

QUIGLEY PARK

2820 CLAREMONT PL. N.E.
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

SITE RENOVATION INDEX

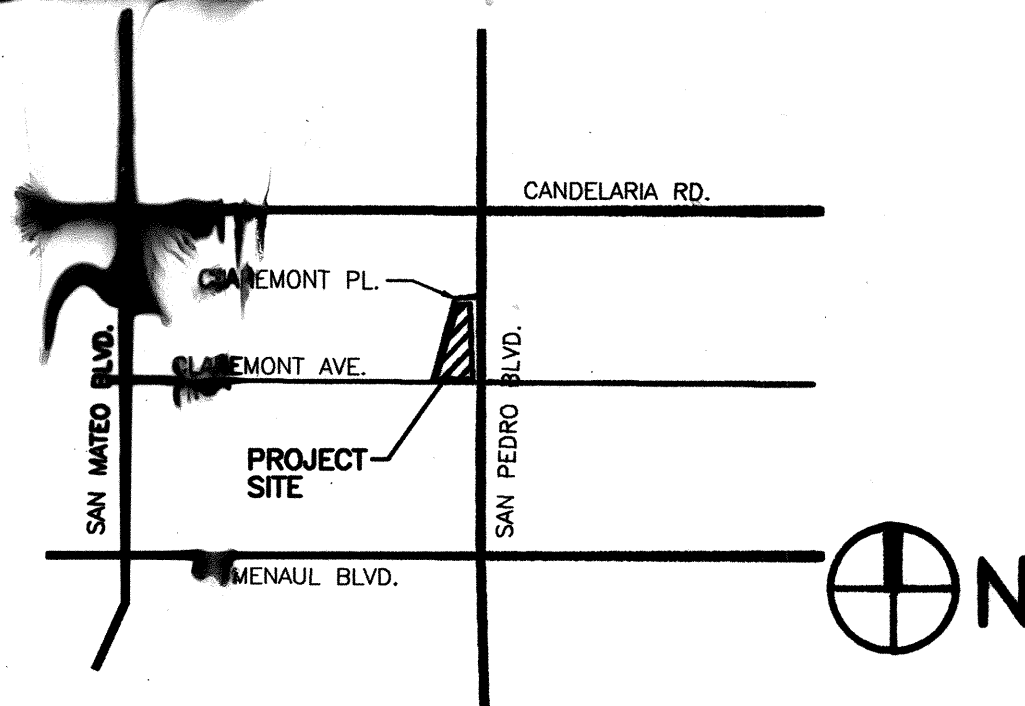
SHEET	DESCRIPTION
1	TITLE SHEET
2	DEMOLITION PLAN
3	CONSTRUCTION PLAN
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5	ENLARGEMENT PLAN
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10,11	TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD) SIGNING & CONSTRUCTION TRAFFIC CONTROL STANDARDS

SITE ACREAGE

TOTAL PARK SITE: 2.88 AC.
EXISTING TURFGRASS AREA: 2.63 AC.
PROPOSED TURFGRASS AREA: 1.93 AC.

CONSTRUCTION NOTES:

- WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, TOPSOIL DISTURBANCE AND EXCAVATION PERMITS, ETC.)
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR PER PLAN.
- THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.



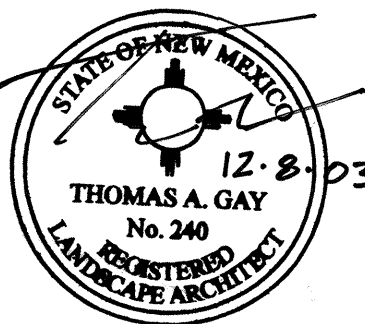
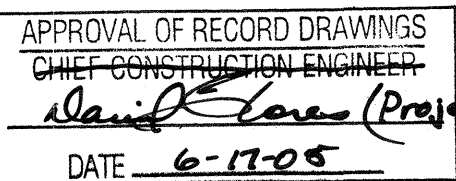
VICINITY MAP
NOT TO SCALE
A-12

NOTICE TO CONTRACTORS

- 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 THROUGH UPDATE No.6
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 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 MONUMENTS THAT ARE 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. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
- CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF EXISTING CITY FACILITIES. ANY DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED IN KIND, AS DETERMINED BY THE OWNER'S REPRESENTATIVE. REPLACEMENTS SHALL BE AT THE CONTRACTOR'S EXPENSE, AS PER C.O.A. SPECS.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

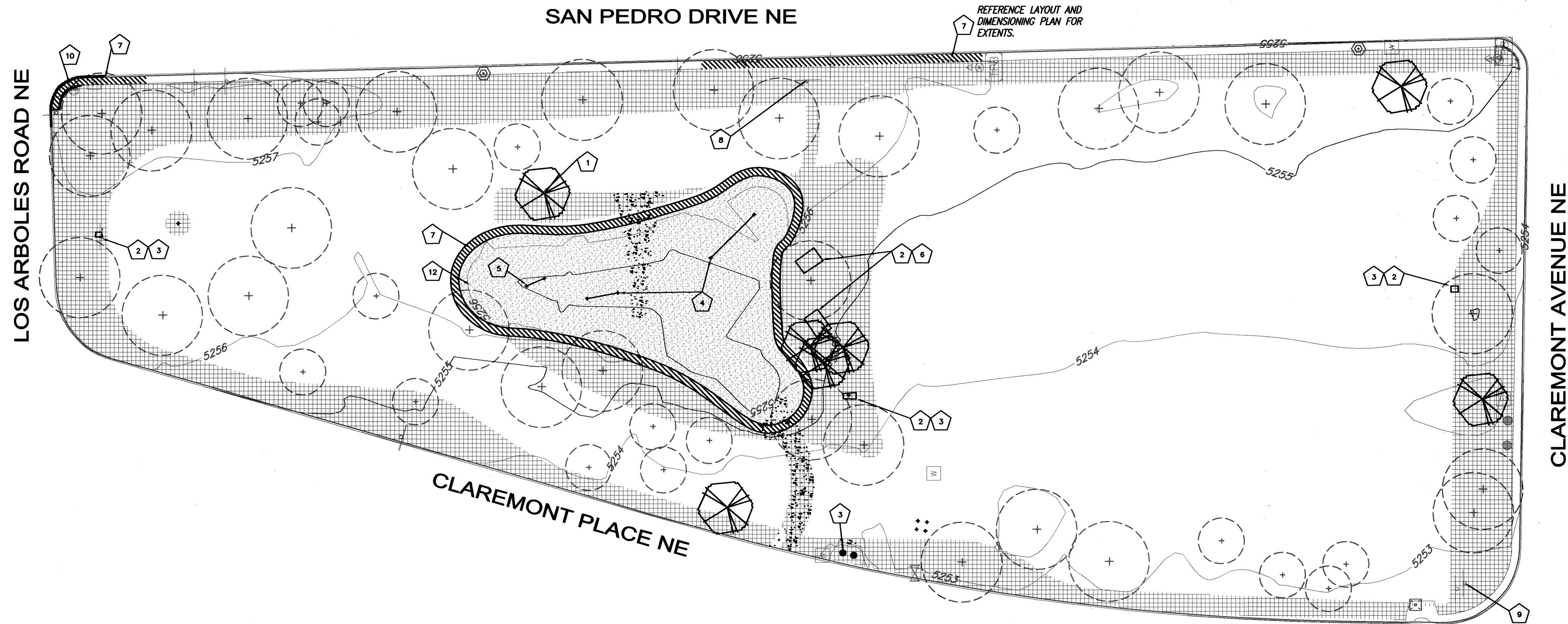
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☐ 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 CITY ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☐ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE	
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		
FINAL FOR CONSTRUCTION		DRC Chairman				APPROVED FOR CONSTRUCTION		
		Transportation						
		NM Utilities						
		Hydrology						
		Parks				City Engineer		Date
		Const. Coordinat.						
CITY PROJECT NO.				SHEET				OF
7640.92				1				11

12/08/03



KEYED NOTES

- 1 REMOVE AND DISPOSE OF EXISTING TREE, TYP. TREE REMOVAL TO INCLUDE STUMP REMOVAL TO A DEPTH OF 12" BELOW GRADE.
- 2 REMOVE AND DISPOSE OF EXISTING CONCRETE SLAB.
- 3 REMOVE EXISTING TRASH RECEPTACLES AND RETURN TO PARK MANAGEMENT.
- 4 REMOVE AND DISPOSE OF EXISTING MONKEY BARS AND SWINGS.
- 5 REMOVE AND RELOCATE EXISTING METAL GIRAFFE. SEE CONSTRUCTION PLAN FOR PROPOSED LOCATION.
- 6 REMOVE AND DISPOSE OF EXISTING PICNIC TABLES.
- 7 REMOVE AND DISPOSE OF EXISTING CONCRETE SIDEWALK.
- 8 REMOVE AND RELOCATE EXISTING PARK SIGN. SEE CONSTRUCTION PLAN FOR PROPOSED LOCATION.
- 9 REMOVE AND RELOCATE EXISTING KIOSK. SEE CONSTRUCTION PLAN FOR PROPOSED LOCATION.
- 10 REMOVE AND DISPOSE OF EXISTING HANDICAP RAMP, CURB AND GUTTER, AND HEADER CURB.
- 11 SAWCUT CONCRETE, REMOVE AND DISPOSE OF EXISTING STATIONARY BOLLARD.
- 12 REMOVE AND DISPOSE OF EXISTING SAND IN PLAY AREA TO A DEPTH OF 12" BELOW GRADE.

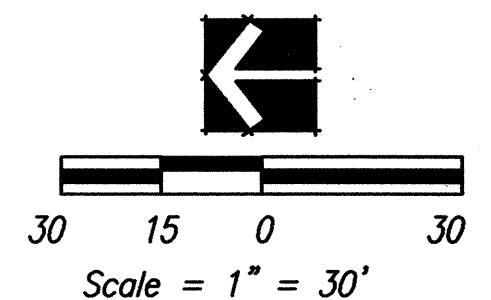
DEMOLITION NOTES

- EXISTING IRRIGATION VALVES AND BOXES TO BE REMOVED AND RETURNED TO PARK MANAGEMENT. CONTRACTOR SHALL REMOVE AND SALVAGE ALL EXISTING IRRIGATION HEADS AND RETURN THEM TO PARK MANAGEMENT. CONTACT: 857-8650.
- CONTRACTOR SHALL MAINTAIN EXISTING IRRIGATION SYSTEM DURING CONSTRUCTION. ALL EXISTING MAINLINE AND LATERAL IRRIGATION LINES SHALL BE ABANDONED IN PLACE ONCE NEW SYSTEM IS OPERABLE. SEE IRRIGATION PLAN FOR ADDITIONAL NOTES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL SITE ELEMENTS TO REMAIN. CONTRACTOR SHALL REPLACE IN KIND, ALL ITEMS DAMAGED DURING THE COURSE OF WORK, AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN FROM DAMAGE DURING THE COURSE OF WORK. CONTRACTOR SHALL BE HELD FINANCIALLY RESPONSIBLE FOR ANY DAMAGE TO THESE TREES, AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL MAINTAIN ALL TURFGRASS IN A HEALTHY CONDITION DURING CONSTRUCTION PERIOD. ANY DAMAGED AREAS SHALL BE REPAIRED. NO ADDITIONAL PAYMENT WILL BE MADE FOR REPAIRS.
- IRRIGATION LATERALS SHALL BE INSTALLED SO AS TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION. LINES SHALL BE LOCATED WITHIN 12" OF BACK OF SIDEWALK WHENEVER POSSIBLE.

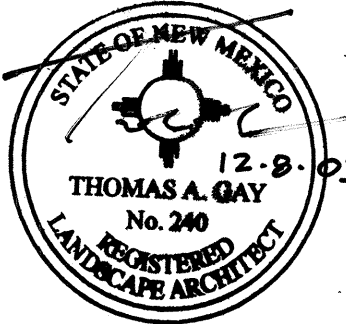
MATERIALS LEGEND

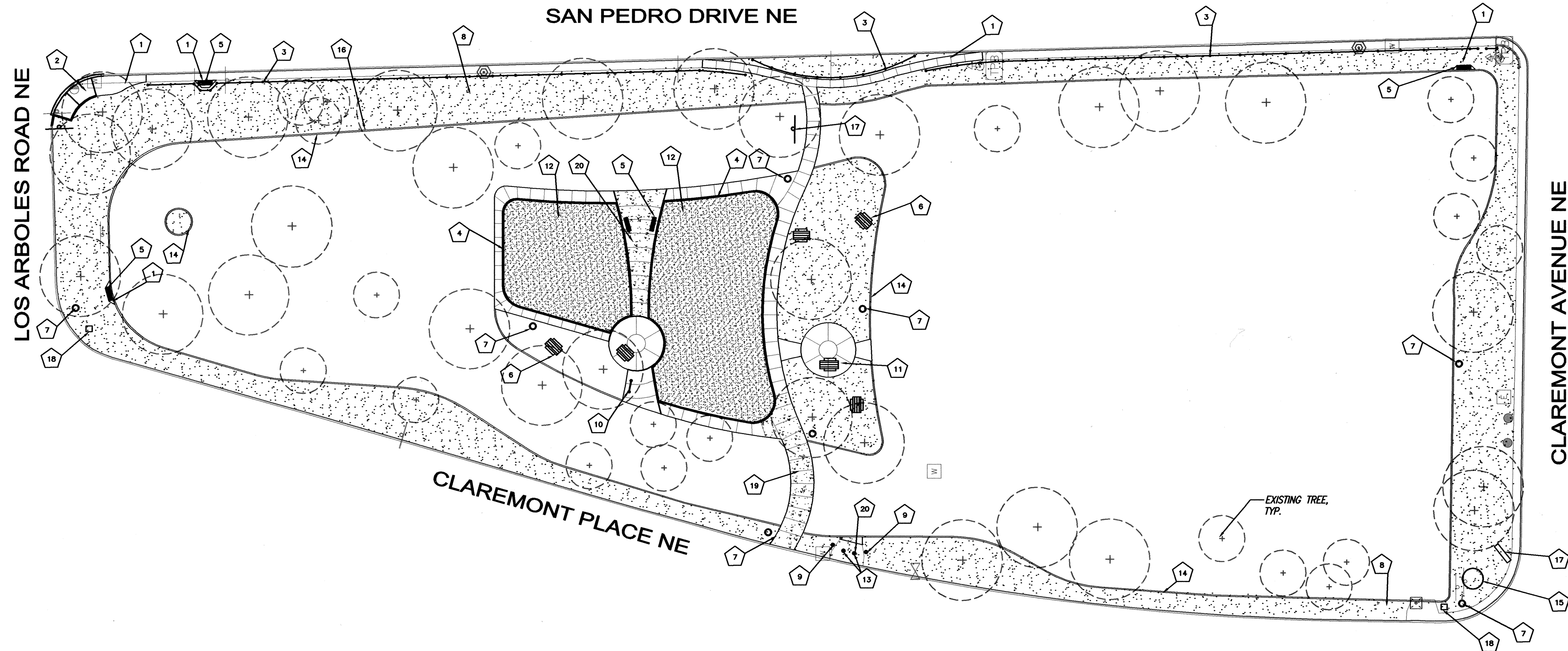
- EXISTING GROUND COVER MATERIAL TO BE REMOVED AND DISPOSED OF TO A DEPTH OF 2" BELOW EXISTING GRADE.
- EXISTING PLAY AREA SAND TO BE REMOVED AND DISPOSED OF.

FINAL FOR
CONSTRUCTION



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
QUIGLEY PARK DEMOLITION PLAN			
Design Review Committee	City Engineer Approval	Last Design Update	
		Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7640-92	Zone Map No. H-18	Sheet 2	Of 11

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR CEA	DATE			NO.	BY	DATE		No.	Date	By	DATE
INSPECTOR'S FIELD	DATE										DATE
INSPECTOR'S FIELD	DATE										DATE
INSPECTOR'S FIELD	DATE										DATE
MICRO-FILM INFORMATION											
RECORDED BY	DATE										
RECORDED BY	DATE										
Begin 5-04 to 9-04											
Inspection: Part 5 Rev											



KEYED CONSTRUCTION NOTES

- 1 PROVIDE 4" DEPTH CONCRETE SIDEWALK AS PER C.O.A. STD DWG #2430 AND B/B.
- 2 PROVIDE HANDICAP RAMP AS PER DETAIL A/4.
- 3 PROVIDE 48" HEIGHT CHAIN LINK FENCING AS PER COA STD. DETAIL 2252. SUBSTITUTE SPECIFIED CHAIN LINK MESH WITH 1" DIAMOND 9 GAUGE GALVANIZED CHAIN LINK MESH. INSTALL 15" OFF THE BACK OF THE SIDEWALK, UNLESS SHOWN OTHERWISE.
- 4 PROVIDE TURN DOWN SLAB AS PER C.O.A. STD DWG. # 2728.
- 5 PROVIDE BENCHES AS PER MANUFACTURER'S SPECIFICATIONS. SEE SITE FURNISHINGS LEGEND.
- 6 PROVIDE RECYCLED PLASTIC PICNIC TABLE AS PER MANUFACTURER'S RECOMMENDATIONS, TYP. SEE SITE FURNISHINGS LEGEND.
- 7 PROVIDE TRASH RECEPTACLE AS PER MANUFACTURER'S SPECIFICATIONS. SEE SITE FURNISHINGS LEGEND.
- 8 PROVIDE 4" DEPTH OF SANTA FE BROWN CRUSHER FINES.
- 9 PROVIDE STATIONARY BOLLARD AS PER COA STD DETAIL #2250
- 10 PROVIDE BIKE RACK AS PER MANUFACTURER'S RECOMMENDATIONS. SEE MATERIALS LEGEND.
- 11 PROVIDE ADA PICNIC TABLE AS PER MANUFACTURER'S RECOMMENDATIONS. SEE SITE FURNISHINGS LEGEND.
- 12 PROVIDE 12" UNCOMPRESSED DEPTH FINE SAND AS PER CPSC DOCUMENT #3005, PLAYGROUND SURFACING MATERIALS, INCLUDING APPENDIX B.
- 13 PROVIDE REMOVEABLE BOLLARD AS PER COA STD DWG #2250.
- 14 PROVIDE CONCRETE MOWSTRIP AS PER DETAIL C/B.
- 15 RE-INSTALL RELOCATED EXISTING METAL GIRAFFE AS DIRECTED BY PARKS STAFF.
- 16 RE-INSTALL RELOCATED EXISTING PARK SIGN
- 17 RE-INSTALL RELOCATED EXISTING NEIGHBORHOOD KIOSK
- 18 INSTALL MOUNTED DOG PARK DISPENSER, AS PROVIDED BY PARKS AND RECREATION STAFF, TYPICAL.
- 19 INSTALL CONSTRUCTION JOINTS 6' O.C., OR AS SHOWN ON THE PLAN. INSTALL EXPANSION JOINTS EVERY FOURTH JOINT.
- 20 PROVIDE REINFORCED CONCRETE SIDEWALK AS PER DETAIL D/B.

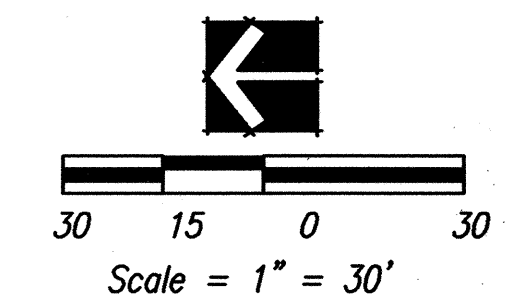
MATERIALS LEGEND

- CHAIN LINK FENCING
- STATIONARY BOLLARD
- REMOVEABLE BOLLARD
- PLAY AREA SAND-12" DEPTH UNCOMPRESSED FINE SAND
- SANTA FE BROWN CRUSHER FINES MULCH
- CONCRETE SIDEWALK
- REINFORCED CONCRETE SIDEWALK

SITE FURNISHINGS LEGEND

- TRASH RECEPTACLE- MC CLINTOCK METAL TRASH RECEPTACLE, MODEL #RSO-25. SURFACE MOUNT. COLOR: BLACK. CONTACT: MC CLINTOCK METAL 1-800-350-3588.
- BENCH- RECYCLE DESIGN "VICTORIA" SERIES 6" BENCH WITH BACK AND ARMS, MODEL #9876. SURFACE MOUNT. COLOR: CEDAR RECYCLED PLASTIC SLATS WITH CHARCOAL FRAME. CONTACT: CHURCHICH RECREATION 897-7962
- PICNIC TABLE- RECYCLE DESIGN "PARK" SERIES 60" TABLE, MODEL #9850. INGROUND MOUNT. COLOR: CEDAR RECYCLED PLASTIC SLATS WITH CHARCOAL FRAME. CONTACT: CHURCHICH RECREATION 897-7962
- PICNIC TABLE- RECYCLE DESIGN "PARK" SERIES 72" ADA UNIVERSAL TABLE, MODEL #9851. INGROUND MOUNT. COLOR: CEDAR RECYCLED PLASTIC SLATS WITH CHARCOAL FRAME. CONTACT: CHURCHICH RECREATION 897-7962
- BIKE RACK- CYCLE-SAFE VINTAGE BIKE RACK, MODEL #12180G "THE PEARL". INGROUND MOUNT. COLOR: BLACK. CONTACT: 1-888-950-6531
- DOG STAND LOCATION- DOG BAG PARK DISPENSER TO BE PROVIDED BY PARKS AND RECREATION STAFF, AND INSTALLED BY CONTRACTOR.
- EXISTING NEIGHBORHOOD KIOSK, RELOCATED


FINAL FOR
CONSTRUCTION



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

QUIGLEY PARK CONSTRUCTION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7640.92	Zone Map No. H-18	Sheet 3	Of 11	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION		
		FIELD NOTES						
		NO.	BY	DATE				
REVISIONS		No.	Date					
DESIGN								
Designed By: tag		DATE: 12/08/03						
Drawn By: paa		DATE: 12/08/03						
Checked By: tag		DATE: 12/08/03						
MICRO-FILM INFORMATION		RECORDED BY		DATE				

PLAY EQUIPMENT LAYOUT

5-12 PLAY AREA EQUIPMENT LIST

PLAY EQUIPMENT AS MANUFACTURED BY LANDSCAPE STRUCTURES. CONTACT TOM TRUJILLO AT EXERPLAY (505) 281-0151.

ITEM NUMBER	DESCRIPTION	COLOR
#30469	ALL TENDER TUFF COATED ELEMENTS	TAN
	ALL POWDER COAT ELEMENTS (INC ALL POSTS)	ONYX BLACK
	SPYRO SLIDE	RED
	ROLLERSLIDE	RED
	AIR DANCER	RED
	HEX SHINGLE ROOF	RED
	CHIMNEY CLIMBER	RED
	THUNDERHEAD CLIMBER	TAN
	"S" HORIZONTAL LADDER	RED
	DISC CHALLENGE	RED
	FIREPOLE	RED
	SUMMIT CLIMBER	TAN
	STATIONARY CYCLER	RED
	POD BRIDGE	RED
	CLATTERBRIDGE WITH HANDRAILS	RED
	DRIVER PANEL	ALL PERMALENE PANELS
	GEAR PANEL	TAN OVER RED
	PERISCOPE PANEL	
	SLANT ENTRANCE	
	SOUND CHIMES	
	TIC-TAC-TOE	
	ZOO W/ILL	
	FINGER MAZE PANEL	

100050C	8' ARCH SWING WITH BELT SEATS	ONYX BLACK
136159A	SPIDER WEB	ONYX BLACK CABLE CORE CLAMPS AND POSTS
100106A	5-12 YEARS SIGN	ONYX BLACK POSTS WITH TAN/RED PERMALENE

TOT LOT AREA EQUIPMENT LIST

PLAY EQUIPMENT AS MANUFACTURED BY LANDSCAPE STRUCTURES. CONTACT TOM TRUJILLO AT EXERPLAY (505) 281-0151.

ITEM NUMBER	DESCRIPTION	COLOR
1165568A	TURTLE TABLE	GREEN/TAN
136233B	ELEVATED SAND TABLE	ONYX BLACK POSTS WITH TAN/RED PERMALENE
100121C	CLUBHOUSE WITH SQUARE POLY ROOF	RED ROOF TAN PERMALENE PANELS
100048A	8' ARCH SWING WITH TOT SEATS	ONYX BLACK
100013B	MOTORCYCLE TUFFRIDER	RED/TAN
100105A	2-5 YEARS SIGN	ONYX BLACK POSTS WITH TAN/RED PERMALENE
123831A	SUPER SCOOP	TAN

MATERIALS LEGEND

	TOT TURF POURED IN PLACE RESILIENT SURFACING AS MANUFACTURED BY ROBERTSON INDUSTRIES, OR APPROVED EQUAL. INSTALL AS PER DETAIL A/B. COLOR: BEIGE AND BLACK. CONTACT: TOM TRUJILLO AT EXERPLAY 281-0151. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS.
	SLOPED TURNDOWN AT POURED IN PLACE RESILIENT SURFACING. SEE DETAIL A/B.

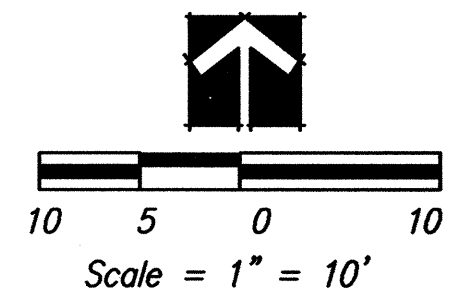
POURED-IN-PLACE RESILIENT SURFACING LAYOUT

PLAY AREA CONSTRUCTION NOTES

ALL PLAYGROUND EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS, ASTM SPECIFICATIONS AND CPSC GUIDELINES FOR PLAYGROUND SAFETY. SHOULD FIELD CONDITIONS CONFLICT WITH PROPER INSTALLATION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION, PRIOR TO INSTALLATION OF EQUIPMENT.

CONTRACTOR SHALL PROVIDE A THIRD PARTY AUDIT OF THE INSTALLATION OF ALL PLAY EQUIPMENT FOR CPSC AND ASTM COMPLIANCE PRIOR TO INSTALLATION OF POURED IN PLACE SURFACING. AUDIT TO BE PERFORMED BY N.P.S.I. CERTIFIED PLAYGROUND AUDITOR. ONCE THE AUDIT HAS CONFIRMED THAT THE PLAY EQUIPMENT HAS BEEN INSTALLED PROPERLY, THE PROJECT MANAGER SHALL NOTIFY THE CONTRACTOR THAT PLAY AREA INSTALLATION WORK MAY CONTINUE. POURED IN PLACE RESILIENT SURFACING SHALL BE INSTALLED AND AUDITED FOR ASTM COMPLIANCE. WRITTEN RESULTS OF AUDIT TO BE PROVIDED TO CITY PROJECT MANAGER PRIOR TO FINAL PROJECT ACCEPTANCE.

FINAL FOR
CONSTRUCTION



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
QUIGLEY PARK PLAY AREA ENLARGEMENT PLAN			
Design Review Committee	City Engineer Approval	Last Design Update	
		Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 7640.92	Zone Map No. XXX	Sheet 5	Of 11

IRRIGATION LEGEND

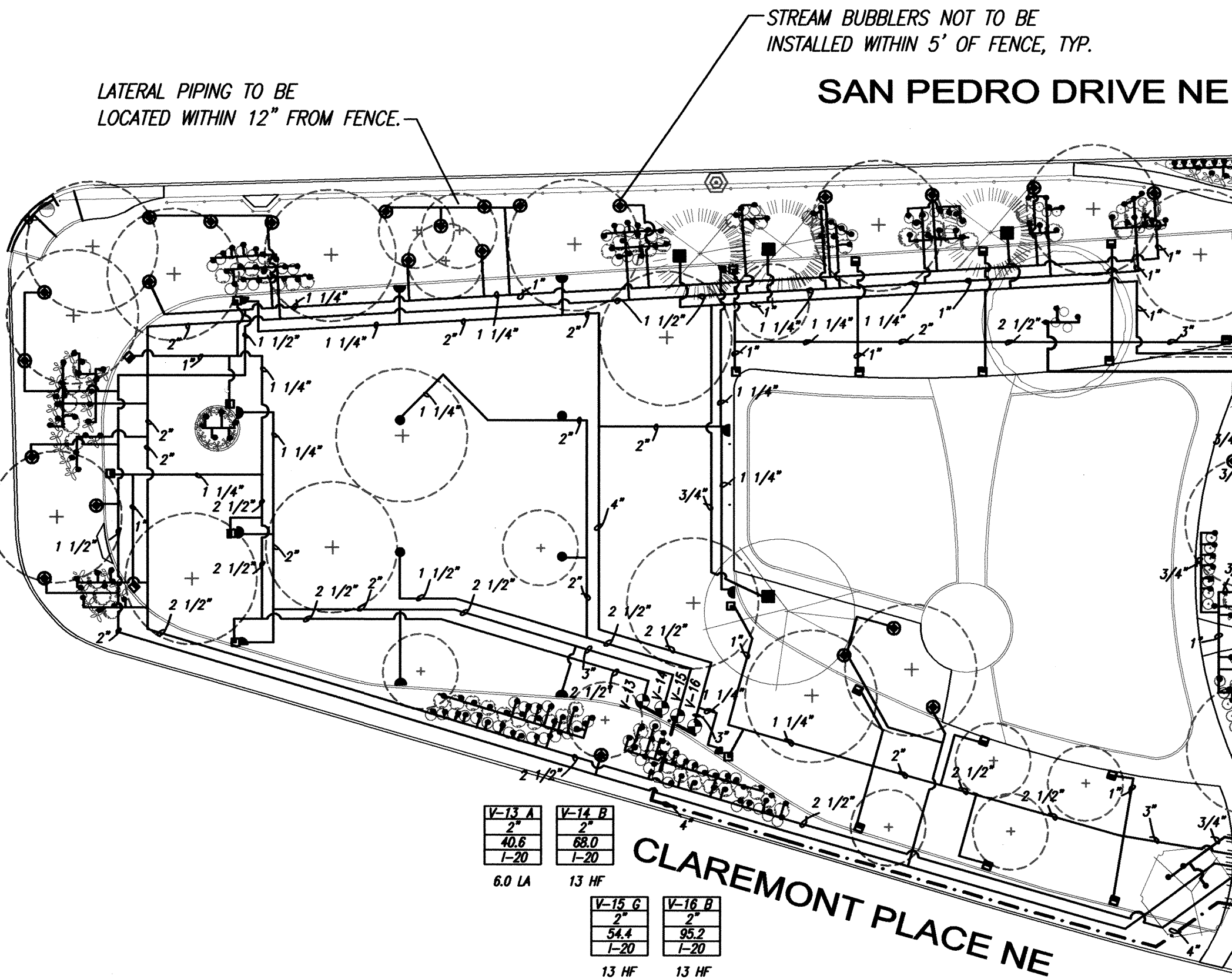
ALL IRRIGATION EQUIPMENT SHALL BE INSTALLED AS PER CITY OF ALBUQUERQUE STANDARD DRAWING INDICATED OR AS PER THE DETAILS.

- EXISTING 26 STATION MIR 5000 CONTROLLER
- EXISTING 3" WATER METER
- FEBCO 3" 825Y COMPRESSED RP BACKFLOW ASSEMBLY AND 3" MASTER METER FLOW METER. INSTALL IN HOTBOX EZ BOX INSULATED ENCLOSURE WITH HEAT TAPE.
- 3" RAINBIRD PEB MASTER VALVE
- RAINBIRD PEB CONTROL VALVE- SIZE AS PER PLAN
- CRISPIN UL 10.0 1" UNIVERSAL AIR RELEASE VALVE ASSEMBLY. INSTALL AT PROJECT HIGH POINT, FIELD VERIFY LOCATION.
- 3" PEGLER "0" RING GASKET VALVE 708A
- CHAMPION 300 SERIES MANUAL DRAIN VALVE, SIZE AS PER MAINLINE PIPE SIZE. INSTALL IN BROOKS MODEL 1419 BOX W/BOLT DOWN LID
- HUNTER I-25 SERIES ROTOR SPRINKLERS
- I-25-ADV-13 NOZZLE 56'R 12.3 GPM @ 60 PSI
 - I-25-36V-13 NOZZLE 56'R 12.3 GPM @ 60 PSI
- HUNTER I-20 SERIES ROTOR SPRINKLERS
- I-20-ADV-13HF NOZZLE 45'R 13.6 GPM @ 60 PSI
 - I-20-36V-13HF NOZZLE 45'R 13.6 GPM @ 60 PSI
 - I-20-ADV-6.0LA NOZZLE 37'R 5.8 GPM @ 60 PSI
- RAINBIRD 1806 5 SERIES STREAM BUBBLER NOZZLE WITH PCS 090 SCREEN 3'R .90 GPM
- RAINBIRD 1401 BUBBLER .25 GPM
- RAINBIRD 1408 BUBBLER 2.0 GPM

--- MAINLINE: SIZE AS PER PLAN, MATERIAL AS PER SPECIFICATIONS

— SCHEDULE 40 LATERALS SIZE AS PER PLAN

----- IRRIGATION SLEEVES--SLEEVES TO BE SIZED TWO SIZES LARGER THAN THE PIPE TO BE SLEEVED, UNLESS NOTES ON THE PLANS.



IRRIGATION NOTES

CONTRACTOR SHALL FIELD LOCATE AND UTILIZE EXISTING 3" WATER METER FOR THE PROPOSED IRRIGATION SYSTEM.

THE IRRIGATION SYSTEM IS DESIGNED FOR AN APPROXIMATE OPERATING PRESSURE OF XX PSI AT THE HEAD. CONTRACTOR SHALL FIELD VERIFY PRESSURE PRIOR TO INITIATION OF CONSTRUCTION. THIS INFORMATION SHALL BE PROVIDED TO THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE FOR APPROVAL, PRIOR TO PROCEEDING.

CONTRACTOR SHALL AVOID TRENCHING WITHIN 10' OF THE TRUNK OF AN EXISTING TREE OR WITHIN THE DRIPLINE OF EXISTING TREES WHENEVER POSSIBLE. HAND TRENCHING WILL BE REQUIRED WITHIN THE DRIPLINE OF TREES AND NO TREE ROOTS LARGER THAN 3" SHALL BE CUT.

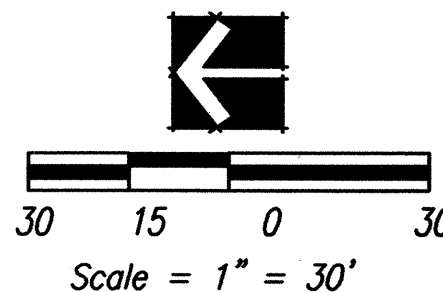
VALVE SCHEDULE

CONTROLLER STATION	VALVE NO.	SIZE	NOZZLE/RADIUS	DESCRIPTION	MAX. DEMAND	RUN TIME
						2/3" PRECIPITATION
ROTOR A	V-1	2"	#6.0 37'	TURF GRASS	69.8 GPM	31 MIN.
E	V-2	2"	#13/56"	TURF GRASS	73.8 GPM	105 MIN.
F	V-3	2"	#13/56"	TURF GRASS	73.8 GPM	52 MIN.
F	V-6	2"	#13/56"	TURF GRASS	73.8 GPM	52 MIN.
E	V-7	2"	#13/56"	TURF GRASS	73.8 GPM	105 MIN.
A	V-9	2"	#6.0 37'	TURF GRASS	69.8 GPM	31 MIN.
D	V-12	2"	#13/56"	TURF GRASS	73.8 GPM	52 MIN.
L	V-13	2"	#6.0 37'	TURF GRASS	40.6 GPM	31 MIN.
B	V-14	2"	#13 HF/45'	TURF GRASS	88.0 GPM	31 MIN.
G	V-15	2"	#13 HF/45'	TURF GRASS	54.4 GPM	62 MIN.
B	V-16	2"	#13 HF/45'	TURF GRASS	95.2 GPM	31 MIN.
TOTAL RUNTIME 6.06 hrs.						

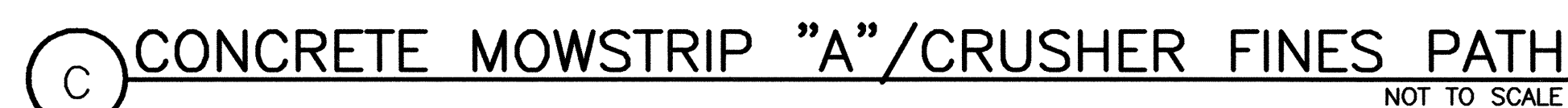
STREAM BUBBLER	H	V-8	1"	3'	TREE BUBBLER	29.7 GPM	N/A
BUBBLER	I	V-10	1"	N/A	SHRUB BUBBLER	25.5 GPM	N/A
BUBBLER	J	V-11	1"	N/A	SHRUB BUBBLER	88.5 GPM	N/A
BUBBLER	K	V-4	1"	N/A	TREE BUBBLER	16.0	N/A
BUBBLER	C	V-5	1"	N/A	TREE BUBBLER	6.0	N/A

V-5	VALVE NUMBER
2"	VALVE SIZE
53.6	GPM
BUB	HEAD TYPE

FINAL FOR CONSTRUCTION

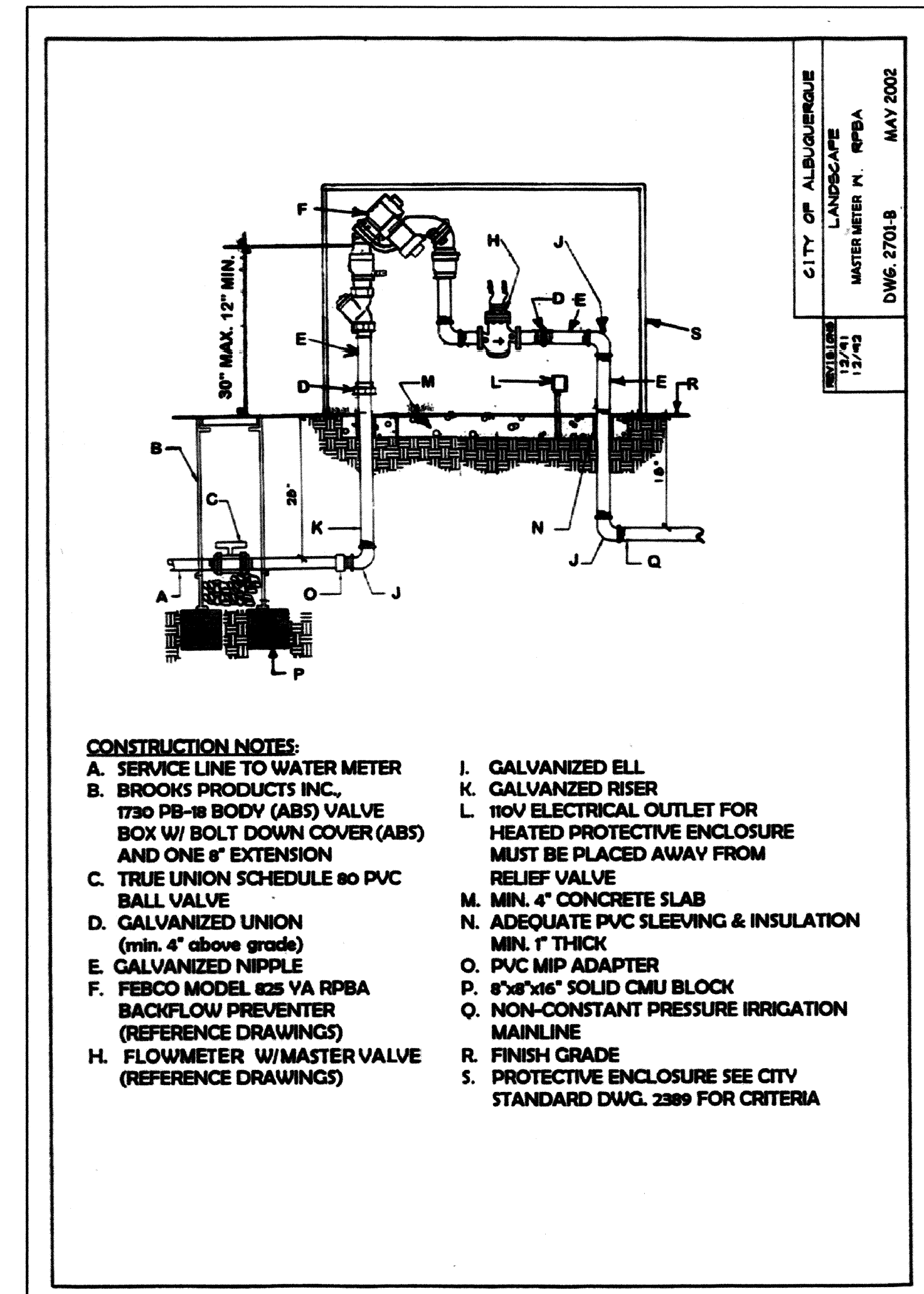


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
QUIGLEY PARK IRRIGATION PLAN			
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
76440.92	H-18	7	11

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FINAL FOR
CONSTRUCTION







A MASTER METER

FINAL FOR
CONSTRUCTION



 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP QUIGLEY PARK CONSTRUCTION DETAILS			
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
City Project No. 7640.92	Zone Map No. XXX	Sheet 9	Of 11

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES				CONTRACTOR	
		NO.	BY	DATE		STAMPED BY	DATE
						INSPECTOR'S	DATE
						FIELD	DATE
						VERIFICATION BY	DATE
						MICRO-FILM INFORMATION	
						RECORDED BY	
						DATE	
						NO.	

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

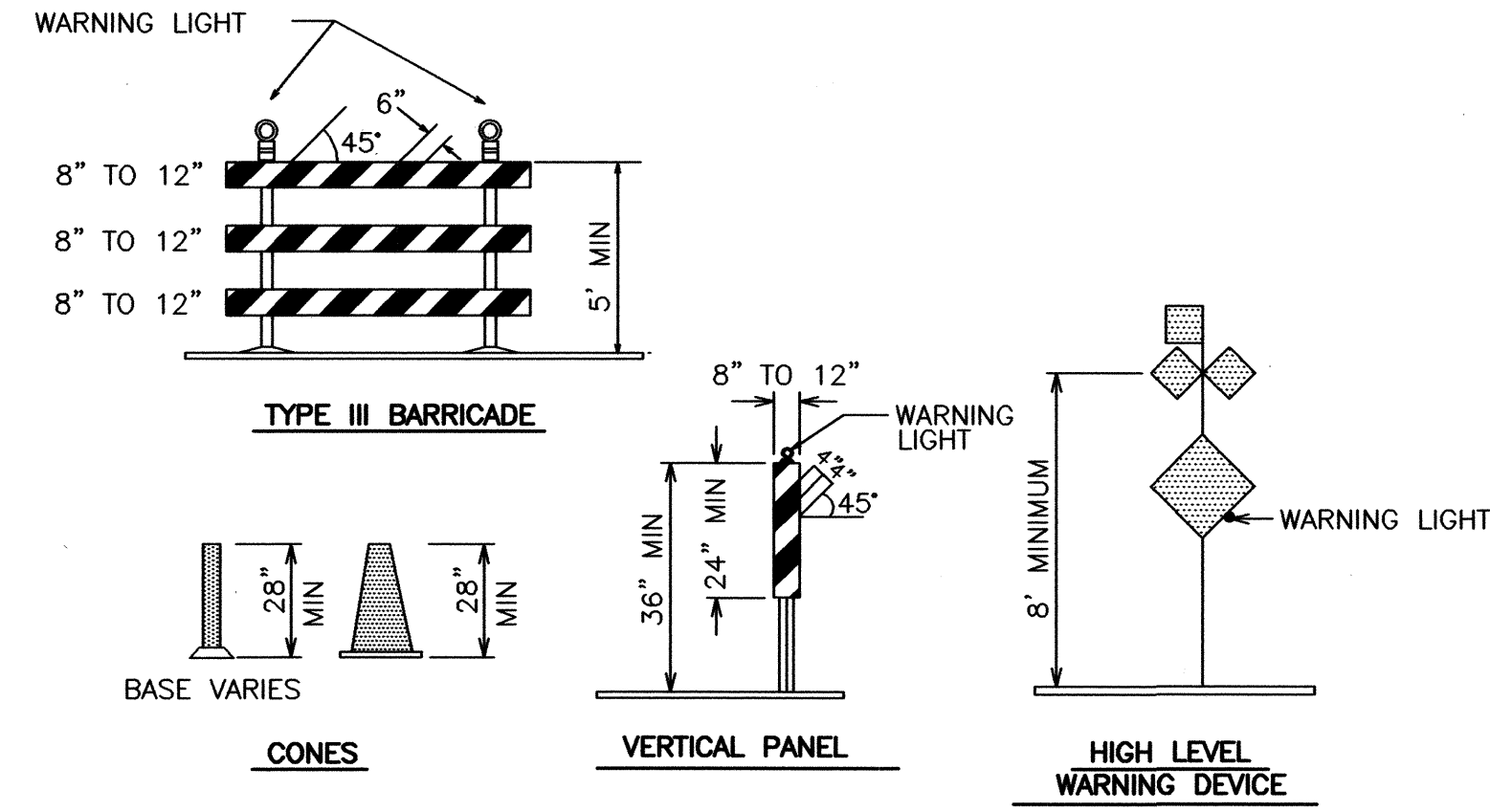
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



LEGEND

WORK AREA
BARRICADE - TYPE I, TYPE II, OR BARREL
BARRICADE - TYPE III
VERTICAL PANEL
WARNING SIGN
DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
FLAGMAN POSITION
SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS		FROM LAST SIGN TO TAPER
	0-20	25-30	
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT	10 X SPEED LIMIT

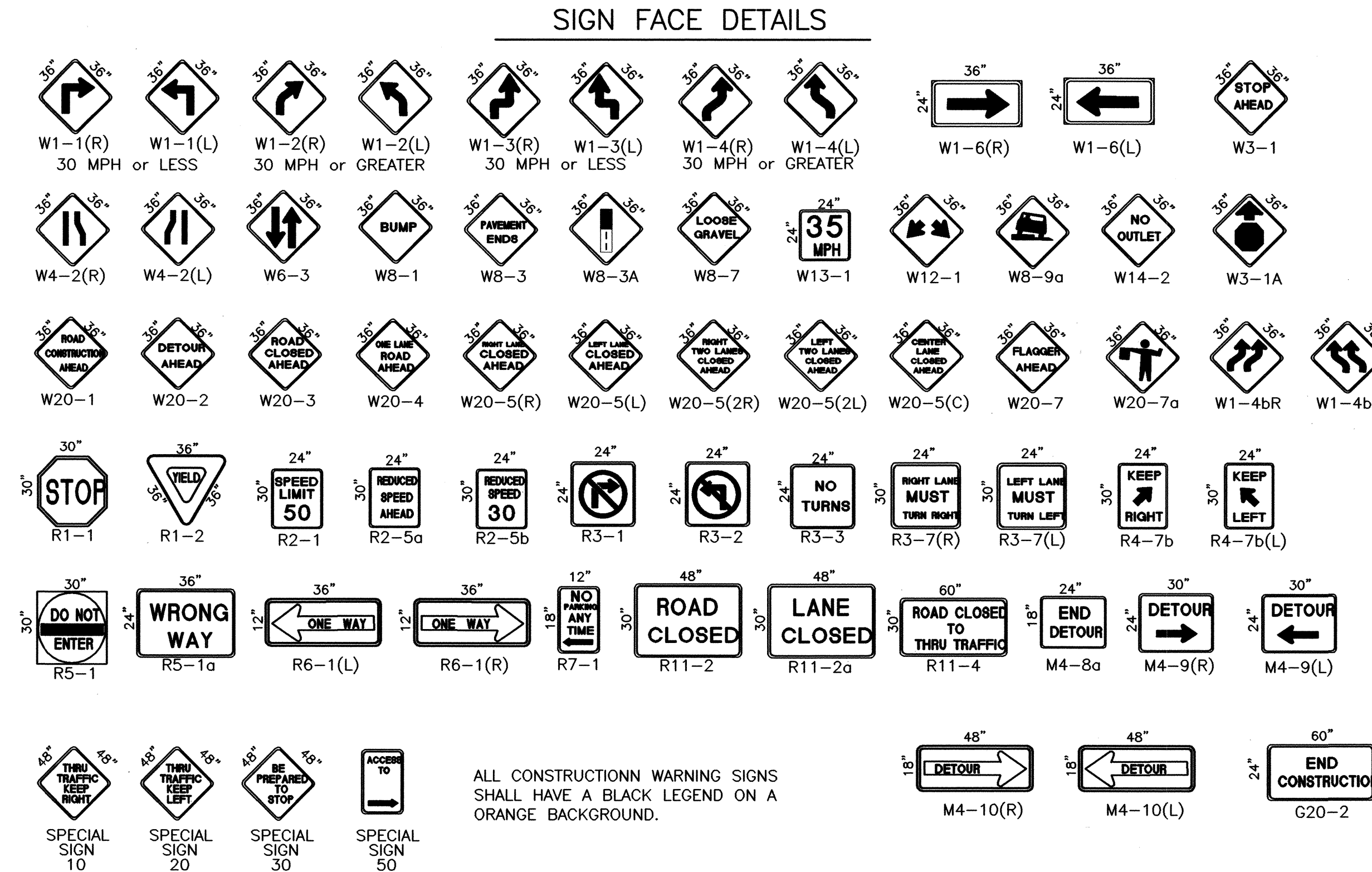
TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSIDE TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TRAFFIC CONTROL
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

Design Review Committee City Engineer Approval

City Project No. 7640.92 Zone Map No. H-18

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