

LA PALOMA PARK

THIS PROJECT IS DESIGNATED FOR CLASS II CONSTRUCTION

CITY OF ALBUQUERQUE

CAPITAL IMPLEMENTATION PROGRAM
LANDSCAPE ARCHITECTURAL AND CONSTRUCTION SERVICES
SECTION

LANDSCAPE IMPROVEMENTS PHASE ONE

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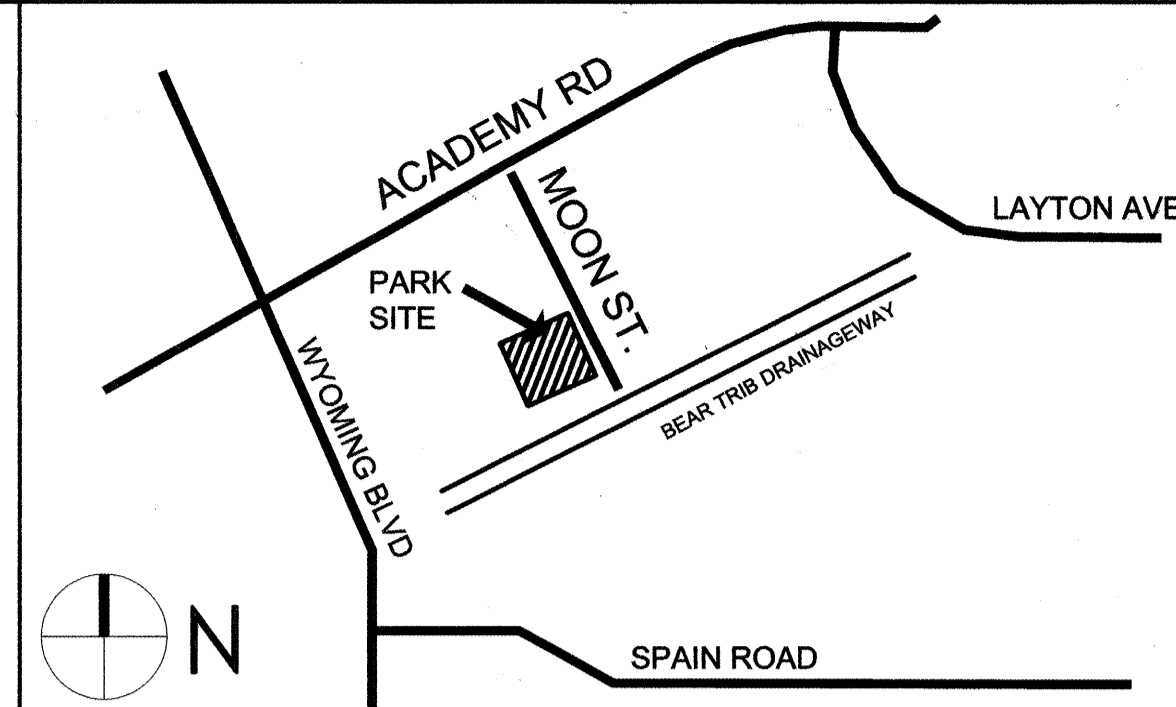
CONSTRUCTION NOTES:

- 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 SUPERVISOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- 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 SUPERVISOR.
- 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.



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VICINITY MAP
NOT TO SCALE
F-20

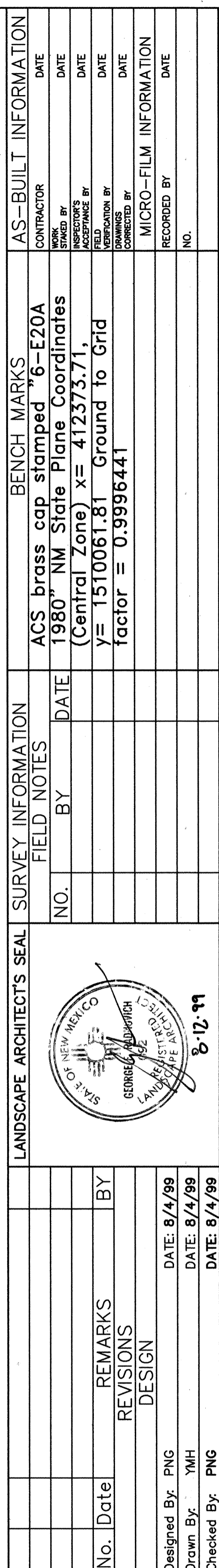
NOTICE TO CONTRACTORS

- 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 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.
- 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
LANDSCAPE ARCHITECTS STAMP	APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION			
	DRC Chairman	<i>[Signature]</i>	9-7-99				
	Transportation	<i>[Signature]</i>	8-24-99				
	Water/Wastewater	<i>[Signature]</i>	8-20-99				
	Hydrology	<i>[Signature]</i>	8-23-99				
	Const. Mngmt.	<i>[Signature]</i>	8-23-99				
	Const. Coord.	<i>[Signature]</i>	9-3-99				
CITY PROJECT NO.						SHEET	OF
5617.91						1	7



88106c3 JOB NO. 98106C3
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XREF: SITES-SW98106C3\DWGS\UG040297.DWG

MOON STREET N.E.

APARTMENT COMPLEX ENTRANCE

PROTECT AND MAINTAIN
EXISTING GREY
ROUND GRAVEL

12" DEPTH OF
PLAYGROUND SAND

4" DEPTH 3/4"
SANTA FE BROWN GRAVEL MULCH
OVER FILTER FABRIC

COBBLE SWALE
SEE DETAIL G/6

COBBLE SWALE
SEE DETAIL G/6

PROTECT AND MAINTAIN
EXISTING SANTA FE BROWN GRAVEL

EXISTING/UNDISTURBED
NATIVE VEGETATION

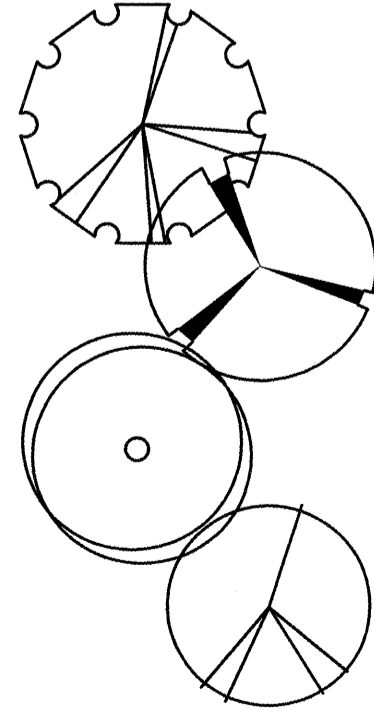
EXISTING
DROP INLET

WATER HARVESTING
COBBLE SWALE
SEE DETAIL A/3

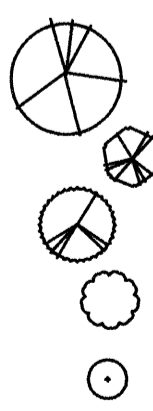
EXISTING/UNDISTURBED
NATIVE VEGETATION

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Legend



BOTANICAL NAME	COMMON NAME	SIZE	MATURE HT.	QTY.	DETAIL/REMARKS
TREES					
Populus fremontii "Wislizenii"	Rio Grande Cottonwood	3" CAL	50' HT.	2	COA STD DTL 2716
Cercis canadensis	Eastern Redbud	8' HT. MULTI-TRUNK	30' HT.	5	Modify Std Dtl 2715 For Cobble Swale
Fraxinus velutina	Modesto Ash	2 1/2" CAL	40' HT.	7	COA STD DTL 2716
Robinia x ambigua	Purple Robe Locust	2 1/2" CAL	40' HT.	3	COA STD DTL 2716



BOTANICAL NAME	COMMON NAME	SIZE	MATURE HT.	QTY.	DETAIL/REMARKS
SHRUBS					
Fallugia paradoxia	Apache Plume	5 GAL	5' HT.	20	COA STD DTL 2717
Muhlenbergia capillaris	Regal Mist Muhlenbergia	5 GAL	5' HT.	20	COA STD DLT 2717
Mahonia aquifolium	Oregon Grape Holly	5 GAL	6' HT.	14	COA STD DTL 2717
Gaura lindheimeri	Gaura	5 GAL	4' HT.	14	COA STD DTL 2717
Zauschneria californica	Hummingbird Plant	1 GAL	2' HT.	29	COA STD DTL 2717
MULCH					
995 SF.	4" Depth of 3/4" Santa Fe Brown Gravel over Filter Fabric				
1,285 SF.	8" Depth of 4-8" Santa Ana Tan Cobble over Filter Fabric				
1,858 SF.	12" Depth of Playground Sand				
14,420 SF.	C.O.A. Park Mix Turf Seeding				

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PLANNING
LANDSCAPE ARCHITECTURE
MARKET ANALYSIS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
LA PALOMA PARK
LANDSCAPE IMPROVEMENTS - PHASE 1
LANDSCAPE PLAN

Design Review Committee
APPROVED
SEP 3 1999
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
SEP 3 1999
CITY ENGINEER

City Project No. 5617.91
Zone Map No. F-20
Sheet 4 Of 7

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		LANDSCAPE ARCHITECT'S SEAL		REVISIONS		DESIGN		MICRO-FILM INFORMATION	
CONTRACTOR	DATE			NO.	BY	DATE		No.	Date	REMARKS	BY	DATE	NO.
WORK BY	DATE												
FIELD ACCEPTANCE BY	DATE												
FIELD VERIFICATION BY	DATE												
DRAWINGS	DATE												
CHECKED BY	DATE												
RECORDED BY	DATE												
NO.													

8-12-99

Designed By: PNG	DATE: 8/4/99
Drawn By: YMH	DATE: 8/4/99
Checked By: PNG	DATE: 8/4/99

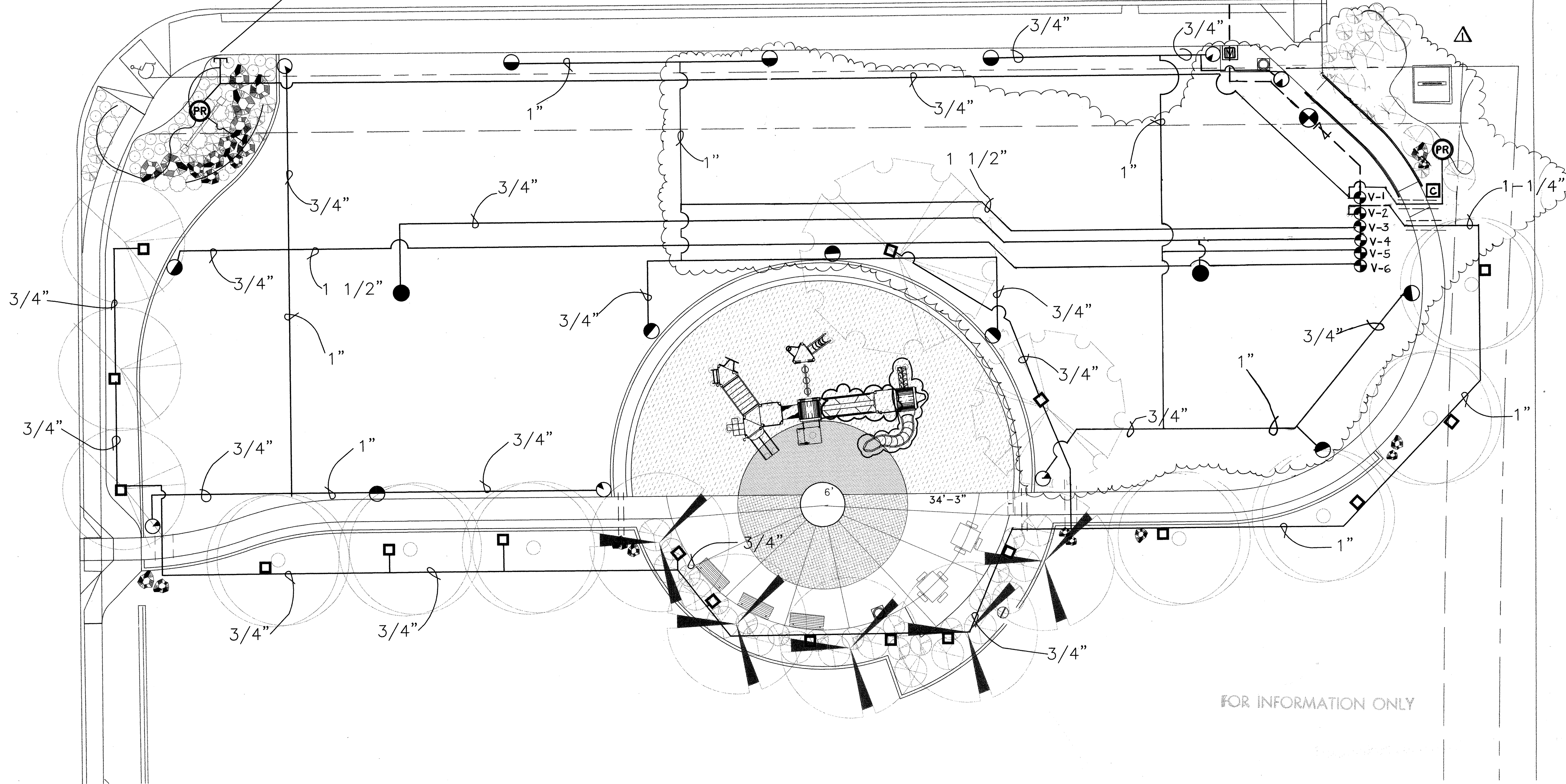
APARTMENT COMPLEX ENTRANCE

MOON STREET

CAP LINE AT THIS POINT FOR FUTURE PHASE IRRIGATION

V-1	V-2	V-3	V-4	V-5	V-6
1" ICV	1" ICV	1" ICV	1" ICV	1" ICV	1" ICV
3.5 GPM	8.5 GPM	27.5 GPM	6.0 GPM	33.0 GPM	27.5 GPM
DRIP	1402	PGP	PGP	PGP	PGP

INSTALL 1" METER
CONNECT SERVICE ZONE 5
DISTRIBUTION WATER LINE(6"AC)



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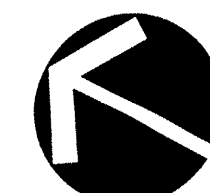
- MIR5000 S 8 STATION SOLAR SCORPIO CONTROLLER W/ RADIO, DOME ANTENNA AND STAINLESS STEEL CABINET M55-1S-S-8, HITMEY 10 WATT SOLAR PANEL SN10 WITH MOUNTING BRACKET AND 12 AMP/HR BATTERY
- RAINBIRD 1" PEB MASTERVALVE WITH MASTER METER 1" MULTI-JET METER
- WILKENS 1" 720A SERIES PRESSURE VACUUM BREAKER BACKFLOW PREVENTER INSTALLED 1' ELEV. ABOVE HIGHEST HEAD (APPROX. 2') INSTALL IN HOTBOX-VALVE GUARD MODEL PVB-1 WITH ONE PVB-1A EXTENSION

- HUNTER ICV-101G CONTROL VALVE WITH 1" NETAJIM 200 MESH DISK FILTER DF100-200
- HUNTER ICV-101G-W/ACCU-SET PRESSURE REGULATING CONTROL VALVE
- RAINBIRD 1402 BUBBLER
- SENNINGER PMR30LF INLINE PRESSURE REGULATOR
- 1" WATER METER (BY C.O.A.)

- 3/4" POLY TUBING INSTALL THREE (3) RAINBIRD XB-20 (2 GPH) XERIBUG EMITTERS PER 5 GAL. SHRUB AND TWO (2) PER 1 GAL PERENNIAL
- 1 1/2" SCHEDULE 40 MAINLINE
- SCHEDULE 40 LATERALS SIZE AS PER PLANS
- SCHEDULE 40 IRRIGATION SLEEVES SIZE TO SIZES LARGER THAN PIPE TO BE SLEEVED

- HUNTER PGP 4" POP-UP
- FULL 360-9
- HALF ADV-9
- QUARTER ADV-9

NOTE: ALL TRENCHING IN PROTECTED EXISTING VEGETATION TO BE MACHINE TRENCHED AND HAND BACKFILLED. NO BLADE BACKFILLING WILL BE ALLOWED. KEEP TRENCH WITHIN TWO FEET OF SIDEWALK.

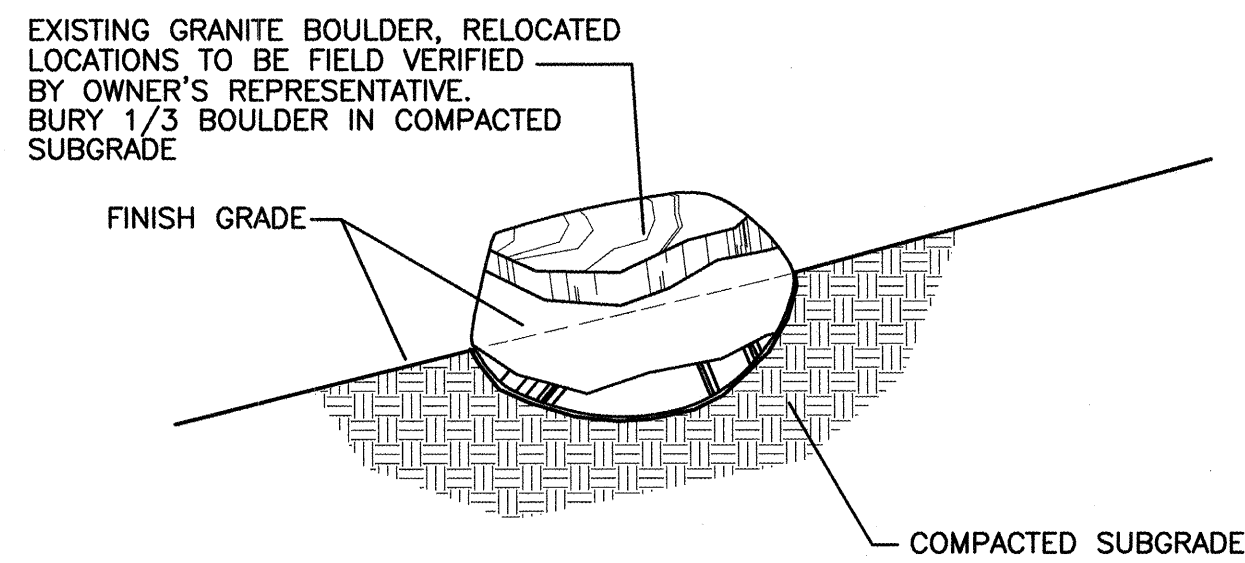


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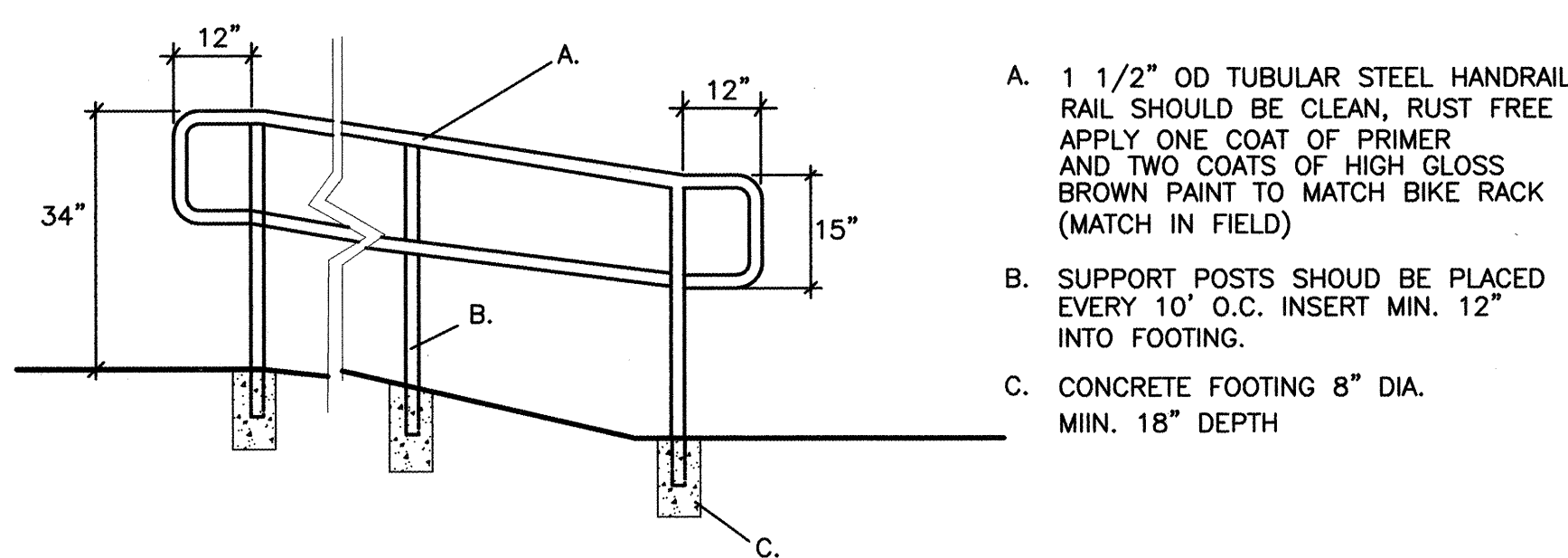
PLANNING
LANDSCAPE ARCHITECTURE
MARKET ANALYSIS

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
LA PALOMA PARK LANDSCAPE IMPROVEMENTS - PHASE 1 IRRIGATION PLAN	
Design Project Committee SEP 3 1999	City Engineer Approval SEP 3 1999 CITY ENGINEER
City Project No. 5417.91	Zone Map No. F-20
Sheet 5	Of 7

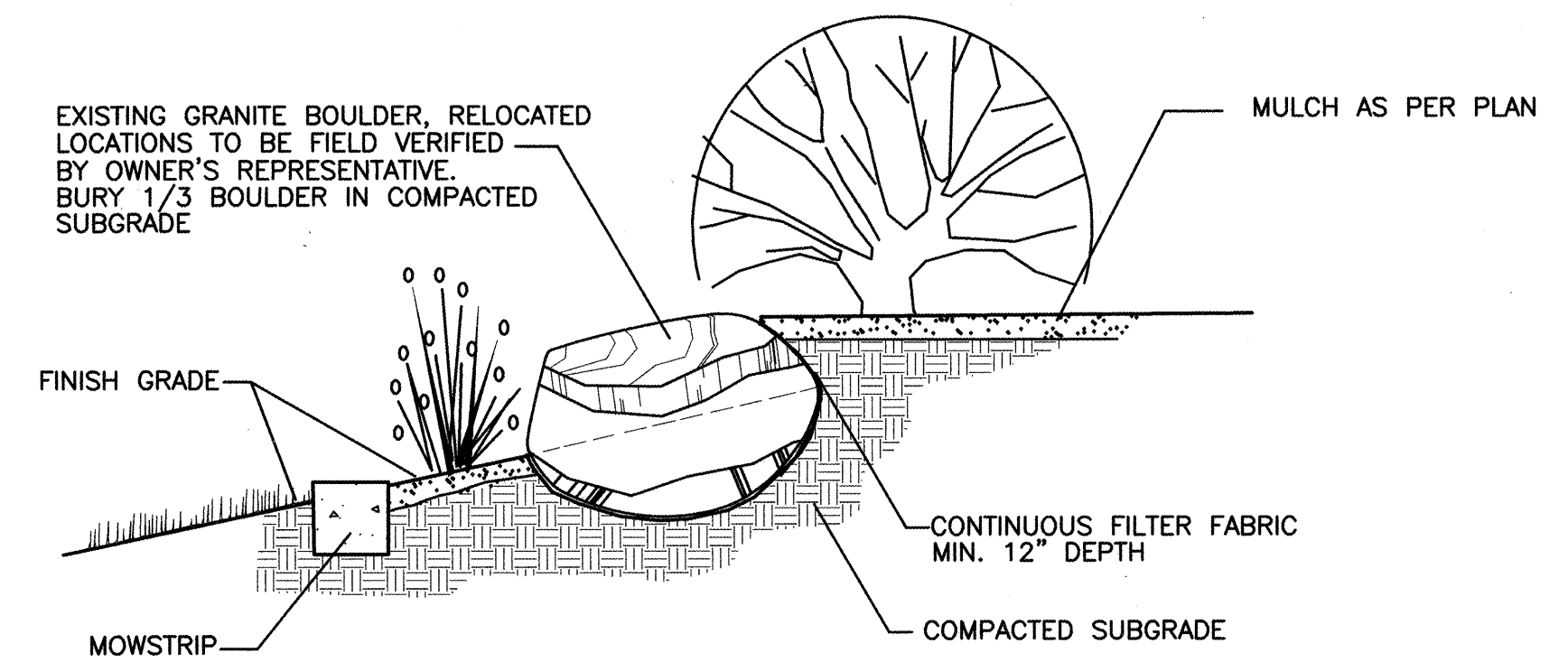
AS-BUILT



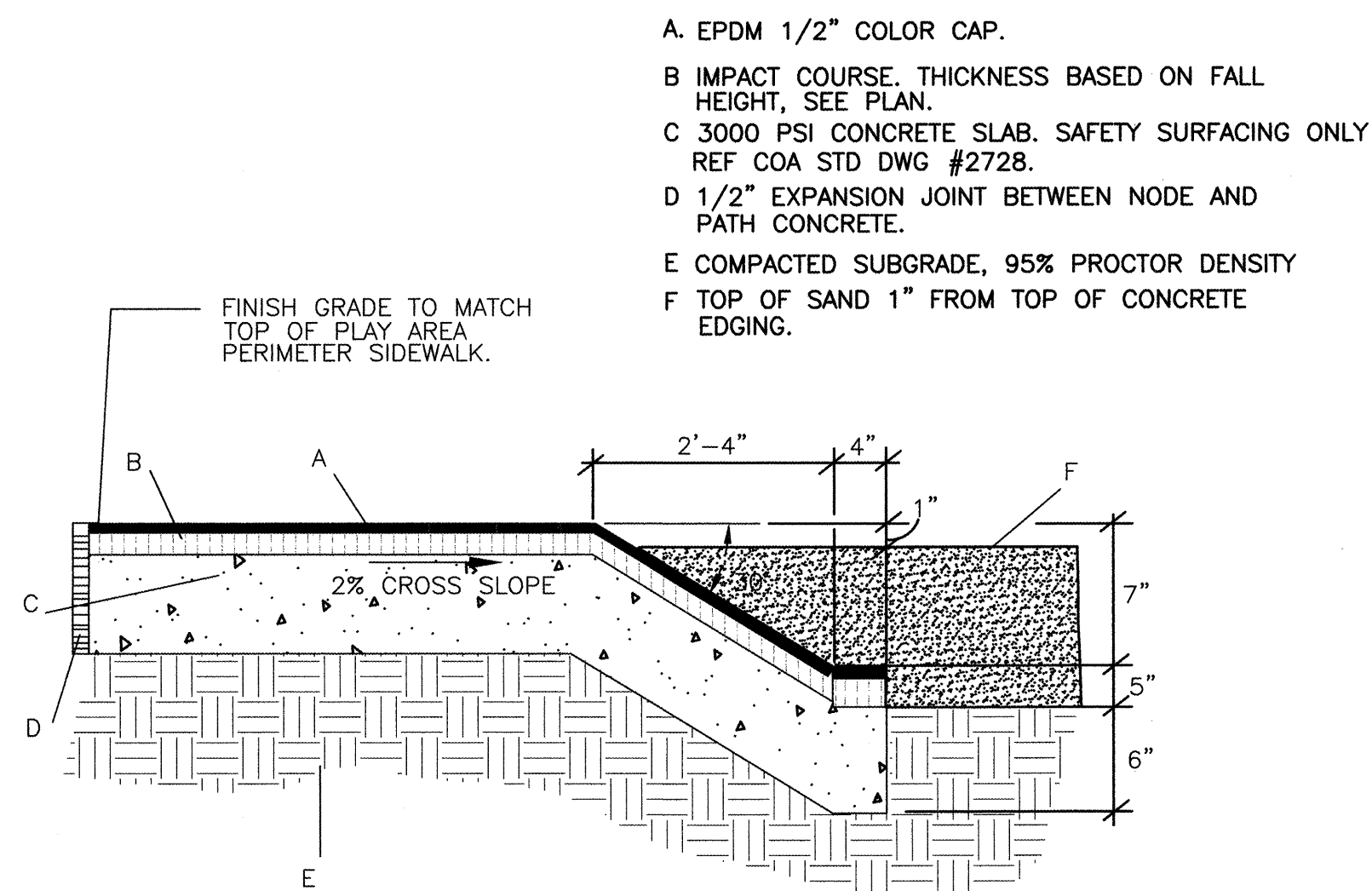
A
6 BOUNDER INSTALLATION ON SLOPE
NOT TO SCALE



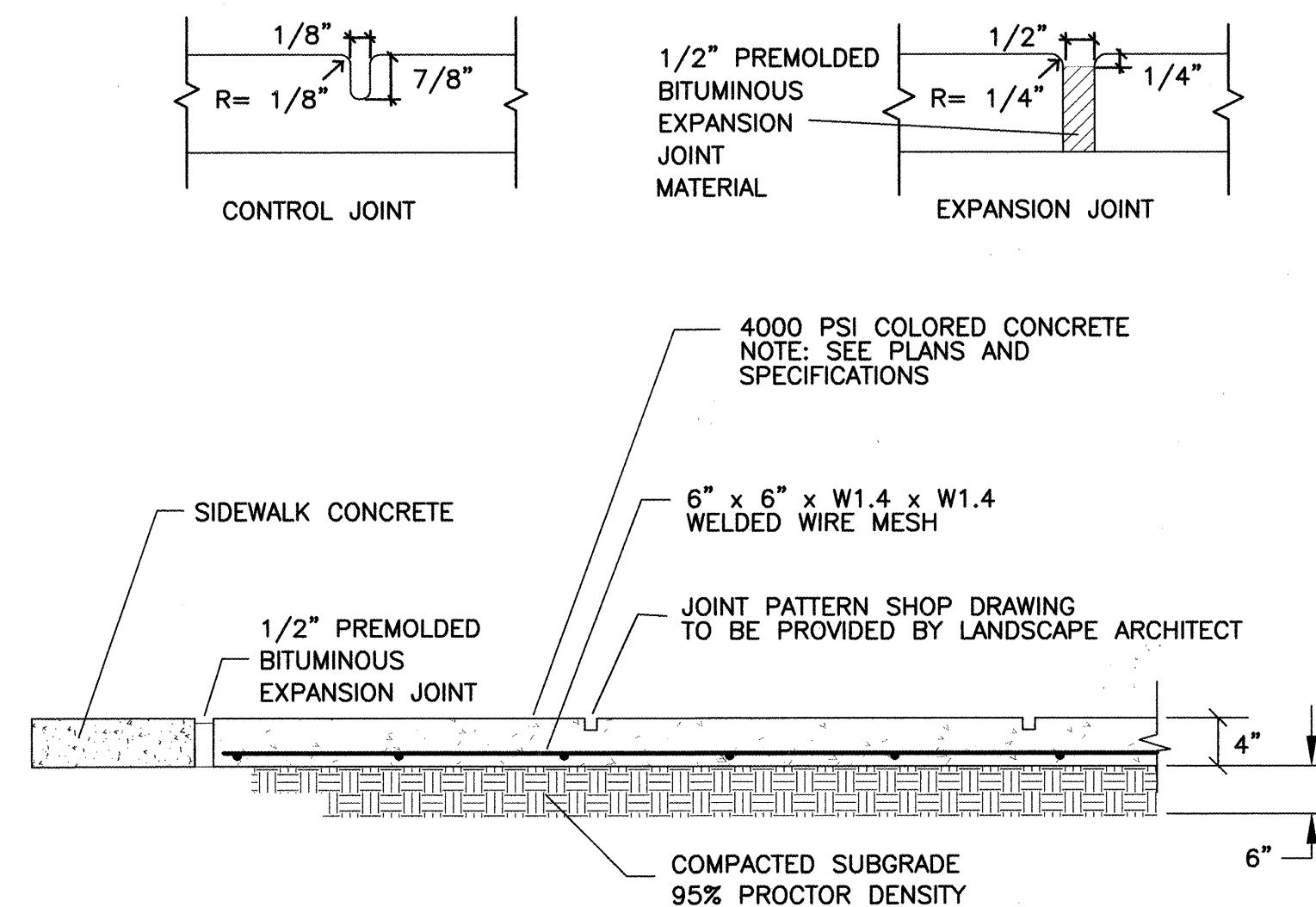
B
6 RAMP/HANDRAIL DETAIL
NOT TO SCALE



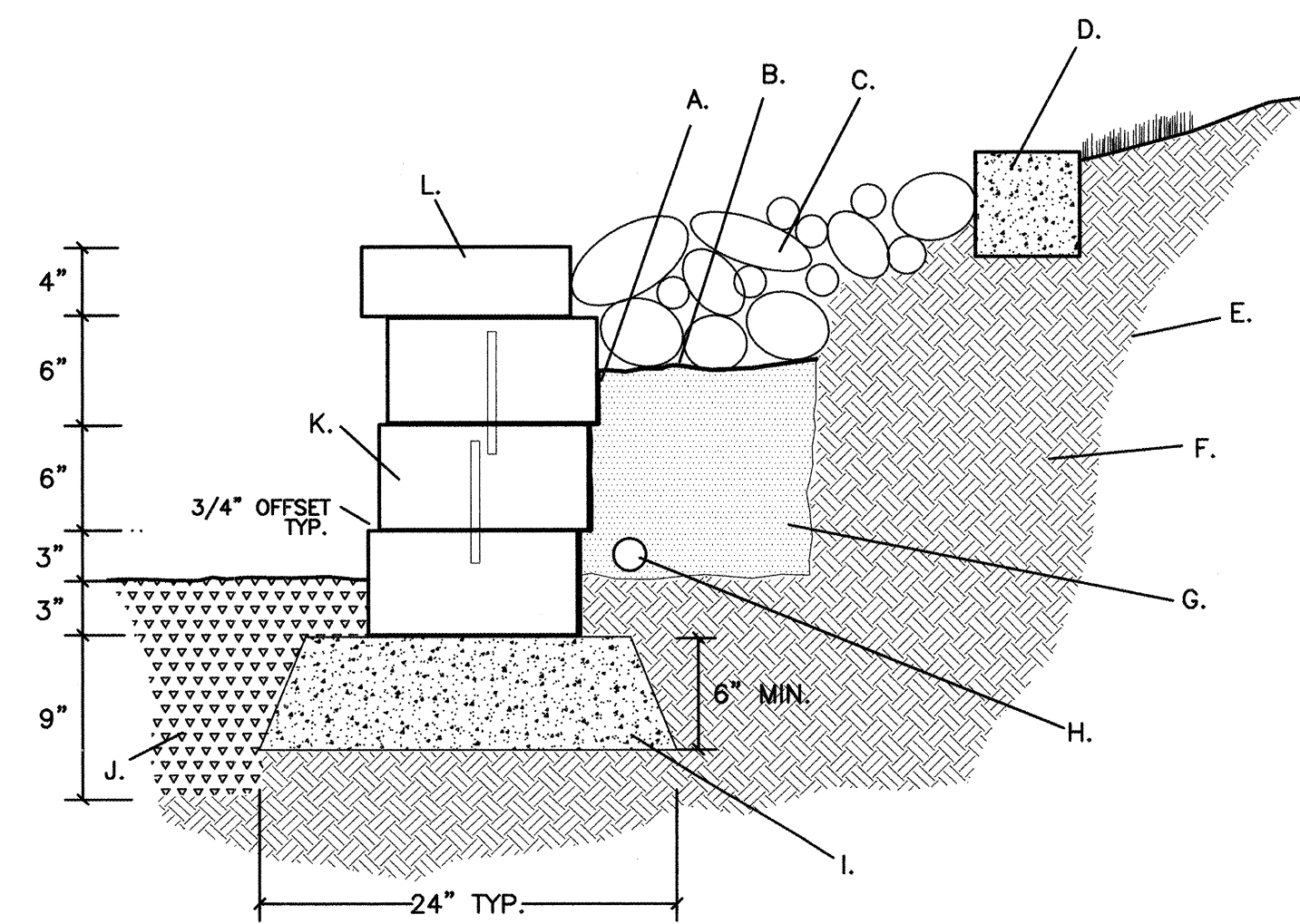
C
6 BOULDER RETAINER ON SLOPE
NOT TO SCALE



D
6 POURED IN PLACE SAFETY SURFACE
NOT TO SCALE

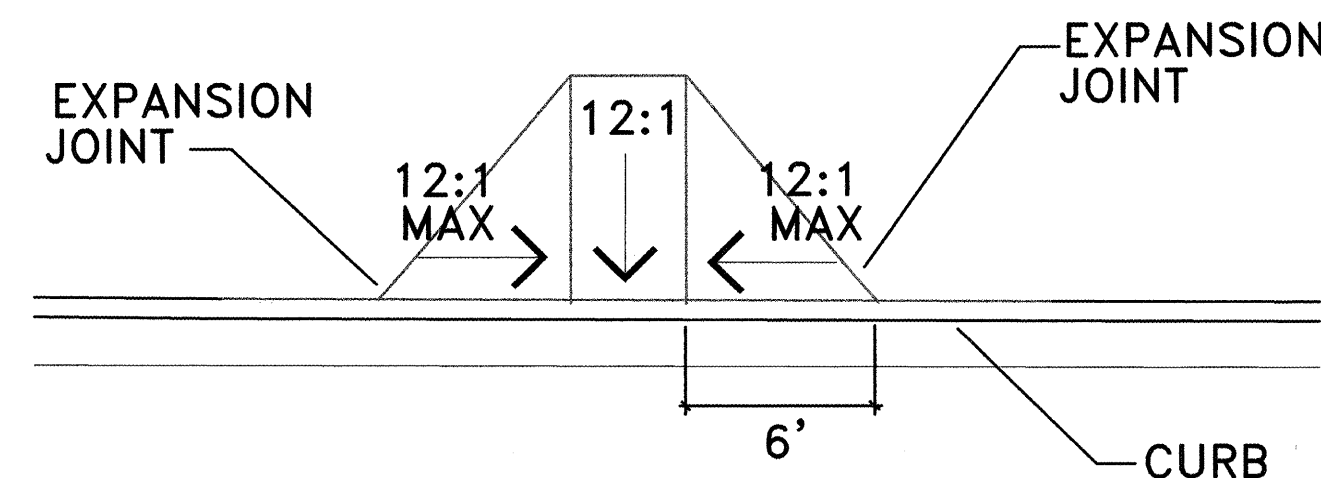


E
6 PEDESTRIAN PLAZA
CONCRETE PAVING
NOT TO SCALE



F
6 TYPICAL RETAINING WALL DETAIL
NOT TO SCALE

- A. 10 MIL. POLY LINER CONTINUOUS
- B. FILTER FABRIC
- C. 8" DEPTH OF 4"-8" COBBLE
- D. CONTINUOUS 6" MOWSTRIP
- E. APPROXIMATE EXCAVATION LINE
- F. BACKFILL
- G. DRAINAGE FILL 12" THICK MINIMUM 3/4" ANGULAR GRAVEL
- H. 4" DIAMETER PERFORATED DRAIN PIPE OUTLET AT END OF WALL OR AT 40' CENTERS MAXIMUM
- I. LEVELING PAD 6" MINIMUM THICKNESS 3/4" ANGULAR GRAVEL 95% COMPACTED CRUSHER FINES WITH 1-1/2" LAYER OF FINE SAND TOP LAYER
- J. PLAYGROUND SAND 3" MINIMUM ABOVE LEVELING PAD
- K. VERSA-LOK (DESERT SAND) 6" MODULAR CONCRETE UNIT WALL SYSTEM
- L. 4" CAP UNIT ADHERES TO TOP UNIT WITH VERSA-LOK CONCRETE ADHESIVE



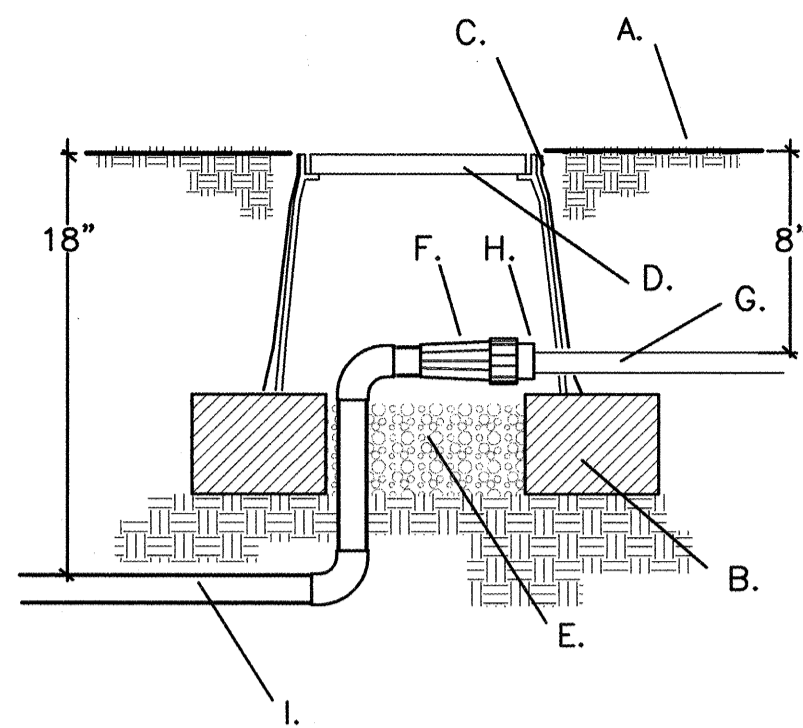
G
6 HANDICAP RAMP DETAIL
NOT TO SCALE

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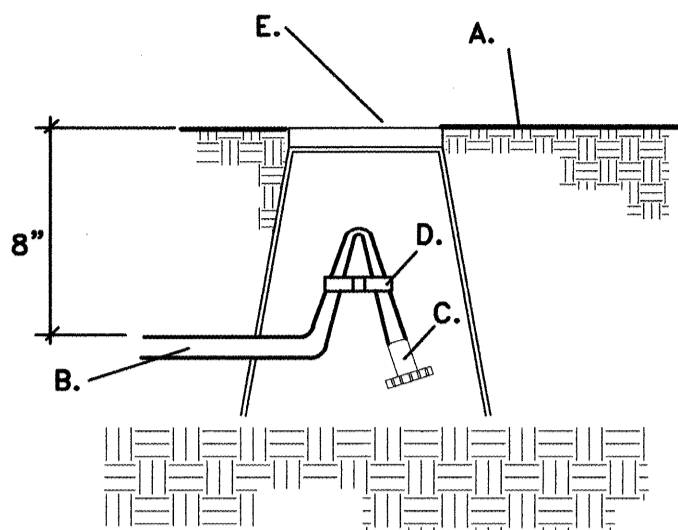
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
LA PALOMA PARK LANDSCAPE IMPROVEMENTS - PHASE 1 SITE DETAILS			
DESIGN REVIEW COMMITTEE	CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
SEP 3 1999	SEP 3 1999		
City Project No. 5617.91		Zone Map No. F-20	Sheet 6 of 7



INLINE PRESSURE REGULATOR

NOT TO SCALE



POLY END CAP

NOT TO SCALE

PLANTING NOTES

- PLANT MATERIAL SUBSTITUTIONS SHALL NOT BE MADE WITHOUT THE WRITTEN PERMISSION OF THE OWNER'S REPRESENTATIVE.
- PLANT MATERIAL QUALITY, SIZE AND CONDITION SHALL BE IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK, 1990 EDITION, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY. ALL PLANTS SHALL HAVE NORMAL, WELL DEVELOPED BRANCHES AND VIGOROUS ROOT SYSTEMS. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM DEFECTS, DISFIGURING KNOTS, ABRASIONS OF THE BARK, SUNSCALD INJURIES, PLANT DISEASES, INSECT EGGS, BORES AND ALL OTHER FORMS OF INFECTIONS.
- UNLESS OTHERWISE STATED ON THE DRAWINGS OR APPROVED BY OWNER'S REPRESENTATIVE, ALL PLANTS SHALL BE NURSERY GROWN AND SHALL BE TAGGED WITH NURSERY LABELS INDICATING SPECIES AND VARIETY.
- BALLED AND BURLAPPED PLANT MATERIAL SHALL HAVE A SOLID BALL OF EARTH OF MINIMUM SPECIFIED SIZE AND HELD IN PLACE SECURELY BY BURLAP AND A STOUT TWINE OR ROPE. BROKEN OR LOOSE BALLS WILL BE REJECTED.
- ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE GUARANTEED FOR THE PERIOD OF ONE YEAR OR ONE GROWING SEASON, WHICHEVER COMES FIRST, BEGINNING ON THE DATE OF FINAL CONTRACT ACCEPTANCE.
- THE OWNER'S REPRESENTATIVE SHALL INSPECT ALL PLANT MATERIAL AT THE CONTRACTOR'S YARD PRIOR TO DELIVERY, DURING PLANTING AND AFTER PLANTING AT THE JOB SITE. AT THE OPTION OF THE CONTRACTOR, THE OWNER'S REPRESENTATIVE WILL INSPECT PLANT MATERIAL AT A WHOLESALE NURSERY OF THE CONTRACTOR'S CHOICE PRIOR TO DELIVERY OF MATERIALS TO THE CONTRACTOR'S YARD.
- THE OWNER'S REPRESENTATIVE SHALL BE THE JUDGE OF THE QUALITY AND ACCEPTABILITY OF ALL PLANT MATERIALS. ALL REJECTED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE MATERIAL AT NO ADDITIONAL COST TO OWNER.
- ALL COLLECTED PLANTS MUST BE PRESENTED ON THE SITE AND SHALL BE IN ACCORDANCE WITH THE NEW MEXICO DEPARTMENT OF AGRICULTURE PLANT PROTECTION ACT, REGULATORY ORDER NO. 4. AND AMERICAN STANDARDS FOR NURSERY STOCK (1990 EDITION).
- CONTRACTOR SHALL RECLAIM ALL DISTURBED AREAS AS PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS. RECLAMATION SEEDING SHALL BE INCIDENTAL TO CONTRACT.

SOIL TEST RESULTS/RECOMMENDATIONS

IRRIGATION NOTES

GENERAL

- WORK UNDER THIS SECTION CONSISTS OF INSTALLING A COMPLETE UNDERGROUND IRRIGATION SYSTEM AS SHOWN ON THESE PLANS, DETAILS AND SPECIFICATIONS. THE CONTRACTOR PERFORMING THIS WORK SHALL FURNISH ALL LABOR, EQUIPMENT, MATERIALS AND PERMITS NECESSARY FOR THE COMPLETION OF THE IRRIGATION SYSTEM, EXCEPT FOR THOSE COMPONENTS SPECIFIED TO BE FURNISHED BY OTHERS.
- THE CONTRACTOR SHALL BE FAMILIAR WITH THESE PLANS, DETAILS AND SPECIFICATIONS AS THEY PERTAIN TO THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER'S REPRESENTATIVE OF ANY ITEMS THAT ARE IN CONFLICT WITH THE PROPOSED CONTRACT.
- EXISTING UTILITY LINES ARE TO BE BLUE STAKED PRIOR TO EXCAVATION FOR IRRIGATION LINES AND EQUIPMENT. CHECK AND FIELD VERIFY ALL SITE CONDITIONS, UTILITIES AND SERVICES PRIOR TO TRENCHING. CALL N.M. ONE CALL AT 260-1990 FOR BLUE STAKING.
- CONSTRUCTION AREAS ARE NOTED ON DRAWINGS. AT NO TIME SHALL CONTRACTOR PERFORM WORK OR DISTURB AREAS BEYOND RIGHT OF WAY LIMIT.
- ALL PLANT MATERIALS SHALL BE IRRIGATED WITH AUTOMATIC IRRIGATION SYSTEMS AS PER PLANS, DETAILS AND SPECIFICATIONS UNLESS OTHERWISE INDICATED ON THE DRAWING.
- ALL PLANT MATERIALS INSTALLED SHALL HAVE THE AUTOMATIC IRRIGATION SYSTEM FULLY OPERABLE AT THE TIME OF PLANT INSTALLATION.
- WHERE TREES, LIGHT STANDARDS, ETC. ARE AN OBSTRUCTION OF PIPING AND DRIP EMITTERS, THEY SHALL BE ADJUSTED AND/OR RELOCATED AS NECESSARY TO OBTAIN FULL COVERAGE WITHOUT EXCESSIVE OVERFLOW.
- CONTRACTOR SHALL FLUSH ALL LINES PRIOR TO INSTALLING HEADS AND EMITTERS.
- PLANS ARE DIAGRAMMATIC AND APPROXIMATE DUE TO SCALE OF DRAWINGS. WHERE EVER APPLICABLE, PLACE MAINLINE AND LATERAL PIPING WITHIN TWO(2) FEET OF SIDEWALK. ALL VALVES SHALL BE LOCATED IN PLANTING AREAS WHERE SHOWN AND ALL PIPING SHALL BE INSTALLED PRIOR TO PLANTING. NO TEES, ELLS OR OTHER TURNS IN PIPING SHALL BE LOCATED UNDER PAVING. CAP ALL ENDS HAND TIGHT PRIOR TO BACKFILL. ALL IRRIGATION SHALL BE INSTALLED WITHIN APPLICABLE RIGHT OF WAYS.
- COMPLY WITH REQUIREMENTS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, THE UNIFORM PLUMBING CODE, AND ANY OTHER GOVERNMENTAL BODIES HAVING JURISDICTION.
- REFER TO IRRIGATION DETAILS, SPECIFICATIONS AND MANUFACTURERS RECOMMENDATIONS FOR ALL INSTALLATION PROCEDURES NOT FULLY DESCRIBED ON THE IRRIGATION PLANS.
- ALL BACKFILLING SHALL BE CLEAN MATERIAL FROM EXCAVATION. BACKFILLED TRENCH IS TO BE EVEN WITH EXISTING GRADES AFTER COMPACTION.
- TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO 85% PROCTOR DENSITY.
- ALL VALVES TO BE IN APPROVED VALVE BOXES. LOCATE VALVE BOXES IN GROUPS OF TWO OR THREE AND NEAR WALKWAYS WHEREVER POSSIBLE.
- ALL CONTROLLER WIRING UNDER PAVEMENT SHALL BE SLEEVED WITH EXISTING SCH 40 PVC. CONTROLLER STATIONS SHALL BE WIRED AS PER VALVE LEGEND.
- DEPTH OF BURY SHALL BE 28" TO 30" FOR CONSTANT PRESSURE MAINLINE. 18" TO 20" FOR MAINLINE DOWNSTREAM OF THE MASTERVALVE, AND 18" TO 20" FOR ALL LATERAL LINES.
- ALL TESTING GAUGES AND VALVES AS INSTALLED SHALL BE LABELED AS PER VALVE STATIONS AS SHOWN ON THESE PLANS.
- VALVE BOXES SHALL BE INSTALLED IN PLACE PRIOR TO ANY PRESSURE TESTING TO ENSURE PROPER GRADING.
- THE IRRIGATION SYSTEM IS DESIGNED FOR AN OPERATIONAL RANGE OF 100 PSI. CONTRACTOR SHALL FIELD VERIFY PRESSURE PRIOR TO INITIATION OF CONSTRUCTION. IF PRESSURES ARE NOT WITHIN THIS RANGE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTION ON HOW TO PROCEED

COMPONENTS AND PRODUCTS

- ALL COMPONENTS INSTALLED AS THE UNDERGROUND IRRIGATION SYSTEM ARE TO BE NEW AND IN GOOD WORKING ORDER AND WITHOUT FLAWS UNLESS OTHERWISE INDICATED ON THE PLANS, DETAILS AND SPECIFICATIONS.
- IF THE CONTRACT DRAWINGS AND/OR SPECIFICATIONS DO NOT THOROUGHLY DESCRIBE THE METHOD OR TECHNIQUES TO BE USED FOR INSTALLATION, THEN THE CONTRACTOR SHALL FOLLOW THE INSTALLATION METHODS RECOMMENDED BY THE MANUFACTURER.

WARRANTY AND MAINTENANCE

- THE CONTRACTOR SHALL FURNISH A CERTIFICATE OF WARRANTY AND A GUARANTEE OF WORK AND MATERIALS FOR A ONE YEAR PERIOD FROM DATE OF FINAL ACCEPTANCE. FINAL PAYMENT FOR THE SYSTEM SHALL NOT BE MADE UNLESS THIS CERTIFICATE IS PRESENTED TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM, IN SATISFACTORY WORKING ORDER, DURING THE TIME OF CONTRACT WORK.
- THE CONTRACTOR SHALL BE LIABLE FOR ANY LOSS OR DAMAGE TO ANY WORK OR MATERIALS, SUPPLIES AND EQUIPMENT ON THE JOB SITE CAUSED BY THE CONTRACTOR, ITS EMPLOYEES OR ANY OTHER UNFORESEEN CAUSE UNTIL FINAL ACCEPTANCE OF PROJECT WITH THE OWNER'S REPRESENTATIVE.

SITE FURNISHINGS LIST

PICNIC TABLE
WEBCOAT 40" SQUARE TABLE MODEL T40MAGNAS
INGROUND MOUNT. INSTALL ONE TABLE WITH (4) SEATS
AND ONE TABLE WITH (3) SEATS. COLOR BROWN,
BLACK UNDERSUPPORTS.
OR APPROVED EQUAL
CONTACT: EXERPLAY 281-0151

NOTES
INGROUND MOUNT. INSTALL AS PER
MANUFACTURERS SPECIFICATIONS

BENCH
FUSION COATINGS 6' ULTRA INGROUND BENCH MODEL F1029
COLOR: BROWN TOP WITH
BLACK UNDERSUPPORTS.
OR APPROVED EQUAL
CONTACT: EXERPLAY 281-0151

INGROUND MOUNT. INSTALL AS PER
MANUFACTURERS SPECIFICATIONS

BIKE RACK
BIKE RIB SERIES III MODEL BR6 BROWN
IMBEDDED - POWDER COAT
OR APPROVED EQUAL
CONTACT FUNCTION FIRST BIKE SECURITY
520-322-9626

INSTALL AS PER COA SPECIFICATIONS 1015
COLOR: SAN DIEGO BUFF (DAVIS)

TRASH RECEPTACLE
MODEL RINCONADA III
AS MANUFACTURED BY MATERIALS INC.
OR APPROVED EQUAL

COLOR SAN DIEGO BUFF(DAVIS)
SEE DETAIL D/6
INSTALL AS PER MANUFACTURERS SPECS.

COLOR CONCRETE

SAFETY SURFACE
POURED IN PLACE "TOT TURF"
OR APPROVED EQUAL
AS MANUFACTURED BY EXERPLAY INC.
CONTACT EXERPLAY
(505) 281-0151

2" DEPTH
INSTALL AS PER C.O.A. SPECS.

PLAY EQUIPMENT:

Style: Playbooster Posts: Aluminum Bury Type: Direct Bury Color: Arches, Decks& Posts-Brown
All Other Items- Orange

POSTS

- 2 111404C 132" ALUM. POST
- 1 111404E 116" ALUM. POST
- 11 111404F 108" ALUM. POST

TUNNELS

- 1 119641A WIRE CRAWL TUNNEL

ARCHES

- 2 111406A ARCH FOR 64"-72" DECK (AA2)
- 2 111406C ARCH FOR 32"-40" DECK
- 2 111256A ARCH ROOF (10AA2)

ATTACHMENTS/CONNECTORS

- 1 120873A DISC CHALLENGE 84" 8in DIFF.
- 1 120710A DISC CLIMBER 8" D.B. (AA2)
- 1 120711A DISC CLIMBER 16" D.B. (AA2)
- 1 120712A DISC CLIMBER 24" D.B.(AA2)
- 1 120713A DISC CLIMBER 32" D.B. (AA2)
- 1 123393C FIREPOLE W/PERM 72" DECK(AA2)

DECKS

- 4 111228A SQUARE TENDERDECK (10AA1,10AA2)
- 1 111248G TRANSFER MODULE LEFT 32" DECK
- 2 111231A TRIANGULAR TENDERDECK
- 2 119646A TRIANGULAR TENDERDECK EXTENSION

ENCLOSURES

- 6 111275A HANDLOOP ASSEMBLY (20AA2)**
- 1 116245A PIPE GUARDRAIL
- 1 115228A DRIVER PANEL

SLIDES

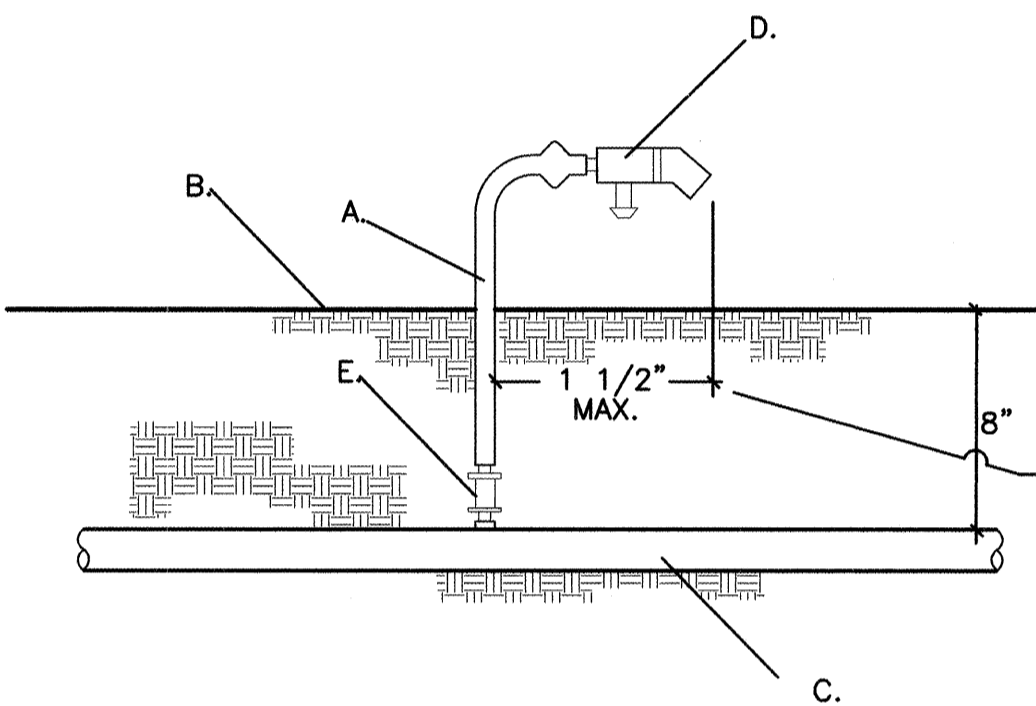
- 1 123331A DOUBLE POLY SLIDE 32" DECK
- 1 111414F SLIDEWINDER 72" DECK (AA2)

BRIDGES

- 1 119289A CLATTERBRIDGE 84" W/HANDRAILS
- 1 123292A BLOCK CLIMB GRND-DK W/PERM HANDL
- 1 122570D CLIFF CLIMBER 72" DECK (AA2)
- 1 123537A CORKSCREW W/PERM 40" DECK
- 1 122914A LOOP ARCH 40" DECK
- 1 123538A LOOP POLE W/PERM 32" DECK
- 2 116249A VERTICAL LADDER 32" DECK (10AA1)
- 1 116247C VERTICAL LADDER - PANEL 40" (AA2)*
- 1 123284A WIGGLE LADDER W/PERM 32" DECK D.
- *** REPLACE W/ SUSPENSION BRIDGE #123386A-FOR AA1

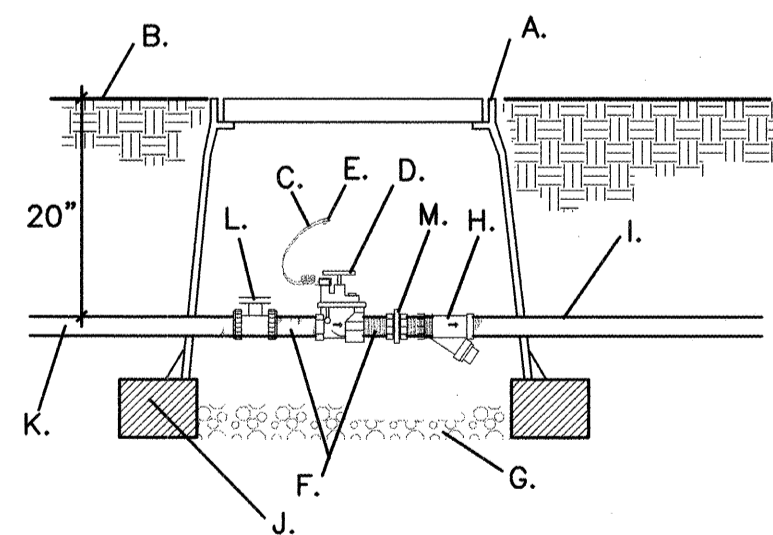
- AA1 ADDITIVE ALTERNATE 1
- AA2 ADDITIVE ALTERNATE 2

- *REPLACE W/ DRIVER PANEL#115228A- FOR AA1
- **REPLACE W/ 10200 PANEL#115227A- FOR AA1



EMITTER/POLY PIPE CONNECTION

NOT TO SCALE



DRIP VALVE/ FILTER ASSEMBLY

NOT TO SCALE

FOR INFORMATION ONLY



5150 A SAN FRANCISCO NE
ALBUQUERQUE, NM 87109
PHONE: 505-822-8200
FAX: 505-822-8282
E-MAIL: mail@sites-sw.com
WEB: www.sites-sw.com

P LANNING
LANDSCAPE ARCHITECTURE
MARKET ANALYSIS

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
LA PALOMA PARK LANDSCAPE IMPROVEMENTS - PHASE 1 IRRIGATION DETAILS, NOTES AND SITE FURNISHINGS LIST			
DESIGN REVIEW COMMITTEE	CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
SEP 3 1999	SEP 3 1999		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
5617.91	F-20	7	7

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 WORK SITE 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. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. OR END WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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. 24 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.

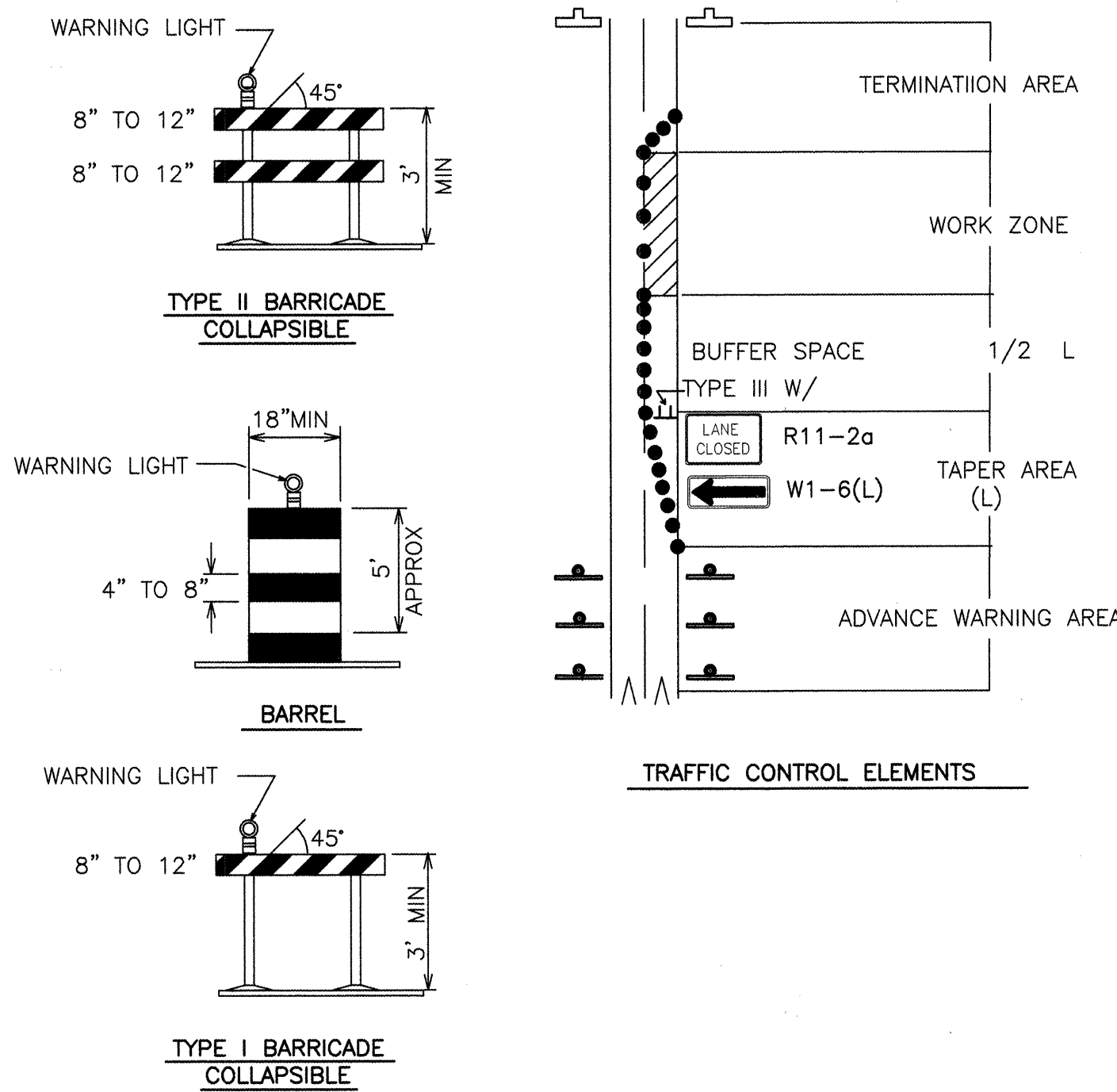
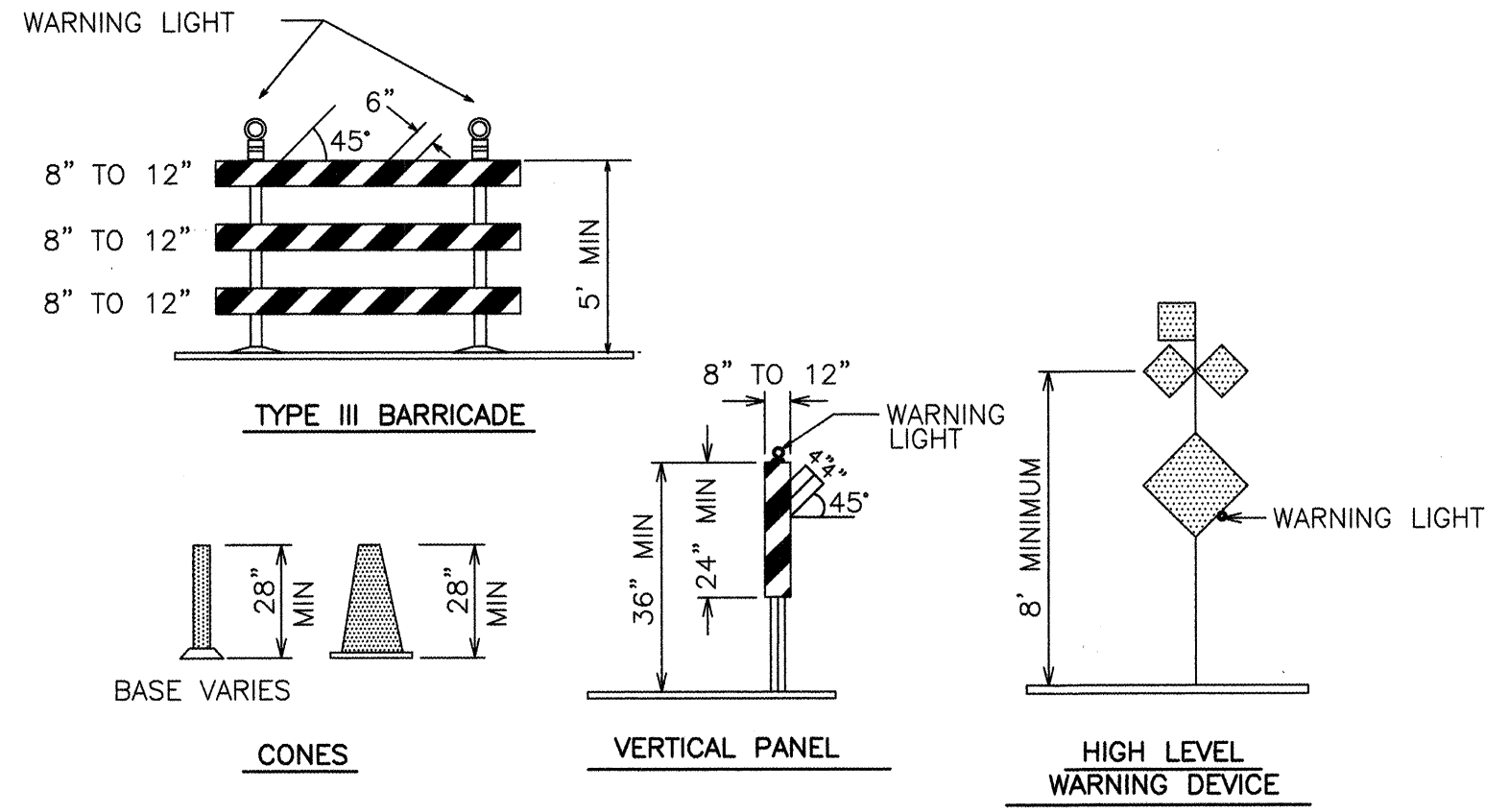
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC 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" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.



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	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

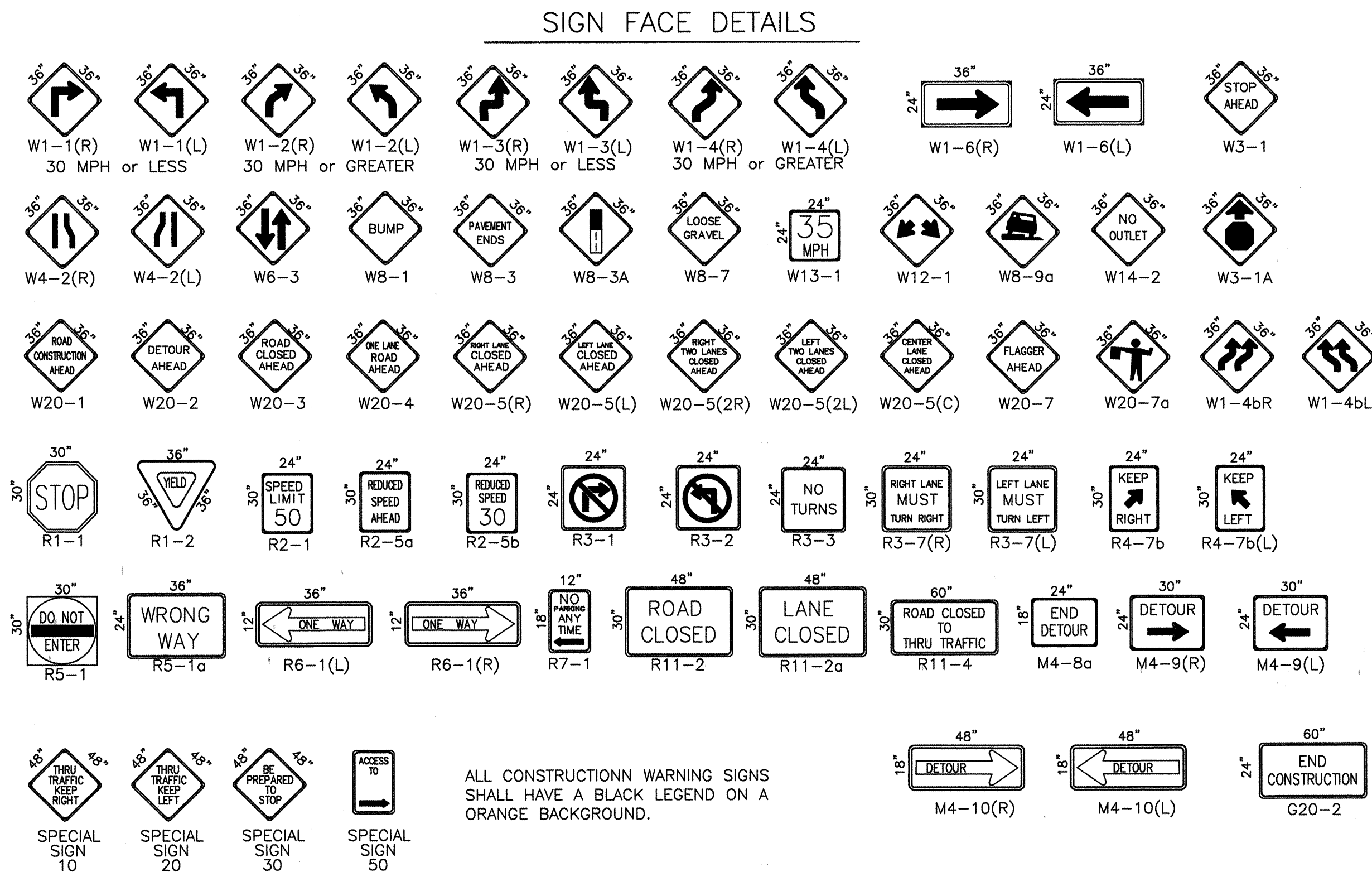
TAPER CRITERIA

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
DOWNSTREAM 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

FOR INFORMATION ONLY



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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LA PALOMA PARK
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5617.91	F-20	T1	T2

