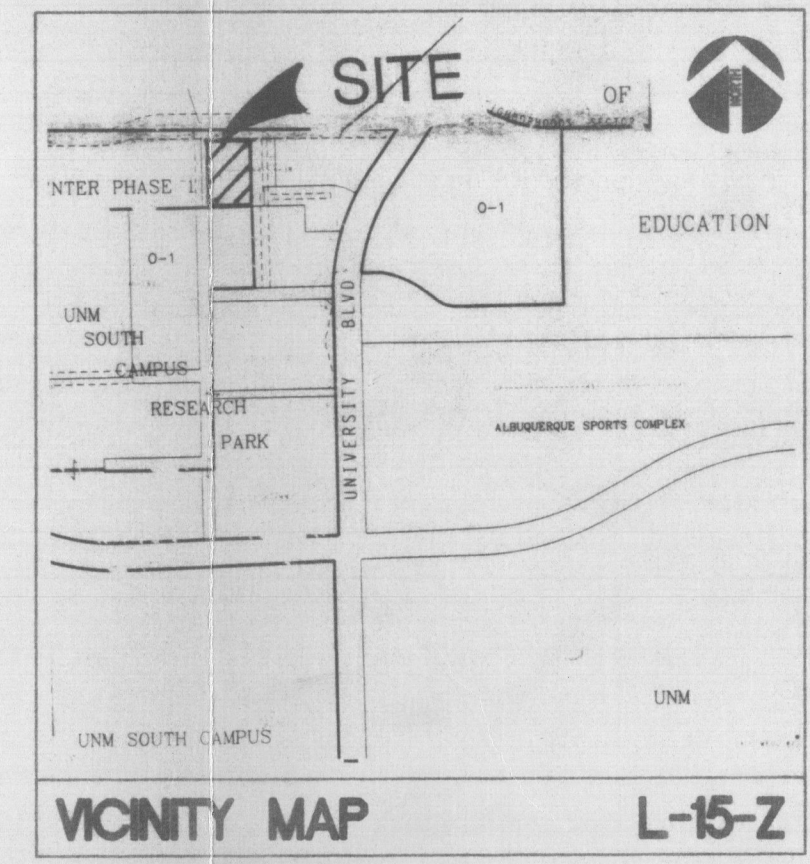
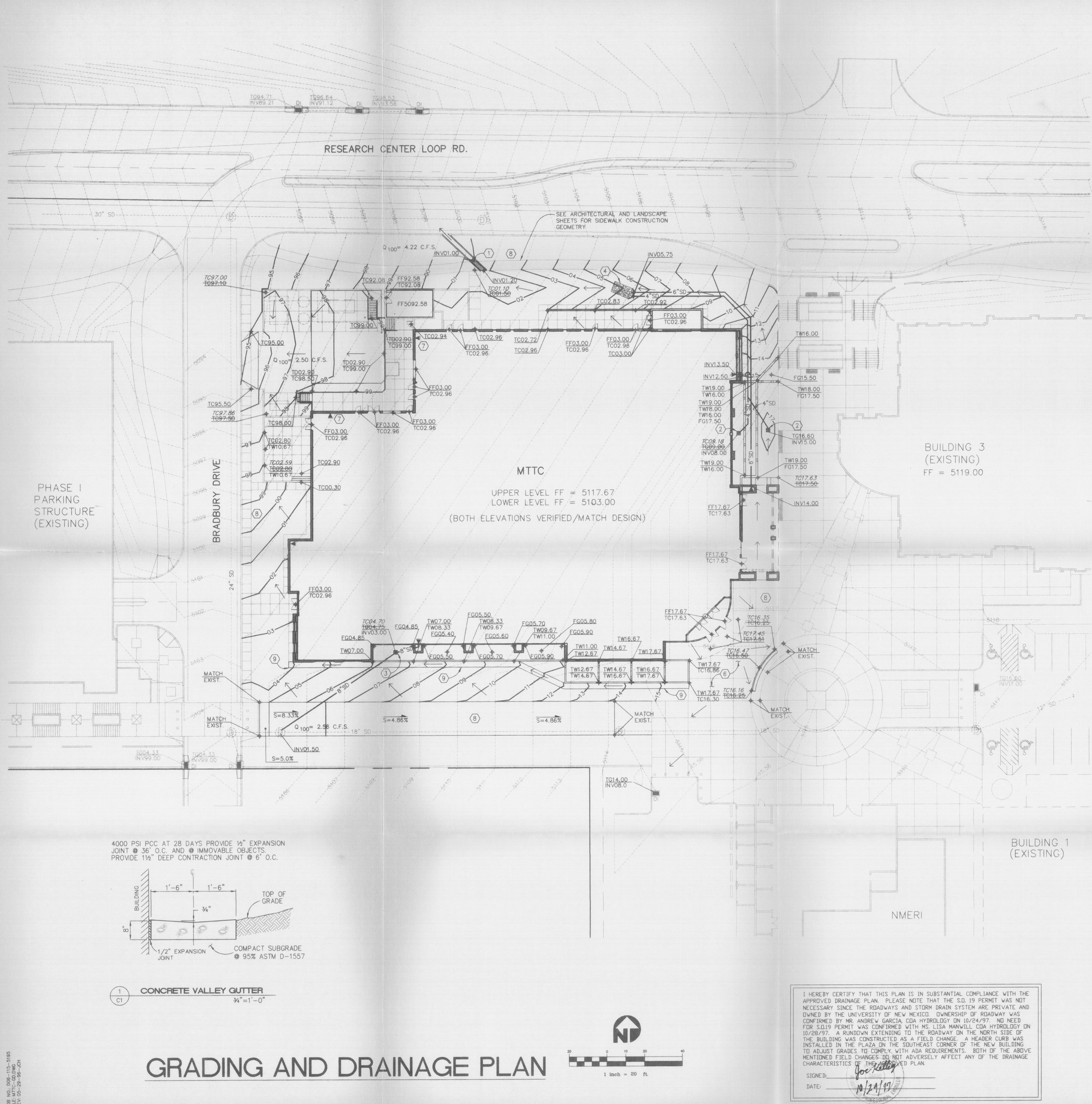
date: 03-15-96

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505-843-9639



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ACS BENCHMARK "K15-5" BRASS TABLET SET IN TOP OF CONCRETE POST SET FLUSH WITH THE GROUND. ELEV=5117.82.

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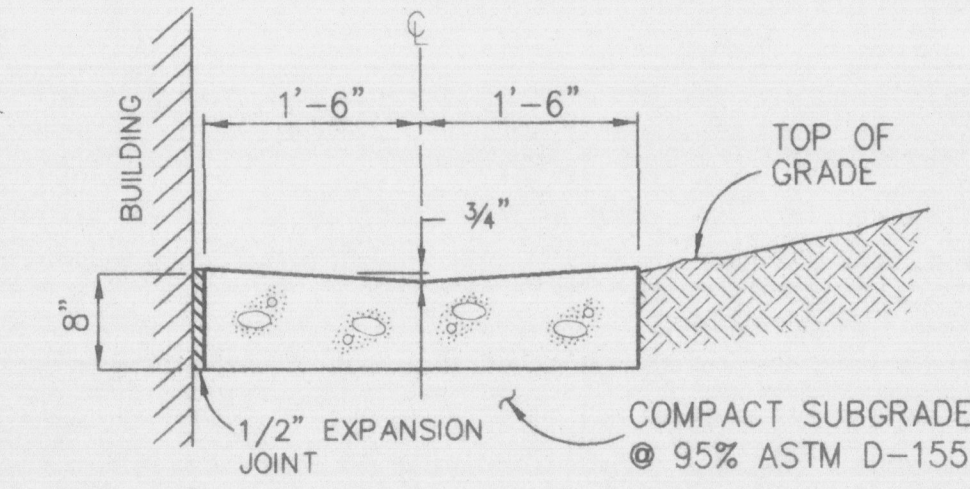
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 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 5. THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (765-2551) PRIOR TO OCCUPYING PUBLIC RIGHT-OF-WAY. SEE SECTION 16 OF THE SPECIFICATIONS. STREET STRIPING ALTERED OR DESTROYED SHALL BE REPAID IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED**
- ALL UTILITIES AND UTILITY SERVICE UNITS SHALL BE INSTALLED PRIOR TO PAVING.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
 - TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
 - SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - IF CURB IS DEEPENED FOR A DRIVEPAD OR A HAN CAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
 - ✓ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

APPROVAL	NAME	DATE
A.C.E./DESIGN		
INSPECTOR		
A.C.E./FIELD		

HYDROLOGY SECTION

OCT 30 1997

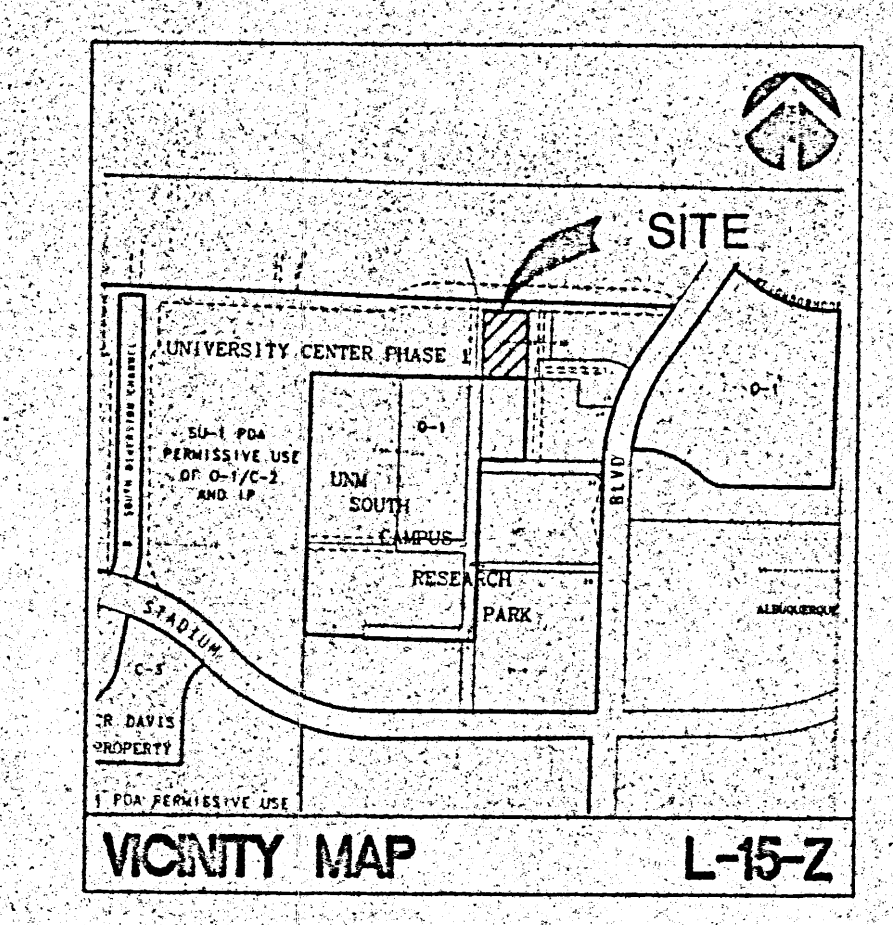
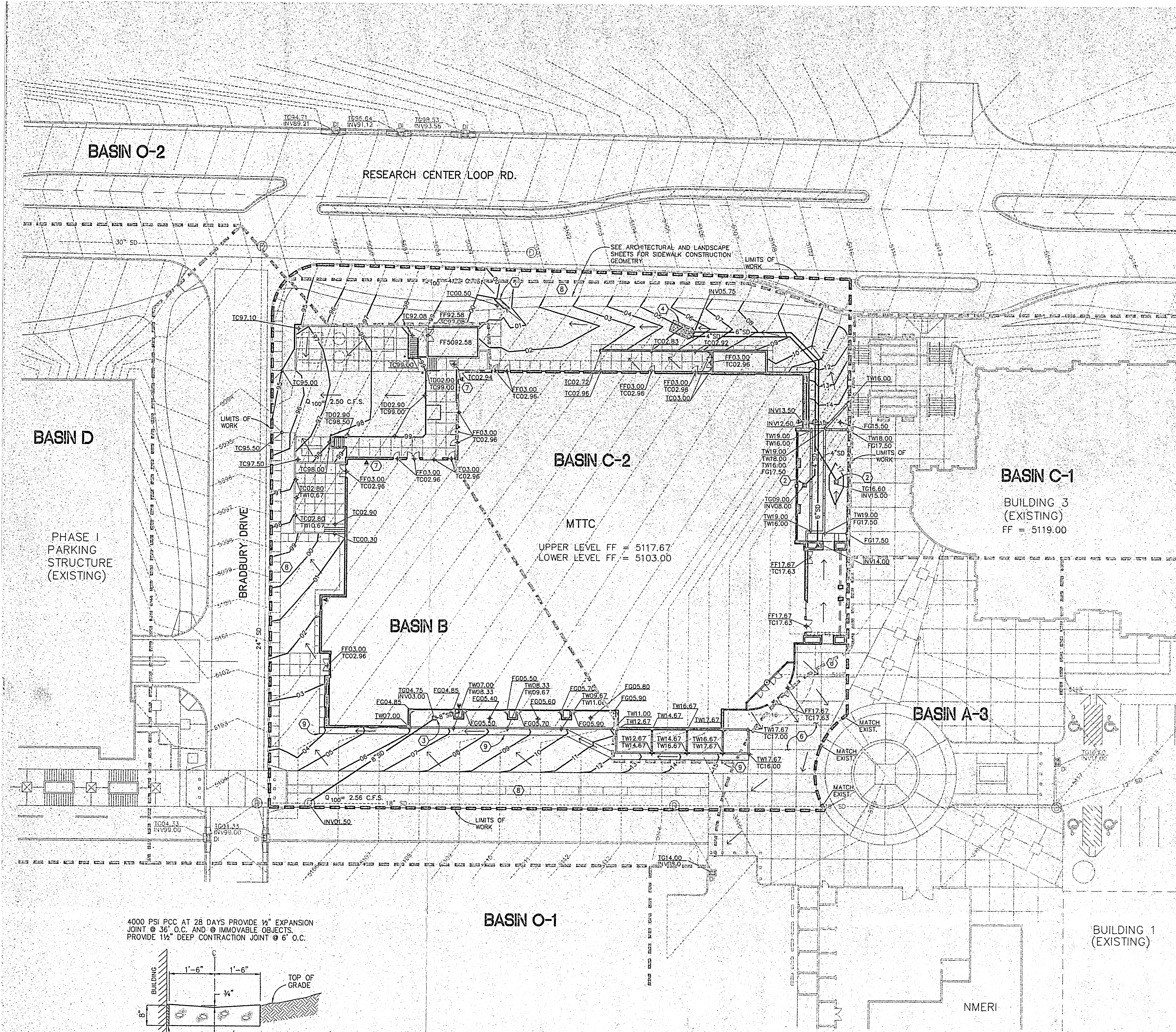
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CONCRETE VALLEY GUTTER
3/4" = 1'-0"

I HEREBY CERTIFY THAT THIS PLAN IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN. PLEASE NOTE THAT THE S.D. 19 PERMIT WAS NOT NECESSARY SINCE THE ROADWAYS AND STORM DRAIN SYSTEM ARE PRIVATE AND OWNED BY THE UNIVERSITY OF NEW MEXICO. OWNERSHIP OF ROADWAY WAS CONFIRMED BY MR. ANDREW GARCIA, CDA HYDROLOGY ON 10/24/97. NO NEED FOR S.D. 19 PERMIT WAS CONFIRMED WITH MS. LISA MANWILL, CDA HYDROLOGY ON 10/28/97. A RUNDOWN EXTENDING TO THE ROADWAY ON THE NORTH SIDE OF THE BUILDING WAS CONSTRUCTED AS A FIELD CHANGE. A HEADER CURB WAS INSTALLED IN THE PLAZA ON THE SOUTHEAST CORNER OF THE NEW BUILDING TO ADJUST GRADES TO COMPLY WITH ADA REQUIREMENTS. BOTH OF THE ABOVE MENTIONED FIELD CHANGES DO NOT ADVERSELY AFFECT ANY OF THE DRAINAGE CHARACTERISTICS OF THE APPROVED PLAN.

SIGNED: *Joe Kelly*
DATE: 10/24/97



VICINITY MAP

LEGEND

EXISTING CONTOUR	---
NEW CONTOUR	---
DIRECTION OF FLOW	---
ROOF DRAIN	---
NEW BUILDING	---
EXISTING CURB & GUTTER	---
SPOT ELEVATION	---
DEDUCTIVE ALTERNATE	---
EXISTING STORM DRAIN LINE	---
NEW STORM DRAIN LINE	---
LIMITS OF WORK	---

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MTTC

revisions:

design

architect

collaborative

southwest inc.

engineer

105 4th st. sw.

albuquerque, nm.

87102

job no: 9536

date: 03-15-96

sheet 1 of 1

505-843-9639

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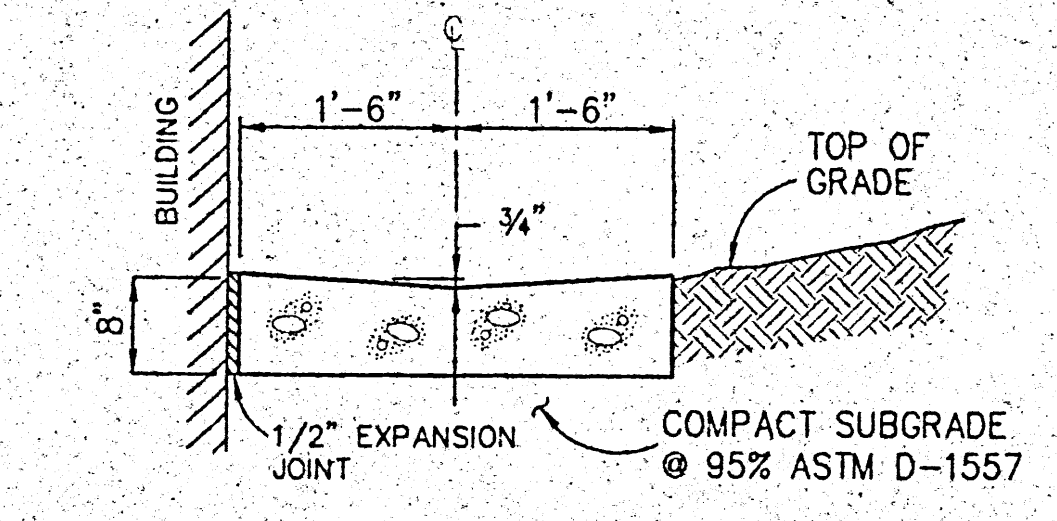
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- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT THE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE TWO WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (765-2551) PRIOR TO OCCUPYING PUBLIC RIGHT-OF-WAY. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

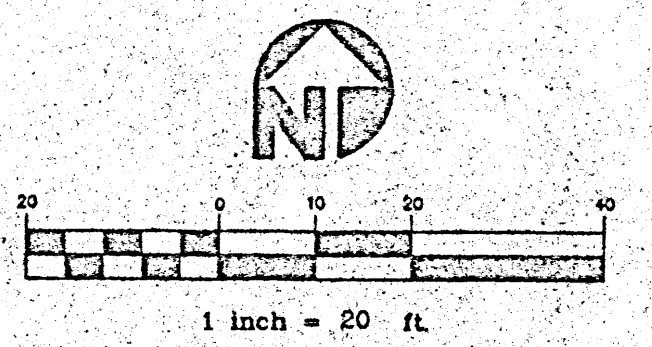
APPROVALS	NAME	DATE
A.C.E./DESIGN	John M. M... 5-30-96	
INSPECTOR		
A.C.E./FIELD		

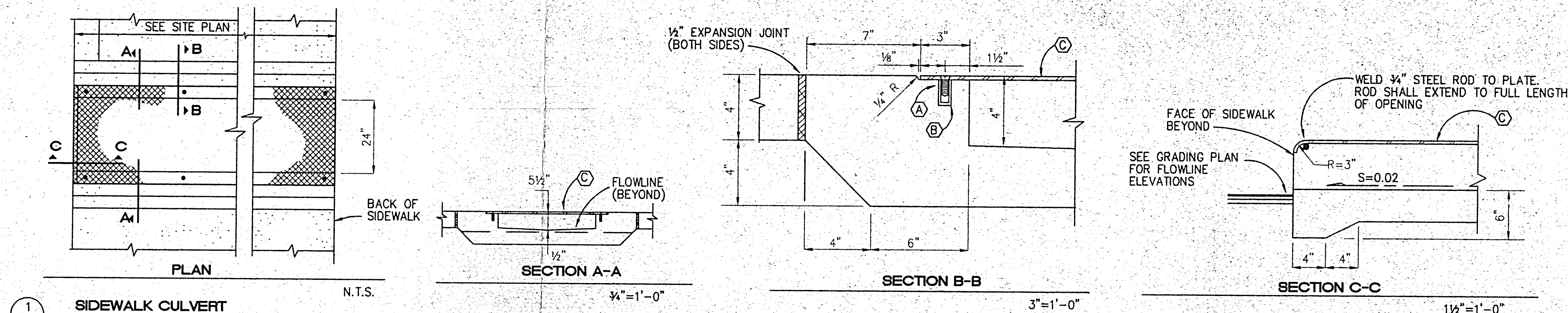
4000 PSI PCC AT 28 DAYS PROVIDE 1/2" EXPANSION JOINT @ 36" O.C. AND 0" IMMOVABLE OBJECTS. PROVIDE 1/2" DEEP CONTRACTION JOINT @ 6' O.C.



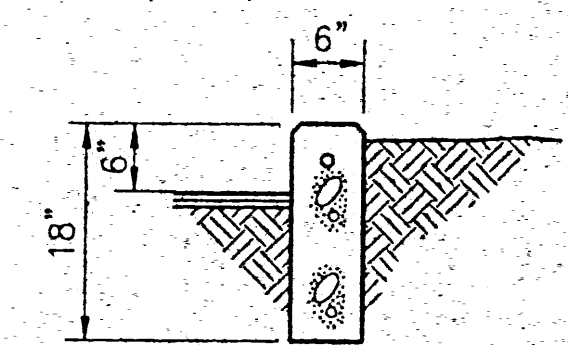
CONCRETE VALLEY GUTTER
3/4" = 1'-0"

GRADING AND DRAINAGE PLAN

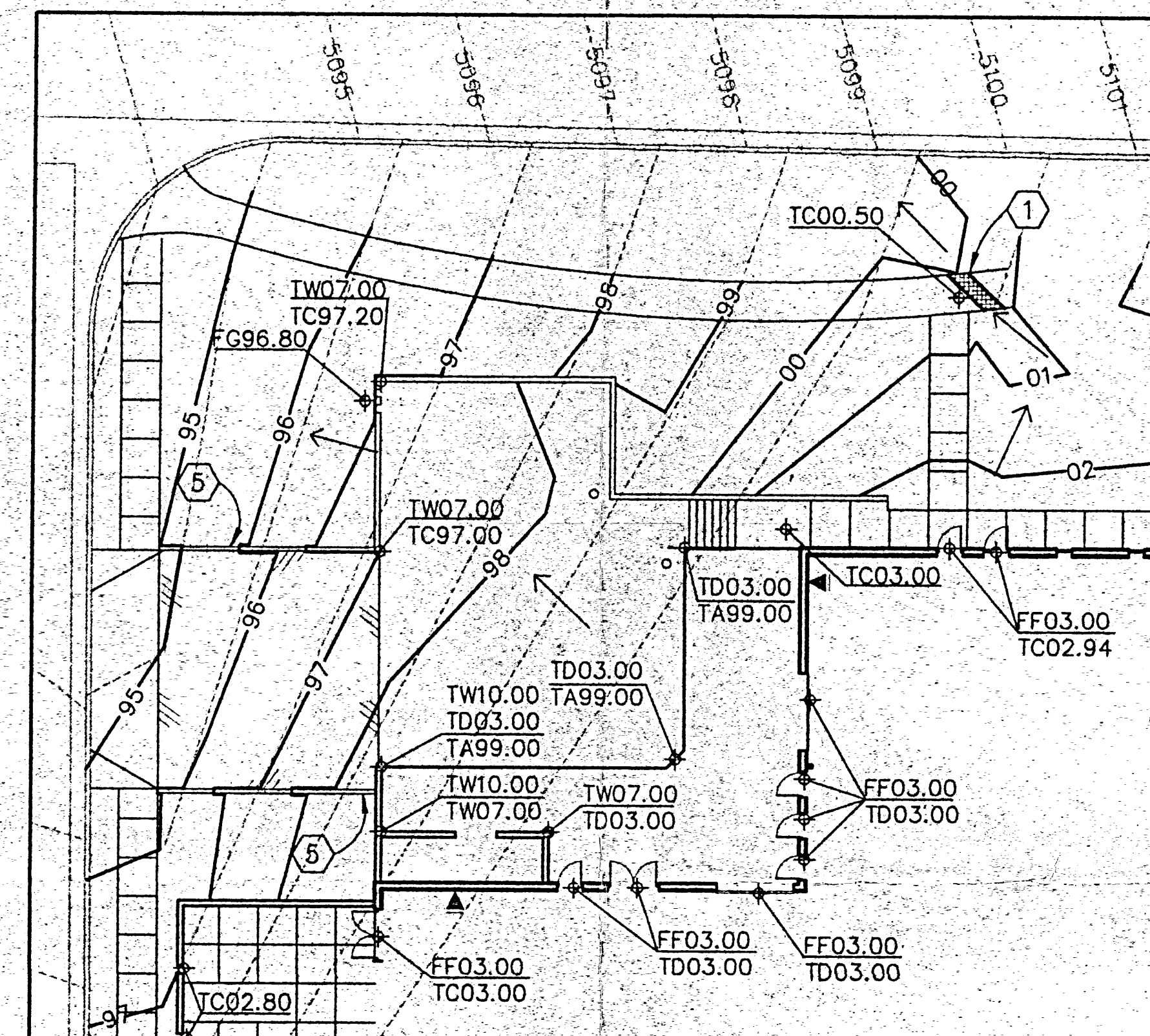
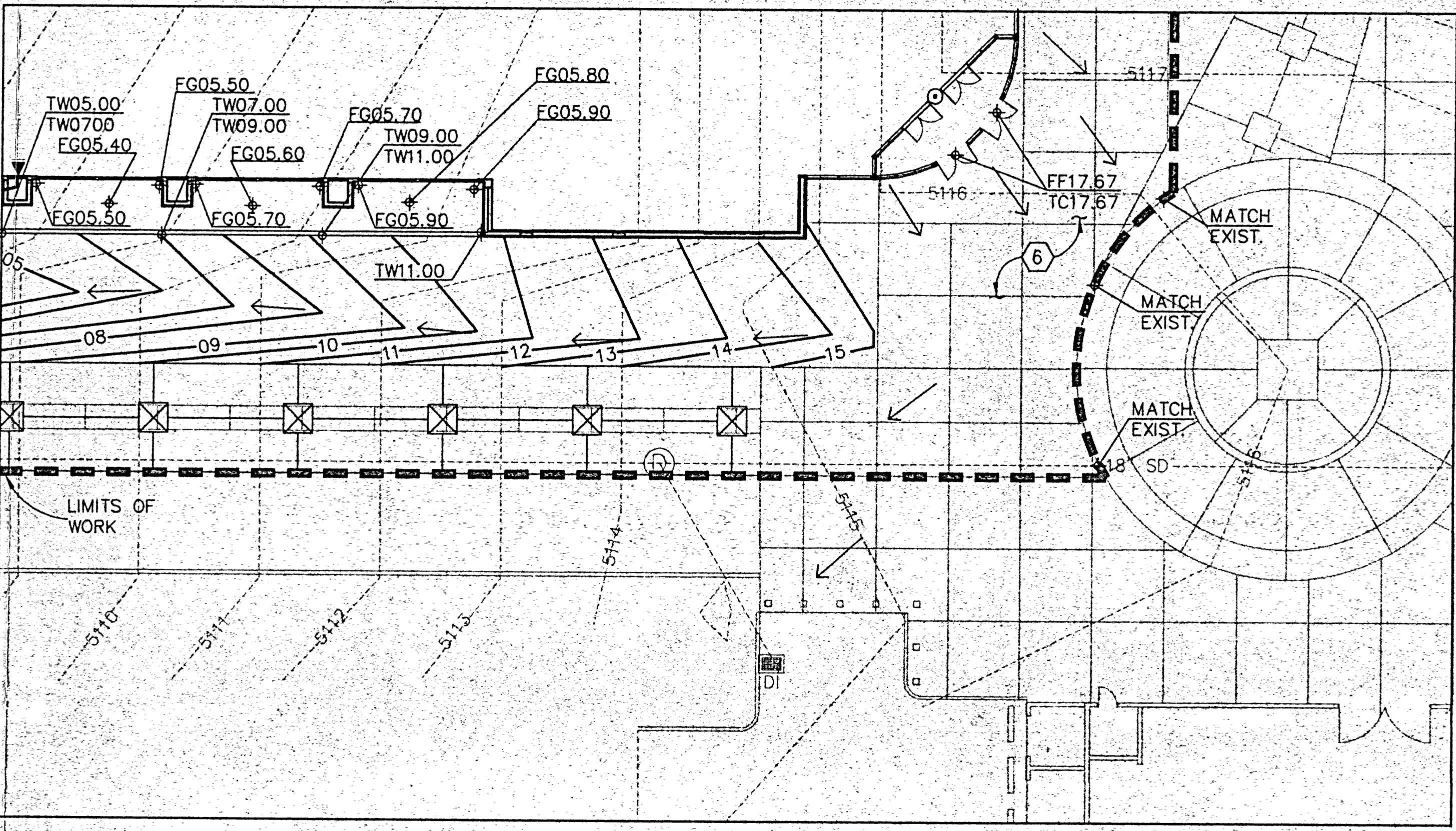
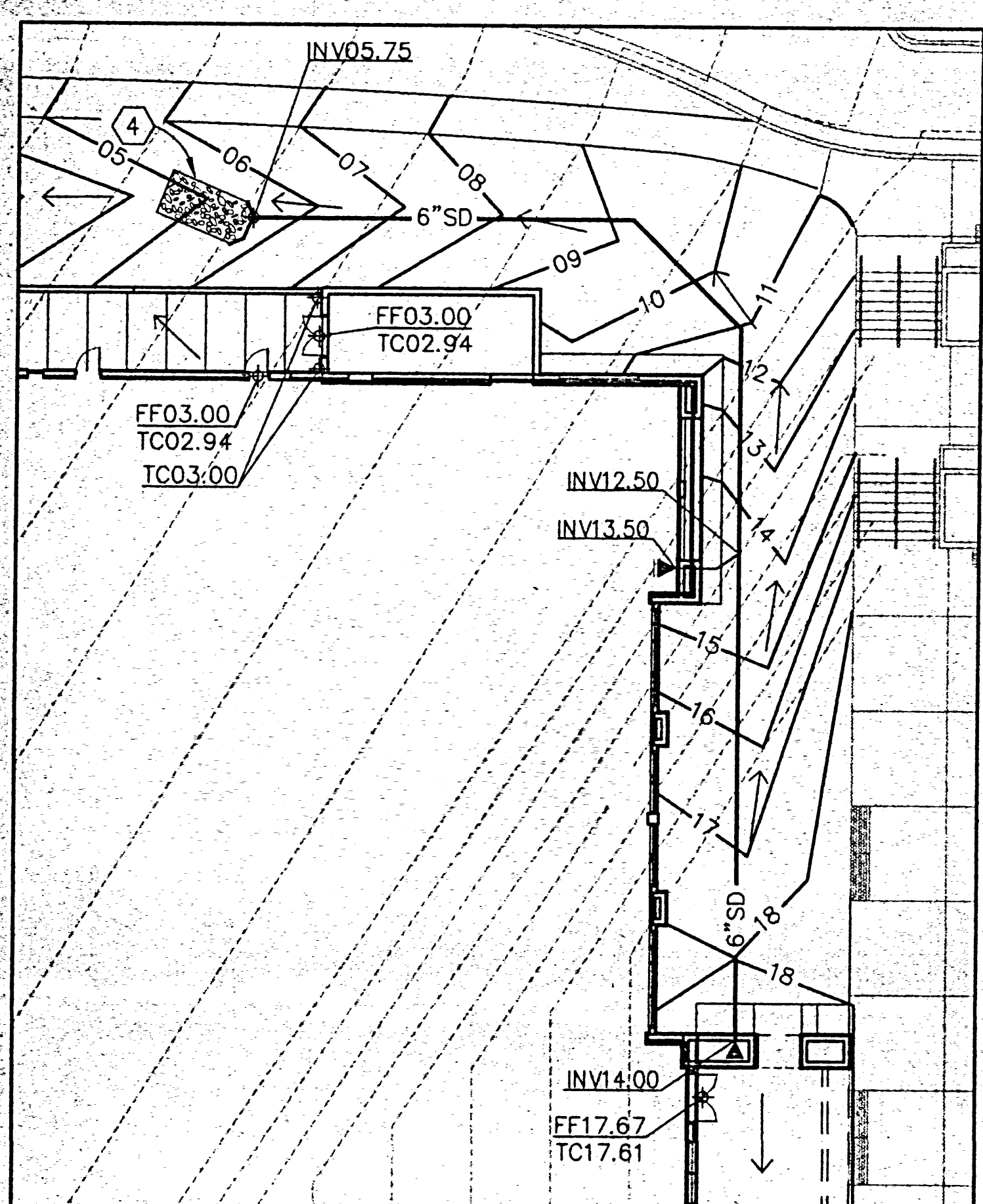
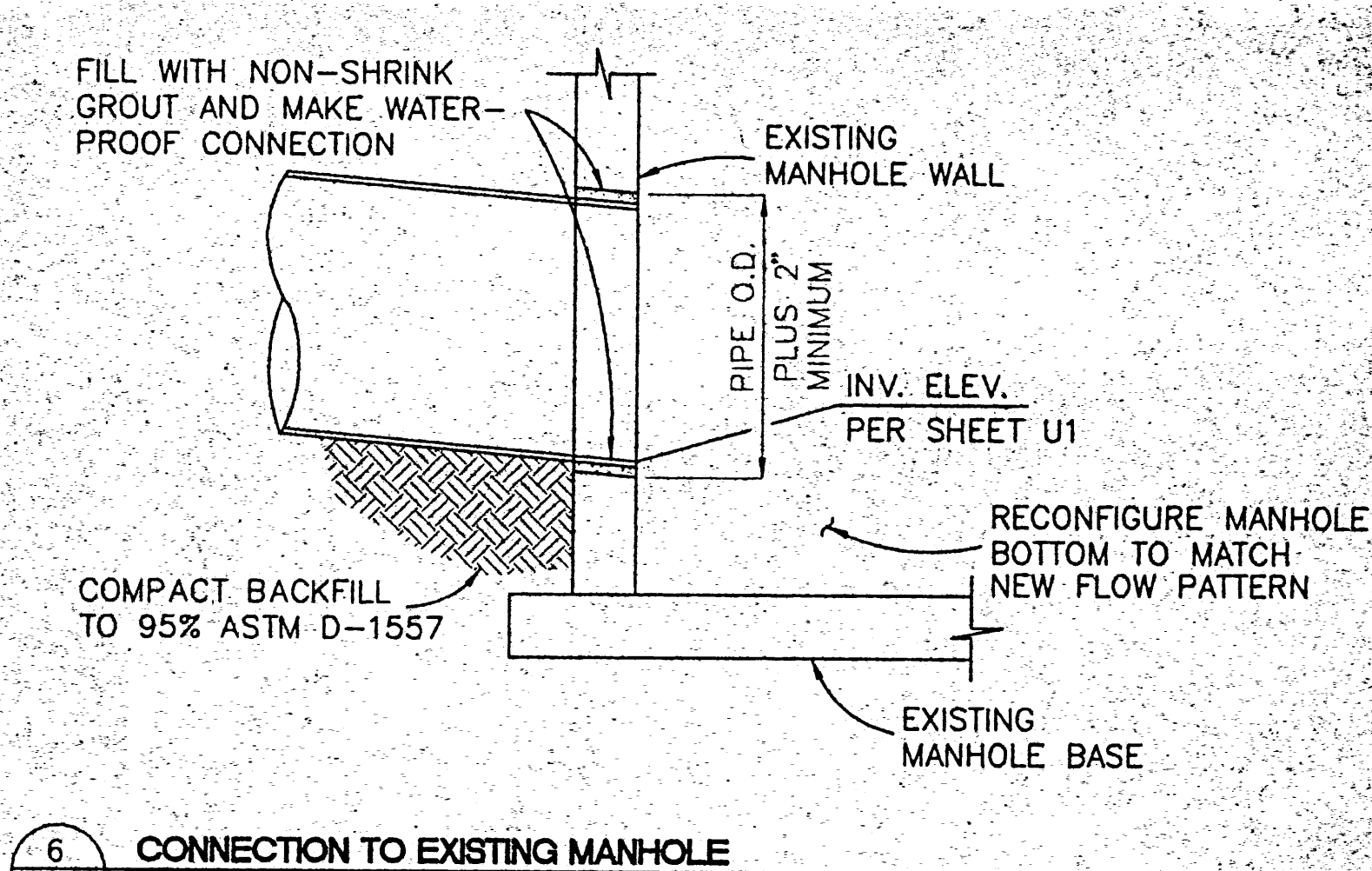
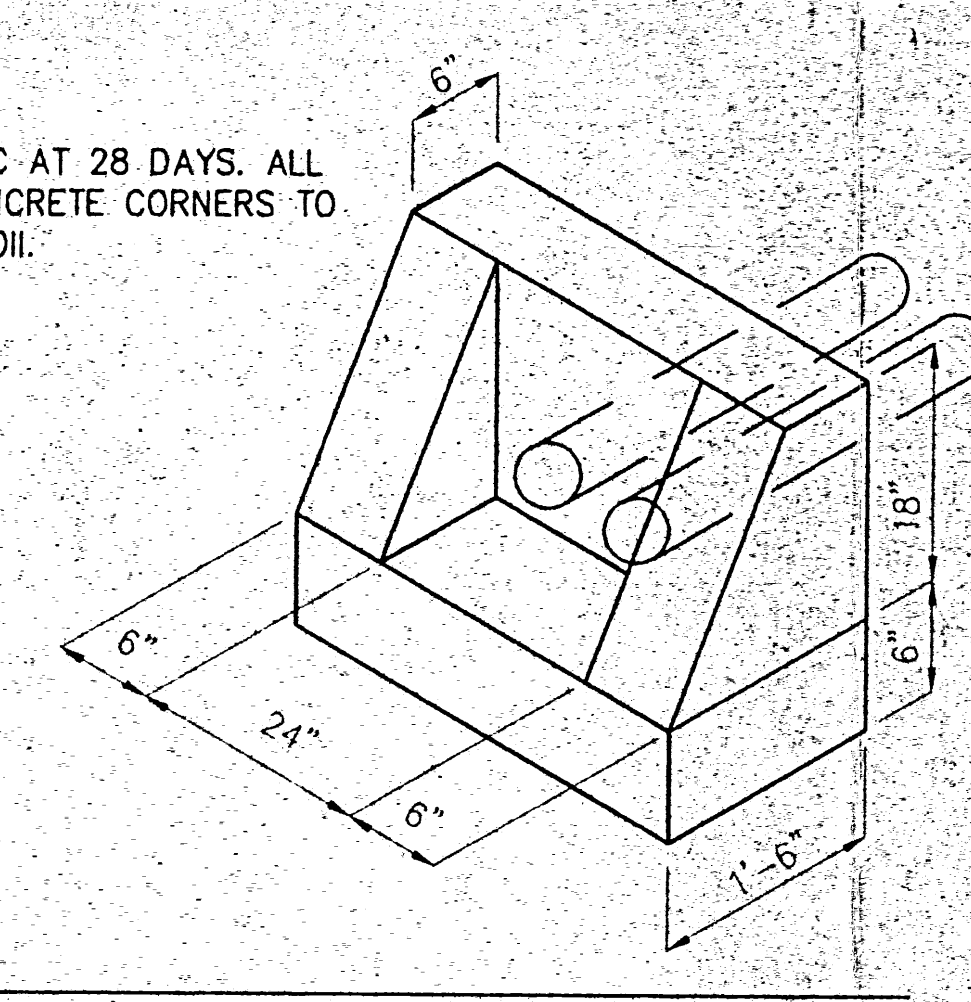
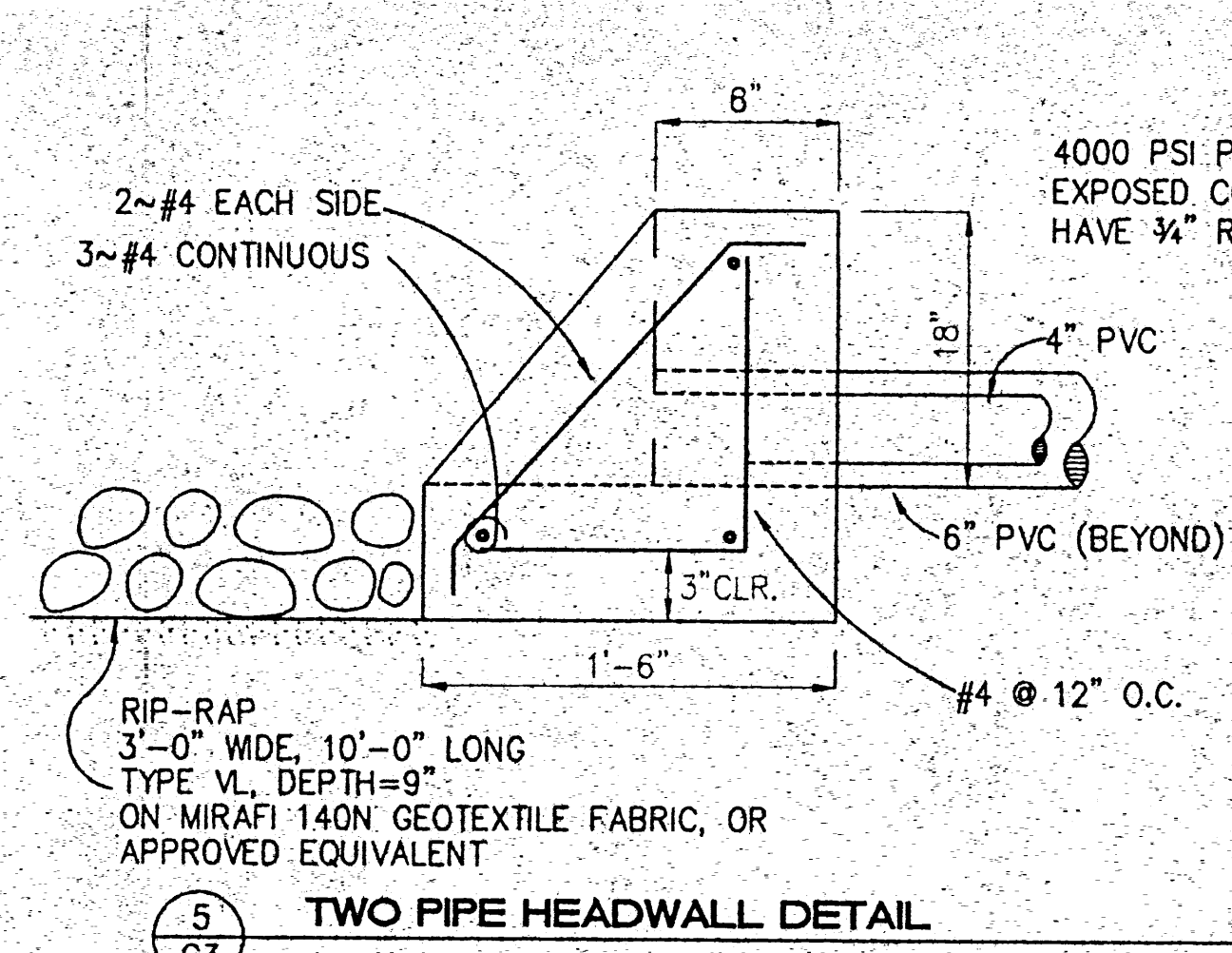
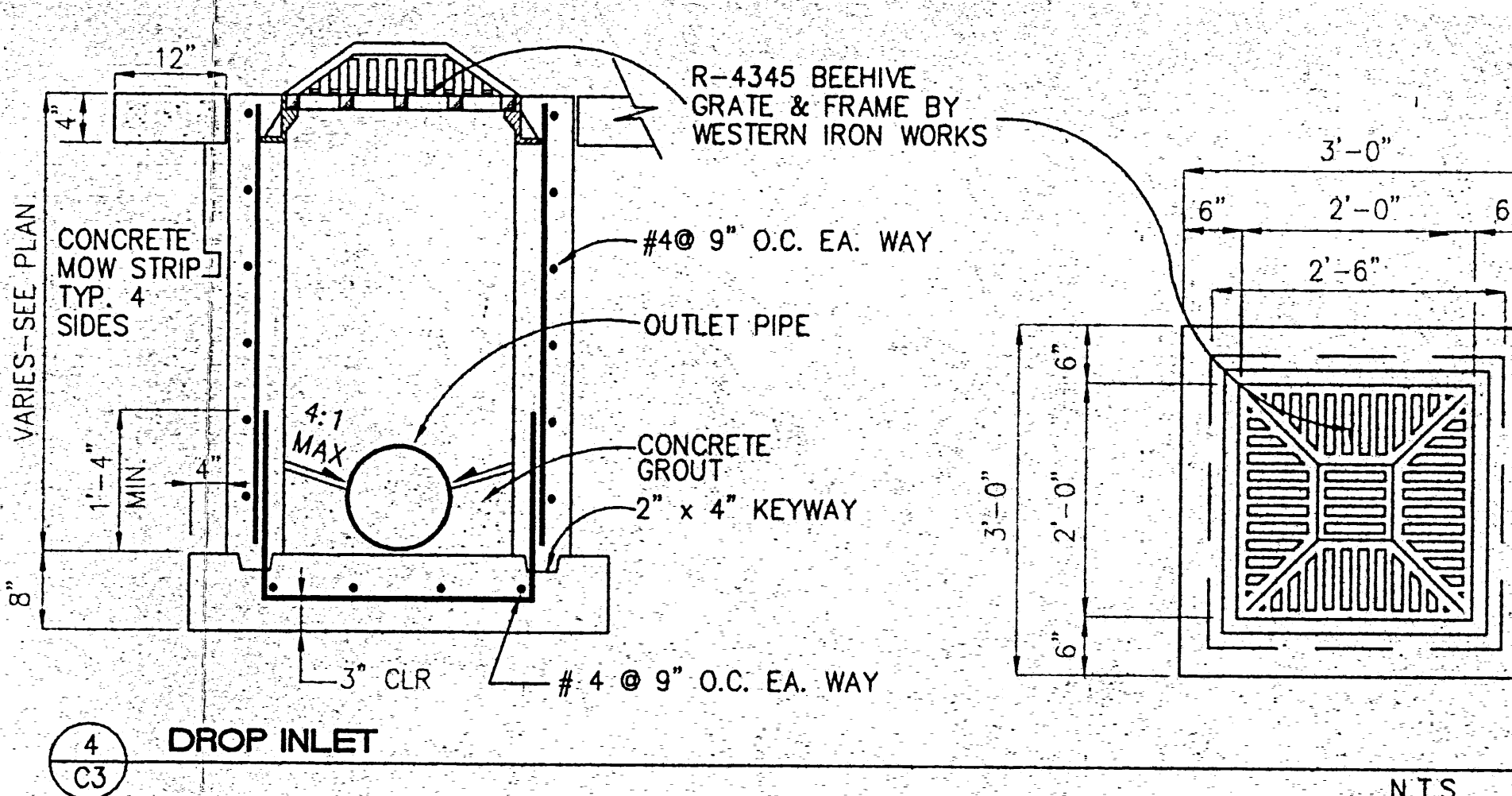
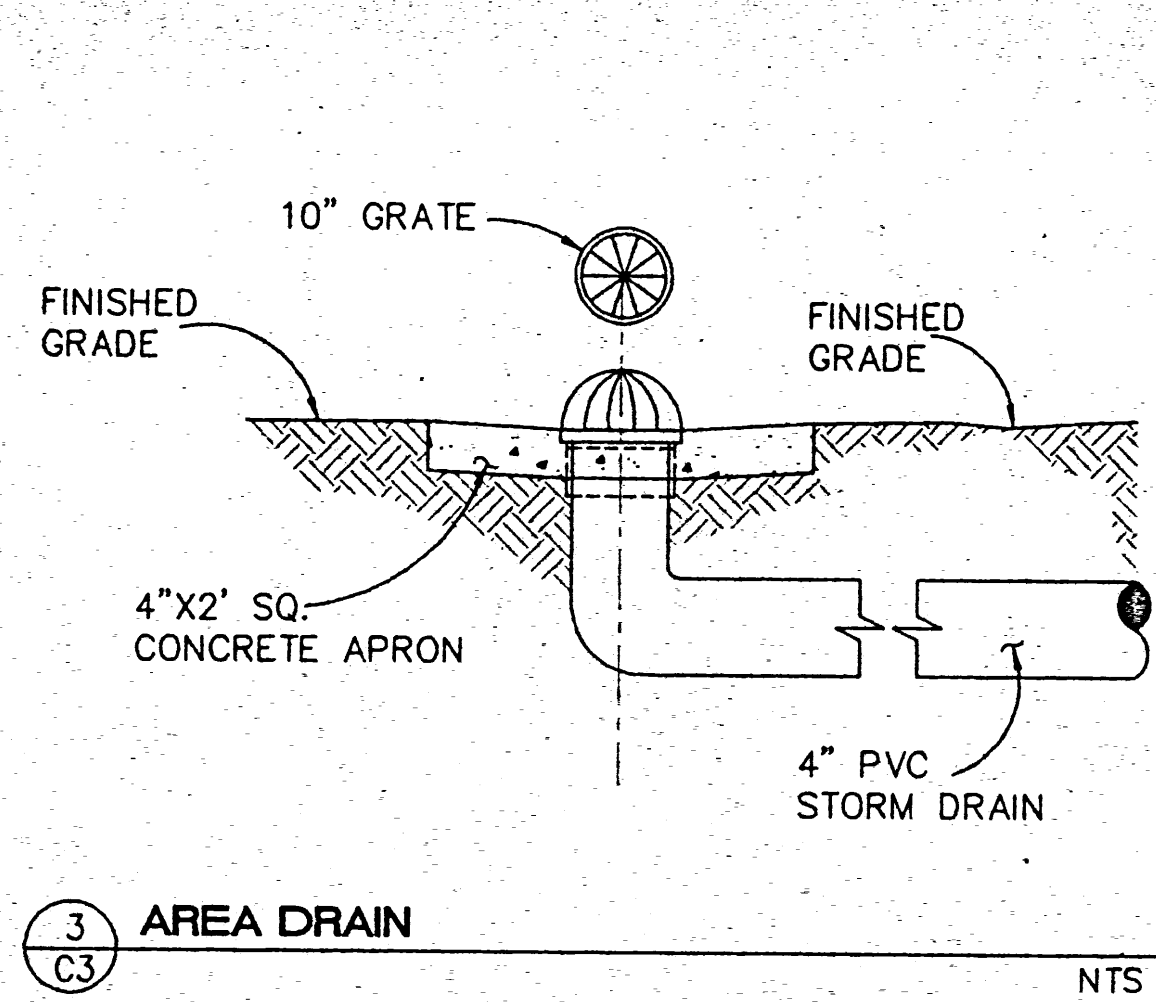




- CONSTRUCTION NOTES:**
- USE 4000 PSI PCC AT 28 DAYS.
 - PROVIDE EXPANSION JOINTS @ 36" O.C., @ IMMOVABLE OBJECTS AND @ BEGINNING AND END OF CURVES.
 - PROVIDE CONTRACTION JOINTS @ 6' O.C.
 - ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" RADII.



CONCRETE HEADER CURB DETAIL
 1/2"=1'-0"



CHAVEZ - GRIEVES
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general notes
 contractor to coordinate architectural plans with structural, plumbing, mechanical and electrical plans for routing, blockouts, stubs, blocking for equipment, etc.
 if any conflicts in the construction documents arise, the larger scale detail takes precedence, and the specifications govern over drawings. the contractor is to notify the architect immediately of any errors or omissions or conflicts in the construction documents.
 contractor to verify all dimensions prior to construction.
 contractor to verify all existing on site conditions prior to construction.

MTTC



revisions:

design	collaborative	southwest inc.	engineer
			105 4th st. sw.
			albuquerque, nm.
			87102
			job no: 9536
			date: 03-15-96
			sheet: C3 of 72

JOE P. KELLEY
 9396
 3/15/96

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 9396
 3/15/96

CIVIL DETAILS AND DEDUCTIVE ALTERNATES