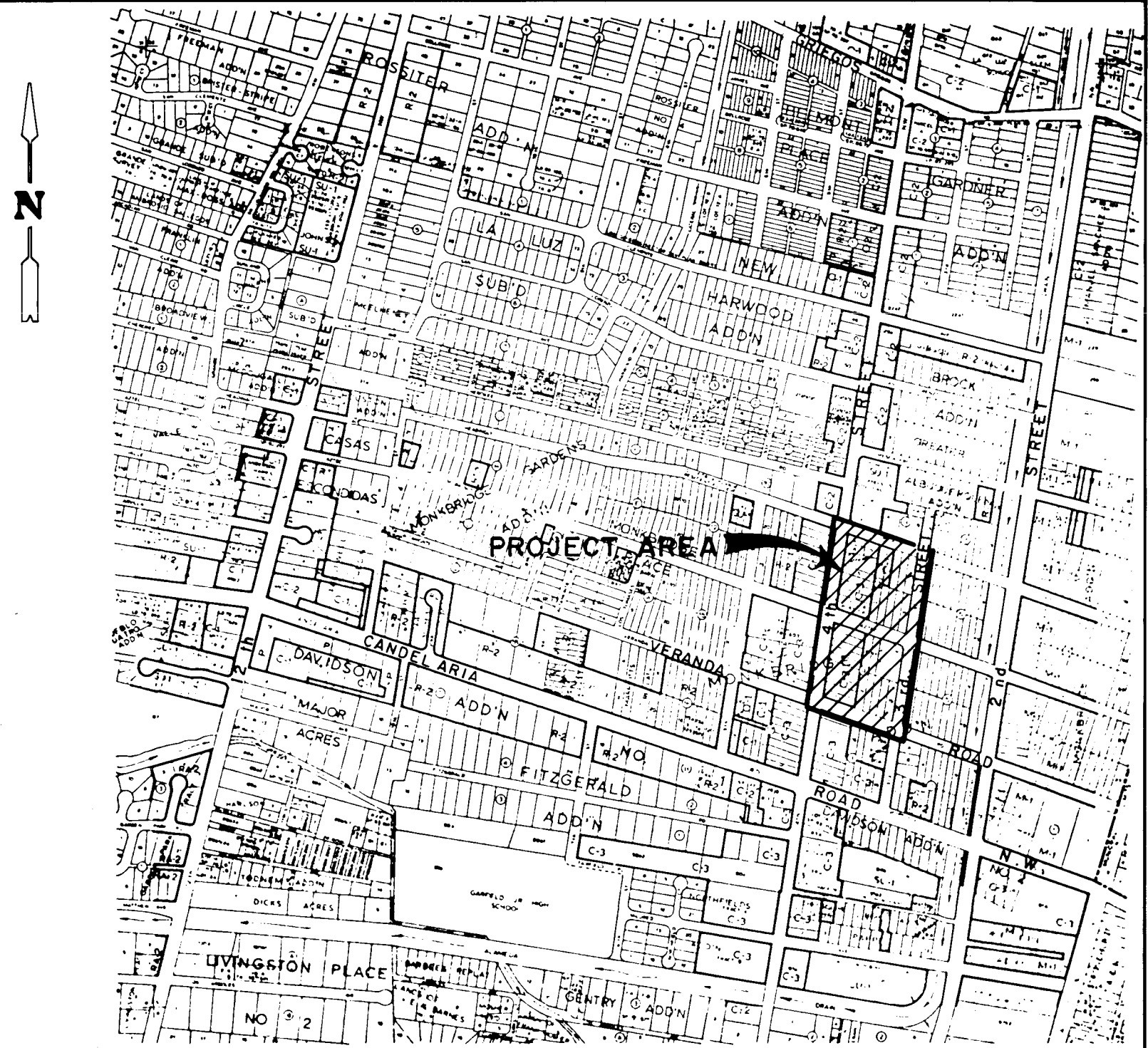


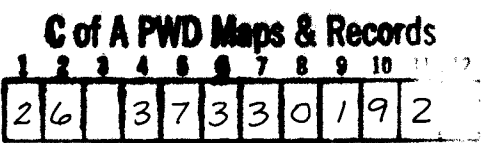
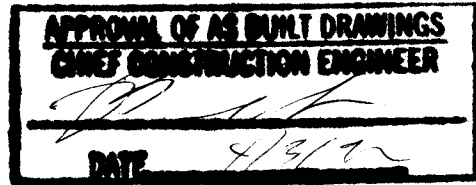
3 RD ST. AND VERANDA ROAD DRAINAGE IMPROVEMENTS



VICINITY MAP
SCALE : 1" = 800'

INDEX OF DRAWINGS

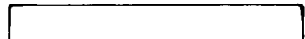
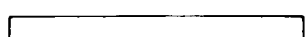
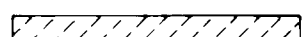
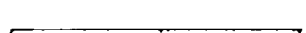
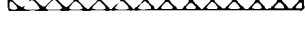
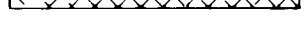
SHEET NO.	DESCRIPTION
1 OF 6	COVER SHEET, VICINITY MAP, INDEX OF DRAWINGS
2 OF 6	LEGEND AND GENERAL NOTES
3 OF 6	BASIN LAYOUT AND GRADING PLAN, TYPICAL SECTIONS
4 OF 6	3 RD STREET STORM DRAIN PLAN AND PROFILE AND VERANDA ROAD WATERBLOCK PLAN AND PROFILE
5 OF 6	WATERBLOCK PLANS AND PROFILES
6 OF 6	MISCELLANEOUS DETAILS

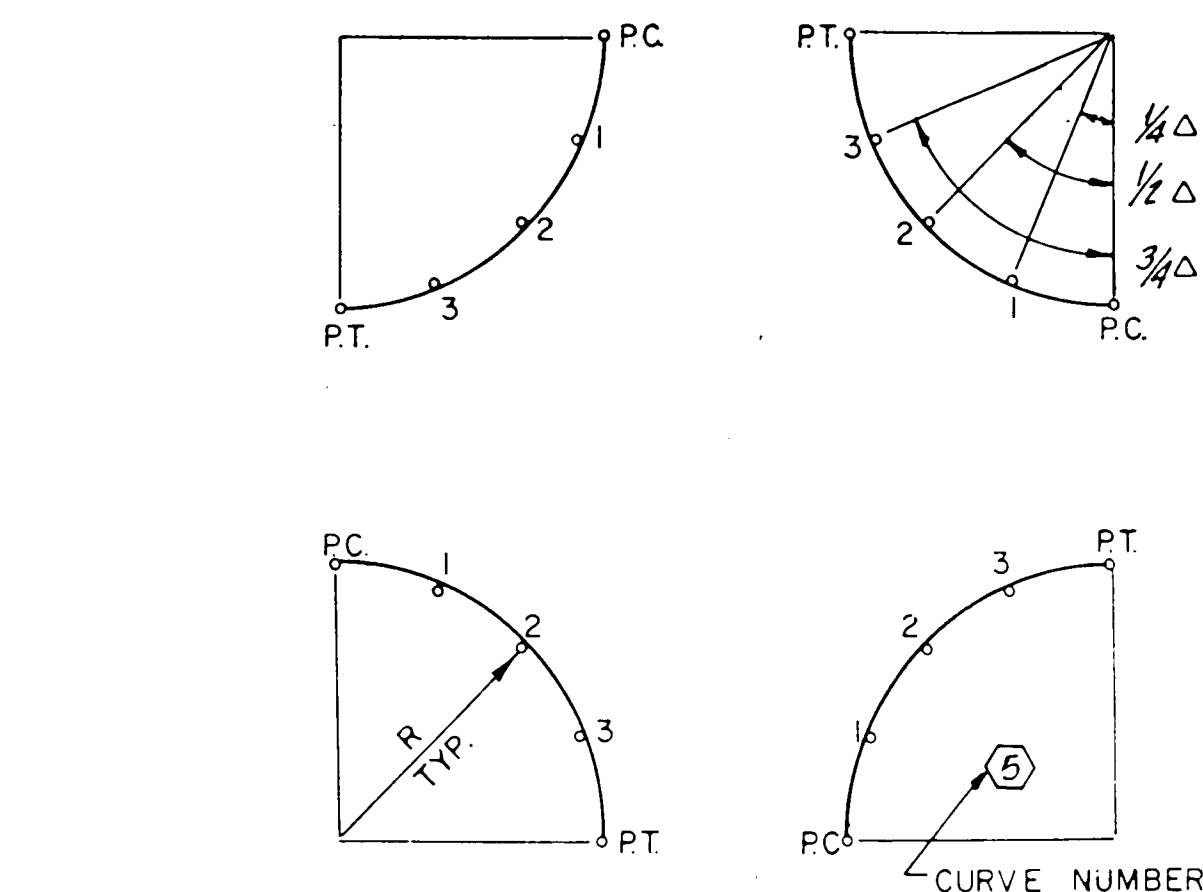


REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							
					APPROVED FOR CONSTRUCTION		
PROJECT NO.		LEEDSHILL-HERKENHOFF, INC. Copper Square, 500 Copper Ave. N.W., P.O. Box 1217 Albuquerque, New Mexico 87103 (505) 247-0294			SHEET OF		
3733					1 6		

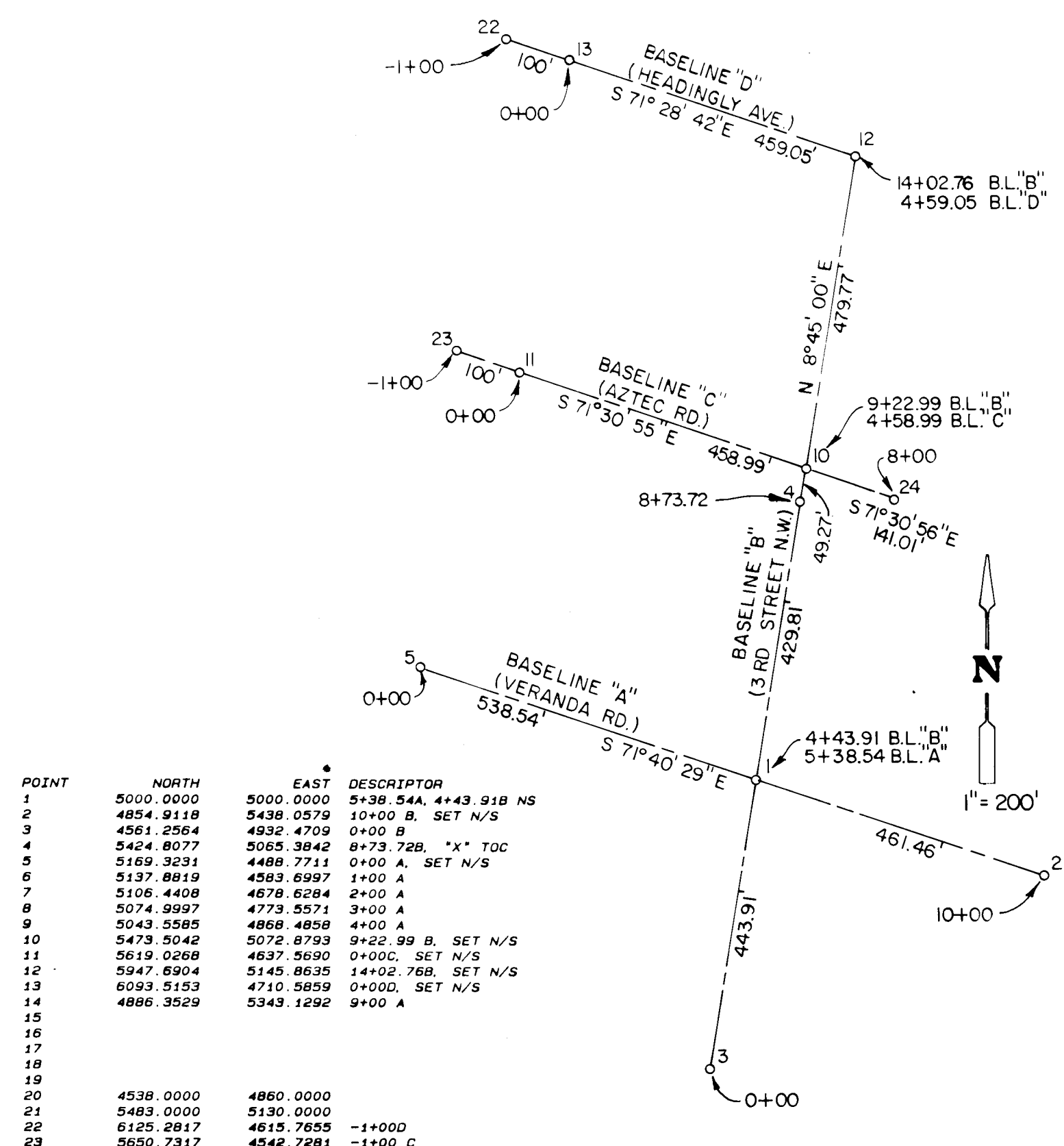
LEGEND

PROPOSED	EXISTING	DESCRIPTION
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
NA		TELEPHONE MANHOLE
		SANITARY SEWER LINE W/SIZE & TYPE
		STORM DRAIN LINE W/SIZE & TYPE
		WATER LINE W/SIZE & TYPE
NA		OVERHEAD ELECTRICAL LINES
		UNDERGROUND ELECTRICAL /TRAFFIC CONTROL
NA		UNDERGROUND TELEPHONE
NA		GAS LINES W/SIZE & TYPE
NA		CABLE TELEVISION LINES
		ENCASEMENT
		STORM DRAIN INLETS (GRADE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
		GATE VALVE
		BUTTERFLY VALVE
		FIRE HYDRANTS
		REDUCERS
		SAS SERVICE CONNECTION
		WATER SERVICE CONNECTION
		TEES
		CROSSES
		BENDS
		CAPS & PLUGS
NA		WATER METER
		VALVE BOX
NA		POWER POLE
NA		LIGHT POLE
		TRAFFIC LIGHT
		TRAFFIC CONTROL BOX
		PULL BOX
NA		TELEPHONE BOOTH
		CURB & GUTTER
		SIDEWALK
		BLOCK WALL
		CHAIN LINK FENCE
		FIELD FENCE
	NA	SPOT ELEVATIONS
NA		PROJECT/PHASE BOUNDARY
NA		RIGHT OF WAY LINES
NA		PROPERTY LINES (SIDE)
NA		PUBLIC EASEMENTS
	NA	CONSTRUCTION THIS PROJECT SPECIFIED ON DIFFERENT SHEET
	NA	LIGHT POLE BASE

PROPOSED	EXISTING	DESCRIPTION
		RESIDENTIAL PAVING
		ARTERIAL PAVING
		CONCRETE PAVING
		TEMPORARY PAVING
		WHEELCHAIR RAMPS
NA		OVERHEAD TELEPHONE LINES



TYP. 1/4 POINT LAYOUT PLAN
NOT TO SCALE:



NOTES:
COORDINATES SHOWN ARE LOCAL COORDINATES.
BEARINGS SHOWN ARE LOCAL BEARINGS.

DIAGRAM AND LOCATION OF BASELINES

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION (REFERRED TO HEREAFTER AS THE STANDARD SPECIFICATIONS).
2. ALL REFERENCES TO CITY STANDARD DRAWINGS WILL BE PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
3. TWO (2) DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO TRAFFIC ENGINEERING DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN AND SHALL OBTAIN A BARRICADES PERMIT FROM THE TRAFFIC ENGINEERING DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
5. 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM DELAY.
6. ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING, AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADJACENT SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES WHICH CROSS THE TRENCH. ANY DAMAGE TO EXISTING UTILITIES SHALL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER WILL BE IMMEDIATELY NOTIFIED OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.
7. THE LIMIT OF CONSTRUCTION SHOWN ON THE PLANS IS AN APPROXIMATION TO THE AREAS OF ANTICIPATED PAVEMENT, CURB AND GUTTER AND/OR OTHER SURFACE REMOVAL. THE CONTRACTOR SHALL ENDEAVOR TO MINIMIZE THE ACTUAL CONSTRUCTION LIMITS BUT IN NO CASE SHALL SUCH LIMITS OF WORK RESTRICT THE CONTRACTORS WORK WHERE SAFETY WOULD BE IMPAIRED.
8. CONTRACTOR IS TO PROVIDE TRENCH STABILIZATION AND PROTECTION AS REQUIRED TO SATISFY SAFETY AND OSHA REQUIREMENTS.
9. EXCAVATED MATERIALS WILL ONLY BE PLACED AS APPROVED BY THE PROJECT ENGINEER.
10. ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES ARE ALLOWED ONLY AS DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS FOR RESIDENTS AND EMERGENCY SERVICES AT ALL TIMES EXCEPT WHEN CONSTRUCTION IS PROCEEDING DIRECTLY IN FRONT OF A BUSINESS OR RESIDENT.
12. ALL UTILITIES & UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
13. ALL NEW, REPLACED, OR RELOCATED WATERLINES SHALL MEET CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR ACCEPTABLE MATERIALS AND SHALL BE A MINIMUM OF 6 INCH DIAMETER.
14. ALL NEW PAVEMENT, CURB AND GUTTER AND SIDEWALK FOR WATERBLOCK CONSTRUCTION SHALL BE PER RESIDENTIAL STREET SECTION STANDARD DRAWING 2405. PAVING FOR AREAS LESS THAN 8' WIDE OR 100' LONG SHALL BE PER STANDARD DRAWING 2465.
15. ALL ASPHALT PAVEMENT REPLACEMENT SHALL BE PER STANDARD DRAWING 2405- RESIDENTIAL STREET SECTION.
16. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND TO MATCH NEW TO EXISTING.
17. ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION AND GRADIENT OF THE AREAS.
18. ALL EXISTING MANHOLES AND VALVE BOXES IN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO THE NEW FINISH GRADE AS PART OF THE PAVING OPERATIONS.
19. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVING OR CURB AND GUTTER DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE SHALL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND SHALL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.
20. IN AREAS OF PAVEMENT REMOVAL WHERE LESS THAN 8' OF STREET PAVEMENT IS LEFT BETWEEN EDGE OF TRENCH CUT AND GUTTER, REMOVE AND REPLACE ALL OF PAVEMENT OR AS DIRECTED BY THE ENGINEER.
21. MEASUREMENT FOR PAVEMENT OF SUBGRADE PREP. SHALL BE FROM LIP TO LIP OF STD. CURB & GUTTER.
22. SUBGRADE PREP. UNDER CURB & GUTTER INCLUDING ONE (1) FOOT BEHIND BACK OF CURB AND UNDER SIDEWALK SHALL BE INCIDENTAL TO THE JOB.
23. CLEARING AND GRUBBING FOR THE BASIN SHALL NOT EXTEND BEYOND THE BACK OF SIDEWALK OR PROPERTY LIMITS.
24. EXISTING SANITARY SEWER MANHOLES WITH LIGHT-WEIGHT, VENTED, MULTI-HOLED MANHOLE COVERS SHALL BE UPGRADED PER THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 WHEN ENCOUNTERED IN THE CONSTRUCTION AREA. THIS WORK INCLUDES REPLACING THE EXISTING MANHOLE FRAME AND COVER, PLACING THE CONCRETE PAD AROUND THE EXISTING MANHOLE AND REPLACING ADJOINING ASPHALT PAVEMENT.

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		BM - Standard 4" Aluminum Cap, 16mm ID, 1/2" G14 1985 Set flush with curb, located 2.5 miles N. of Towntown Albuquerque at the intersection of Candalaria Rd. and Fourth Street. To reach the station from the Inter- section of Fourth St. and Central Ave. go North on Fourth St. 2.5 miles to the station on the left. Elevation = 4966.73		MICRO-FILM INFORMATION RECORDED BY: _____ DATE: _____ NO. _____	
				NO.	BY				
NO.	DATE	REMARKS	BY						
REVISIONS									
DESIGN									
DESIGNED BY	S.U.B.	DATE	MARCH 1989						
DRAWN BY	J.D.M.	DATE	MARCH 1989						
CHECKED BY	J.E.	DATE	MARCH 1989						

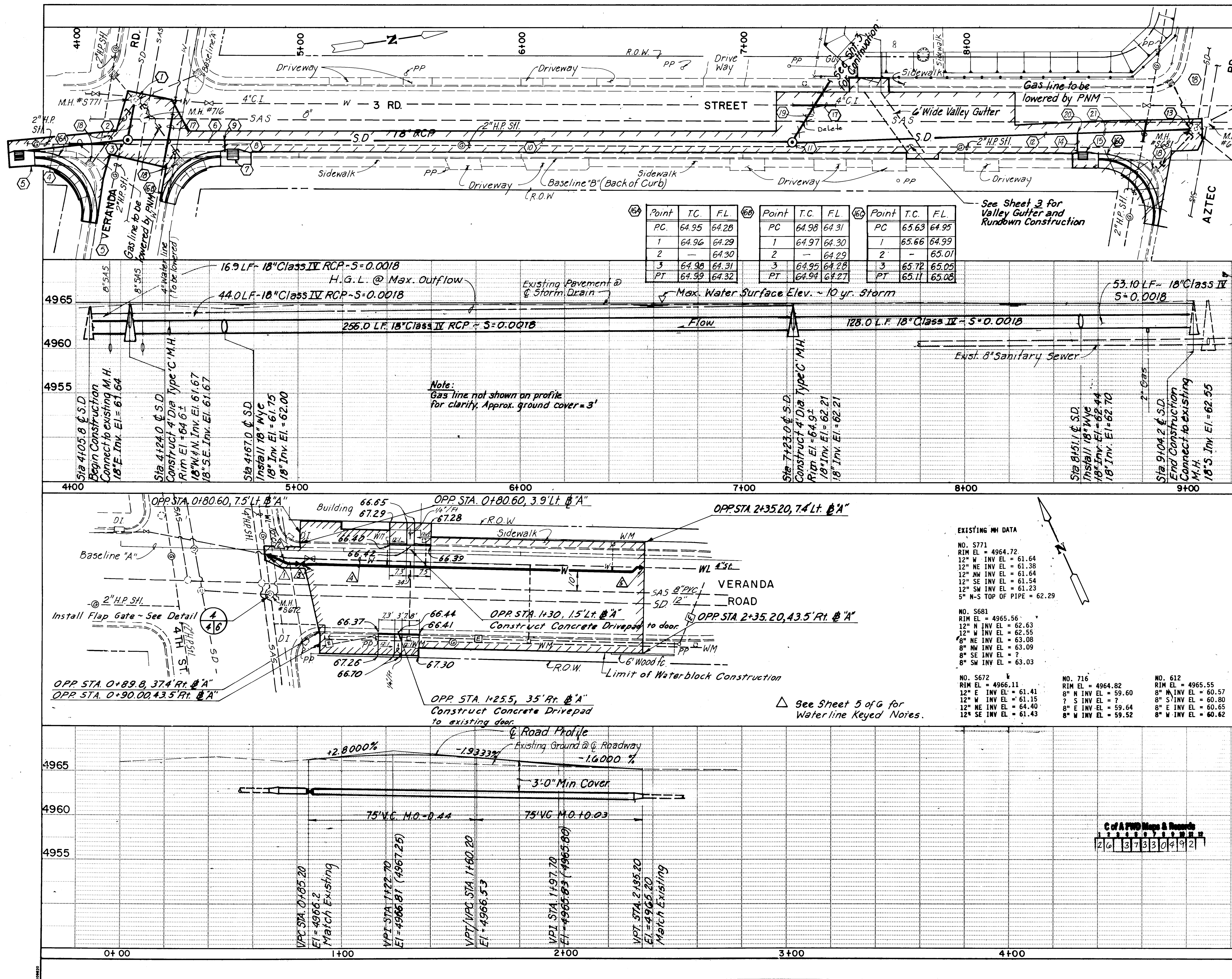
C of A PWD Maps & Records

1	2	3	4	5	6	7	8	9	10	11
2	6		3	7	3	3	0	2	9	2

CITY OF ALBUQUERQUE	
PUBLIC WORKS DEPARTMENT	
ENGINEERING DIVISION	
TITLE:	3RD ST. AND VERANDA ROAD DRAINAGE IMPROVEMENTS
LEGEND AND GENERAL NOTES	

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C Chair	<i>[Signature]</i>	4/1/17			
Trans. Dev.	<i>[Signature]</i>	4/1/17			
Utility Dev.	<i>[Signature]</i>	4/1/17			

DRAWING NO	3733	MAP NO.	G 14	SHEET	2	OF	6
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KEYED NOTES

- STA. 4+06.1 CENTERLINE STORM DRAIN = OPP. STA. 4+26.14 -- 25.85' LT., B.L. "B" BEGIN STORM DRAIN CONSTRUCTION CONNECT TO EXISTING STORM DRAIN MANHOLE PLUG 12" NE INV. AND 12" SE INV.
- 16.9 L.F. -- 18" CLASS IV RCP S = 0.0018
- STA. 4 + 23.0 CENTERLINE STORM DRAIN = OPP. STA. 4+23.00 -- 9.30' LT., B.L. "B" CONSTRUCT 4' DIA. TYPE "C" MANHOLE
- 36 L.F. -- 18" CLASS IV RCP S = 0.0036
- CONSTRUCT TYPE SINGLE "C" STORM INLET AT CURB RETURN GRATE EL. = 64.30 INV. EL. = 61.80
- 44.0 L.F. -- 18" CLASS IV RCP S = 0.0018
- CONSTRUCT TYPE SINGLE "C" STORM INLET AT CURB RETURN GRATE EL. = 64.20 INV. EL. = 62.05
- 6 L.F. -- 18" CLASS IV RCP S = 0.0010
- STA. 4+67.0 CENTERLINE STORM DRAIN = OPP. STA. 4+67.00 -- 9.26' LT., B.L. "B" INSTALL 18" PREFABRICATED RCP WYE TO CONNECT INLET LINE.
- 256.0 L.F. -- 18" CLASS IV RCP S = 0.0018
- STA. 7+23.0 CENTERLINE STORM DRAIN = OPP. STA. 7+23.00 -- 9.0' LT., B.L. "B" CONSTRUCT 4' DIA. TYPE "C" MANHOLE
- 128.0 L.F. -- 18" CLASS IV RCP S = 0.0018
- STA. 9+04.2 CENTERLINE STORM DRAIN = OPP. STA. 9+04.07 -- 13.90' LT., B.L. "B" END STORM DRAIN CONSTRUCTION CONNECT TO EXISTING MANHOLE PLUG 12" W INVERT
- CONSTRUCT 9 L.F. -- 18" CLASS IV RCP S = 0.0111
- CONSTRUCT TYPE SINGLE "C" STORM INLET AT CURB RETURN GRATE EL. = 64.90 INV. EL. = 62.80
- RECONSTRUCT CURB RETURN TO 25' RADIUS WITH TYPE 1 WHEEL CHAIR RAMP AND 18" READER CURB
- LOWER 4" WATER LINE AS PER DETAIL
- REMOVE EXISTING STORM INLET REMOVE INLET LINE AS NECESSARY PLUG REMAINING INLET LINE AS SHOWN
- 49 L.F. -- 18" CLASS IV RCP S = 0.0010
- STA 8+51.1 CENTERLINE STORM DRAIN OPP. STA. 8+51.0 -- 12.11' LT., B.L. "B" INSTALL 18" PREFABRICATED RCP WYE TO CONNECT INLET LINE.
- 53.1 L.F. -- 18" CLASS IV RCP S = 0.0018

LEGEND

- Limits of Construction
- Drain line Plug

SCALES:
1" = 20' Horizontal
1" = 5' Vertical

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: 3RD ST. AND VERANDA ROAD DRAINAGE IMPROVEMENTS
3RD STREET STORM DRAIN PLAN AND PROFILE
AND VERANDA ROAD WATERBLOCK

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG Chair	Reginald	4/25/89			
Trans. Dev.					
Utility Dev.					

DRAWING NO. 3733 **MAP NO.** G14 **SHEET** 4 **OF** 6

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	NO.	BY
WORKS BY	DATE	BM - Standard 4" x 4" x 1/2" Aluminum Cap Nailed 1/2" x 1/2" x 1/2" 1985	DATE				
ACCEPTANCE BY	DATE	Set with curb. Located 2.5 miles N. of downtown Albuquerque at the intersection of Veranda Rd. and Fourth St. to reach the station from the intersection of Fourth St. and Central Ave. go north on Fourth St. 2.5 miles to the station on the left. Elevation = 4966.78	DATE				
REMARKS	DATE						
DESIGN	DATE						
DESIGNED BY	DATE						
DRAWN BY	DATE						
CHECKED BY	DATE						

