

LANDSCAPE NOTES: Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain street trees in a living, healthy, and attractive condition.

It is the intent of this plan to comply with the City Of Albuquerque Water Conservation Landscaping and Water Waste Ordinance planting restriction approach. Approval of this plan does not constitute or imply exemption from water waste provisions of the Water Conservation Landscaping and Water Waste Ordinance.

Water management is the sole responsibility of the Property Owner. All landscaping will be in conformance with the City of Albuquerque Zoning Code, Street Tree Ordinance, Pollen Ordinance, and Water Conservation Landscaping and Water Waste Ordinance. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

Plant beds (pervious area) shall achieve 75% live ground cover at maturity.

Santa Ana Tan Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all Pervious landscape areas which are not designated to receive native

IRRIGATION NOTES FOR PHASE 2:

Irrigation shall be a complete underground system with Trees to receive 1 Netafim spiral (50' length) with 3 loops at a final radius of 4.5' from tree trunk, pinned in place. Netafim shall have emitters 12" o.c. with a flow of .6 gph. Shrubs to receive (2) 1.0 GPH Drip Emitters. Drip and Bubbler systems to be tied to 1/2" polypipe with flush caps at each end. Trees and shrubs shall be on separate valves.

Common area irrigation shall be tied to the Master Clournal Center 2 common area irrigation system.

Run time per each shrub drip valve will be approximately 15 minutes per day. Tree drip valve shall run 1.5 hours, 3 times per week. Run time will be adjusted according to the season.

Point of connection for irrigation system is unknown at current time and will be coordinated in the field. Irrigation will be operated by automatic controller.

Location of controller to be field determined and power source for controller to be provided by others.

Irrigation maintenance shall be the responsibility of the Property Owner.

Water and Power source shall be the responsibility of the Developer/Builder.

PHASE ONE IRRIGATION NOTES:

Irrigation is a complete underground system with Trees supplied with (5) 1.0 GPH Drip Emitters and Shrubs supplied with (2) 1.0 GPH Drip Emitters. Drip and Bubbler systems tied to 1/2" polypipe with flush caps at each end.

TLANI LEGENU

BERINDA ASH

PARKSTRIP)

BERINDA ASH (H) Fraxinus SPP. 2" Cal. (PER THE JOURNAL CENTER REQUIREMENTS FOR STREET TREE

CHINESE PISTACHE (M) 6 Pistachia chinensis

TREE PLANTING DETAIL

TO PREVENT TREE FROM SETTLING.

TREE AND THE PLANTING PIT.

B. BACKFILL WITH EXISTING SOIL

C. 3" DEPTH OF GRAVEL MULCH.

TOTAL PHASE 2 BUILDING AREA

TOTAL LANDSCAPE REQUIREMENT

TOTAL GROUNDCOVER REQUIREMENT

TOTAL GROUNDCOVER PROVIDED

(max. 20% of landscape required)

TOTAL LANDSCAPE PROVIDED IN PHASE 2

LANDSCAPE REQUIREMENT

TOTAL BED PROVIDED

TOTAL PONDING AREA

TOTAL NATIVE SEED AREA

TOTAL SOD AREA

GROUNDCOVER REQ.

CONSTRUCTION NOTES:

D. UNDISTRUBED SOIL.

TOTAL PHASE 2 AREA

NET LOT AREA

. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL

TREE WAS GROWN AND DUG: THIS REPRESENTS THE LEVEL

AT WHICH THE TREE SHOULD BE INSTALLED; THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL.

3. PRIOR TO BACKFILLLING TREE, ALL MIRE, ROPE AND

SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE

4. PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT

LANDSCAPE CALCULATIONS

AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

2. TOP OF ROOTCOLLAR INDICATED LEVEL AT WHICH

GENERAL NOTES:

THORNLESS HAWTHORN (M+) 5 Crataegus crus-galli inermis

SOTOL 75 Dasylirion wheeleri

MUGO PINE (M) 57 Pinus mugo 5 Gal. 36sf

WINTER JASMINE (L+) 90 Jasminum nudiflorum 5 Gal.

URLLEAF MTN MAHOGANY (L) 53 Carcorpus ledfolius 5 Gal. 1005F

GREYLEAF COTONEASTER 60 Cotoneaster buxifolius 5 Gal. 81sf

THREE-LEAF SUMAC (L) 25 Rhus trilobata 5 Gal. 365f

SHRUB PLANTING DETAIL

RETENTION BASIN SHALL BE TWICE THE DIAMETER

C. EARTH BERM AROUND WATER RETENTION BASIN.

1. THE OUTSIDE DIAMETER OF THE WATER

GENERAL NOTES:

E. FINISH GRADE. F. UNDISTURBED SOIL.

square feet

33165 (21%) square feet

A. SHRUB.

190370

34422

155948

15%

23392

75%

Should The Hilltop not receive a Grading and Drainage plan

during the design process or the on site grades differ

from the Grading and Drainage plan received. The Hilltop

reserves the right to apply slope stabilization materials

addressed as an infield-change order.

where the specified gravel will not be suitable. This will be

24873

33165 (21%)

25972 (78%)

OF THE SHRUB PLANTING PIT.

B. BACKFILL WITH EXISTING SOIL.

D. 3" DEPTH OF GRAVEL MULCH.

CONSTRUCTION NOTES:

APACHE PLUME (L) 31

42sf

Fallugia paradoxa

ARP ROSEMARY (M) 75 Rosmarinus officianalis

POWIS CASTLE SAGE (L) 45 Artimesia x powis castle 5 Gal. 25sf

AUTUMN SAGE (M) 33 Salvia greggii

LAVENDER (M) 57 Lavandula angustifolia

5 Gal.

THREADGRASS (M) 64 Stipa tennuisima 1 Gal.

WILDFLOWER 1 Gal.

ENGLISH IVY (M) 6 Hedera helix 1 Gal.

CORAL HONEYSUCKLE (M) 6 Lonicera sempervirens

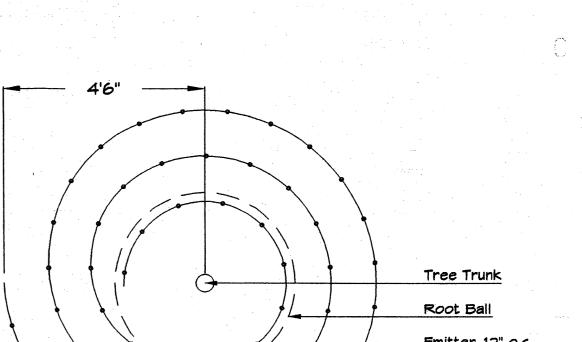
LADY BANKS ROSE (M) 6 Rosa banksiae

BOULDERS WITH OVERSIZED GRAVEL ACCENT (41)

SANTA FE BROWN GRAVEL WITH FILTER FABRIC

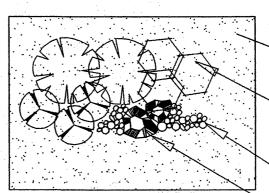
OVERSIZED GRAVEL WITH FILTER FABRIC

EXISTING LANDSCAPING



Netafim Spiral Detail

GRAVEL ACCENT DETAIL

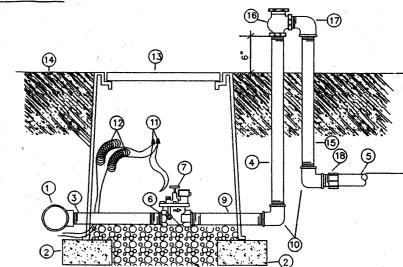


GRAVEL TYPE PER PLAN

PLANTING PER PLAN

OVERSIZED GRAVEL ACCENT AT EVERY BOULDER CLUSTER 40-50 SQUARE FEET

BOULDER



) CMU BLOCK GALVANIZED NIPPLE 24" TO 36" GALVANIZED NIPPLE) LATERAL PIPE REDUCER BUSHING AUTOMATIC VALVE (SEE LEGEND) GRAVEL) GALVANIZED NIPPLE

GALVANIZED STREET ELL

VACUUM BREAKER

STREET TREE REQUIREMENTS - Minimum 2" Caliper

Street trees required under the City Of Albuquerque Street Tree Ordinance are as follows:

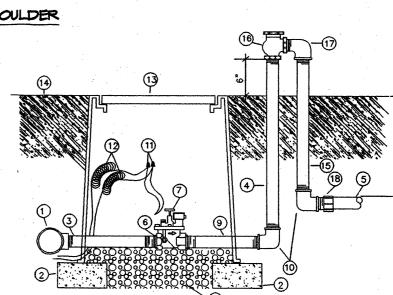
Name of Street: RUTLEDGE Required 8 Provided 8 (6 NEW 2 EXISTING)

Name of Street: MASHINGTON Required 16 Provided 16 EXISTING

PARKING LOT TREE REQUIREMENTS - Minimum 2" Caliper

Shade trees required under the City Of Albuquerque Parking Lot Tree Ordinance are as follows:

1 Shade tree per 10 spaces Required # Provided #



1) MAINLINE FITTING WATERPROOF WIRE CONNECTOR WIRE EXPANSION LOOPS (10) GALVANIZED ELBOW

VALVE BOX FINISH GRADE GALVANIZED NIPPLE - 18" TO 24" LENGTH ATMOSPHERIC VACUUM BREAKER 18) TOE NIPPLE OR MALE ADAPTER

AUTOMATIC VALVE W/ ATMOSPHERIC

ARCHITECTS - PLANNERS - AIA

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ARCHITECT

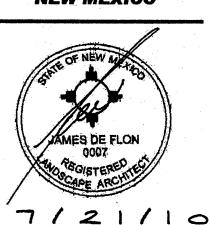
CONSULTANT

Cont. Lic. #26458 7909 Edith N.E. Albuquerque, NM 87184 Ph. (505) 898-9690 Fax (505) 898-7737

PROJECT TITLE

USFS PHASE II **ALBUQUERQUE** SERVICE CENTER HUMAN RESOURCES

> **ALBUQUERQUE NEW MEXICO**



REVISIONS: 4 7-21-10 site revision -cmj 3 6-17-10 site revision -cmi 2 6-4-10 site revision -cmi 1 5-17-06 site revision -adf MK DATE DESCRIPTION

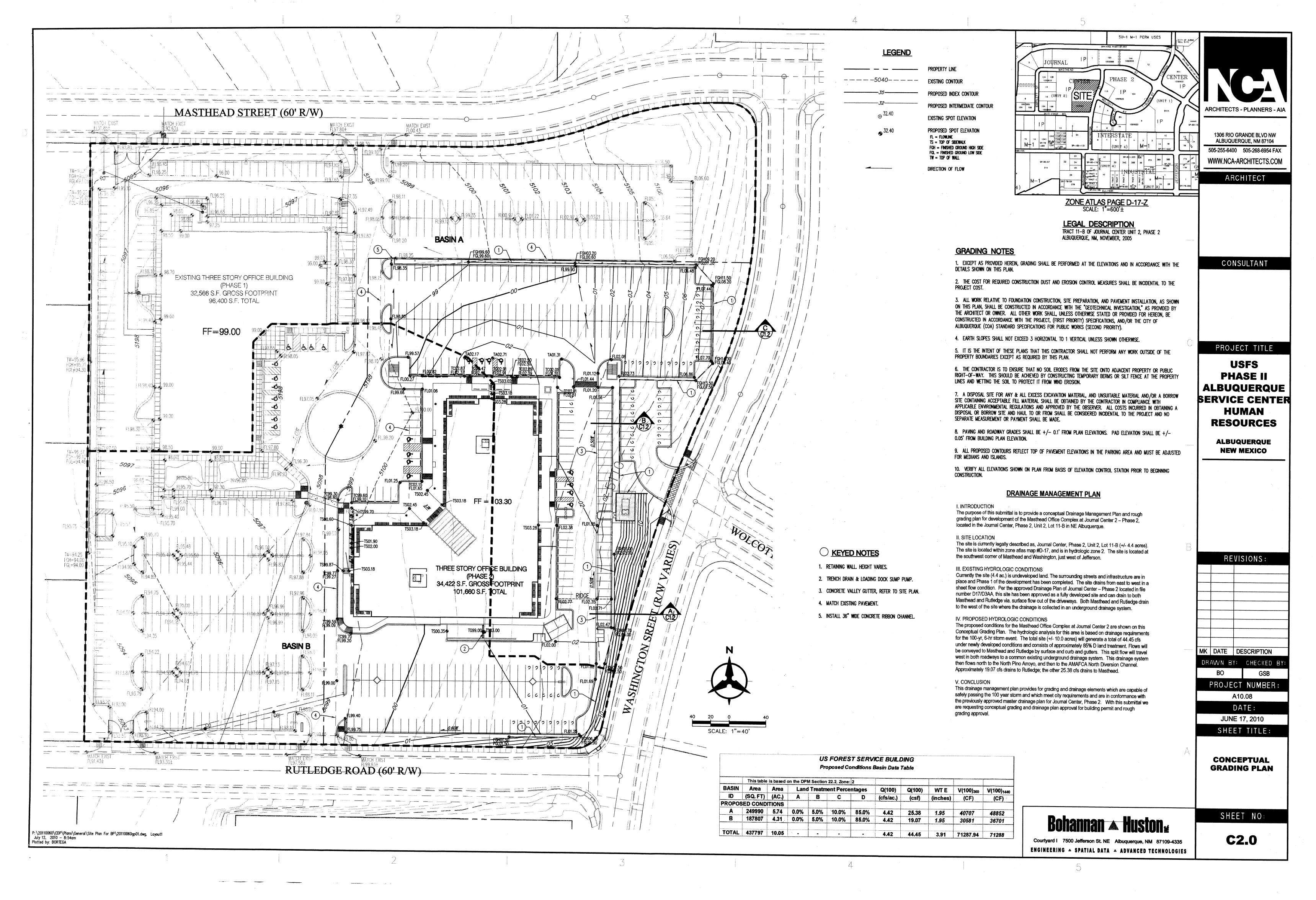
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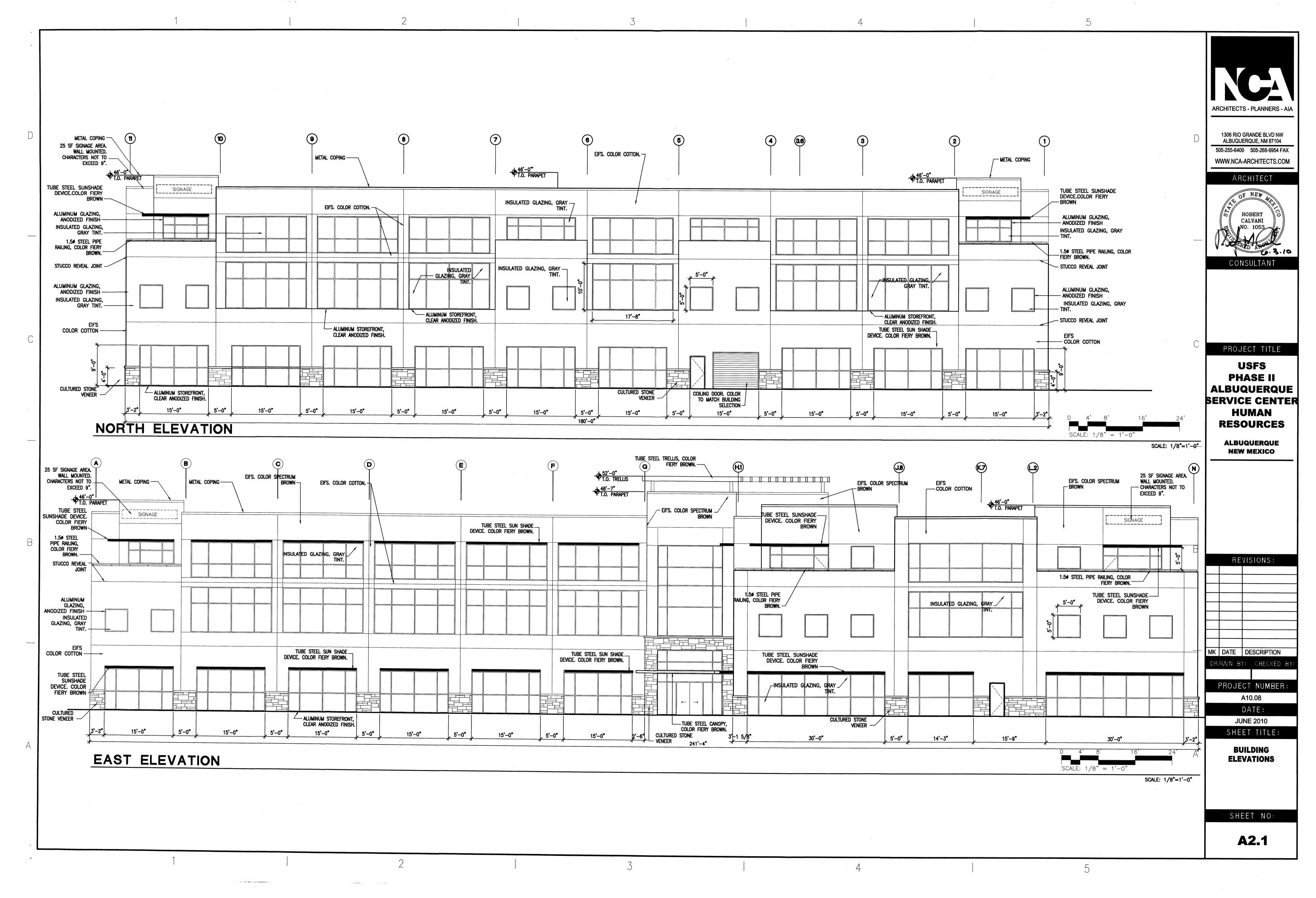
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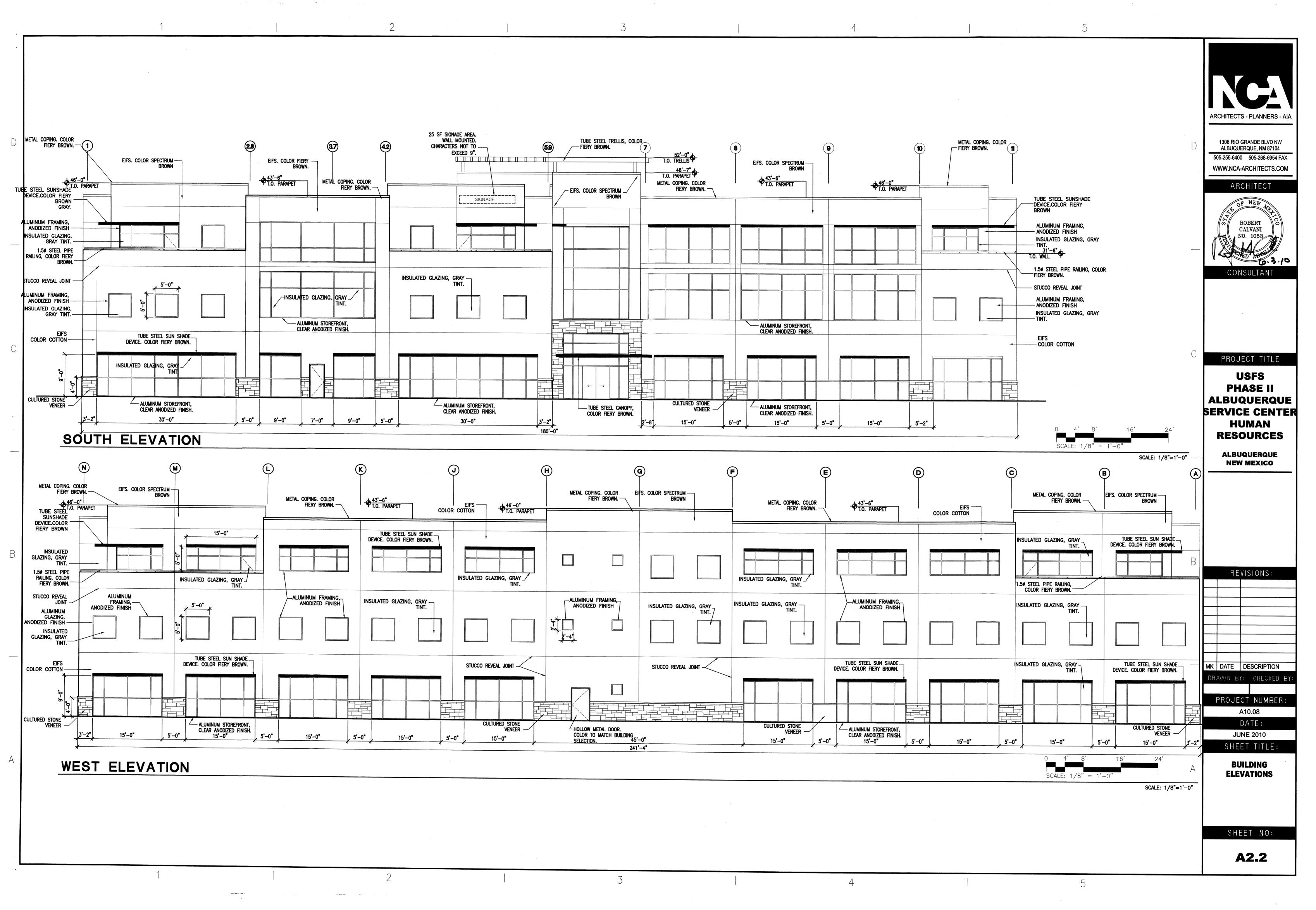
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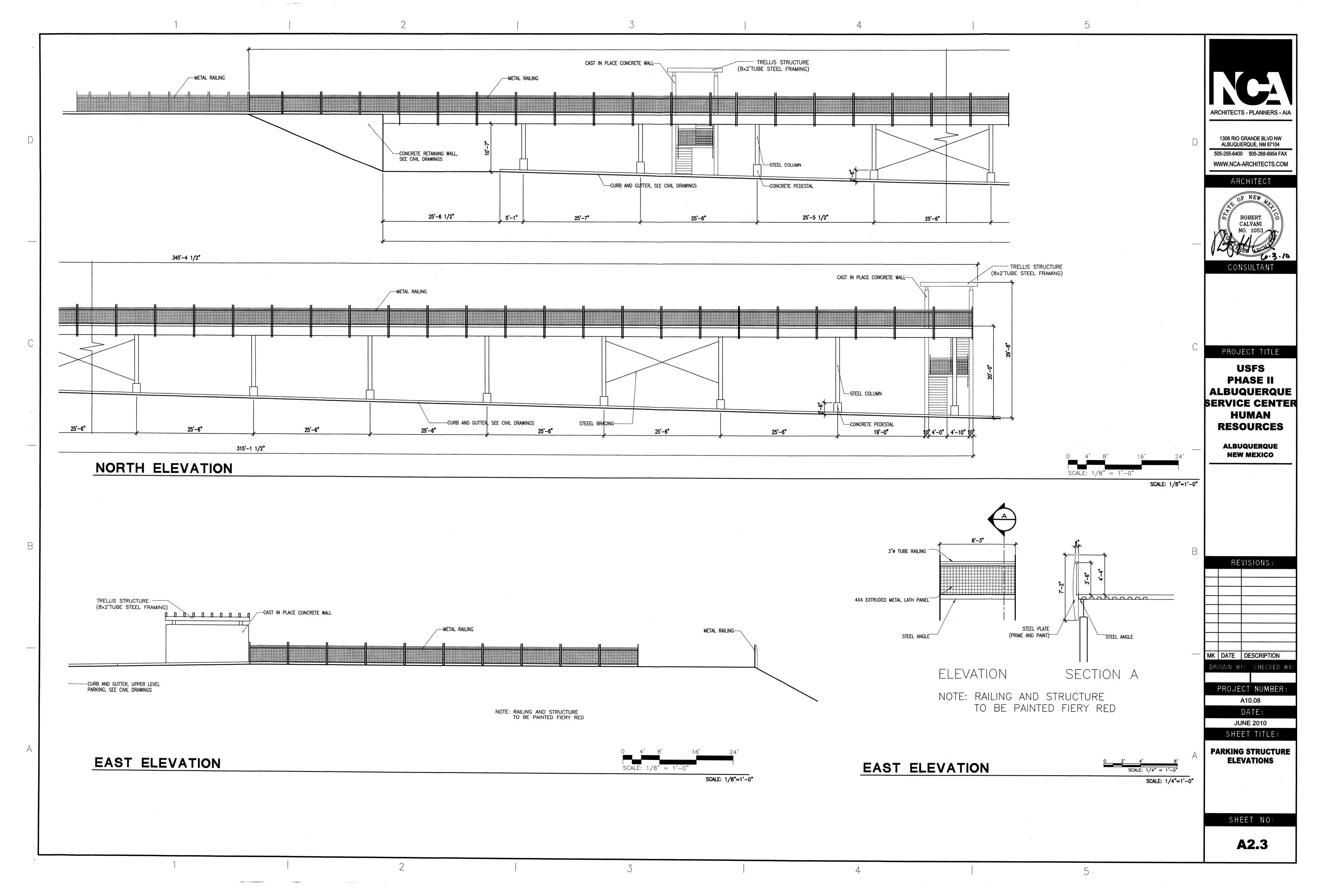
LANDSCAPING PLAN

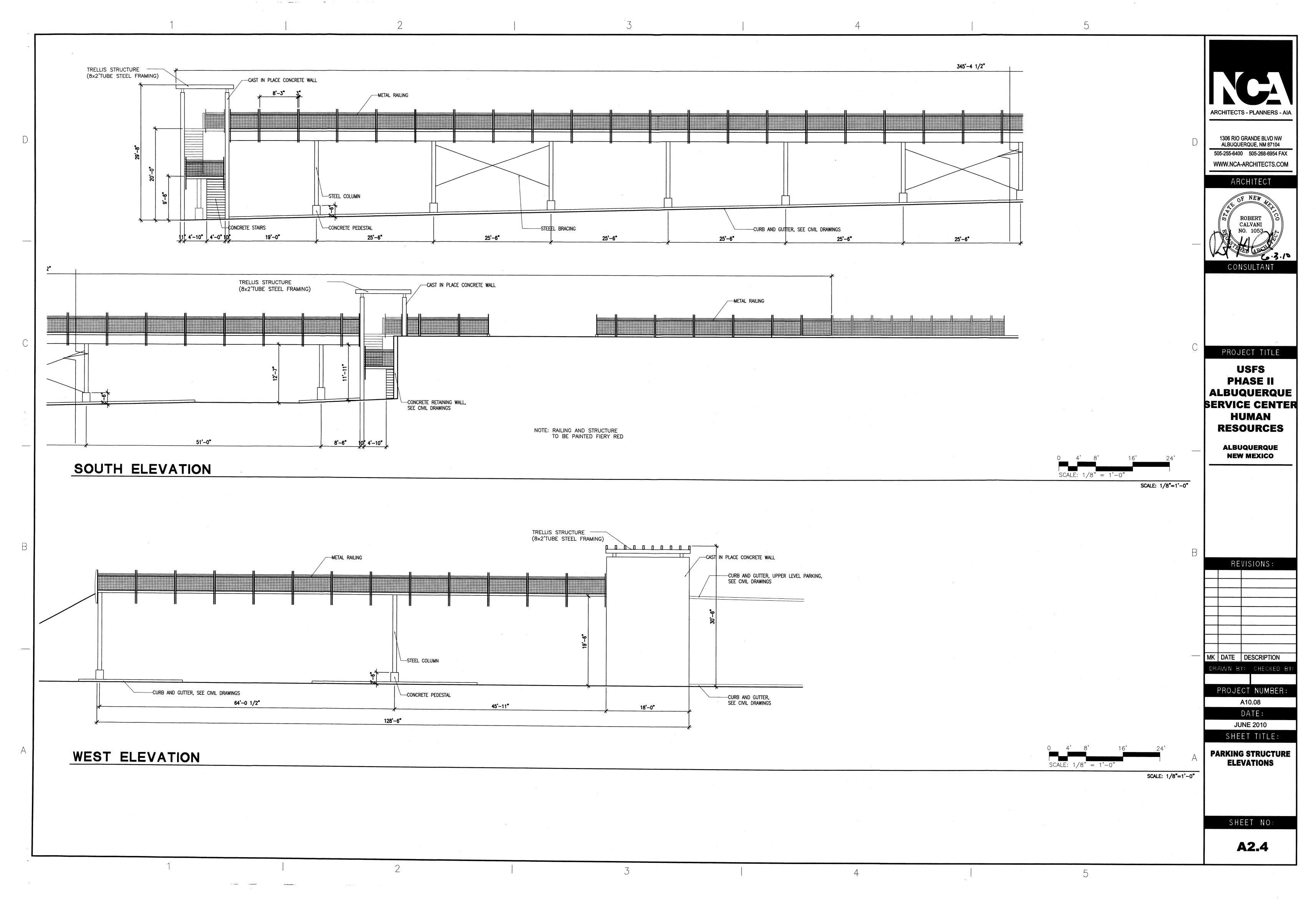
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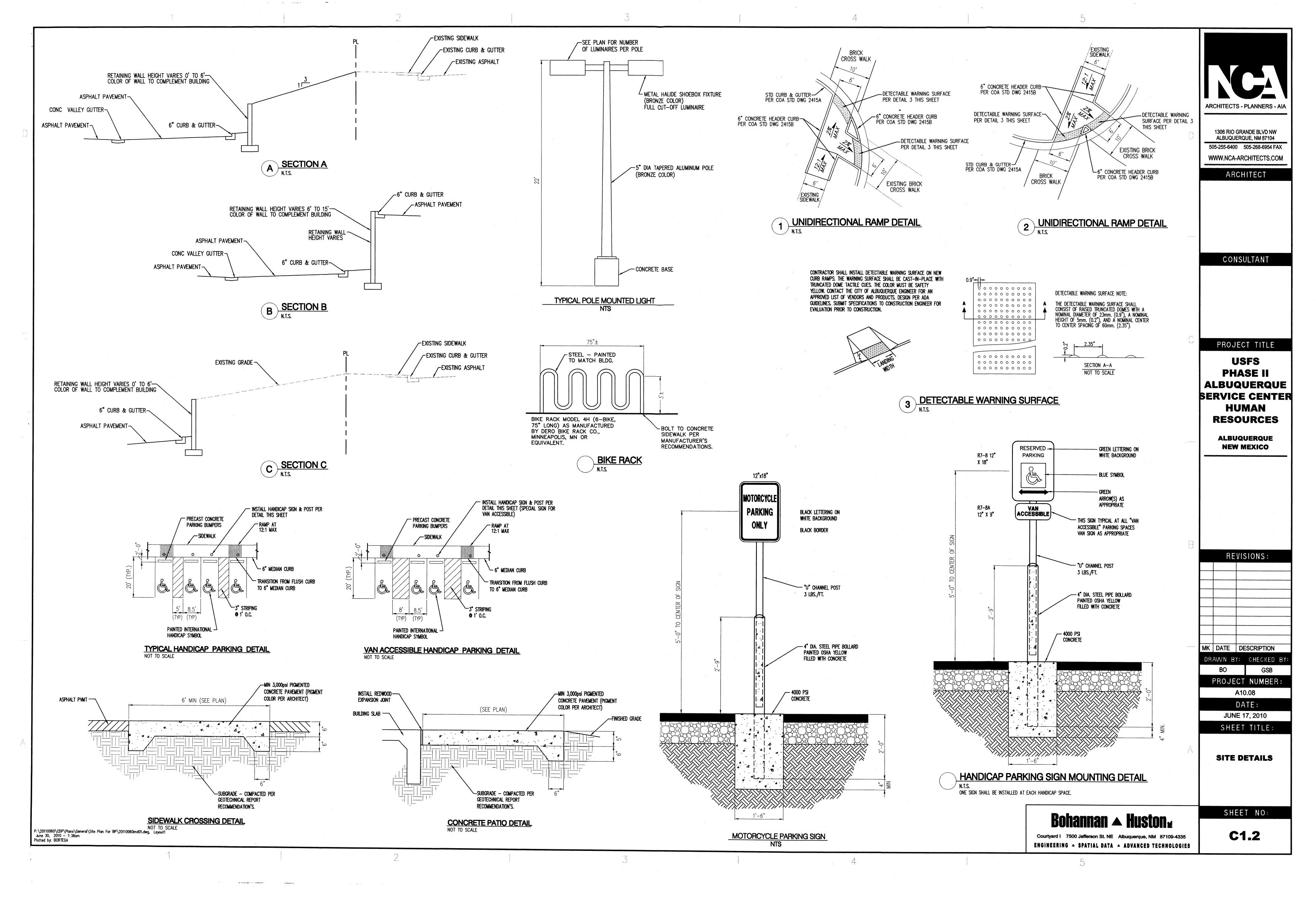


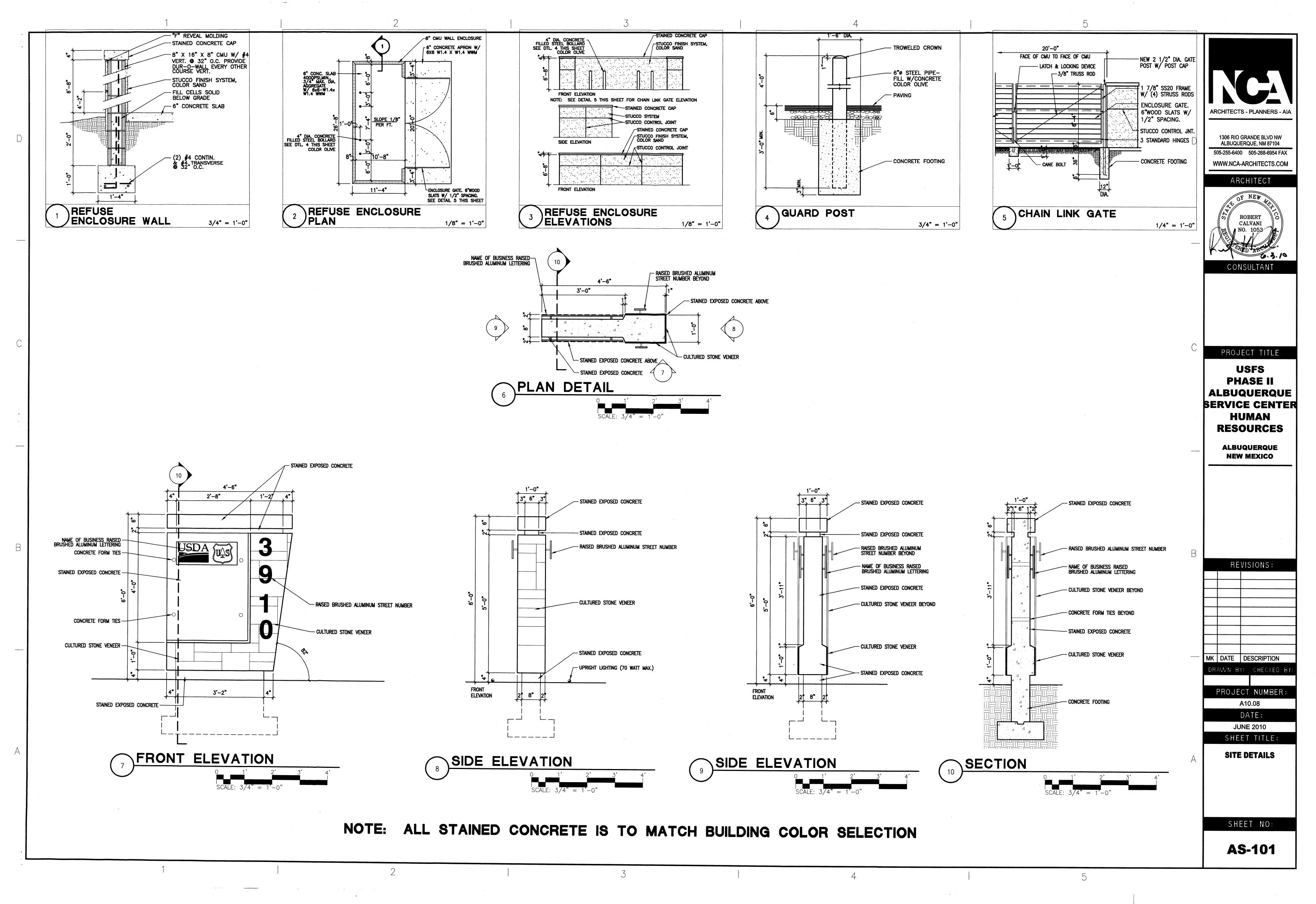


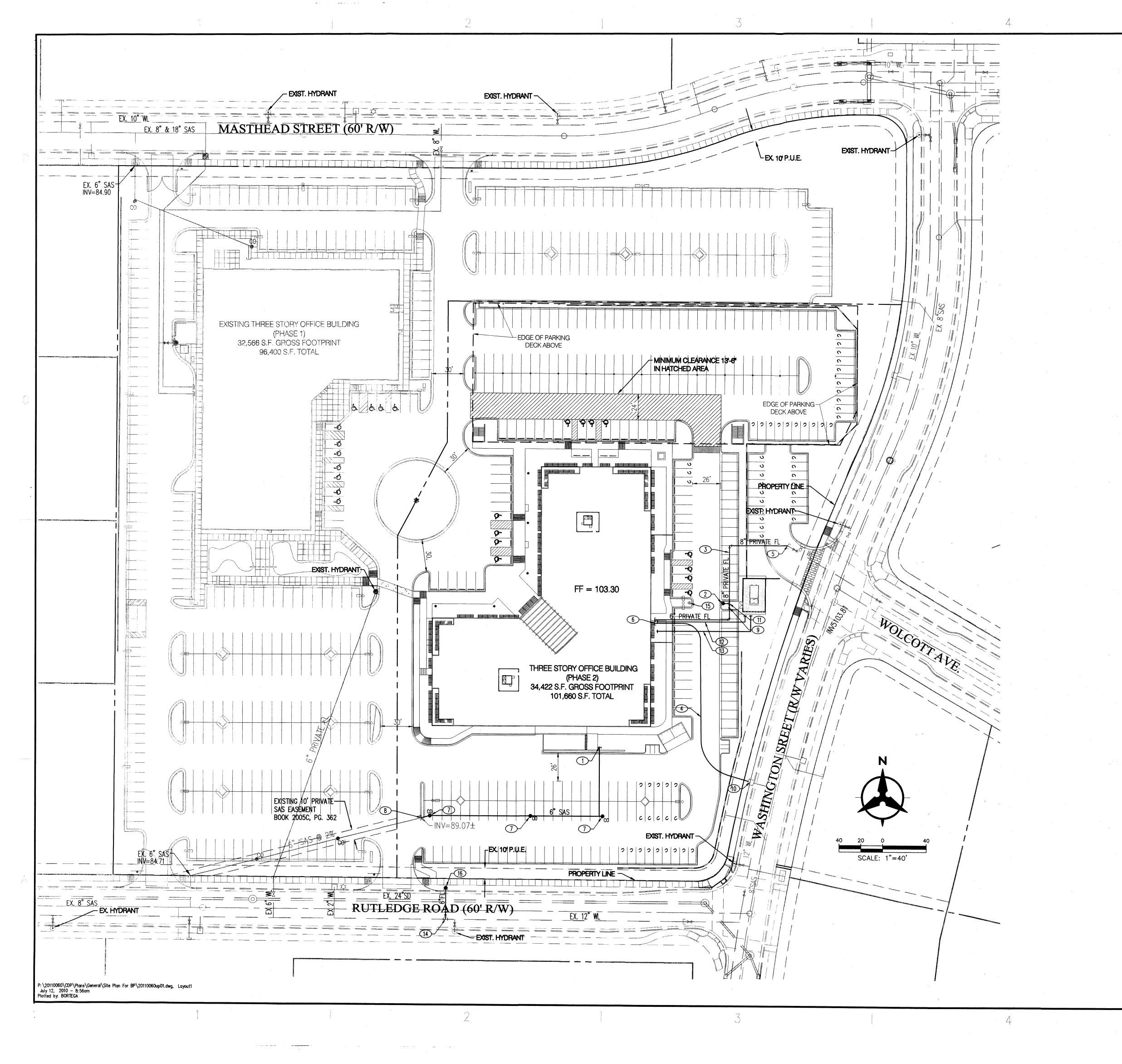












UTILITY NOTES

- 1. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO MECHANICAL UTILITIES AS SHOWN ON THIS PLAN INCLUDING: TRENCHING, BACKFILL, SUPPORTS, CLEANOUT PADS, SERVICE STOPS AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING. ANY WORK NOT ACCEPTED BY THE ARCHITECT OR ENGINEER DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED.
- 2. MINIMUM DEPTHS OF COVER SHALL BE: 36" FOR WATERLINES AND 48" FOR SEWER, EXCEPT AT BUILDING CONNECTION.
- 3. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED OF HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE IAPMO UNIFORM PLUMBING CODE, LATEST EDITION.
- 4. UTILITY LINES SHALL BE INSTALLED PRIOR TO PAVEMENT, CURB AND GUTTER, AND/OR SIDEWALK, AS APPLICABLE.
- 5. ROUGH GRADING OF SITE (±0.5") SHALL BE COMPLETED PRIOR TO INSTALLATION OF UTILITY LINES.
- 6. CONTRACTOR WILL BE RESPONSIBLE FOR CONNECTIONS TO BUILDING DRAIN LINES AND ALL NECESSARY FITTINGS.
- 7. ALL VALVES SHALL BE ANCHORED PER COA STANDARD DWG. 2333.
- 8. FIRE LINES SHALL USE PIPE MATERIALS UNDERWRITERS LABORATORIES LISTED AND APPROVED FOR FIRE SERVICE.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WATER METER, FIRE LINE, AND SEWER HOOKUP FEES FOR INSTALLATIONS. OWNER SHALL BE RESPONSIBLE FOR UTILITY EXPANSION CHARGES, PRORATA AND OTHER SPECIAL ASSESSMENTS.
- 10. CONTRACTOR SHALL VERIFY INVERTS AND LOCATIONS OF EXISTING WATER/SAS LINES PRIOR TO BEGINNING WORK. ALL CONFLICTS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER AND RESOLVED PRIOR TO BEGINNING WORK.
- UTILITY KEYED NOTES
- 1. 6" SANITARY SEWER STUB, SEE PLUMBING PLANS FOR CONTINUATION.
- 2. NEW PRIVATE FIRE HYDRANT PER COA STD DWG 2340.
- 3. 8" PRIVATE FIRE LINE SERVICE FOR BUILDING SPRINKLERS. BACKFLOW PREVENTER TO BE INSTALLED INSIDE MECHANICAL ROOM. FDC TO BE LOCATED ON BUILDING WALL. FIRE LINE PIPE JOINTS AND MECHANICAL JOINTS SHALL BE RESTRAINED FOR ENTIRE LENGTH. PROVIDE 3' MINIMUM COVER, VERTICAL BENDS AS REQUIRED (NOT > 22.5').
- 4. NEW 2" WATER LINE. CONNECT TO EXISTING METER SERVICE.
- 5. CONNECTION TO EXISTING 8" FIRE LINE STUB.
- 6. NEW 2" DOMESTIC WATER SERVICE TO BUILDING, BACKFLOW PREVENTER SHALL BE INSIDE MECHANICAL ROOM.
- 7. SANITARY SEWER CLEANOUT.
- 8. CONNECT TO EX. 6" SAS STUB PROVIDED TO SITE WITH PHASE 1
- 9. POST INDICATOR VALVE.
- 10. EXISTING 1 1/2" WATER SERVICE LINE AND METER BOX. CONTRACTOR SHALL COORDINATE AND PAY FOR CITY INSTALLATION OF METER.
- 11. 8"X6" TEE AND 8"X6" REDUCER.
- 12. NEW 1" WATER LINE FOR MAKE-UP WATER TO COOLING TOWER SEE PLUMBING PLANS.
- 13. NEW 4"SAS SEE PLUMBING PLANS FOR INVERTS AND CONTINUATION.
- 14. 12"x6" TAPPING SLEEVE & 6" GATE VALVE.
- 15. REMOTE FDC.
- 16. NEW PUBLIC FIRE HYDRANT PER COA STD DWG 2340.

LEGEND

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_			PROPERTY LINE
***************************************	<u>EX. 8" SAS</u>	· · · · · · · · · · · · · · · · · · ·	EX SANITARY SEWER & MANHOLE
******	<u>EX.</u> 24" <u>SD</u>		EX STORM DRAIN & MANHOLE
			EX INLET
-	<u>EX. 12" WL</u>	equilibric Life Extend England Basil Anni Anni Anni Anni Anni	EX WATER LINE
	X		EX VALVE
			EX METER
	•		EX FIRE HYDRANT
	\$		ex street light
***	SAS		PROPOSED SANITARY SEWER
	● _{co}		PROPOSED CLEANOUT
	WL		PROPOSED WATERLINE

Bohannan A Huston *

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

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ARCHITECT

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PROJECT TITLE
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PHASE II
ALBUQUERQUE
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ALBUQUERQUE NEW MEXICO

REVISIONS:

MK DATE DESCRIPTION

DRAWN BY: CHECKED BY
BO GSB

PROJECT NUMBER:

DATE: JUNE 17, 2010

SHEET TITLE:

CONCEPTUAL UTILITY PLAN

SHEET NO:

C3.0