CONSTRUCTION PLANS

FOR

RED ROOF INN

ROAD AND UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE NEW MEXICO OCTOBER 2000

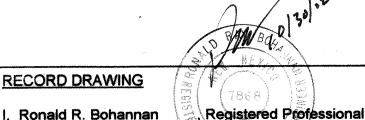


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I, Ronald R. Bohannan Registered Professional Engineer in the State of New Mexico, do hereby certify that this "record drawing" was provided by <u>Field Inspection</u> under my supervision and represents the "record" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

00440-00000-01251 00440-00000-01252

TIERRA WEST, LLC 8509 JEFFERSON NE ALBUQUERQUE, NEW MEXICO 87113 VICINITY MAP NOTICE TO CONTRACTORS 1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR

SU-2 HM

CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.

PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE

WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #6)

ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS 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 OCC-UPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.

6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THIS PLAN SET.

7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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.

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

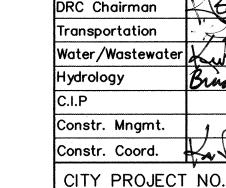
SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB

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

ALL STORM DRAINAGE FACILITIES SHALL BE COM-PLETED PRIOR TO FINAL ACCEPTANCE.

REV SHEETS CITY ENGINEER DATE USER DEPT. DATE USER DEPT. ENGINERS STAMP & SIGNATURE | APPROVALS ENGINEER DRC Chairman Transportation

643181

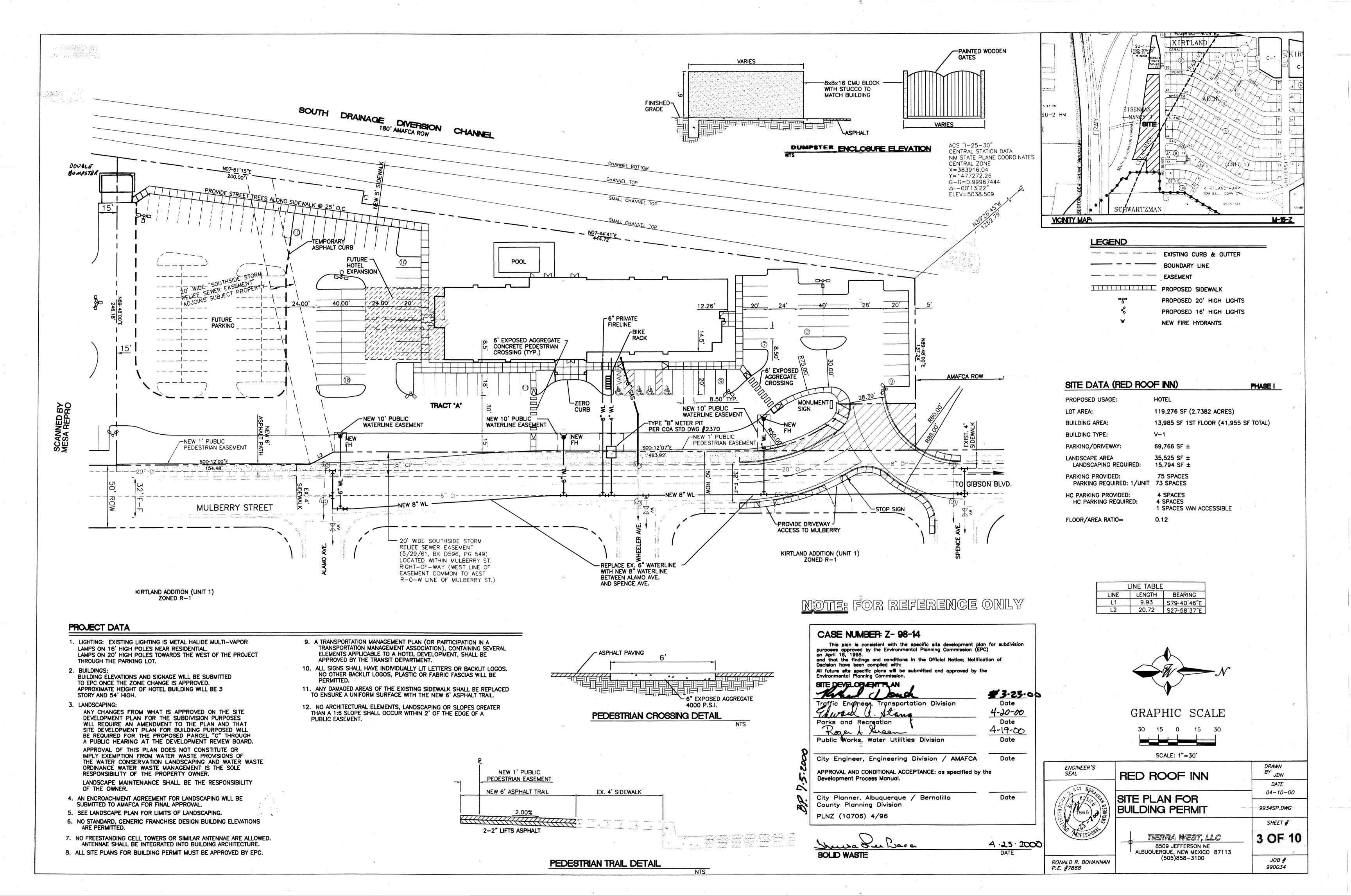


SHEET

OF 10

DRB #1000073

1/990034/9934TITL1.DWG/JDN/10-20-00



DESIGN GUIDELINES SITE DATA-PARCEL 1 (RED ROOF INN) SITE DATA-PARCEL 2 The purpose of these Design Guidelines is to provide a framework to assist developers and designers to understand the Owner's goals and objectives for high quality development. These standards address the issues of landscape, setbacks, pedestrian amenities, screening, lighting, signage, and architecture that will create the visual image desired for the Park. These standards are to be used as a supplement to the City of Albuquerque Comprehensive City Zoning Code and other pertinent City ordinances. These standards shall apply to all properties within the Park. PROPOSED USAGE: PROPOSED USAGE: 130,565 SF (2.9973 ACRES) 84,128 SF (1.9313 ACRES) LOT AREA: LOT AREA: LANDSCAPE CONCEPT The development of an overall landscape concept will establish a framework that unifies the individual sites within the Park. To achieve a totally unified development, all areas of design need to be coordinated and responsive to existing entriciples and local building policies. The landscape concept and the selection of the proper 12,680 SF 1ST FLOOR (38,040 SF TOTAL) 13,499 SF 1ST FLOOR (41,955 SF TOTAL) **BUILDING AREA: BUILDING TYPE:** BUILDING TYPE: V-1 plant materials are extremely important as strong unifying elements for the project. 82,907 SF ± PARKING/DRIVEWAY 49,122 SF ± The following are minimum standards for the development of specific site landscape plans: PARKING/DRIVEWAY: 5-97-78 A minimum of 20 percent of the site area (minus the building square footage) shall be devoted to landscape 21,507 SF ± LANDSCAPE AREA LANDSCAPE AREA materials with an emphasis placed on areas with streetside exposure. LANDSCAPING REQUIRED: 17,683 SF ± 5U-2 HM 10,594 SF ± LANDSCAPING REQUIRED: Seventy-five percent of the required landscape area shall be covered with living vegetative materials. The area and percentage is calculated based on the mature canopy size of all plant materials. 150 SPACES PARKING PROVIDED: 80 SPACES PARKING PROVIDED: PARCEL 4 A minimum of 20 percent of the provided landscape area shall be covered with turf grasses. Areas of turf PARKING REQUIRED: 1/UNIT 100 SPACES PARKING REQUIRED: 1/UNIT 74 SPACES should be located at prominent visual points to create view corridors into specific sites. (UNPLATED) All planting areas not covered with turf shall have a ground topping of crushed rock, river rock, shredded bark, similar material which extends completely under the plant material. 8 SPACES HC PARKING PROVIDED: 4 SPACES HC PARKING PROVIDED: 8 SPACES HC PARKING REQUIRED: 4 SPACES HC PARKING REQUIRED: 1 SPACES VAN ACCESSIBLE Appropriated landscape headers shall be used to separate the turf and groundcover areas. Headers shall be 1 SPACES VAN ACCESSIBLE either 6" x 6" concrete, brick (side by side), or 1/8" x 4" steel construction. floor/area ratio== The landscape treatment at prominent entries and intersections should change in terms of intensity, pattern, texture, scale, or form to highlight these areas. One tree is required for each thirty linear feet of roadway. The required trees should be informally clustered with no more than a fifty foot gap between groupings and shall have a 60/40 mix of deciduous to evergreen trees. K RTLAND PARX In addition to the street trees, one tree for every thirty linear feet of the remaining site perimeter is required. included in this area are the rear and side yard setbacks. To shade and mitigate the negative visual impact of large expanses of pavement, off— street parking areas shall LINE TABLE have one tree for each ten parking stalls with no stall being more than 85 feet from a tree. BEARING LINE LENGTH M-15-Z VICINITY MAP: Seventy—five percent of the required parking area trees shall be deciduous and have a mature height and canopy 9.93 | S79°40°46"E of at least twenty—five feet. An automatic underground irrigation system is required to support all required landscaping. Irrigation components should be checked periodically to ensure maximum efficiency. L2 20.72 S27'58'37"E LEGEND All plant material, including trees, shrubs, groundcovers, turf, wildflowers, etc. shall be maintained by the owner in a living, attractive condition. All areas shall be maintained free of weeds through the use of chemical spray or PEDEBTRIAN CROSSING DETAIL CURVE TABLE SOUTH DRAINAGE DIVERSION 180' AMAFCA ROW pervious filter material and shall be of the size, quantity, and species in the City of Albuquerque's Landscape CURVE LENGTH RADIUS TANGENT DELTA C1 261.48 1035.32 131.44 14°28'13° SIDEWALKS/BIKEWAYS ---- EASEMENT To encourage and enhance the pedestrian nature of the Park, sidewalks and/or bikeways are required in certain areas as an integral element of the streetscape. All streets within the site are required to have sidewalks on at PROPOSED SIDEWALK least one side of the street. Two pedestrian connections are identified on the site plan to physically connect the business park to the surrounding neighborhoods. PROPOSED 20' HIGH LIGHTS 70' AMAFCA ROW SCREENING/WALLS AND FENCES The effective use of screening devices for parking lots, loading areas, refuse collection, and delivery/storage areas is essential to limit their adverse visual impact on surrounding developments. The site orientation of the above service functions shall be away from any street or pedestrian area. The guidelines established in the landscape and statement of the statement of the same and statement of the same area. PROPOSED 16' HIGH LIGHTS NEW FIRE HYDRANTS setback sections will provide the main element to screening objectionable views and activities. Walls and fences will also serve a major screening function within the Park landscape. However, if walls are not required for a specific screening or security purpose, they should not be utilized. The intent is to keep walls and fences as low as possible while performing their screening and security functions. The following are standards to ensure effective screening of negative elements: HOTEL 'A' 12,680 SF Areas for the storage of high profile delivery/transport vehicles shall be screened from adjacent streets and properties with a masonry wall of no less than 5 feet in height above adjacent grade. ACS "1-25-30" CENTRAL STATION DATA All outdoor refuse containers shall be screened within a minimum 6 foot tall masonry enclosure which is large enough to contain all refuse generated between collections. NM STATE PLANE COORDINATES The design and materials for refuse collection enclosures shall be compatible with the architectural theme of the CENTRAL ZONE X = 383916.04Y=1477272.26POOL When security fencing is required, it should be a combination of masonry pillars or short solid wall segments G-G=0.99967444 70.01 combined with decorative wrought iron or similar decorative fencing. (The use of chain link fencing is not **~SINGLE** ELEV=5038.509 #1000073 AMAFCA DUMPSTE Barbed wire or concertina wire will not be allowed. EASEMENT SIDEWALK LIGHTING STANDARDS ADMINISTRATIVE In order to enhance the safety, security and visual aesthetics of the Park, careful consideration must be given to lighting design and features. To ensure a quality development, it is important to consider the daytime appearance of lighting fixtures. The lighting element is another site feature which contributes to the overall character of the red roof **n**n DEVELOPMENT PLAN AMENDMENT NEW 6' SIDEWALK AA-00/3400000 P/253 The following are a few general guidelines to consider for the design of the lighting system: molify divining Individual site lighting standards should blend with the architectural character of molify lot line A design objective of the site lighting system must be to maximize public safety while not affecting adjacent Auto me 10/6/or PEDISTRIANproperties, buildings, or roadways with unnecessary glore or reflection. PARCEL 1 CROSSING The height of parking area lights may range from 20 to 30 feet. PLANNING DIRECTOR **PEDISTR** Area lighting should be used to highlight public spaces and walkways. Area lighting standards may range form 10 to 15 feet in height. The use of walkway level lighting, such as bollord lights or wall pocket lights, is encouraged 1 500.12 Additional landscape lighting is encouraged to enhance certain landscape features. Such lighting should be either ground level "bullet" lights concealed by plant materials, flush mounted "can" lights with waterproof enclosure, or be mounted in trees to "moonlight" areas. SIGNAGE STANDARDS JO/GIBSON BLVD. NEXT TO EX. SIDEWALK PEDESTRIAN EASEMENT These signage standards were developed as reasonable criteria to regulate the size, location, type, and quality of (BUILT BY RED ROOF INN) ______ sign elements within the Park. A properly implemented signage program will serve four very important functions: NEXT TO EX. SIDEWALK MULBETRY ST. to direct and inform employees and visitors; to provide circulation requirements and restrictions; to provide for (BUILT BY PARCEL 2) public safety; and, to complement the visual character of the development. The following are general guidelines for signage design and placement: -20' WIDE SOUTHSIDE STORM All elements of a sign shall be maintained in a visually appealing manner. Free-standing signs shall be designed that do not require any external bracing, angle-iron supports, guy wires or RELIEF SEWER EASEMENT (5/29/61, BK D596, PG 549) similar devices and shall be limited to 20' in height. KIRTLAND ADDITION (UNIT 1) No signage is allowed that uses moving parts, makes audible sounds, or has blinking or flashing lights. LOCATED WITHIN MULBERRY ST ZONED R-All signage shall be designed to be consistent with and complement the materials, color, and architectural style of the building or site location. RIGHT-OF-WAY (WEST LINE OF KIRTLAND ADDITION (UNIT 1) KIRTLAND ADDITION (UNIT 1) EASEMENT COMMON TO WEST ZONED R-No sign shall overhang into the public right-of-way or extend above the building roof line. ZONED R-1 R-O-W LINE OF MULBERRY ST. 0 25 Each building site is limited to one freestanding monument—type sign of no greater than 150 square feet per face and be limited to 20° in height. Individual buildings are allowed one facade mounted sign whose area shall not exceed 15% of the area of the FOR REFERENCE ONLY facade to which it is applied. INDEX TO DRAWINGS PROJECT DATA SITE/ARCHITECTURAL OBJECTIVES SCALE: 1"=50' AMENDED SITE PLAN FOR SUBDIVISION The creation of an active pedestrian environment in the Park is dependent upon creative site and architectural 5. LANDSCAPING: 1. LEGAL DESCRIPTION: CASE NUMBER: Z- 98-14 design. It is the Owner's desire to have the individual sites within the Park linked together as well as the APPROVED SITE PLAN FOR SUBDIVISION ANY CHANGES FROM WHAT IS APPROVED ON THE SITE KIRTLAND ADDITION, UNIT 1, (AN UNPLATTED TRACT OF LAND surrounding neighborhoods. Important to the formation of a pedestrian—oriented development is the relationship between the buildings and the street. Too often buildings are placed in the center of the site and surrounded by This plan is consistent with the specific site development plan for subdivision purposes approved by the Environmental Planning Commission (EPC) on April 16, 1998. DEVELOPMENT PLAN FOR THE SUBDIVISION PURPOSES IN THE NORTHWEST QUARTER OF SECTION 33, TOWNSHIP 10, (FOR REFERENCE ONLY) NORTH, RANGE 3 EAST, NMPM, LOCATED IN THE SOUTHEAST QUADRANT WILL REQUIRE AN AMENDMENT TO THE PLAN AND THAT parking, with no pedestrian connection between the structure and the street. OVERALL LANDSCAPING PLAN SITE DEVELOPMENT PLAN FOR BUILDING PURPOSED WILL Parking areas shall be designed so that pedestrians walk parallel to moving cars. Minimize the need for OF THE GIBSON BOULEVARD/I-25 INTERCHANGE, CONTAINING and that the findings and conditions in the Official Notice: Notification of OVERALL GRADING AND DRAINAGE PLAN BE REQUIRED FOR THE PROPOSED PARCEL "C" THROUGH APPROXIMATELY 10.16 ACRES) pedestrians to cross parking aisles and landscaped islands. Decision have been complied with: AMENDED SITE PLAN FOR BUILDING PERMIT A PUBLIC HEARING AT THE DEVELOPMENT REVIEW BOARD. 2. OVERALL SITE DATA: All future site specific plans will be submitted and Environmental Planning Commission. Pedestrian linkages shall be clearly visible and highlighted with enhanced paving and/or signage. APPROVED SITE PLAN FOR BUILDING PERMIT PROPOSED USAGE: HOTELS APPROVAL OF THIS PLAN DOES NOT CONSTITUTE OR Long stretches of parking facilities adjacent to the streets should be avoided whenever possible. IMPLY EXEMPTION FROM WATER WASTE PROVISIONS OF (FOR REFERENCE ONLY) Structures should be sited, keeping in mind the creation of "outdoor rooms" which may be used for pedestrion activities SITE DEVELOPMENT PLAN LOT AREA: 214,693 SF (4.9286 ACRES) THE WATER CONSERVATION LANDSCAPING AND WATER WASTE LANDSCAPING PLAN All pedestrian paths shall be designed to be accessible to the handicapped (see Americans with Disabilities Act ORDINANCE WATER WASTE MANAGEMENT IS THE SOLE GRADING AND DRAINAGE PLAN BUILDING FOOTPRINT AREA: 26,179 SF RESPONSIBILITY OF THE PROPERTY OWNER. criteria for barrier free design). Traffic Engineer, Transportation Division Date **BUILDING ELEVATIONS** LANDSCAPE MAINTENANCE SHALL BE THE RESPONSIBILITY PARKING/DRIVEWAY: 132,029 SF ± The architectural objective is to create a site that is visually integrated through the use of a few select OF THE OWNER. architectural styles. The recommended styles have many similarities of scale, proportion, massing, and color. Each Date style has common detailing and plan form that is related to the environmental design requirements of the region. Parks and Recreation LANDSCAPE AREA 56,485 SF ± AN ENCROACHMENT AGREEMENT FOR LANDSCAPING WILL BE Common elements and preferred features of these styles include: smooth textured stucco as the primary surface LANDSCAPING REQUIRED: 28,277 SF ± SUBMITTED TO AMAFCA FOR FINAL APPROVAL treatment; the use of earth tone colors, such as white, beige, tan, and sand; and, the limited use of accent colors ADD ACCESS ROAD TO SERVICE PARCELS 1, 2 AND 4 08-03-00 7. SEE LANDSCAPE PLAN FOR LIMITS OF LANDSCAPING. 230 SPACES Public Works. Water Utilities Division Date RRB CHANGE ENTRACE INTO SITE BY SPENCE AVE along with tile or brick. PARKING PROVIDED: 08-03-00 8. NO STANDARD, GENERIC FRANCHISE DESIGN BUILDING ELEVATIONS Additionally, all buildings shall conform to the following requirements: PARKING REQUIRED: 174 SPACES BY DATE REMARKS NO. Buildings and structures erected within the site shall comply with all applicable City of Albuquerque zoning and ARE PERMITTED. **REVISIONS** building code requirements as well as other local applicable codes. City Engineer, Engineering Division / AMAFCA Date HC PARKING PROVIDED: 12 SPACES Building design and construction shall be used to create a structure with attractive sides of high quality, rather than placing all emphasis on the front elevation of the structure and neglecting or downgrading the aesthetic appeal of the side and rear elevations. Finished building materials must be applied to all exterior sides of buildings and 9. NO FREESTANDING CELL TOWERS OR SIMILAR ANTENNAE ARE ALLOWED. HC PARKING REQUIRED: 12 SPACES DRAWN ANTENNAE SHALL BE INTEGRATED INTO BUILDING ARCHITECTURE. **ENGINEER'S RED ROOF INN** 2 SPACE VAN ACCESSIBLE APPROVAL AND CONDITIONAL ACCEPTANCE: as specified by the JDN structures. Any accessory buildings and enclosures, whether attached or detached from the main building, shall be 10. ALL SITE PLANS FOR BUILDING PERMIT MUST BE APPROVED BY EPC. FLOOR/AREA RATIO= Development Process Manual. 11. A TRANSPORTATION MANAGEMENT PLAN (OR PARTICIPATION IN A DATE of similar compatible design and materials. **AMENDED** 3. LIGHTING: EXISTING LIGHTING IS METAL HALIDE MULTI-VAPOR Entries to structures should portray a quality office appearance while being architecturally tied into the overall TRANSPORTATION MANAGEMENT ASSOCIATION). CONTAINING SEVERAL 08-21-00 LAMPS ON 16' HIGH POLES NEAR RESIDENTIAL. ELEMENTS APPLICABLE TO A HOTEL DEVELOPMENT, SHALL BE Date City Planner, Albuquerque / Bernalillo SITE PLAN FOR Windows and doors are key elements of any structure's form and should relate to the scale of the elevation on LAMPS ON 20' HIGH POLES TOWARDS THE WEST OF THE PROJECT APPROVED BY THE TRANSIT DEPARTMENT. County Planning Division which they appear. The use of recessed openings help to provide depth and contrast on elevation planes. 99340VSPA.DWG THROUGH THE PARKING LOT. SUBDIVISION 12. ALL SIGNS SHALL HAVE INDIVIDUALLY LIT LETTERS OR BACKLIT LOGOS. Sensitive alteration of colors and materials can produce diversity and enhance architectural forms. 4. BUILDINGS: PLNZ (10706) 4/96 NO OTHER BACKLIT LOGOS, PLASTIC OR FABRIC FASCIAS WILL BE 7868 Wall materials should be chosen that will withstand abuse by vandals, easily repaired, or accidental damage by machinery. BUILDING ELEVATIONS AND SIGNAGE WILL BE SUBMITTED SHEET # All rooftop equipment shall be screened from the public view by materials of the same nature as the building's TO EPC ONCE THE ZONE CHANGE IS APPROVED. 13. ANY DAMAGED AREAS OF THE EXISTING SIDEWALK SHALL BE REPLACED basic materials. Roof treatment for all buildings shall be complementary; building roofs shall have one or more common APPROXIMATE HEIGHT OF HOTEL BUILDING WILL BE 3 3A OF 10 TIERRA WEST, LLC elements including similar colors, materials and/or pitch angle. TO ENSURE A UNIFORM SURFACE WITH THE NEW 6' ASPHALT TRAIL. STORY AND 54' HIGH. UTILITIES 8509 JEFFERSON NE To mitigate the negative visual image presented by some utility equipment and to ensure the overall aesthetic quality of the Park: 14. NO ARCHITECTURAL ELEMENTS, LANDSCAPING OR SLOPES GREATER ALBUQUERQUE, NEW MEXICO 87113 SOLID WASTE THAN A 1:6 SLOPE SHALL OCCUR WITHIN 2' OF THE EDGE OF A (505)858-3100 JOB

PUBLIC EASEMENT.

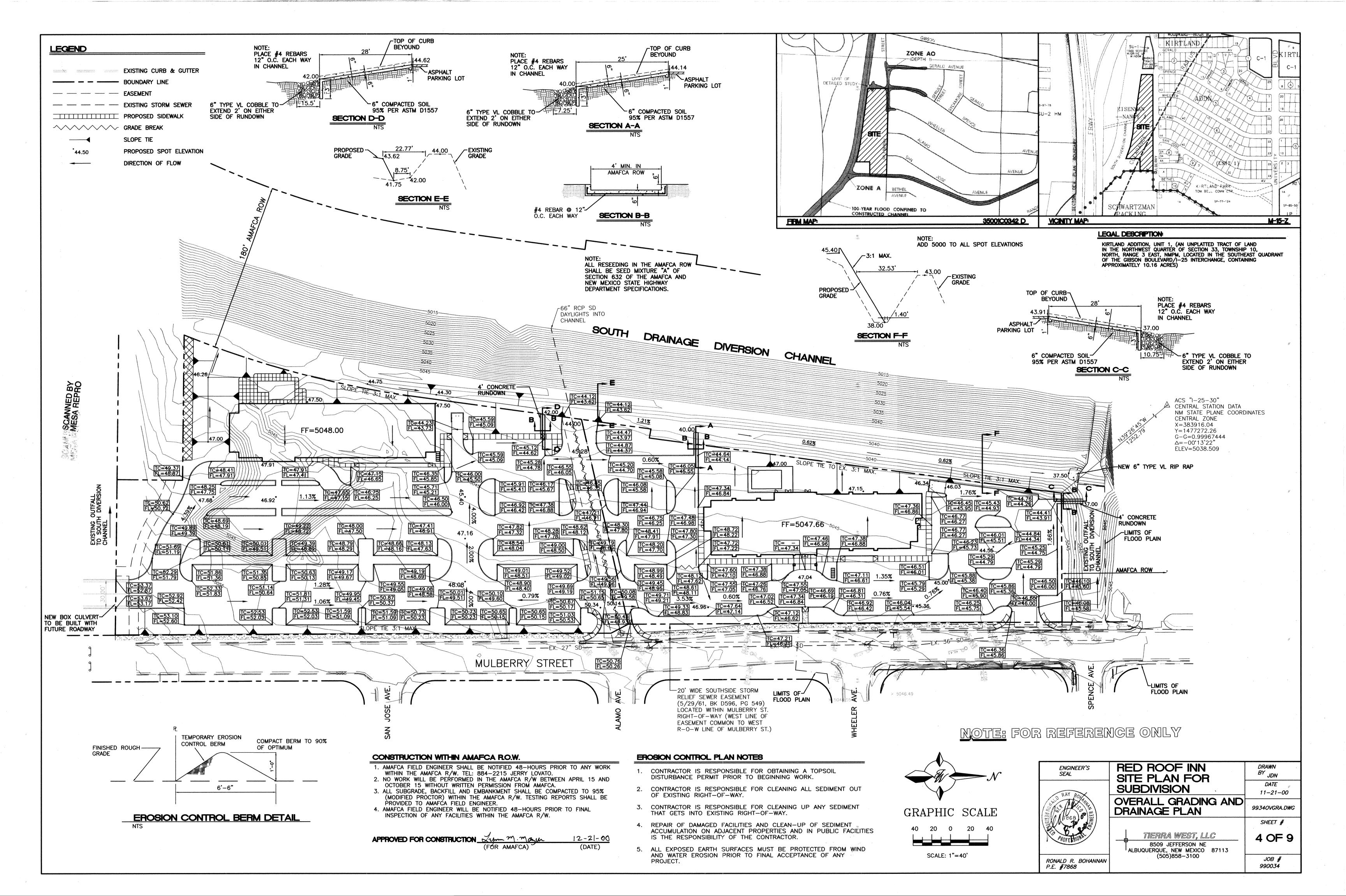
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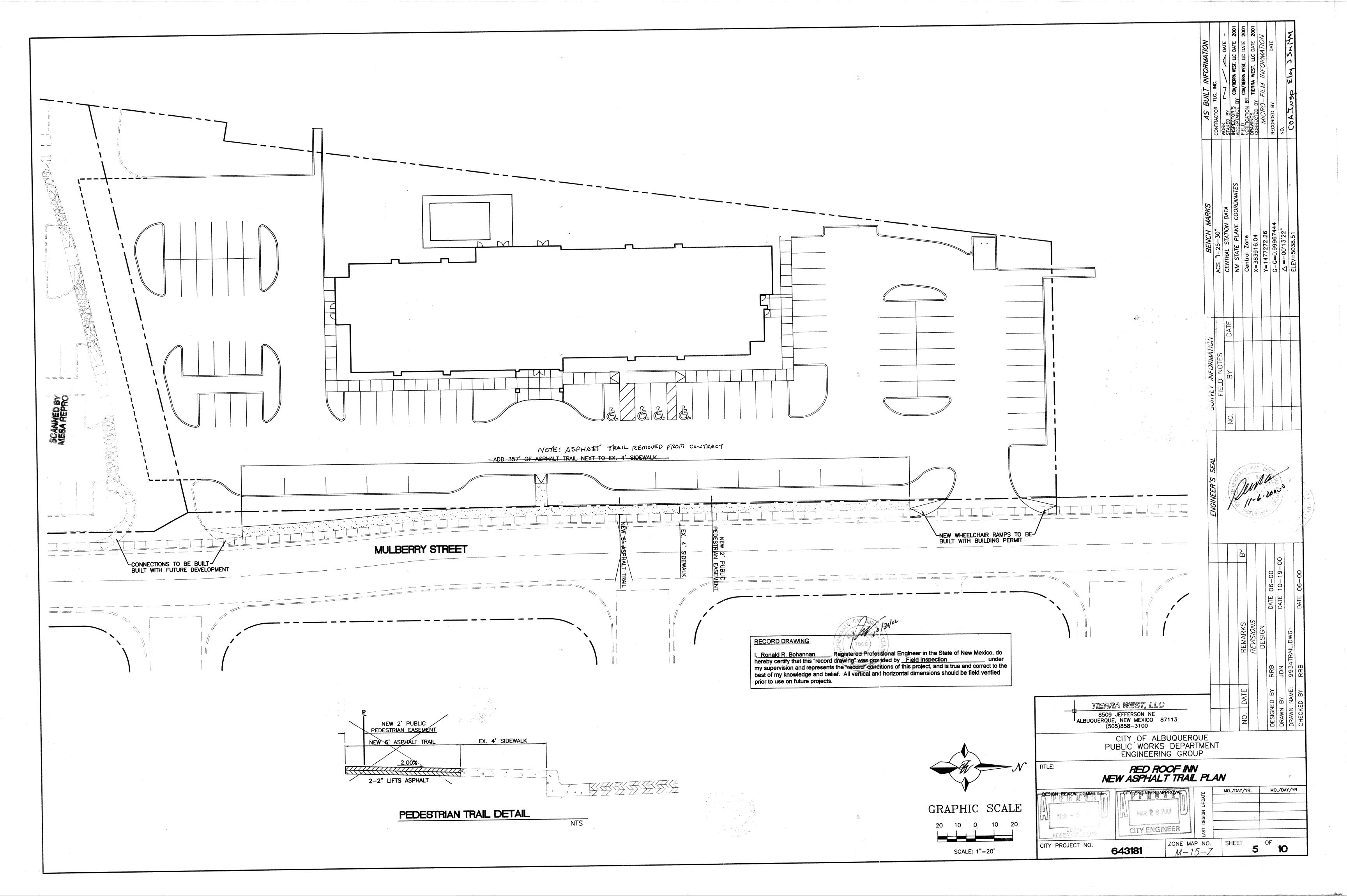
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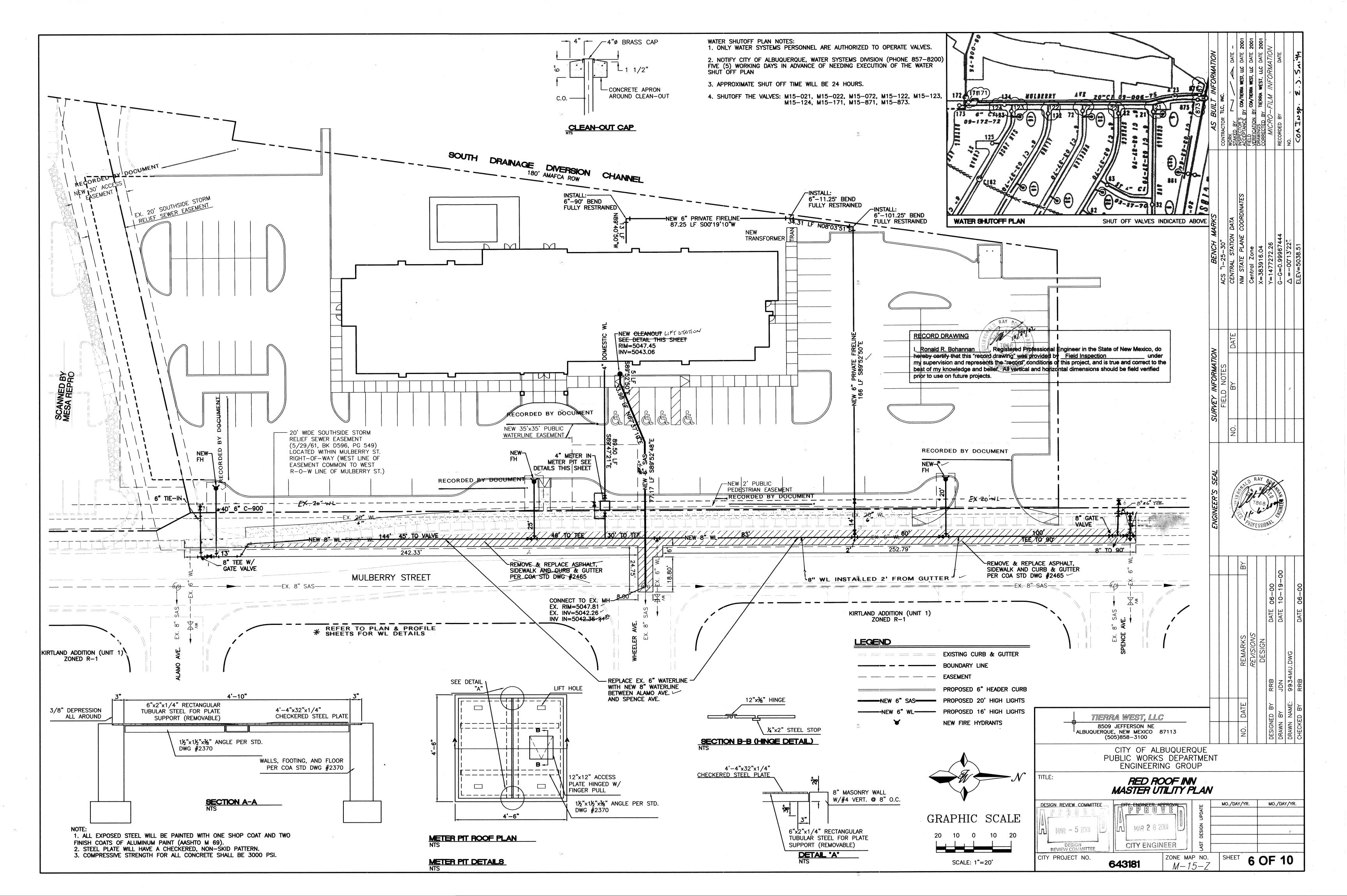
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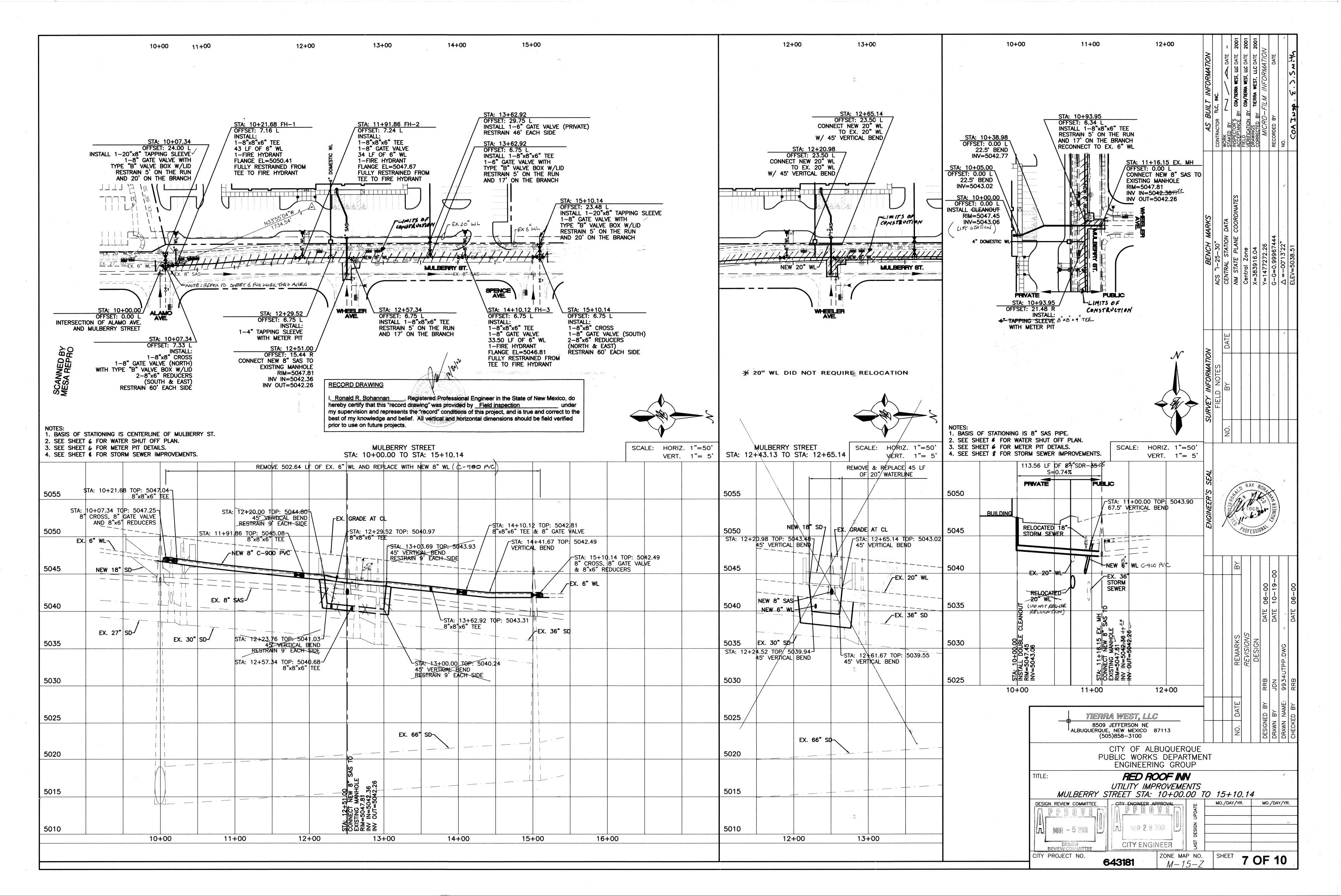
All electric distribution lines within the Park shall be placed underground.

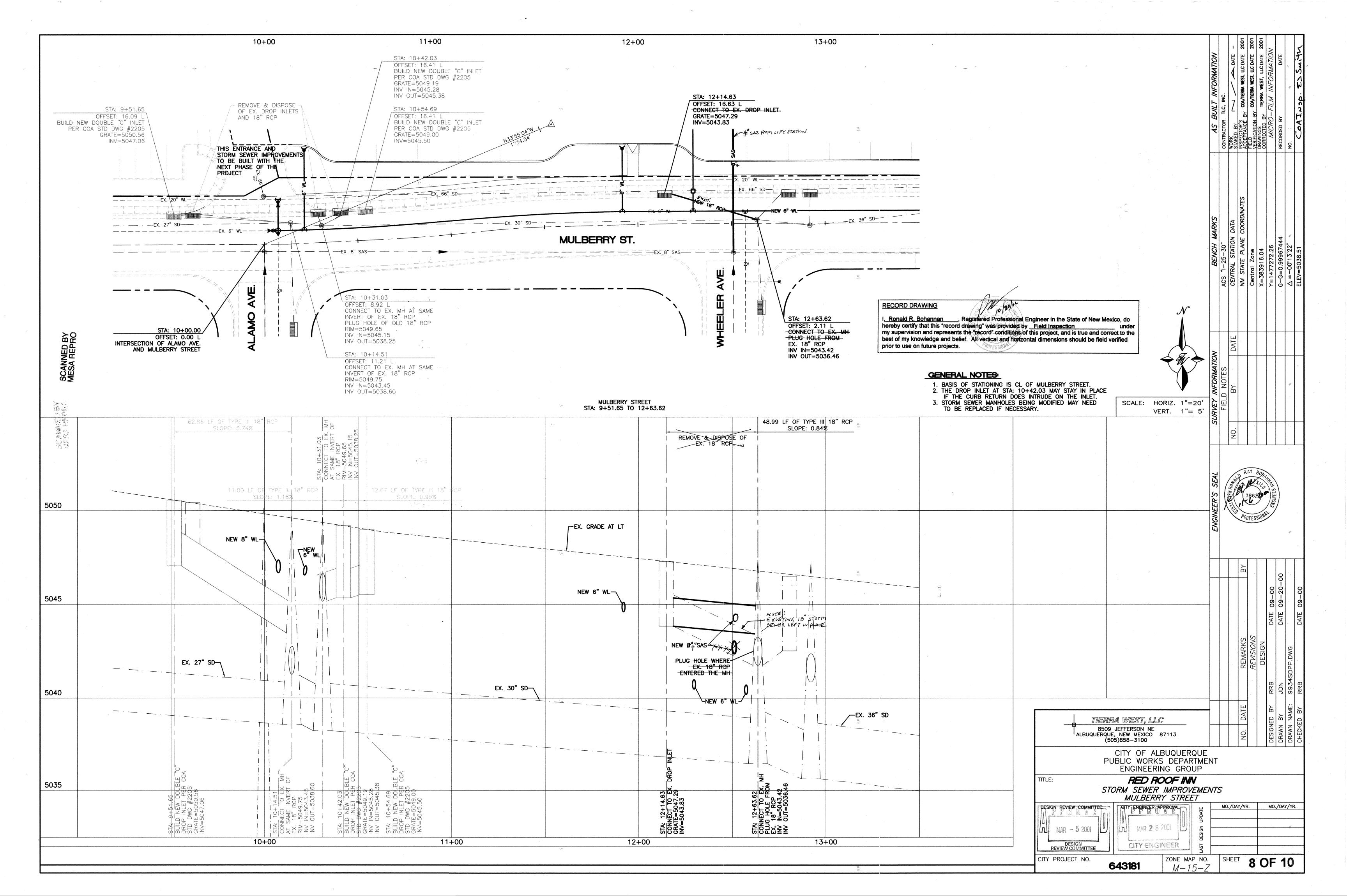
Transformers, utility pads, and telephone boxes shall be appropriately screened with walls and/or vegetation when viewed from the public right—of—way.





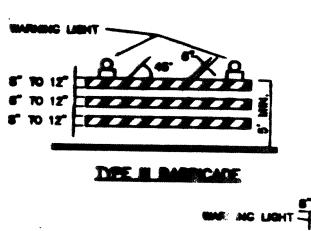


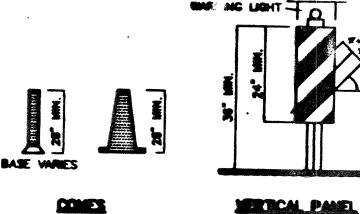


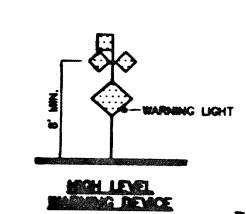


- 2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED 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 MUTCH, 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 ROAD WAYS 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 OVERSONE WEEK DURATION.
- 13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THES 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.
- 48. 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 MUTCH, 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
- 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 HEIGTH 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

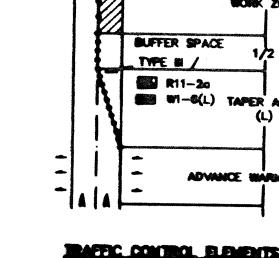
WORK AREA

BARRICADE - TYPE I. TYPE II. OR BARREL BARRICADE - TYPE M VERTICAL PANEL 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 SPEED LIMIT OF THE STREET TAPER LENGTH - SEE CHART BELOW

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

8° 10 12 22 22 2 8 10 12 DESCRIPTION DEEL BARRICADE



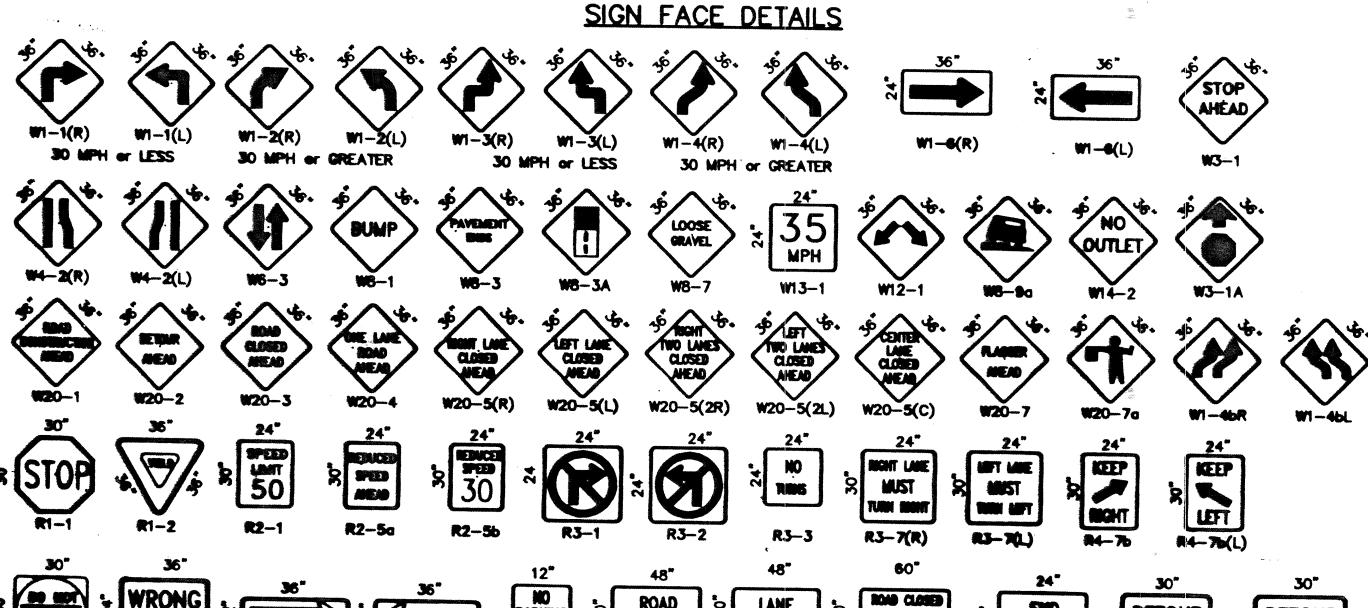
SPEED UMIT (MPH) BUFFER SPACE 20 TYPE M / 25 ED R11-20 WI-G(L) TAPER AREA 30 **3**5 45 50

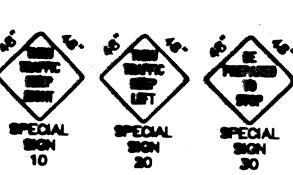
TAPER LENGTH (L) | MINIMUM | MAXIMUM DEVICE

TAPER REQUIREMENTS

NUMBER SPACING IN FEET 12' DEVICES ALONG AFTER TAPER TAPER LANE LANE 70 75 80 20 105 115 125 25 150 165 180 30 205 225 245 270 295 320 40 450 495 540 45 500 550 600 50 50 **5**5 550 605 660 13 **5**5

6 10 12 CARAGE



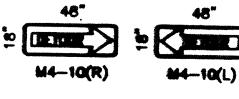


SPECIAL

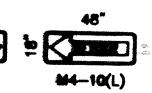
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

CLOSED

CLOSED



R11-4





CONSTRUCTION

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES MINIMUM DISTANCE IN FEET

MILES PER HOUR	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		

The same

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 45 MPH OR GREATER

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

L = TAPER LENGTH

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP TITLE: SIGNAID AND CONSTRUCTION TO A SHARING

COURTE AND CONSTRUCTION TRAFFIC CONTROL STANDARDS					
DESIGN REVIEW COMMITEE	CITY ENGINEER APPROV		AND AVAIR.	BO ZEATZ R.	
COP.	STV	UPDATE			
		LAST	,		
PROJECT 10.	MAI NO.		SHEET 9	OF 10	

