

PROJECT NUMBER: 1003532
APPLICATION NUMBER: 16-70152

Is an infrastructure list required? () yes () no. If yes, then a set of approved DRCP plans with a work order is required for any construction within public right-of-way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

Ronald Muriel 5/18/16
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION DATE

Walter Cadena 5/18/16
WATER UTILITY AUTHORITY DATE

Sandoval 5/18/16
PARKS AND RECREATION DEPARTMENT DATE

J.C. 5/24/16
CITY ENGINEER DATE

SOLID WASTE MANAGEMENT 5/24/16
DRB CHAIRPERSON, PLANNING DEPARTMENT DATE

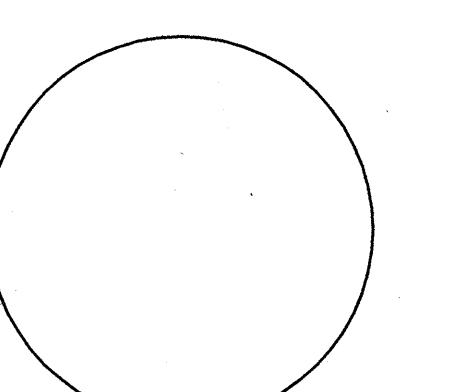
a new dental office development for:

**ROBERT C.
KERSCHEN, DMD**

7400 holly avenue ne
albuquerque, new mexico

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4 1 3 second st sw
albuquerque nm
8 7 1 0 2
5 0 5 2 4 6 0 8 7 0
s l a g l e h e r r . c o m

SITE PLAN

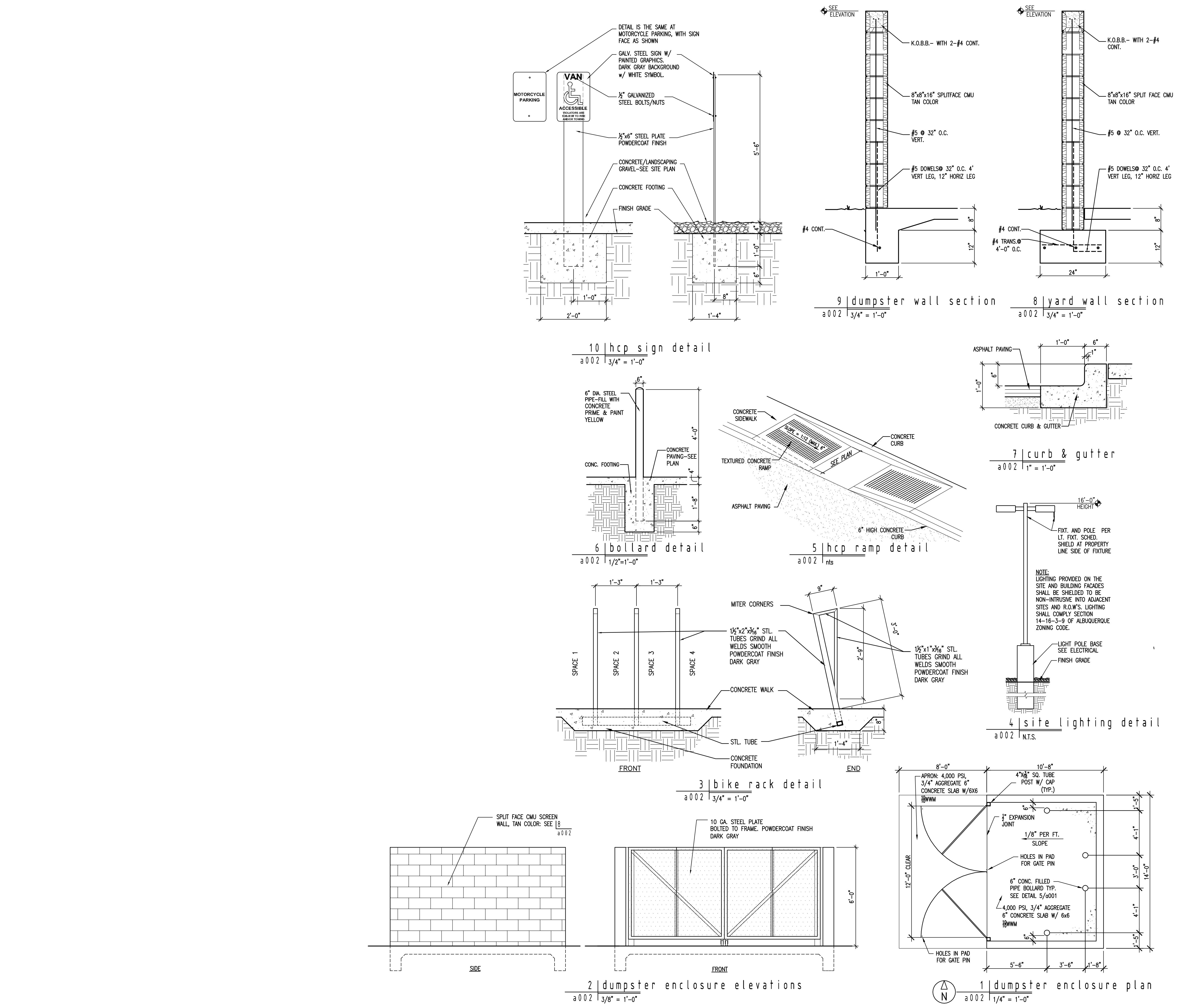


revisions

△ 4-15-16 EPC comments

date 4-7-16
sheet A001
site plan

N 0 10' 20' 30' 40' 50' 60'



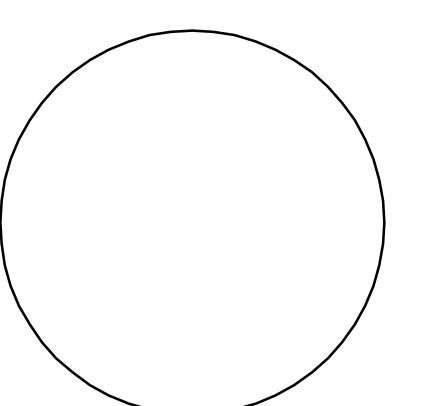
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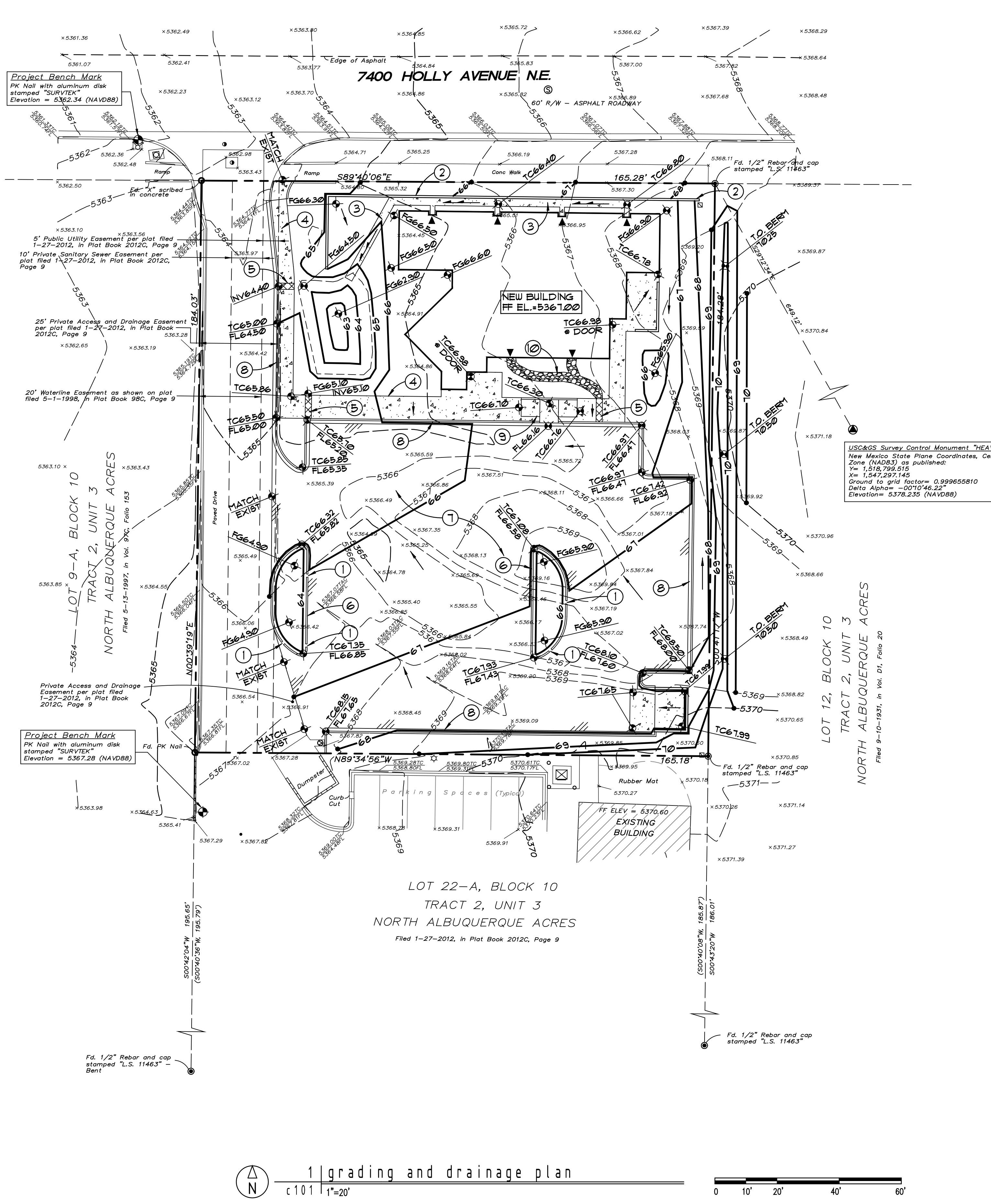
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SITE DETAILS



revisions

date
4-7-16
sheet
A002



1 | grading and drainage plan

KEYED NOTES

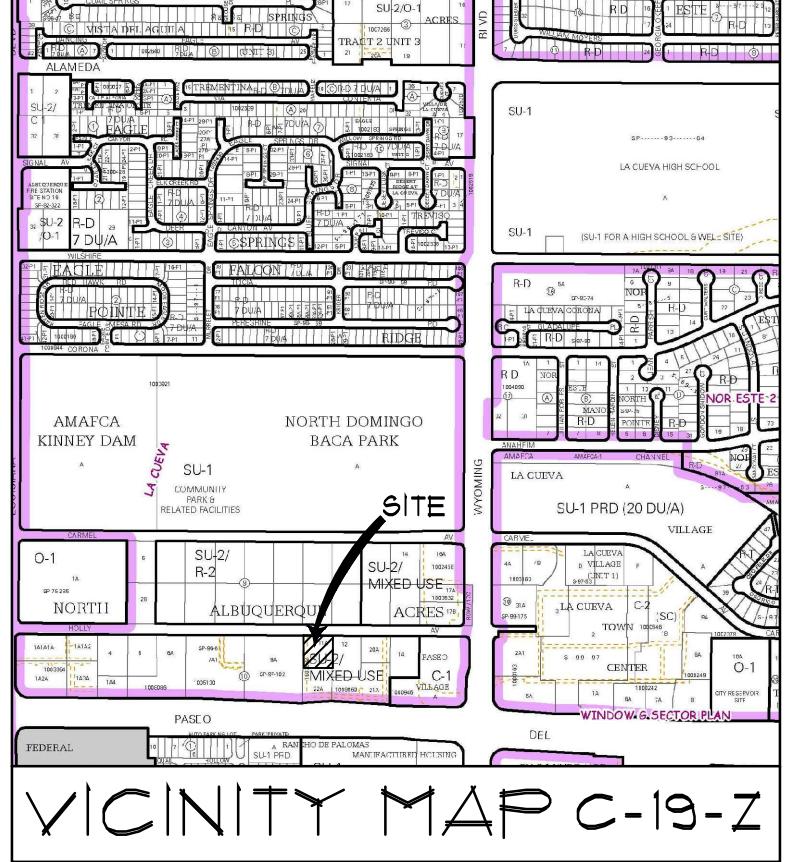
- 1 1'-0" WIDE CURB BREAK FOR DRAINAGE
- 2 MASONRY RETAINING WALL PER DETAIL 5/C201
- 3 CONCRETE SWALE PER DETAIL 3/C201
- 4 4" THICK, 4000 PSI CONCRETE WALK
- 5 2'-0" WIDE SIDEWALK CULVERT PER CDA STD. DRAWING #2236
- 6 DRAINAGE BASIN CONCRETE CURB PER DETAIL 4/C201
- 7 ASPHALT PAVING PER DETAIL 1/C201
- 8 STANDARD CONCRETE CURB AND GUTTER PER DETAIL 2/C201
- 9 HANDICAP RAMP - SEE ARCH.
- 10 LANDSCAPE ROCK LINED SWALE - COORDINATE WITH ARCH.

LEGAL DESCRIPTION

LOT NUMBERED ELEVEN-A (11-A), IN BLOCK NUMBERED TEN (10) OF TRACT 2, UNIT 3, NORTH ALBUQUERQUE ACRES, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JANUARY 21, 2012, IN PLAT BOOK 2012C, FOLIO 9.

BENCHMARK

USGS SURVEY CONTROL MONUMENT "HEAVEN"
NEW MEXICO STATE PLANE COORDINATES,
CENTRAL ZONE (NAD83) AS PUBLISHED:
Y = 318,193.5
X = 1,547,291.45
GROUND TO GRID FACTOR = 0.999655810
DELTA ALPHA = -00°10'46.22"
ELEVATION = 5378.235 (NAVD88)



DESIGN NARRATIVE

THIS 0.101 ACRE SITE IS CURRENTLY UNIMPROVED EXCEPT FOR A PAVED ACCESS ROAD ON THE WEST EDGE. THIS ROAD WILL REMAIN AS IT PROVIDES ACCESS FOR AN ADJACENT PROPERTY. THE ON-SITE IMPROVEMENTS INCLUDE A NEW 4000 SF BUILDING AND NEW PAVED PARKING LOT. THE SUBJECT SITE CURRENTLY ACCEPTS A VERY SMALL AMOUNT OF OFF-SITE RUNOFF FROM THE ADJACENT PROPERTY ON ITS EAST BORDER, AND THE NEW IMPROVEMENTS WILL NOT PROHIBIT THIS FLOW. THE SITE WILL NOT IMPACT ANY ADJACENT PROPERTIES WITH DEVELOPED RUNOFF AND WILL BE CONSTRUCTED WITH DEPRESSED ISLANDS IN THE PARKING LOT AS WELL AS A SMALL POND TO COLLECT A FIRST FLUSH VOLUME OF RUNOFF. ROOF RUNOFF WILL BE DIRECTED TO THE POND VIA A CONCRETE SWALE ON THE NORTH SIDE OF THE NEW BUILDING. STORM VOLUMES GREATER THAN THE ON-SITE CAPACITY WILL BE DIRECTED TO DOWNTREAM FACILITIES IN HOLLY AVE. VIA THE EXISTING PAVED DRIVE. THESE FLOWS ULTIMATELY COLLECT IN AN AMAFCA POND ON THE NORTH SIDE OF HOLLY AVE, WEST OF THE SITE.

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LEGEND

-----	PROPERTY LINE
—	NEW BUILDING LINE
- - -	EXISTING CONTOUR
—	NEW CONTOUR
X 5366.03	EXISTING SPOT ELEVATION
6630	NEW SPOT ELEVATION
→	NEW FLOW DIRECTION ARROW
TA	TOP OF ASPHALT
TC	TOP OF CONCRETE OR CURB
FG	FINISHED GRADE
FL	FLOW LINE
TW	TOP OF WALL
BW	BOTTOM OF WALL
B/F	BOTTOM OF FOOTING
INV	INVERT
	NEW CONCRETE PAVING
	NEW AC PAVING
	ROOF DRAIN LOCATION
	SWALE

EROSION CONTROL PLAN

- 1 CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- 2 CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
- 3 CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUN OFF ON SITE.
- 4 REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 5 ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
- 6 CONTRACTOR IS RESPONSIBLE FOR OBTAINING NPDES PERMIT FOR THE SITE, IF NECESSARY.

HYDROLOGY CALCULATIONS

PRECIPITATION ZONE 4 DESIGN STORM: 1 IN				1hr	6hr	24hr	4day	10day	
EXISTING CONDITIONS				223	230	365	470	5.95	
LAND	AREA	AREA	P6	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	V10DAY (CF)
A	0.000	0%	0.80	2.20	0.00	0	0	0	0
B	0.006	86%	1.08	2.92	1.11	2.316	2.376	2.376	2.376
C	0.000	0%	1.46	3.73	0.00	0	0	0	0
D	0.101	14%	2.64	5.25	0.53	9.12	12.48	16.34	20.94
TOTALS	0.101	100%			2.30	3.347	3.624	4.010	4.410
PROPOSED CONDITIONS									
LAND	AREA	AREA	P6	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4DAY (CF)	V10DAY (CF)
A	0.000	0%	0.80	2.20	0.00	0	0	0	0
B	0.115	25%	1.08	2.92	0.51	6.86	6.86	6.86	6.86
C	0.000	0%	1.46	3.73	0.00	0	0	0	0
D	0.532	75%	2.64	5.25	2.19	5.938	6.941	8.514	10.988
TOTALS	0.101	100%			3.30	5,784	7,233	9,260	11,674

FIRST FLUSH: 2283 SF (ROOF & PAVING) X 0.44"/12 IN PER FT = 836 CF
POND VOLUME: 401 CF
DEPRESSED ISLANDS: 560 CF
TOTAL = 961 CF IS LESS THAN 236 CF

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY NOTICE TO CONTRACTOR

1. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE LINE LOCATING SERVICE, NEW MEXICO ONE CALL 260-1930 (NM ONE CALL "811") FOR THE LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

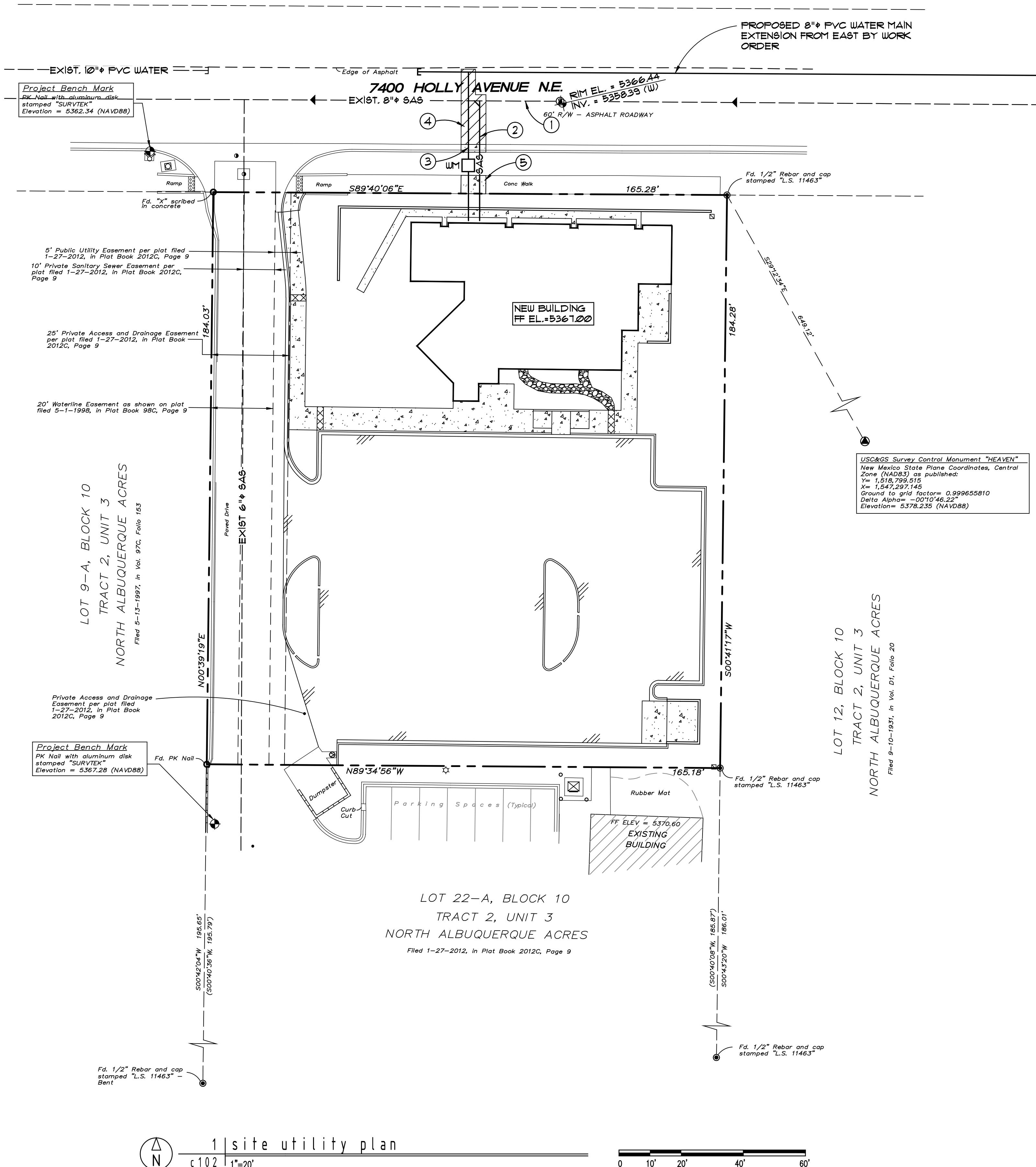
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4-28-16

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C101



KEYED NOTES

- 1 EXISTING 6" SANITARY SEWER
- 2 NEW 4" SANITARY SEWER SERVICE CONNECTION
- 3 NEW 1/2" WATER SERVICE AND METER BOX PER ABCWUA STANDARD DRAWING #2362
- 4 SCAUCUT, REMOVE AND REPLACE CURB AND GUTTER AND ASPHALT PAVING AT UTILITY CUT PER CITY OF ALBUQUERQUE STANDARD DRAWINGS #245A AND #246B
- 5 REMOVE SECTION OF EXISTING SIDEWALK TO NEAREST JOINT FOR UTILITY INSTALLATION AND REPLACE PER C.O.A. STANDARD DRAWING #2430

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SITE UTILITY PLAN



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C102

PLANT LEGEND

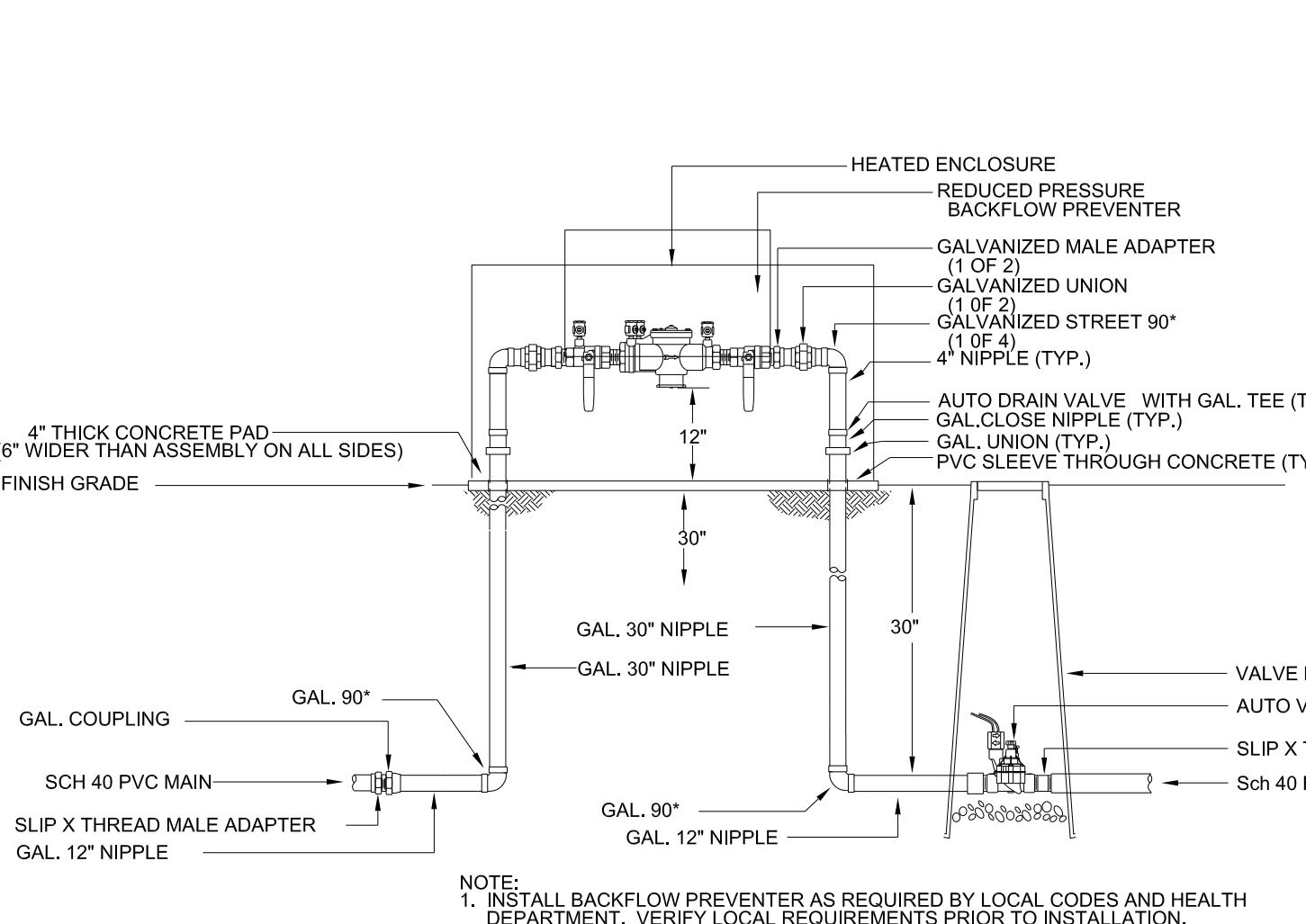
Qty.	Symbol	Scientific Name Common Name	Installed Size	Mature Height/Spread	Landscape Coverage	Water Use	Drip Emitters	
								Trees
2	○	Forestiera neomexicana New Mexico Olive	15-Gal	15'/15'	Medium	6-2 gph		
4	○	Fraxinus Autumn Purple Ash	2" B&B	40'/40'	Medium	+6-2 gph		
4	○	Pyrus Flowering Pear	2" B&B	25'/15'	Medium	+6-2 gph		
2	○	Pistacia chinensis Chinese Pistache	2" B&B	60'/60'	Medium	+6-2 gph		
2	○	Gleditsia triacanthos inermis Honeylocust	2" B&B	80'/80'	Medium	6-2 gph		
Shrubs/Groundcovers								
2	○	Buddleia davidi Butterly Bush	1-Gal	5'/5' 50 sf=100 sf	Medium	2-2 gph		
3	○	Caryopteris clandestensis Blue Mist	1-Gal	3'/3' 25 sf=75 sf	Medium	2-2 gph		
20	○	Vauquelina californica Arizona Rosewood	5-Gal	15'/8' 64 sf=1280 sf	Low +	2-2 gph		
7	○	Rhus aromatica Gro Low Sumac	5-Gal	2'/6' 64 sf=448 sf	Low +	2-2 gph		
10	○	Ericameria laricifolia 'Aguirre' Turpentine Bush	5-Gal	3'/4' 35 sf=350 sf	Low	2-1 gph		
8	○	Salvia greggii Cherry Sage	1-Gal	3'/3' 15 sf=120 sf	Low	2-1 gph		
12	○	Hesperaloe parviflora Red Yucca	5-Gal	3'/4' 30 sf=360 sf	Low+	2-2 gph		
12	○	Lavandula Lavender	1-Gal	3'/3' 16 sf=192 sf	Medium	2-2 gph		
13	○	Potentilla fruticosa Shrubby Cinquefoil	5-Gal	3'/3' 120 sf=260 sf	Medium+	2-2 gph		
4	○	Prunus cistena Dwarf Red Leaf Plum	5-Gal	6'/6' 40 sf=160 sf	Medium+	2-2 gph		
7	○	Rosmarinus officinalis Rosemary	5-Gal	6'/6' 64 sf=448 sf	Low +	2-2 gph		
4	○	Mahonia Oregon Grape Holly	5-Gal	6'/6' 64 sf=256 sf	Low +	2-2 gph		
3	○	Lagerstroemia Crape Myrtle	5-Gal	15'/15' 150 sf=450 sf	Medium	2-2 gph		
4	○	Juniperus sabina 'Buffalo' Buffalo Juniper (female)	5-Gal	2'/6' 50 sf=200 sf	Low +	2-2 gph		
10	○	Nepeta Catmint	1-Gal	1'/3' 10 sf=100 sf	Medium	2-2 gph		
7	○	Kniphofia Red Hot poker	1-Gal	3'/2' 10 sf=70 sf	Medium+	2-2 gph		
7	○	Achillea Moonshine Yarrow	1-Gal	3'/3' 12 sf=84 sf	Medium	2-2 gph		
Ornamental Grasses								
2	*	Nolina microcarpa Beargrass	5-Gal	5'/6' 64 sf=128 sf	RW	2-1 gph		
4	*	Muhlenbergia Deer Grass	1-Gal	4'/4' 40 sf=160 sf	Medium	2-2 gph		
23	*	Calamagrostis Karl Foerster Grass	5-Gal	30'/2' 10 sf=230 sf	Medium	2-2 gph		
13	*	Panicum Switch Grass	5-Gal	6'/4' 36 sf=468 sf	Medium	2-2 gph		
20	*	Nassella Threadgrass	1-Gal	3'/2' 12 sf=240 sf	Medium	2-2 gph		
Total Landscape Coverage=6,179 SF								

MATERIALS LEGEND

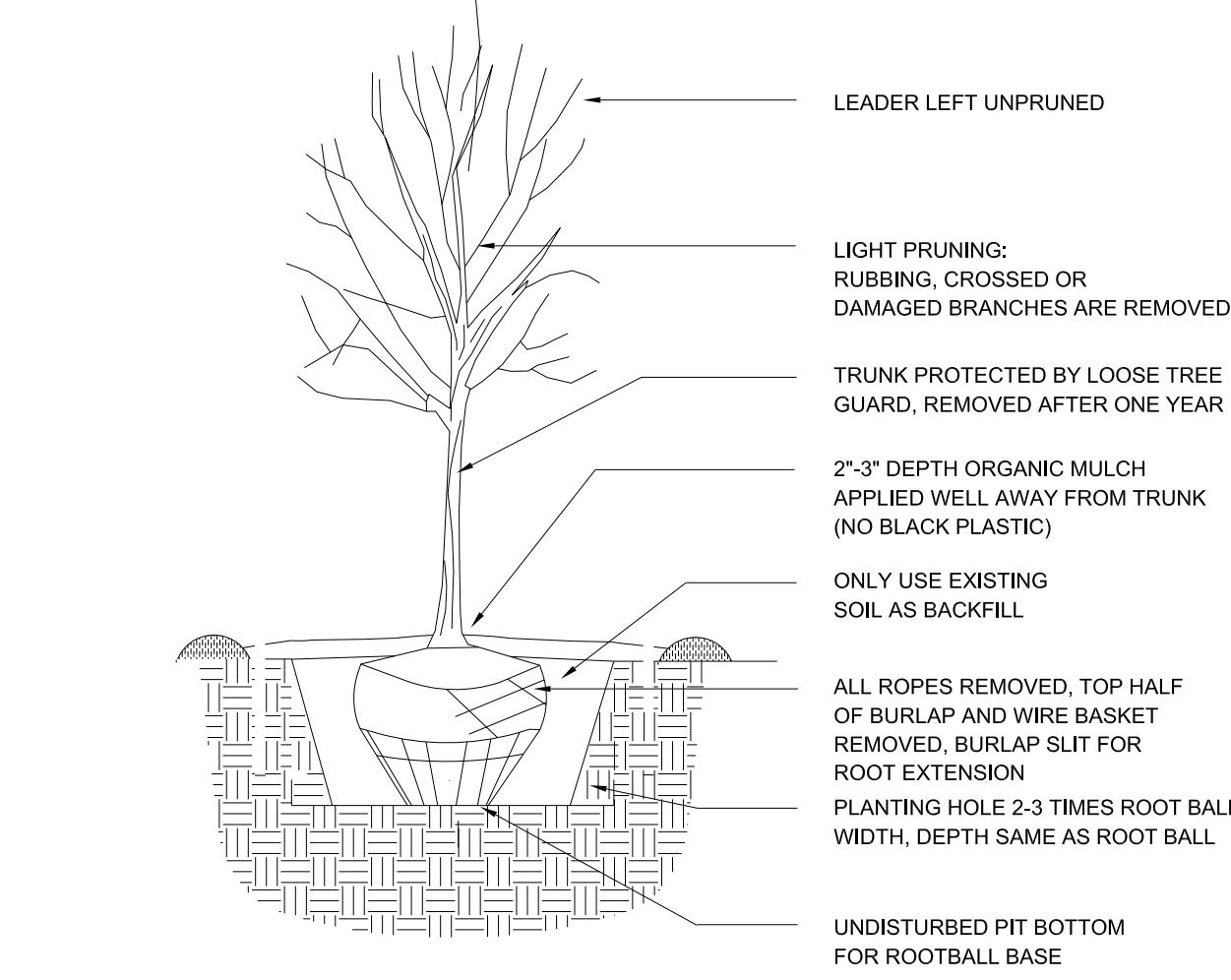
	3/4" GRAY CRUSHED GRAVEL
	2"-4" COBBLESTONE

SITE DATA

GROSS LOT AREA (.6975 ac)	30,393 SF
LESS BUILDING(S)	3,391 SF
NET LOT AREA	26,992 SF
REQUIRED LANDSCAPE	4,049 SF
15% OF NET LOT AREA	8,225 SF
PROPOSED LANDSCAPE	30 %
PERCENT OF NET LOT AREA	
REQUIRED STREET TREES PROVIDED AT 30' O.C. SPACING ALONG STREET	
REQUIRED PARKING LOT TREES PROVIDED AT 1 PER 10 SPACES (32 SPACES/10)	
TOTAL REQUIRED TREES	
TOTAL PROPOSED TREES (2" CAL OR 6' HT.)	
HIGH WATER USE TURF NONE PROPOSED	
REQUIRED LANDSCAPE COVERAGE	
75% LIVE VEGETATION MATERIAL (8,225 SF LANDSCAPE AREA x 75%)	
PROVIDED LANDSCAPE COVERAGE	6,168 SF MIN.
PERCENT LANDSCAPE COVERAGE	75%
OF REQUIRED LANDSCAPE AREAS	6,179 SF

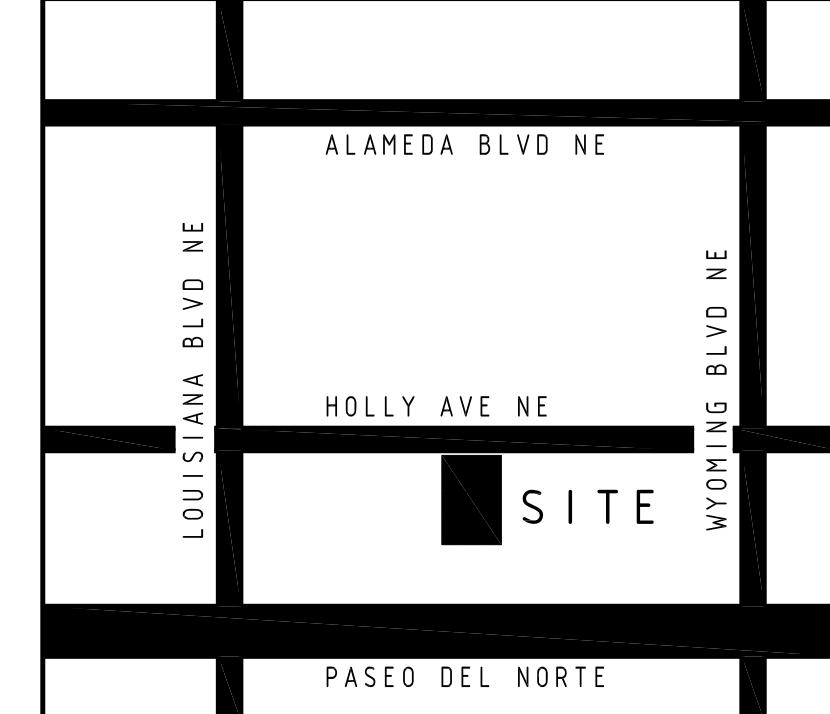


RP BACKFLOW/MASTER VALVE DETAIL



TREE PLANTING DETAIL

vicinity map



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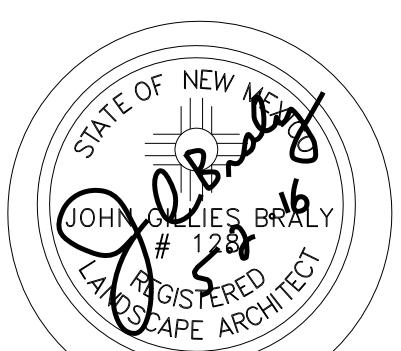
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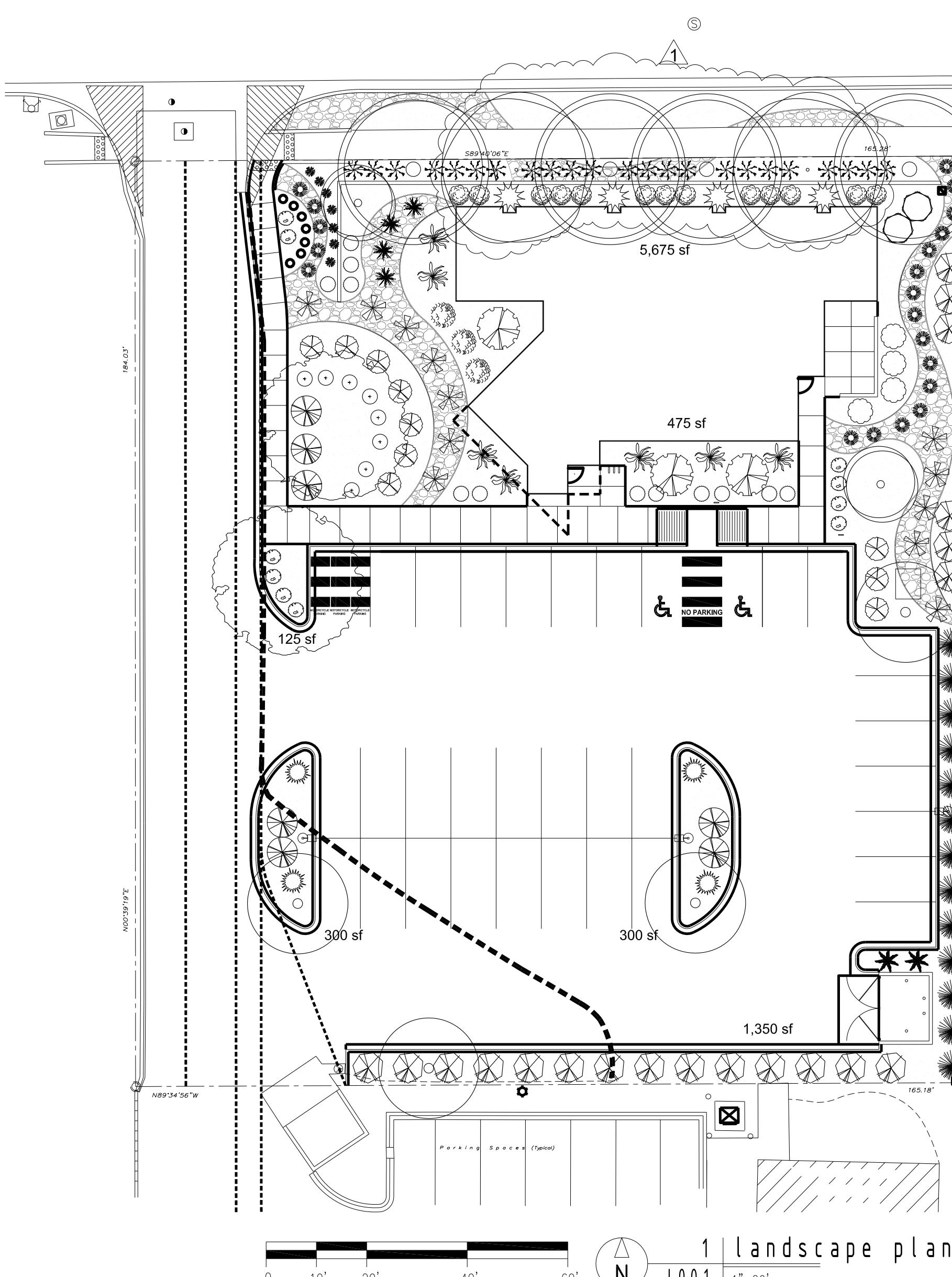
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a l b u q u e r q u e n m
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landscape plan

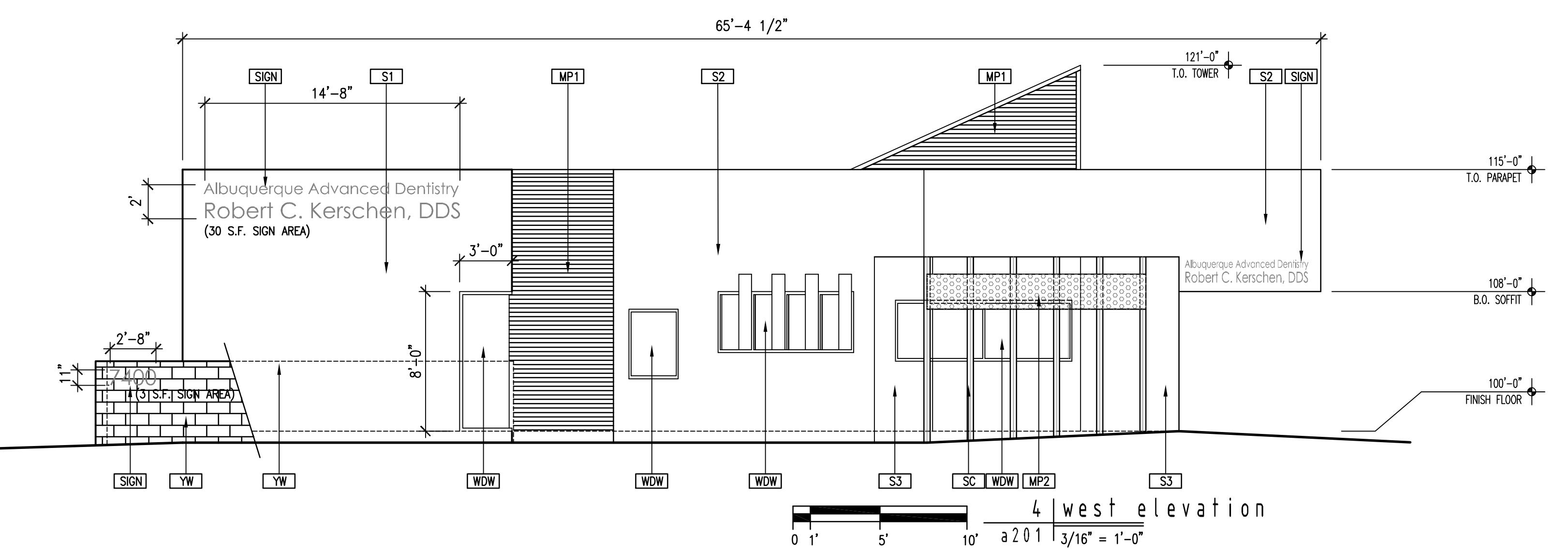
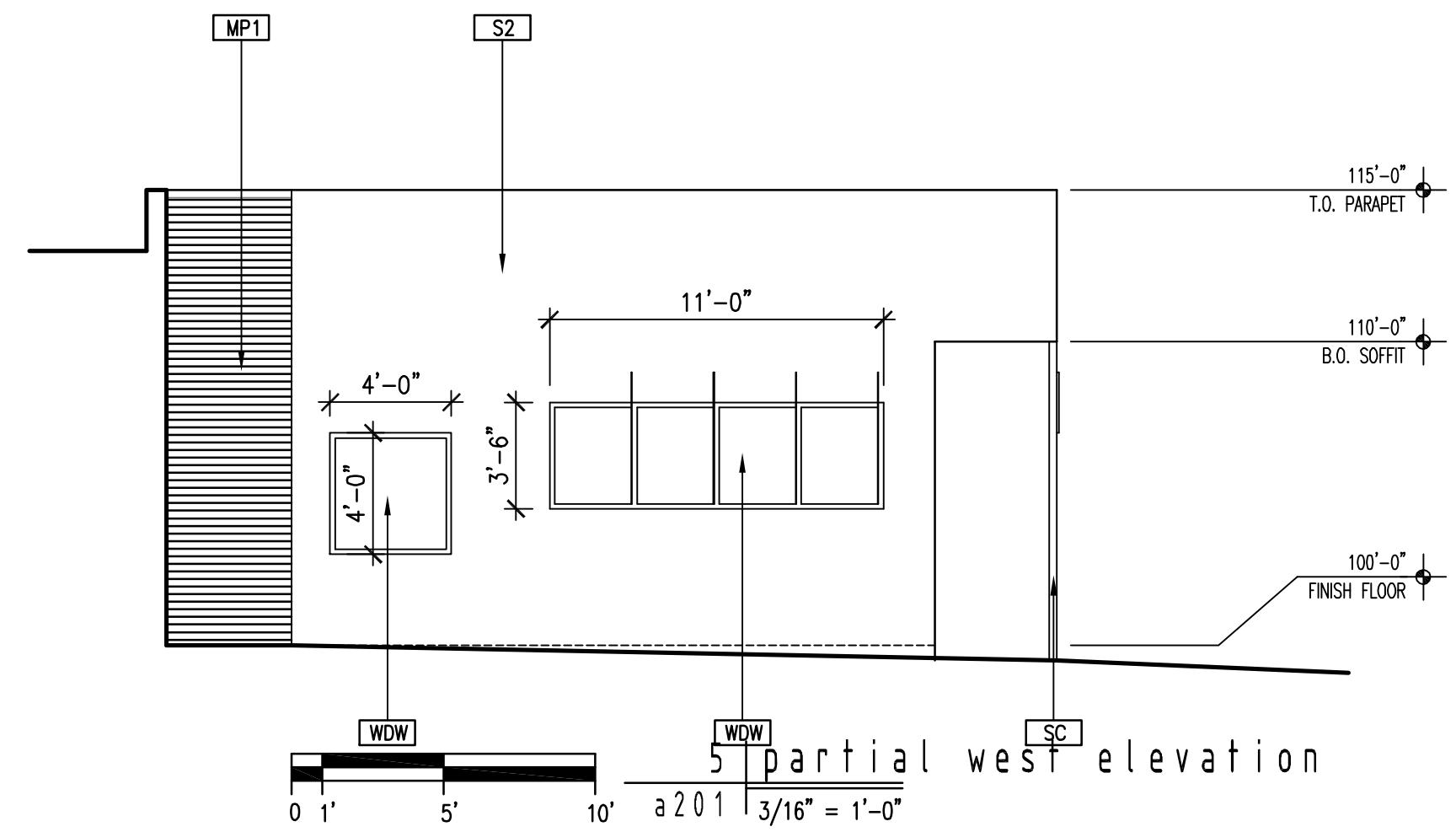


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4.15.16 (EPC Comment)

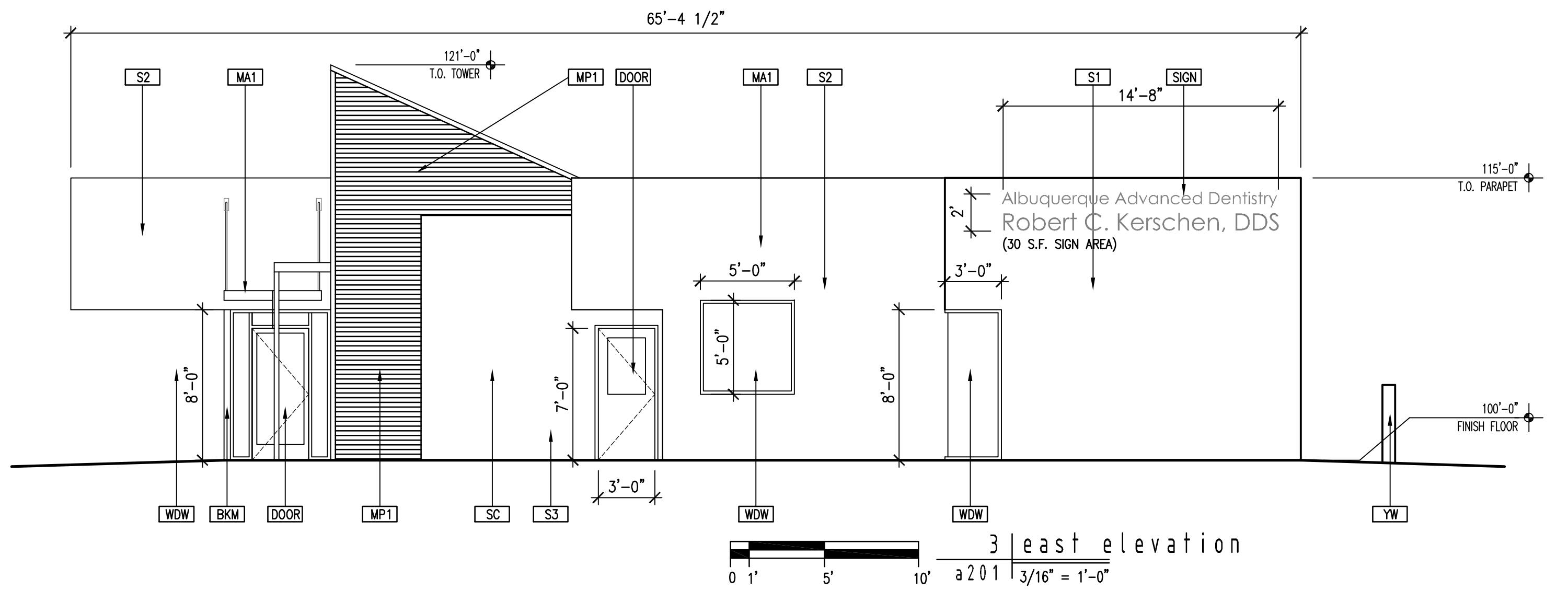
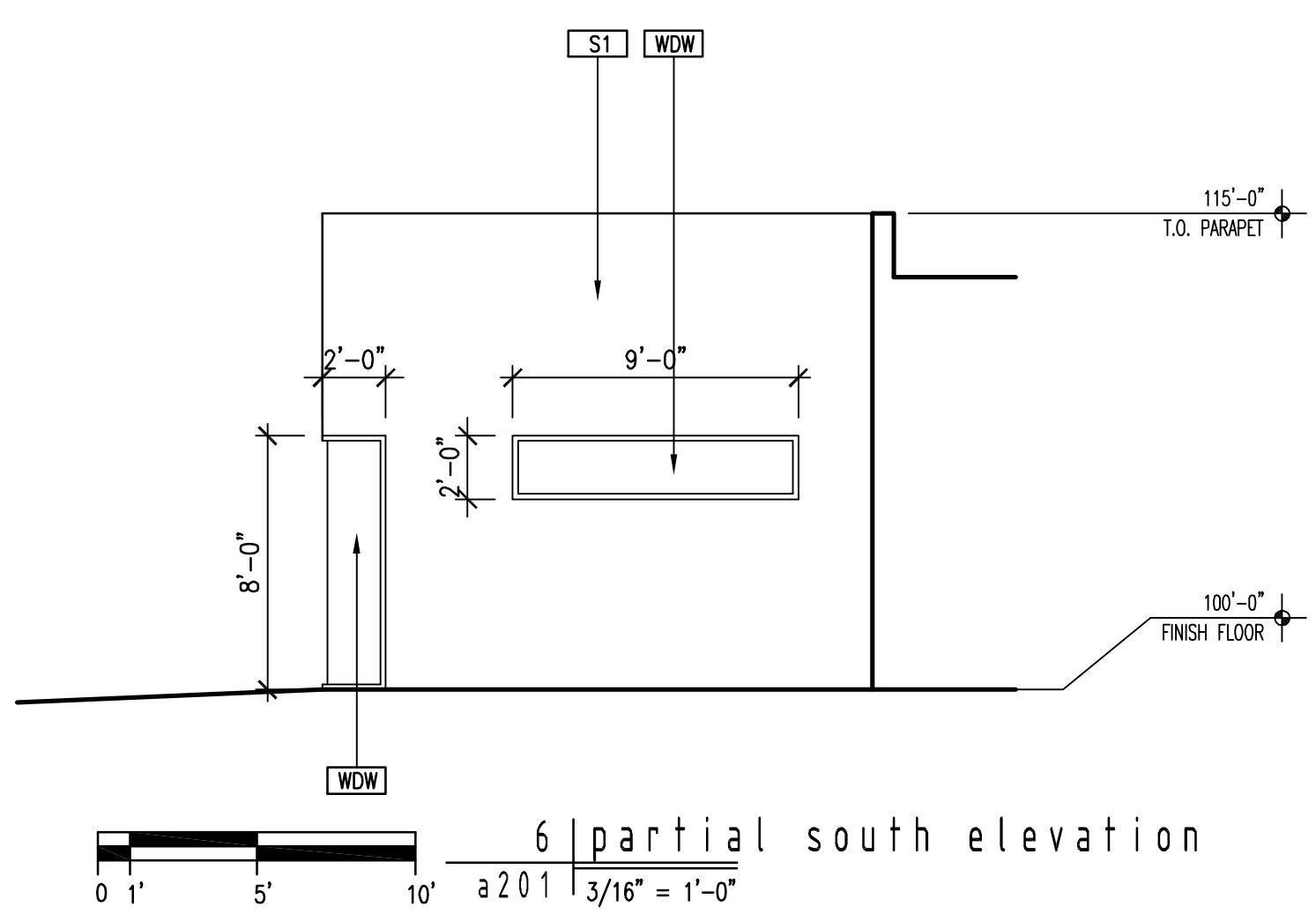


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SIGNAGE NOTE: ALL SIGNAGE IS CONTROLLED BY THE C-1 ZONE OF THE ZONING CODE PER THE SU-2 MIXED USE ZONING OF THE LA QUEVA SECTOR DEVELOPMENT PLAN



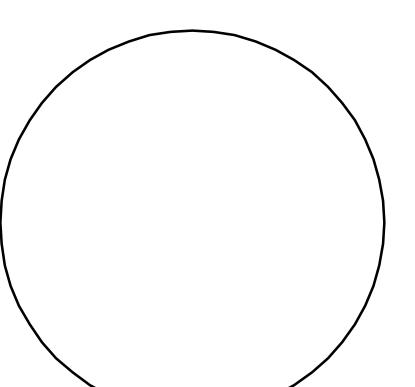
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ELEVATIONS



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