

2 3 4 5 6 7 8 9 10 11 12 13 14 15
06-3554.83-2016PUBLIC IMPROVEMENT PLANS
FOR
SILVER GARDENS
ALBUQUERQUE, NEW MEXICO

APRIL 2009

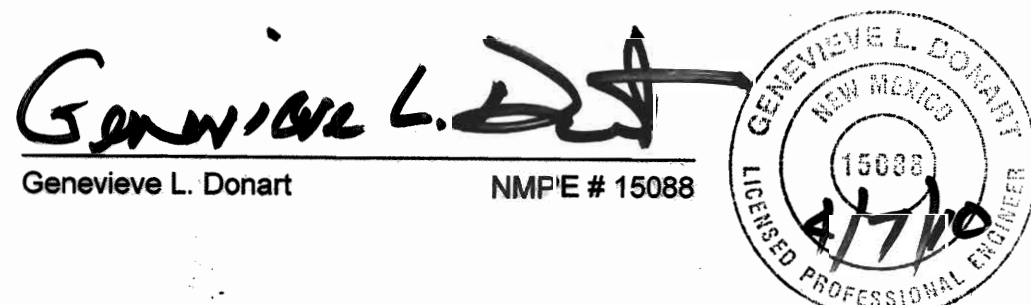
PREPARED FOR:
SILVER GARDENS I, LLC
5021 INDIAN SCHOOL RD NE, STE 300
ALBUQUERQUE, NM 87108PREPARED BY:
ISAACSON & ARFMAN, P.A.
128 MONROE ST. NE
ALBUQUERQUE, NM 87108

INDEX TO DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	SITE PLAN
3	PLAT
4	GRADING & DRAINAGE PLAN
	<u>PAVING PLAN & PROFILE SHEETS</u>
5	MASTER PAVING PLAN
6	DEMOLITION PLAN
7 & 7A	PAVING DETAILS
8	SILVER AVE PLAN & PROFILE
9	SECOND STREET & ALLEY
10	FIRST STREET PLAN & PROFILE
11	STRIPING & SIGNAGE PLAN
	<u>UTILITY PLAN SHEETS</u>
12	FIRST STREET

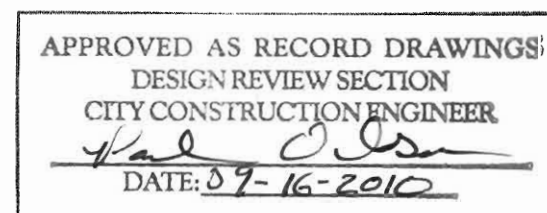
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Genevieve L. Donart of the firm of Isaacson & Arfman, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the **paving & drainage infrastructure** installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by Wil Plotner Jr. of the firm Cartesian Surveys NMPS #14271.



SURVEYOR'S CERTIFICATION

I, WILL PLOTNER JR., A DULY QUALIFIED, REGISTERED, PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND 'AS-BUILT' SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION, THAT THE 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR UNDER MY SUPERVISION, AND THAT THIS 'AS-BUILT' INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

Will Plotner Jr.
WILL PLOTNER JR., NMPS #14271

GENERAL NOTES

- 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 AMENDED WITH UPDATE NO. 7, INCLUDING AMENDMENT 1.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & 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 MINIMUM DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, NM ONE CALL SYSTEMS, INC. @ 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS AMENDED WITH UPDATE NO. 7.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- TRAFFIC CONTROL: SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPANCY AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS SHOWN IN THIS PLAN SET.
- WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
- EXISTING CURBS AND CUTTER NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE PER COA STD DWG #2415A.
- SUPPLEMENTAL SPECIFICATION: ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 95% MAXIMUM DENSITY PER ASTM D-1557.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- PROPOSED WATERLINE MATERIALS SHALL BE EITHER PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS (6"-12") OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (6"-16").
- ALL SANITARY SEWER LINE MATERIALS SHALL BE PVC SDR-35 PIPE.
- ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON THE PLANS.
- THE 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 COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS UPDATE #7.
- PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- WARNING--EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES, AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.
- ANY WORK OCCURRING WITHIN A FULLY DEVELOPED ARTERIAL ROADWAY REQUIRES 24 HR. CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY

GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.

- TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE ENGINEER.
- PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO THE TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF PREFORMED THERMO-PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
- ALL WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH ABCWUA. ALL WATER VALVES TO BE SHUT-OFF WILL BE OPERATED BY ABCWUA. CONTRACTOR SHALL NOTIFY ABCWUA AT 657-8200 TWENTY FOUR (24) HOURS PRIOR TO WATERLINE CONSTRUCTION AND SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT EXISTING PUBLIC WATER FACILITIES IN COMPLIANCE WITH SECTION 18 OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORT WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.
- THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION THREE (3) WORKING DAYS IN ADVANCE OF ANY WORK THAT REMOVES, RELOCATES, OR REINSTALLS ANY EXISTING REGULATORY SIGNS.
- RCP PIPE JOINTS SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
- IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE MEASURES TO PREVENT ABRUPT PAVEMENT CHANGES. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- RCP ELLIPTICAL PIPE SHALL HAVE GASKETED JOINTS MEETING ASTM C-443 REQUIREMENTS.
- IF HUMAN REMAINS ARE DISCOVERED, ALL WORK SHALL CEASE, AND THE OFFICE OF THE MEDICAL EXAMINER SHALL BE CONTACTED FOR FURTHER INSTRUCTIONS.



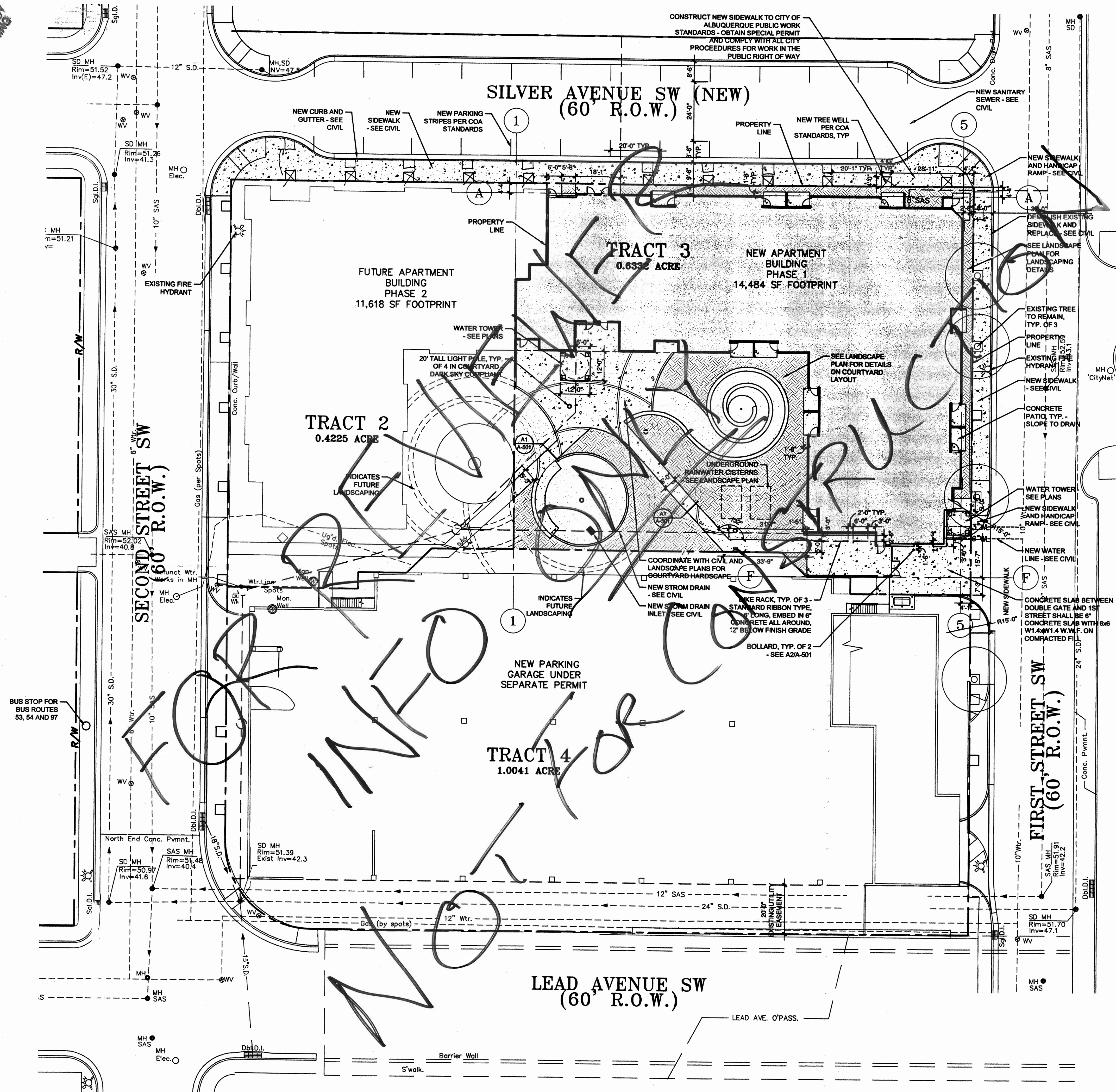
DRB NO. 1006936

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632

1691 CC-001.dwg Apr 22, 2009

REV.	SHEETS	CITY ENGINEER	DATE	DESK	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
1	7, 7A, 8, 9, 10, 11, 12	Genevieve L. Donart	2-23-09	11-04-09	Engineering	02/23/10	Curtis A. Char	Engineering	2-23-09
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		*****	
DRC Chairman		DRC Chairman		DRC Chairman		DRC Chairman		APPROVED FOR CONSTRUCTION	
Transportation		Transportation		Transportation		Transportation		APPROVED FOR CONSTRUCTION	
Water/Wastewater		Water/Wastewater		Water/Wastewater		Water/Wastewater		APPROVED FOR CONSTRUCTION	
Hydrology		Hydrology		Hydrology		Hydrology		APPROVED FOR CONSTRUCTION	
Constr. Mngmt.		Constr. Mngmt.		Constr. Mngmt.		Constr. Mngmt.		APPROVED FOR CONSTRUCTION	
Constr. Coord.		Constr. Coord.		Constr. Coord.		Constr. Coord.		APPROVED FOR CONSTRUCTION	
City Project No.		City Project No.		City Project No.		City Project No.		APPROVED FOR CONSTRUCTION	
555483		555483		555483		555483		APPROVED FOR CONSTRUCTION	
Sheet		Sheet		Sheet		Sheet		APPROVED FOR CONSTRUCTION	
1		1		1		1		APPROVED FOR CONSTRUCTION	
Of		Of		Of		Of		APPROVED FOR CONSTRUCTION	
10		10		10		10		APPROVED FOR CONSTRUCTION	

SCANNED BY
PLANNING



SITE PLAN LEGEND

- [Pattern] INDICATES EXTENT OF NEW CONCRETE PAVING AND CONCRETE SIDEWALKS
- [Pattern] INDICATES EXTENT OF 6" CONCRETE SLAB WITH 6x6 W1.4 x W1.4 W.W.F. ON COMPACTED FILL
- [Pattern] INDICATES EXTENT OF NEW LANDSCAPING - SEE LANDSCAPE PLAN
- [Pattern] INDICATES EXTENT OF NEW ASPHALT PAVING - SEE SPECIFICATIONS
- PROPERTY LINE
- EASEMENT

NOTE:
IF TREES & TREE WELLS ARE DESTROYED DURING CONSTRUCTION, REPLACE PER DOWNTOWN 2010 REQUIREMENTS.

SITE
DEVELOPMENT PLAN
APPROVAL
SU-3 DOWNTOWN URBAN CENTER
FILE NO: PA-08-139
Downtown 2010 SDP
Administrative Approval
Planning Director

RECORD DRAWINGS

CLAUDIO VIGIL ARCHITECTS

1801 Rio Grande Boulevard, N.
Albuquerque, New Mexico
Phone: (505) 842-1113
Fax: (505) 842-1330

OWNERSHIP OF INSTRUMENTS OF SERVICE
All design concepts, details, specification plans, computer files, field data, note and other documents and instrument prepared by Claudio Vigil Architects, P.C. as instruments of service shall remain the property of Claudio Vigil Architects, P.C. Claudio Vigil Architects, P.C. shall retain all common law, statutory and other reserved rights, including the copyright thereto.

CONSULTANTS

PROFESSIONAL SEAL

SILVER GARDENS

**BLOCK 29 - ALVARADO TRANSPORTATION CENTER
ALBUQUERQUE, NEW MEXICO**

MARK	DATE	DESCRIPTION
-	7.18.08	DESIGN DEVELOPMENT SET II
-	7.03.08	DESIGN DEVELOPMENT SET I

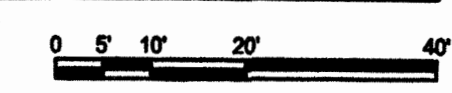
PROJECT NUMBER: 08-110
DRAWING FILE: 4CONDOCSHEETSVA-101
DRAWN BY: LH
CHECK BY:
COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2008
DATE: OCTOBER 31, 2008

SITE TITLE
SITE DEVELOPMENT PLAN FOR BUILDING PERMIT

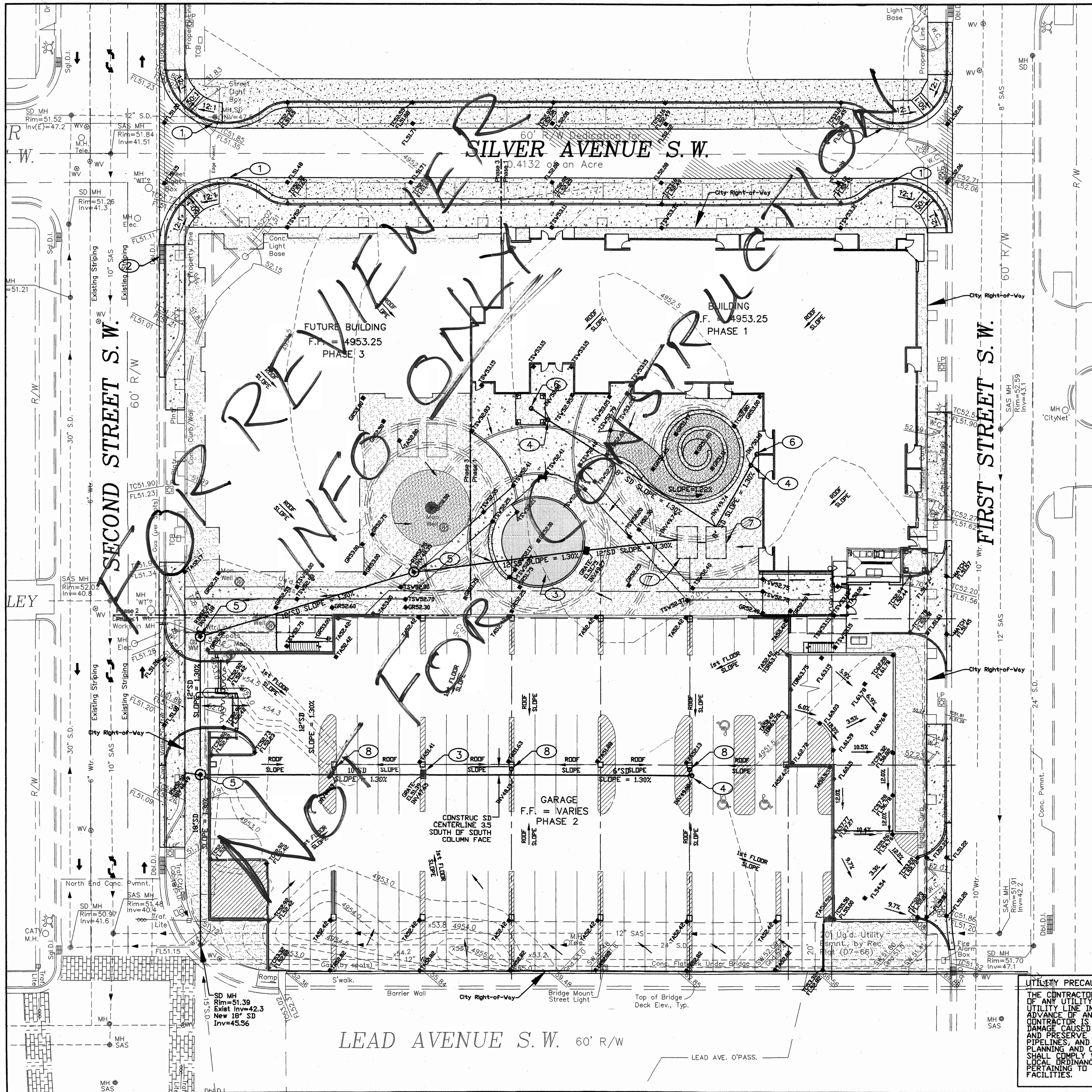
SHEET NUMBER
AS-101

A1 SCALE: 1" = 20'

SITE PLAN



SHEET 2



CONSTRUCTION NOTES:

1. INSTALL STANDARD CURB AND GUTTER PER CITY STD. DWG. 2415A.
2. REMOVE EXISTING DOUBLE "D" INLET AND REPLACE WITH DOUBLE "C" INLET PER CITY STD. DWG. 2205 PER CITY WORK ORDER.
3. INSTALL SINGLE "D" INLET PER CITY STD. DWG.
4. CONSTRUCT CLEANDOUT FOR STORM DRAIN
5. INSTALL 4' DIAMETER MANHOLE PER CITY STD. DWG.
6. CONNECT STORM DRAIN TO ROOF DOWNSPOUT DRAIN (SEE ARCHITECTURAL DWGS.).
7. UNDERGROUND CISTERNS TO BE DESIGNED AND CONSTRUCTED BY LANDSCAPE CONTRACTOR.
8. CONNECT STORM DRAIN TO ROOF DOWNSPOUT DRAIN BELOW GRADE AT GARAGE (SEE ARCHITECTURAL DWGS.).

GENERAL CONSTRUCTION NOTES

1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) OR LOCAL SPOTTING COMPANY TO DETERMINE LOCATION OF EXISTING UTILITIES.
2. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTION. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
3. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
4. CONTRACTOR SHALL PROVIDE SUBMITTALS OF ALL CONSTRUCTION MATERIALS TO BE USED FOR APPROVAL BY THE ENGINEER PRIOR TO STARTING CONSTRUCTION.
5. CONTRACTOR SHALL PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND PROVIDE ALL NECESSARY INSPECTION FOR COMPLIANCE REQUIREMENTS AND SECURE A NPDES PERMIT FROM EPA.
6. ALL STORMDRAINS AND MANHOLES OUTSIDE THE CITY RIGHT-OF-WAY ARE PRIVATE AND DO NOT REQUIRE A CITY WORK ORDER BUT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7, THE ONLY EXCEPTION IS THE MANHOLE AT THE NORTHEAST CORNER OF LEAD AVENUE AND SECOND STREET SHALL BE COMPLETED BY CITY WORK ORDER.
7. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL TO THE ENGINEER FOR THE PRIVATE STORM DRAIN PIPE THEY ARE PROPOSING TO UTILIZE FOR APPROVAL BY THE ENGINEER.

TRACT A-1, ALVARADO TRANSPORTATION CENTER
(Plot Red'd. 08/20/98 as 98C-251)

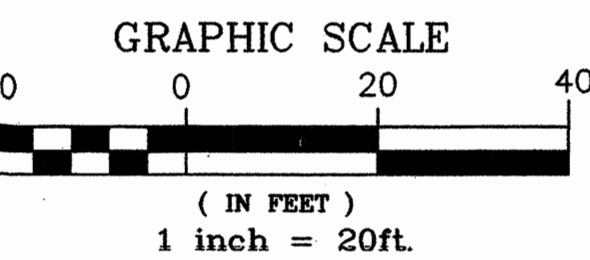
RECEIVED

NOV 11 2008

CLAUDIO VIGIL ARCHITECTS

NOTE: ALL WORK IN THE RIGHT OF WAY IS TO BE
BUILT UNDER A SEPARATE WORK ORDER.

EXHIBIT 1



UTILITY PRECAUTIONS
THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

LEGEND	
— 5360 —	NEW CONTOUR GRADE
— 5362 —	EXISTING CONTOUR GRADE
→	DRAINAGE FLOW DIRECTION
⬇ TC62.50	NEW TOP OF CURB ELEVATION
⬇ FL62.00	NEW FLOWLINE OF CURB ELEVATION
⬇ TAB0.11	NEW TOP OF ASPHALT ELEVATION
⬇ TSW61.87	NEW TOP OF SIDEWALK ELEVATION
—	DRAINAGE SHALE
FC 8324.45	EXISTING GRADE ELEVATION
⬇ OR56.0	NEW GRADE ELEVATION
⬇ FL55.3	FLOWLINE GRADE ELEVATION
⬇ TW62.50	NEW TOP OF WALL ELEVATION
⬇ FF-56.30	NEW FINISH FLOOR ELEVATION
—	NEW GRADE BREAK

APPLIED ENGINEERING AND
SURVEYING, INC.
ENGINEERS AND PLANNERS

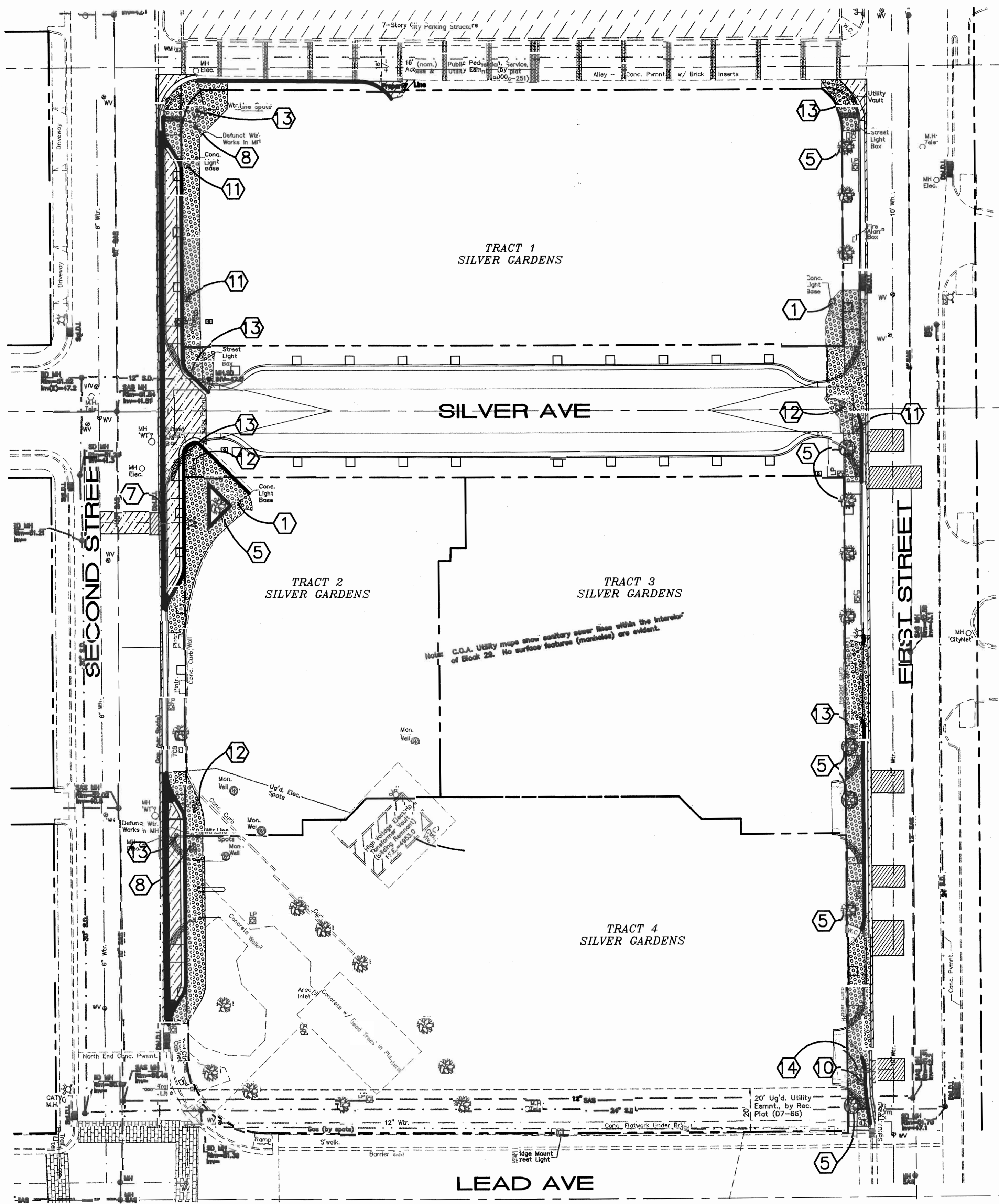
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: GRADING PLAN
SILVER GARDENS

Design Review Committee City Engineer Approval

City Project No. N/A Zone Map No. K-14 Sheet 1 Of 2

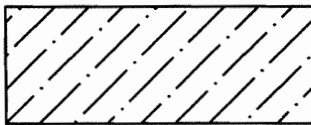
SHEET 4



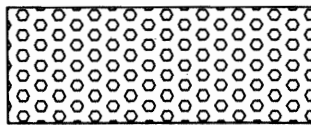
KEYED CONSTRUCTION NOTES

1. REMOVE & DISPOSE OF EXISTING ITEM.
2. PROTECT ITEM DURING CONSTRUCTION.
3. TO BE REMOVED BY SEPARATE CONTRACT.
4. NOT USED.
5. REMOVE & DISPOSE OF EXISTING TREE.
6. NOT USED.
7. REMOVE & DISPOSE OF EXISTING INLET.
8. REMOVE, CAP, & DISPOSE OF EXISTING WATER SERVICE AND METER BOX.
9. REMOVE & DISPOSE OF EXISTING TRUNCATED DOMES.
10. REMOVE & DISPOSE OF EXISTING LIGHT POLE. COORDINATE WITH PNM.
11. PNM TO RELOCATE EXISTING LIGHT POLE. COORDINATE WITH PNM.
12. PNM TO RELOCATE EXISTING PULL BOX. COORDINATE WITH PNM.
13. ADJUST TO MATCH PROPOSED GRADE.
14. REMOVE & SALVAGE EXISTING FIRE HYDRANT. CAP EXISTING 6" WATER LINE AT MAIN.

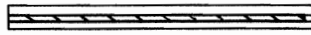
LEGEND



SAWCUT, REMOVE, & REPLACE EXST PAVING WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (MINOR ARTERIAL) AS PART OF WATER & SEWER INSTALLATION



REMOVE & DISPOSE OF EXISTING SIDEWALKS, WHEELCHAIR RAMPS, AND DRIVE PADS.



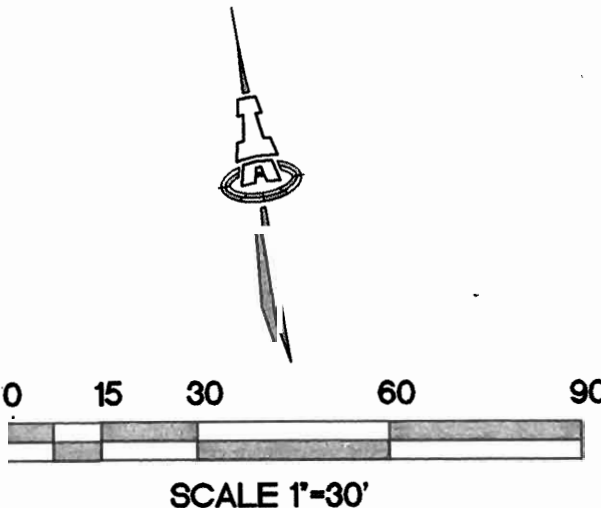
NEATLY SAWCUT, REMOVE & REPLACE 1' OF EXISTING ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).



REMOVE & DISPOSE OF EXISTING CURB & GUTTER



REMOVE & DISPOSE OF EXISTING VALLEY GUTTER

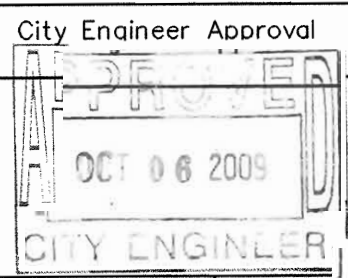




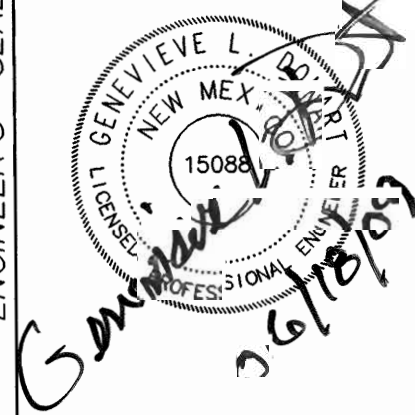
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1691 CD-101.dwg Jun 18, 2009

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

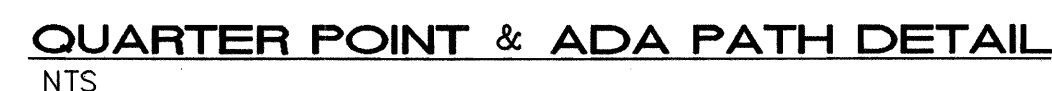
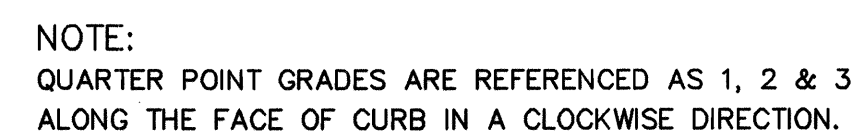
TITLE: **SILVER GARDENS
DEMOLITION PLAN**



City Project No.	555483	Zone Map No.	K-14	Sheet	6	Of	12
------------------	--------	--------------	------	-------	---	----	----

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	GERALD MARTIN	A.C.S. Sta.	18-114'	FIELD NOTES				NO.	DATE	REMARKS	BY
DATE	7/1/09	X=381330.57									
INSPECTOR	ISAACSON & ARFMAN	Y=1485990.88									
ACCEPTANCE	ISAACSON & ARFMAN	Gnd./Grid Eact.=0.99967846									
VERIFICATION	ISAACSON & ARFMAN	Della Altaba=-0'13.4"									
CONNECTION	ISAACSON & ARFMAN	NM S.P.C., Cent.Zone, NAD27									
RECORDED	BY	ELEVATION= 4960.723 NAVD 1929						DESIGNED BY	G.L.D.	DATE	11/16/07
								DRAWN BY	thor	DATE	11/16/07
								CHECKED BY	G.L.D.	DATE	11/16/07

P.C.C. SIDEWALK PER COA STD DWG
#2430 OVER 12" SUBGRADE
COMPACTED TO 95% MIN PER ASTM
D 1557.



128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1691 CP-501.dwg May 08, 2005

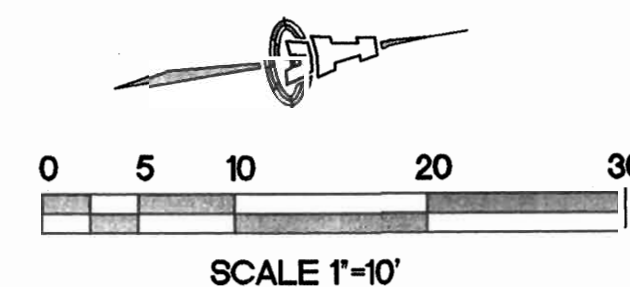
TITLE:	SILVER GARDENS PAVING DETAILS
--------	----------------------------------

City Engineer Approval
APPROVED
OCT 06 2009
CITY ENGINEER

Zone Map No.

Zone Map No.

[illegible]

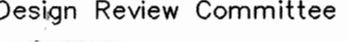
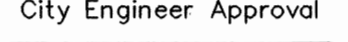


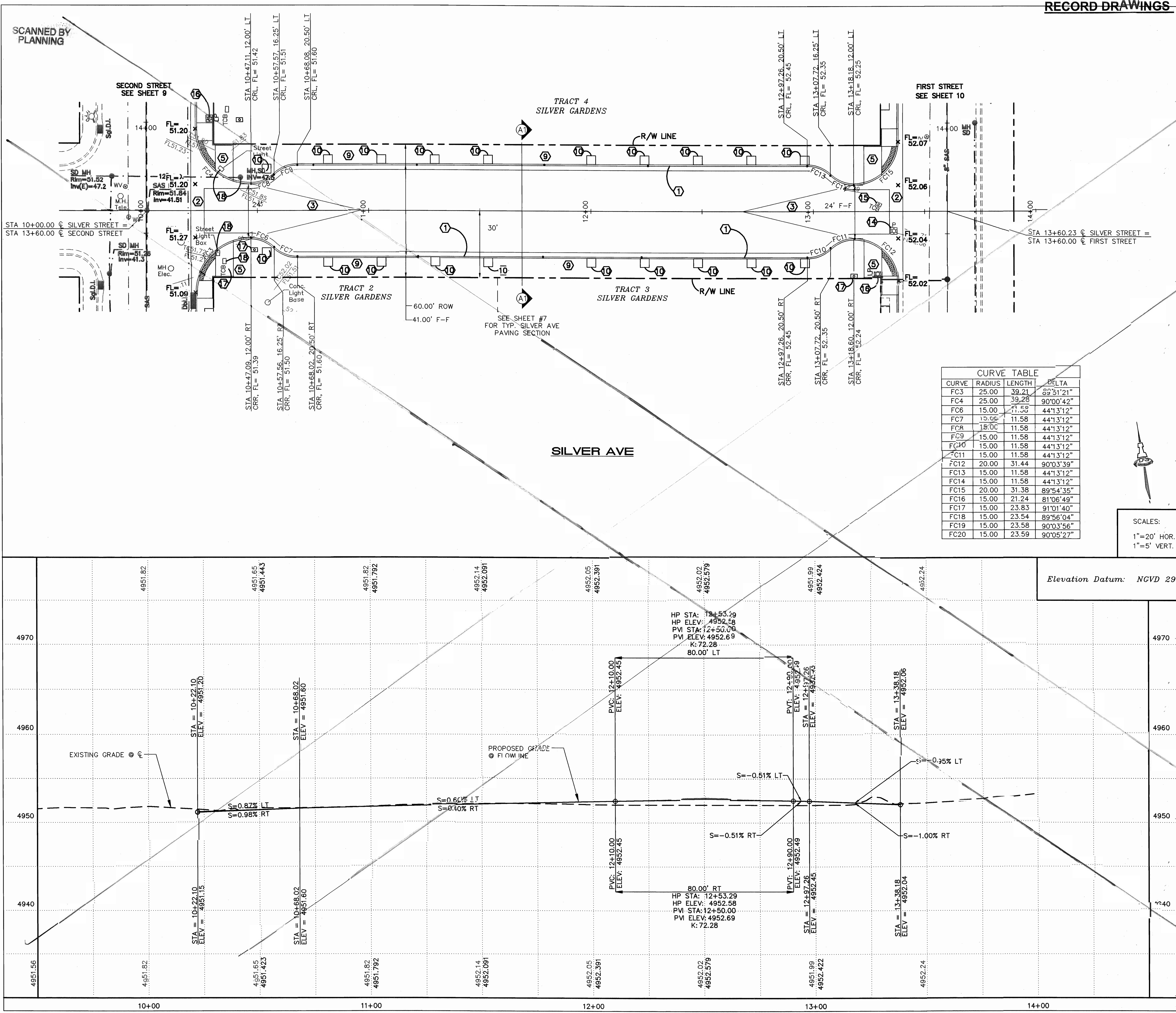
Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A
FIELD SURVEY CONDUCTED BY ME OR UNDER MY
SUPERVISION AND REFLECT THE LOCATIONS
(VERTICALLY AND HORIZONTALLY) TO THE BEST OF
MY KNOWLEDGE AND BELIEF.

1. STANDARD CURB & GUTTER PER COA STD DWG #2415A.
2. CONSTRUCT PCC VALLEY GUTTER 6" WIDE, 1 1/2" INVERT PER COA STD DWG #2420.
3. 4" PVC ROOF DRAIN AT 2% MIN SLOPE. PENETRATE CURB PER COA STD DWG #2235. THICKEN SIDEWALK AROUND DRAIN.
4. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
5. 7.4" FWD PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
6. 4'X4' PLANTERS @ 25' O.C. WITH A 4'X4' TREE GRATE. NEENAH R-8708 OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
7. 6" THICK CONCRETE DRIVEPAD
8. SAWCUT , REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
9. 6" WIDE MONOLITHIC CONCRETE HEADER CURB.
10. REFLECTIVE YELLOW PAINT.
11. 4" THICK COLORED, PATTERNED CONCRETE. (COA APPROVED RED BRICK.)
12. HANDRAIL PER ARCHITECT'S DETAIL.
13. COLORED CONCRETE. (RED WITH BROOM FINISH).
14. COLORED CONCRETE HEADER CURB. (COA APPROVED RED.)

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		ADDITIONAL DETAILS FOR FIELD CHANGES	
CONTRACTOR	STATION	DATE	FIELD NO.	FIELD NOTES	GLD	BY	REMARKS	DATE	THOR
CONTRACTOR: AS-BUILT - MAR 11/11	STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: A.C.S. Sta '18-K14'					
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: Y=1485990.88						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: Grd./Grd Fact = 0.99967846						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: Delta Alpha = -013.41"						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: NM S.P.C., Cent.Zone, NAD27						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: ELEVATION = 4960.723 NAVD 1929						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: REVISIONS						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: DESIGN						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: DESIGNED BY GLD						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: DRAWN BY THOR						
STATION: 381.330.57	DATE: 11/16/07	FIELD NO.: 1485990.88	FIELD NOTES: CHECKED BY GLD						

Ph. 505-268-8828 Fax. 505-268-2632

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
				



RECORD DRAWINGS

KEYED CONSTRUCTION NOTES

- STANDARD CURB & GUTTER PER COA STD DWG #2415A.
- CONSTRUCT PCC VALLEY GUTTER 6" WIDE, 1 1/2" INVERT PER COA STD DWG #2420.
- CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
- CONSTRUCT HANDICAP RAMP PER DETAIL B ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- CONSTRUCT HANDICAP RAMP PER DETAIL C ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- CONSTRUCT HANDICAP RAMP PER DETAIL D ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- CONSTRUCT HANDICAP RAMP PER DETAIL E ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- 7' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
- 8.9' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
- 4'X4' PLANTERS @ 25' O.C. WITH A 4'X4' TREE GRATE. NEENAH R-8708 OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 6" THICK CONCRETE DRIVEPAD
- SAWCUT, REMOVE, & REPLACE 1' OF EXISTING ASPHALT WITH 2" ADDITIONAL THICKNESS (ARTERIAL).
- REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO PINO YARDS. CAP EXISTING LINE AT MAIN.
- PNM TO RELOCATE EXISTING LIGHT POLE. COORDINATE WITH PNM.
- PNM TO RELOCATE EXISTING PULL BOX. COORDINATE WITH PNM.
- NEW LIGHT POLE LOCATION.
- NEW PULL BOX LOCATION.
- ADJUST TO MATCH GRADE.
- NOT USED.
- REMOVE & SALVAGE EXISTING FIRE HYDRANT TO PINO YARD. PLACE 6" GATE VALVE W/VALVE BOX AND NEW HYDRANT ON SAME WL 6' BEHIND CURB. FLANGE ELEV= 52.23 SEE SHEET 10 FOR UTILITY NOTES AND SHUT-OFF PLAN.
- REMOVE & DISPOSE OF EXISTING STORM INLET. SALVAGE GRATES. REPLACE WITH TYPE 'C' DOUBLE GRATE INLET PER COA STD DWGS #2205 AND #2220 INV = SAME AS EXISTING GRATE EL= 50.86.
- NOT USED.
- SAWCUT, REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
- EXISTING FIRE HYDRANT WILL BE REMOVED FROM SERVICE WHILE WORK IS BEING CONDUCTED. NOTIFY FIRE MARSHALL WHEN FIRE HYDRANT IS PLACED OUT OF SERVICE. COVER WITH BLACK PLASTIC UNTIL SERVICE IS RESTORED.

CURVE TABLE			
CURVE	RADIUS	LENGTH	DELTA
FC3	25.00	39.21	89°51'21"
FC4	25.00	39.28	90°00'42"
FC6	15.00	11.58	44°13'12"
FC7	15.00	11.58	44°13'12"
FC8	15.00	11.58	44°13'12"
FC9	15.00	11.58	44°13'12"
FC10	15.00	11.58	44°13'12"
FC11	15.00	11.58	44°13'12"
FC12	20.00	31.44	90°03'39"
FC13	15.00	11.58	44°13'12"
FC14	15.00	11.58	44°13'12"
FC15	20.00	31.38	89°54'35"
FC16	15.00	21.24	81°06'49"
FC17	15.00	23.83	91°01'40"
FC18	15.00	23.54	89°56'04"
FC19	15.00	23.58	90°03'56"
FC20	15.00	23.59	90°05'27"

SCALES:
1"=20' HOR.
1"=5' VERT.

Elevation Datum: NGVD 29

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
1 1/2 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax: 505-268-2632
1601 CP-302.000 Nov 08 2009

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
**SILVER GARDENS
SILVER AVE
PAVING PLAN & PROFILE**

APPROVED
DESIGN REVIEW COMMITTEE
CITY ENGINEER

City Project No. **555433**
Zone Map No. **K-14**
Sheet **8** Of **12**

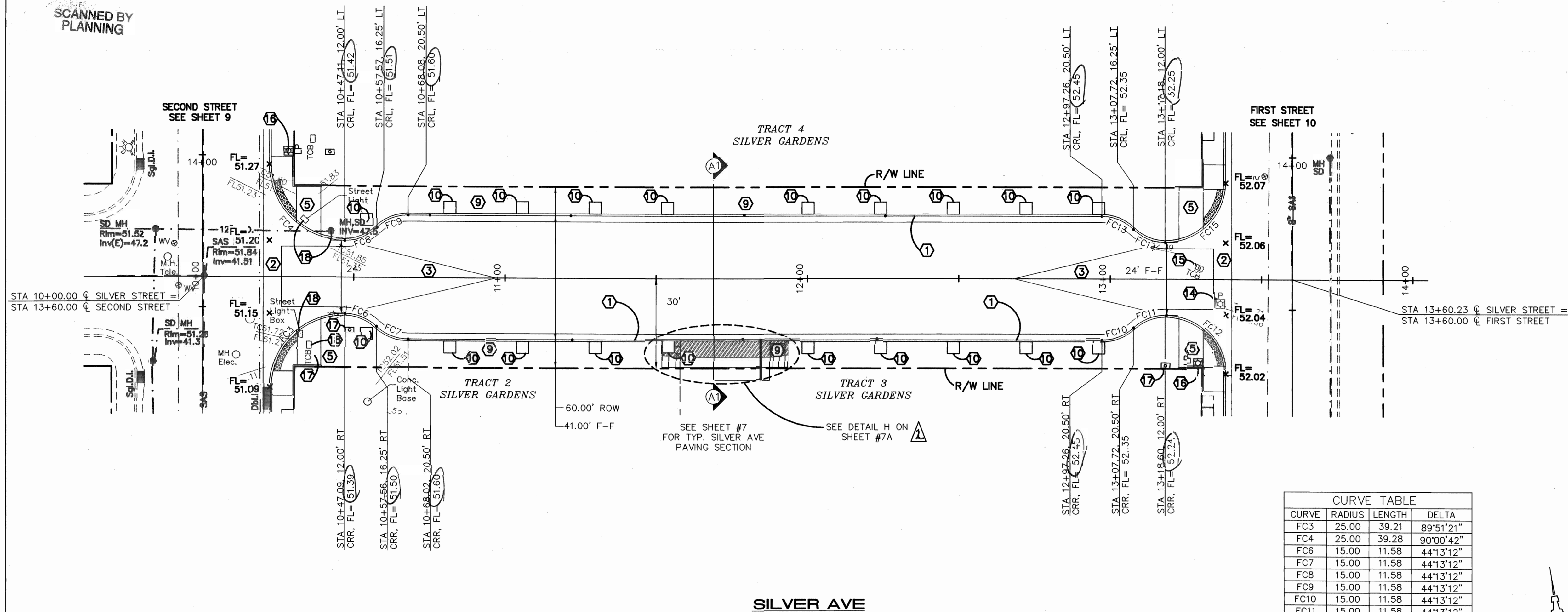
AS-BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
WORK	DATE	BY	DATE
STAMPED BY	DATE	ACCEPTANCE BY	DATE
FIELD DRAWING	DATE	BY	DATE
REVISIONS	DATE	BY	DATE
DESIGNED BY	DATE	BY	DATE
DRAWN BY	DATE	BY	DATE
CHECKED BY	DATE	BY	DATE

BENCH MARKS			
A.C.S. Sta. 18-K14	x=381330.57	y=1485990.88	
Grid/Spot Fact=0.99967846			
Delta Alpha=-0.1341"			
NM S.P.C., Cent.Zone, NAD27			
ELEVATION=4960.723 NAVD 1929			

SURVEY INFORMATION			
FIELD NOTES			
ENGINEER'S SEAL			

MICRO-FILM INFORMATION			
NO.	DATE	BY	DATE
DESIGNED BY	DATE	BY	DATE
DRAWN BY	DATE	BY	DATE
CHECKED BY	DATE	BY	DATE

SCANNED BY
PLANNING

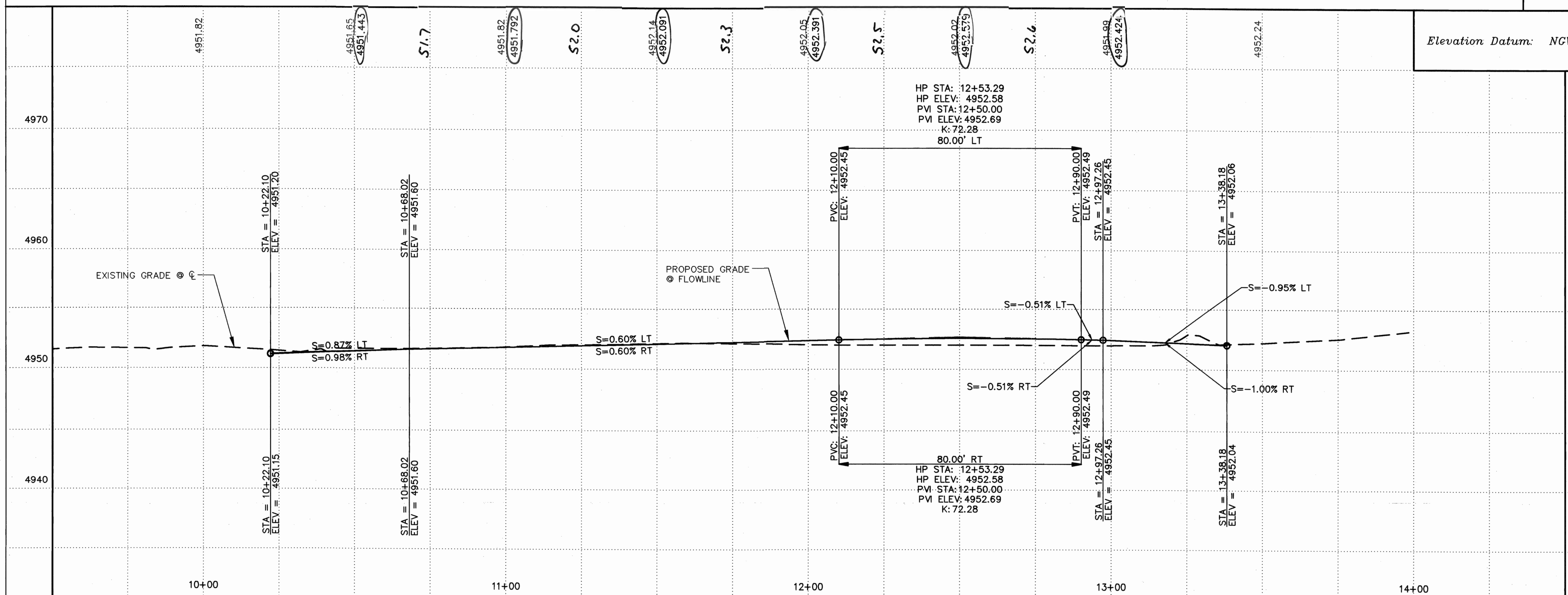


SILVER AVE

CURVE	RADIUS	LENGTH	DELTA
FC3	25.00	39.21	89°51'21"
FC4	25.00	39.28	90°00'42"
FC6	15.00	11.58	44°13'12"
FC7	15.00	11.58	44°13'12"
FC8	15.00	11.58	44°13'12"
FC9	15.00	11.58	44°13'12"
FC10	15.00	11.58	44°13'12"
FC11	15.00	11.58	44°13'12"
FC12	20.00	31.44	90°03'39"
FC13	15.00	11.58	44°13'12"
FC14	15.00	11.58	44°13'12"
FC15	20.00	31.38	89°54'35"
FC16	15.00	19.82	75°41'12"
FC17	15.00	15.10	57°41'42"
FC18	15.00	23.54	89°56'04"
FC19	15.00	16.22	61°57'50"
FC20	15.00	23.59	90°05'27"

SCALES:
1"=20' HOR.
1"=5' VERT.

Elevation Datum: NGVD 29



KEYED CONSTRUCTION NOTES

- STANDARD CURB & GUTTER PER COA STD DWG #2415A.
- CONSTRUCT PCC VALLEY GUTTER 6" WIDE, 1 1/2" INVERT PER COA STD DWG #2420.
- CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
- CONSTRUCT HANDICAP RAMP PER DETAIL B ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- CONSTRUCT HANDICAP RAMP PER DETAIL C ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- CONSTRUCT HANDICAP RAMP PER DETAIL D ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- CONSTRUCT HANDICAP RAMP PER DETAIL E ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- 7.4' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
- 8.9' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
- 4'X4' PLANTERS @ 25' O.C. WITH A 4'X4' TREE GRATE. NEENAH R-8708 OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 6" THICK CONCRETE DRIVEPAD
- SAWCUT, REMOVE, & REPLACE 1' OF EXISTING ASPHALT WITH 2" ADDITIONAL THICKNESS (ARTERIAL).
- REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO PINO YARDS. CAP EXISTING LINE AT MAIN.
- PNM TO RELOCATE EXISTING LIGHT POLE. COORDINATE WITH PNM.
- PNM TO RELOCATE EXISTING PULL BOX. COORDINATE WITH PNM.
- NEW LIGHT POLE LOCATION.
- NEW PULL BOX LOCATION.
- ADJUST TO MATCH GRADE.
- NOT USED.
- REMOVE & SALVAGE EXISTING FIRE HYDRANT TO PINO YARD. PLACE 6" GATE VALVE W/VALVE BOX AND NEW HYDRANT ON SAME WL 6' BEHIND CURB. FLANGE ELEV= 52.23. SEE SHEET 10 FOR UTILITY NOTES AND SHUT-OFF PLAN.
- REMOVE & DISPOSE OF EXISTING STORM INLET. SALVAGE GRATES. REPLACE WITH TYPE 'C' DOUBLE GRATE INLET PER COA STD DWGS #2205 AND #2220 IN" = SAME AS EXISTING GRATE EL= 50.86.
- NOT USED.
- SAWCUT, REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
- EXISTING FIRE HYDRANT WILL BE REMOVED FROM SERVICE WHILE WORK IS BEING CONDUCTED. NOTIFY FIRE MARSHALL WHEN FIRE HYDRANT IS PLACED OUT OF SERVICE. COVER WITH BLACK PLASTIC UNTIL SERVICE IS RESTORED.

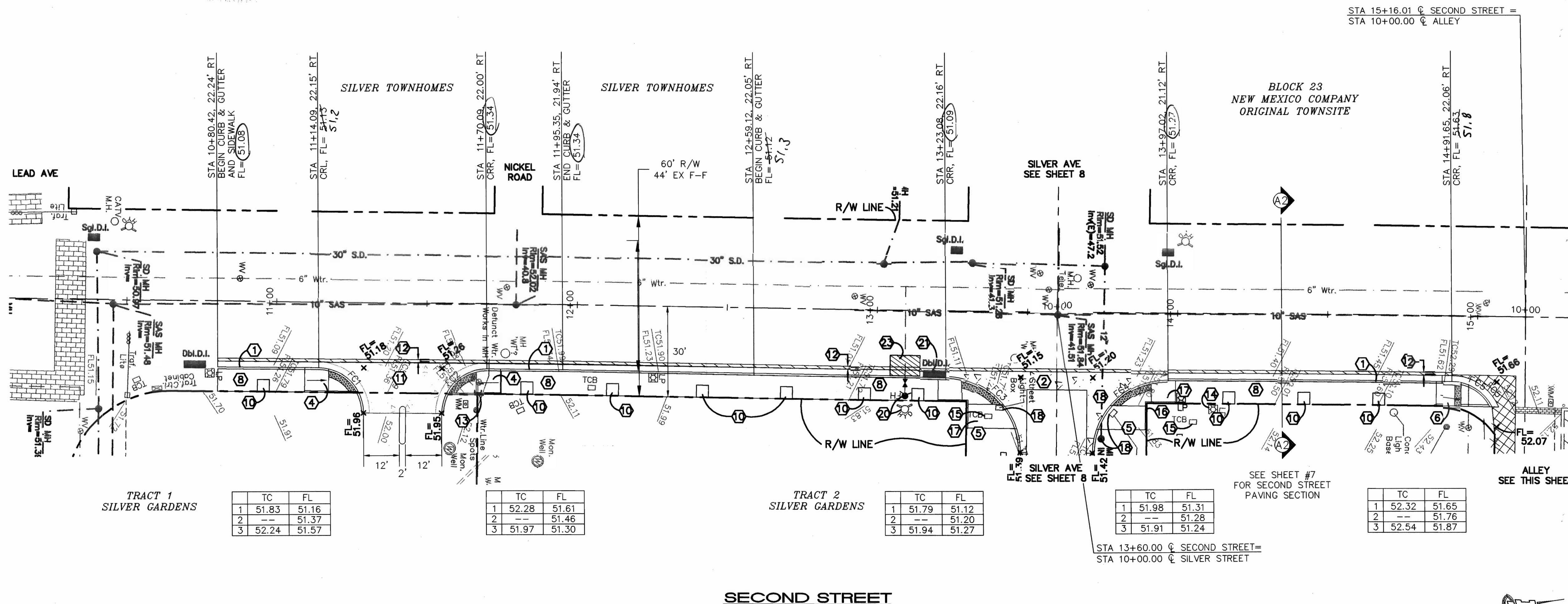
Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SILVER GARDENS SILVER AVE PAVING PLAN & PROFILE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED FEB 23 2010 DESIGN REVIEW COMMITTEE	APPROVED FEB 23 2010 CITY ENGINEER		
City Project No. 555483	Zone Map No. K-14	Sheet 8R	Of 12



- KEYED CONSTRUCTION NOTES**
- STANDARD CURB & GUTTER PER COA STD DWG #2415A.
 - CONSTRUCT PCC VALLEY GUTTER 6' WIDE, 1 1/2" INVERT PER COA STD DWG #2420.
 - CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
 - CONSTRUCT HANDICAP RAMP PER DETAIL B ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
 - CONSTRUCT HANDICAP RAMP PER DETAIL C ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
 - CONSTRUCT HANDICAP RAMP PER DETAIL D ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
 - CONSTRUCT HANDICAP RAMP PER DETAIL E ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
 - 7.4' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
 - 8.9' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
 - 4'x4' PLANTERS @ 25' O.C. WITH A 4'x4' TREE GRATE. NEENAH R-8708 OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
 - 6" THICK CONCRETE DRIVEPAD
 - SAWCUT, REMOVE, & REPLACE 1' OF EXISTING ASPHALT WITH 2" ADDITIONAL THICKNESS (ARTERIAL).
 - REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO PINO YARDS. CAP EXISTING LINE AT MAIN.
 - PNM TO RELOCATE EXISTING LIGHT POLE. COORDINATE WITH PNM.
 - PNM TO RELOCATE EXISTING PULL BOX. COORDINATE WITH PNM.
 - NEW LIGHT POLE LOCATION.
 - NEW PULL BOX LOCATION.
 - ADJUST TO MATCH GRADE.
 - NOT USED.
 - REMOVE & SALVAGE EXISTING FIRE HYDRANT TO PINO YARD. PLACE 6" GATE VALVE W/VALVE BOX AND NEW HYDRANT ON SAME WL 6' BEHIND CURB. FLANGE ELEV= 52.23 SEE SHEET 10 FOR UTILITY NOTES AND SHUT-OFF PLAN.
 - REMOVE & DISPOSE OF EXISTING STORM INLET. SALVAGE GRATES. REPLACE WITH TYPE 'C' DOUBLE GRATE INLET PER COA STD DWGS #2205 AND #2220 INV = SAME AS EXISTING GRATE EL= 50.86.
 - NEW CONCRETE PAVING PER DETAIL ON SHEET 7.
 - SAWCUT, REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
 - EXISTING FIRE HYDRANT WILL BE REMOVED FROM SERVICE WHILE WORK IS BEING CONDUCTED. NOTIFY FIRE MARSHAL WHEN FIRE HYDRANT IS PLACED OUT OF SERVICE. COVER WITH BLACK PLASTIC UNTIL SERVICE IS RESTORED.

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Wm. P. [Signature]

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1691 CP-301.dwg Jun 05, 2009

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
**SILVER GARDENS
SECOND STREET & ALLEY
PAVING PLAN**

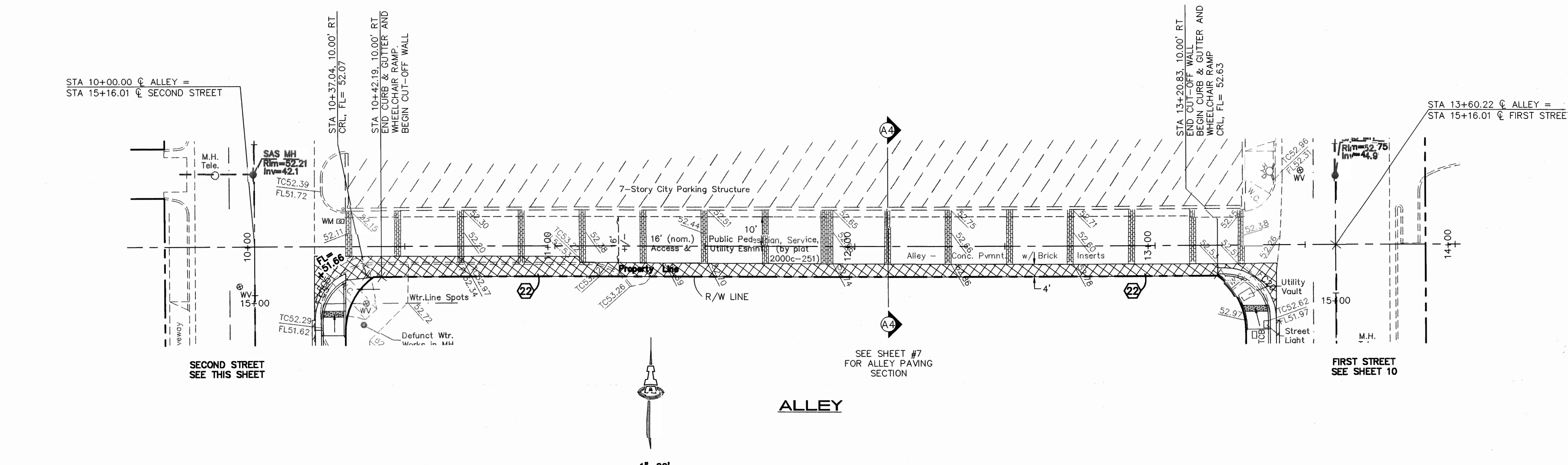
DESIGN REVIEW COMMITTEE
APPROVED
SEP 28 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
OCT 06 2009
CITY ENGINEER

Mo./Day/Yr. Mo./Day/Yr.

City Project No. **555483** Zone Map No. **K-14** Sheet **9** Of **12**

CURVE	RADIUS	LENGTH	DELTA
FC1	15.00	23.60	90°07'39"
FC2	15.00	23.53	89°52'21"
FC3	25.00	39.21	89°51'21"
FC4	25.00	39.28	90°00'42"
FC5	15.00	23.56	89°59'18"
FC20	15.00	23.59	90°05'27"



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
**SILVER GARDENS
SECOND STREET & ALLEY
PAVING PLAN**

DESIGN REVIEW COMMITTEE
APPROVED
SEP 28 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
OCT 06 2009
CITY ENGINEER

Mo./Day/Yr. Mo./Day/Yr.

City Project No. **555483** Zone Map No. **K-14** Sheet **9** Of **12**

RECORD DRAWINGS

	TC	FL
1	52.37	51.70
2	--	51.44
3	51.85	51.18

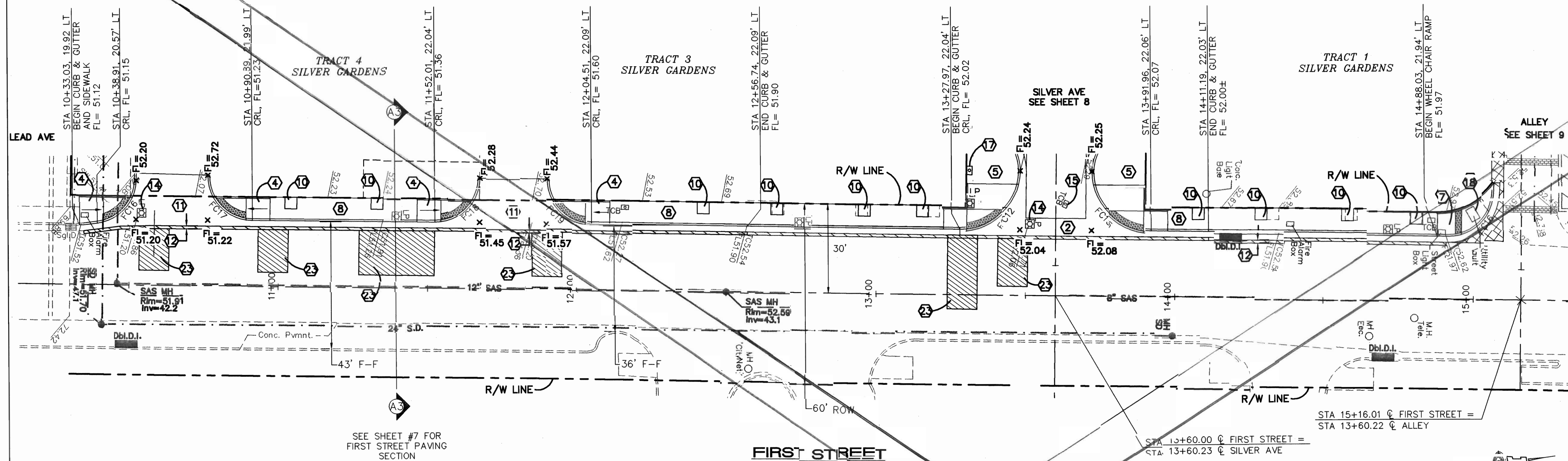
	TC	FL
1	51.90	51.23
2	--	51.60
3	52.64	51.97

	TC	FL
1	52.53	51.87
2	--	51.64
3	52.08	51.41

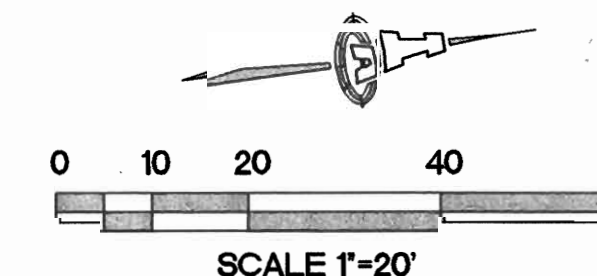
	TC	FL
1	52.26	51.59
2	--	51.80
3	52.68	52.01

	TC	FL
1	51.81	52.14
2	--	52.09
3	52.70	52.03

	TC	FL
1	52.74	52.07
2	--	52.11
3	52.83	52.16



FIRST STREET



CURVE	RADIUS	LENGTH	DELTA
FC12	20.00	31.44	90°03'39"
FC15	20.00	31.38	89°54'35"
FC16	15.00	21.24	81°06'49"
FC17	15.00	23.83	91°01'40"
FC18	15.00	23.54	89°56'04"
FC19	15.00	23.58	90°03'56"
FC20	15.00	23.59	90°05'27"

KEYED CONSTRUCTION NOTES

1. STANDARD CURB & GUTTER PER COA STD DWG #2415A.
2. CONSTRUCT PCC VALLEY GUTTER 6' WIDE, 1 1/2" INVERT PER COA STD DWG #2420.
3. CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
4. CONSTRUCT HANDICAP RAMP PER DETAIL D ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
5. CONSTRUCT HANDICAP RAMP PER DETAIL C ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
6. CONSTRUCT HANDICAP RAMP PER DETAIL D ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
7. CONSTRUCT HANDICAP RAMP PER DETAIL E ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
8. 7.4' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
9. 8.9' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
10. 4'x4' PLANTERS @ 25' O.C. WITH A 4'x4' TREE GRAPE. NEENAH R-8708 OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
11. 6" THICK CONCRETE DRIVEPAD
12. SAWCUT, REMOVE, & REPLACE 1' OF EXISTING ASPHALT WITH 2" ADDITIONAL THICKNESS (ARTERIAL).
13. REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO PINO YARDS. CAP EXISTING LINE AT MAIN.
14. PNM TO RELOCATE EXISTING LIGHT POLE. COORDINATE WITH PNM.
15. PNM TO RELOCATE EXISTING PULL BOX. COORDINATE WITH PNM.
16. NEW LIGHT POLE LOCATION.
17. NEW PULL BOX LOCATION.
18. ADJUST TO MATCH GRADE.
19. NOT USED.
20. REMOVE & SALVAGE EXISTING FIRE HYDRANT TO PINO YARD. PLACE 6" GATE VALVE W/ VALVE BOX AND NEW HYDRANT ON SAME WL 6' BEHIND CURB. FLANGE ELEV= 52.23 SEE SHEET 10 FOR UTILITY NOTES AND SHUT-OFF PLAN.
21. REMOVE & DISPOSE OF EXISTING STORM INLET. SALVAGE GRATES. REPLACE WITH TYPE 'C' DOUBLE GRATE INLET PER COA STD DWGS #2205 AND #2202. INV = SAME AS EXISTING GRATE EL= 50.86.
22. NOT USED.
23. SAWCUT, REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
24. EXISTING FIRE HYDRANT WILL BE REMOVED FROM SERVICE WHILE WORK IS BEING CONDUCTED. NOTIFY FIRE MARSHALL WHEN FIRE HYDRANT IS PLACED OUT OF SERVICE. COVER WITH BLACK PLASTIC UNTIL SERVICE IS RESTORED.

[illegible]

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates

128 Monroe Street N.E.
Albuquerque, New Mexico 87108
505-268-8828 Fax. 505-268-2632

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

**SILVER GARDENS
FIRST STREET
PAVING PLAN**

TITLE

Design Review Committee
APPROVED
SEP 22 2003
DEL
DESIGN
REVIEW COMMITTEE

City Engineer Approval
APPROVED
JUL 08 2009
CITY ENGINEER

City Project No.

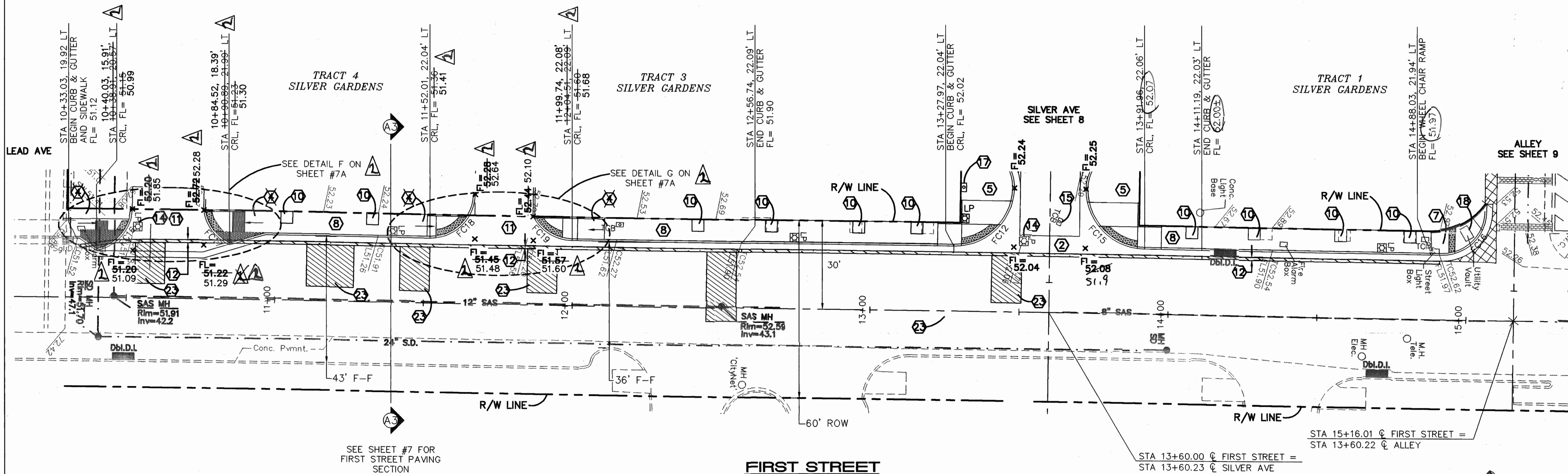
Zone Map M

555483

Zone Map M

Sheet 10 of 12

	TC	FL
1	52.74	52.07
2	--	52.11
3	52.83	52.16

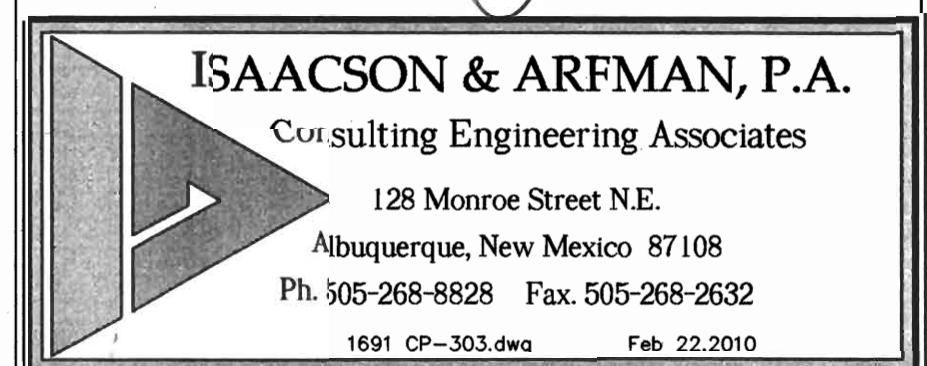


CURVE	RADIUS	LENGTH	DELTA
FC12	20.00	31.44	90°03'39"
FC15	20.00	31.38	89°54'35"
FC16	15.00	19.82	75°41'12"
FC17	15.00	15.10	57°41'42"
FC18	15.00	23.54	89°56'04"
FC19	15.00	16.22	61°57'50"
FC20	15.00	23.59	90°05'27"

KEYED CONSTRUCTION NOTES

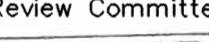
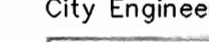
1. STANDARD CURB & GUTTER PER COA STD DWG #2415A.
2. CONSTRUCT PCC VALLEY CUTTER 6' WIDE; 1 1/2" INVERT PER COA STD DWG #2420.
3. CROWN TO NO CROWN TRANSITION 50' MIN. LENGTH.
4. CONSTRUCT HANDICAP RAMP PER DETAIL B ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
5. CONSTRUCT HANDICAP RAMP PER DETAIL C ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
6. CONSTRUCT HANDICAP RAMP PER DETAIL D ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
7. CONSTRUCT HANDICAP RAMP PER DETAIL E ON SHEET 7. INSTALL TRUNCATED DOMES PER ADA GUIDELINES. SUBMIT SPECS TO CITY CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
8. 7.4' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
9. 8.9' WIDE PCC CONCRETE SIDEWALK PER COA STD DWG #2430.
10. 4'x4' PLANTERS @ 25' O.C. WITH A 4'x4' TREE GRATE. NEENAH R-8708 OR ENGINEER APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
11. 6" THICK CONCRETE DRIVEPAD
12. SAWCUT, REMOVE, & REPLACE 1' OF EXISTING ASPHALT WITH 2" ADDITIONAL THICKNESS (ARTERIAL).
13. REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO PINO YARDS. CAP EXISTING LINE AT MAIN.
14. PNM TO RELOCATE EXISTING LIGHT POLE. COORDINATE WITH PNM.
15. PNM TO RELOCATE EXISTING PULL BOX. COORDINATE WITH PNM.
16. NEW LIGHT POLE LOCATION.
17. NEW PULL BOX LOCATION.
18. ADJUST TO MATCH GRADE.
19. NOT USED.
20. REMOVE & SALVAGE EXISTING FIRE HYDRANT TO PINO YARD. PLACE 6" GATE VALVE W/VALVE BOX AND NEW HYDRANT ON SAME WL 6' BEHIND CURB. FLANGE ELEV= 52.23 SEE SHEET 10 FOR UTILITY NOTES AND SHUT-OFF PLAN.
21. REMOVE & DISPOSE OF EXISTING STORM INLET. SALVAGE GRATES. REPLACE WITH TYPE 'C' DOUBLE GRATE INLET PER COA STD DWGS #2205 AND #2220 INV = SAME AS EXISTING GRATE EL= 50.86.
22. NOT USED.
23. SAWCUT, REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
24. EXISTING FIRE HYDRANT WILL BE REMOVED FROM SERVICE WHILE WORK IS BEING CONDUCTED. NOTIFY FIRE MARSHALL WHEN FIRE HYDRANT IS PLACED OUT OF SERVICE. COVER WITH BLACK PLASTIC UNTIL SERVICE IS RESTORED.

Certification
THE CHANGES SHOWN HEREON ARE BASED UPON A
FIELD SURVEY CONDUCTED BY ME OR UNDER MY
SUPERVISION AND REFLECT THE LOCATIONS
(VERTICALLY AND HORIZONTALLY) TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

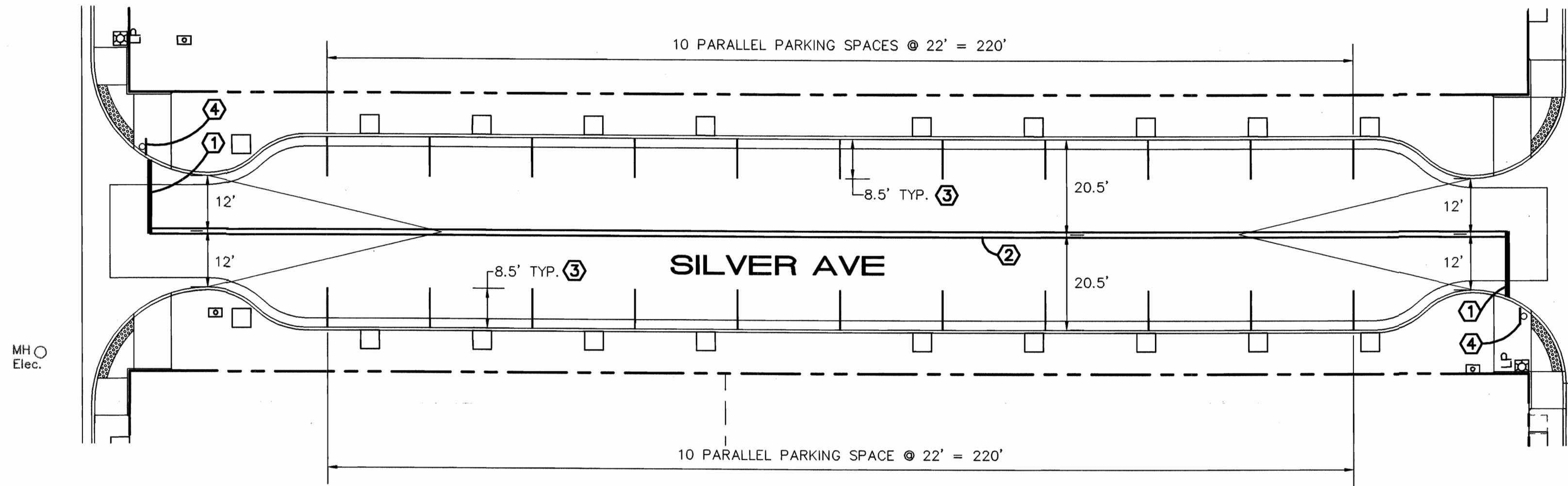
TITLE: SILVER GARDENS
FIRST STREET
PAVING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
 DESIGN REVIEW COMMITTEE	 CITY ENGINEER			

City Project No.	555483	Zone Map No.	K-14	Sheet	10R	Of	12
------------------	--------	--------------	------	-------	-----	----	----



2ND STREET



1ST STREET

- KEYED NOTES**
- 12" STOP BAR, WHITE THERMOPLASTIC
 - 4" SOLID DOUBLE CENTER STRIPE, YELLOW THERMOPLASTIC
 - 8.5 LF 4" SOLID PARKING STRIPE, WHITE THERMOPLASTIC
 - STOP SIGN, 36"x36" R1-1

RECORD DRAWINGS

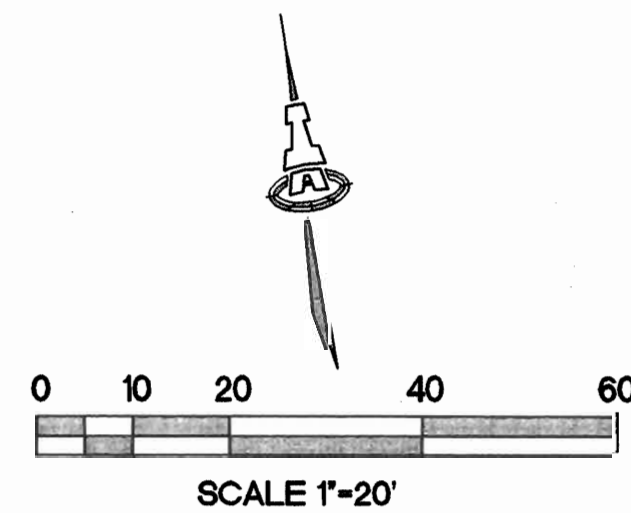
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	GERARD MARTIN	A.C.S. Sta. '18-K14'		FIELD NOTES		ENGINEER'S SEAL		NO.	DATE	BY	DATE
INSPECTOR'S	Carleton Survey Inc.	X=381330.57									
DATE	11/16/07	Y=148590.88									
FIELD	Carleton Survey Inc.	Grid/Zone East=0.99967846									
DATE	11/16/07	Delta Alpha=-013.41"									
REVISION	Carleton Survey Inc.	NM S.P.C., Cent. Zone, NAD27									
DATE	11/16/07	ELEVATION= 4960.723 NAVD 1929									
CHECKED	Carleton Survey Inc.										
DATE	11/16/07										
RECORDED	Carleton Survey Inc.										
DATE	11/16/07										

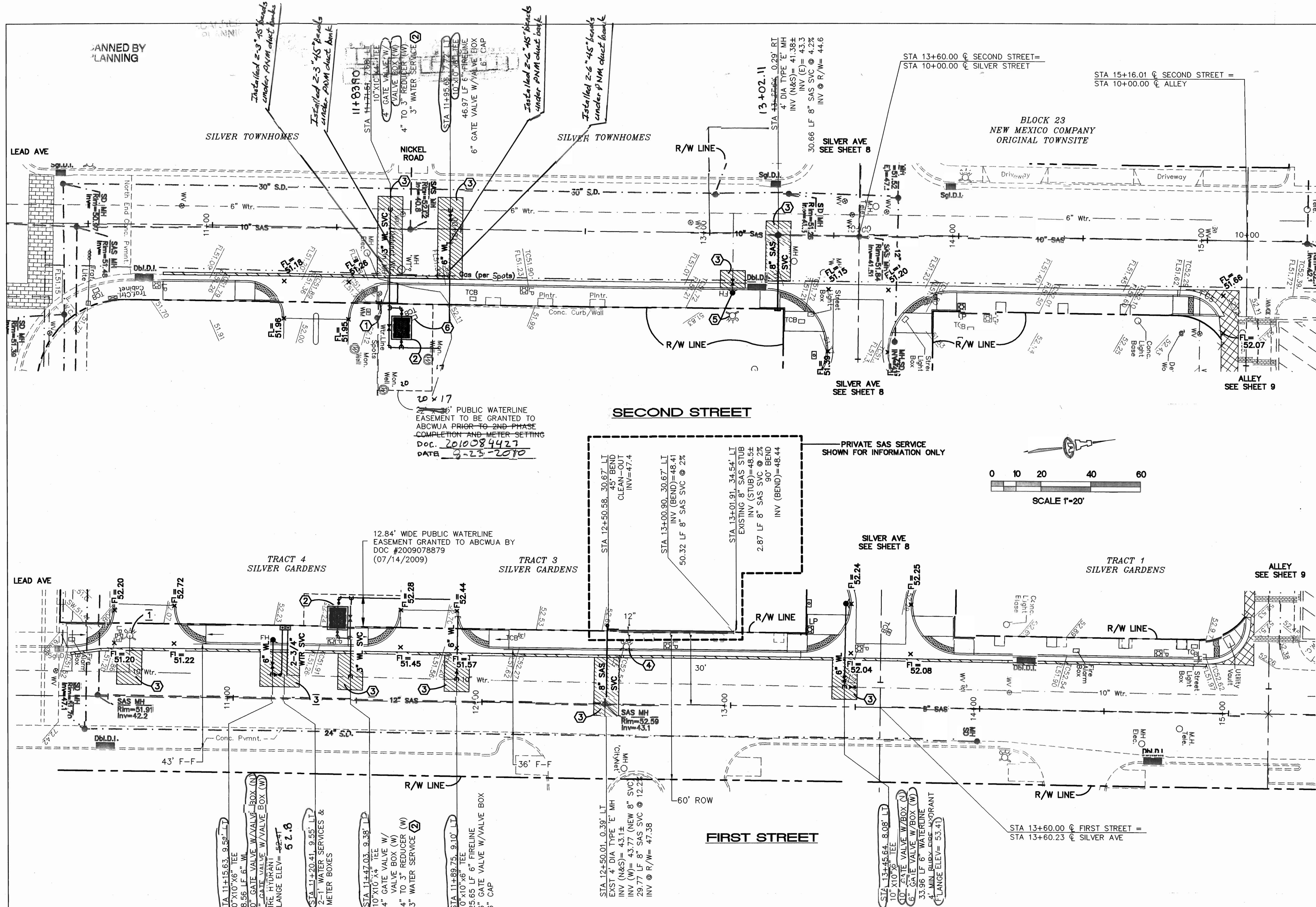
ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1691 CP-201.dwg May 08,2009

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SILVER GARDENS STRIPING PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED SEP 28 2009 DESIGN REVIEW COMMITTEE	APPROVED OCT 06 2009 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
555483	K-14	11	12





KEYED CONSTRUCTION NOTES

- REMOVE AND SALVAGE TO PINO YARD EXISTING FIRE HYDRANT: CAP EXISTING LINE AT MAIN.
- INSTALL 3" DOMESTIC WATER SERVICE AND LARGE DIAMETER METER VAULT PER COA STD DWG #2370.
- SAWCUT, REMOVE & REPLACE ASPHALT WITH 2" ADDITIONAL THICKNESS PER COA STD DWG #2465 (PRINCIPAL ARTERIAL).
- EXISTING FIRE HYDRANT WILL BE REMOVED FROM SERVICE WHILE WORK IS BEING CONDUCTED. NOTIFY FIRE MARSHALL WHEN FIRE HYDRANT IS PLACED OUT OF SERVICE. COVER WITH BLACK PLASTIC UNTIL SERVICE IS RESTORED.
- REMOVE & SALVAGE EXISTING FIRE HYDRANT TO PINO YARD. PLACE 6" GATE VALVE W/VALVE BOX AND NEW HYDRANT ON SAME WL 18" BEHIND CURB. FLANGE ELEV= 52.23. SEE SHEET 10 FOR UTILITY NOTES AND SHUT-OFF PLAN.
- EXISTING TCB TO BE REMOVED. CONTRACTOR TO COORDINATE WITH CITY TRAFFIC OPERATIONS.

UTILITY GENERAL NOTES

- SEE THIS SHEET FOR WATER SHUT-OFF PLAN.
- SEE THIS SHEET FOR RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS.
- CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER COA STD DWG #2340.
- SEE COA STD DWG #2328 FOR VALVE RING & COVER DETAIL. SEE COA STD DWG #2326 FOR VALVE BOX DETAIL.
- INSTALL GATE VALVES ON EXISTING WATERLINE PER COA STD DWG #2333.
- SEE COA STD DWGS #2361, #2362, #2363, & #2369 FOR 1" WATER SERVICE & METER BOX DETAILS.

Certification

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will Palmer

WATER SHUT-OFF PLAN

SHUT-OFF VALVES [452] & [504] TO PROVIDE NON-PRESSURE CONNECTION FOR FIRST STREET. SHUT OFF VALVES [241] & [242] FOR SECOND STREET FIRE HYDRANT. THE CONTRACTOR SHALL CONTACT ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (857-8200) 7 WORKING DAYS PRIOR TO SHUT-OFF OR TURN-ON AT VALVES. ONLY ABCWJA PERSONNEL ARE ALLOWED TO OPERATE VALVES.

RESTRAINED JOINT LENGTHS, L_T, FOR TEES, (FT.)
ALL JOINTS AT THE TEE MUST BE RESTRAINED.

SIZE	RUN	BRANCH
12x12x12	15	17
12x12x10	10	18
12x12x8	6	19
12x12x6	3	19
12x12x4	1	19
10x10x10	12	18
10x10x8	8	15
10x10x6	4	16
10x10x4	2	4
8x8x8	9	20
8x8x6	5	17
8x8x4	2	15
6x6x6	6	20
6x6x4	2	

THIS TABLE IS BASED UPON THE FOLLOWING CRITERIA:

DEPTH OF BURY: 3.0 FT. MINIMUM
FACTOR OF SAFETY: 1.25
MATERIAL: PVC PIPE
SOIL TYPE: SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.
TEST PRESSURE: 150 PSI
TRENCH TYPE 4: PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL COMPACTED TO TOP OF PIPE.

DIFFERENT CRITERIA, E.G., DUCTILE IRON PIPE, GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY THE ABCWJA.

RESTRAINED JOINT LENGTHS FOR WATERLINE FITTINGS

FOR REDUCERS, (FT.)		
SIZE	LARGE SIDE	SMALL SIDE
12x10	25	30
12x8	45	68
12x6	62	121
12x4	74	213
10x8	24	30

VALVES & DEAD ENDS				
SIZE	90°	45°	22 1/2°	11 1/4°
12	30	12	6	3
10	26	11	5	3
8	22	9	4	2
6	17	7	3	2
4	12	5	2	1

NOTES:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ON THIS SHEET.
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph: 505-268-8828 Fax: 505-268-2632
1691 CU-301.dwg Oct 29, 2009

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SILVER GARDENS
MASTER UTILITY PLAN

DESIGN REVISIONS

NO.	DATE	REMARKS
1	11/16/07	DESIGN
2	11/16/07	DESIGN
3	11/16/07	DESIGN

APPROVED
NOV 6 4 2009
DESIGN REVIEW COMMITTEE

APPROVED
NOV 6 4 2009
CITY ENGINEER

City Project No. **555483** K-14

Sheet **12** Of **12**