

# DEVELOPMENT REVIEW BOARD SUPPLEMENTAL SUBMITTAL

# (Deadline is Friday at noon unless noted on DRB calendar – late submittals will not be accepted unless approved by the DRB)

PROJECT NO. <u>2022-006547</u>

Application No. SI-2022-00216

TO:  ✓ Planning Department/Chair  ✓ Hydrology ✓ Transportation Development ✓ ABCWUA ✓ Code Enforcement ✓ Parks & Rec *(Please attach this sheet with each collated set for each	h board member)
NOTE: ELECTRONIC VERSION (ie disk, thumbdrive) is Re	quired. Submittal will not be accepted without.
DRB SCHEDULED HEARING DATE: 03/02/2022	HEARING DATE OF DEFERRAL: 04/06/2022
SUBMITTAL DESCRIPTION: DRB - Site planning resubmittal city	comments response
CONTACT NAME: Rose Miranda	
TELEPHONE: (281) 854-6152 EMAIL: rose.miral	nda@hva.cc



### **DEVIATION APPLICATION**

### \*\*DEVIATIONS NOT ALLOWED IN OVERLAY ZONES\*\*

CEP # \_\_\_\_\_

APPLICATION INFORMATION			
Date: April 1, 2022 Received By:			
Address of request: 10126 Coors Blvd, NM			
City/State/Zip: Albuquerque, NM 87114			
PROPERTY OWN	NER INFORMATION		
$Property\ Owner\ Name: {\it Martha Malashock}, {\it Trustee B of Malashock}\ 1981$	and Connie Krall, Trustee of the S	mith 1982 C/o John Malashock	
Address: 3663 Jackdaw St.			
City/State/Zip: San Diego, CA 92103			
Phone: (619) 920-2950	Email: johnmalashock	@me.com	
APPLICANT/AG	ENT INFORMATION		
Applicant/Agent Name (Owner letter of Authorization requ	ired): Rose Miranda on b	ehalf of Panda Express	
Business Name: Heights Venture			
Address: 1111 North Loop West, Suite 800			
City/State/Zip: Houston, TX 77008			
Phone: (281) 854-6152	Email: rose.miranda@	hva.cc	
DEVIATION APPLICATION APPLICAT			
MUST INCLUDE: SITE PLAN ANY			
6-4(P)(3) Decision-making body may approv	e Deviation if <b>all</b> follow	ing requirements are met:	
CHECK BOX IF RI	EQUIREMENT IS ME	<u>T</u>	
<b>√</b> 6-4(P)(3)(a) Applicant's site is subject to site constraints		surrounding properties or site was	
platted or developed in an unusual pattern when compared to abutting properties			
Explanation: The site is a redevelopment with existing access drives, curbs cuts, and extreme grade we need to match and fit within.  6-4(P)(3)(b) Site constraints were not created by actions of property owner or another interested party.			
Explanation: Site constraints are existin, as this is a redevelopment.			
<b>6</b> -4(P)(3)(c) Request is for single site and is not part of a			
nearby sites by the same property owner or within the same	e subdivision, Framework	rk Plan area, or Master Plan Area.	
Explanation: The request is for a single site 6-4(P)(3)(d) Approval of deviations will not cause material adverse impacts on surrounding properties.			
· · · · · · · · · · · · · · · · · · ·	•	surrounding properties.	
Explanation: Deviation will allow us to keep the existing access / trait 6-4(P)(3)(e) Requested deviation will not result in a violation will not result in		no standard	
	WNER SIGNATURE	ie standard.	
By signing below I confirm that I am the owner or agent (v		thorization) of above listed address	
and all information contained in this application is true and			
Applicant/Owner Signature: Rose Muranda	correct to the best of in	Date: 04-01-2022	
	L USE ONLY	Date: 04-01-2022	
UPC Number:	E COL OIVEI		
Lot: Block:	Zone:	Map Page:	
Previous zone:	Landfill buffer: Yes		
Subdivision:	Landini builet. Tes	_ 140 _	
APO: CPO:	HPO:	VPO:	
	1	Site Dev. Plan: Yes \( \text{No} \)	
UC - AC - MS - PT - MT - MX-FB: Yes \( \text{No} \)			
List any current or prior project and case history numbers:			
□ APPROVED □ DISAPPROVED <b>BY</b> :		Date:	
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# **DEVIATION APPLICATION**

### \*\*DEVIATIONS NOT ALLOWED IN OVERLAY ZONES\*\*

The applicant is requesting a deviation to IDO Standards per Part 14-16-6 Section 6-4(P)(3) per
Table 6-4-1: Allowable Deviations. The request is for street-facing facade shall contain a minimum
of 30 percent of its surface in transparent windows and/or doors. Panda Express street facing surface
-area is 976 square feet out of which 292 square feet is the required 30 percent. We are proposing-
264 square feet which is 27 percent of the required 30 percent
Per the deviation Table 6-4-1: Allowable Deviations, the facade is 3 percent within the required
10 percent allowed on the "Any other numerical standard" per this table



April 6, 2022

To: Development Review Board

Albuquerque, NM Attn: All City Reviewers

RE: Panda Express – S8-22-D8582

10126 Coors Blvd. NW Albuquerque, NM 87114

RE: DRB Planning Review – 1st Resubmittal

DRB Project Number: 2022-006547 App. Number: SI-2022-00216

### To the City Reviewers,

We are providing the response to your comments in the statement below. Our responses are in green.

### Water Utility Authority: (Reviewer: Blaine Carter, P.E.)

1. Availability Statement #220101 has been requested and is in review. This statement is in holding pending provision of an easement document. The statement will set the criteria for service. An executed statement must be obtained prior to approval.

Response: Updated easement for the proposed sewer and existing fire water connection is expected to be completed 04/01/22

2. An Availability Statement will be required with this project.

Response: Acknowledge.

3. Pro rata is not owed for this project.

Response: Acknowledge.

- 4. This project is outside of the adopted service area:
  - a. This property has had an existing service account for water and sewer. A Service Connection Agreement is not required for parcels that have service accounts.

Response: Acknowledge.

- 5. Utility Plan:
  - a. No objections

Response: Noted

- 6. Infrastructure List:
  - a. The improvements required in the Availability Statement, if any, shall be incorporated into the infrastructure list.

Response: Acknowledge.

- 7. Easements.
  - a. Demonstrate sufficient easement for the connection to the manhole to the north.

Response: Updated easement for the proposed sewer connection is expected to be completed 04/01/22.



1



b. Proper private water and/or private sanitary sewer service easements shall be granted for access to public waterline and/or public sanitary sewer for proposed lots which do not have direct access. The width of the private service easement shall be determined by the engineer or surveyor.

Response: Updated easement for the proposed existing fire water connection is expected to be completed 04/01/22.

### Planning Dept.- Major Case: (Reviewer: Robert Webb/Jay Rodenbeck)

Signature blocks for DRB and Solid Waste signatures must be added to the Site Plan.

Response: The signature blocks was added to the following sheets C01.0 Title sheet and A-100 Site Plan

The project and application numbers for the Site Plan must be added to the Site Plan.

Response: Project and application number has been added to all revised sheets see lower right hand corner of sheets. Also refer to sheet C01.0 Title Sheet and A-100 Site Plan for provided project and application number.

The Solid Waste signature must be obtained on the Site Plan.

Response: The DRB signature block was added to sheet C1.0 Title Sheet and A-100 Site Plan.

All Site Plan sheets must be sealed and signed by a design professional licensed in the State
of New Mexico.

Response: Acknowledge, all sheets are signed and sealed by a design professional.

The subject property is located within the CPO-2 and VPO-1 overlay districts. All
requirements of the CPO-2 and VPO-1 overlay districts must be met, including color and
signage requirements.

Response: All overlays requirements have been met. Please refer to revised sheets for information.

The Vehicle Stacking and Drive-Thru requirements of 5-5(I) of the IDO must be met.

Response: Acknowledge, 12 vehicle stacking are shown per the drive-thru requirements of 5-5(I) of the IDO refer to sheet A-100 Site Plan.

The freestanding sign must be at least 3-feet away from the property line. The square footage
of the sign must be noted.

Response: Freestanding signage is shown 3-feet away from the property line and the square footage is 45 sqft.

Sunshade Analysis per 5-2(D)(1) of the IDO must be provided.

Response: Refer to sheet A-600 Sun study.

 The Building Design requirements of 5-11(E) of the IDO must be met, with confirmation provided on the elevation sheets and/or in a comment response letter.

Response: Refer to sheet A-202 exterior elevations for the Building Design requirements.





The % of the façade taken up by the wall signage must be included.

Response: Refer to sheet A-202 for the percentage of the façade taken by the wall signage. The percentages are as follow Northwest is 3.4%, on the Northeast is 2.5% and on the Southwest is 2.5%

AMAFCA has identified the drainage system in this application has and continues to damage
the downstream drainage facility maintained by AMAFCA and the Middle Rio Grande
Conservancy District. AMAFCA recommends that this case be deferred until such issues
are addressed and additional information is provided to AMAFCA for review.

Response: AMAFCA coordinating with city engineer.

### Hydrology Section: (Reviewer: David G. Gutierrez, P.E.)

- Hydrology needs an approved Grading and Drainage Plan prior to approval of Site Plan for Building Permit.
  - Hydrology received the first submittal on 1/3/22 (B14D003B). Comments were sent on 1/27/22. Please resubmit the plans with comments addresses to PLNDRS@CABQ.GOV
  - Hydrology recommends a minimum 4-week deferral to allow sufficient time for all concerns to be addressed.

Response: Hydrology comments are pending full AMAFCA review. Jared Romero from AMAFCA is coordinating with city engineers to produce a full set of comments.

 The site will need to provide AMAFCA review and address the concerns with the outfall of this site prior to any approvals from Hydrology as well

Response: Jared Romero from AMAFCA is coordinating with city engineers to produce a full set of comments.

### Code Enforcement: (Reviewer: Jeff Palmer)

1. Property is Zoned MX-L (Mixed-Use Low Intensity) and is within CPO-2 (Coors Boulevard Protective Overlay) and VPO-1 (Coors Blvd View Protection Overlay). All standards and requirements of these areas must be followed, in addition to all other sections of the IDO, DPM, and other adopted City regulations.

Response: Refer to updated sheets A-100 Site Plan.

2. Dimensional standards and setbacks must meet all requirements of the MX-L, CPO-2, and VPO-1 sections of IDO. Please note CPO-2 requires a 35 foot setback from Coors Blvd, and indicate all setbacks to the building on the Site Plan.

Response: All setbacks/ distances from the property line can be found on the sheet C03.1 Stacking Plan and sheet A-100 Site Plan.

3. As per VPO-1, IDO 3-6(D), sight line/ view frame analysis & elevations will be needed if there is building on the Site Plan.

Response: Refer to sheet A-100 Site Plan for sight line/ view frame analysis.





4. Any existing parking agreements for cross-lot access or parking must be renewed/revised as needed.

Response: There is no existing parking agreement for cross-lot access. This project is self-contained within the project property lines. Refer to sheet A-100 for parking analysis and requirements.

5. Drive-through stacking requirements appear to be deficient, as per IDO 5-5(I), Table 5-5-8. Twelve spaces are required, only ten are shown.

Response: Sheet A-100 Site Plan, drawing has been updated and now shows 12 vehicles per IDO requirements. Refer to Parking Calculation and refer to typical car legend.

6. Parking calculations and site plan do not show required Motorcycle or Bicycle parking, as per IDO 5-5(D) and (E), Table 5-5-4 and 5-5-5.

Response: Refer to civil drawings and sheet A-100 for Motorcycle and bicycle location. Per IDO 5-5, the following are the required: Motorcycle – 2 (1 space for every 25 vehicle parking space. Bicycle – 5 (10% of the vehicle parking spaces)

 Landscaping along Coors must meet requirements of CPO-2, IDO 4-3(c)(5)(c), and VPO-1, IDO 3-6(D)(7). Any additional Landscape requirements of IDO 5-6 must also be met as required.

Response: Refer to updated Landscape sheet L-1 and L-2 for all landscape requirements have been met.

8. No walls see on plan – if added later, any walls/fences must meet requirements of IDO 5-7, and a separate permit obtained prior to construction.

Response: Acknowledge.

Colors of materials for façade/structures must meet all requirements of IDO 5-7, and a separate permit obtained prior to construction.

Response: Refer to sheet A-202 Exterior Elevations exterior finish schedule.

10. Signage must meet all standards of CPO-2 and IDO 5-12. Need to revise notes/dimensions on page 7 for "Proposed Free Standing Sign" – IDO 5-12 allows an 18 foot height, but CPO-2 limits the height to nine feet, as per IDO 3-4(c)(5)(2)(c).

Response: Signage design in progress.

11. Height of proposed Free Standing Sign: notes on the sign elevation for the free standing sign state that the "existing sign is less than 15 feet," and drawings show the proposed sign is to be raised to 18 feet. The existing sign is a "Nonconforming Structure," as per IDO 6-8. Expansion of the height or size of the existing non-conforming sign is prohibited without approval of the Zoning Hearing Examiner (ZHE), as per IDO 6-6-6(C). You are allowed to alter the sign/structure, as per IDO 6-8(D), as long as it does not increase the level of non-conformance. Measure the square footage of the existing sign, match that size with your proposed sign, and do not exceed the total height of the existing sign.

Response: Signage design in progress.





### <u>Department of Transportation: (Reviewer: Keith Thompson)</u>

 Please coordinate with NMDOT District 3 Assistant Traffic Engineer Margaret Haynes to discuss this development's potential impacts to NM 448 (Coors Rd) and any Access Permit requirements. Margaret. Haynes@state.nm.us Cell: 505-288-2086

Response: Offsite plans have been submitted for review to MNDOT. Final permit to be granted after completion of offsite work.

### <u>Transportation Development: (Reviewer: Jeanne Wolfenbarger, P.E.)</u>

 A Traffic Impact Study is required for approval prior to approval of the site plan. All recommended infrastructure as part of the Traffic Impact Study shall be placed onto an infrastructure list.

Response: Traffic impact has been completed.

 All work within Coors Blvd. right-of-way shall be coordinated with the NMDOT and require a state permit. Add note to this affect on the plan. Provide 6-foot wide sidewalk construction along Coors, coordinate the sidewalk construction with the NMDOT and include detectable warning surfaces on ramps.

Response: Note added to Title Sheet C01.0. A 6-foot sidewalk along Coors Blvd has been added to site refer to sheet C03.0 Site Plan and sheet C05.0 Grading Plan

3. Meet minimum curb radii requirements per the Development Process Manual. Provide a minimum 15-foot radius for cars and a 25-foot radii for inner curb radius within the drive-thru lanes.

Response: Drive through lane widths are a minimum of 14' therefore are able to have an interior radius of 15' per DPM Section 7-4(K)20. Refer to sheet C03.1 Staking Plan

4. Seek Fire Marshall approval prior to site plan approval.

Response: Fire 1 Plan has been approved by the Fire Marshal see attached F-1 Fire one sheet.

5. A minimum 6-foot ADA pathway shall be provided to the buildings from the handicapped spaces and from the building to the right-of-way

Response: ADA pathways have been updated to have a 6-foor minimum width.

6. Provide sidewalk, curb, and curb ramp details. Reference correct curb ramp details with keyed notes on the site plan.

Response: Refer to detail sheets C03.0. C03.3 and C03.4 for detail information.

7. For the drive-thru, one-way, "Do Not Enter" signage, and pavement arrows shall be called out on the site plan.

Response: Refer to sheet C03.0 Site Plan and A-100 Site plan for the location of the "Do not enter" signage and directional arrows.



8. Show stacking with 20-foot minimum car lengths. A minimum of 12 vehicles for a restaurant is required per IDO. Also, provide a queuing analysis for this specific restaurant to determine additional stacking requirements.

Response: Sheet A-100 Site Plan, drawing has been updated and now shows 12 vehicles per IDO requirements. Refer to Parking Calculation and refer to typical car legend. Per Panda national standard please see chart below for typical queuing information.

# of cars within drive-thru lane	Menu board Location	
12	8 <sup>th</sup> car	
11 7 <sup>th</sup> car		
10	7 <sup>th</sup> car	
9 6 <sup>th</sup> car		
8	6 <sup>th</sup> car	
7 5 <sup>th</sup> car		
*No drive-thru should be less than 7 cars in length		

Per Panda national average queue wait times is an average of 3.7 minutes per national average wait time base on the data provided.

- Avg DT total time was 3:27
- Avg Car per store per day was 148

Metrics		DT Avg	Time			Avg Cars F	er Day	
Store	2021P13	2022P1	2022P2	Average	2021P13	2022P1	2022P2	Average
2217	2:50	2:40	2:37	2:42	235	227	236	233
2236	4:23	5:38	4:55	4:57	146	129	140	139
2294	3:30	2.57	2:38	2:56	49	75	93	72
Average	3:26	3:36	3:18	3:27	143	144	157	148

9. Call out curb on the site plan with keyed notes. A minimum 6"-8" curb is required to separate parking lot and spaces from landscaped islands and sidewalk.

Response: Refer to detail sheets C03.2, C03.3 and C03.4 for further information.

10. Provide handicapped signage details, and show "No Parking" on the pavement in the back of the van accessible aisle. Label handicapped spaces with a keyed note on the site plan.

Response: Refer to sheet C03.2 Hardscape Details I

11. Motorcycle and bicycle parking details are needed. Provide these required spaces on the plan. Follow DPM requirements for the bike rack details.

Response: Bicycle parking per Figure 7.4.115 of DPM, specs per architectural plan. Motorcycle parking detail per Figure 7.4.116 of DPM

12. Show all parking calculations including those for the handicapped spaces, motorcycle, and bicycle parking.

Response: Note added to clarify that parking calculations are per IDO 5-5

13. Clearly show property liens on the site plan.

Response: Made property lines a thicker line and added the line type to the legend on sheet C03.0 Site Plan





14. Provide clear intersection sight distance triangles at the entrance. Reflect these on the site plan and landscaping plan. Provide standard note on landscaping height requirements within this sight triangle.

Response: Refer to sheet A-100 Site Plan and L-1 for sight distance triangles at entrance.

### Middle Rio Grande Conservancy District: (Reviewer: )

1. Please add MRGCD R/W information to match MRGCD records.

Response: MRGCD approval/comments are not needed. Confirm through conversation with DeAnn Philips (MRGCD) and Christopher Medina (Terra Land Survey)

2. Please add MRGCD Approval Note.

Response: MRGCD approval/comments are not needed. Confirm through conversation with DeAnn Philips (MRGCD) and Christopher Medina (Terra Land Survey)

3. Please add MRGCD Signature Line in future Signature Block.

Response: MRGCD approval/comments are not needed. Confirm through conversation with DeAnn Philips (MRGCD) and Christopher Medina (Terra Land Survey)

4. Final Plat Approval Signature required by the MRGCD

Response: MRGCD approval/comments are not needed. Confirm through conversation with DeAnn Philips (MRGCD) and Christopher Medina (Terra Land Survey)

### PNM Comments: (Reviewer: )

1. It is the applicant's obligation to determine if existing utility easements or rights-of-way are located on or adjacent to the property and to abide by any conditions or terms of those easements.

Response: Easements and existing utilities located per ALTA from Terra Land Survey, dated June 4, 2022

2. Any existing and/or new PNM easements and facilities need to be reflected on the resulting Site Plan and any associated Plat.

Response: Existing easements plotted per ALTA from Terra Land Surveys, dated June 4, 2022

3. PNM has existing facilities and/or easements along the Coors Blvd frontage of the site and along the eastern side of the site.

Response: Acknowledge.

4. Any existing easements may have to be revisited and/or new easements may need to be created for any electric facilities as determined by PNM

Response: Acknowledge.

5. Structures, especially those made of metal like storage buildings and canopies, should not be within or near PNM easements.

Response: There are no proposed structures in PNM easements.





6. Perimeter and interior landscape design design should abide by any easement restrictions and not impact PNM facilities. Any trees within or near PNM easements including required Street Trees along Indian School Road are possible and should comply with IDO Section 5-6(C)(10).

Response: Due to overhead power lines, small trees have been used at 20' on center. No trees are placed within easements.

7. The applicant should contact the PNM New Service Delivery Department to coordinate electric service regarding this project as soon as possible. Please submit a service application at <a href="https://pnmnsd.powerclerk.com/MvcAccount/Login">https://pnmnsd.powerclerk.com/MvcAccount/Login</a> for PNM to review.

Response: New service shall be coordinated with PNM

8. If existing electric lines or facilities need to be moved, then that is at the applicant's expense. Please contact PNM as soon as possible at <a href="https://pnmnsd.powerclerk.com/MvcAccount/Login">https://pnmnsd.powerclerk.com/MvcAccount/Login</a> for PNM to review.

Response: Acknowledge

### Parks abd /Recreatuib /Department: (Reviewer: )

1. Per IDO 5-6(C)(5)(e) "Organinc mulch is required as ground cove under trees within a 5-foot radius around the tree trunk, but not directly against the trunk. In these areas, weed barrier fabric is prohibited." Please add this note with arrow to the location on the Tree Planting detail. Is there reason Coors Blvd is not planted with shrubs in addition to trees?

Response: Organic mulch is used throughout the site, per the mulch note on sheet L-1 Planting Plan. No weed fabric is specified for any location; a note to this effect has been added to the mulch note. Due to the proposed sidewalk now shown, we anticipate that existing shrubs will be removed, and new proposed shrubs are shown.

Rose Miranda, Assoc. AIA Associate

### **Heights Venture**

Architecture + Design
1111 North Loop West, Suite 800
Houston, Texas 77008

**D: 281.854.6152** O: 713.869.1103

OWNER PANDA EXPRESS, INC. 1683 WALNUT GROVE AVE. T: 626-799-9898 F: 626-372-8288 CONTACT: CLAY WORTHY

MECHANICAL, PLUMBING, ELECTRICAL

JAMES F. TURNER ENGINEERS, LP

8340 MEADOW ROAD, SUITE 160

CONTACT: NICK POLCARI, P.E.

DALLAS, TX 75231

WATER / SEWER

WCO

WASTE CLEAN OUT

**ABBREVIATIONS** 

Scale= NTS G-001

ALBUQUERQUE BERNALILLO

ONE CIVIC PLAZA NW., ROOM 5027

COUNTY WATER UTILITY

ALBUQUERQUE, NM 87102

CONTACT: CHRIS GUSTAFSON

T: 214-750-2900

ARCHITECT HEIGHTS VENTURE ARCHITECTS LLP 1111 NORTH LOOP W. SUITE 800 T: 281-854-6119 (ERIC ABELN) T: 281-854-6152 (ROSE MIRANDA)

CONTACT: ERIC ABELN

JAMES F. TURNER ENGINEERS, LP 8340 MEADOW ROAD, SUITE 160 T:214-750-2900 CONTACT: RON WHITTINGTON

STRUCTURAL

RTM ENGINEERING CONSULTANT 650 E. ALGONQUIN RD., SUITE 250 SCHAUMBURG, IL 60173 T: 857-756-4180 CONTACT: TIM SHOEMAKER

CIVIL

LANDSCAPE EVERGREEN DESIGN GROUP 2375 E. CAMELBACK RD., SUITE 600 PHOENIX, AZ 85016 T: 800-680-6630 CONTACT: RODNEY McNABB

# TEAM DIRECTORY

Scale= NTS G-001

**BUILDING DEPARTMENT** PLANNING/ZONING BUILDING DEPARTMENT -PLANNING ZONNING DEPARTMENT 600 COMMERCIAL PLAN 600 SECOND NW (PLAZA DEL SOL BUILDING) 600 SECOND NW ALBUQUERQUE, NM 87102 CONTACT: RICK DE REYES T: 505-924-3931

(PLAZA DEL SOL BUILDING) ALBUQUERQUE, NM 87102 CONTACT: DEAN KADELL

FIRE DEPARTMENT FIRE DEPARTMENT 11500 SUNSET GARDENS SW ALBUQUERQUE, NW 87121 T: 505-934-1021 CONTACT: LT. TOM RUIZ

PUBLIC WORKS ENGINEERING DEPARTMENT 600 SECOND NW (PLAZA DEL SOL BUILDING) ALBUQUERQUE, NM 87102 EMAIL: MGRUSH@CABQ.GOV CONTACT: MATTHEW GRUSH

HEALTH DEPARTMENT

**TELEPHONE COMPANY** CENTURY LINK COMMUNICATIONS 6TH STREET AND GOLD AVE. ALBUQUERQUE, NM 87102

CONTACT: BUSINESS CUSTOMER

GAS / ELECTRIC

T: 888-245-3659

T: 505-398-4278

414 SILVER AVE. SW.

ALBUQUERQUE, NM 87102

CONTACT: BUSINESS CUSTOMER

# JURISDICTIONAL AUTHORITIES

I. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FULLY EXAMINE THE SITE CONDITION, AND AVAILABLE UTILITIES AND TO NOTIFY THE OWNER'S REPRESENTATIVE. IN WRITING OF ANY AND ALL DISCREPANCIES BETWEEN THE SAID EXISTING CONDITIONS AND THESE DRAWINGS. NO CLAIMS FOR ADDITIONAL COMPENSATION SHALL BE MADE OR SHALL BE VALID UNLESS WRITTEN NOTIFICATION IS RECEIVED BY THE OWNER'S REPRESENTATIVE AND THE ADDITIONAL COMPENSATION IS APPROVED IN ADVANCE OF PROCEEDING WITH THE WORK.

2. IN ADDITION TO THE GENERAL NOTES LISTED HEREIN, A.I.A. DOCUMENT A201 GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION SHALL APPLY.

3. ALL WORK SHALL BE PERFORMED AS TO COMPLY WITH ALL GOVERNING STATUTES, ORDINANCES, REGULATIONS, CODES AND INSURANCE RATING BOARDS. NO WORK SHALL COMMENCE UNTIL ALL GOVERNMENTAL AND JURISDICTIONAL PERMITS AND APPROVALS ARE OBTAINED

4. ALL WORK SHALL BE PERFORMED IN A FIRST CLASS MANNER AND SHALL BE IN GOOD AND USABLE CONDITION AT THE DATE OF COMPLETION THEREOF.

5. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR INSTALL OR PERMIT TO BE INSTALLED, ANY MATERIALS CONTAINING ASBESTOS

6. THE TERM "OWNER" OR "TENANT" SHALL REFER TO PANDA EXPRESS AND ITS AGENTS OR REPRESENTATIVES. THE TERM "GENERAL CONTRACTOR" AND "G.C." SHALL REFER TO THE PERSON AND/OR PERSONS WHO HAVE CONTRACTED OR SUBCONTRACTED FOR THE WORK.

THE ABBREVIATION OF "N.I.C." INDICATES WORK AND OR MATERIAL THAT IS NOT IN THE CONTRACT OF THE GENERAL CONTRACTOR, HOWEVER THIS DOES NOT RELIEVE THE G.C. OF THE RESPONSIBILITY OF COORDINATION.

8. NOT USED ADD TDLR # FOR TEXAS PROJECTS. KEEP, "NOT USED" FOR ALL OTHER LOCATIONS.

9. THE LOCATIONS OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDIVIDUALLY VERIFIED BY THE OWNER OR HIS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL

10. ALL WALL & CEILING CONSTRUCTION SHALL BE SUPPORTED BY STRUCTURE & NOT BY ROOF DECK IF APPLICABLE.

11. IT IS THE G.C.'S RESPONSIBILITY TO MAKE SURE EACH SUB HAS THE FULL SET OF DRAWINGS FROM WHICH TO BASE THEIR ESTIMATE. IF CONFLICTS ARISE AFTER THE BID THE G.C. ACCEPTS FULL RESPONSIBILITY FOR COST INCREASES IF THE SUB WAS NOT GIVEN THE FULL SET OF DRAWINGS.

SYMBOLS

Scale= NTS G-001

# PANDA EXPRES



S8-22-D8582

# DRB SUBMITTAL SET

10126 COORS BLVD. NW. ALBUQUERQUE, NM 87114 DRB - PR-2022-006547

Extra Space Storage prouts Farmers Market La Cantera Apartments Alameda Br West Par PROPOSED ——/ PANDA EXPRESS

**VICINITY MAP** 

Scale= NTS G-001

E-104 ROOF POWER PLAN E-106 SITE PHOTOMETRIC PLAN E-200 ELECTRICAL ELEVATIONS E-400 ELECTRICAL DETAILS, DIAGRAMS -401 ELECTRICAL DETAILS, DIAGRAMS -601 PANELS, SINGLE LINE, LOAD CALC'S

G-001 TITLE SHEET G-002 SPECIFICATIONS
G-003 SPECIFICATIONS
G-004 SPECIFICATIONS G-005 SCHEDULES
G-006 LIFE SAFETY PLAN C01.0 CIVIL COVER SHEET
C01.1 GENERAL NOTES • • C02.0 ALTA/ACSM SURVEY (BY OTHERS) C02.1 DEMOLITION PLAN (IF NEEDED) C03.0 SITE PLAN
C03.1 STAKING PLAN 03.2 HARDSCAPE DETAILS I C03.3 HARDSCAPE DETAILS II C03.4 HARDSCAPE DETAILS III C04.0 UTILITY PLAN C04.1 BUILDING UTILITY DETAIL PLAN (IF NEEDED) C04.2 PROFILES
C05.0 GRADING AND DRAINAGE PLAN • • C05.1 BUILDING DRAINAGE DETAIL PLAN (IF NEEDED) 2.06.0 SWPPP PLAN (IF REQUIRED) EH.01 EXISTING PERVIOUS AND IMPERVIOUS AREAS EH.02 PROPOSED PERVIOUS AND IMPERVIOUS AREAS F1 FIRE ONE PLAN LANDSCAPE L01.0 LANDSCAPE PLAN L01.1 LANDSCAPE DETAILS ARCHITECTURAL A -100 SITE PLAN ARCHITECTURAL A -101 KITCHEN PLAN
A -102 ROUGH - IN PLUMBING PLAN A -103 FLOOR PLAN A -104 FINISH PLAN AND SCHEDULE A - 105 REFLECTED CEILING PLAN A - 103 REFLECTED CEILING PLAN

A - 106 REFLECTED CEILING PLAN - FRETWORK PLAN

A - 107 ROOF PLAN

A - 108 CONDENSER RACK DETAIL A - 109 FURNITURE PLAN A - 200 EXTERIOR ELEVATIONS A - 201 EXTERIOR ELEVATIONS A - 202 EXTERIOR COLOR ELEVATIONS A - 301 WALL SECTIONS A - 302 WALL SECTIONS A - 303 WALL SECTIONS
A - 304 WALL SECTIONS
A - 305 WALL SECTIONS
A - 400 ARCHITECTURAL DETAILS A - 400.1 ARCHITECTURAL DETAILS A - 400.2 ARCHITECTURAL DETAILS A - 401 ARCHITECTURAL DETAILS
A - 402 ARCHITECTURAL DETAILS A - 403 ARCHITECTURAL DETAILS A - 405 ARCHITECTURAL DETAILS - DRIVE THRU A - 407 PATIO & TRASH ENCLOSURE DETAILS A - 500 INTERIOR ELEVATIONS A - 501 INTERIOR ELEVATIONS A - 502 KITCHEN ELEVATIONS
A - 503 ENLARGED RESTROOM PLANS AND ELEVATIONS A - 600 SUN STUDY ANALYSIS S - 000 STRUCTURAL NOTES & SPECIAL INSPECTIONS S - 100 FOUNDATION PLAN S - 101 ROOF FRAMING PLAN S - 200 FOUNDATION DETAILS S - 201 TYPICAL FOUNDATION DETAILS S - 300 FRAMING SECTIONS S - 301 TYPICAL FRAMING DETAILS & SECTIONS - 100 WATER AND GAS PLAN P - 101 WASTE & VENT PLAN P - 500 PLUMBING DETAILS M-000 MECHANICAL NOTES, SPECIFICATIONS & SCHEDULES M-100 HVAC FLOOR PLAN & HVAC ROOF PLAN M-400 HOOD DETAIL PLAN M-401 HOOD DETAIL PLAN M-402 HOOD DETAIL PLAN M-403 HOOD DETAIL PLAN M-404 HOOD DETAIL PLAN M-500 KITCHEN HOOD DETAILS M-501 MECHANICAL DETAILS ELECTRICAL E-000 ELECTRICAL SYMBOLS, SPECIFICATIONS, NOTES E-001 ELECTRICAL SCHEDULES E-100 POWER FLOOR PLAN
E-101 LIGHTING FLOOR PLAN E-101.1 CANOPY LIGHTING PLAN E-102 SECURITY CAMERA PLAN



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**REVISIONS:** ∖ I DRB RESUBMITTAL

**ISSUE DATE:** DRB SUBMITTAL

PANDA PROJECT #: S8-22-D8582 PANDA STORE #: D8582

ARCH PROJECT #: 21084

DAVID S. ROSELIUS

1111 North Loop West, Suite 800 5741 Legacy Drive, Suite 320 Plano, Texas. 75024 972 490 7292 V Houston, Texas 77008 713 869 1103 V

PANDA EXPRESS

TRUE WARM & WELCOME

10126 COORS BLVD. NW ALBUQUERQUE, NM 87114

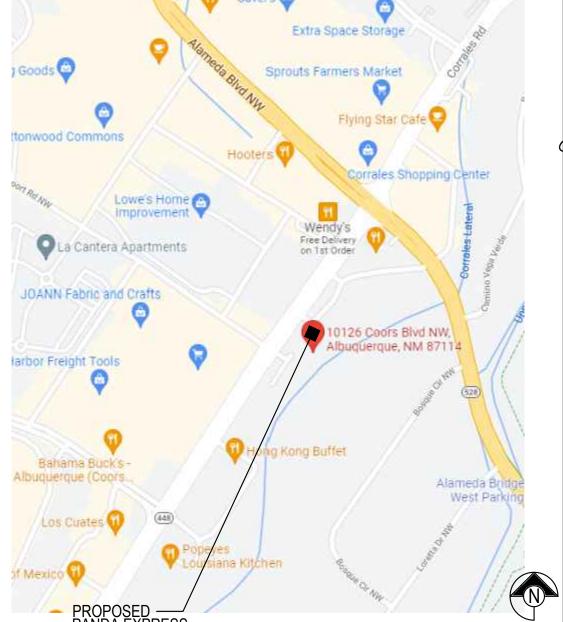
G-00′

PR-2022-0065

TITLE SHEET

## GENERAL NOTES Scale= NTS G-001 DOOR TYPE WINDOW TYPE ALUMINUM

BALL VALVE (FULL PORT) FLOOR FINISH CONDUIT WALL TYPE CONDUIT ONLY COLD WATER STRUCTURAL GRID **EXISTING ELECTRICAL CONTRACTOR** CEILING FINISH **ELECTRICAL WATER HEATER EXTERIOR** WALL FINISH FACE OF FINISH FACE OF STUD KITCHEN EQUIPMENT FLOOR SINK **GENERAL CONTRACTOR** 101 ROOM NUMBER HOT WATER INDIRECT DRAIN MARK OF ELEVATION INTERIOR KITCHEN EQUIP. CONTRACTOR LANDLORD MECHANICAL CONTRACTOR NEW NOT IN CONTRACT NOT TO SCALE OUTSIDE AIR ON CENTER PLUMBING CONTRACTOR RETURN AIR REGISTER **NEW DOOR** ROUGH-IN HEIGHT STAINLESS STEEL TEMPERED GLAZING STRUCT STRUCTURE, STRUCTURAL EXT. ELEVS

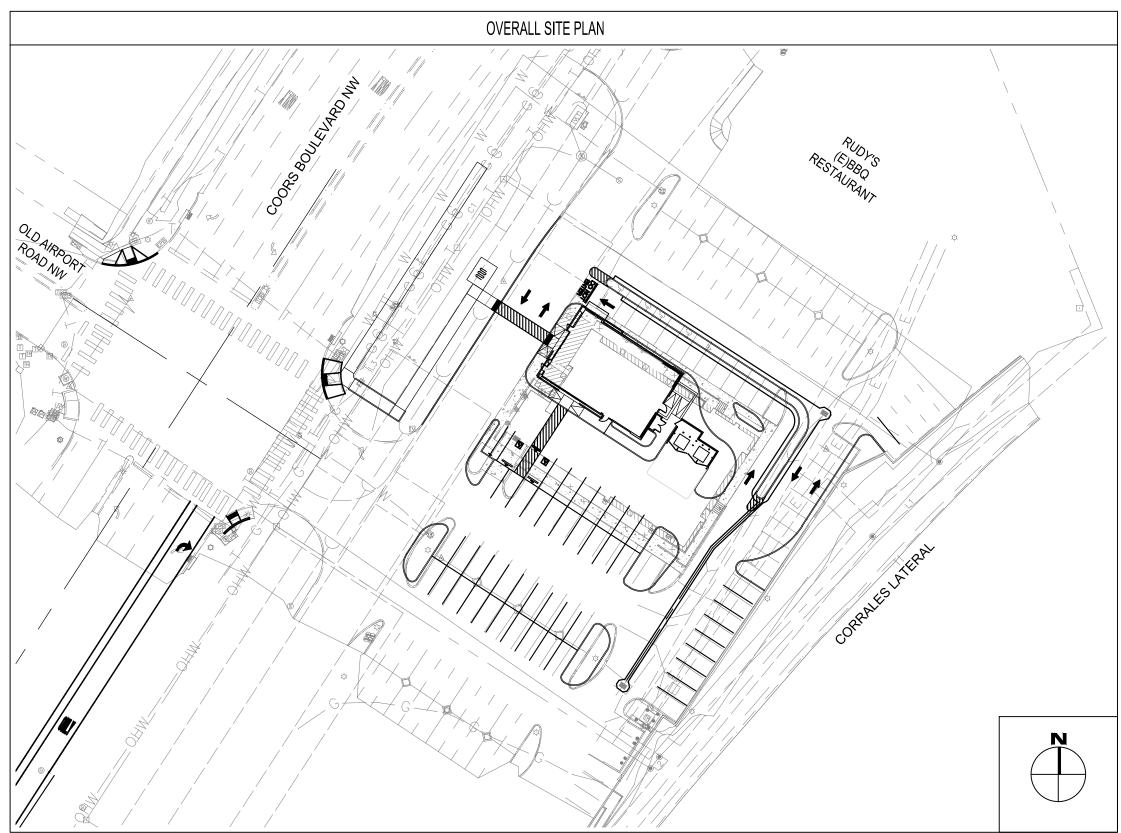


KEY PLAN

Scale= NTS G-001

SHEET INDEX

Scale= NTS G-00 TRUE WARM & WELCOME 2500 R1





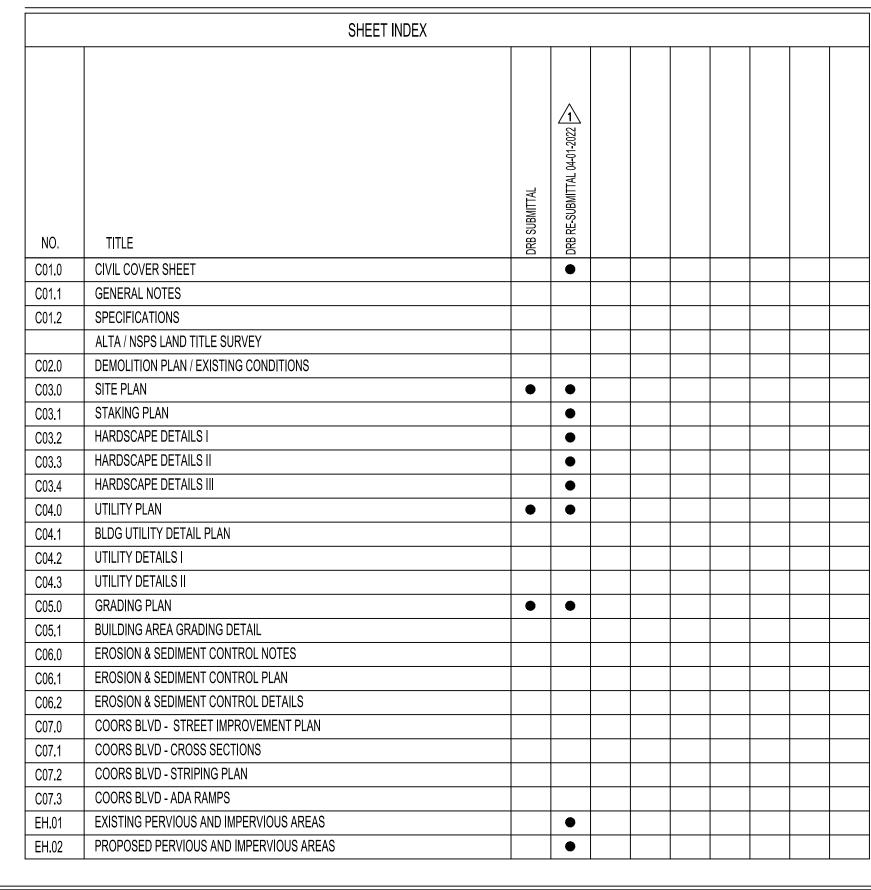
# STORE D8582 10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

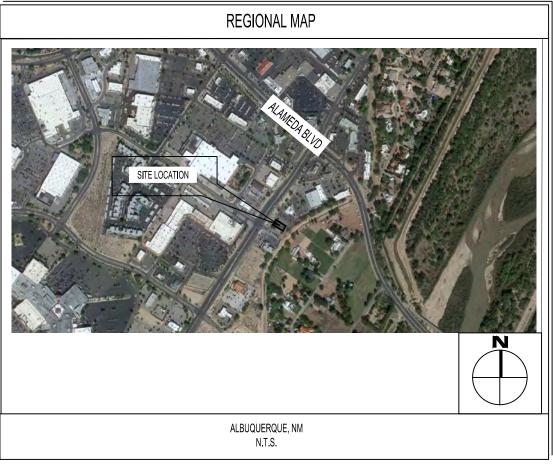


T.847.756.4180 | www.rtmassociates.com

PANDA EXPRESS, INC. 1683 WALNUT GROVE AVE. ROSEMEAD, CALIFORNIA 91770 PHONE: 626.799.9898 FAX: 626.372.8288

PREPARED FOR:





# ALBUQUERQUE, NM

## BENCHMARKS

LEGAL DESCRIPTION FOR LOT 2A-1. NORTHEAST PORTION OF BLACK RANCH: (AS PROVIDED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY) LOT 2A-1 OF THE NORTHEAST PORTION

BEGINNING AT A 1/2" REBAR FOUND FOR THE NORTHWEST CORNER OF SAID LOT 2A-1, A POINT ON THE EASTERLY RIGHT OF WAY LINE OF COORS BOULEVARD N.W.; THENCE SOUTH FLOODPLAIN STATEMENT

CERTIFICATIONS, INSPECTIONS AND OR REPORTS. 1281.84 FEET, A CENTRAL ANGLE OF 1 DEG. 55'45" AND A CHORD BEARING OF NORTH 33 DEG. 54'17" EAST A DISTANCE OF 43.16 FEET (A DISTANCE OF 43.21 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1281.84 FEET, A CENTRAL ANGLE OF 1 DEG. 55'53" AND A CHORD BEARING OF NORTH 33 DEG. 40'12" EAST A DISTANCE OF 43.21 FEET OF RECORD) TO THE POINT OF BEGINNING.

IMPROVEMENTS BY OTHERS. PRIOR TO STAKING SURVEYOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL IMPROVEMENTS BY OTHERS AT TIE IN LOCATIONS. VERIFICATION SHALL BE BY LOCATING THE IMPROVEMENTS IN THE FIELD AND / OR CONFIRMING THE HORIZONTAL AND VERTICAL CONTROL OF THE LATEST PLANS BY OTHERS MATCHES THE PROPOSED IMPROVEMENTS.

I\_SURVEY PREPARED BY TERRALAND SURVEYS, LLC, DATED-JUNE 2021. AND REQUIRES A SEPARATE STATE PERMIT.

2. THE CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ALL UTILITIES SHOWN IN THE UTILITY LOCATIONS SHOWN SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD

3. PLANS BASED UPON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON CONSULTANTS, INC. DATED AUGUST 18, 2021.

## PANDA EXPRESS STANDARD NOTES

OF THE CONTRACT DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY T

OWNER PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE AND ADJUST LOCATION OF LOOP DETECTORS

SHALL INCLUDE BOTH LANDSCAPING AND IRRIGATION.

### CAUTION NOTICE

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND / OR FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INCURRING ANY CONSTRUCTION RELATED COSTS. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING, OR

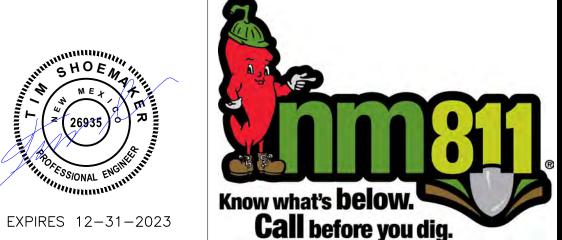
ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO

ADDITIONAL OR FEWER UTILITIES MAY EXIST THAN SHOWN.

Traffic Engineering, Transportation Division ABCWUA Parks and Recreation Department City Engineer/Hydrology Code Enforcement \* Environmental Health Department (conditional) Solid Waste Management DRB Chairperson , Planning Department



PR-2022-006547 **PROJECT NUMBER:** PR-2022-00216 **Application Number:** This plan is consistent with the specific Site Development Plan approved by the Development Review Board Application (DRB), dated the Findings and Conditions in the Official Notification of Decision are satisfied. DRB SITE DEVELOPMENT PLAN APPROVAL:





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REV	ISIONS:	
1	DRB RESUBMITTAL	04-06

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ISSL	JE DATE:	
	DRB SUBMITTAL	12-28-2

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: D8582



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Houston, Texas 77008

713 869 1103 V

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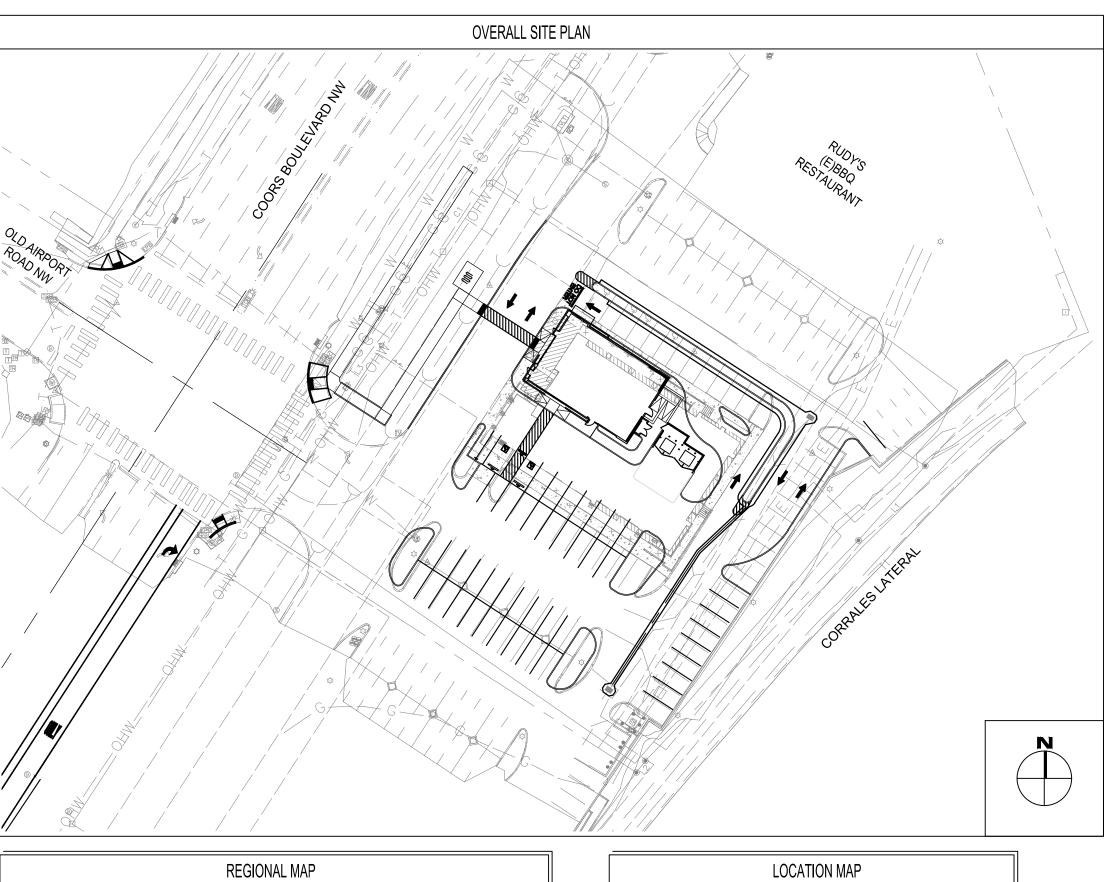
10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

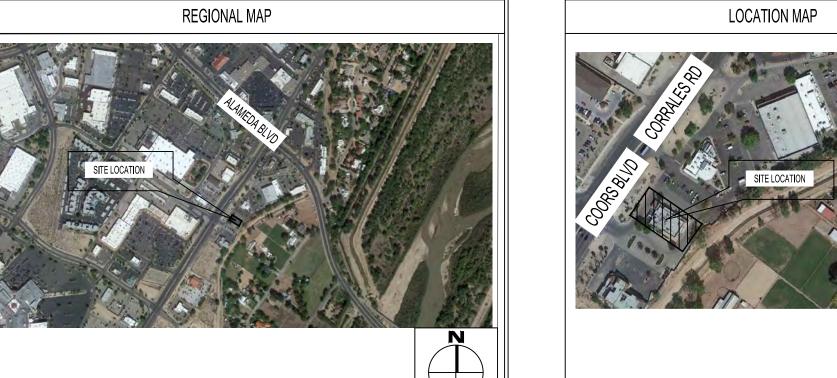
**COVER SHEET** 

C01.0

PR-2022-

10126 COORS BOULEVARD





## LEGAL DESCRIPTION

OF BLACK RANCH, 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 MAY 5, 1995, IN VOLUME 95C, FOLIO 164 AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

57 DEG. 19'43" E, A MEASURED DISTANCE OF 270.47 FEET (SOUTH 57 DEG. 18'00" EAST 270.70 FEET OF RECORD) TO A 1/2" REBAR FOUND FOR THE NORTHEAST CORNER OF SAID LOT 2A-1, SAID POINT LYING ON THE WESTERLY RIGHT OF WAY LINE OF THE CORRALES ACEQUIA CANAL; THENCE SOUTH 41 DEG. 42'17" WEST ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 52.33 FEET (SOUTH 41 DEG. 41'06" WEST A DISTANCE OF 52.20 FEET OF RECORD) TO A FOUND 1/2" REBAR; THENCE SOUTH 43 DEG. 48'02" WEST, CONTINUING ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 159.71 FEET (SOUTH 41 DEG. 41'06" WEST A DISTANCE OF 159.84 FEET OF RECORD) TO A FOUND 1/2" REBAR; THENCE SOUTH 37 DEG. 22'13"WEST, CONTINUING ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 7.62 FEET (SOUTH 37 DEG. 07'39" WEST A DISTANCE OF 7.59 FEET OF RECORD) TO A 1/2" REBAR FOUND FOR THE SOUTHEAST CORNER OF SAID LOT 2A-1; THENCE NORTH 57 DEG. 18'46"WEST, A MEASURED DISTANCE OF 231.82 FEET (NORTH 57 DEG. 18'00" WEST A DISTANCE OF 231.68 FEET OF RECORD) TO A 5/8" REBAR WITH CAP SET FOR THE SOUTHWEST CORNER OF SAID LOT 2A-1, SAID POINT LIES ON THE EASTERLY RIGHT OF WAY LINE OF COORS BOULEVARD N.W. AND SAID POINT BEARS NORTH 32 DEG. 42'00" EAST A DISTANCE OF 182.23 FEET FROM A 1/2" REBAR FOUND FOR THE SOUTHWEST CORNER OF LOT 1A OF THE SAID NORTHEAST PORTION OF BLACK RANCH; THENCE NORTH 32 DEG. 42'00" EAST, ALONG SAID RIGHT OF WAY, A DISTANCE OF 172.77 FEET TO A FOUND 1/2" REBAR FOR A POINT OF CURVATURE, THENCE A DISTANCE OF 43.16 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF

TOGETHER WITH

EASEMENTS FOR INGRESS/EGRESS AS SET FORTH IN THE CERTAIN RECIPROCAL EASEMENT AGREEMENT RECORDED IN BOOK MISC. 790A, PAGE 676 AS DOCUMENT NUMBER 89-81278, RECORDS OF BERNALILLO COUNTY, NEW MEX

BASIS OF ELEVATIONS

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THE PREMISES SURVEYED ARE NAD 83 NEW MEXICO CENTRAL ZONE GRID BEARINGS BEING BASED ON A LINE BETWEEN THE AGRS CONTROL STATIONS LISTED ABOVE BEARING = N34°50'06"E.

NEW MEXICO STATE HIGHWAY CONTROL STATION "NM448-N12" DATA FOUND STANDARD BRASS DISC NAD 83 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATES NORTHING: 1,528,973.229 US SURVEY FEET EASTING: 1,521,354.471 US SURVEY FEET ELEV. = 5,026.132 US SURVEY FEET (NAVD 1988)

SITE BENCH MARK 2: AGRS STATION "8-B14 2003" DATA FOUND STANDARD 3 1/4 INCH ALUMINUM DISC NAD 83 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATES NORTHING: 1,528,602.961 US SURVEY FEET EASTING: 1,521,096.792 US SURVEY FEET

ELEV. = 5,025.358 US SURVEY FEET (NAVD 1988)

AREA LIES WITHIN FLOOD ZONE X (OTHER AREAS). AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP PER FIRM MARP PANEL 109 OR 825, MAP NO. 35001C0109H, MAP REVISED DATE 08/16/2021, BERNILILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS.

## **GENERAL NOTES**

1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK BY ALL FEDERAL, STATE, LOCAL, ETC. AGENCIES OR JURISDICTIONS HAVING APPROVAL AUTHORITY OVER WORK. THIS WORK INCLUDES BUT IS NOT LIMITED TO RECORD DRAWINGS,

2. SURVEYOR TO OBTAIN CAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR SHALL VERIFY ALL BENCHMARK, BASIS OF BEARINGS AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY SHALL BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION

3. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY COMPANIES AND CITY PRIOR TO BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK

4. PROPOSED IMPROVEMENTS SHOWN ON THESE PLAN ARE BASED UPON THE PROPOSED

6. ALL WORK WITHIN COORS BLVD (SR448) RIGHT-OF-WAY SHALL BE COORDINATED WITH NMDOT

1. SITE ACCESS CONTROL INCLUDING SAFETY FENCES AND TRAFFIC CONTROL, ALL CONSTRUCTION MEANS AND METHODS, AND SITE SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

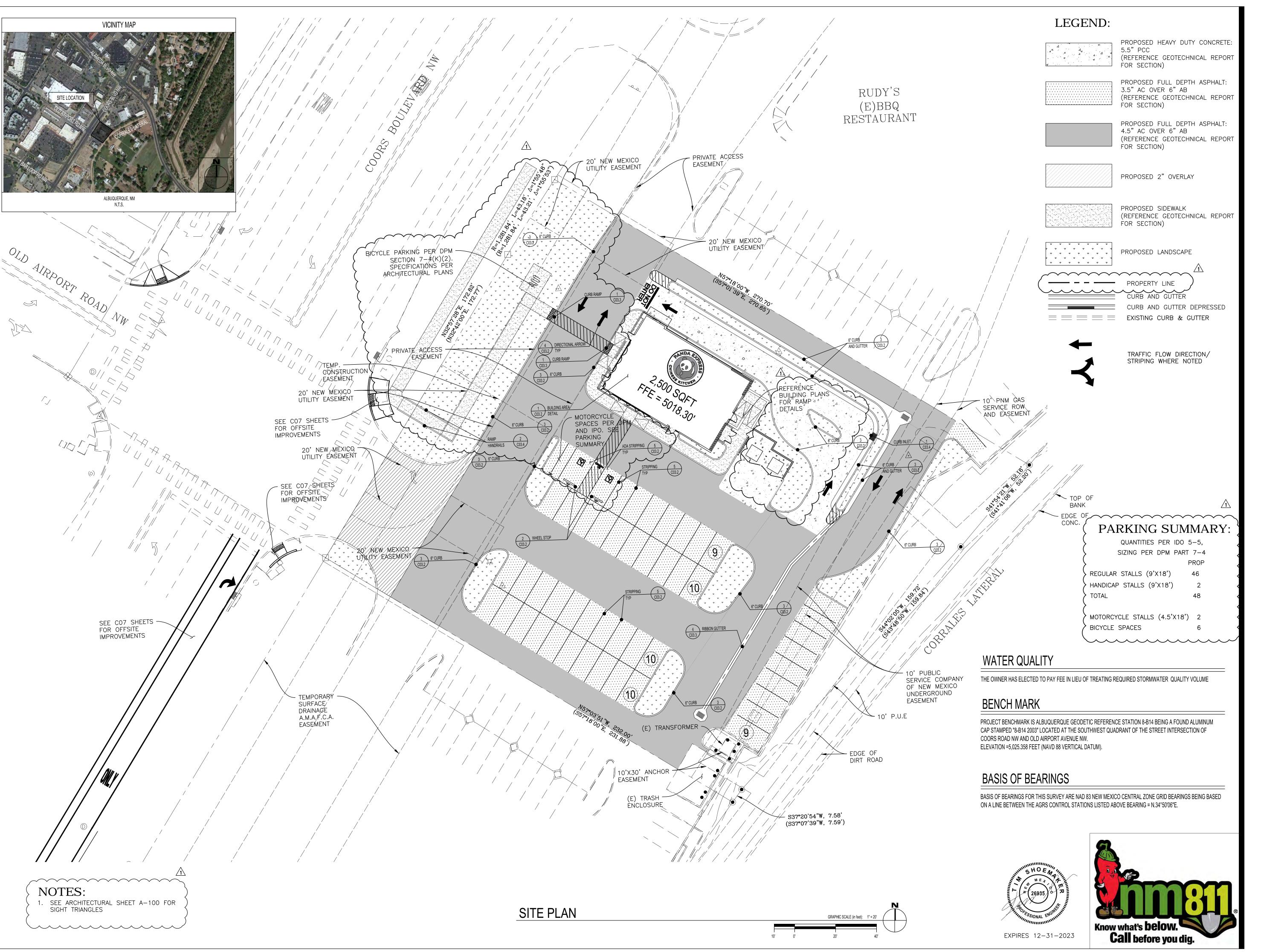
FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR PLANS ARE FROM RECORDS OR FIELD OBSERVABLE IN FORMATION LOCATED BY SURVEYOR, ANY

THE GEOTECHNICAL INVESTIGATION PREPARED BY TERRACON CONSULTANTS, INC DATED AUGUST 18, 2021 AND ANY SUBSEQUENT ADDENDUMS IS CONSIDERED PART COORDINATE THE REPORT'S RECOMMENDATIONS AND FINDINGS WITH THE OWNER, ENGINEER AND ARCHITECT PRIOR TO CONSTRUCTION. IMPLEMENTATION OF THE REPORT'S RECOMMENDATIONS MAY REQUIRE THE CONTRACTOR TO PERFORM ADDITIONAL WORK NOT SHOWN ON THE CIVIL PLANS INCLUDING BUT NOT LIMITED

TO EXCAVATION, REMEDIATION, DEWATERING, COMPACTION ETC. CONTRACTOR SHALL COORDINATE AND VERIFY LOCATION OF ALL SIGNAGE WITH

TO AVOID UTILITY CONFLICTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ENSURE 100% COVERAGE OF ALL LANDSCAPED AREAS WITHIN LIMITS OF WORK, INCLUDING POTENTIAL OFFSITE AREAS. COVERAGE

CONSTRUCTION.





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### **REVISIONS:**

1	DRB RESUBMITTAL	04-06-22

-28-

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #: ARCH PROJECT #: D8582



engineering consultants 650 E. Algonquin Road Suite 250 Schaumburg, IL 60173 Telephone: (847) 756 - 4180

www.rtmec.com OH Certificate of Authority: 05046

# Heights Venture ARCHITECTURE & DESIGN

1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240 Plano, Texas. 75024 972 490 7292 V Houston, Texas 77008 713 869 1103 V

SI-2022-

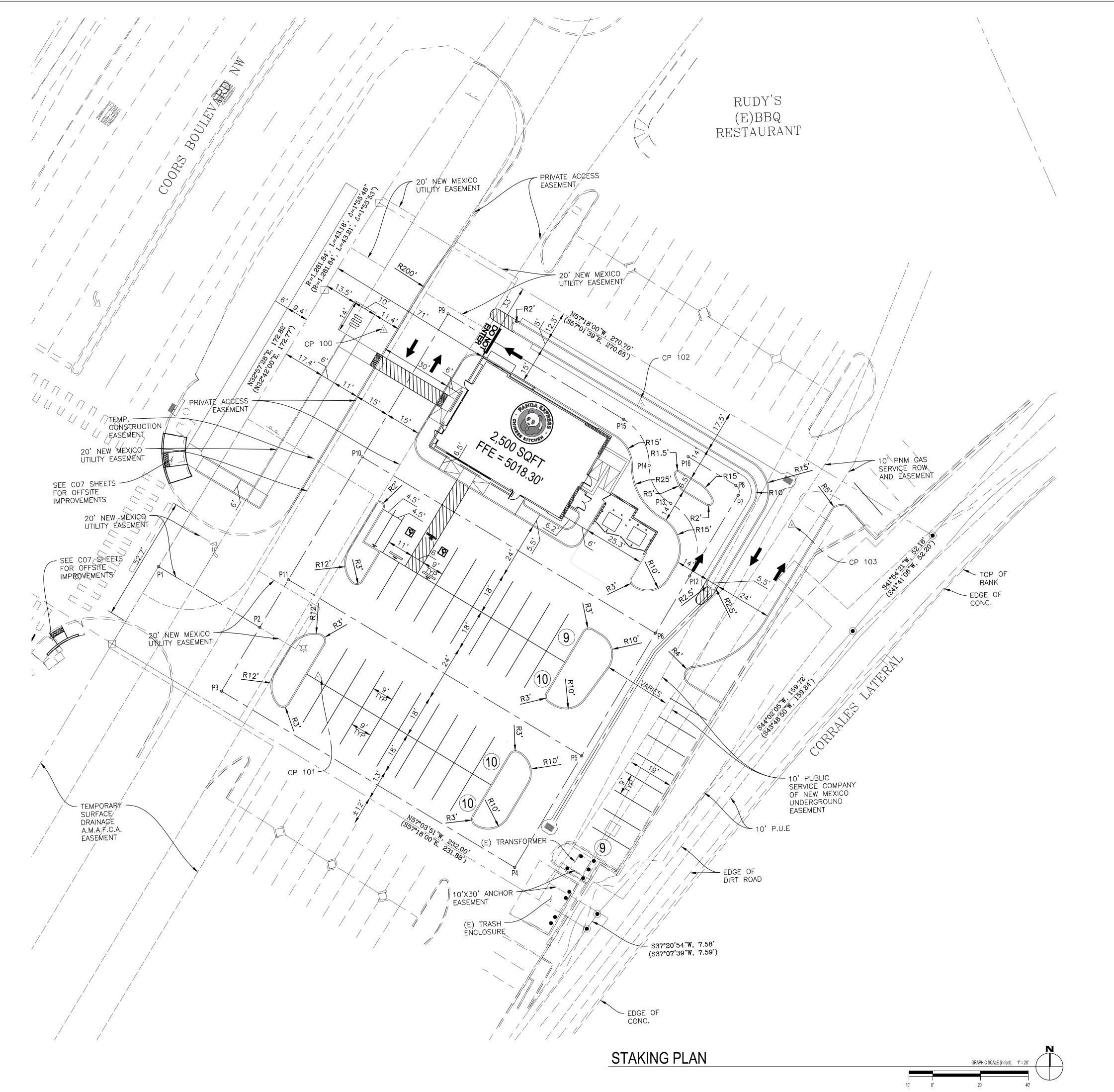
PR-2022-0065

PANDA EXPRESS

10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

SITE PLAN

C03.0



## STAKING NOTES

- 1. ALL DIMENSIONS ARE MEASURED TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 2. SEE SHEET C01.1 FOR GENERAL PROVISIONS.
- 3. SITE IS PARALLEL AND PERPENDICULAR TO WESTERN PROPERTY LINE.

CENTERLINE STAKING TABLE				
POINT DESC.	NORTH (Y)	EAST (X)		
P-1	1528561.91	1521225.15		
P-2	1528534.98	1521266.69		
P-3	1528508.82	1521249.73		
P-4	1528430.84	1521370.01		
P-5	1528476.57	1521399.65		
P-6	1528526.92	1521432.30		
P-7	1528583.48	1521468.97		
P-8	1528587.63	1521468.09		
P-9	1528663.56	1521350.06		
P-10	1528604.90	1521312.02		
P-11	1528554.55	1521279.38		
P-12	1528550.34	1521447.49		
P-13	1528581.03	1521440.59		
P-14	1528597.27	1521432.08		
P-15	1528616.87	1521422.07		
P-16	1528600.31	1521448.53		

	CP TABLE			
POINT DESC.	NORTH	EAST	ELEVATION	
CP 100	1528657.663	1521322.841	5,019.18'	
CP 101	1528513.564	1521290.443	5017.86'	
CP 102	1528623.271	1521429.445	5,015.53'	
CP 103	1528570.343	1521490.965	5,013.60'	
CP 104	1528513.564	1521290.443	5,017.86	

## BENCHMARK NOTES

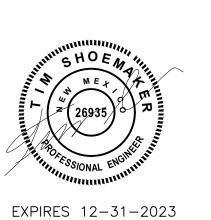
1. REFERENCE ALTA/NSPS LAND TITLE SURVEY BY TERRA LAND SURVEYS, LLC DATED 11/02/2021

2. BENCHMARK DESCRIPTION

PROJECT BENCHMARK IS ALBUQUERQUE GEODETIC REFERENCE STATION 8-B14 BEING A FOUND ALUMINUM CAP STAMPED "8-B14 2003" LOCATED AT THE SOUTHWEST QUADRANT OF THE STREET

INTERSECTION OF COORS ROAD NW AND OLD AIRPORT AVENUE NW. ELEVATION =5,025.358 FEET (NAVD 88 VERTICAL DATUM).

3. BENCHMARKS WILL BE DISTURBED BY CONSTRUCTION TO BE REPLACED PER CITY REQUIREMENTS.







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### **REVISIONS:**

1	DRB RESUBMITTAL	04-06-22

## ISSUE DATE:

DRB SUBMITTAL	12-28-21

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #:

ARCH PROJECT #: D8582



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# Heights Venture ARCHITECTURE & DESIGN

HOUSTON DALLAS

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Houston, Texas 77008
713 869 1103 V

DALLAS

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Plano, Texas. 75024
972 490 7292 V

# PANDA EXPRESS

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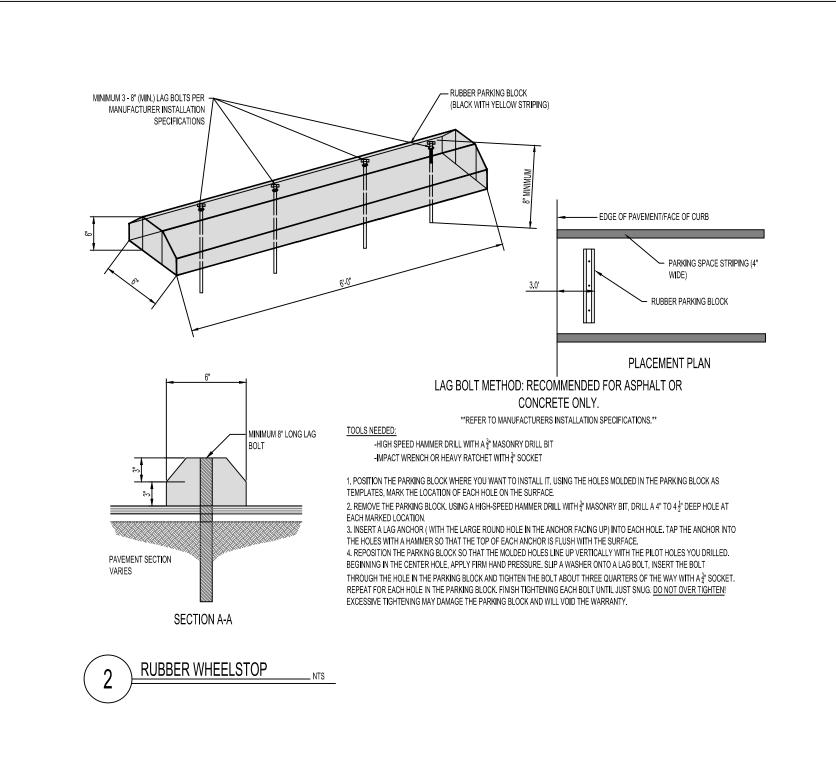
- PR-2022-006547

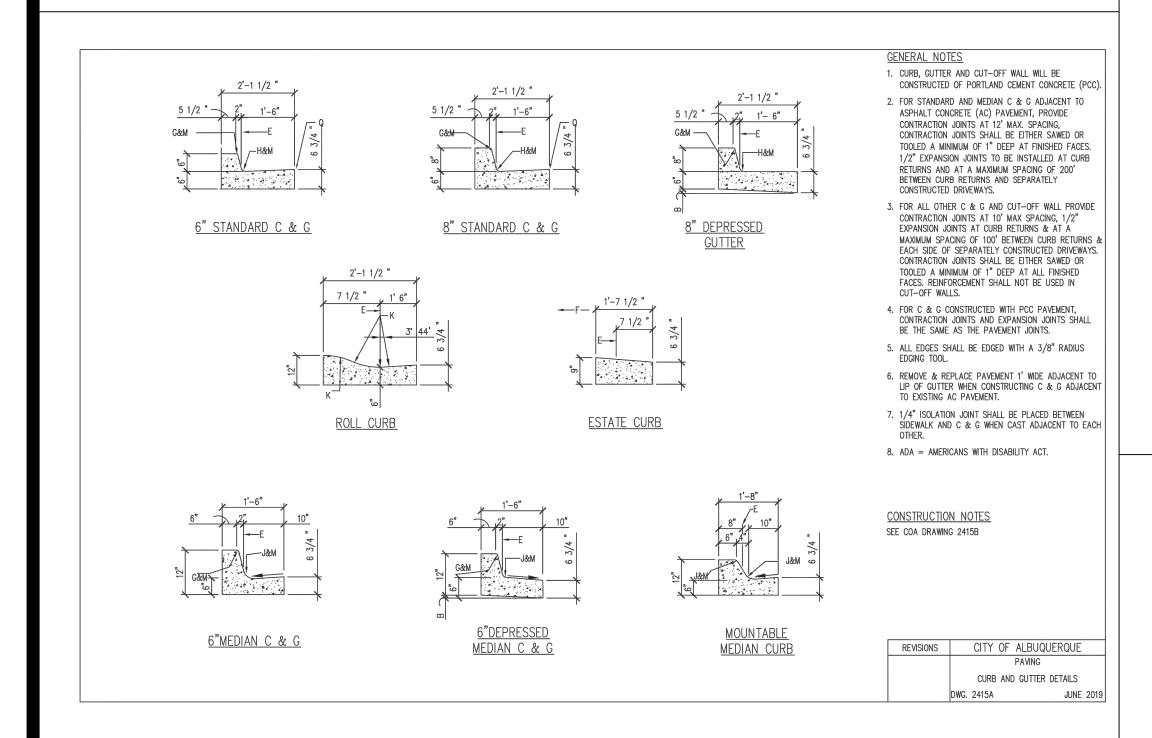
DRB

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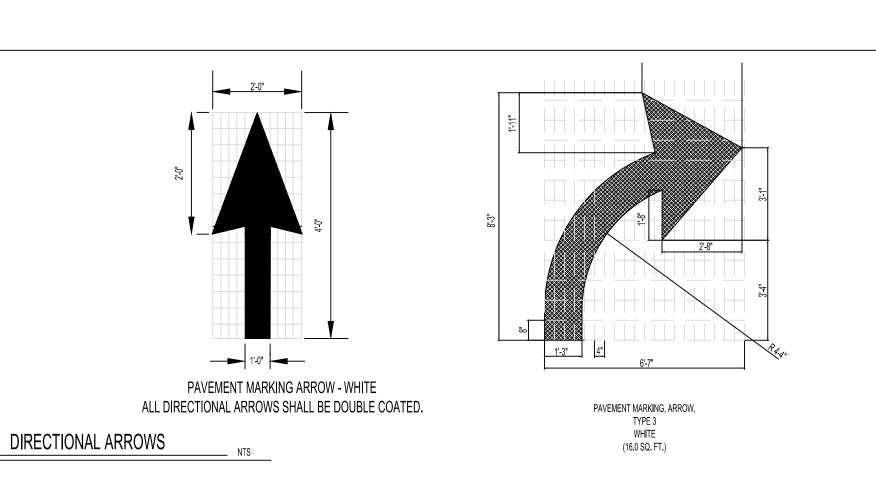
STAKING PLAN

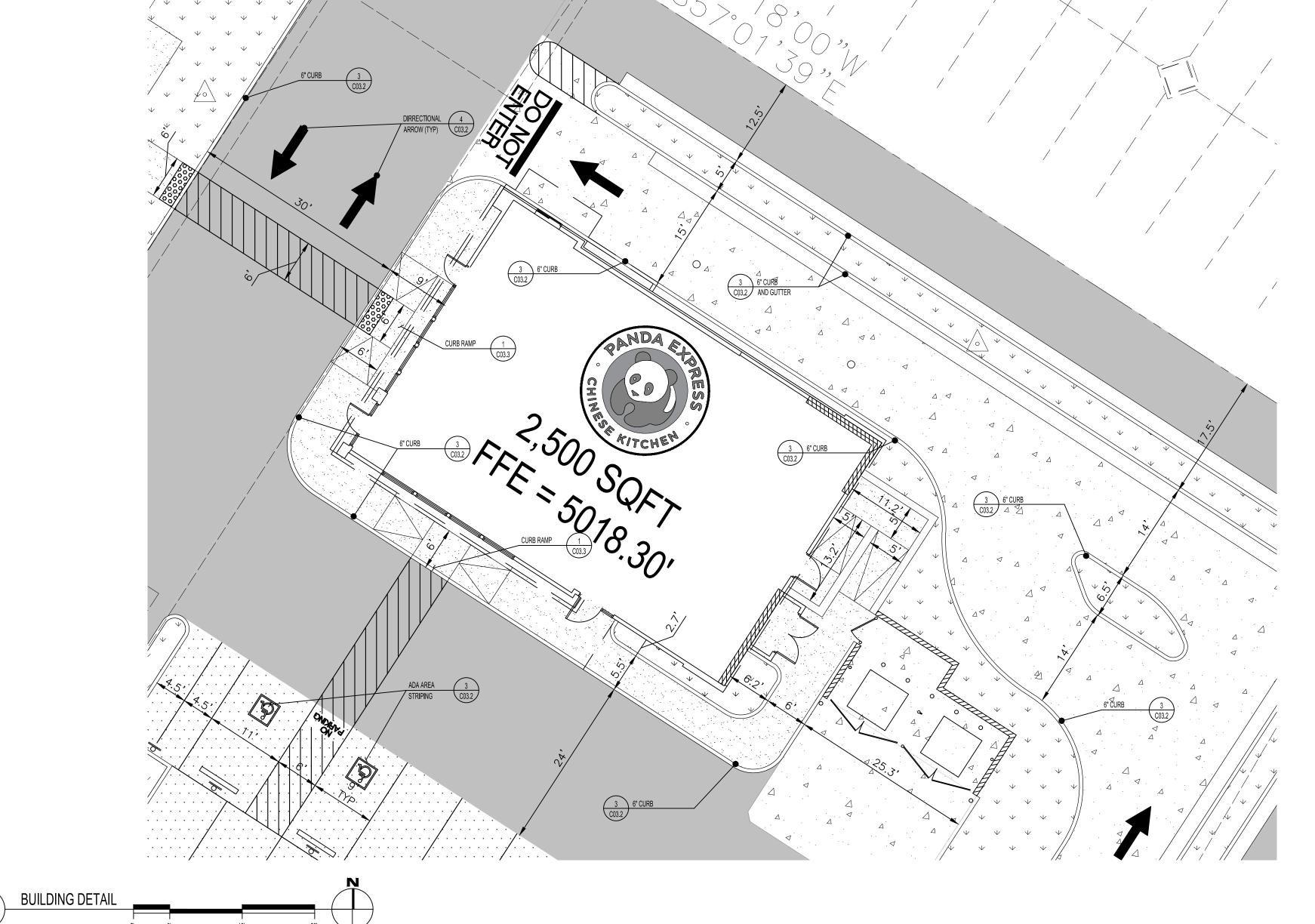
C03.1

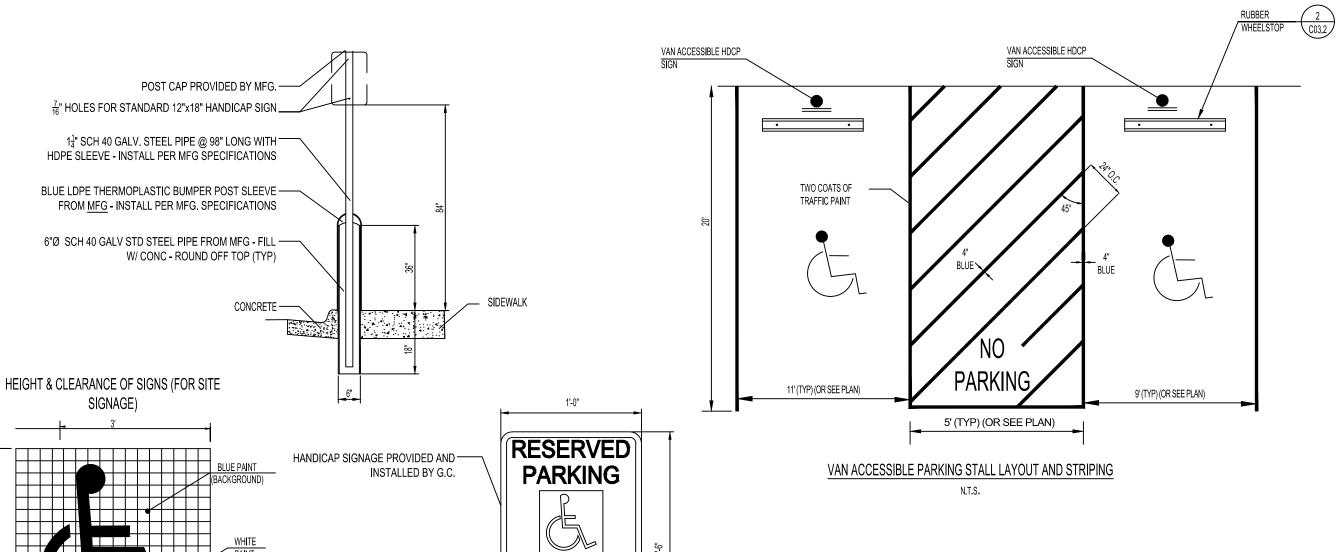












ACCESSIBLE AREA AND STRIPING

WHITE LINE (PARKING STRIPE) ONSITE WHITE CROSSWALK LINE WHITE STOP LINE





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### **REVISIONS:**

(271010110)					
	DRB RESUBMITTAL	04-06-22			

## ISSUE DATE:

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DRB SUBMITTAL	12-28-21
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DRAWN BY:

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: D8582



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# **Heights Venture** ARCHITECTURE \* DESIGN

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SI-2022-

- PR-2022-006547

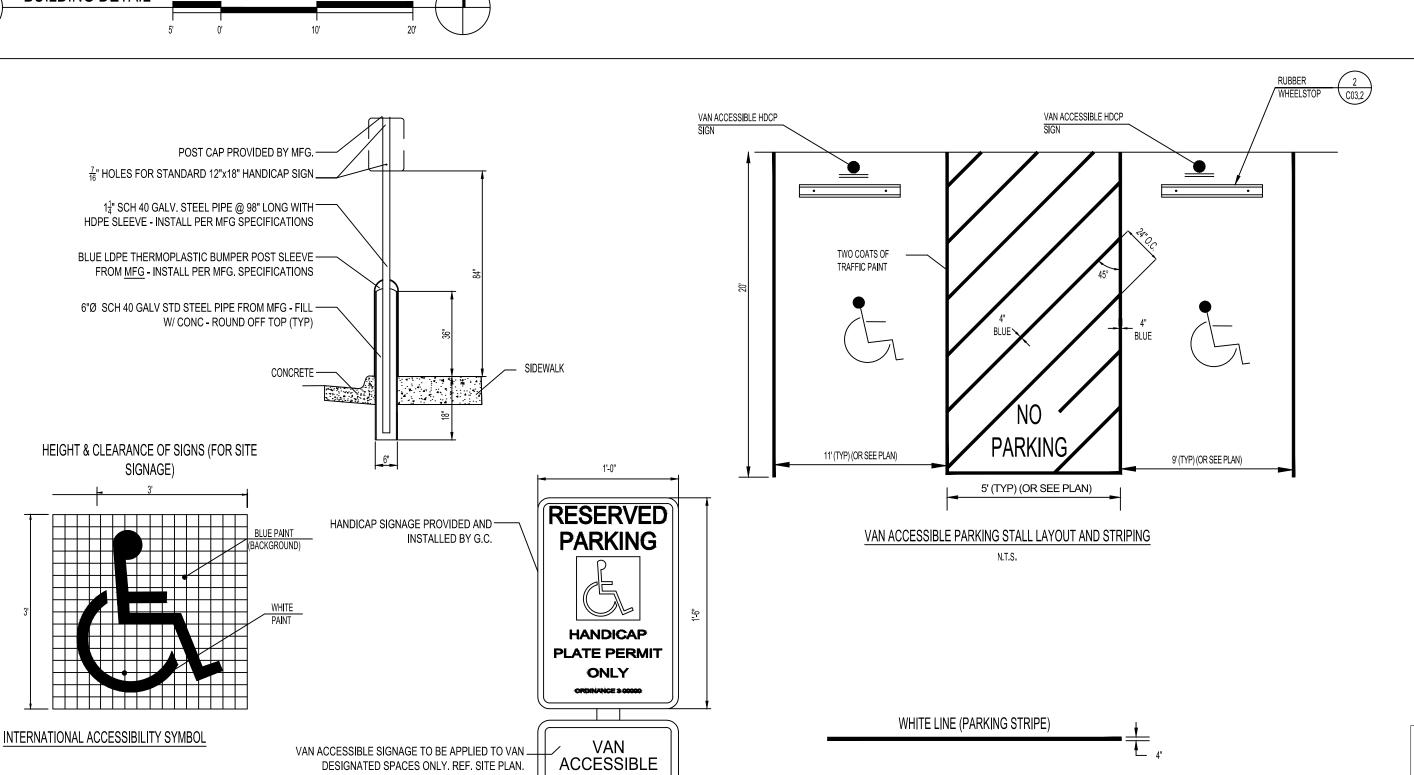
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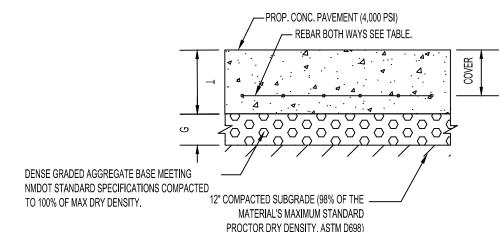
## PANDA EXPRESS

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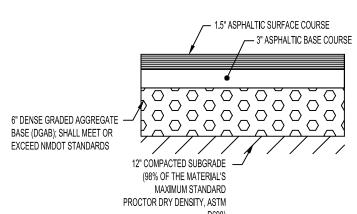
HARDSCAPE **DETAILS I** 

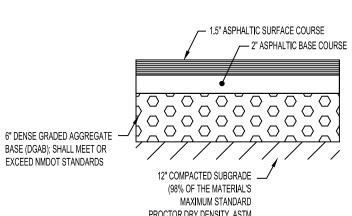
C03.2





	THICKNESS / REINFORCEMENT TABLE				
CONCRETE	(T)	(COVER)	(G)	MAY EVRANGION	60,000 PSI STEEL
SECTION DESIGNATION	SLAB THICKNESS (IN.)	COVER (IN.) (2" MIN)	BASE THICKNESS (IN.)	MAX, EXPANSION JOINT SPACING (FT.)	REINFORCING STEEL BAR SIZE & SPACING*
SIDEWALK	5"	2	4"	15	#3 @ 24" C-C
DRIVE THRU	5.5"	2	4"	15	#3 @ 24" C-C
DUMPSTER	5.5"	2	4"	15	#3 @ 24" C-C



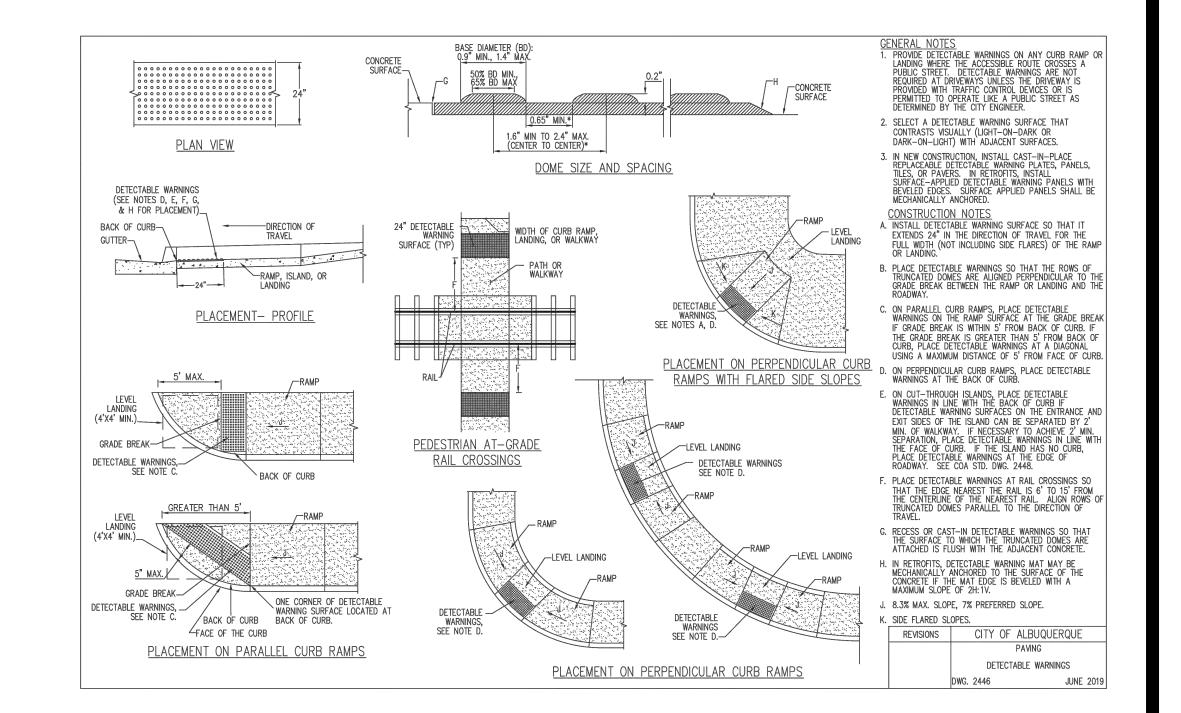


ASPHALT NOTES:

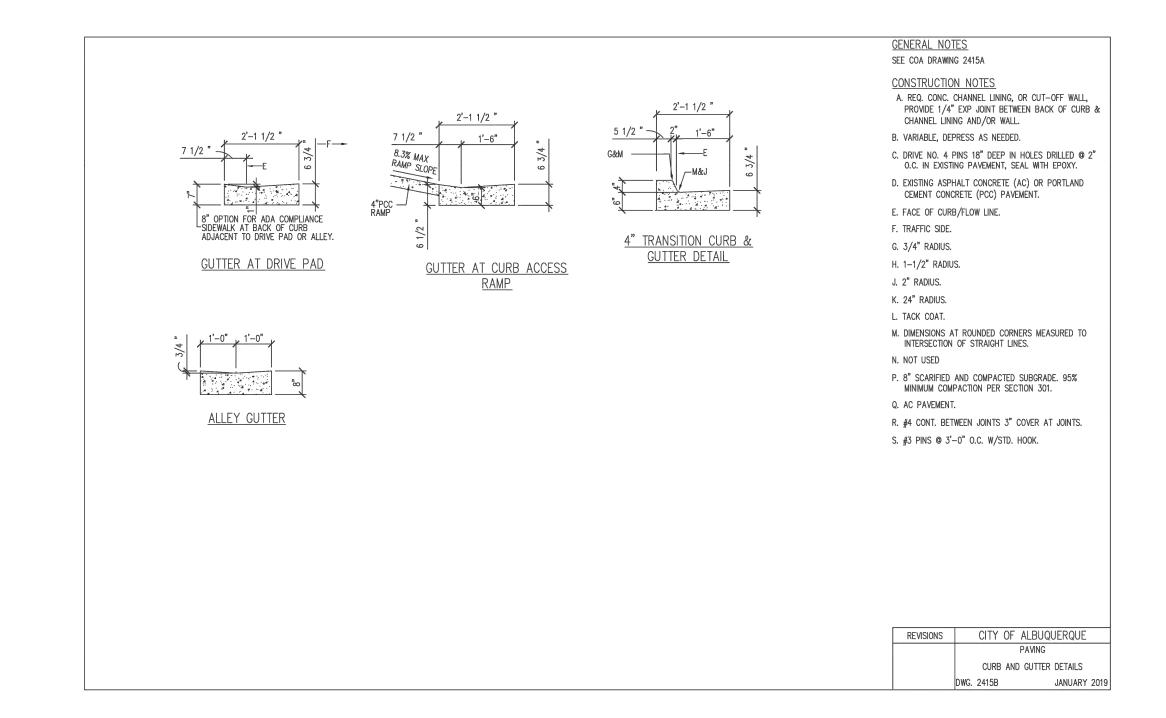
EDITION OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, FOR HOT MIX

 THE BASE COURSE SHOULD CONFORM TO THE NMDOT STANDARDS FOR BASE COURSE COMPACTED TO 100 PERCENT OF THE MODIFIED PROCTOR (ASTM D-1557)

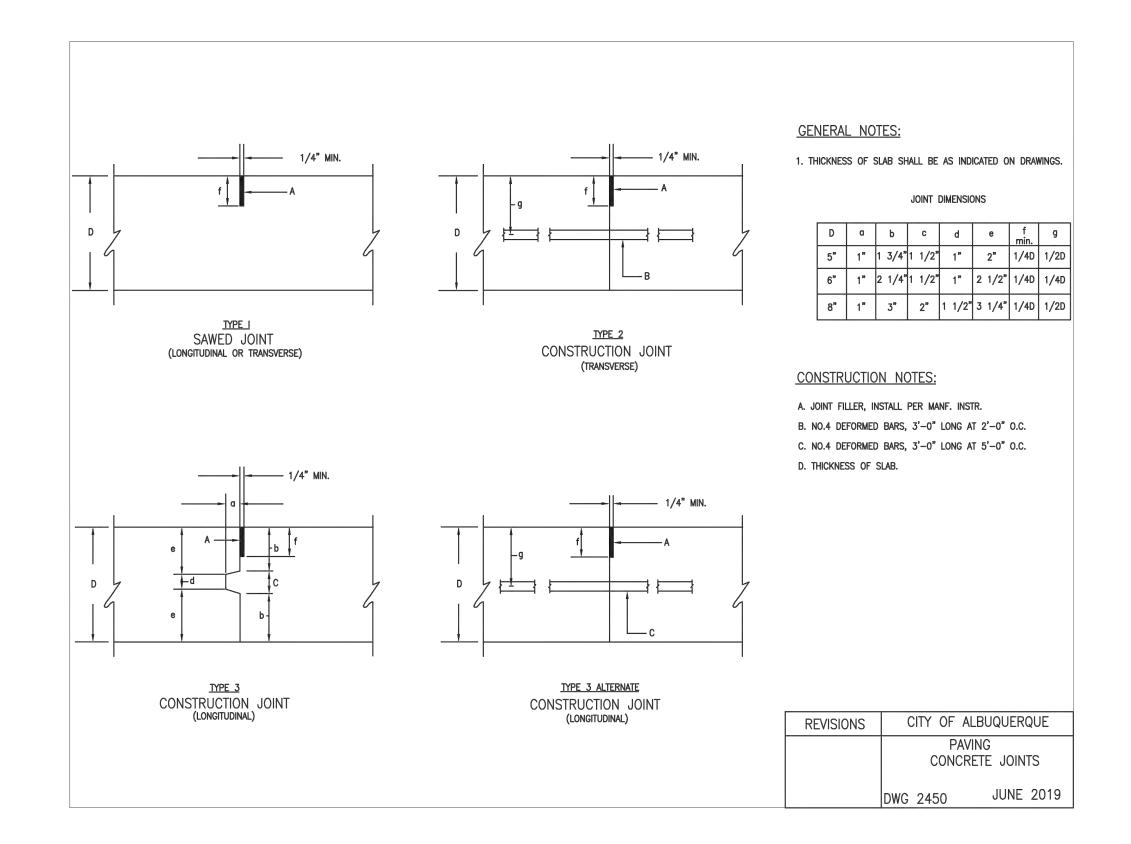
PAVEMENT SECTION



PAVING DETECTABLE WARNING DETAILS NTS



RIBBON GUTTER DETAIL



PAVING CONCRETE JOINT DETAILS







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ISSUE DATE: DRB SUBMITTAL 12-28-21

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #: ARCH PROJECT #: D8582



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# **Heights Venture**

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Houston, Texas 77008

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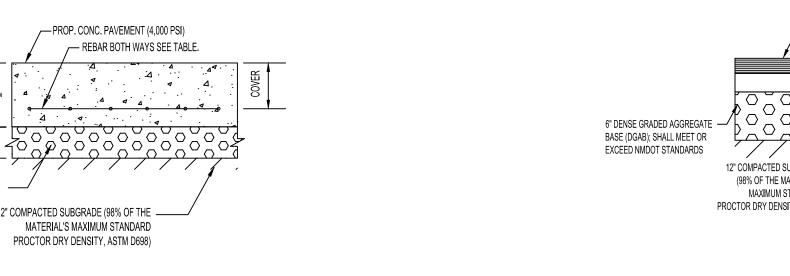
10126 COORS BOULEVARD

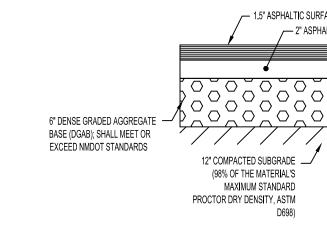
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HARDSCAPE **DETAILS II** 

C03.3

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ENSURE GEOTECH ALWAYS PROVIDES

"BINDER COARSE"

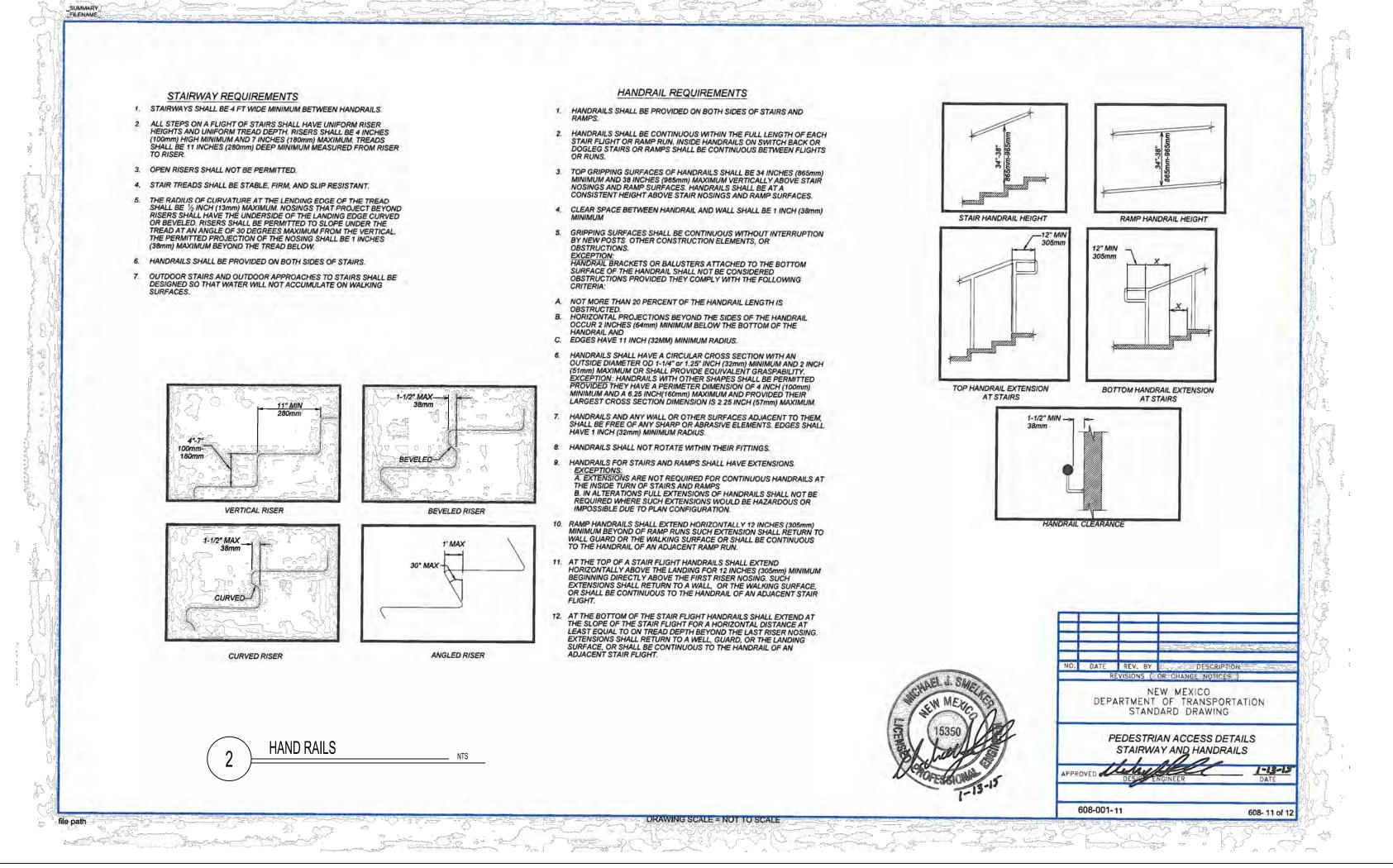
LIGHT-DUTY ASPHALT

**HEAVY-DUTY ASPHALT** 

 THE ASPHALT SURFACE COURSE SHOULD CONFORM TO THE MOST RECENT ASPHALTIC CONCRETE SURFACE COURSE.

MAXIMUM DRY DENSITY.

TACK COAT SHOULD BE PROVIDED ATOP EACH PAVEMENT SECTION.



CATCH BASIN

CURB OPENING

POINT

OPEN

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

LOCAL DEPRESSIONS AT CATCH BASINS

JSE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

<u>SECTION B-B</u>

CATCH BASIN

<u>PLAN</u>

FLOW

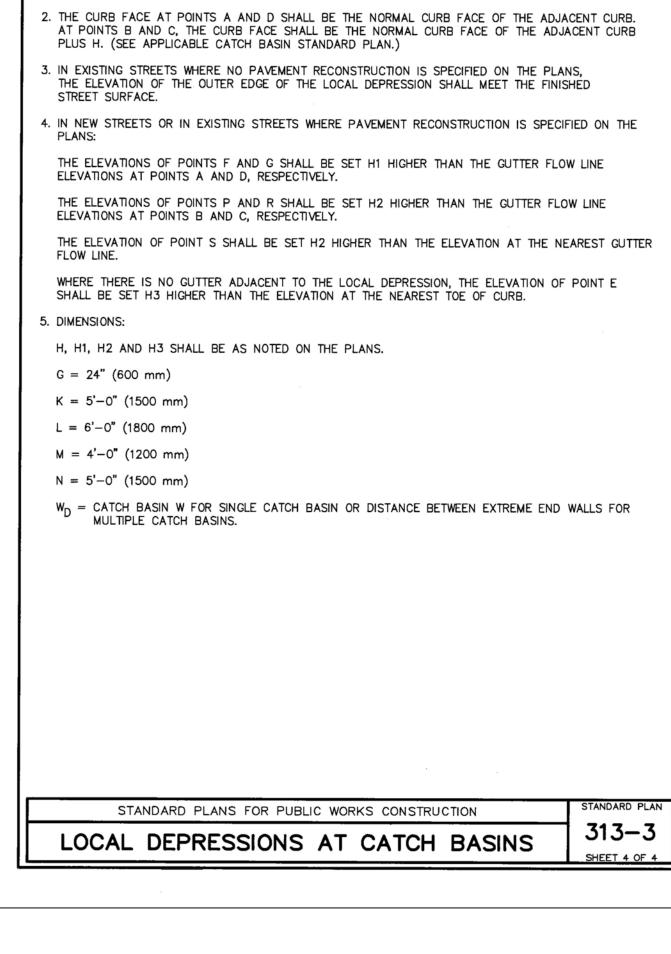
SECTION C-C

CASE A

1984 REV. 1996, 2005, 2009

**CURB INLET** 

CURB OPENING CATCH BASIN ======= <del>==</del>==== STRAIGHT GRADE POINT VALLEY CASE F CURB-OPENING CATCH BASIN W/ STRAIGHT GRADE GRATING STRAIGHT GRADE \ CATCH BASIN, VALLEY GRATING VALLEY ----===== ===== POINT P <u>CASE</u> <u>G</u> CURB OPENING CATCH BASIN \_\_\_\_\_\_\_ STRAIGHT GRADE STRAIGHT GRADE VALLEY ===== \_\_\_\_===== POINT P & DEBRIS SKIMMER POINT C (CASE E AND G)-CASES E. F. POINT B (CASE E)-POINT C (CASE F) STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION LOCAL DEPRESSIONS AT CATCH BASINS



1. ALL EXPOSED EDGES SHALL BE ROUNDED TO A 1/2" (15 mm) RADIUS.

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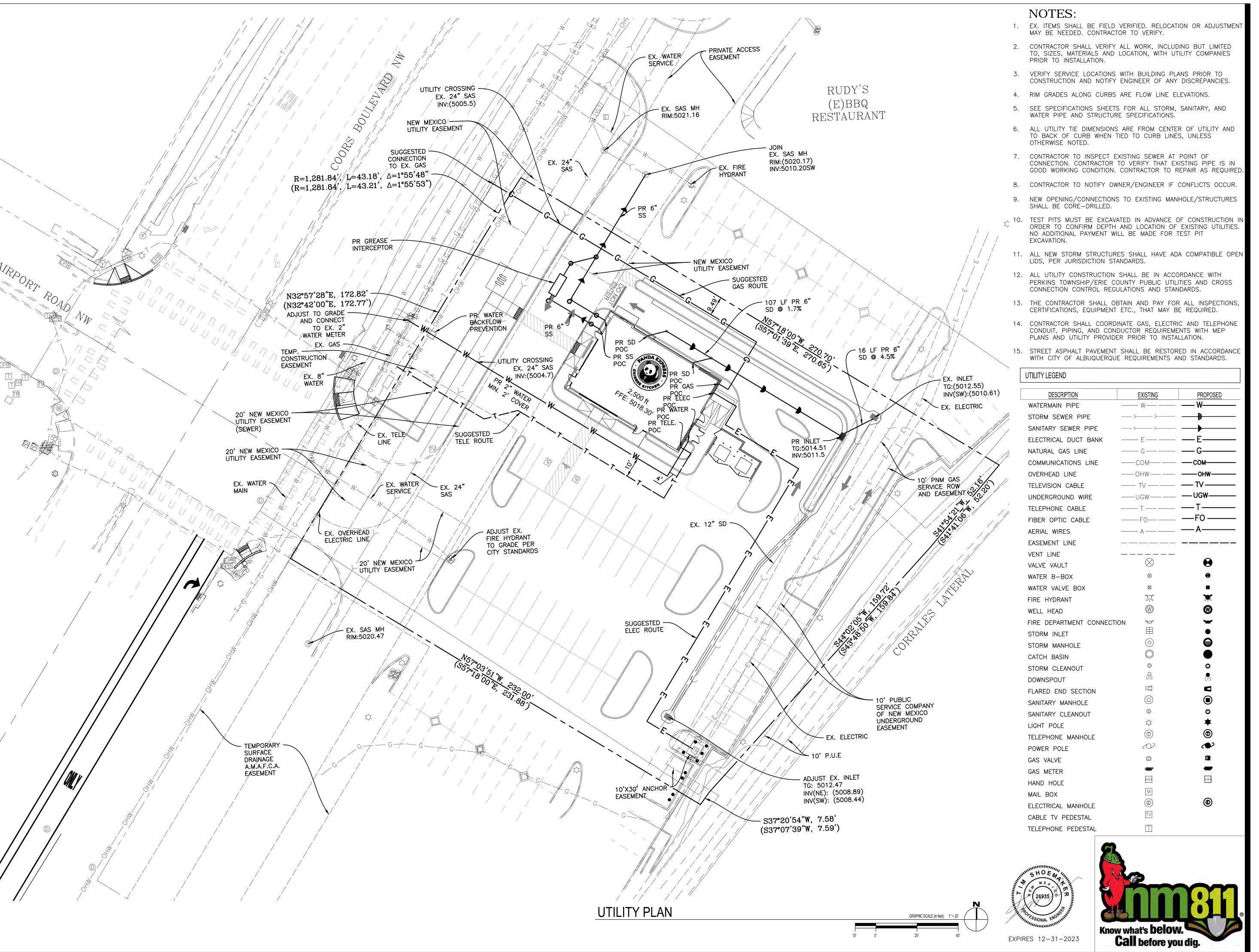
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HARDSCAPE

C03.4

**DETAILS III** 





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DRAWN BY: rtm

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PANDA STORE #: D8582

ARCH PROJECT #: D8582



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UTILITY PLAN

C04.0

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D8582 PANDA STORE #: ARCH PROJECT #: D8582



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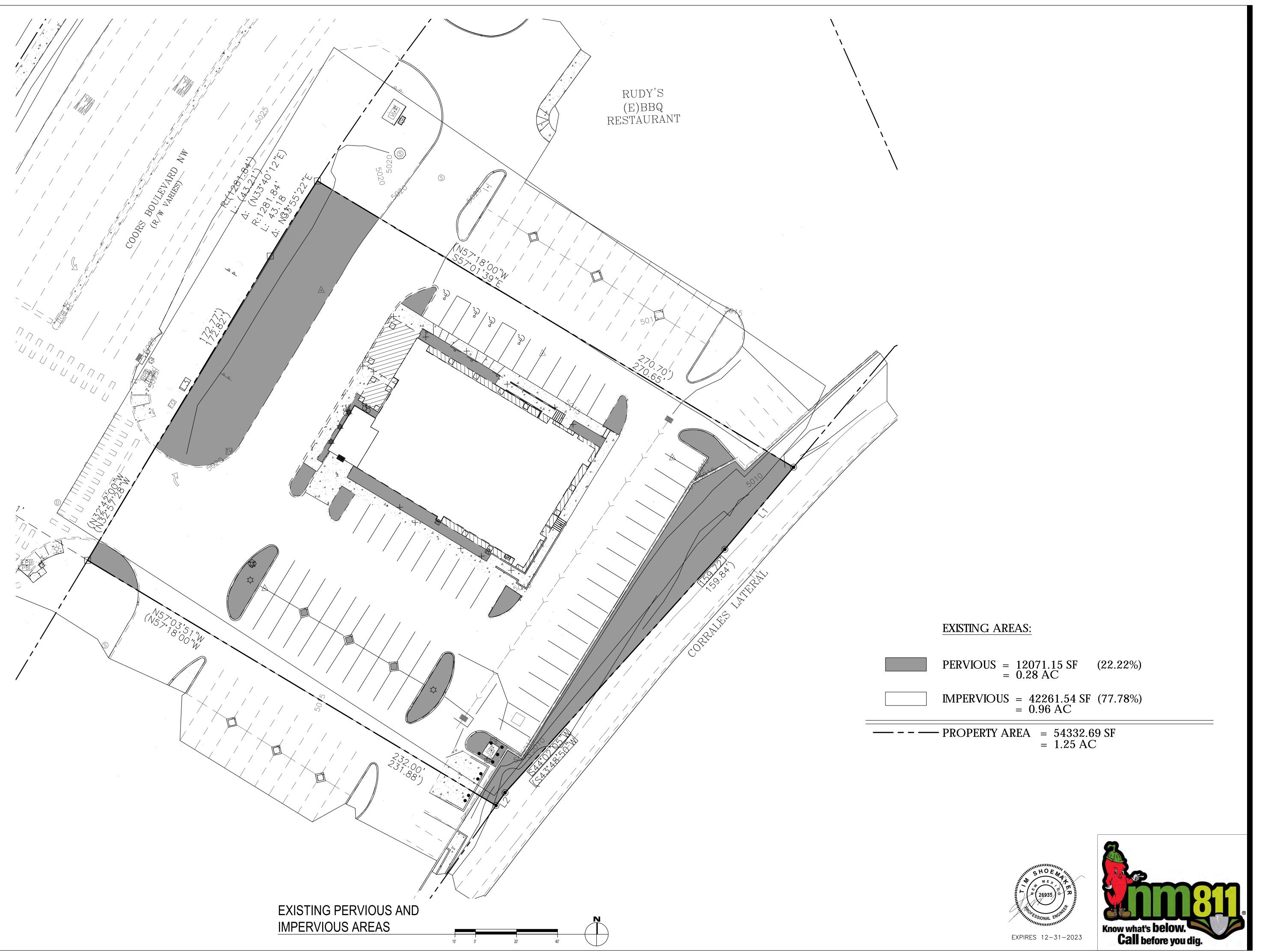
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GRADING PLAN

C05.0





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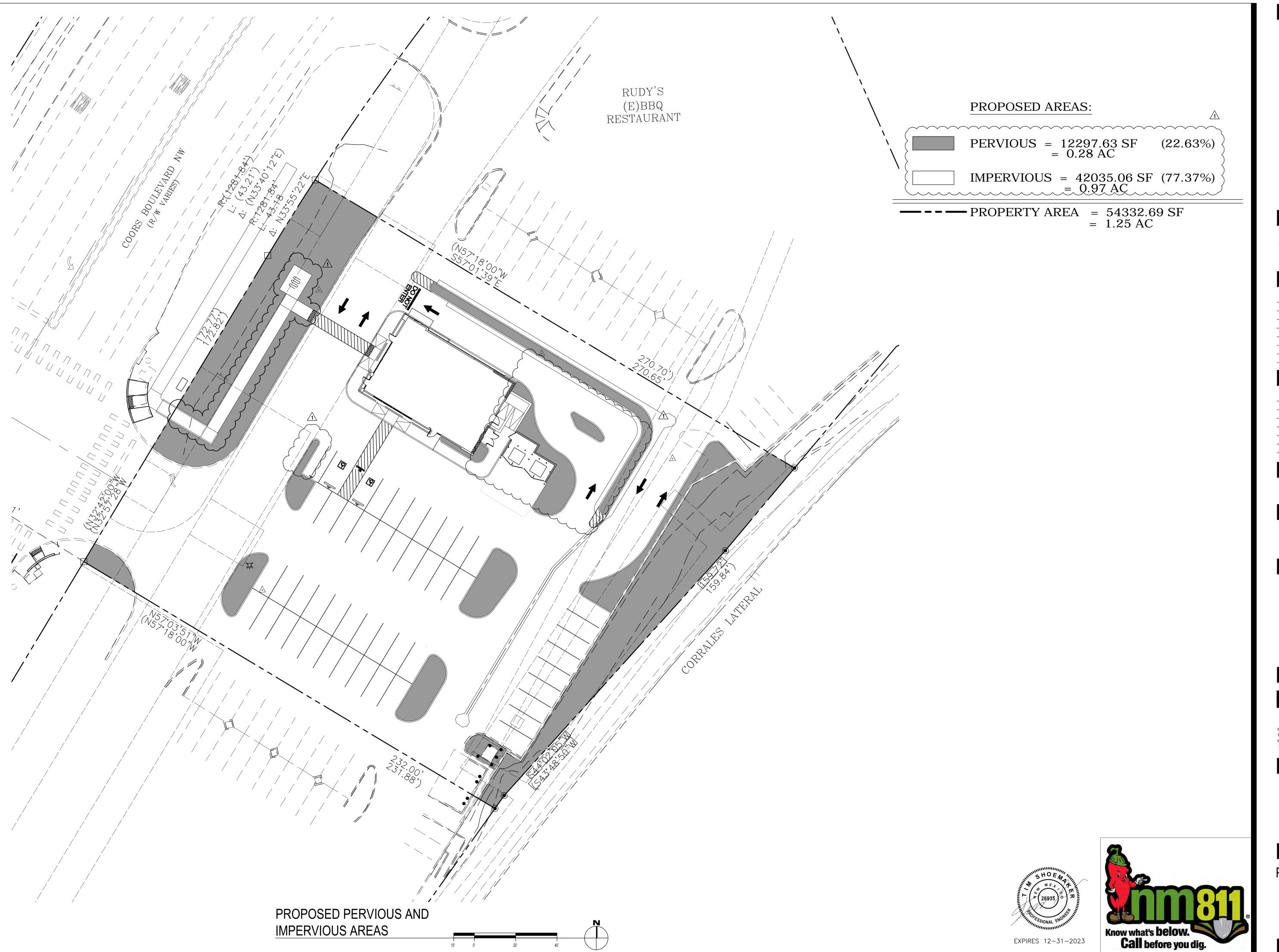
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EXISTING PERVIOUS
AND IMPERVIOUS
AREAS
EH.01

EH.01

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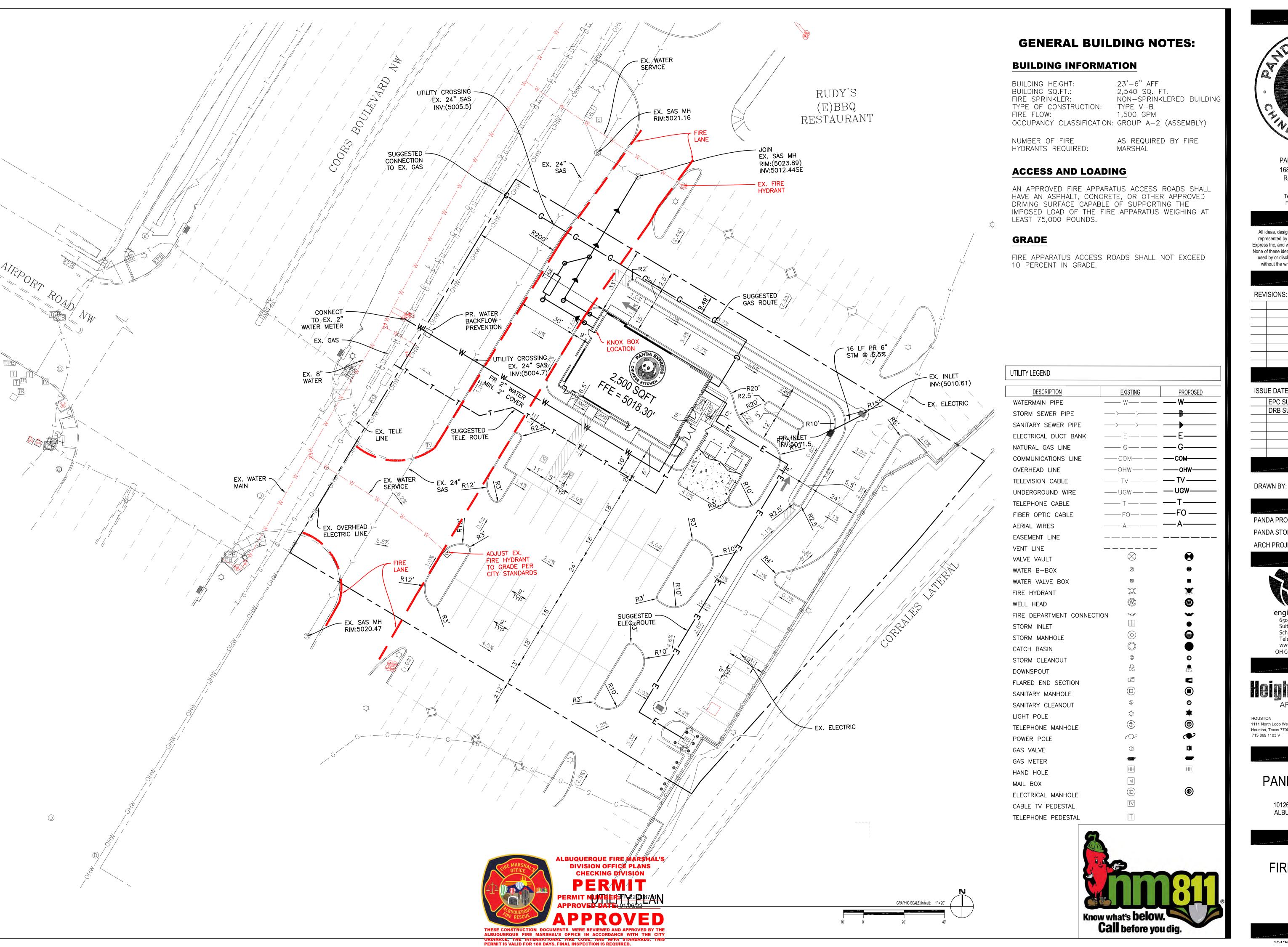
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PROPOSED PERVIOUS
AND IMPERVIOUS
AREAS
AREAS

EH.02



FIRE FLOW: Fire Flow 1500 GPM 1 Fire Hydrant required



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PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: D8582



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ARCHITECTURE : DESIGN

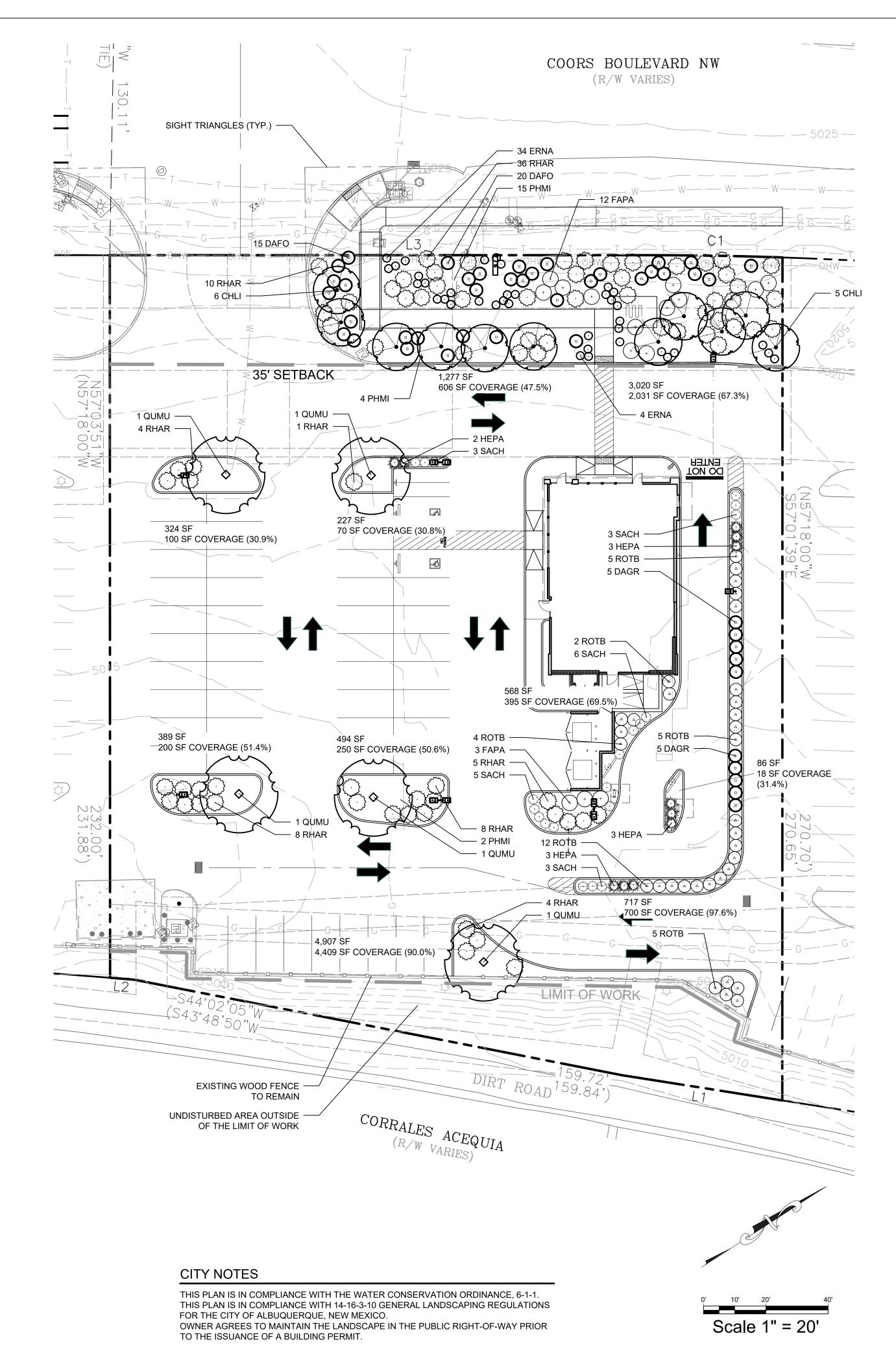
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# PANDA EXPRESS

10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

FIRE ONE PLAN

SUBMITTAL



### PLANTING LEGEND

SYMBOL	BOTANIC NAME	COMMON NAME	MIN. SIZE	SPACING	QUANTITY	REMARKS
TREES	TREES					
CHLI	Chilopsis linearis 'Bubba'	Bubba Desert Willow	2" cal., 8'-10' high	Per plan	11	
QUMU	Quercus muehlenbergii	Chinquapin Oak	2" cal., 8'-10' high	Per plan	5	
NOTE: ALL TREES SHALL BE CONTAINER-GROWN, CONTAINER SIZE AS APPROPRIATE FOR THE CALIPER SPECIFIED. SEE SPECIFICATIONS FOR PROPER ROOT QUALITY.						

### SHRUBS AND ORNAMENTAL GRASSES

SHRUBS AND URNAMENTAL GRASSES						
DAFO	Dalea formosa	Indigobush	#3 cont.	4' o.c.	45	
ERNA	Ericameria nauseosa naus. var. nauseosa	Dwarf Rabbitbrush	#3 cont.	2.5' o.c.	38	
FAPA	Fallugia paradoxa	Apache Plume	#3 cont.	5' o.c.	15	
HEPA	Hesperaloe parviflora	Red Yucca	#3 cont.	3' o.c.	11	
PHMI	Philadelphus microphyllus	Littleleaf Mockorange	#3 cont.	5' o.c.	21	
RHAR	Rhus aromatica 'Autumn Amber'	Autumn Amber Sumac	#3 cont.	5' o.c.	76	
ROTB	Rosmarinus officinalis 'Tuscan Blue'	Tuscan Blue Rosemary	#3 cont.	4' o.c.	33	
SACH	Salvia chamaedryoides	Germander Sage	#1 cont.	3' o.c.	20	

### LANDSCAPE CALCULATIONS

**NET SITE AREA:** LANDSCAPE AREA REQUIRED: LANDSCAPE AREA PROVIDED:

54,333 SF 8,150 SF (15% OF SITE AREA) 11,991 SF (22.1% OF SITE AREA)

11 TREES

STREET FRONTAGE LANDSCAPING FRONTAGE LENGTH:

STREET TREES REQUIRED: 11 TREES (1 PER 20 LF\* OF FRONTAGE)

\* OVERHEAD POWER LINES PRESENT

PARKING LOT LANDSCAPING

STREET TREES PROVIDED

PARKING LOT AREA: 1,659 SF (10% OF PARKING AREA) LANDSCAPE AREA REQUIRED: LANDSCAPE AREA PROVIDED: 1,700 SF (10.2% OF PARKING AREA)

**TOTAL PARKING SPACES:** TREES REQUIRED: TREES PROVIDED:

49 SPACES 5 TREES (1 TREE PER 10 SPACES) 5 TREES

TOTAL LANDSCAPE AREA:

MINIMUM REQUIRED COVERAGE: 8,165 SF (75% OF LANDSCAPE AREA) COVERAGE PROVIDED OVERALL: ~8,639 SF (~79.4%)

**CPO-2 STANDARDS** 4,297 SF SETBACK LANDSCAPE AREA: REQUIRED COVERAGE: 2,149 SF (50%)

### ROOT BARRIERS

PROVIDED COVERAGE:

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

2,637 SF (61.4%)

### **MULCHES**

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1" RIVER ROCK, BEIGE COLOR, MULCH IN ALL NEWLY PLANTED AREAS. CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS). DO NOT USE WEED BARRIERS OR LANDSCAPE FABRIC UNDER ANY MULCH.

## **GENERAL GRADING AND PLANTING NOTES**

- 1. BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
- IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS
- ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS
- RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
- THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (BASED ON A SOIL TEST, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED. ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER
- INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER
- INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE
- LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER. ALL PLANT LOCATIONS ARE DIAGRAMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE
- MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.). a. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER
  - PATTERNS) SHALL TAKE PRECEDENCE. NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE
- ARCHITECT IN WRITING (VIA PROPER CHANNELS). THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- 5. THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL
- ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD. 6. SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.



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	DRB SUBMITTAL	12-28-21				

DRAWN BY:

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PANDA STORE #: ARCH PROJECT #: 21084



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# PANDA EXPRESS

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TRUE WARM & WELCOME 10126 COORS BLVD. NW ALBUQUERQUE, NM 87114

PLANTING PLAN



### **GENERAL**

- A. GENERAL AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE
- INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM SHALL HAVE A REDUCED-PRESSURE BACKFLOW PREVENTION DEVICE INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE. THE BACKFLOW DEVICE SHALL BE ENCLOSED IN A VANDAL-RESISTANT ENCLOSURE
- ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS (WATER NEEDS, SUN EXPOSURE, ETC.) SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE. THE PLANTING PLAN SHALL BE THE BASIS OF IRRIGATION DESIGN, AND THE IRRIGATION CONTRACTOR SHALL OBTAIN AND THOROUGHLY REVIEW A COPY OF THE PLANTING PLAN PRIOR TO SUBMITTING A BID FOR IRRIGATION DESIGN/BUILD SERVICES. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: RAIN SENSORS, MULTI-PROGRAM COMPUTERIZED IRRIGATION
- WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES, FEES, AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND/OR SHOWN ON THE IRRIGATION PLANS, NOTES, AND DETAILS.

CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS. IN CASE OF CONFLICT BETWEEN THESE PLANS AND LOCAL AND/OR STATE CODES, CODES SHALL PREVAIL
- THE INTENT OF THE IRRIGATION SYSTEM IS TO PROVIDE 100% COVERAGE OF ALL LANDSCAPE AREAS. THE IRRIGATION PLAN IS GENERALLY DIAGRAMMATIC: COORDINATE IRRIGATION INSTALLATION WITH UTILITY INSTALLATIONS. ACTUAL LOCATION OF CONTROLLER BACKELOW DEVICE PIPING VALVES DRIP IRRIGATION. AND RELATED EQUIPMENT MAY NEED TO BE ADJUSTED BASED ON ACTUAL SITE CONDITIONS
- QUALIFICATIONS OF IRRIGATION CONTRACTOR ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE IRRIGATION CONTRACTING FIRM SPECIALIZING IN IRRIGATION SYSTEMS. SEE THE IRRIGATION PLAN FOR SPECIFIC EQUIPMENT AND SYSTEM LAYOUT.
- THE IRRIGATION CONTRACTOR MUST HAVE ON ITS STAFF A CONTRACTOR LICENSED IN THE APPROPRIATE LOCAL JURISDICTION. A LICENSED IRRIGATOR OR LICENSED IRRIGATION INSTALLER SHALL BE PRESENT AT THE PROJECT SITE AT ALL TIMES AS WORK IS IN PROGRESS. THE OWNER MAY DEMAND THAT WORK STOP UNTIL THE CONTRACTOR PROVIDES FOR A LICENSED IRRIGATOR OR LICENSED IRRIGATION INSTALLER TO BE PRESENT AT THE PROJECT SITE AND SUPERVISING
- A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES.

- ALL MATERIALS SHALL BE NEW AND WITHOUT FLAWS OR DEFECTS OF ANY TYPE AND SHALL BE THE BEST OF THEIR CLASS AND KIND. ALL MATERIALS SHALL HAVE A MINIMUM GUARANTEE OF ONE YEAR AGAINST MATERIAL DEFECTS OR DEFECTIVE WORKMANSHIP. ALL MATERIALS SHALL BE OF THE FOLLOWING BRANDS: RAINBIRD, TORO, NETAFIM. OTHER MANUFACTURERS MAY BE PROPOSED TO THE OWNER, AS MAY BE APPROPRIATE. THE BACKFLOW PREVENTION DEVICE SHALL BE REDUCED-PRESSURE TYPE, SIZED TO MEET IRRIGATION DEMAND AND MINIMIZE PRESSURE LOSSES. INSTALL BACKFLOW PREVENTION UNITS IN ACCORDANCE WITH IRRIGATION CONSTRUCTION DETAILS AND ALL
- APPLICABLE STATE AND LOCAL CODES AND ORDINANCES PRESSURE SUPPLY LINES, DOWNSTREAM OF THE POINT-OF-CONNECTION: SCHEDULE 40 PVC FOR ALL PIPE 1-1/2" OR LESS CLASS 315 PVC FOR ALL PIPE 2" TO 2-1/2"

CLASS 200 PVC\_GASKETED\_FOR ALL PIPE 3" AND LARGER

- NON-PRESSURE LATERAL LINES (DOWNSTREAM FROM VALVES): CLASS 200 PVC SLEEVES: SCHEDULE 40 PVC FITTINGS: SCH 40 PVC EXCEPT AS NOTED OTHERWISE
- VALVES AND DRIP VALVE ASSEMBLIES: EACH VALVE SHALL BEAR A PRE-MANUFACTURED. NUMBERED WATERPROOF TAG BEARING A NUMBER CORRESPONDING TO ITS VALVE SEQUENCE OF OPERATION ON THE CONTROLLER
- VALVES FOR SPRAY AND ROTOR CIRCUITS SHALL BE COMMERCIAL-GRADE, GLOBE-TYPE NORMALLY CLOSED VALVES SHALL HAVE A ONE-PIECE SOLENOID DESIGN AND FLOW CONTROL HANDLE.
- QUICK COUPLERS:  $\frac{3}{4}$ ", TWO-PIECE BODY, WITH LATCHING COVER. BALL VALVES: BRASS BALL VALVES SHALL BE INSTALLED WHEREVER PRESSURIZED MAINLINE
- CROSSES VEHICULAR AREAS, AND INSTALLED ON THE UPSTREAM SIDE OF THE MAINLINE. PVC BALL VALVES SHALL BE INSTALLED AT THE ENDS OR DRIP RUNS, FOR
- FLUSHING DRIP LINES ALL BALL VALVES SHALL BE FULL-PORT, LINE SIZE, AND INSTALLED IN THEIR OWN 9"
- ROUND VALVE BOXES VALVE BOXES: ALL VALVES BOXES SHALL BE LOCKING BOLT-DOWN TYPE. FURNISHED WITH LIDS AND BOLTS. BOXES SHALL BE OF A SIZE TO CONTAIN THE ENTIRE VALVE AND/OR VALVE ASSEMBLY. THE VALVE BOX LID SHALL HAVE THE VALVE STATION NUMBER HEAT-BRANDED INTO THE LID WITH 2" HIGH LETTERS. ONLY ONE VALVE SHALL BE INSTALLED PER VALVE BOX
- INTEGRAL EMITTER DRIP TUBING: TUBING WITH INTEGRAL EMITTERS WELDED TO THE INSIDE WALL OF THE TUBING AS AN INTEGRAL PART OF THE TUBING ASSEMBLY. IN GENERAL, THE FOLLOWING EMITTER FLOW RATES AND SPACING SHALL BE USED:
- CLAY AND CLAY LOAM SOILS: 0.6 GPH, EMITTERS SPACED AT 12" O.C., PARALLEL TUBING RUNS SPACED AT 18" O.C. MEDIUM-TEXTURE LOAM SOILS: 0.9 GPH, EMITTERS SPACED AT 12" O.C.
- PARALLEL TUBING RUNS SPACED AT 18" O.C SANDY AND SANDY LOAM SOILS: 0.9 GPH, EMITTERS SPACED AT 12" O.C.,
- PARALLEL TUBING RUNS SPACED AT 12" O.C. CONTRACTOR SHALL GUARANTEE A MINIMUM OF TWO EMITTERS PER #1 OR #5

AS NEEDED FOR ANY TEMPORARY IRRIGATED AREAS (SUCH AS NATIVE SEED). PROVIDE

- AUTOMATIC CONTROLLER: COMMERCIAL-GRADE MODULAR CONTROLLER, SIZE AS APPROPRIATE FOR THE NUMBER OF PERMANENT VALVES, PLUS ADDITIONAL MODULES
- VANDAL-PROOF ENCLOSURE FOR ALL EXTERIOR INSTALLATIONS. PROVIDE LINE-VOLTAGE DISCONNECT SWITCH WITH GROUND FAULT PROTECTION. 24 VOLT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR IRRIGATION WIRE. EACH CONTROLLER SHALL HAVE A
- DIFFERENT COLOR STATION AND COMMON WIRE. STATION WIRE - RED COMMON WIRE - WHITE
- EXTRA COMMON WIRES BLUE WIRE SPLICES SHALL BE ENCASED IN A WATERPROOF COMPOUND OR GEL. ALL FIELD SPLICES SHALL BE LOCATED IN A 6 INCH ROUND VALVE BOX. RAIN SENSOR: WIRELESS RAIN/FREEZE SENSOR.

### <u>METHODS</u>

- A. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE IRRIGATION EQUIPMENT WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION, OR IRRIGATION CONTRACTOR MAY BE REQURED TO MOVE SUCH ITEMS AT HIS OWN COST. ENSURE FIELD COORDINATION IS MADE EARLY ON IN THE CONSTRUCTION PHASE SO PLACEMENT LOCATION IS CORRECT.
- THE IRRIGATION CONTRACTOR SHALL MEET WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK, AND SHALL OBTAIN ALL ENGINEERING, LANDSCAPE, AND OTHER APPLICABLE PLANS & DOCUMENTS. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE PLANS AND REPORT ANY CONFLICTS OR DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- THE IRRIGATION CONTRACTOR SHALL NOT WILFULLY INSTALL ANY PORTION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADES OR DIMENSIONS EXIST. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY
- FOR ANY REVISIONS AND NECESSARY COSTS. SEE UTILITY PLANS FOR IRRIGATION POINTS OF CONNECTION (TAP) AND DOMESTIC
- THE IRRIGATION CONTRACTOR SHALL PAY ANY AND ALL FEES AND PERMITS ASSOCIATED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM. AT LEAST SEVEN DAYS BEFORE BEGINNING WORK, CONFIRM THE STATIC WATER PRESSURE IS AT LEAST 55 PSI AND LESS THAN 70 PSI. IF STATIC WATER PRESSURE IS OUTSIDE OF THE STATED RANGE, DO NOT PROCEED WITHOUT FIRST NOTIFYING THE OWNER IN WRITING, AND OBTAINING SUBSEQUENT DIRECTION FOR CORRECTIONAL MEASURES. SHOULD THE IRRIGATION CONTRACTOR CHOOSE TO BEGIN THE INSTALLATION WITHOUT SUCH NOTIFICATION. THE IRRIGATION CONTRACTOR WILL ASSUME THE RESPONSIBILITY FOR ALL COSTS INCURRED TO ENSURE THE SYSTEM IS
- WORKING PROPERLY. NO CHANGE ORDERS WILL BE AUTHORIZED IN SUCH CIRCUMSTANCES. SHOULD STATIC WATER PRESSURE BE BELOW 55 PSI, A PUMP MAY BE REQUIRED FOR PROPER OPERATION OF THE IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR SHALL DISCUSS THE NEED FOR A PUMP WITH THE OWNER, AND
- PROPOSE OPTIONS FOR THE PROPER FUNCTIONING OF THE IRRIGATION SYSTEM THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, STRUCTURES AND UTILITIES. COORDINATE WITH THE OWNER THE PROPOSED LOCATIONS OF THE AUTOMATIC CONTROLLER AND ANY REQUIRED SLEEVES THROUGH THE BUILDING FOR CONTROL

- - ALL BACKFILL MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE OWNER. BACKFILL MATERIAL SHALL BE FREE FROM RUBBISH, ROCK LARGER THAN 1" LARGE STONES BRUSH SOD FROZEN MATERIAL OR OTHER UNSUITABLE SUBSTANCES THAT MAY DAMAGE PIPE DURING THE BACKFILLING OPERATIONS. SEPARATE OUT ROCKS LARGER THAN 1 INCH IN ANY DIRECTION FROM EXCAVATED MATERIAL AND REMOVE FROM AREAS TO RECEIVE LANDSCAPING. COVER FOR BOTH TOP AND SIDES OF PIPE SHALL BE A MINIMUM OF 2 INCHES OF ROCK-FREE SOIL, SAND, OR OTHER APPROVED MATERIAL
- IN THE EVENT THAT THE MATERIAL FROM THE EXCAVATION OR TRENCHING IS FOUND TO BE UNSUITABLE FOR USE IN BACKFILL. IT SHALL BE REMOVED FROM THE SITE AND PROPERLY AND LEGALLY DISPOSED OF BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL THEN PURCHASE AND AND FURNISH SUITABLE BACKFILL MATERIAL CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND OR OTHER APPROVED MATERIALS FREE OF DEBRIS.
- BACKFLOW PREVENTER INSTALLATION: CONTRACTOR SHALL MAKE CONNECTIONS TO EXISTING WATER SOURCES AT LOCATION SHOWN ON PLANS AND AS APPROVED BY THE OWNER, AND SHALL MAKE ANY MINOR CHANGES IN LOCATION AS MAY BE NECESSARY DUE TO ACTUAL SITE CONDITIONS. BACKFLOW PREVENTER HEIGHT SHALL BE AS PER LOCAL CODES AND MANUFACTURER'S INSTRUCTIONS. INSTALL A BRASS BALL VALVE IMMEDIATELY UPSTREAM OF THE BACKFLOW DEVICE TO SERVE AS AN ISOLATION VALVE TO EVERY EXTENT POSSIBLE, INSTALL BACKFLOW PREVENTER IN A LOCATION SCREENED FROM PUBLIC VIEW (SUCH AS BEHIND A SHRUB ROW).
- 1. PIPE SIZE SHALL CONFORM TO THE STANDARD OF CARE FOR PIPE SIZES. THE IRRIGATION CONTRACTOR SHALL ENSURE THAT THE FLOW THROUGH ANY PIPE DOES NOT EXCEED 5 FPS.
- MAINLINE PIPE AND WIRES SHALL BE INSTALLED WITH A MINIMUM COVER OF 18 INCHES. LATERAL PIPE SHALL BE INSTALLED WITH A MINIMUM COVER OF 12
- ASSEMBLE ALL THREADED FITTINGS WITH TEFLON TAPE, WHICH SHALL BE APPLIED TO MALE THREADS ONLY. 4. ALL SOLVENT-WELD CONNECTIONS SHALL BE MADE WITH APPROVED SOLVENT-WELD PRIMER AND GLUE
- PIPE SHALL BE INSTALLED WITH A MINIMUM OF 4" HORIZONTAL CLEARANCE FROM ANY OTHER PIPE AND 2" VERTICAL CLEARANCE FROM ANY PIPES THAT CROSS OVER OR UNDER M. VALVES
- VALVES SHALL BE INSTALLED PER MANUFACTURER'S DIRECTIONS. VALVE BOXES SHALL BE INSTALLED FLUSH WITH THE GRADE. WITH CI FAN PFA GRAVEL LOCATED BELOW THE VALVE. LOCATE BOXES WITHIN 12 TO 24" OF SIDEWALKS OR LANDSCAPE EDGES, WITH TOPS OF BOXES 1" ABOVE FINISH GRADE IN TURF, AND 3" ABOVE FINISH GRADE IN SHRUB AREAS (TO AVOID BEING COVERED BY MULCH).
- EACH VALVE BOX COVER SHALL BE HEAT-BRANDED WITH THE CONTROLLER STATION NUMBER.
- N. DRIP IRRIGATION EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S DIRECTIONS DRIP LINES IN AREAS WITH ORGANIC MULCH, SUCH AS SHREDDED WOOD, SHALL BE BURIED, NO MORE THAN 2" BELOW FINISH GRADE.
- DRIP LINES IN AREAS WITH ROCK MULCH SHALL BE MOUNTED ON GRADE AND BENEATH LANDSCAPE FABRIC, AND SECURED IN PLACE WITH WIRE STAPLES AT A MAXIMUM OF 48" ON CENTER O. AUTOMATIC CONTROLLER:
- INSTALL THE CONTROLLER AT THE LOCATION INDICATED BY THE OWNER. INSTALL CONTROLLER WITH A BACKUP BATTERY AS RECOMMENDED BY THE

MANUFACTURER.

- THE IRRIGATION CONTRACTOR SHALL COORDINATE 120 V.A.C. ELECTRICAL POWER TO CONTROLLER AND DEDICATE ONE (1) 20-AMP BREAKER FOR EACH CONTROLLER. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL SOURCE TO THE CONTROLLER UNIT ONLY NO WIRE SPLICES SHALL BE ALLOWED EXCEPT AT VALVES AND CONTROLLER. WHERE SPLICES MAY BE NECESSARY DUE TO EXCESSIVELY LONG WIRE RUNS, THE CONTRACTOR SHALL MAKE ALL SPLICES IN 6" ROUND VALVE BOXES WITH 3M'S "DBY-DIRECT BURIAL SPLICE KIT". THE CONTRACTOR SHALL LABEL ALL WIRES WITH WATERPROOF TAGS AND MARKERS AT ALL SPLICES AND VALVE MANIFOLDS. AND
- SHALL LEAVE A 24" COIL OF EXCESS WIRE AT EACH CONNECTION. PROVIDE #10 COMMON WIRE, DIRECT BURIAL, TO ALL REMOTE CONTROL VALVES. CONNECT ALL DIRECT BURIAL WIRES TO VALVES USING 3M'S "DBY-DIRECT BURIAL
- SPLICE KIT" (UNLESS OTHERWISE SPECIFIED). PROVIDE THREE ADDITIONAL IRRIGATION CONTROL WIRES ALONG EACH BRANCH
- OF MAINLINE FOR FUTURE EXPANSION. STUB ADDITIONAL CONTROL WIRES INTO BACK OF IRRIGATION CONTROLLERS. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL CONTROL WIRE SLEEVES AND PIPE SLEEVES UNDER PAVED AREAS PRIOR TO
- PAVING SEE SLEEVING NOTES. P. INSTALL THE RAIN SENSOR IN THE VICINITY OF THE CONTROLLER, AND COORDINATE LOCATION WITH THE OWNER. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THE RAIN SENSOR IS PLACED IN A LOCATION WHERE IT CAN RECEIVE ADEQUATE RAINFALL WITHOUT OBSTRUCTIONS. IF IT IS PLACED IN AN INADEQUATE LOCATION, THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO RELOCATE
- IT AT NO ADDITIONAL COST TO THE OWNER. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- PERFORM COVERAGE TESTS AFTER IRRIGATION SYSTEM IS COMPLETED, BUT PRIOR TO ANY PLANTING AND PERFORM TESTING IN THE PRESENCE OF THE WNER'S REPRESENTATIVE
- 2. TEST SYSTEM TO ASSURE THAT ALL PLANTING AREAS ARE WATERED COMPLETELY AND UNIFORMLY. MAKE ALL NECESSARY ADJUSTMENTS TO PROVIDE COMPLETE COVERAGE.
- INCLUDING REALIGNMENT OF HEADS AND REPLACEMENT OF NOZZLES. DURING IRRIGATION EXCAVATION AND INSTALLATION, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION.
- 2. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE. INSPECTION AND ACCEPTANCE 1. UPON COMPLETION OF THE WORK, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE IRRIGATION CONTRACTOR SHALL THEN REQUEST AN INSPECTION
- BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY. WHEN THE INSPECTED WORK DOES NOT COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE
- OWNER'S SATISFACTION WITHIN 24 HOURS. THE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A
- WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE. CONTROLLER CHART: THE IRRIGATION CONTRACTOR SHALL PROVIDE A 11" X 17" COLOR-CODED, LAMINATED COPY OF THE IRRIGATION LAYOUT AND PLACE IT IN THE
- CONTROLLER'S COVER. THE CONTROLLER CHART SHALL CLEARLY DELINEATE THE AREAS COVERED BY EACH VALVE, USING A SEPARATE COLOR FOR EACH ZONE. TURN THE FOLLOWING ITEMS IN TO THE OWNER UPON COMPLETION OF THE a. QUICK COUPLER KEYS (2)
- CONTROLLER MANUAL (1 CONTROLLER KEYS (2)
- A MINIMUM OF (2) COPIES OF RECORD DRAWINGS. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.
- U. REFER TO THE PLANTING SPECIFICATIONS FOR ADDITIONAL CONDITIONS OF FINAL ACCEPTANCE AND START OF THE MAINTENANCE PERIOD, AS MAY BE APPROPRIATE
- V. WARRANTY THE IRRIGATION SYSTEM SUPPLIED AND INSTALLED SHALL BE WARRANTED (LABOR AND MATERIALS) TO REMAIN OPERATIONAL FOR A PERIOD OF 12 MONTHS AFTER THE DATE OF FINAL ACCEPTANCE. DURING THIS PERIOD, THE CONTRACTOR SHALL
- ALSO REPAIR ANY SETTLEMENT OF THE IRRIGATION TRENCHES. BY THE END OF THE WARRANTY PERIOD, ANY IRRIGATION PART THAT IS EITHER NON-OPERATIONAL OR THAT IS OPERATING BELOW STANDARDS AS DETERMINED BY THE OWNER. SHALL BE REMOVED FROM THE SITE AND SHALL BE REPLACED REPLACEMENTS SHALL BE OF THE SAME KIND AS SPECIFIED IN THE IRRIGATION
- LEGEND. AND SHALL BE INSTALLED AS ORIGINALLY SPECIFIED. IRRIGATION PARTS DAMAGED OR IMPAIRED DUE TO ACTS OF GOD. VANDALISM. AND/OR THE OWNER'S IMPROPER MAINTENANCE SHALL NOT BE COVERED BY THIS WARRANTY
- SHOULD THE PERMITTING JURISDICTION REQUIRE AN IRRIGATION AUDIT, THE IRRIGATION CONTRACTOR SHALL RETAIN THE SERVICES OF A THIRD-PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR, AT NO ADDITIONAL COST TO THE OWNER.

## PLANTING SPECIFICATIONS

- A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A
- SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID CONTRACTOR'S LICENSE ISSUED BY THE APPROPRIATE LOCAL JURISDICTION
- B. SCOPE OF WORK WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND
- COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE ANDSCAPE PLANS, NOTES, AND DETAILS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS.
- CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS
- THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

### **PRODUCTS**

- A. ALL MANUFACTURED PRODUCTS SHALL BE NEW. B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
  - FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMACTIC CONDITIONS
- ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS) TREES MAY BE PLANTED FROM CONTAINERS OR BALLED-AND-BURLAPPED (B&B) UNLESS SPECIFIED ON THE PLANTING LEGEND. BARE-ROOT TREES ARE NOT ACCEPTABLE
- ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTBLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE ANY PLANTS APPEARING TO BE UNHEALTHY EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES
- WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREÉS UP TO AND INCLUDING FOUR INCHES IN CALIPER. AND TWELVE INCHES ABOVE THE ROOT FLARE FOR TREES EXCEEDING FOUR INCHES IN CALIPER
- FROM THE TOP OF THE ROOT BALL. WHERE CALIPER MEASUREMENTS ARE USED, THE CALIPER SHALL BE CALCULATED AS ONE-HALF OF THE SUM OF THE CALIPER OF THE THREE LARGEST TRUNKS. ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE

MULTI-TRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED

- REJECTED. C. TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH,
- FOREIGN MATTER, PLANTS, ROOTS, AND SEEDS. D. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8: MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT: 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE: SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M: NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO
- PLANTINGS. NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED. F FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN PHOSPHORUS POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY (SEE
- F. MULCH: SIZE AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS. TREE STAKING AND GUYING
- STAKES: 6' LONG GREEN METAL T-POSTS. GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER. STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE TRUNKS FROM DAMAGE.
- H. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

- A. SOIL PREPARATION BEFORE STARTING WORK. THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST.
- SOIL TESTING: a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED. CONTRACTOR SHALL HAVE SOIL SAMPLES FROM THE PROJECT'S LANDSCAPE AREAS TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY. EACH SAMPLE SUBMITTED TO THE LAB SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL. TAKEN FROM BETWEEN THE SOIL SURFACE AND 6" DEPTH. IF NO SAMPLE LOCATIONS ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE A MINIMUM OF THREE SAMPLES FROM VARIOUS REPRESENTATIVE LOCATIONS FOR TESTING. b. THE CONTRACTOR SHALL HAVE THE SOIL TESTING LABORATORY PROVIDE
- RESULTS FOR THE FOLLOWING: SOIL TEXTURAL CLASS, GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT c. THE CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES.
- THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): SEPARATE SOIL PREPARATION AND BACKFILL MIX RECOMMENDATIONS FOR GENERAL ORNAMENTAL PLANTS, XERIC PLANTS, TURF, AND NATIVE SEED, AS WELL AS PRE-PLANT FERTILIZER APPLICATIONS AND RECOMMENDATIONS FOR ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE.
- THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE SOILS REPORT RECOMMENDATIONS. ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE
- a. TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F.
- 12-12-12 FERTILIZER (OR SIMILAR, ORGANIC, SLOW RELEASE) 10 LBS. PER CU. iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE IRON SULPHATE - 2 LBS. PER CU. YD.
- IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON
- TURE AREA AND PLANTING BED PREPARATION CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS. AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL
- EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (BASED ON A SOIL TEST, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO

THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE

- ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY e. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH
- ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER. ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS. TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL

- B. SUBMITTALS THE CONTRACTOR SHALL PROVIDE SUBMITTALS AND SAMPLES, IF REQUIRED, TO THE LANDSCAPE ARCHITECT. AND RECEIVE APPROVAL IN WRITING FOR SUCH
- SUBMITTALS BEFORE WORK COMMENCES SUBMITTALS SHALL INCLUDE PHOTOS OF PLANTS WITH A RULER OR MEASURING STICK FOR SCALE PHOTOS OR SAMPLES OF ANY REQUIRED MULCHES AND SOIL TEST RESULTS AND PREPARATION RECOMMENDATIONS FROM THE TESTING LAB (INCLUDING COMPOST AND FERTILIZER RATES AND TYPES, AND OTHER AMENDMENTS FOR TREE/SHRUB, TURF, AND SEED AREAS AS MAY BE
- APPROPRIATE) SUBMITTALS SHALL ALSO INCLUDE MANUFACTURER CUT SHEETS FOR PLANTING ACCESSORIES SUCH AS TREE STAKES AND TIES, EDGING, AND LANDSCAPE FABRICS
- WHERE MULTIPLE ITEMS ARE SHOWN ON A PAGE, THE CONTRACTOR SHALL CLEARLY INDICATE THE ITEM BEING CONSIDERED.
- REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES, APPLY PRE-EMERGENT HERBICIDES AT THE MANUFACTURER'S RECOMMENDED RATE.
- TRENCHING NEAR EXISTING TREES a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE
- AVERAGE GRADE AT THE TRUNK). b. ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ.
- c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS. WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL
- TRENCHES WITHIN THE CANOPY DRIP LINES WITHIN 24 HOURS. d ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND ALLOWED TO AIR-DRY. DO NOT USE ANY SORT OF SEALERS OR WOUND PAINTS
- TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE ROOTBALL LESS TWO TO FOUR INCHES. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE

TREE PLANTING

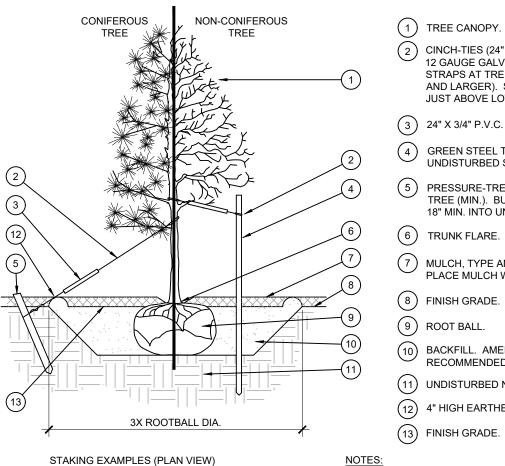
- PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED DURING THE EXCAVATION OF THE HOLE. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES JUST BEFORE PLACING
- INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL. INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL
- FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL. TREES SHALL NOT BE STAKED UNLESS LOCAL CONDITIONS (SUCH AS HEAVY WINDS OR SLOPES) REQUIRE STAKES TO KEEP TREES UPRIGHT. SHOULD STAKING BE REQUIRED, THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TRFF OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL ADHERE TO THE FOLLOWING GUIDELINES:
- TWO STAKES PER TREE a. 1"-2" TREES 2-1/2"-4" TRFFS THREE STAKES PER TREE
- TREES OVER 4" CALIPER GUY AS NEEDED THREE STAKES PER TREE MINIMUM, QUANTITY MUI TI-TRUNK TREES AND POSITIONS AS NEEDED TO STABILIZE THE TREE UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE INTERIOR OF THE TREE RING WITH MULCH (TYPE
- AND DEPTH PER PLANS). SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. INSTALL THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST RECOMMENDATIONS. WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS)
- OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA. INSTALL MULCH TOPDRESSING, TYPE AND DEPTH PER MULCH NOTE, IN ALL PLANTING AREAS AND TREE RINGS. DO NOT INSTALL MULCH WITHIN 6" OF TREE ROOT FLARE AND WITHIN 24" OF HABITABLE STRUCTURES, EXCEPT AS MAY BE NOTED ON THESE PLANS. MULCH
- THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL. DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN

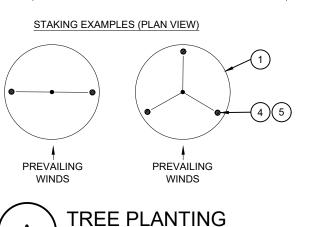
COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE

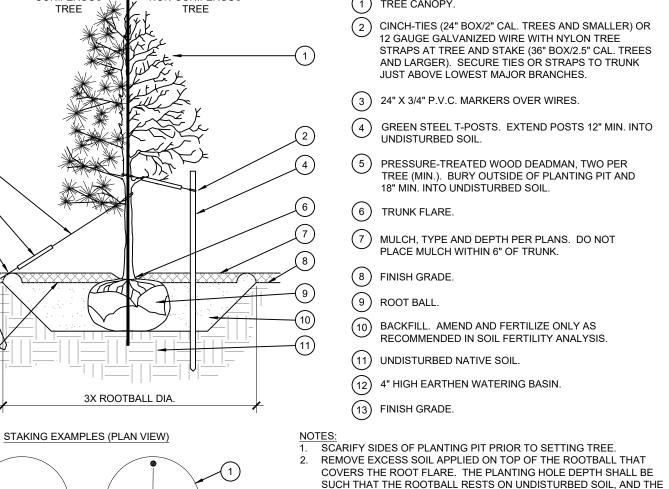
- AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE. G. INSPECTION AND ACCEPTANCE UPON COMPLETION OF THE WORK. THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS
- BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS. THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE

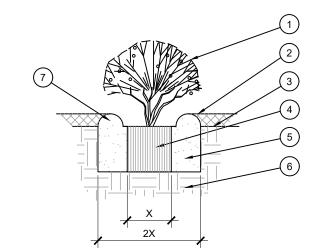
INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION

- LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE. LANDSCAPE MAINTENANCE
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, WEEDING, TREATING FOR INSECTS AND DISEASES, REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
- TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR: THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE. b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
- WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS PERENNIALS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE. AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD
- THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS. PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.









1) SHRUB, PERENNIAL, OR ORNAMENTAL GRASS. ) MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT

ROOT FLARE IS 2"-4" ABOVE FINISH GRADE

FOR B&B TREES CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE

BASKET AFTER TREE IS SET IN HOLE. REMOVE ALL NYLON TIES.

TWINE, ROPE, AND OTHER PACKING MATERIAL. REMOVE AS MUCH.

FOR TREES 36" BOX/2.5" CAL. AND LARGER, USE THREE STAKES OR

BENDING, BUT LOOSE ENOUGH TO ALLOW SOME TRUNK MOVEMENT

DEADMEN (AS APPROPRIATE), SPACED EVENLY AROUND TREE.

6. STAKING SHALL BE TIGHT ENOUGH TO PREVENT TRUNK FROM

PLACING TREE IN HOLE, CUT OFF AND REMOVE REMAINDER OF

BURLAP FROM AROUND ROOTBALL AS IS PRACTICAL.

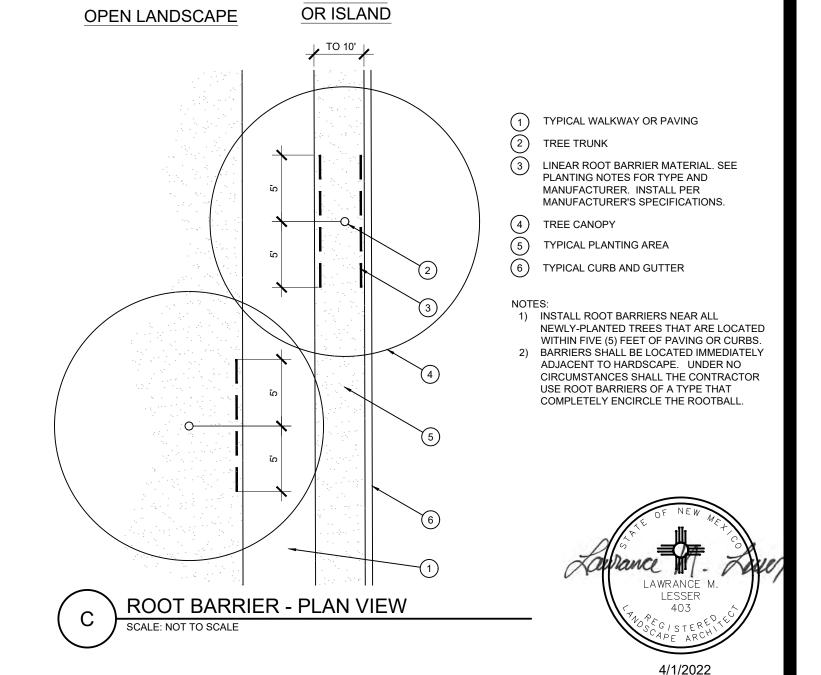
REMOVE ALL NURSERY STAKES AFTER PLANTING.

- 3) FINISH GRADE (4) ROOT BALL.
- (5) BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS
- (7) 3" HIGH EARTHEN WATERING BASIN

(6) UNDISTURBED NATIVE SOIL



**PARKWAY** 





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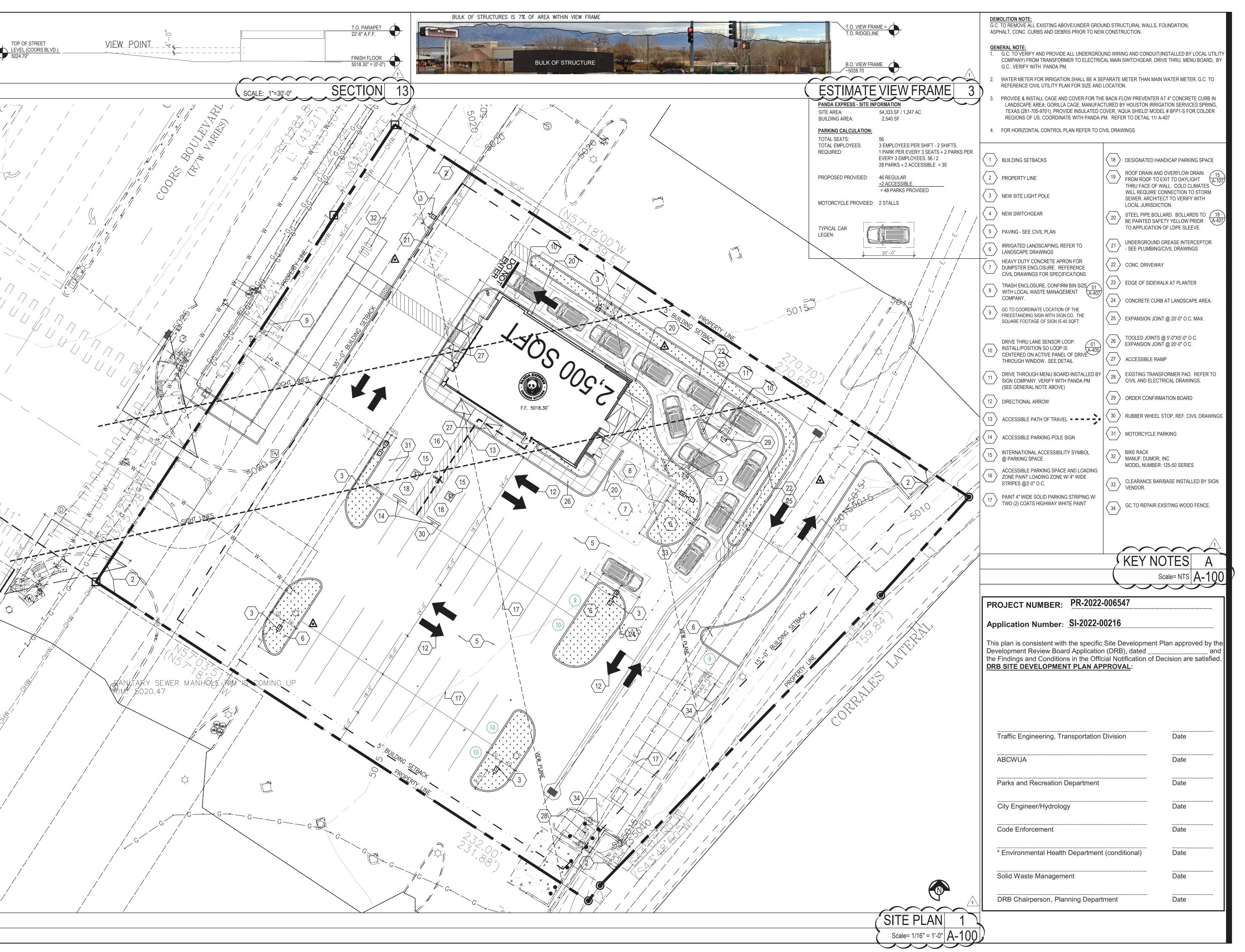
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	DRB SUBMITTAL	12-28-21

DRAWN BY: RM/KS

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# ARCHITECTURE DESIGN

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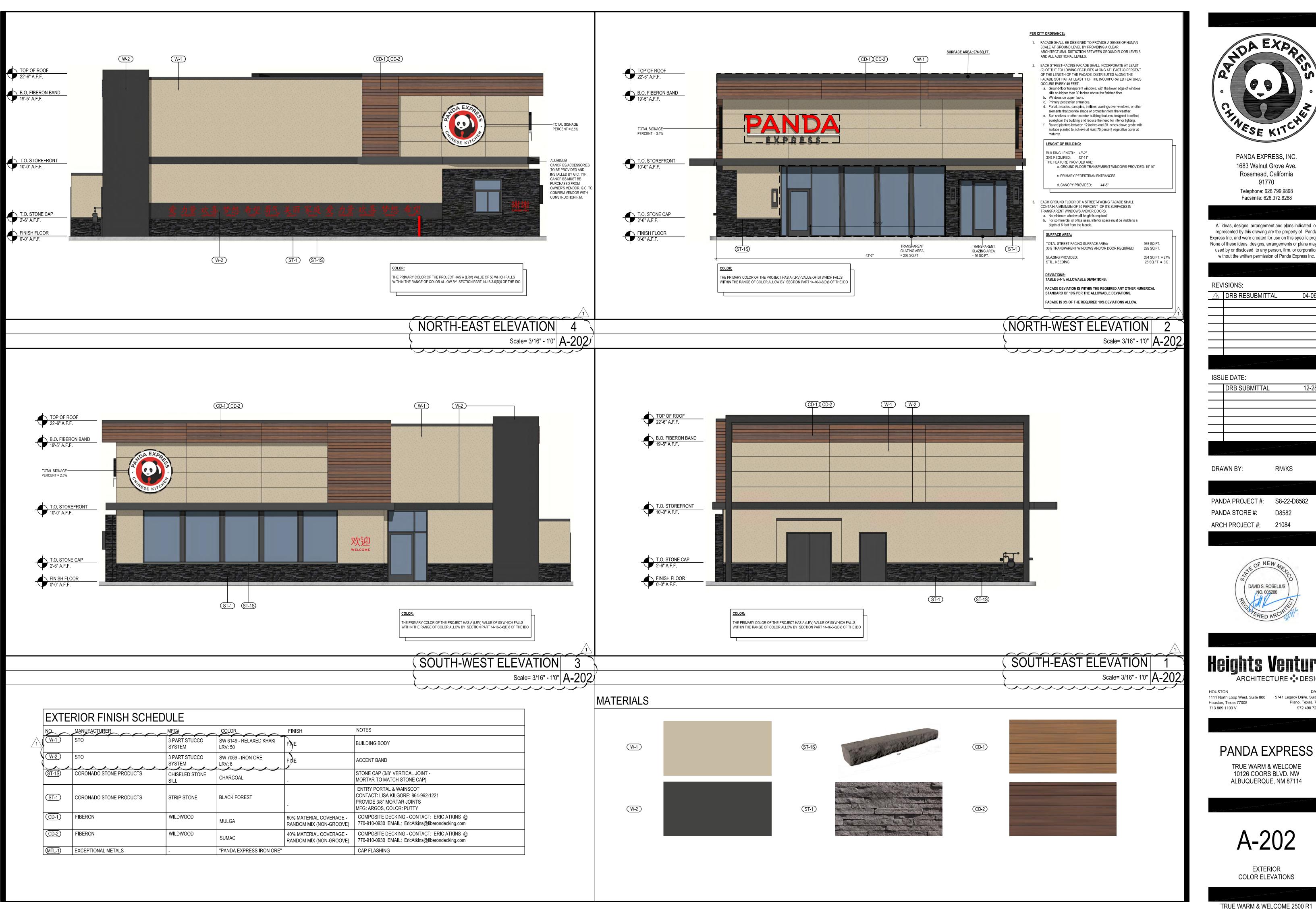
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