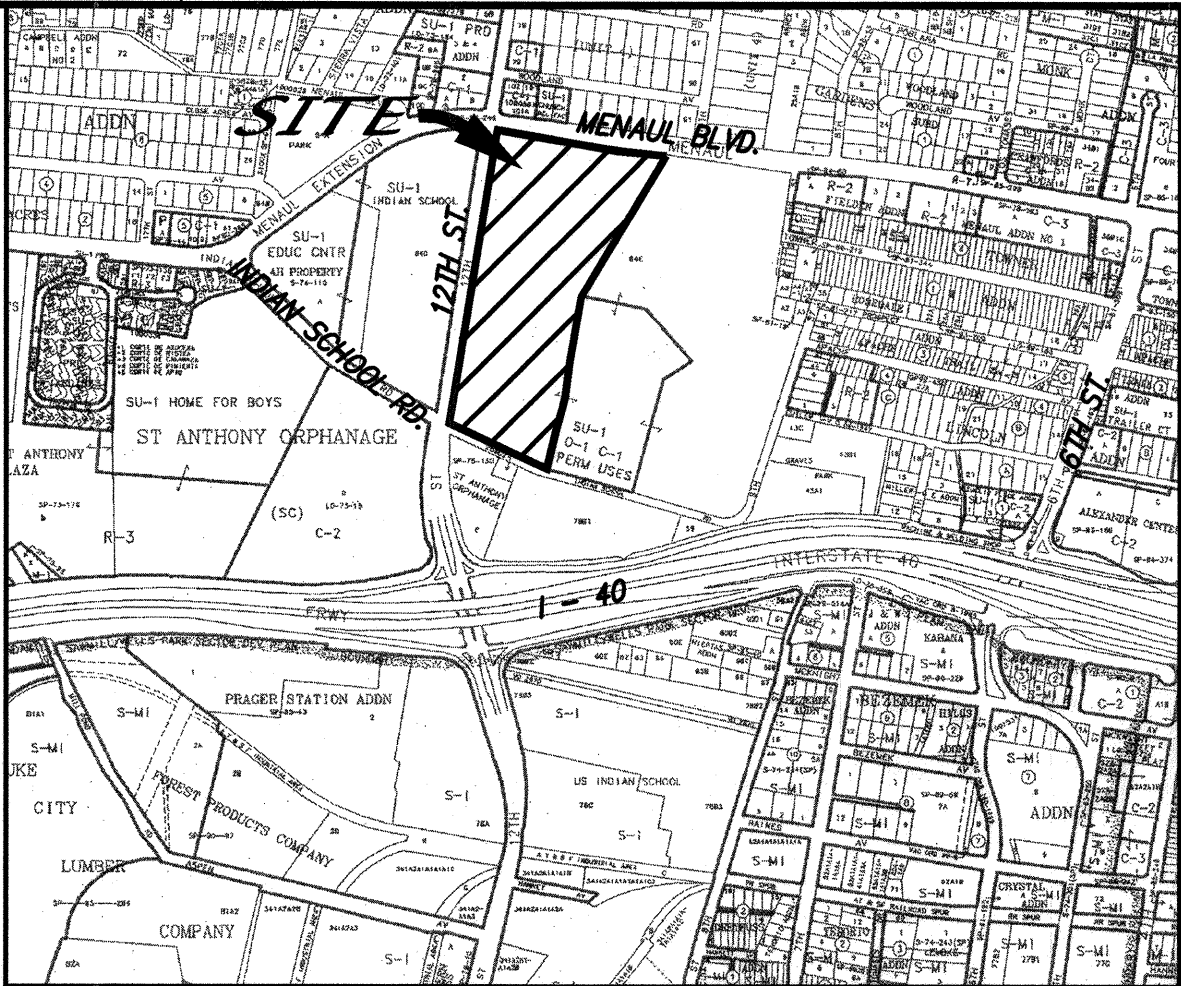


CONSTRUCTION PLANS
FOR
I.P.F.D.C MASTER PLAN
WATERLINE IMPROVEMENT
ALBUQUERQUE, NEW MEXICO



VICINITY MAP ZONE ATLAS: H-14
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER 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 AS REVISED THROUGH UPDATE #7, INCLUDING ADDENDUM 1.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT TO COVER THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE ABCWA (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY ABCWA PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
12. FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
13. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
14. IF HUMAN REMAINS ARE DISCOVERED ON THE SITE ALL CONSTRUCTION WILL CEASE AND THE OFFICE OF THE MEDICAL EXAMINER MUST BE CONTACTED FOR FURTHER INSTRUCTIONS.
15. CONTRACTOR SHALL PROVIDE & MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
16. DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING & MAINTAINING ALL PAVEMENT MARKINGS (STRIPING & SIGNING) WITHIN PRIVATE (STREETS) DEVELOPMENT.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

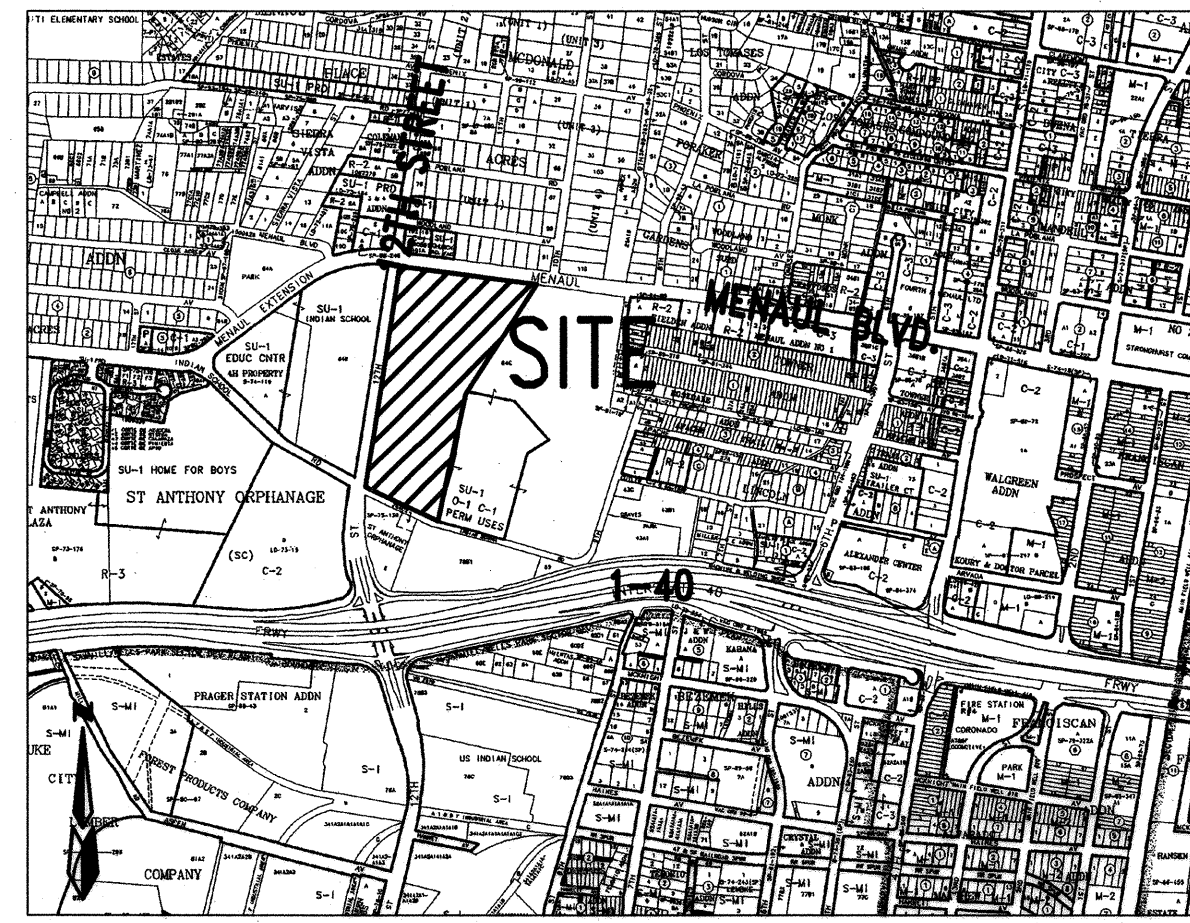
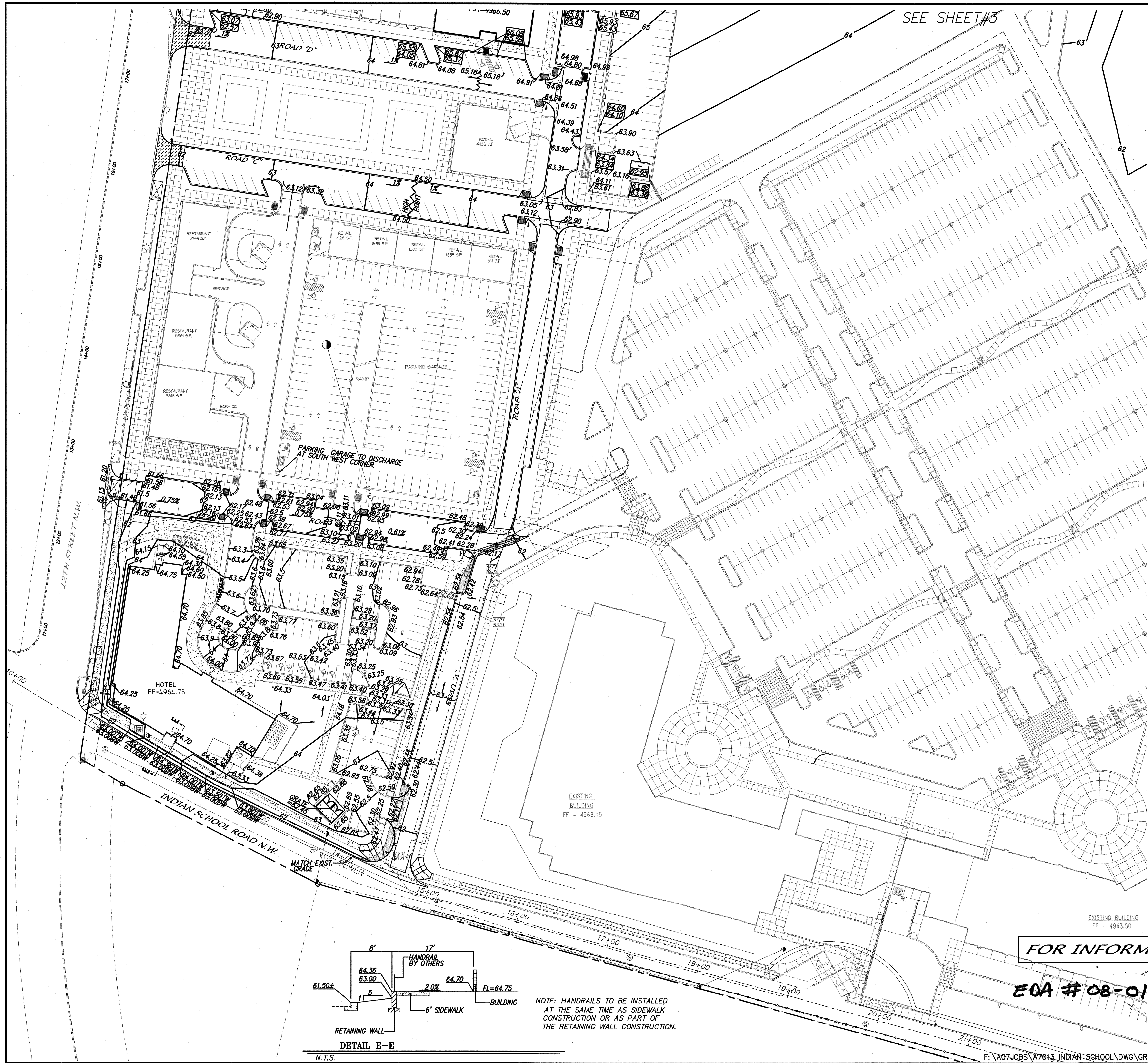
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A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

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS AND OTHER IMPROVEMENTS.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
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ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC CHAIRMAN	<i>S. Woodall</i>	2/26/08	APPROVED FOR CONSTRUCTION <i>[Signature]</i> 11-21-08 CITY ENGINEER DATE		
		TRANSPORTATION	<i>[Signature]</i>	2/26/08			
		WATER/WASTEWATER	<i>[Signature]</i>	2-8-08			
		HYDROLOGY	<i>[Signature]</i>	1/28/08			
		CIP					
		CONSTR. MNGMT.					
		CONSTR. COORD.					
		CITY PROJECT NO.	718683		SHEET OF 1 20		

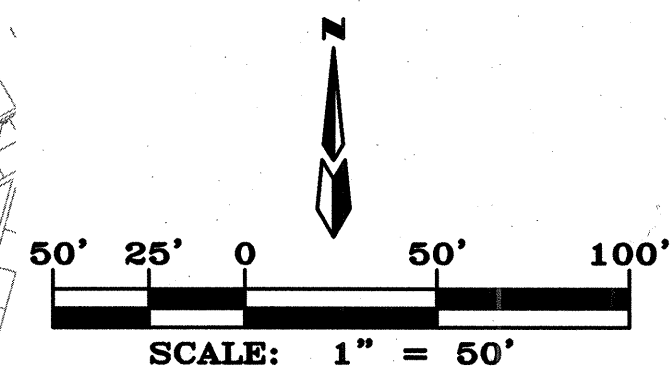
EOA #08-01-04176



VICINITY MAP ZONE MAP: H-14

LEGEND

- EXISTING SPOT ELEVATION
- EXISTING SIDEWALK ELEVATION
- EXISTING CURB ELEVATION
- EXISTING PAVEMENT ELEVATION
- EXISTING RIM & INV ELEVATION
- EXISTING TRAFFIC SIGNAL BOX
- EXISTING TRAFFIC SIGNAL
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING OVERHEAD UTILITY LINE
- EXISTING GAS LINE
- EXISTING SEWER LINE
- EXISTING WATER LINE
- EXISTING ANCHOR
- EXISTING SEWER MANHOLE
- EXISTING STORM MANHOLE
- EXISTING STORM DRAIN
- EXISTING SIDEWALK
- EXISTING WATER VALVE
- EXISTING METER RISER
- EXISTING BILLBOARD
- EXISTING FIRE HYDRANT
- EXISTING DROP INLET
- EXISTING FENCE
- EXISTING PROPERTY LINE
- EXISTING CONTOURS
- EXISTING LOT LINES
- EXISTING CURB & GUTTER
- NEW STANDARD CURB & GUTTER
- NEW BUILDING
- NEW EXTRUDED CONCRETE CURB
- NEW PARKING STRIPES
- NEW CONTOURS
- NEW RETAINING WALL
- NEW WATER BLOCK
- NEW FENCE
- NEW DRAINAGE BASIN BOUNDARY
- NEW SPOT ELEVATION
- NEW FLOW ARROW
- REMOVE & REPLACE ASPHALT
- REMOVE & DISPOSE OF ASPHALT
- TEMPORARY ASPHALT



FOR INFORMATION ONLY

EOA # 08-01-04176

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

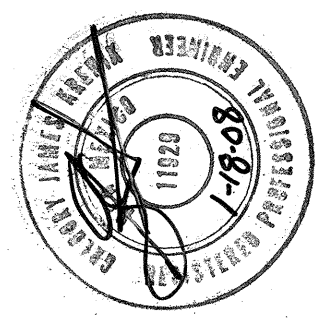
TITLE: I.P.F.D.C. MASTER PLAN
MASTER GRADING PLAN

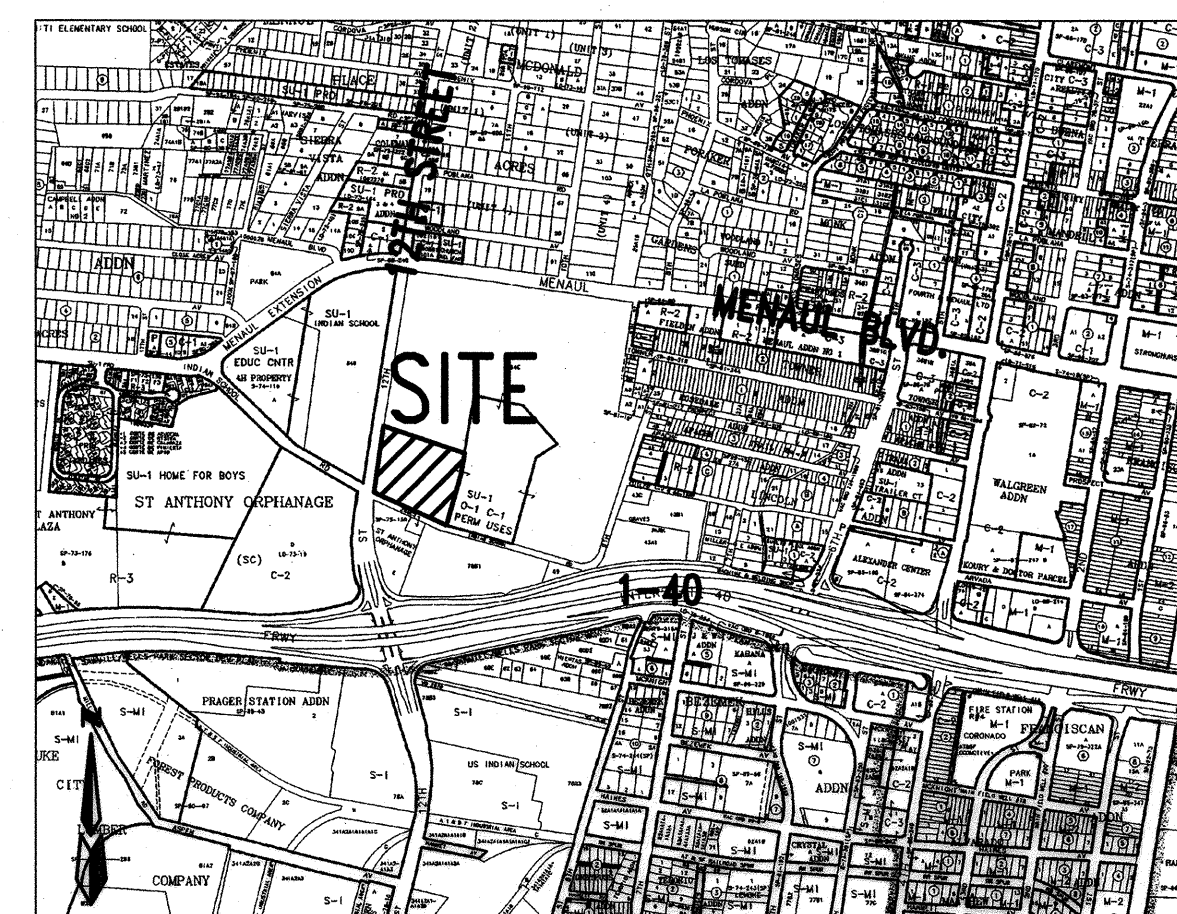
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO. 718683	ZONE MAP NO. H-14	SHEET 2 OF 20		

BENCH MARKS		AS BUILT INFORMATION	
CONTRACTOR	WORK	CONTRACTOR	WORK
STAMPED BY	DATE	STAMPED BY	DATE
ACCEPTANCE BY	DATE	ACCEPTANCE BY	DATE
FIELD CHECK BY	DATE	FIELD CHECK BY	DATE
DRAWINGS	DATE	DRAWINGS	DATE
CORRECTED BY	DATE	CORRECTED BY	DATE
RECORDED BY	DATE	RECORDED BY	DATE
NO.		NO.	

SURVEY INFORMATION		ENGINEER'S SEAL	
FIELD NOTES	BY	DATE	BY
NO.		DATE	BY

REVISIONS	DATE	BY
DESIGN	11/07	
CAR	11/07	
DWG	11/07	





VICINITY MAP ZONE MAP: H-14

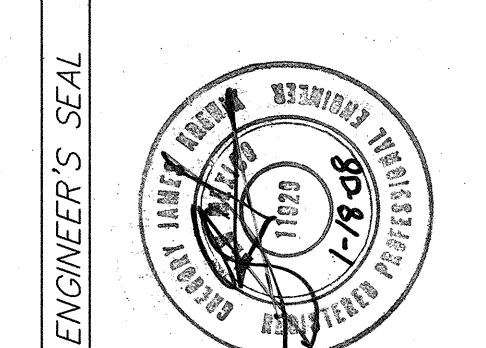
LEGEND

- EXISTING SPOT ELEVATION
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- EXISTING CURB ELEVATION
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- REMOVE & REPLACE ASPHALT
- REMOVE & DISPOSE OF ASPHALT
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AS BUILT INFORMATION	
CONTRACTOR	
WORK STAGED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
DRAWING BY	
DATE	
CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	
NO.	

BENCH MARKS	
BENCHMARK IS AN ACS 1 3/4" ALUMINUM DISK	
STAMPED, "ACS BM, 11-H13", EXPOSED TO THE TOP	
OF A CONCRETE CURB, AT THE N.N.W. CURB RETURN.	
ELEVATION = 4961.641 (SLD 1929)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	



ENGINEER'S SEAL	
REVISIONS	
NO.	
DATE	
REMARKS	
BY	
DESIGNED BY	
DATE	
DRAWN BY	
DATE	
CHECKED BY	
DATE	

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: I.P.F.D.C.

MASTER GRADING PLAN

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

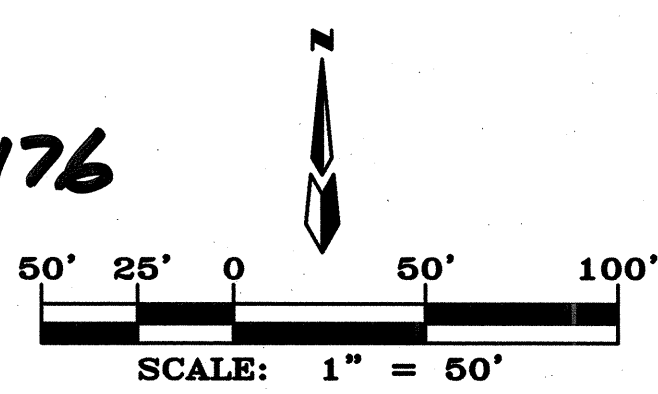
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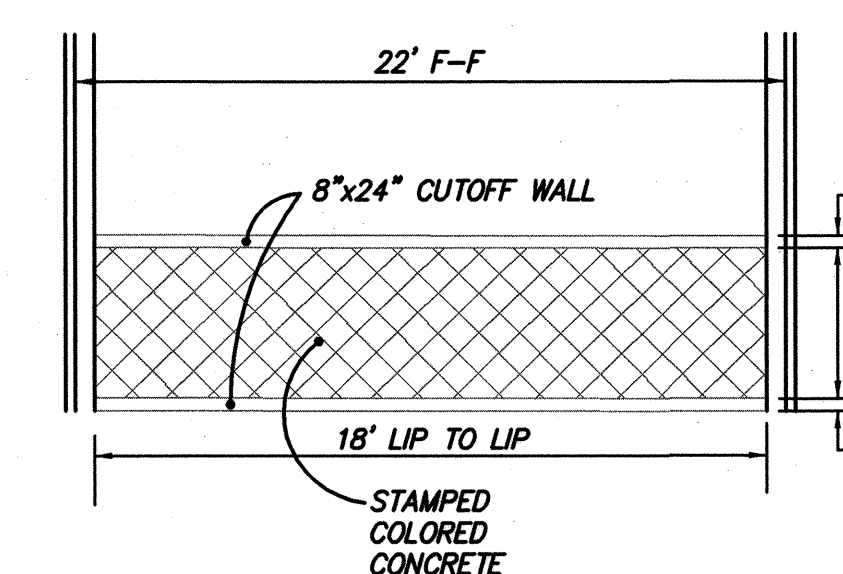
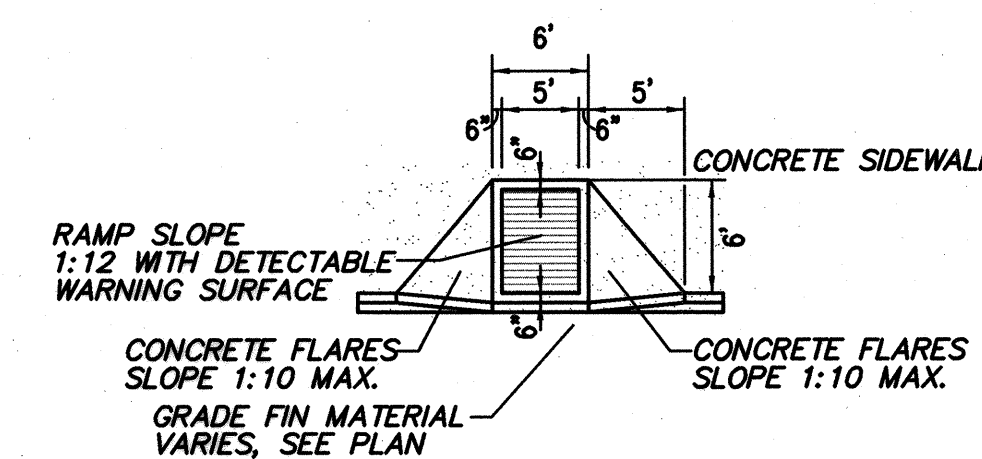
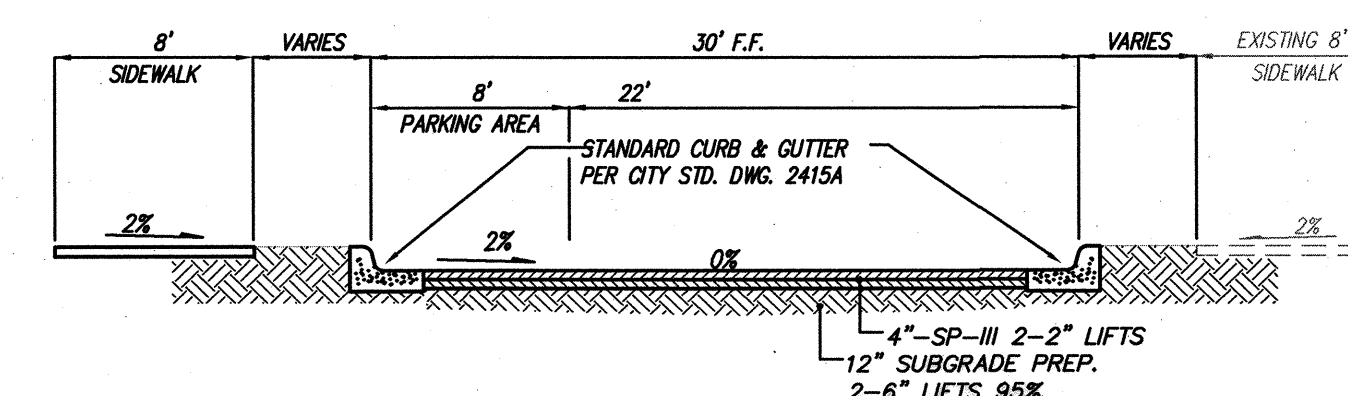
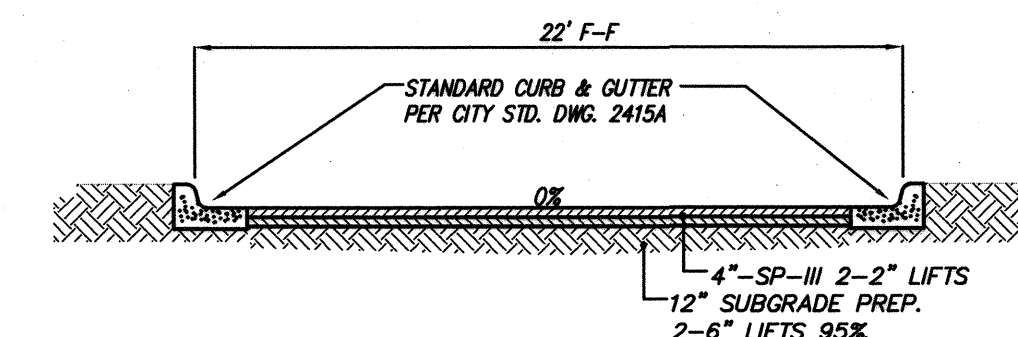
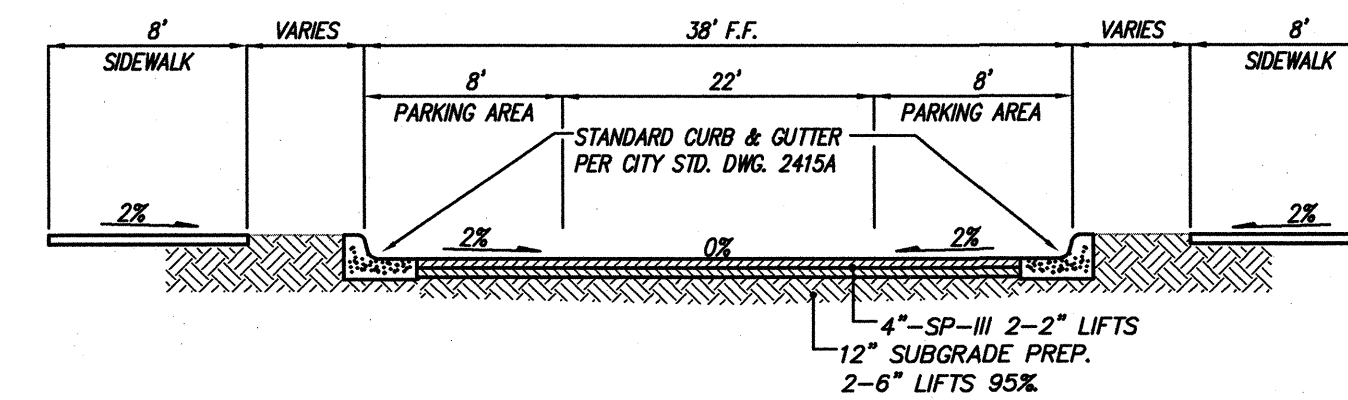
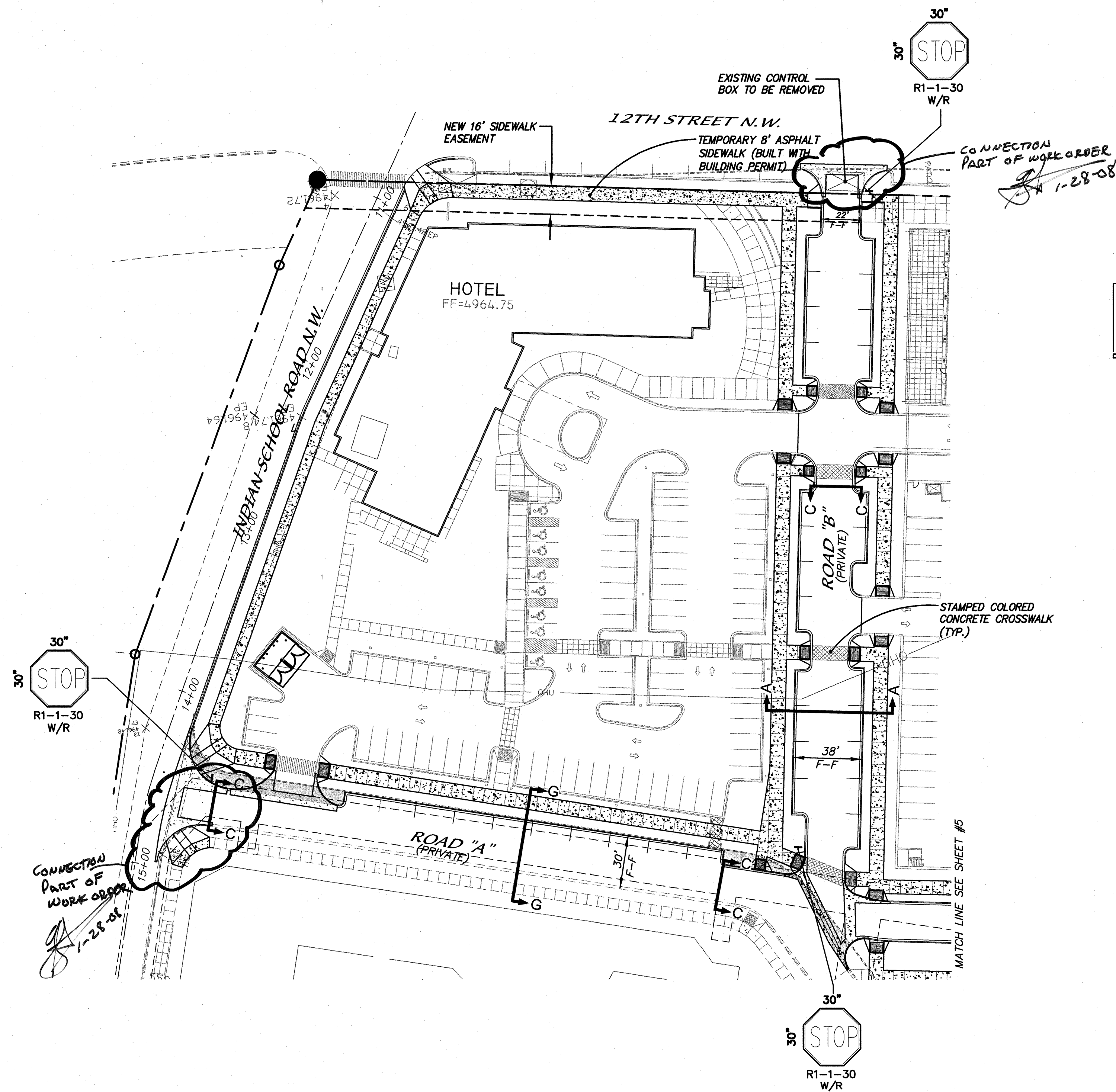
ZONE MAP NO. H-14

SHEET 3 OF 20

EDA # 08-01-04176

FOR INFORMATION ONLY





CONSTRUCTION NOTES

- 6' VALLEY GUTTERS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2420 AT ALL INTERSECTIONS, UNLESS OTHERWISE NOTED.
- SOIL NOT HAVING A MINIMUM R-VALUE OF 50 WILL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH A SUITABLE MATERIAL OR PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCORDING TO THE EXISTING R-VALUE PER COA STANDARD SPECIFICATIONS.
- ALL HANDICAP RAMPS ARE PER COA DETAIL 2441 UNLESS NOTED OTHERWISE.
- ALL UNIDIRECTIONAL HANDICAP RAMPS ARE PER COA DETAIL 2426.
- ALL SIDEWALKS ARE PER COA STD DWG #2430.

LEGEND

- EXISTING CONCRETE CURB
- EXISTING GUY WIRE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING POWER POLE
- EXISTING GAS MARKER
- EXISTING ELECTRIC PEDESTAL
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED TEMPORARY ASPHALT CURB
- FUTURE CURB & GUTTER
- RIGHT OF WAY LINE
- PROPOSED EASEMENT LINE
- PROPOSED LOT LINE
- REMOVE AND REPLACE ASPHALT
- PROPOSED 6' VALLEY GUTTER WITH FILLETS
- FUTURE 6' VALLEY GUTTER WITH FILLETS
- PROPOSED 4" TEMPORARY ASPHALT PER COA STD. DWG #2415B WITH EXTRUDED ASPHALT CURB PER COA STD. DWG 2415B
- NEW UNIDIRECTIONAL WHEEL CHAIR RAMPS
- NEW WHEEL CHAIR RAMPS

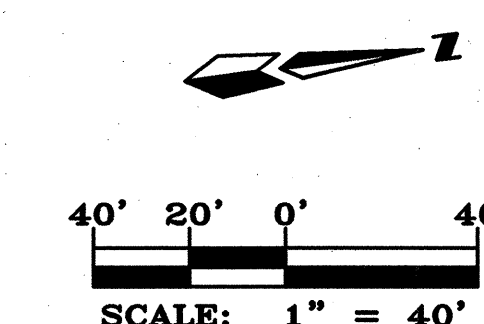
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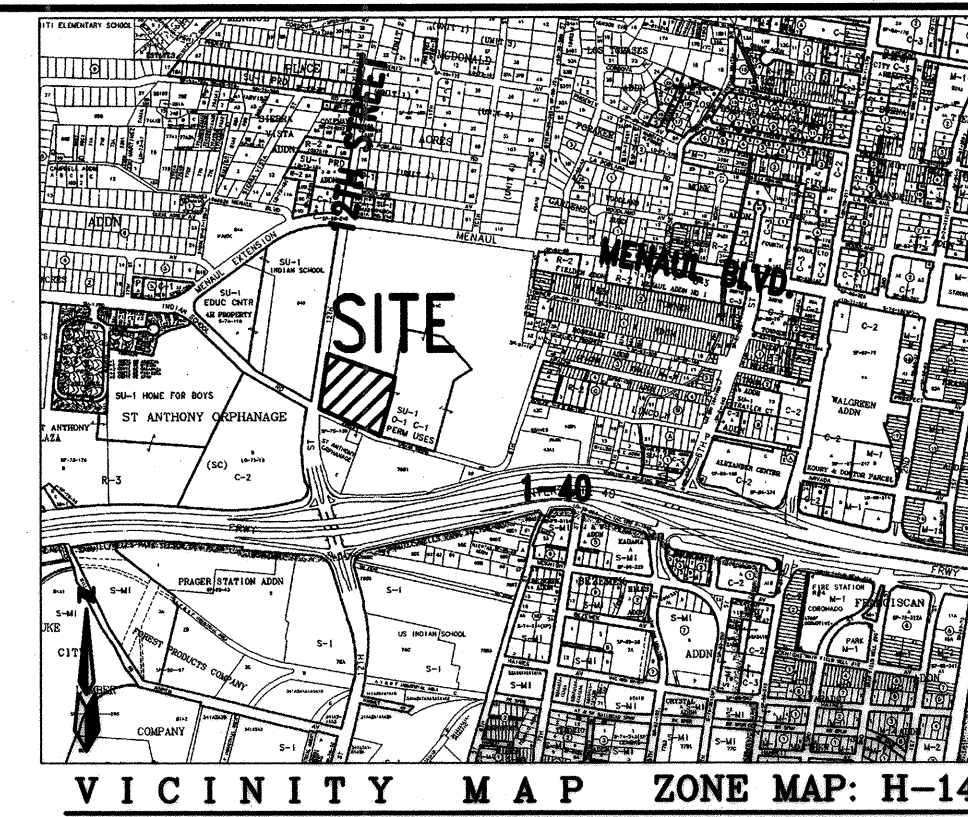
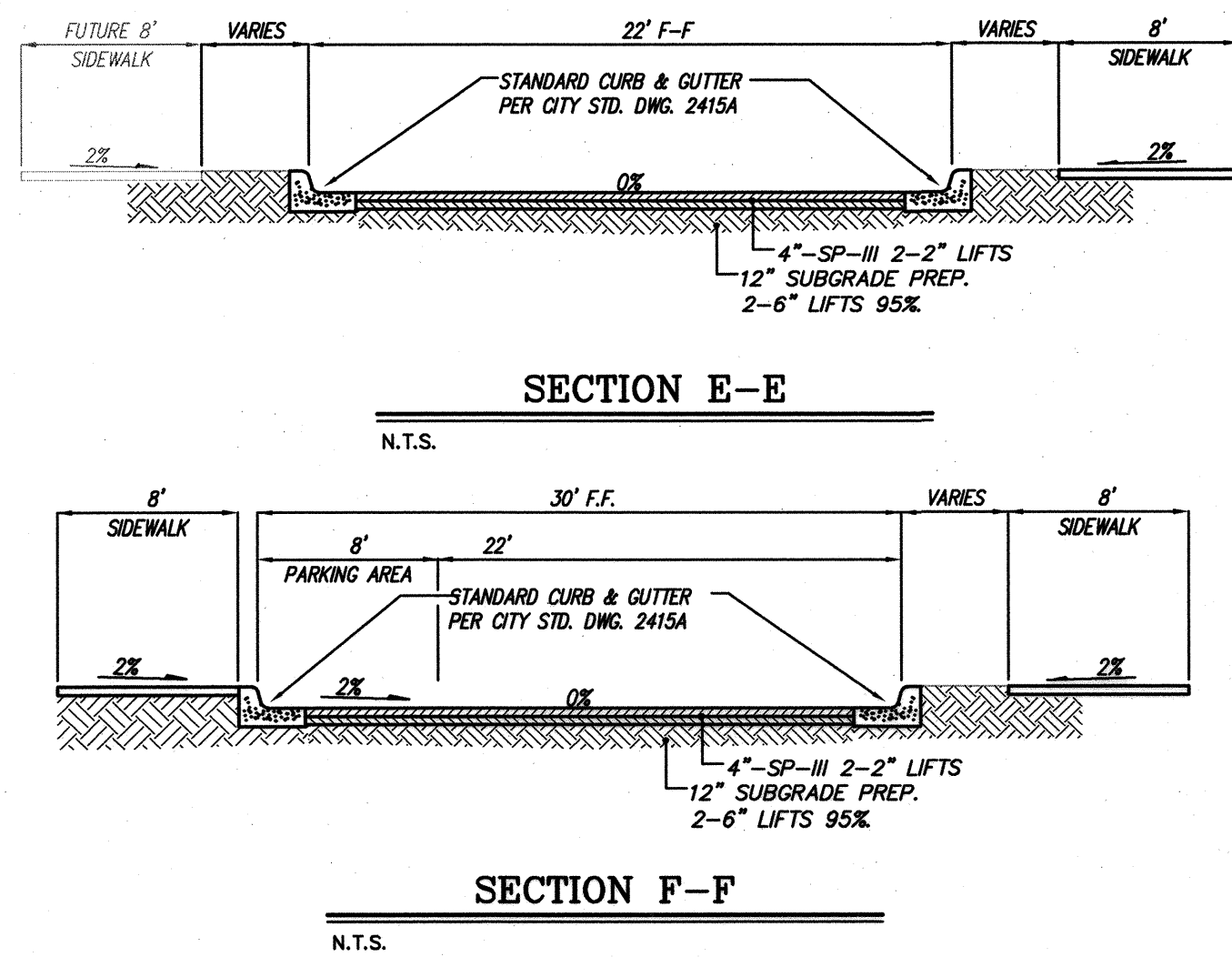
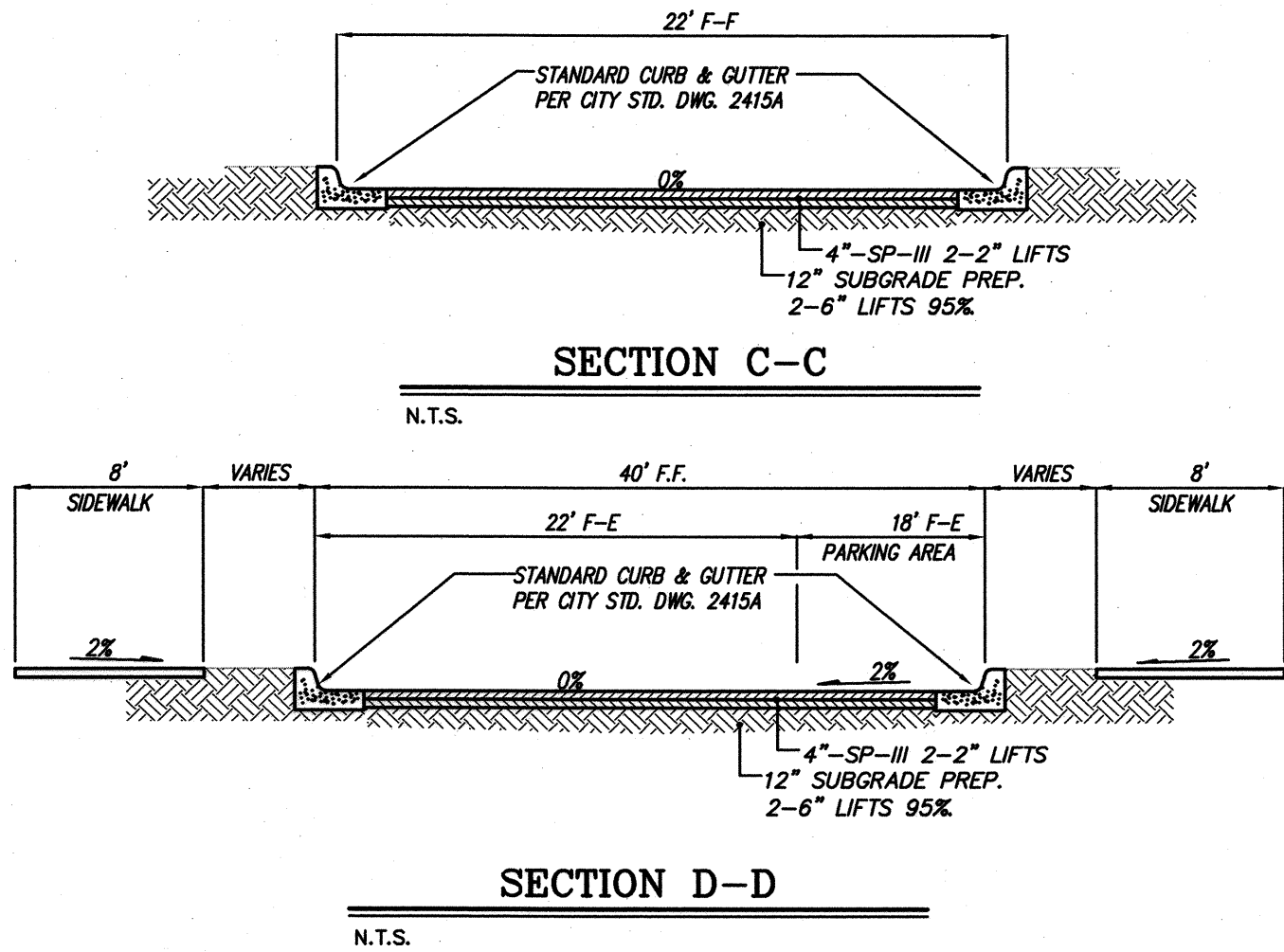
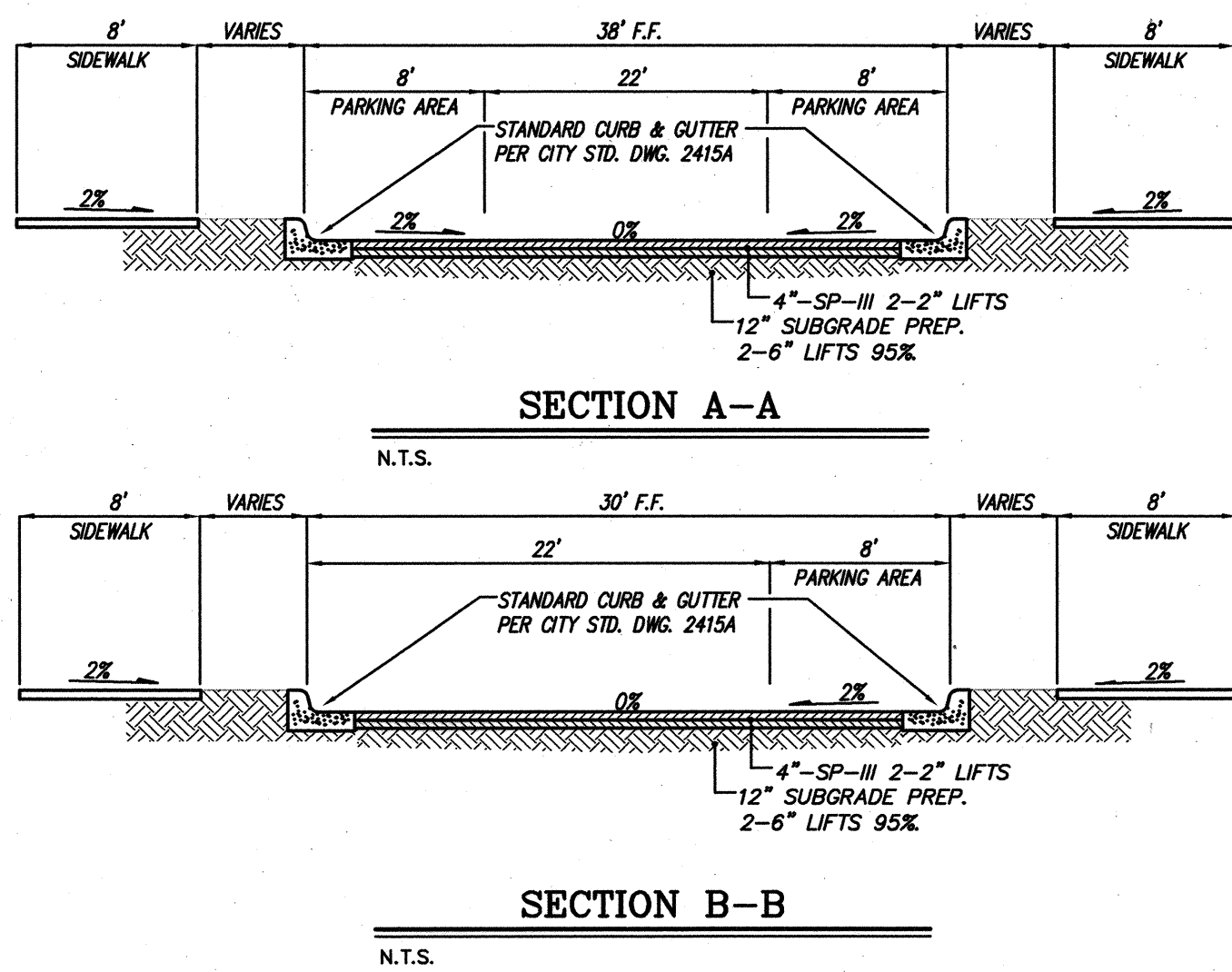
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: I.P.F.D.C.
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 26 2008	APPROVED NOV 21 2008 CITY ENGINEER		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	
CITY PROJECT NO. 718683	ZONE MAP NO. H-14	SHEET 4	OF 20



NOT PART OF WORK ORDER

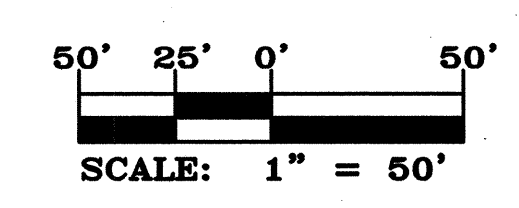
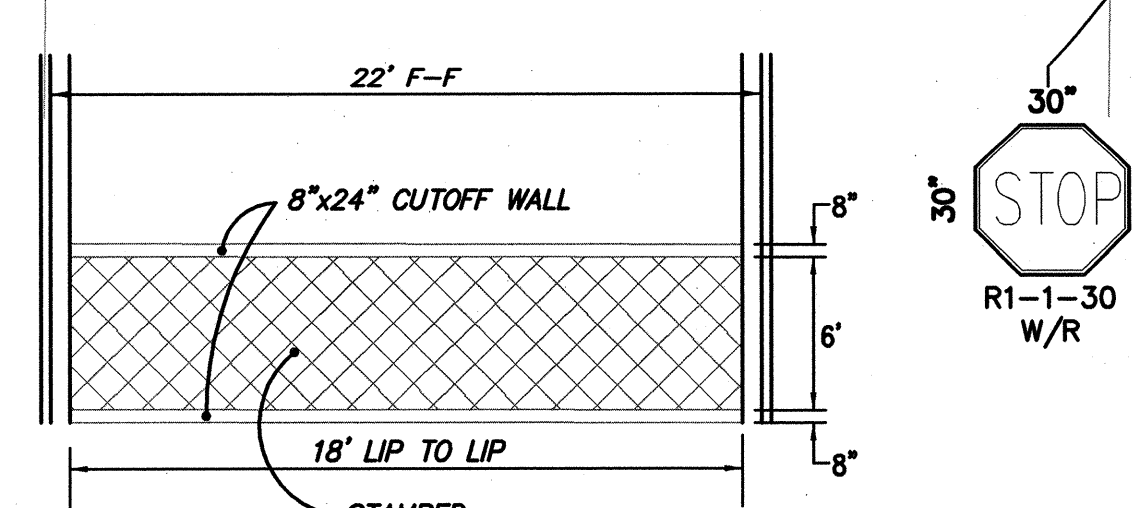
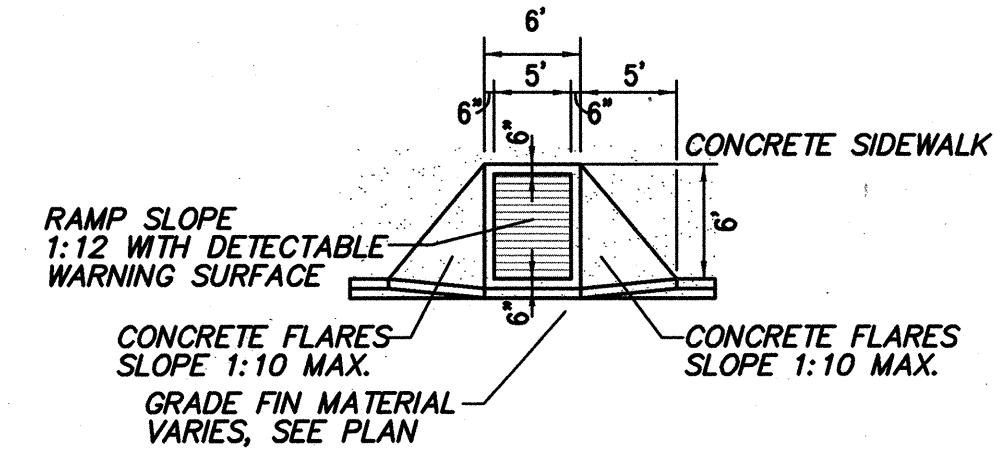
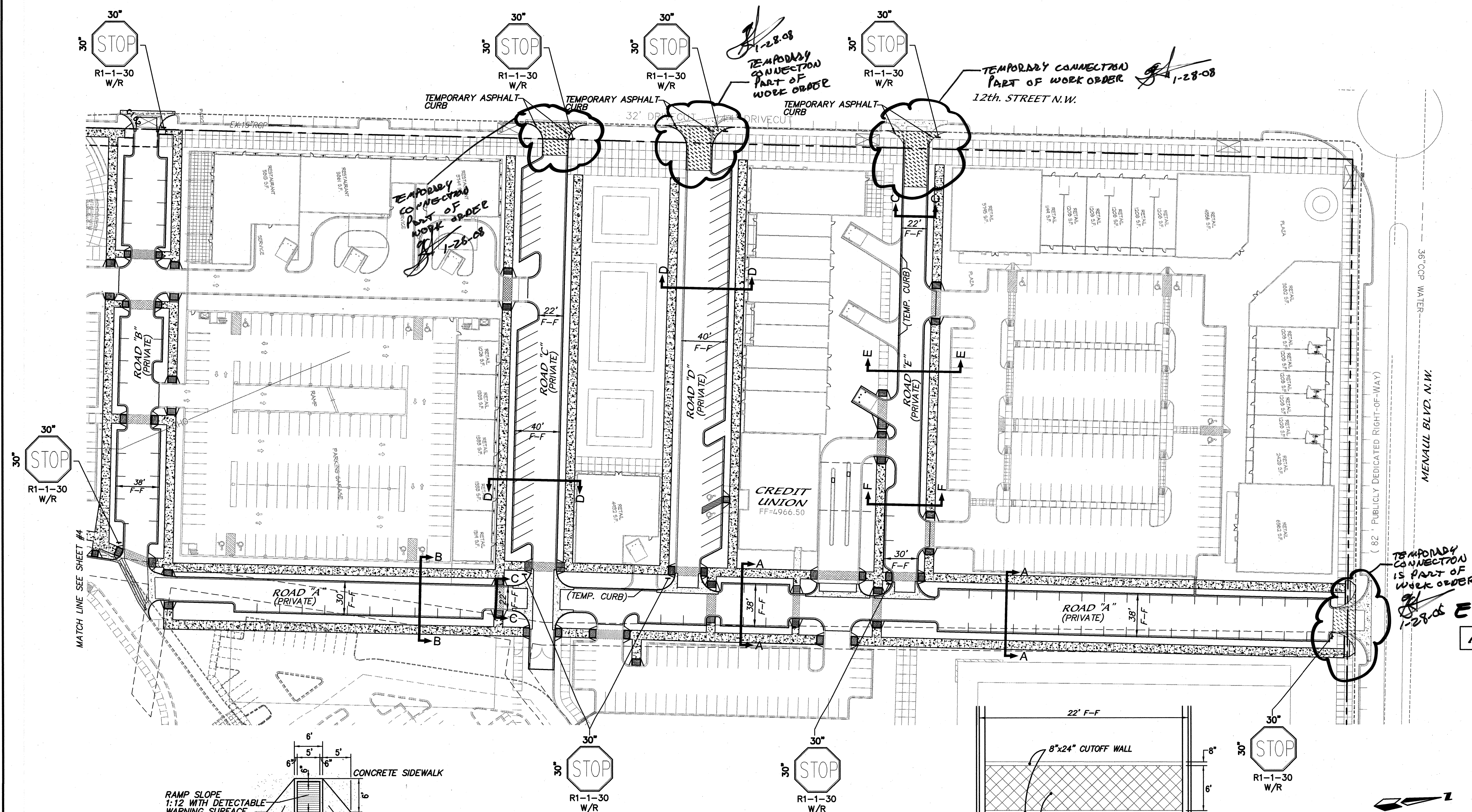


CONSTRUCTION NOTES

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LEGEND

- EXISTING CONCRETE CURB
- EXISTING GUY WIRE
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NOT PART OF WORK ORDER

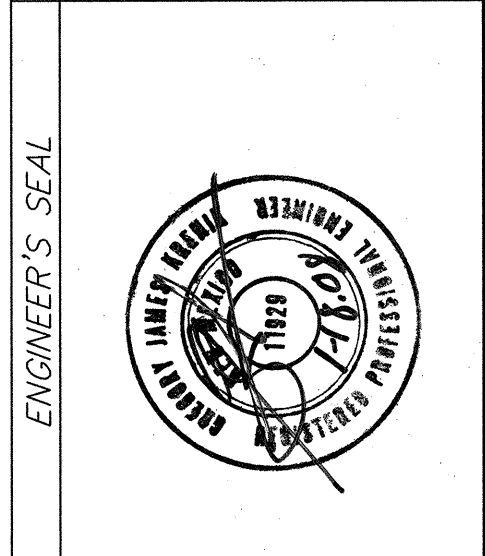
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TITLE: I.P.F.D.C.
MASTER PAVING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVE FEB 26 2008	APPROVE NOV 2 2008		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	
CITY PROJECT NO. 718683	ZONE MAP NO. H-14	SHEET 5	OF 20

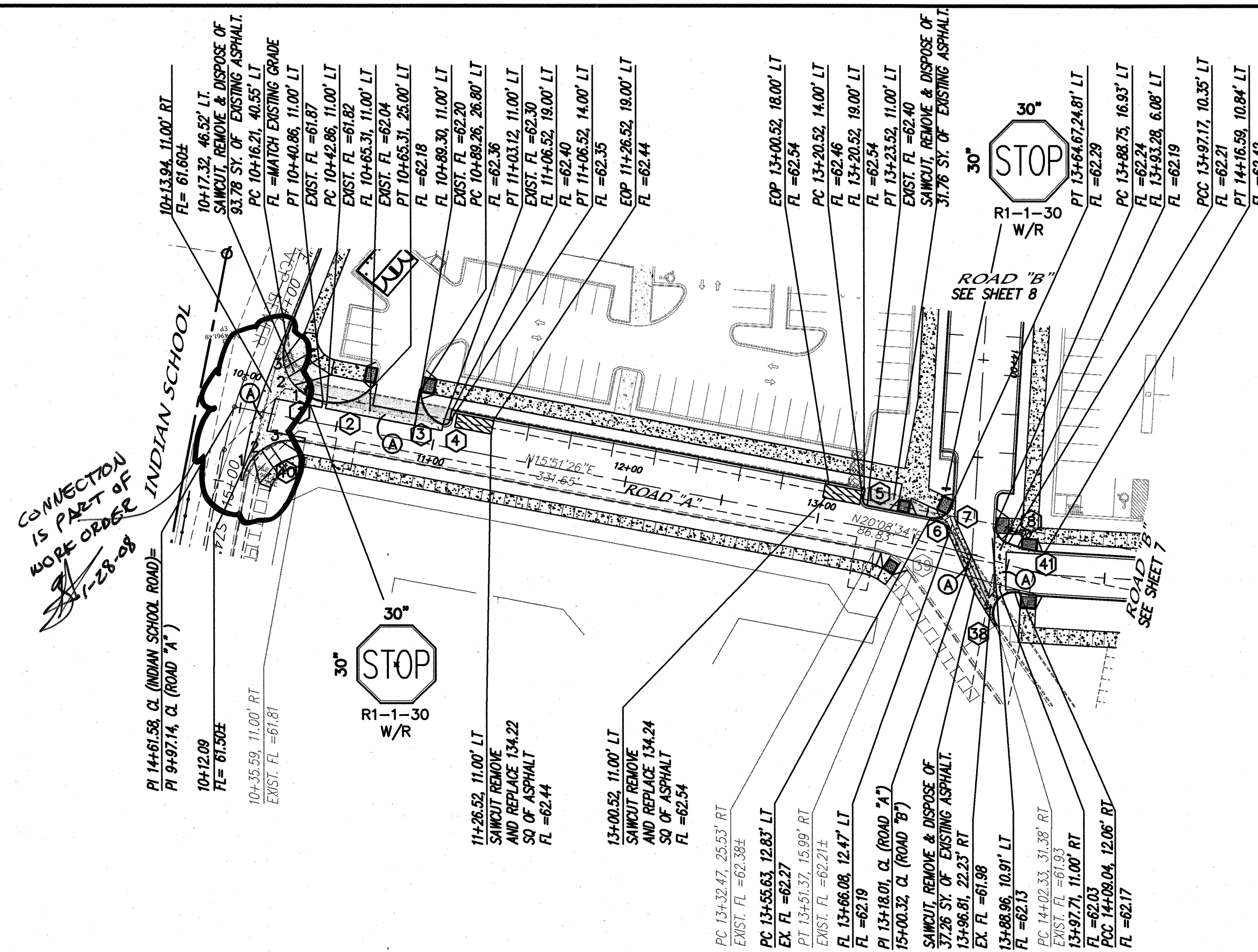
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	DATE	NO.
			BENCHMARK IS AN ACS 1 3/4" ALUMINUM DISK, STAMPED "ACS BM, 11-113", EXPOSED TO THE TOP OF A CONCRETE CURB, AT THE N.W. CURB RETURN. ELEVATION = 4961.641 (SLD 1929)		



NO.	DATE	REMARKS	BY
		DESIGN	
	11/07		
	11/07		
	11/07		

DESIGNED BY	DRAWN BY	CHECKED BY	DATE
G/K	C/K	DMG	11/07

F:\A07JOBS\A7013 INDIAN SCHOOL\DWG\A7013MPAV.DWG\1/28/2008\ CAR RFH



CURVE DATA - DESCRIBES FACE OF STANDARD CURB

① $\Delta = 2500^{\circ}51'$
 $R = 100.00'$
 $L = 43.83'$
 $T = 30.03'$

② $\Delta = 6335^{\circ}46'$
 $R = 200'$
 $L = 27.88'$
 $T = 15.59'$

③ $\Delta = 8219^{\circ}59'$
 $R = 16.00'$
 $L = 22.99'$
 $T = 13.99'$

④ $\Delta = 9741^{\circ}02'$
 $R = 3.00'$
 $L = 5.11'$
 $T = 3.43'$

⑤ $\Delta = 8950^{\circ}23'$
 $R = 3.00'$
 $L = 4.70'$
 $T = 2.99'$

⑥ $\Delta = 4326^{\circ}45'$
 $R = 10.00'$
 $L = 7.58'$
 $T = 3.98'$

⑦ $\Delta = 2206^{\circ}41'$
 $R = 10.00'$
 $L = 3.86'$
 $T = 1.95'$

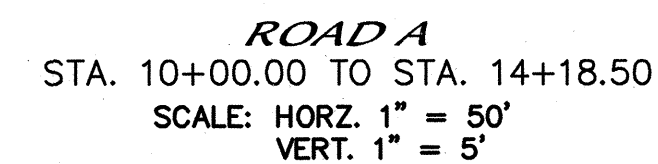
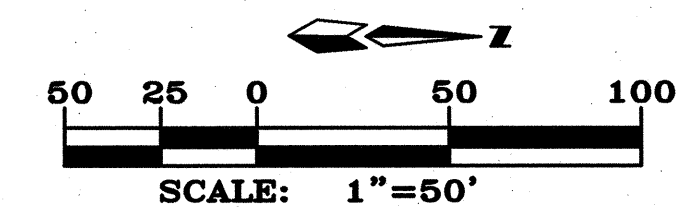
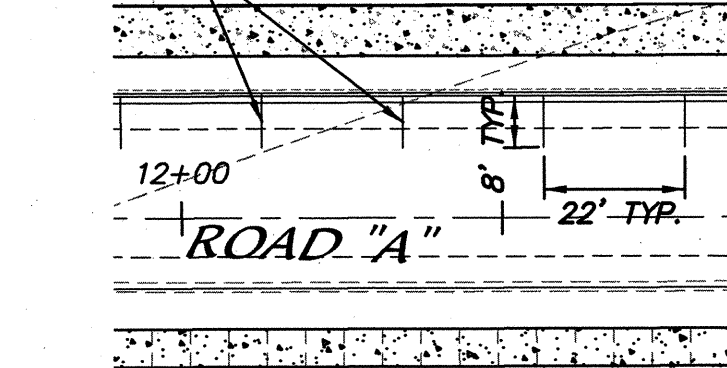
⑧ $\Delta = 4641^{\circ}31'$
 $R = 10.00'$
 $L = 8.15'$
 $T = 4.32'$

⑨ $\Delta = 13645^{\circ}47'$
 $R = 11.00'$
 $L = 26.26'$
 $T = 27.76'$

⑩ $\Delta = 738^{\circ}31'$
 $R = 38.00'$
 $L = 11.74'$
 $T = 5.88'$

⑪ $\Delta = 6717^{\circ}32'$
 $R = 30.00'$
 $L = 35.23'$
 $T = 19.97'$

⑫ $\Delta = 1655^{\circ}25'$
 $R = 66.00'$
 $L = 19.49'$
 $T = 9.82'$

[illegible]

NOTES

1. ALL STATIONING IS BASE LINE STATIONING.
2. (A) 6' VALLEY GUTTERS PER C.O.A. STD DWG 2420 WITH AN INVERT NOT TO EXCEED 1" TO CREATE 4' SECTION AT 2% CROSS SLOPE FOR HANDICAP ACCESSIBILITY.
3. ALL SIDEWALKS PER C.O.A. STD DWG 2430.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES		BENCHMARK IS AN ACS 1 3/4" ALUMINUM DISK, STAMPED, "ACS BM, 11-H13", EXPOIED TO THE TOP OF A CONCRETE CURB, AT THE N.N.W. CURB RETURN. ELEVATION = 4961.641 (SLD 1929)	CONTRACTOR	DATE
	BY	DATE		STARTED BY	DATE
				INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	

[illegible]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

I.P.F.D.C. MASTER PLAN
PAVING IMPROVEMENTS - ROAD "A"

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE

MO./DAY/YR.

MO./DAY/YR.

CITY PROJECT NO.

718683

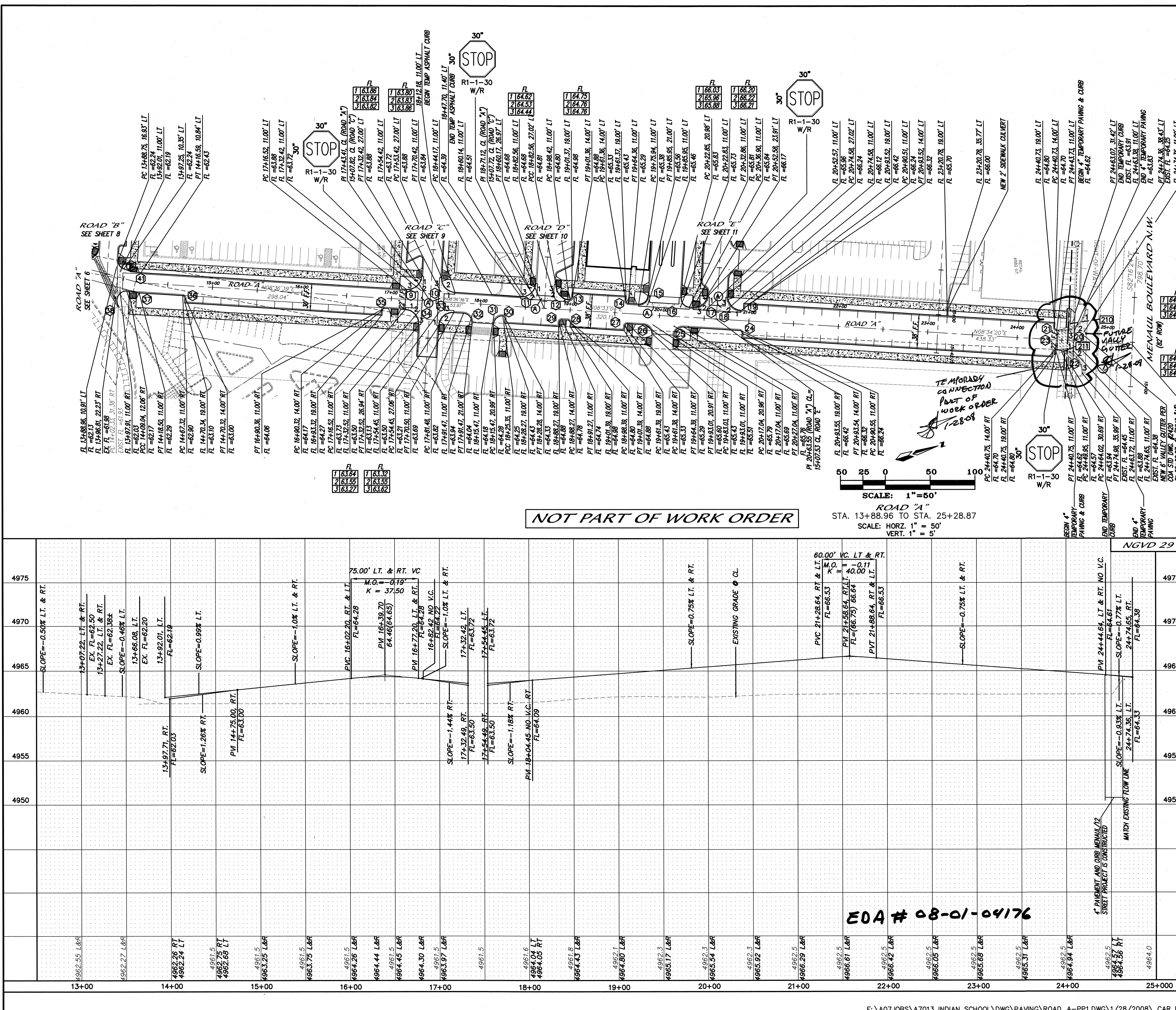
ZONE MAP NO.

H-14

SHEET

OF

6 20



NOTES

1. ALL STATIONING IS BASE LINE STATIONING.

2. 6" VALLEY GUTTERS PER C.O.A. STD DWG 2420 WITH AN INVERT NOT TO EXCEED 1" TO CREATE 4" SECTION AT 2% CROSS SLOPE FOR HANDICAP ACCESSIBILITY.

3. ALL SIDEWALKS PER C.O.A. STD DWG 2430.

4. ALL HANDICAP RAMPS ARE PER COA STD DWG 2441, CASE II UNLESS NOTED OTHERWISE.

5. SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 FOR STREETS SHALL BE REMOVED TO A DEPTH OF 3 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL, OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCORDING TO THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.

CURVE DATA - DESCRIBES FACE OF STANDARD CURB

7 Δ = 22°06'41"	8 Δ = 46°41'31"	9 Δ = 89°57'43"
R = 10.00'	R = 10.00'	R = 16.00'
L = 3.86'	L = 8.15'	L = 25.12'
T = 1.95'	T = 4.32'	T = 15.99'
10 Δ = 90°02'17"	11 Δ = 89°54'14"	12 Δ = 83°32'41"
R = 16.00'	R = 16.00'	R = 16.00'
L = 25.14'	L = 25.11'	L = 25.01'
T = 16.01'	T = 15.97'	T = 15.87'
13 Δ = 88°55'10"	14 Δ = 89°59'59"	15 Δ = 89°03'47"
R = 3.00'	R = 3.00'	R = 10.00'
L = 4.66'	L = 4.71'	L = 15.72'
T = 2.94'	T = 3.00'	T = 10.01'
16 Δ = 90°07'09"	17 Δ = 88°45'56"	18 Δ = 89°49'46"
R = 10.00'	R = 16.00'	R = 16.00'
L = 15.73'	L = 25.07'	L = 25.09'
T = 10.02'	T = 15.93'	T = 15.95'
19 Δ = 90°01'47"	20 Δ = 90°05'32"	21 Δ = 90°42'00"
R = 3.00'	R = 25.00'	R = 3.00'
L = 4.72'	L = 39.58'	L = 4.71'
T = 3.01'	T = 25.31'	T = 3.00'
22 Δ = 89°17'39"	23 Δ = 90°00'00"	24 Δ = 89°54'38"
R = 25.00'	R = 3.00'	R = 3.00'
L = 38.96'	L = 4.71'	L = 3.00'
T = 24.69'	T = 3.00'	T = 3.00'
25 Δ = 89°41'09"	26 Δ = 89°51'21"	27 Δ = 90°08'54"
R = 10.00'	R = 10.00'	R = 3.00'
L = 15.65'	L = 15.68'	L = 4.72'
T = 9.95'	T = 9.97'	T = 3.01'
28 Δ = 89°55'20"	29 Δ = 90°04'40"	30 Δ = 88°40'46"
R = 3.00'	R = 3.00'	R = 3.00'
L = 4.71'	L = 4.72'	L = 4.64'
T = 3.00'	T = 3.00'	T = 2.93'
31 Δ = 89°15'00"	32 Δ = 89°47'36"	33 Δ = 89°58'02"
R = 10.00'	R = 10.00'	R = 16.00'
L = 15.58'	L = 15.67'	L = 25.12'
T = 9.87'	T = 9.96'	T = 15.99'
34 Δ = 90°01'55"	35 Δ = 89°56'43"	36 Δ = 89°45'12"
R = 16.00'	R = 3.00'	R = 3.00'
L = 25.14'	L = 4.73'	L = 4.70'
T = 16.01'	T = 3.02'	T = 2.99'
37 Δ = 73°38'31"	38 Δ = 136°45'47"	39 Δ = 16°55'25"
R = 88.00'	R = 11.00'	R = 68.00'
L = 11.74'	L = 28.26'	L = 18.48'
T = 5.88'	T = 27.76'	T = 9.82'

CURVE DATA - DESCRIBES TEMPORARY ASPHALT CURB

210 Δ = 88°38'47"	211 Δ = 89°10'26"
R = 20.00'	R = 20.00'
L = 30.94'	L = 31.13'
T = 18.53'	T = 18.71'

4" SOLID WHITE STRIPE TYPICAL (REFLECTORIZED)

ROAD "A"

PARKING SPACING AND STRIPING DETAIL (ROAD "A" BETWEEN ROAD "B" AND MENAUL)

SCALE: 1"=30'

MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: I.P.F.D.C. MASTER PLAN
PAVING IMPROVEMENTS - ROAD "A"

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR.

MO./DAY/YR.

DESIGNED BY G/K

DRAWN BY CAR

CHECKED BY DMG

REVISIONS

DATE 11/07

DATE 11/07

DATE 11/07

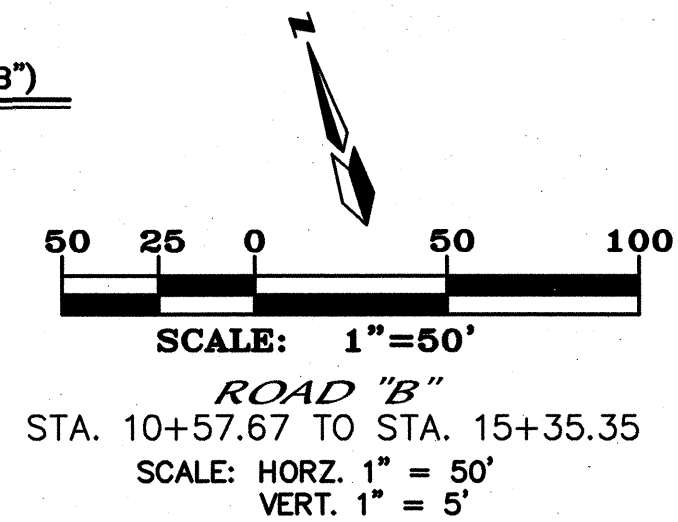
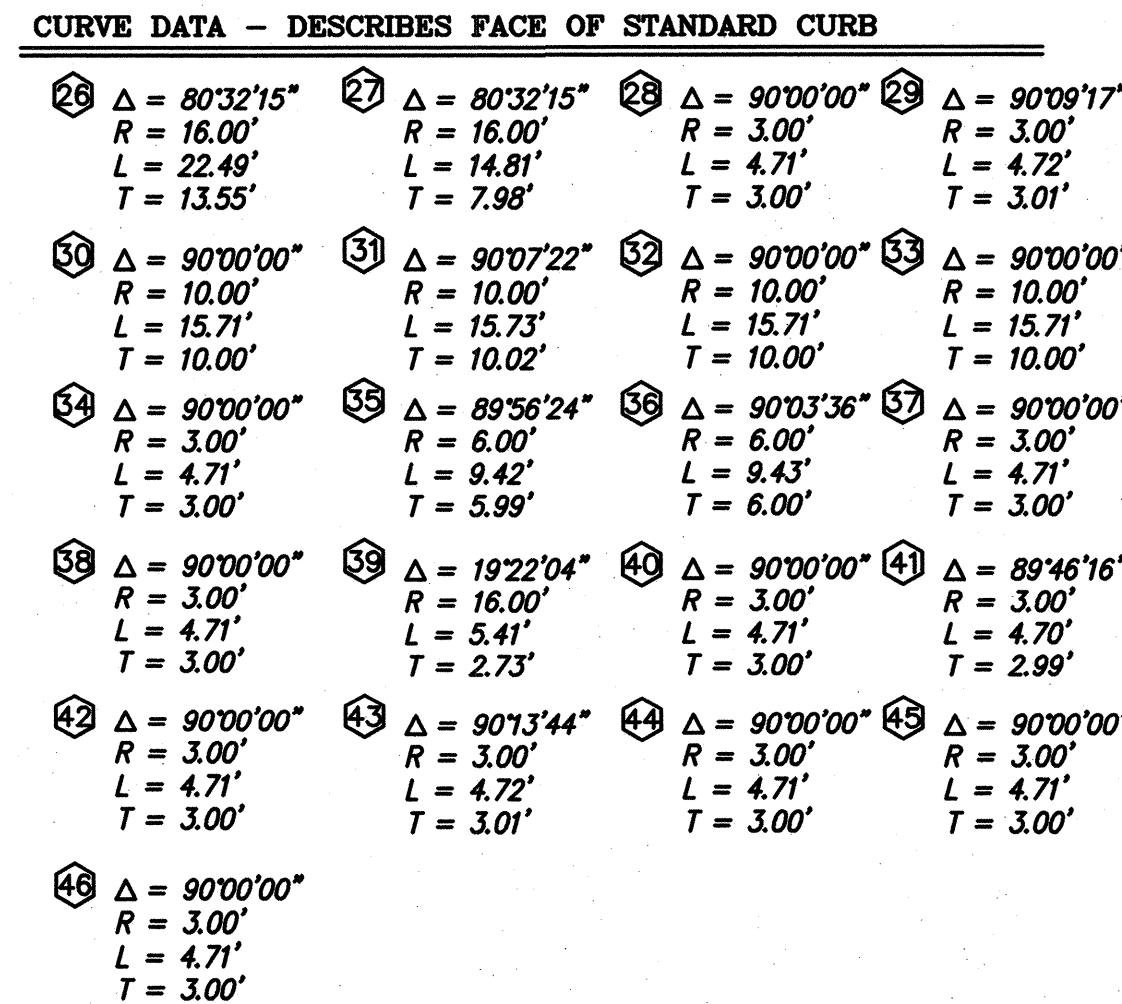
CITY PROJECT NO. 718683

ZONE MAP NO. H-14

SHEET 7 OF 20

F:\M02\JOBS\7013 Indian School\DWG\PAVING\ROAD_A-PP1.DWG 1/28/2008 9:07:14 AM, PLOTTED BY: RPH

F:\M02\JOBS\7013 Indian School\DWG\PAVING\ROAD_A-PP1.DWG 1/28/2008 9:07:14 AM, PLOTTED BY: RPH



NOTES

1. ALL STATIONING IS BASE LINE STATIONING.
2. (A) 6' VALLEY GUTTERS PER C.O.A. STD DWG 2420 WITH AN INVERT NOT TO EXCEED 1" TO CREATE 4' SECTION AT 2% CROSS SLOPE FOR HANDICAP ACCESSIBILITY.

SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION
FIELD NOTES			
NO.	BY	DATE	
			CONTRACTOR
			WORK
			PERFORMED BY
			INSPECTOR'S
			ACCEPTANCE BY
			FIELD
			REVISION BY
			DRAWINGS
			CORRECTED BY
			DATE
			<i>MICRO-FILM INFORMATION</i>
			RECORDED BY
			DATE
			NO.

DESIGNED BY	<i>GJK</i>	DATE	<i>11/07</i>
DRAWN BY	<i>CAR</i>	DATE	<i>11/07</i>
CHECKED BY	<i>DMG</i>	DATE	<i>11/07</i>
REVISIONS			
NO.	DATE	REMARKS	BY

EDA #08-01-04176

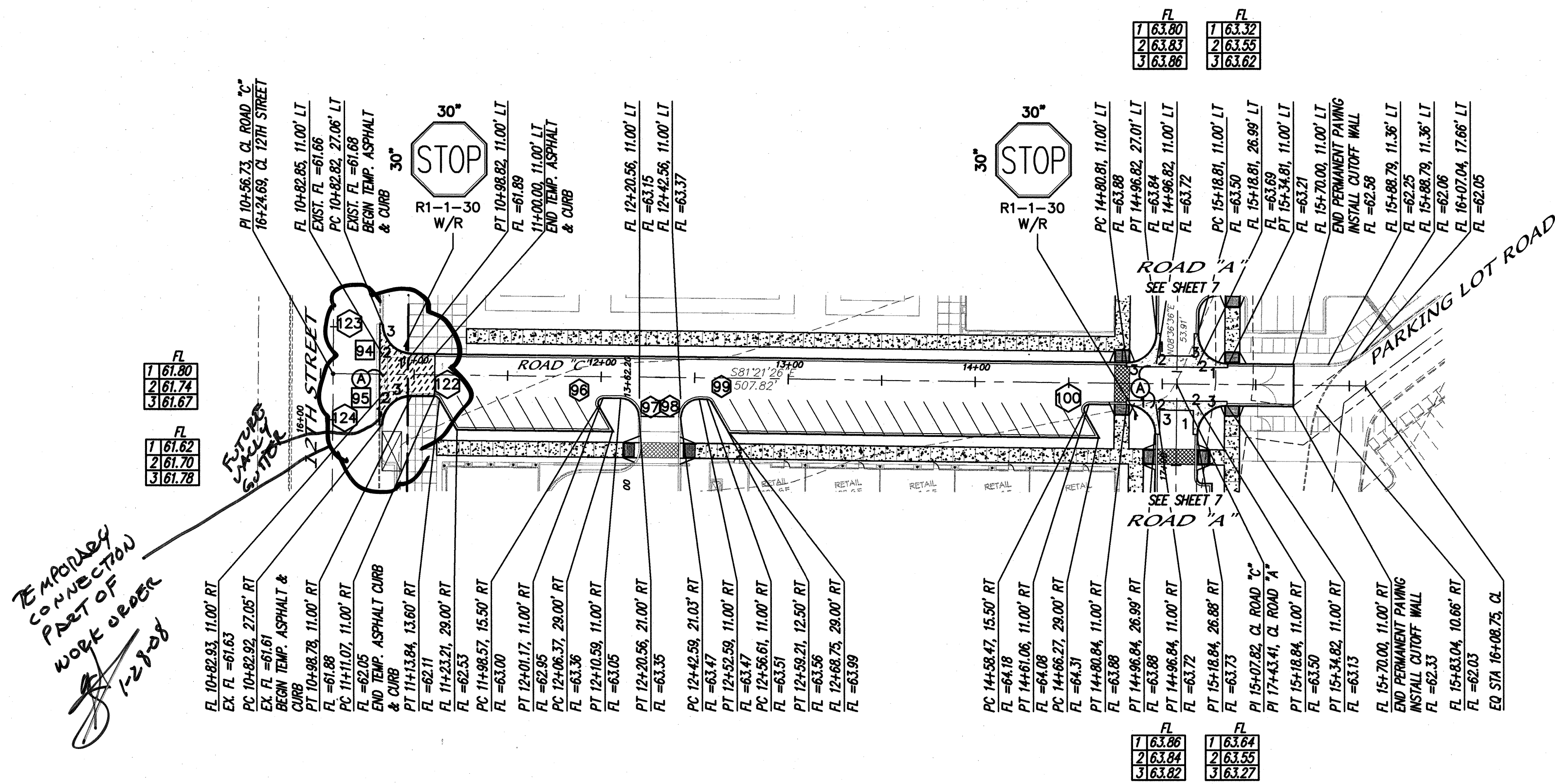
dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *I.P.F.D.C. MASTER PLAN
PAVING IMPROVEMENTS - ROAD "B"*

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED			
FEB 26 2008	NOV 21 2008			
DESIGN REVIEW COMMITTEE	CITY ENGINEER			

CITY PROJECT NO.	718683	ZONE MAP NO.	H-14	SHEET	8	OF	20
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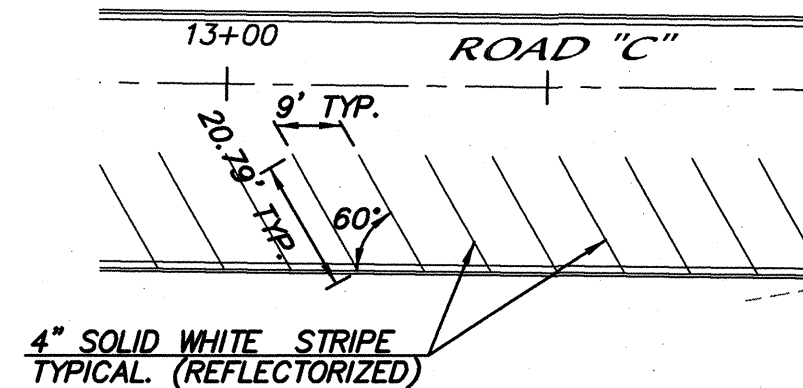


CURVE DATA - DESCRIBES FACE OF STANDARD CURB

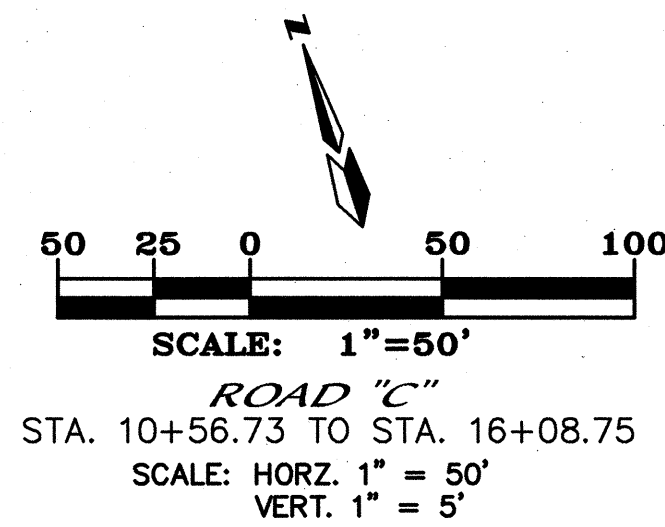
98	$\Delta = 120'02''$ $R = 3.00'$ $L = 6.28'$ $T = 5.20'$	97	$\Delta = 89'49''$ $R = 10.00'$ $L = 15.68'$ $T = 9.97'$	96	$\Delta = 90'10''$ $R = 10.00'$ $L = 15.74'$ $T = 10.03'$
99	$\Delta = 59'57''$ $R = 3.00'$ $L = 3.14'$ $T = 1.73'$	100	$\Delta = 120'02''$ $R = 3.00'$ $L = 6.28'$ $T = 5.20'$	122	$\Delta = 59'57''$ $R = 3.00'$ $L = 3.14'$ $T = 1.73'$
123	$\Delta = 89'50''$ $R = 16.00'$ $L = 25.09'$ $T = 15.95'$	124	$\Delta = 89'57''$ $R = 16.00'$ $L = 25.12'$ $T = 15.99'$		

CURVE DATA - DESCRIBES TEMPORARY ASPHALT CURB

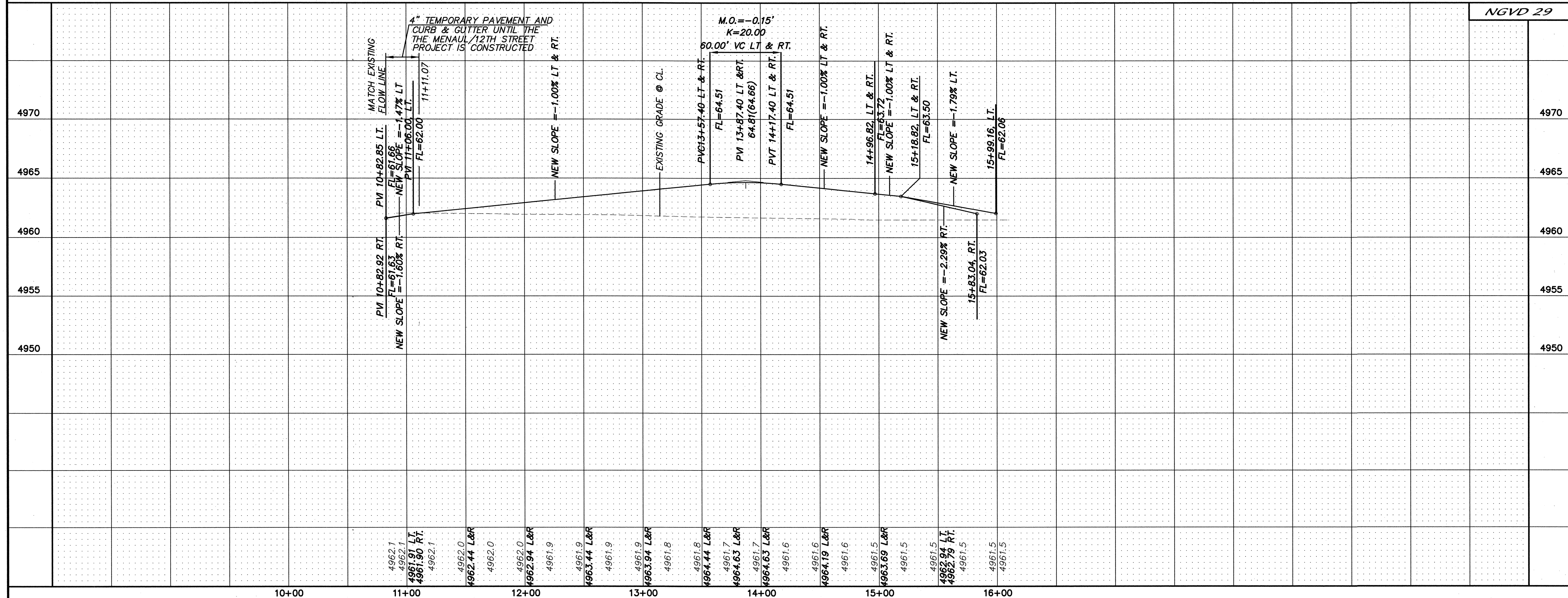
94	$\Delta = 89'50''$ $R = 16.00'$ $L = 25.09'$ $T = 15.95'$	95	$\Delta = 89'57''$ $R = 16.00'$ $L = 25.12'$ $T = 15.99'$
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PARKING SPACING AND STRIPING DETAIL (ROAD "C")
SCALE: 1"=30'



NOT PART OF WORK ORDER



EDA #08-01-04176

dmg MARK GOODWIN & ASSOCIATES, P.A.
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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

TITLE: **I.P.F.D.C. MASTER PLAN
PAVING IMPROVEMENTS - ROAD "C"**

DESIGN REVIEW COMMITTEE: **APPROVED** FEB 26 2008
CITY ENGINEER APPROVAL: **APPROVED** NOV 21 2008
LAST DESIGN UPDATE: **NOV 21 2008**

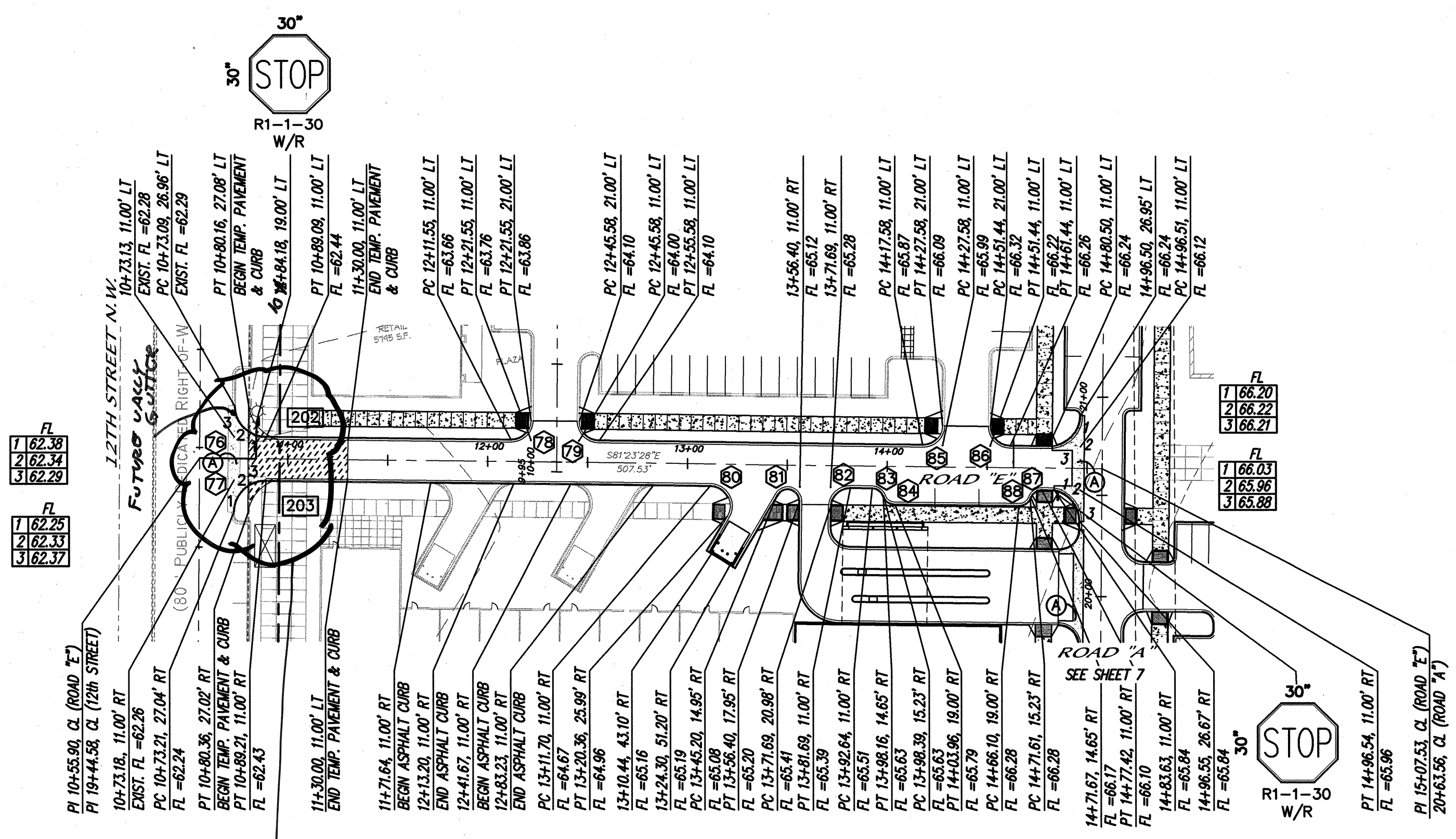
DESIGNED BY: **G/K** DATE: **11/07**
DRAWN BY: **CAR** DATE: **11/07**
CHECKED BY: **DMG** DATE: **11/07**

CITY PROJECT NO. **718683** ZONE MAP NO. **H-14** SHEET **9** OF **20**

SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES			BENCHMARK IS AN ACS 1 3/4" ALUMINUM DISK, STAMPED, "ACS BM, 11-H13", EPOXY TO THE TOP OF A CONCRETE CURB, AT THE N.W. CURB RETURN. ELEVATION = 4961.641 (SLD 1929)		CONTRACTOR	
NO.	BY	DATE	DATE	WORK	STAMPED BY	DATE
					ACCEPTANCE BY	DATE
					FIELD RECORDATION BY	DATE
					DRAWINGS	DATE
					CORRECTED BY	DATE
					MICRO-FILM INFORMATION	
					RECORDED BY	DATE
					NO.	

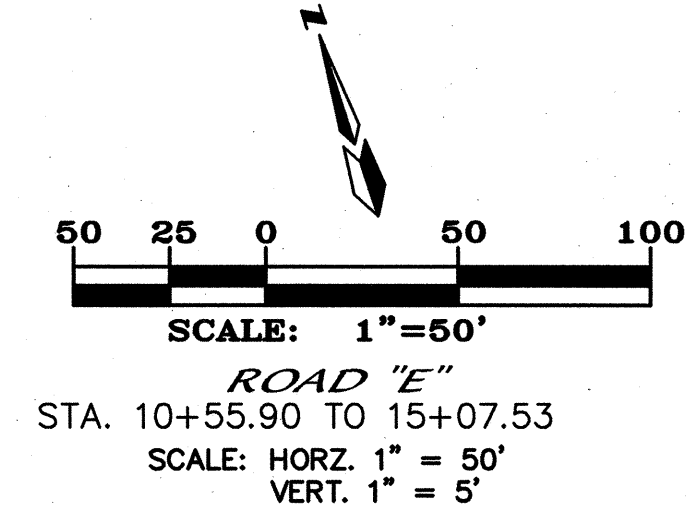
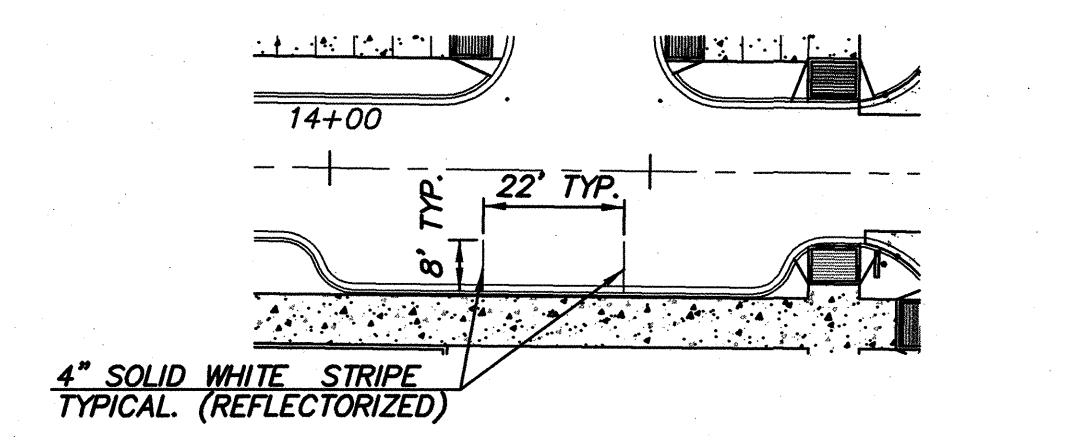


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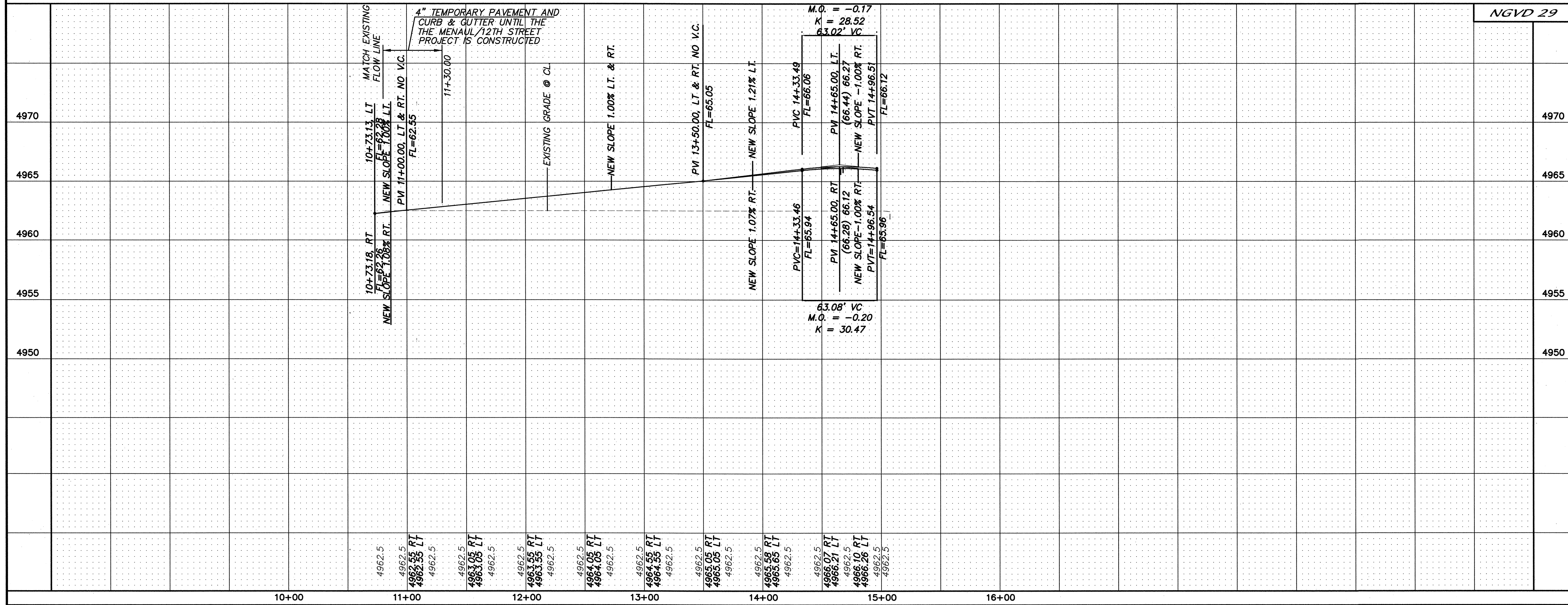


CURVE DATA - DESCRIBES FACE OF STANDARD CURB			
78	$\Delta = 89^{\circ}52'01''$ $R = 18.00'$ $L = 25.10'$ $T = 15.96'$	79	$\Delta = 90^{\circ}07'59''$ $R = 18.00'$ $L = 25.17'$ $T = 16.04'$
80	$\Delta = 150^{\circ}02'02''$ $R = 6.00'$ $L = 15.71'$ $T = 22.42'$	81	$\Delta = 89^{\circ}51'51''$ $R = 10.00'$ $L = 15.68'$ $T = 9.98'$
82	$\Delta = 150^{\circ}02'02''$ $R = 6.00'$ $L = 15.71'$ $T = 22.42'$	83	$\Delta = 89^{\circ}51'51''$ $R = 10.00'$ $L = 15.68'$ $T = 9.98'$
84	$\Delta = 90^{\circ}00'00''$ $R = 11.00'$ $L = 17.28'$ $T = 11.00'$	85	$\Delta = 89^{\circ}51'51''$ $R = 10.00'$ $L = 15.68'$ $T = 9.98'$
86	$\Delta = 90^{\circ}00'00''$ $R = 11.00'$ $L = 17.28'$ $T = 11.00'$	87	$\Delta = 89^{\circ}51'51''$ $R = 10.00'$ $L = 15.68'$ $T = 9.98'$
88	$\Delta = 90^{\circ}00'00''$ $R = 11.00'$ $L = 17.28'$ $T = 11.00'$	89	$\Delta = 89^{\circ}51'51''$ $R = 10.00'$ $L = 15.68'$ $T = 9.98'$

CURVE DATA - DESCRIBES FACE OF ASPHALT CURB			
202	$\Delta = 69^{\circ}17'12''$ $L = 24.19$ $R = 20.00$ $Tan = 22.74$	203	$\Delta = 73^{\circ}22'17''$ $L = 25.61$ $R = 20.00$ $Tan = 23.89$



NOT PART OF WORK ORDER



NOTES

1. ALL STATIONING IS BASE LINE STATIONING.

2. 6' VALLEY GUTTERS PER C.O.A. STD DWG 2420 WITH AN INVERT NOT TO EXCEED 1" TO CREATE 4' SECTION AT 2% CROSS SLOPE FOR HANDICAP ACCESSIBILITY.

AS BUILT INFORMATION

CONTRACTOR
DATE
WORK
DATE
INSPECTOR'S
DATE
FIELD
DATE
CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

SURVEY INFORMATION

FIELD NOTES
BY
DATE
NO.

ENGINEER'S SEAL

REVISIONS

DESIGN
DATE
11/07
DRAWN BY
DATE
11/07
CHECKED BY
DATE
11/07

ED#08-01-04176

dmg MARK GOODWIN & ASSOCIATES, P.A.
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ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 787-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:
I.P.F.D.C. MASTER PLAN
PAVING IMPROVEMENTS - ROAD "E"

DESIGN REVIEW COMMITTEE
APPROVED
FEB 26 2008
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
NOV 21 2008
CITY ENGINEER

MO./DAY/YR.
MO./DAY/YR.

CITY PROJECT NO.
718683

ZONE MAP NO.
H-14

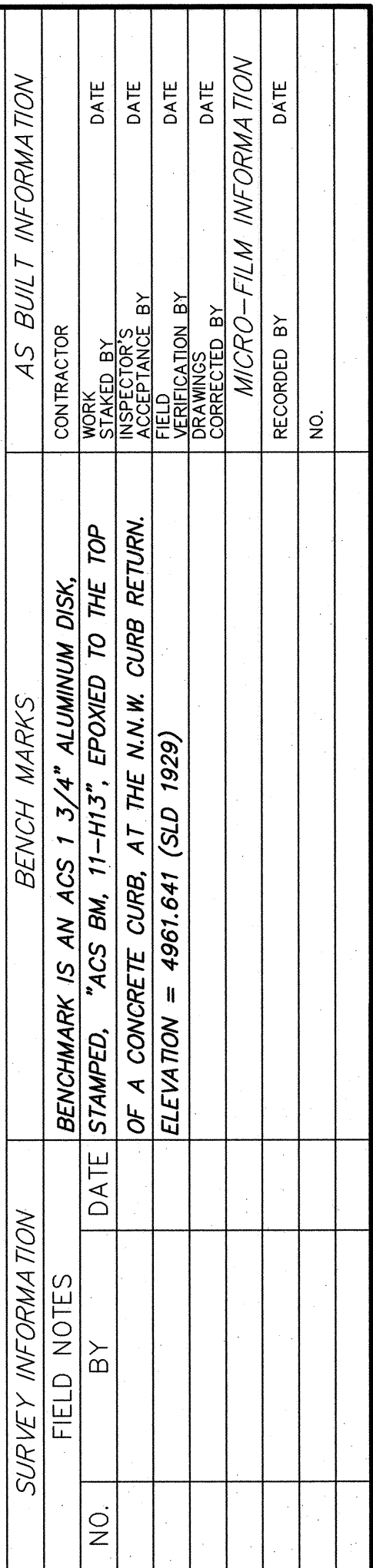
SHEET
11 OF 20



NOTES:

1. WATER LINES ARE PUBLIC.
2. SANITARY SEWER LINES ARE PRIVATE.
3. ALL WATER SERVICES TO HAVE DUAL CHECK VALVES ON METER SETTERS..
4. ALL WATER SERVICES ARE TO BE 1-1/2" UNLESS OTHERWISE NOTED..
5. ALL SANITARY SEWER SERVICES ARE TO BE 6" UNLESS OTHERWISE NOTED.

1. CONTRACTOR WILL CONTACT WATER SYSTEMS AT 857-8200, SEVEN (7) DAYS PRIOR TO NECESSARY SHUT-OFF.
2. VALVES SHALL ONLY BE OPERATED BY ABCWMA EMPLOYEES. SEE THIS SHEET FOR VALVE NUMBER & LOCATIONS.
3. SHUT VALVES ① & ② ON ROAD "A" BEFORE MAKING THE NON-PRESSURIZED CONNECTIONS IN ROAD "C" ROAD "D", THE FIRE HYDRANT STUB NEAR ROAD "C" AND THE 8" WATER LINE STUB NEAR MENDAU.
4. SHUT VALVES ② THROUGH ⑦ ON ROAD "A" AND INDIAN SCHOOL BEFORE MAKING THE NON-PRESSURIZED CONNECTIONS FROM INDIAN SCHOOL TO ROAD "B".
5. SHUT VALVE ⑥ & ⑧ ON 12TH STREET BEFORE MAKING THE NON-PRESSURIZED CONNECTION IN ROAD "B" AND ROAD "D".

[illegible]

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

I.P.F.D.C.
MASTER UTILITY PLAN

DESIGN REVIEW COMMITTEE

APPROVED

FEB 26 2008

DESIGN

CITY ENGINEER APPROVAL

APPROVED

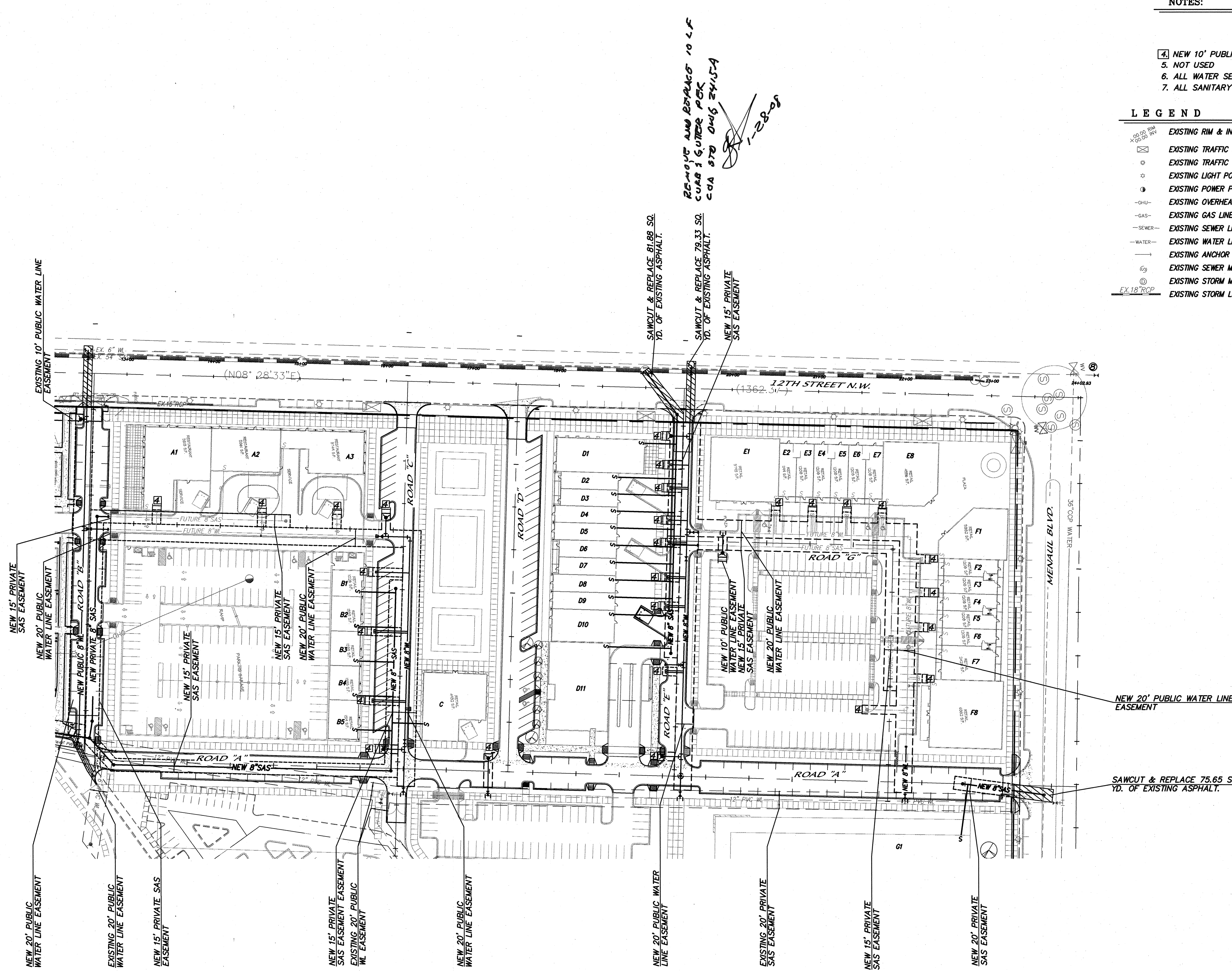
NOV 21 2008

CITY ENGINEER

MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	718683	ZONE MAP NO.	H-14	SHEET	12	OF	20
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F:\AD\JOBS\1013 INDIAN SCHOOL\DWG\BASE_UT.DWG 12:54:07 PM, PLOTTED BY: RFL



RE-MOUNT AND REPAIR 10 LF
CROSS 16.0000 POK
CDA 870 DWG 24.154
1-28-09

NOTES:

- NEW 10' PUBLIC WATER LINE EASEMENT
- NOT USED
- ALL WATER SERVICES ARE TO BE 1-1/2" UNLESS OTHERWISE SPECIFIED
- ALL SANITARY SEWER SERVICES ARE TO BE 6" UNLESS OTHERWISE NOTED.

LEGEND

EXISTING RIM & INV ELEVATION	EXISTING WATER VALVE
EXISTING TRAFFIC SIGNAL BOX	EXISTING METER RISER
EXISTING TRAFFIC SIGNAL	EXISTING BILLBOARD
EXISTING LIGHT POLE	EXISTING FIRE HYDRANT
EXISTING POWER POLE	EXISTING DROP INLET
EXISTING OVERHEAD UTILITY LINE	EXISTING FENCE
EXISTING GAS LINE	EXISTING PROPERTY LINE
EXISTING SEWER LINE	EXISTING LOT LINES
EXISTING WATER LINE	EXISTING CURB & GUTTER
EXISTING ANCHOR	EXISTING SIDEWALK
EXISTING SEWER MANHOLE	NEW BUILDING
EXISTING STORM MANHOLE	NEW CURB & GUTTER
EXISTING STORM LINE	NEW PARKING STRIPES
	NEW STORM DRAIN
	NEW FINISH FLOOR
	NEW SAS LINE
	NEW WATERLINE
	FUTURE BUILDING
	NEW SAS SERVICE
	NEW WATERLINE SERVICE
	FUTURE WATERLINE SERVICE
	SAWCUT & REPLACE EXISTING ASPHALT PER 2465-ARTERIAL

EOA #08-01-04176

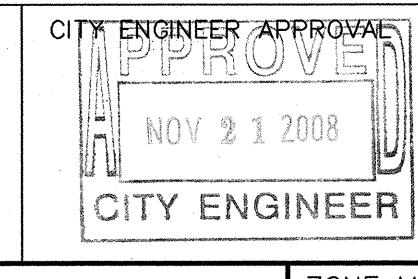
MARK GOODWIN & ASSOCIATES, P.A.
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ALBUQUERQUE, NEW MEXICO 87199
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

I.P.F.D.C.
MASTER UTILITY PLAN



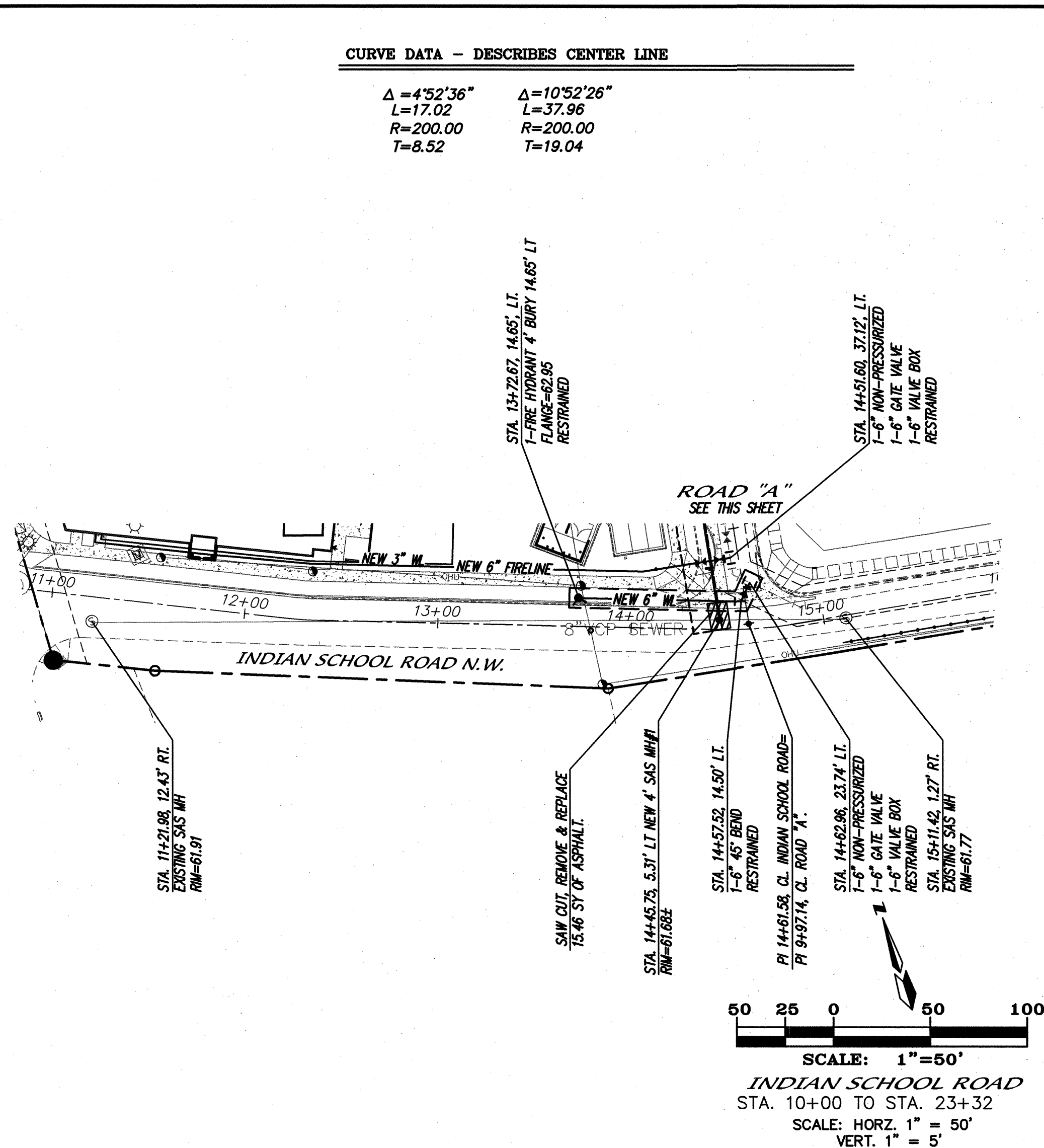
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED		
FEB 26 2008	NOV 21 2008		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		

CITY PROJECT NO. 718683

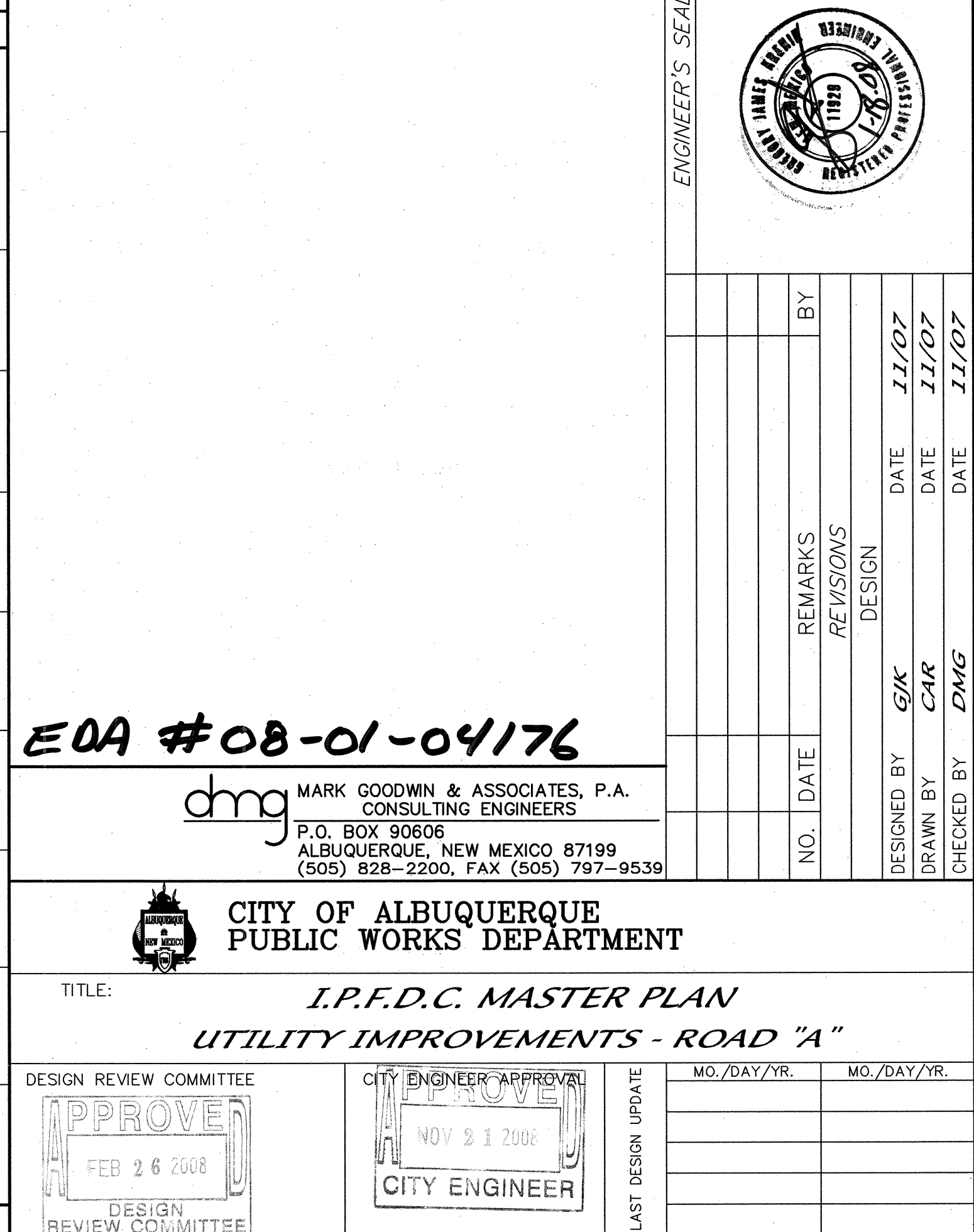
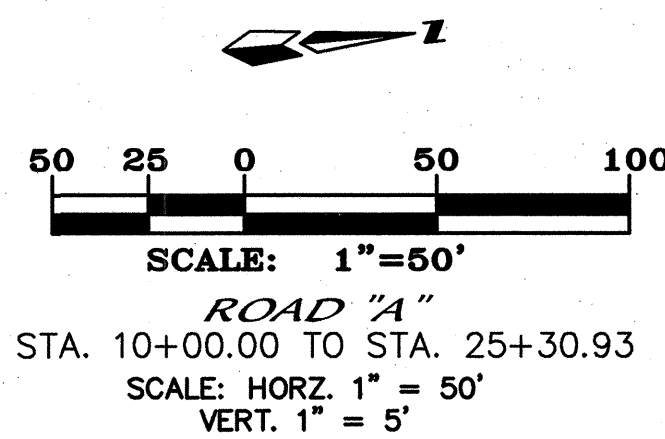
ZONE MAP NO. H-14

SHEET 13 OF 20

F:\AD\JOBS\1013 INDIAN SCHOOL\DWG\BASE_UT.DWG\01-02-08\ CAR



F:\A07JOBS\A7013 INDIAN SCHOOL\DWG\UTILITY\ROAD_A-UP1.DWG\1/17/2008\ CAR RFH	718683	H-14	14 20
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RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)					
PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	—	—	46'
8"	22'	9'	4'	2'	60'
12"	30'	11'	5'	3'	72'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF
THE BEND. RESTRAIN BRANCH AT FITTING ONLY
MINIMUM ATTACHED PIPE LENGTH, RUN SIDE
OF TE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
12"x12"x8"	8'	5'
12"x12"x12"	18'	3'
8"x8"x6"	7'	5'

SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
NO.	FIELD NOTES DATE BY		CONTRACTOR	DATE
		BENCHMARK IS AN ACS 1.3/4" ALUMINUM DISK, STAMPED, "ACS BM, 11-H13", EPOXYED TO THE TOP OF A CONCRETE CURB, AT THE N.N.W. CURB RETURN. ELEVATION = 4961.641 (SLD 1929)	WORK STARTED BY ACCEPTED BY	DATE
			FIELD DRAWINGS CORRECTED BY	DATE
			MICRO-FILM INFORMATION	
			RECORDED BY	DATE
			NO.	

ENGINEER'S SEAL

NO.		DATE	REMARKS	BY
REVISIONS				
DESIGN				
DESIGNED BY		<i>G/K</i>	DATE	<i>11/07</i>
DRAWN BY		<i>CAR</i>	DATE	<i>11/07</i>
CHECKED BY		<i>DMG</i>	DATE	<i>11/07</i>

EOA #08-01-04176

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
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(505) 828-2200. FAX (505) 797-9539



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *I.P.F.D.C. MASTER PLAN*
UTILITY IMPROVEMENTS - ROAD "A"

DESIGN REVIEW COMMITTEE

APPROVED

FEB 26 2008

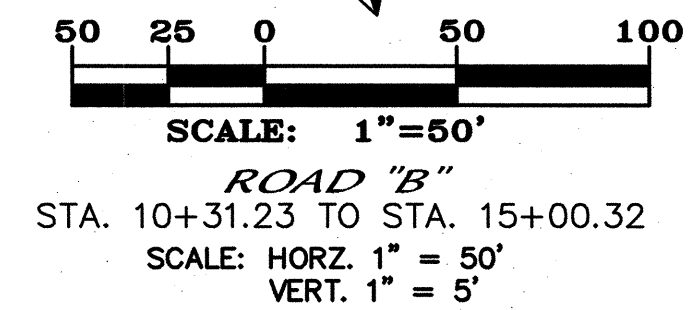
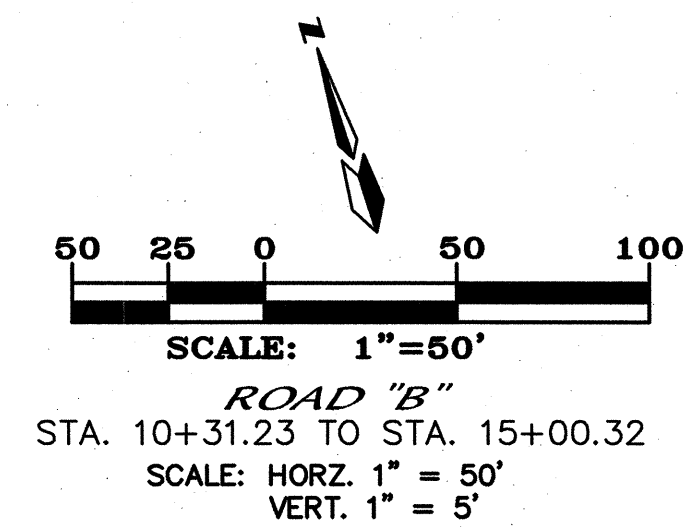
DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
NOV 21 2008
CITY ENGINEER

LAST DESIGN UPDATE

MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	718683	ZONE MAP NO.	H-14	SHEET	15	OF	20
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RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)				
PIPE SIZE	90°	45°	22.5°	11.25° VALVE
6"	17'	7'	—	46'
8"	22'	9'	4'	60'
12"	30'	11'	5'	72'

LENGTH OF RESTRAINED BRANCH ON EACH SIDE OF
THE BEND. RESTRAIN BRANCH AT FITTING ONLY
MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF
TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)		
PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
12"x12"x8"	8'	5'
12"x12"x12"	18'	3'
8"x8"x6"	7'	5'

SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION	
NO.	FIELD NOTES BY DATE		CONTRACTOR	DATE
		BENCHMARK IS AN ACS 1 3/4" ALUMINUM DISK, STAMPED, "ACS BM, 11-H13", EPOXYED TO THE TOP OF A CONCRETE CURB, AT THE N.N.W. CURB RETURN. ELEVATION = 4951.641 (SLD 1929)	WORK STARTED BY ACCEPTANCE BY FIELD ACTION BY DRAWINGS CORRECTED BY	DATE DATE DATE DATE DATE
			MICRO-FILM INFORMATION	
			RECORDED BY	DATE
			NO.	

[illegible]

DESIGNED BY		DATE	
DRAWN BY		DATE	
CHECKED BY		DATE	
GJK		11/07	
CAR		11/07	
DMG		11/07	

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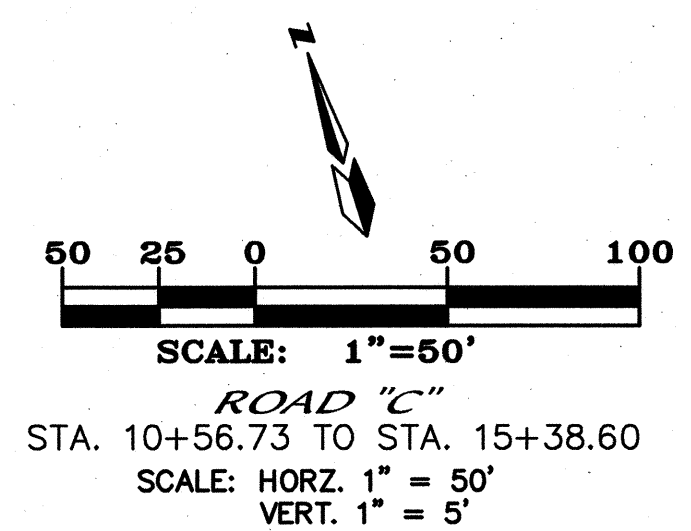
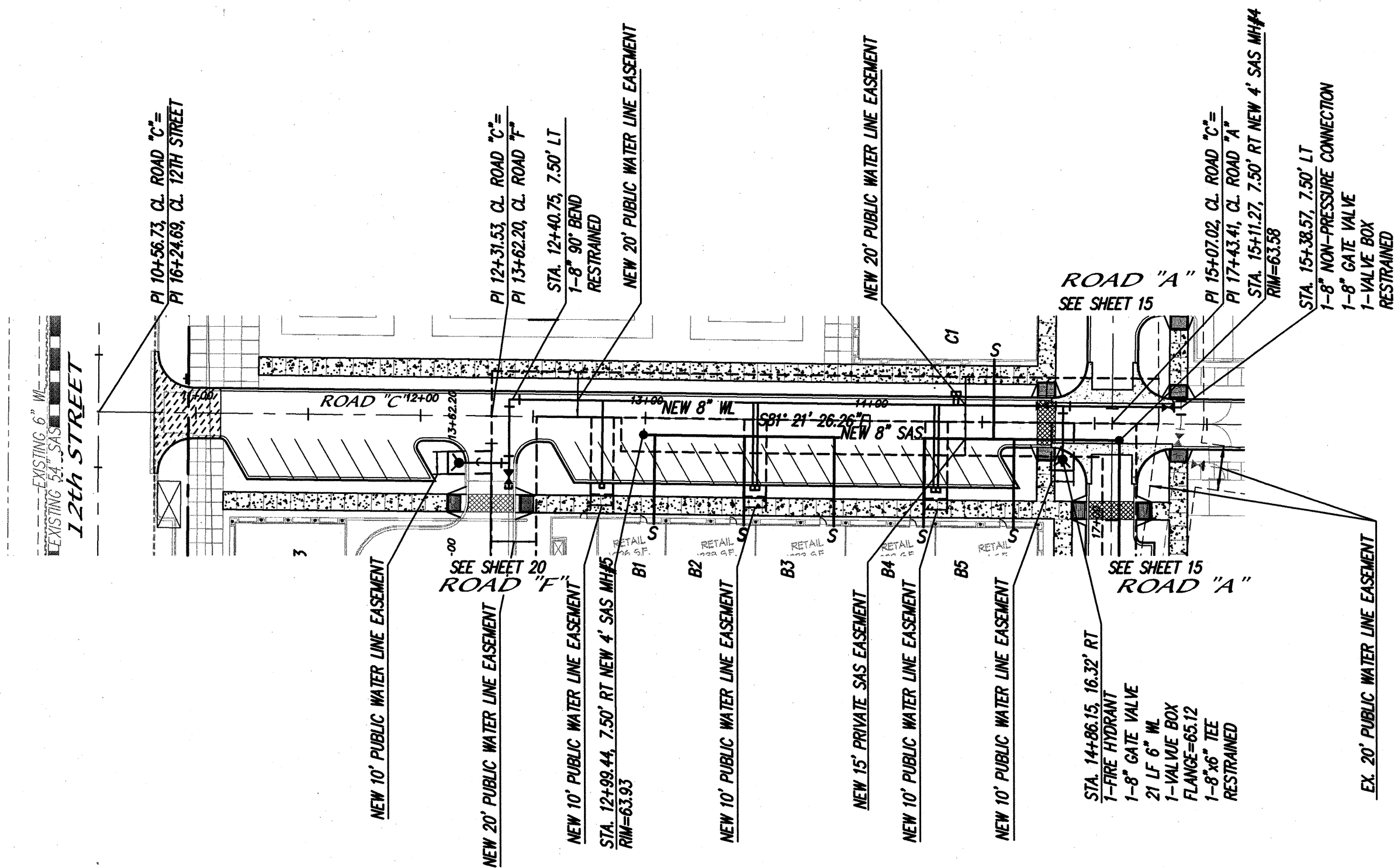
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *I.P.F.D.C. MASTER PLAN
UTILITY IMPROVEMENTS - ROAD "B"*

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
		LAST DESIGN UPDATE		

CITY PROJECT NO.	718683	ZONE MAP NO.	H-14	SHEET	OF	16	20
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F:\A07JOBS\A7013 Indian School\DWG\UTILITY\ROAD_C-UP3.DWG, 1/29/2008 8:21:40 AM, PLOTTED BY: RH



NOTES

1. ALL STATIONING IS BASED ON CENTERLINE.
2. SANITARY SEWER LINE IS PRIVATE.
3. WATERLINE IS PUBLIC.

6" SANITARY SEWER SERVICES

BUILDING	STATION AT BLDG	INV. ELEV. BLDG	LENGTH AT BLDG
B1	13+04.43	61.71	47.36'
B2	13+44.43	61.18	47.34'
B3	13+84.43	60.85	47.31'
B4	14+24.30	60.53	46.63'
B5	14+64.43	60.20	47.27'
C1	14+55.29	60.27	27.75'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
12"	30'	12'	6'	3'	85'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
12"x12"	18'	3'
12"x8"	8'	5'
8"x6"	7'	5'

LEGEND

- EXISTING CURB AND GUTTER
- 5095- EX. CONT. M.R.
- 5094- EX. CONT. MNR
- TCXX.XX EX. TOP CURB
- FL=XX.XX EX. FL=FLOWLINE
- x 00.00 EX. SPOT ELEVATION
- WC EX. WHEELCHAIR RAMP
- + EX. SIGN
- () EX. SANITARY SEWER MANHOLE
- Δ EX. WATER VALVE
- 6"SAS EX. SANITARY SEWER SERVICE
- 6"W EX. WATER WATER SERVICE
- UGT EX. UNDER GROUND TELEPHONE
- UGE EX. UNDER GROUND ELECTRIC
- GAS-LINE EX. UNDER GROUND GAS LINE
- EX. FIRE HYDRANT
- E&T EX. OVERHEAD UTILITIES
- UT EX. UNDERGROUND TELEPHONE LINE SPOT
- EX. POWER POLE
- EX. LOT LIGHT
- EX. TELEPHONE MANHOLE
- EX. TELEPHONE PEDESTAL
- PROPERTY LINE
- ===== NEW CURB AND GUTTER

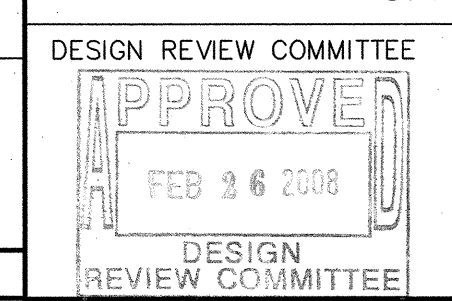
EDA # 08-01-04176

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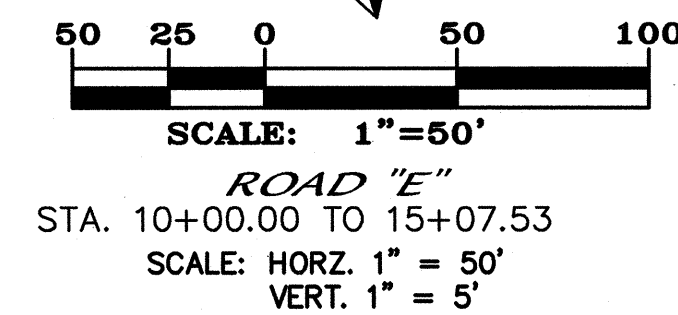
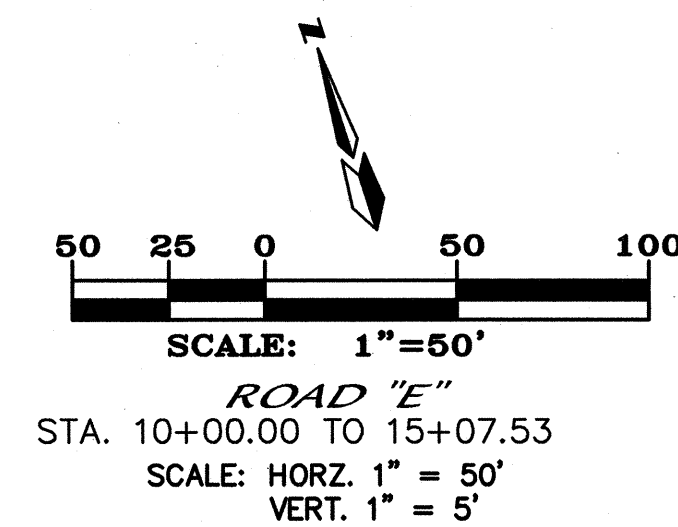
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: I.P.F.D.C. MASTER PLAN
UTILITY IMPROVEMENTS - ROAD "C"



CITY PROJECT NO.	718683	ZONE MAP NO.	H-14	SHEET	17	OF	20
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AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK	BENCHMARK IS AN ACS 1 3/4" ALUMINUM DISK.	DATE	NO.	BY		REVISIONS
STAKED BY	DATE	STAMPED, "ACS BM, 11-H13", EPOXIED TO THE TOP	DATE	NO.	BY		
ACCEPTANCE BY	DATE	OF A CONCRETE CURB, AT THE N.N.W. CURB RETURN.	DATE	NO.	BY		
FIELD	DATE	ELEVATION = 4961.641 (SLD 1929)	DATE	NO.	BY		
DRAWINGS	DATE		DATE	NO.	BY	DESIGNED BY	DATE
CORRECTED BY	DATE		DATE	NO.	BY	DRAWN BY	DATE
MICRO-FILM INFORMATION	DATE		DATE	NO.	BY	CHECKED BY	DATE
RECORDED BY	DATE		DATE	NO.	BY		



PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
12"x12"x8"	8'	5'
12"x12"x12"	18'	3'
8"x8"x6"	7'	5'

Professional

SHEET OF
18 20

NOTES

1. ALL STATIONING IS BASED ON CENTERLINE.
2. SANITARY SEWER LINE IS PRIVATE.
3. WATERLINE IS PUBLIC.

6" SANITARY SEWER SERVICES

LOT	STATION AT BLDG.	INV. ELEV. AT BLDG.	LENGTH AT BLDG.
E1	11+07.21	54.34	48.08
E2	11+17.50	54.42	54.36
E3	11+37.50	54.60	54.25
E4	11+57.50	54.77	54.15
E5	11+77.50	54.87	54.04
E6	11+97.50	55.11	53.94
E7	12+17.50	55.28	53.83
E8	12+36.55	55.44	47.40
F1	12+54.93	55.76	52.84
F2	12+64.93	55.85	59.12
F3	12+84.93	56.01	59.01
F4	13+04.93	56.17	58.91
F5	13+24.93	56.34	58.80
F6	13+44.93	56.50	58.70
F7	13+64.93	56.37	58.59
F8	14+04.23	56.99	47.05

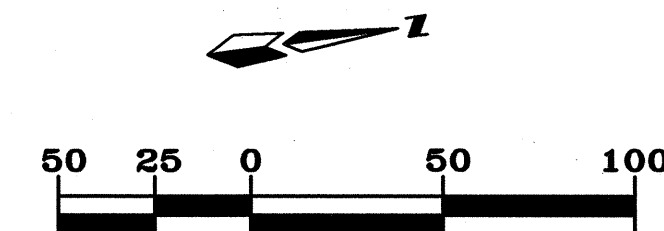
RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	3'	2'	46'
8"	22'	9'	4'	2'	60'
12"	30'	12'	6'	3'	85'

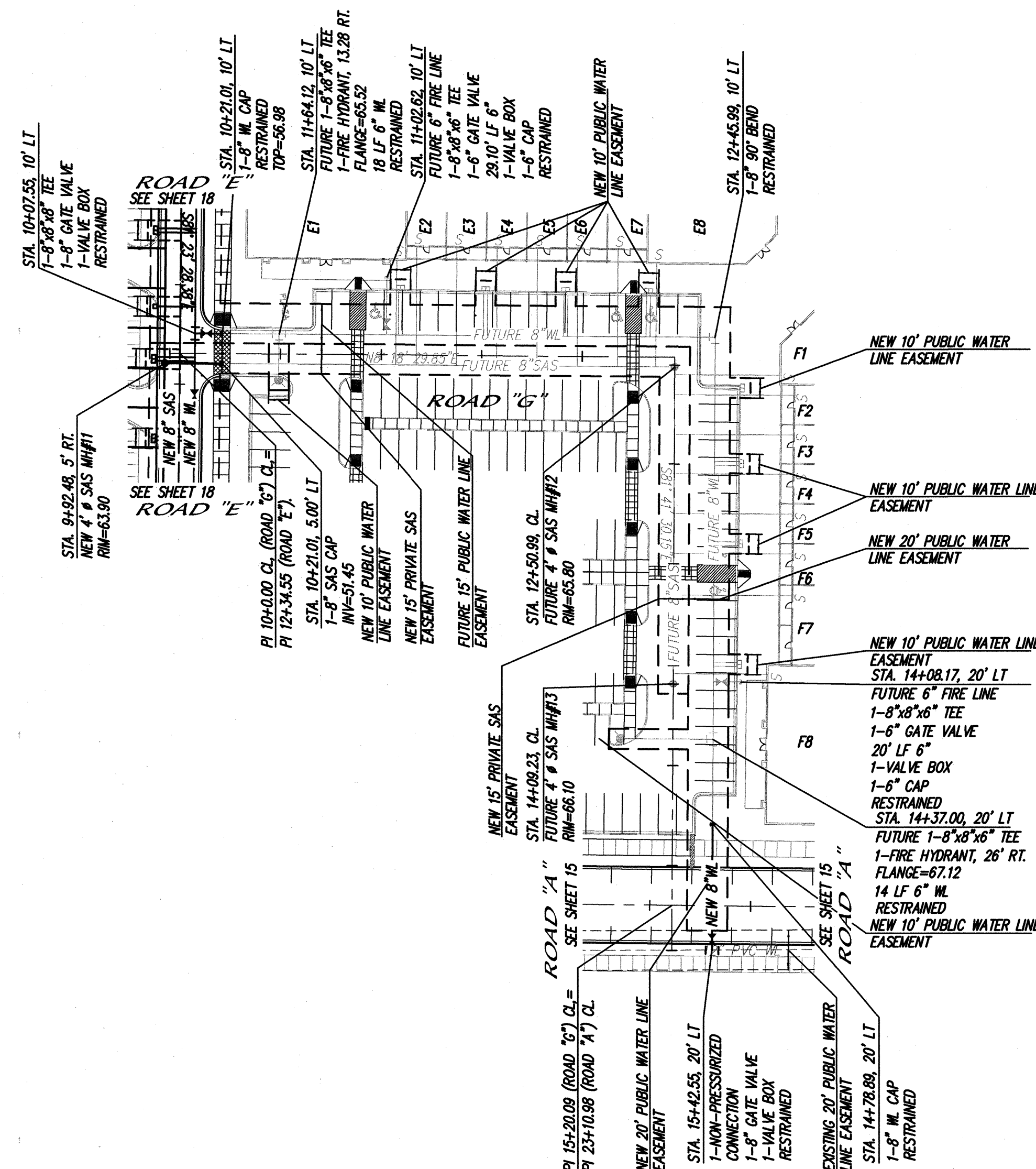
LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
12"x12"	18'	3'
12"x8"	8'	5'
8"x6"	7'	5'

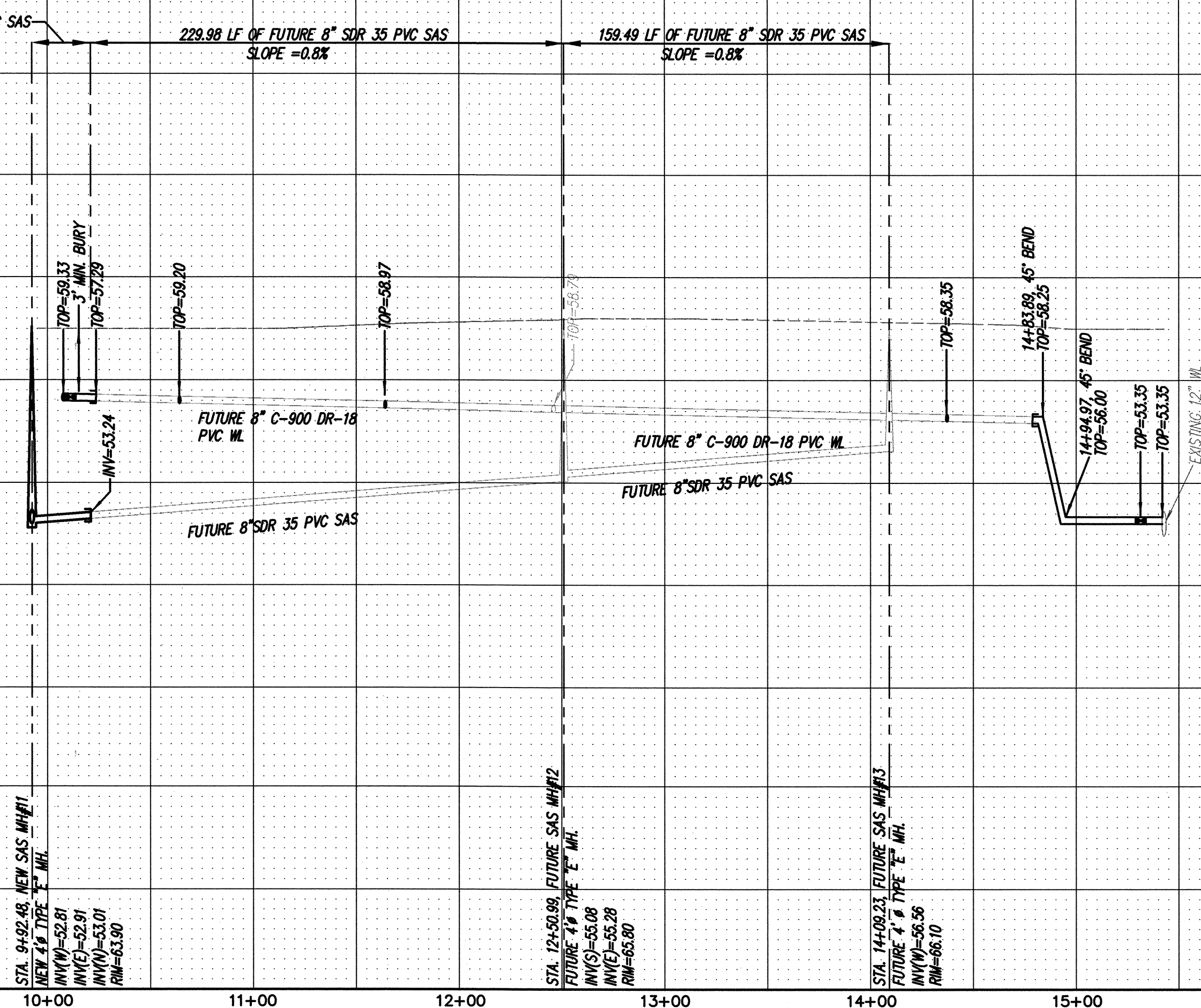


ROAD "G"
STA. 9+95.00 TO STA. 14+09.23
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'



28.43 LF OF NEW 8" SDR 35 PVC SAS
229.98 LF OF FUTURE 8" SDR 35 PVC SAS
SLOPE = 0.8%

159.49 LF OF FUTURE 8" SDR 35 PVC SAS
SLOPE = 0.8%



NGVD 29

EDA #08-01-04176

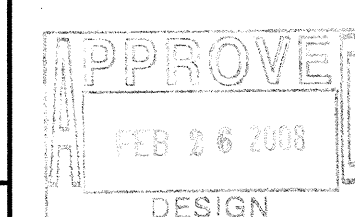
MARK GOODWIN & ASSOCIATES, P.A.
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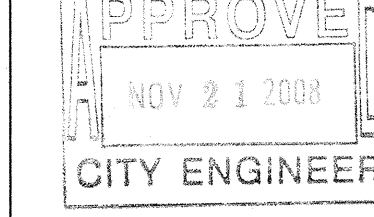
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: I.P.F.D.C. MASTER PLAN
UTILITY IMPROVEMENTS - ROAD "G"

DESIGN REVIEW COMMITTEE



CITY ENGINEER APPROVAL



LAST DESIGN UPDATE

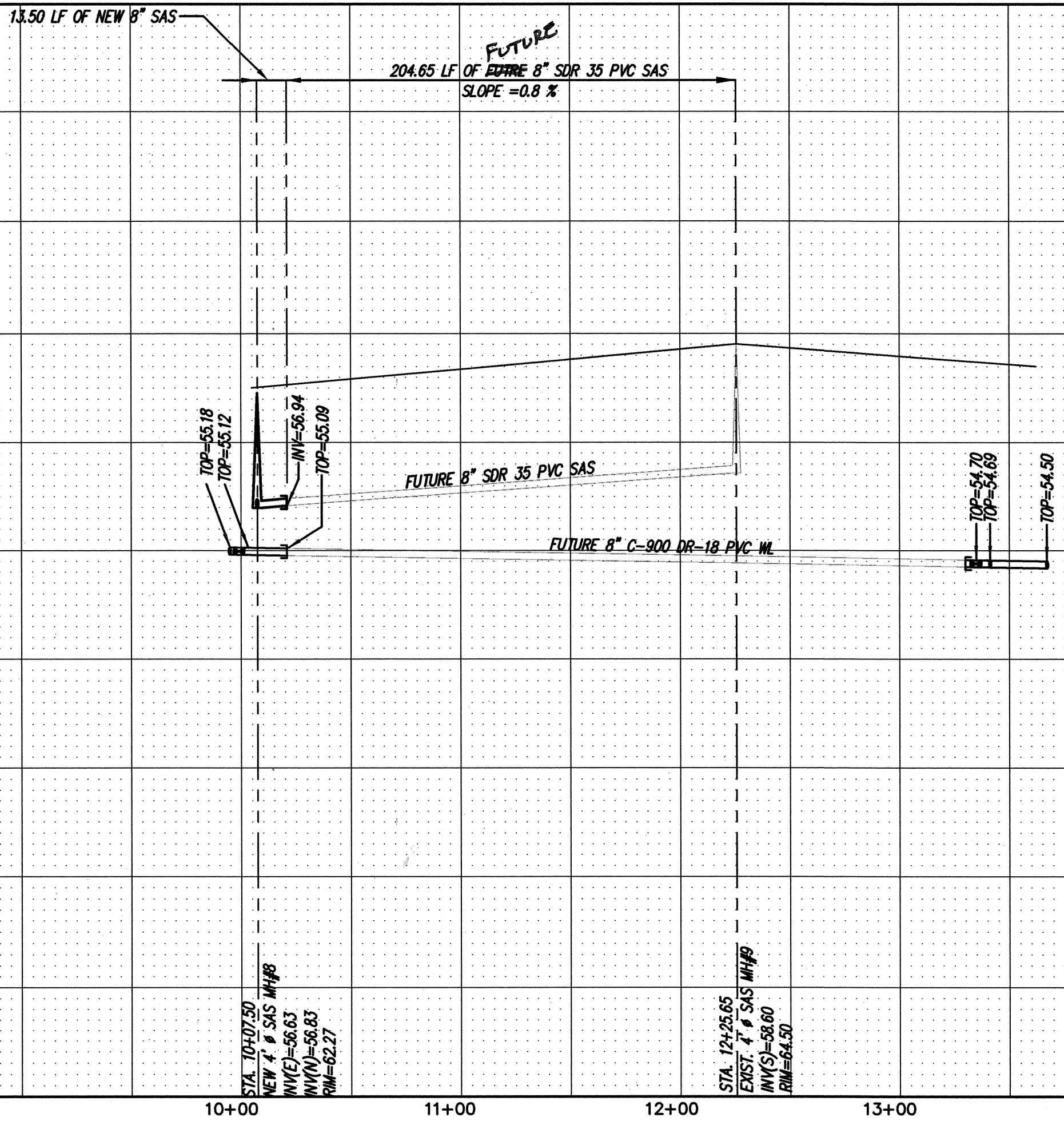
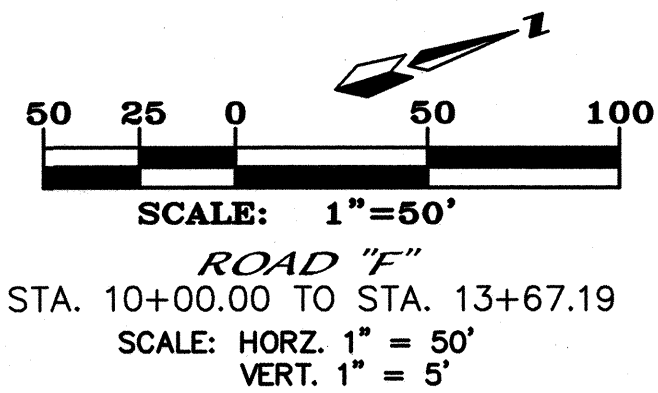
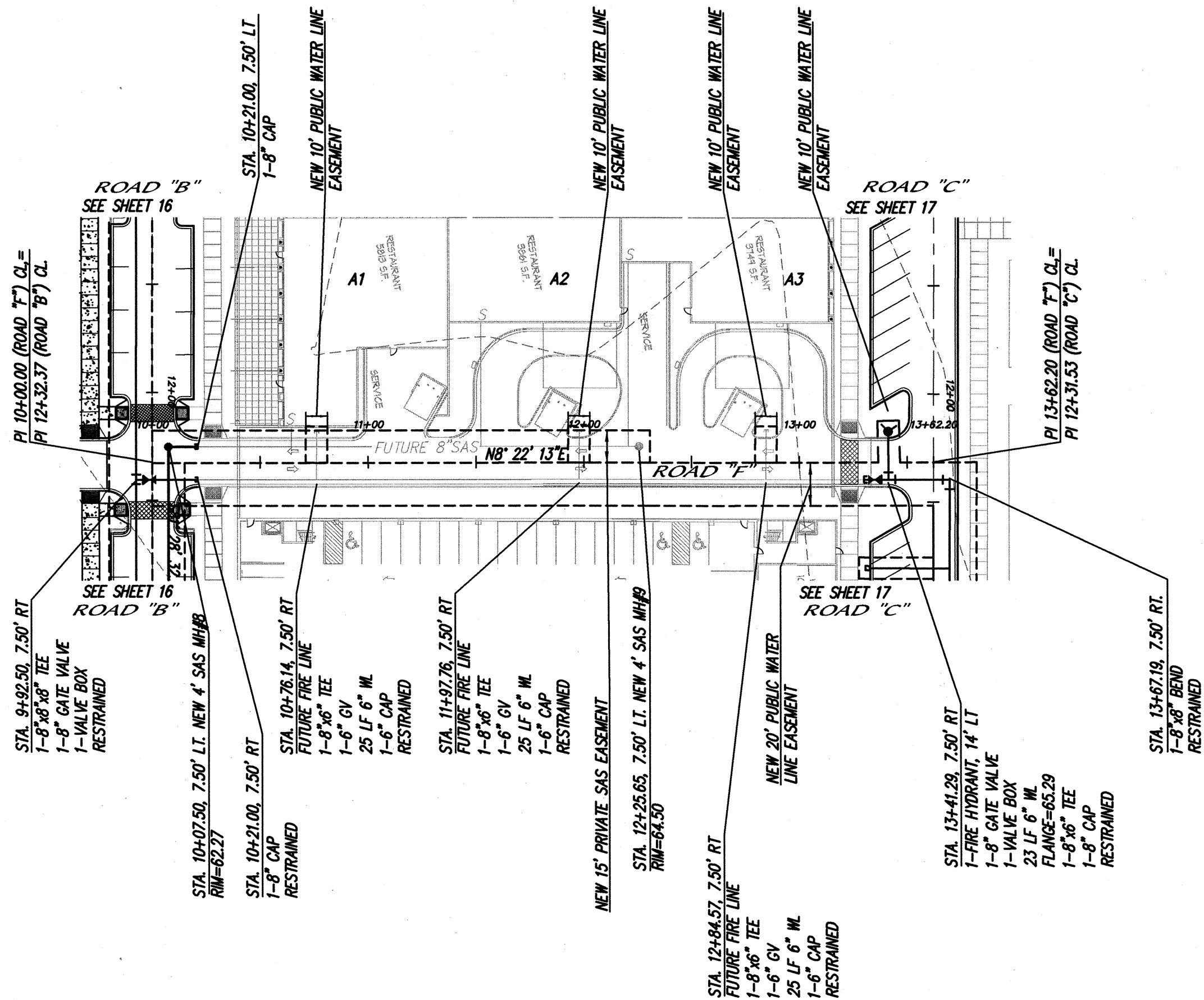
MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.

718683

ZONE MAP NO.
H-14

SHEET OF
19 20



NOTES

1. ALL STATIONING IS BASED ON CENTERLINE.
2. SANITARY SEWER LINE IS PRIVATE.
3. WATERLINE IS PUBLIC.

6" SANITARY SEWER SERVICES

BUILDING	STATION AT BLDG	INV. ELEV. BLDG	LENGTH AT BLDG
A1	10+64.43	56.83	11.06'
A2	11+52.31	56.68	59.10'
A3	12+20.65	56.56	87.13'

RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.)

PIPE SIZE	90°	45°	22.5°	11.25°	VALVE
6"	17'	7'	-	-	46'
8"	22'	9'	4'	2'	60'
12"	30'	11'	5'	3'	72'

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF THE BEND. RESTRAIN BRANCH AT FITTING ONLY MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF TEE: 10.00 FEET.

RESTRAINED JOINT LENGTH FOR TEES (FT.)

PIPE SIZE	RUN	BRANCH
12"x12"x6"	5'	1'
12"x12"x8"	8'	5'
12"x12"x12"	18'	3'
8"x8"x6"	7'	5'

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	REMARKS	CONTRACTOR	DATE
				WORKED BY	DATE
				INSPECTOR'S ACCEPTANCE BY	DATE
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	DATE
				NO.	

ENGINEER'S SEAL		REVISIONS		DESIGN	
		NO.	DATE	BY	DATE
				DESIGNED BY	DATE
				DRAWN BY	DATE
				CHECKED BY	DATE

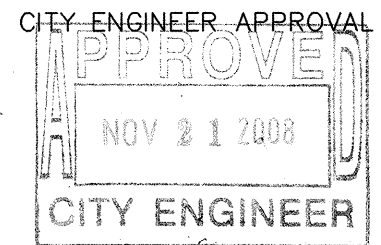
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: I.P.F.D.C. MASTER PLAN
UTILITY IMPROVEMENTS - ROAD "F"



CITY PROJECT NO.	718683	ZONE MAP NO.	H-14	SHEET	20	OF	20
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