

Bryant Development and Review Committee Meeting

Boswell Municipal Complex - City Hall Conference Room 210 SW 3rd Street

Date: January 16, 2025 - Time: 9:00 AM

Call to Order

Old Business

New Business

1. Panera Bread - 23146 I-30 - Site Plan

Crafton Tull - Requesting Site Plan Approval

- · 0935-APP-01.pdf
- 0935-SWP-01.pdf
- <u>0935-ADEQ-01.pdf</u>
- 0935-PLN-01.pdf
- <u>0935-DRN-01.pdf</u>
- 0935-PLN-01b.pdf

2. Hawkins Valley Ph 1 - Preliminary Plat

GarNat Engineering - Requesting Recommendation for Preliminary Plat Approval

- <u>0936-PLT-01.pdf</u>
- 0936-PPLN-01.pdf
- 0936-SVY-01.pdf

3. 203 SW 4th St - Plat

GarNat Engineering - Requesting Recommendation for Plat Approval

- <u>0936-PLT-01.pdf</u>
- 0936-PPLN-01.pdf
- <u>0936-SVY-01.pdf</u>

4. Lombard Heights Ph 3 - Final Plat

Hope Consulting - Requesting Recommendation for Final Plat Approval

- · 0937-PLT-01.pdf
- <u>0937-ASB-01.pdf</u>
- · 0937-APP-01.pdf
- <u>0937-LTR-01.pdf</u>

5. Big Oak Addition - Lot 18 - Replat

Rasburry Surveying - Requesting Recommendation for Approval of Replat of Lot 18 into 18A and 18B

· 0938-PLT-01.pdf

- 0938-PPLN-01.pdf
- <u>0938-APP-01.pdf</u>

Staff Approved

6. D1 Training - 1800 N Reynolds Road - Sign Permit

Arkansas Sign and Neon - Requesting Sign Permit Approval - STAFF APPROVED

- <u>93319-SGNAPP-02.pdf</u>
- 93319-SGNAPP-01.pdf

7. Empire Vape & Smoke Shop - 319 Bryant Ave - Sign Permit

 $Aero\ Signs-Requesting\ Sign\ Permit\ Approval-STAFF\ APPROVED$

• 93320-SGNAPP-01.PDF

Permit Report

Adjournments



SMALL SCALE DEVELOPMENT COMMERCIAL BUILDING CHECKLIST

CITY OF BRYANT 210 SW 3RD STREET BRYANT, AR 72022 501-943-0309

PC MEETING DATE:

THURSDAY OF EACH WEEK

TIME:

9:00 A.M.

PLACE:

ADMINISTRATION CONFERENCE ROOM-BRYANT OFFICE

COMPLEX

AGENDA DEADLINE:

5:00 P.M. FRIDAY PRIOR TO SCHEDULED MEETING DATE

REQUIREMENTS FOR SUBMISSION

- 1. COMPLETED CHECKLIST (SUBDIVISION OR BUILDING)
- 2. ADA/ABA FORM COMPLETED
- 3. Two full sets of Building Plans
- 4. 12 FOLDED COPIES OF SITE PLAN (MINIMUM SIZE 17" X 34") THAT INCLUDES THE FOLLOWING:
 - A, VICINITY MAP
 - **B. LEGAL DESCRIPTION**
 - C. LANDSCAPING PLAN
- 5.\ 12 FOLDED COPIES OF FLOOR PLAN
- 6. 12 COPIES OF FRONT AND REAR BUILDING ELEVATIONS
- 7. A CD IN .PDF FORMAT
- 8. Copy of ADEQ Stormwater Pollution Prevention Plan for property parcel containing one acre or larger.
- 9. 2 COPIES OF STORMWATER DETENTION PLAN
- 10. \$250.00 FOR STORMWATER DETENTION AND DRAINAGE PLAN REVIEW

<u>ALL REQUIREMENTS LISTED ABOVE MUST BE COMPLETED AND ATTACHED BEFORE</u> SUBMITTING APPLICATION TO BE PLACED ON THE PLANNING COMMISSION AGENDA.

NOTE: When making changes to an approved Site Plan, a revised Site Plan must be submitted to the Bryant Planning Commission for approval. This must be done prior to implementation. Failure to comply will result in penalties/fines being imposed in accordance with City ordinances.

I HAVE COMPLIED WITH THE REQUIREMENTS LISTED ABOVE AND HAVE CHECKED ALL OF THE BOXES ON THE CHECKLIST WHICH APPLY TO THIS PROJECT SUBMITTAL.

Austin Brown	01/06/2025
SIGNATURE	DATE

DATE

City of Bryant Commercial Building Checklist

Name of Development Panera Bread Bryant

Site Location Lot 2 of the Reynolds Centre I-30, Bryant, AR 72022 Curi

Current zoning C-3

Owner Terra Equities, LLC

Phone (206) 862-4398

I. BASIC INFORMATION NEEDED ON THE SITE PLAN

- ▲ 1. Name of Development
- 2. Current zoning
- ▲ 3. Name and Address of owner of Record
- ▲ 4. Name and address of the architect, landscape architect, engineer, surveyor, or other person involved in the preparation of the plan
- 5. Date of preparation of the plan
- lacktriangle 6. Vicinity map locating streets, highways, section lines, railroad, schools, & parks within $\frac{1}{2}$ mile
- Legal description of the property with exact boundary lines
- ▲ 8. North arrow & Scale
- ▲ 9. Identification of any land areas within the 100 year floodplain and within the 100 year floodway
- ▲ 10. Lot area in square feet
- ▲ 11. Show scale (not less than 1" = 100') (paper size minimum 17" X 34")
- ▲ 12. Existing streams, drainage channels, and other bodies of water
- ▲ 13. Drainage easements for stormwater run-off and detention shown & labeled
- ▲ 14. Location and name of existing streets
- ▲ 15. Show source of water supply
- ▲ 16. Show location of waste water connection to municipal system & sanitary sewer layout
- ▲ 17. Fire Hydrant placement
- ▲ 18. Proposed location of buildings and other structures, parking areas, drives, loading areas, service areas, alleys, walks, screening, and public streets
- ▲ 19. Sufficient dimensions to indicate relationship between buildings, property lines, parking areas and other elements of the plan
- ▲ 20. Extent and character of proposed landscaping. Common and/or Botanical plant names and sizes of new vegetation must be clearly indicated.
- ▲ 21. Location, massing and pattern of existing vegetation to be retained
- ▲ 22. Existing structures on the site
- ▲ 23. Pedestrian and vehicular access points, sidewalks, crosswalks, etc.
- ▲ 24. Typical building elevations depicting the style, size and exterior construction materials of the buildings proposed. Where several building types are proposed on the plan, such as apartments and commercial buildings, a separate sketch shall be prepared for each type. The elevations shall be drawn at a minimum scale of 1/16" to a foot and must show adjoining context.
- 25. Any variance approvals

ADDITIONAL INFORMATION NEEDED, BUT NOT ON THE SITE PLAN

COMMERCIAL BUILDING WORKSHEET

	Yes	No
Site is compatible with Master Street Plan	X	110
Proposed improvement is within building line setbacks Front 50 ft. Side 25 ft. CNR Side ft. Back 25 ft.	X	
Parking requirements can be satisfied Floor Space2,480sq.ft. divided by 300 =8 (no. of parking spaces required)	X	
Improvement is outside 100 year flood plain (if answer is no - Provide 404 Permit for site)	X	
Lowest building floor level and all mechanical equipment are above FEMA 100 year flood elevation	Х	
Will there be a dumpster located on the site?	X	
Will there be a construction site office?		
Have you made "One Call"?	X	
Structure and site complies with ADA (Americans with Disability Act) and ABA (Architectural Barriers Act) Accessibility Guidelines	Х	
Design complies with Arkansas Plumbing Code and National Electric Code requirements		
Foundation and structure meet earthquake requirements for Zone 1.		
Structure meets Arkansas Energy Code for specified use.		
Complies with Arkansas Fire Prevention Code	Х	
Complies with International Code Council regulations		
Will a Site Clearance Permit be required? (City Ordinance 2002-03)		Х
Are you granted any variances by the Board of Adjustment?		Χ
If you have been granted a variance please explain in detail:		

III. LANDSCAPING COMPLIANCE WITH REQUIREMENTS

	YES	<u>ио</u>
No planting within 5 feet of a fire hydrant	X	
Spacing will be 40' between trees	X	
Tree must be a minimum 3" in diameter at the base and 12' + tall	X	
Existing trees meeting the minimum size can be counted to meet above criteria	X	
No trees can be planted within 30 feet of a property corner or driveway	X	
Shrubs along street right-of-way lines cannot exceed 30 inches in height	X	

IV. SITE COVERAGE COMPLIANCE WITH REQUIREMENTS

(FOR YOUR CONVENIENCE WE HAVE LISTED THE THREE COMMERCIAL ZONING SITE COVERAGE REQUIREMENTS -

CHOOSE THE ZONING FOR THIS PROJECT AND COMPLETE ONLY THAT SECTION) YES NO 1. C-1 Zoning - Neighborhood Commercial Lot area: minimum of 2,500 square feet; maximum 16,000 square feet Front Yard: none required Side Yard: minimum of 5 feet each side Rear Yard: minimum of 55 feet Maximum lot coverage of 70% of the total area of the site for all principal, accessory buildings, parking lots, sidewalks, private streets, or drives. Parking: one space per each 200 sq. ft. of commercial use Loading areas: physically separated from all streets with 10 ft grassy area When abuts a residential district, a minimum 6' high wood, rock, or masonry fence is required with a landscape screen 2. C-2 Zoning - Lots fronting along roadways designated as Interstate 30 and frontage roads, State Highway 5 and 183 Χ Front Yard: not less than 50 feet from front property line Side Yard: not required, except where they abut a street or a residential lot line Χ then a minimum of 25 feet is required Rear Yard: minimum of 15 feet, except where they abut residential area then a Χ minimum of 55 feet is required A maximum lot coverage of 35% of the total area of the site for all principal and Χ accessory buildings Parking: one space per each 300 sq. ft. of occupied space When abuts a residential district, a minimum 6' high wood, rock, or masonry n/a fence is required with a landscape screen 3. C-2 Zoning - Lots fronting along roadways designated as interior local. Front Yard: none required Side Yard: not required, except where they abut a street or a residential lot line then a minimum of 25 percent of lot dimension Rear Yard: minimum of 15 feet, except where they abut residential area then a minimum of 55 feet is required A maximum lot coverage of 85% of the total area of the site for all principal, accessory buildings and parking Parking: one space per each 300 sq. ft. of occupied space When abuts a residential district, a minimum 6' high wood, rock, or masonry fence is required with a landscape screen

V. SITE PLAN ATTACHMENTS

(APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- ▲ 26. Letter to Planning Commission stating your request
- 27. Completed Checklist
- ▲ 28. Completed ADA/ABA Form
- ▲ 29. Two full sets of Building Plans
- ▲ 30. 20 copies of Site Plan (folded to no larger than 8 ½ X 14 size) that includes vicinity map and landscaping plan (minimum size 17" X 34" paper)
- ▲ 31. 20 copies of Landscaping Plan (folded to no larger than 8 ½ X 14 size)
- ▲ 32. 20 copies of building floor plan (folded to no larger than 8 ½ X 14 size)
- ▲ 33. Copy of Stormwater Detention approval
- ▲ 34. Copy of ADEQ Stormwater Pollution Prevention Plan for property containing one acre or larger.
- ▲ 35. IBM compatible diskette or CD with data in PDF format.
- ▲ 36. Receipt for \$250.00 for Stormwater Detention and Drainage Plan review

Owner	in the City of Bryant, Arkansas Round Place Engineek Architect 79-878-5801 Phone # 01/06/2025 Date
CITY USE Action Taken:	
Special Conditions:	
Permit Issued: Date Sq.Ft	Amount \$

Stormwater Pollution Prevention Plan (SWPPP) for Construction Activity for Small Construction Sites

National Pollutant Discharge Elimination System (NPDES) General Permit # ARR150000

Prepared for: Panera Bryant

Date:

December 2024

Prepared by:

Crafton, Tull & Associates, Inc.

Project Name and Location:	Panera Bryant	, I-30 W & N Rev	ynolds Rd., Bry	yant, AR
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Property Parcel Number (Optional): 840-08540-002

Operator Name and Address: Terra Equities, LLC; 2530 Watkins Road, Birmingham, AL 35223

A. Site Description

- a. Project description, intended use after NOI is filed: <u>This project will consist of a drive through restaurant and associated parking lot.</u>
- b. Sequence of major activities which disturb soils:

PHASE I

- 1. INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.
- 2. PREPARE TEMPORARY PARKING AND STORAGE AREAS. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTY-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROGRESS.
- 3. CONSTRUCT THE SILT FENCES (OR EQUIVALENT) ON THE SITE.
- 4. HALT ALL ACTIVITIES AND CONTACT THE CIVIL ENGINEER CONSULTANT TO PERFORM INSPECTION OF BMPs. GENERAL CONTRACTOR SHALL SCHEDULE AND CONDUCT STORM WATER PRE-CONSTRUCTION MEETING WITH ENGINEER AND ALL GROUND-DISTRUBING

CONTRACTORS BEFORE PROCEEDING WITH CONSTRUCTION.

- 5. CLEAR AND GRUB THE SITE.
- 6. START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.
- 7. BEGIN GRADING THE SITE.

PHASE II

- 1. TEMPORARILY SEED DENUDED AREAS.
- 2. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- 3. INSTALL RIP-RAP AND/OR SCOUR STOP AROUND OUT STRUCTURES.
- 4. INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES.
- 5. PREPARE SITE FOR PAVING.
- 6. PAVE SITE.
- 7. INSTALL INLET PROTECTION DEVICES.
- 8. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- 9. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IF SITE IS STABILIZED.

c. Total Area¹: 1.57	Disturb	ed Area²: 0.79
d. Soils Information:		
i. Runoff Coefficient	Pre-Construction (See Appendix A) :51
	•	(See Appendix A):64
		discharge from the site: Soil Types
Tiak silt loam	· ····································	
B. Responsible Parties	•	
Be sure to assign all SWPPP relate	ed activities to an i	ndividual or nosition: even if the
specific individual is not yet knowi		•
specific marriadar is not yet known		Service Provided for SWPPP (i.e.,
Individual/Company	Phone Number	Inspector, SWPPP revisions,
marviadar, company	Thore wanter	Stabilization Activities, BMP
		Maintenance, etc.)
		Inspections
		SWPPP Revisions
		Stabilization Activities
		BMP Maintenance
C. Receiving Waters		
a. The following waterbody (or waterbodies) re	eceives stormwater from this
construction site: An open	ditch along I-30, the	nce to unnamed tributary of Hurricane
Creek, thence to Hurricane C	creek, thence to the	Saline River, and ultimately into the
Ouachita River.		· · · · · · · · · · · · · · · · · · ·
b. Is the project located with	in the jurisdiction	of an MS4? ⊠Yes □No
i. If yes, Name of MS		
c. Ultimate Receiving Water:		
Red River	•	St. Francis River
⊠Ouachita River		Mississippi River
Arkansas River		
White River		
D. Site Map Requirements (Attach Si	ite Man):	
· · ·	• •	
a. Pre-construction topograp		and the least of the second
b. Direction of stormwater flo		
stormwater will flow) and	approximate slope	es anticipated after grading
activities;		

c. Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit;

- d. Location of major structural and nonstructural controls identified in the plan;
- e. Location of main construction entrance and exit;
- f. Location where stabilization practices are expected to occur;
- g. Locations of off-site materials, waste, borrow area, or equipment storage area;
- h. Location of areas used for concrete wash-out;
- Location of all surface water bodies (including wetlands) with associated natural buffer boundary lines. Identify floodplain and floodway boundaries, if available;
- j. Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable,
- k. Locations where stormwater is discharged off-site (should be continuously updated);
- I. Areas where final stabilization has been accomplished and no further construction phase permit requirements apply;
- m. A legend that identifies any erosion and sediment control measure symbols/labels used in the site map and/or detail sheet; and
- n. Locations of any storm drain inlets on the site and in the immediate vicinity of the site.

E. Stormwater Controls

- a. Initial Site Stabilization, Erosion and Sediment Controls, and Best Management Practices:
 - i. Initial Site Stabilization: <u>Trenching for the installation of silt fence and grading for the construction entrance.</u>
 - ii. Erosion and Sediment Controls: <u>For the construction of this project wire-backed fence, fiber flocculant tubes, construction entrance, wheel wash, and inlet protection will be used on this site.</u>

III.	If periodic inspections or other information indicates a control has bee
	used inappropriately or incorrectly, the operator will replace or modify
	the control for site situations: XYes No
	If No, explain:
iv.	Off-site accumulations of sediment will be removed at a frequency
	sufficient to minimize off-site impacts: Xes No
	If No, explain:
٧.	Sediment will be removed from sediment traps or sedimentation pond
	when design capacity has been reduced by 50%: XYes No
	If No, explain:

	vi.	Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges: Yes No If No, explain:
	vii.	Off-site material storage areas used solely by the permitted project are
		being covered by this SWPPP: Yes No
		If Yes, explain additional BMPs implemented at off-site material storage area:
b.	Stabili	zation Practices
	i.	Description and Schedule: Stabilization will be a combination of seeding and
		placing sod on disturbed areas not to receive pavement or structures. Area's
		where there are temporarily no active construction must be stabilized within 14
		days regardless of final grading plans. Upon reaching finished grade elevations
		the area must be stabilized immediately.
	ii.	Are buffer areas required? XYes No
		If Yes, are buffer areas being used? ⊠Yes ☐No
		If Yes, describe natural buffer areas: Landscape buffer or
		easements around the perimeter of the site.
		If No, explain why not:
	iii.	A record of the dates when grading activities occur, when construction
		activities temporarily or permanently cease on a portion of the site, and
		when stabilization measures are initiated shall be included with the plan.
		⊠Yes □No
		If No, explain:

- iv. Deadlines for stabilization:
 - 1. Stabilization procedures will be initiated 14 days after construction activity temporarily ceases on a portion of the site.
 - 2. Stabilization procedures will be initiated immediately in portions of the site where construction activities have permanently ceased.

_	Structural	l D 1:
c.	Juluctura	iriacuces

i.	Describe any structural practices to divert flows from exposed soils, store flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site:silt fences, fiber flocculant tubes, and inlet protection
ii.	Describe Velocity Dissipation Devices: <u>rip rap and/or scour stop</u>
iii.	Sediment Basins:
	Are 10 or more acres draining to a common point? ☐Yes ☒No Is a sediment basin included in the project? ☐Yes ☒No
	If Yes, what is the designed capacity for the storage?
	3600 cubic feet per acre =:
	or
	☐ 10 year, 24 hour storm = :
	Other criteria were used to design basin:
	If No, explain why no sedimentation basin was included and
	describe required natural buffer areas and other controls
	implemented instead:
F. Other Control	S
	naterials, including building materials, shall be prevented from being
discha	rged to Waters of the State: Xes No
b. Off-sit	e vehicle tracking of sediments and the generation of dust shall be
minim	ized through the use of:
	A stabilized construction entrance and exit
	Other controls, describe:
c. Tempo	prary Sanitary Facilities: Portable bathrooms will be used on site and serviced

by a qualified licensed individual. They will be placed near the construction trailer and

maintained is such fashion to avoid spillage onto the site.

	d.	Concrete Waste Area Provided:
		Yes No. Concrete is used on the site, but no concrete washout is provided. Explain why:
		N/A, no concrete will be used with this project
	e.	Fuel Storage Areas, Hazardous Waste Storage, and Truck Wash Areas: <u>Any fuel</u>
		or hazardous waste stored on site will be kept in a containment facility sized to hold
		$\underline{\text{twice the volume of the fuel or hazardous waste being stored. The truck wash area } \underline{\text{will}}$
		utilize a constructed holding pit lined with an impermeable membrane and shot
		rock.
_		
G.	Non-St	tormwater Discharges
	a.	The following allowable non-stormwater discharges comingled with stormwater
		are present or anticipated at the site: Fire-fighting activities;
		Fire hydrant flushings;
		Water used to wash vehicles (where detergents or other chemicals are
		not used) or control dust in accordance with Part II.A.4.H.2;
		Potable water sources including uncontaminated waterline flushings;
		Landscape Irrigation;
		igtimesRoutine external building wash down which does not use detergents or
		other chemicals;
		Pavement wash waters where spills or leaks of toxic or hazardous
		materials have not occurred (unless all spilled materials have been removed)
		and where detergents or other chemicals are not used; Uncontaminated air conditioning, compressor condensate (See Part
		I.B.13.C of the permit);
		Uncontaminated springs, excavation dewatering and groundwater (See
		Part I.B.13.C of the permit);
		Foundation or footing drains where flows are not contaminated with
		process materials such as solvents (See Part I.B.13.C of the permit);
	b.	Describe any controls associated with non-stormwater discharges present at the
		site: <u>silt fence, detention, check dams</u>
Н.	Perma	nent Controls for Post-Construction Stormwater Management:
	De	scribe measures installed during the construction process to control pollutants in
	stc	rmwater discharges that will occur after construction operations have been
	COI	mpleted:Stormwater detention facilities will be used as a sediment basin after
	cor	nstruction.

I.	Applicable State or Local Programs: The SWPPP will be updated as necessary to reflect any revisions to applicable federal, state, or local requirements that affect the stormwater controls implemented at the site. Yes No
J.	Inspections
	a. Inspection frequency:
	Every 7 calendar days
	or
	At least once every 14 calendar days and within 24 hours of the end of a
	storm even 0.25 inches or greater (a rain gauge must be maintained on-site)
	b. Inspections:
	Completed inspection forms will be kept with the SWPPP.
	ADEQ's inspection form will be used (See Appendix B)
	or
	A form other than ADEQ's inspection form will be used and is attached
	(See inspection form requirements Part II.A.4.L.2)

- c. Inspection records will be retained as part of the SWPPP for at least 3 years from the date of termination.
- d. It is understood that the following sections describe waivers of site inspection requirements. All applicable documentation requirements will be followed in accordance with the referenced sections.
 - i. Winter Conditions (Part II.A.4.L.4)
 - ii. Adverse Weather Conditions (Part II.A.4.L.5)

K. Maintenance:

The following procedures to maintain vegetation, erosion and sediment control measures and other protective measures in good, effective operating condition will be followed: __Any grass areas that are disturbed will be immediately re-established with grass. All silt fences will be clean once sediment has accumulated to half the height of the silt fence. The construction entrance will be cleaned or replaced once the voids between the shot rock are half full

Any necessary repairs will be completed, when practicable, before the next storm event, but not to exceed a period of 3 business days of discovery, or as otherwise directed by state or local officials.

L. Employee Training:

The following is a description of the training plan for personnel (including contractors and subcontractors) on this project: The general contractor shall hold meetings with all subcontractors before the commence work on the site to review the SWPPP and the steps necessary for each trade to comply with the SWPPP. The General Contractor shall employ an individual qualified to lead these meetings. In addition, the General Contractor shall hold weekly meetings with all trades working on the site that week to review the SWPPP and to ensure compliance

^{**}Note, Formal training classes given by Universities or other third-party organizations are not required, but recommended for qualified trainers; the permittee is responsible for the content of the training being adequate for personnel to implement the requirements of the permit.

Certification

"I certify under penalty of law that this document and all attachments such as Inspection Form were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Responsible or Cognizant Official:	
Title:	Date:

Computation Sheet for Determining Runoff Coefficients

Appendix A

Total Site Area =	Acres	[A]
Existing Site Conditions		
Impervious Site Area ¹ =	Acres	[B]
Impervious Site Area Runoff Coefficient ^{2, 4} =		[C]
Pervious Site Area ³ =	Acres	[D]
Pervious Site Area Runoff Coefficient ⁴ =		[E]
Pre-Construction Runoff Coefficient		
$[B \times C] + [D \times E]$	= .50	
[A]		
Proposed Site Conditions (after construction)		
Impervious Site Area ¹ =	Acres	[F]
Impervious Site Area Runoff Coefficient ^{2, 4} =		[G]
Pervious Site Area ³ =	Acres	[H]
Pervious Site Area Runoff Coefficient ⁴ =		[۱]

Post-Construction Runoff Coefficient

$$\frac{[F \times G] + [H \times I]}{[A]} =$$

- 1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
- 2. Use 0.95 unless lower or higher runoff coefficient can be verified.
- 3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
- 4. Refer to local Hydrology Manual for typical C values.

Note: The impervious and pervious surfaces should equal the total area.

					Date of I	nspection:		
nsp	ector Title: _							
			de			fall:		
Days Since Last Rain Event: days			Rai	nfall Since Las	t Rain Event: _		inches	
			ng Inspection: /Other Pollutant (s					
			Ps:					
nfc		ocation of Constru		1				
	Location		Activity Begin Date	Activity Occuring Now (y/n)?	Activity Ceased Date	Stabilizatio		bilization mplete e
		MPs in Need of Ma						
-OC	ation	In Working Order?	Maintenance : Date	Scheduled	Maintenance Date	Completed	Mainte Perforn	nance to be
		Order.	Dute		Dute		1 6110111	nea by
Cha	nges required	to the SWPPP:		Rea	asons for chan	ges:		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	i i i changes e	ompietea (aate).						
	"I certify unde	er penalty of law tl	hat this document	and all attachm	nents such as I	nspection Form	were pro	epared under m
			ance with a system	_		•		
			d on my inquiry of t rmation, the informa					
	=		nere are significant			-		
	· ·	nent for knowing vio	=		J	ŕ	J	. ,
Sigr	nature of Resp	oonsible or Cogniza	ant Official:				_ Date:	
-	·	_						
			Title:				_	

ARR150000 Inspection Form

Appendix B

The BMPs listed here should be considered for every project. Those BMPs that are not included in the SWPPP should be checked as "Not Used" with a brief statement describing why it is not being used.

Note: Appendix C and D do not have to be submitted with the SWPPP. These attachments are for use during the development of the SWPPP.

EROSION CONTROL BMPs											
	BMP Considered		· o d				BMP Not			If not used, state	
ВМР	for p			ВМР	Us	ed	Used			reason	
EC-1 Scheduling											
EC-2 Preservation of Existing Vegetation											
EC-3 Hydraulic Mulch											
EC-4 Hydroseeding											
EC-5 Soil Binders											
EC-6 Straw Mulch											
EC-7 Geotextiles & Mats											
EC-8 Wood Mulching											
EC-9 Earth Dikes & Drainage Swales											
EC-10 Velocity Dissipation Devices											
EC-11 Slope Drains											
EC-12 Stream bank Stabilization											
SE	DIME	NT C	ONTE	ROL BM	IPs						
	ВМР										
	Considered					BMP Not					
						_			t	If not used, state	
ВМР	for p			ВМР	Us	ed	Used		t 	If not used, state reason	
SE-1 Silt Fence				ВМР	Us	ed			t 		
SE-1 Silt Fence SE-2 Sediment Basin				ВМР	Use	ed			t 		
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming SE-8 Sand Bag Barrier				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming				ВМР	Use	ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming SE-8 Sand Bag Barrier				ВМР		ed					
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming SE-8 Sand Bag Barrier SE-9 Straw Bale Barrier SE-10 Storm Drain Inlet Protection SE-11 Chemical Treatment	for p		ect								
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming SE-8 Sand Bag Barrier SE-9 Straw Bale Barrier SE-10 Storm Drain Inlet Protection SE-11 Chemical Treatment	for p		ect	BMP							
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming SE-8 Sand Bag Barrier SE-9 Straw Bale Barrier SE-10 Storm Drain Inlet Protection SE-11 Chemical Treatment	o EROS	roje	N CON				Used			reason	
SE-1 Silt Fence SE-2 Sediment Basin SE-3 Sediment Trap SE-4 Check Dam SE-5 Fiber Rolls SE-6 Gravel Bag Berm SE-7 Street Sweeping and Vacuuming SE-8 Sand Bag Barrier SE-9 Straw Bale Barrier SE-10 Storm Drain Inlet Protection SE-11 Chemical Treatment	for p	roje	N CON		BM	Ps		Not			

TRACKING CONTROL BMPs											
	BMP Considered										
2142			BMP Used			BMP Not		ot	If not used, state		
BMP TD 1 Stabilized Construction Entrance /Fuit	for p	roje	ect	RMb	Us	ea	Used	_	1	reason	
TR-1 Stabilized Construction Entrance/Exit			<u> </u> 		\vdash	<u>]</u> 1		\vdash	<u>]</u>]		
TR-2 Stabilized Construction Roadway		\vdash]		F	<u>]</u> 1		\vdash	<u>]</u>		
TR-3 Entrance/Outlet Tire Wash	20024	<u> </u>	D 844	NA CER		IT DAA	D-				
NON-STOP	BMP		K IVIA	NAGEIV	IEN	II BIVI	PS				
	Cons		red				ВМР	No	ot	If not used, state	
ВМР	for p			ВМР	Us	ed	Used			reason	
NS-1 Water Conservation Practices	•	Ď									
NS-2 Dewatering Operations]					
NS-3 Paving and Grinding Operations]					
NS-4 Temporary Stream Crossing]					
NS-5 Clear Water Diversion											
NS-6 Illicit Connection/ Discharge											
NS-7 Potable Water/Irrigation]					
NS-8 Vehicle and Equipment Cleaning											
NS-9 Vehicle and Equipment Fueling											
NS-10 Vehicle and Equipment Maintenance]					
NS-11 Pile Driving Operations											
NS-12 Concrete Curing											
NS-13 Concrete Finishing]					
NS-14 Material and Equipment Use Over Water]					
NS-15 Demolition Adjacent to Water											
NS-16 Temporary Batch Plants]					
WASTE MANAGEMENT	1		TERIA	LS POLI	LUT	TION (CONTRO	OL I	BMPs		
	ВМР		•							16	
ВМР	for p			ВМР	He	od	BMP Used		ot	If not used, state reason	
WM-1 Material Delivery and Storage	ioi p			DIVIP]	Osec	<u>.</u>	1	1603011	
WM-2 Material Use]		H	<u>.</u>]		\vdash	<u> </u> 		
WM-3 Stockpile Management]		H]		\vdash	<u></u>		
WM-4 Spill Prevention and Control]		\vdash	1		\vdash	<u>-</u> 1		
WM-5 Solid Waste Management]		\vdash]		\vdash	<u> </u>		
WM-6 Hazardous Waste Management]		H]		\vdash	<u></u>		
WM-7 Contaminated Soil Management]		\vdash	1		\vdash	<u></u>		
WM-8 Concrete Waste Management]		H	<u>. </u>		\vdash	<u> </u> 		
WM-9 Sanitary/Septic Waste Management]		H]		\vdash	<u></u>		
WM-10 Liquid Waste Management		F]		H]		十	<u> </u>		
TTITLE TO EIGHT TTUJE ITUINGELIILIE	1	1	i	1		i	1	1		1	

SWPPP Completion Checklist

Appendix D

Yes = Complete

No = Incomplete/Deficient

N/A = Not applicable to project

Yes	No	N/A	A. A site description, including:	Permit Section Citation
			1. Project description, intended use after NOT	Part II.A.4.A.1
			2. Sequence of major activities	Part II.A.4.A.2
			3. Total & disturbed acreage	Part II.A.4.A.3
			4. Pre- and post-construction runoff coefficient OR soil/discharge data	Part II.A.4.A.4
	1	1	B. Responsible Parties: All parties dealing with the SWPPP and the areas they are	
			responsible for on-site.	Part II.A.4.B
			responsible for our site.	Tart II.7X.7.D
			C. Receiving Water.	Part II.A.4.C
			-MS4 Name	Part II.A.4.C
			-Ultimate Receiving Water	Part II.A.4.C
			D. Documentation of permit eligibility related to Impaired Water Bodies and Tota	l Maximum Daily Loads (TMDI
			1. Identify pollutant on 303(d) list or TMDL	Part II.A.4.D.1
			2. Is construction activity or the specific site listed as cause?	Part II.A.4.D.2
			3. Measures taken to reduce pollutants from the site.	Part II.A.4.D.3
ι			E. Attainment of Water Quality Standards After Authorization.	Part II.A.4.E
			F. Site Map See End of Evaluation Form	Part II.A.4.F
			G. Description of Controls:	
			Erosion and sediment controls, including:	
			a. Initial site stabilization	Part II.A.4.G.1.a
			b. Erosion and sediment controls	Part II.A.4.G.1.b
			c. Replacement of inadequate controls	Part II.A.4.G.1.c
			d. Removal of off-site accumulations	Part II.A.4.G.1.d
			e. Maintenance of sediment traps/basins @ 50% capacity	Part II.A.4.G.1.e
			f. Litter, construction debris and chemicals properly handled	Part II.A.4.G.1.f
			g. Off-site storage areas and controls	Part II.A.4.G.1.g
			2 Stabilization processes	
		1	2. Stabilization practices:	D 4H 44C2
			a. Description and schedule for stabilization	Part II.A.4.G.2.a
	+	-	b. Description of buffer areas	Part II.A.4.G.2.b
			c. Records of stabilization	Part II.A.4.G.2.c
			d. Deadlines for stabilization	Part II.A.4.G.2.d
			3. Structural Practices:	
			-Describe structural practices to divert flows, store flows, or otherwise limit runoff	Part II.A.4.G.3
			a. Sediment basins	Part II.A.4.G.3.a.1
				T WITH THE THE THE THE THE THE THE THE THE T
			-Are more than 10 acres draining to a common point? If so, are sediment basins included?	
			-Sediment basin dimensions and capacity description and calculations	Part II.A.4.G.3.a.1
			-If a basin wasn't practicable, are other controls sufficient?	Part II.A.4.G.3.a.1
			b. Velocity dissipation devices concentrated flow from 2 or more acres	Part II.A.4.G.3.b
			H. Other controls including:	
			1. Solid waste control measures	Part II.A.4.H.1
			2. Vehicle off-site tracking controls	Part II.A.4.H.2
			3. Compliance with sanitary waste disposal	Part II.A.4.H.4
			4. Does the site have a concrete washout area controls?	Part II.A.4.H.5
			5. Does the site have fuel storage areas, hazardous waste storage and/or truck wash areas	
			controls?	Part II.A.4.H.6

SWPPP Completion Checklist

Appendix D

Yes	No	N/A		Permit Section Citation
			I. Identification of allowable non-storm water discharges	Part II.A.4.I
			-Appropriate controls for dewatering, if present	Part I.B.12.C
			J. Post construction stormwater management.	Part II.A.4.J
			K. State or local requirements incorporated into the plan.	Part II.A.4.K
		1	L. Inspections	D
			1. Inspection frequency listed?	Part II.A.4.L.1
		1	2. Inspection form	Part II.A.4.L.2
			Ours.	
			If not ours, does it contain the following items:	D . H . A I . 2
			a. Inspector name and title	Part II.A.4.L.2.a
			b. Date of inspection.	Part II.A.4.L.2.b
		-	c. Amount of rainfall and days since last rain event (14 day only)	Part II.A.4.L.2.c
			d. Approx beginning and duration of storm event	Part II.A.4.L.2.d
			e. Description of any discharges during inspection	Part II.A.4.L.2.e
			f. Locations of discharges of sediment/other pollutants	Part II.A.4.L.2.f
			g. BMPs in need of maintenance	Part II.A.4.L.2.g
			h. BMPs in working order, if maintenance needed (scheduled and completed)	Part II.A.4.L.2.h
			i. Locations that are in need of additional controls	Part II.A.4.L.2.i
			j. Location and dates when major construction activities begin, occur or cease	Part II.A.4.L.2.j
			k. Signature of responsible/cognizant official	Part II.A.4.L.2.k
			3. Inspection Records	Part II.A.4.L.3
			4. Winter Conditions	Part II.A.4.L.4
			5. Adverse Weather Conditions	Part II.A.4.L.5
			M. Maintenance Procedures	Part II.A.4.M
			N. Employee Training	Part II.A.4.N
			Signed Plan Certification	Part II.A.5. and Part II.B.10
			F. Site Map showing:	
			1. Pre-construction topographic view	Part II.A.4.F.1
			2. Drainage flow	Part II.A.4.F.2
			3. Approximate slopes after grading activities	Part II.A.4.F.2
			4. Areas of soil disturbance and areas not disturbed	Part II.A.4.F.3
			5. Location of major structural and non-structural controls.	Part II.A.4.F.4
			6. Location of main construction entrance and exit.	Part II.A.4.F.5
			7. Areas where stabilization practices are expected to occur.	Part II.A.4.F.6
			8. Locations of off-site materials, waste, borrow area or storage area.	Part II.A.4.F.7
	1	+	9. Locations of areas used for concrete wash-out.	Part II.A.4.F.8
			10. Locations of surface waters on site.	Part II.A.4.F.9
	1	+	11. Locations where water is discharged to a surface water or MS4.	Part II.A.4.F.10
	-	+	12. Storm water discharge locations.	Part II.A.4.F.11
	1		13. Areas where final stabilization has been accomplished.	Part II.A.4.F.11
	1		14. Legend for symbols/labels used	Part II.A.4.F.13
		+		
			15. Location of storm drain inlets on site or in immediate vicinity	Part II.A.4.F.14

SITE WITH AUTOMATIC COVERAGE (LESS THAN 5 ACRES) CONSTRUCTION SITE NOTICE

FOR THE

Arkansas Department of Environmental Quality (ADEQ) Storm Water Program

NPDES GENERAL PERMIT NO. ARR150000

The following information is posted in compliance with **Part I.B.8.A** of the ADEQ General Permit Number **ARR150000** for discharges of stormwater runoff from sites with automatic coverage. Additional information regarding the ADEQ stormwater program may be found on the internet at:

www.adeq.state.ar.us/water/branch npdes/stormwater

Permit Number	ARR150000
Contact Name: Phone Number:	
Project Description (Name, Location, etc.): Start Date: End Date: Total Acres:	Panera Bryant February 2025 February 2026 Total Disturbed Area - 0.79 acres
Location of Stormwater Pollution Prevention Plan:	Mailbox at Site Entrance
For Construction Sites Authorized under Part I.B.6.A (completed:	(Automatic Coverage) the following certification must be
an authorization under Part I.B.2. of the ADEQ Gener prevention plan has been developed and implemented	Typed or Printed Name of Person Completing this and understand the eligibility requirements for claiming al Permit Number ARR150000. A stormwater pollution according to the requirements contained in Part II.A.2.B enalties for providing false information or for conducted he and imprisonment for knowing violations.
Signature and Title	Date

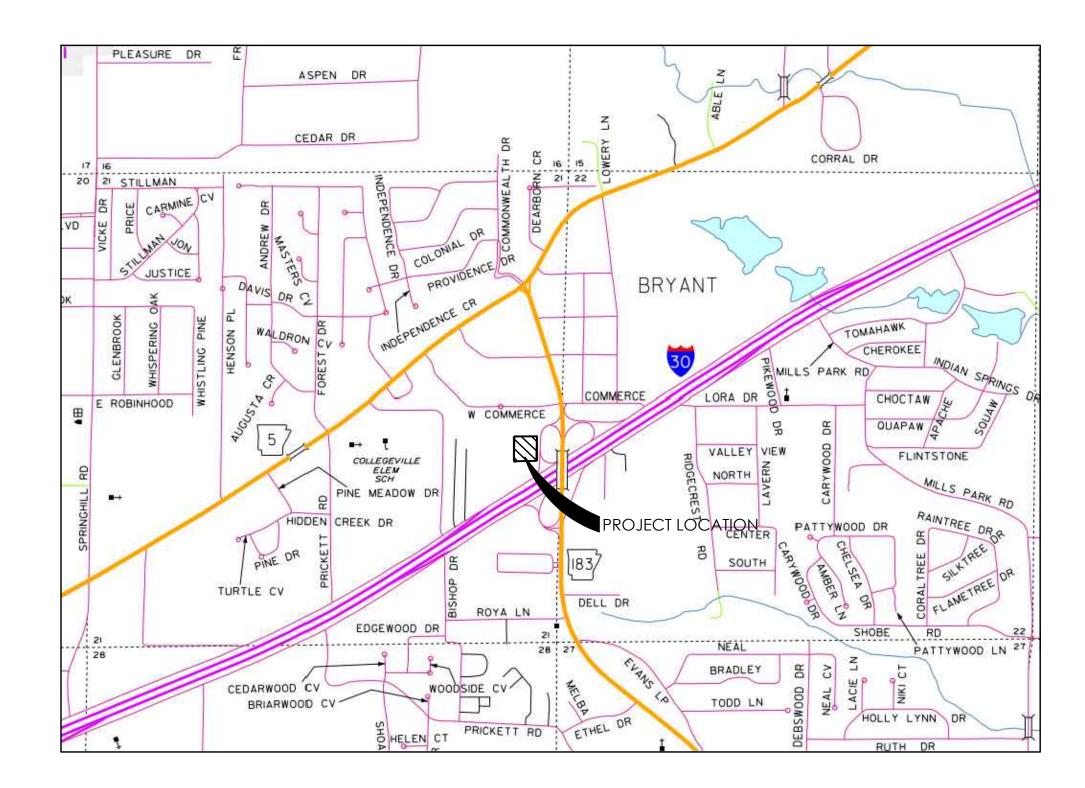
PANERA BREAD

LEGEND (EXISTING SYMBOLS)

SYMBOLS TELEPHONE PEDESTAL TV PEDESTAL MANHOLE INDEX CONTOUR SANITARY SEWER CLEANOUT GAS METER WATER LINE (SPECIFY SIZE & TYPE) WATER VALVE FIRE HYDRANT ASSEMBLY AIR RELEASE VALVE UNDERGROUND ELECTRIC FIRE DEPARTMENT CONNECTION WATER METER SPRINKLER HEAD UNDERGROUND TELEVISION ELECTRIC PEDESTAL GRATED INLET CHAIN LINK FENCE DROP INLET BARBED WIRE FENCE RIGHT OF WAY TREE TO BE REMOVED ROAD CENTERLINE

- 1. THE DESIGN, INSPECTION, AND CERTIFICATION OF ANY RETAINING WALL SHOWN OR REFERENCED HEREIN, INCLUDING BUT NOT LIMITED TO SEGMENTAL RETAINING WALLS, MASS GRAVITY WALLS, GABION WALLS, ETC., GREATER THAN FORTY-EIGHT INCHES IN HEIGHT, SHALL BE BY OTHERS. ANY RETAINING WALL DATA SHOWN OR REFERENCED HEREIN SHALL BE ONLY FOR COORDINATION OF THE WALL LOCATION AND
- 2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE DRAWINGS IS BASED ON A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS. CRAFTON TULL ASSUMES NO RESPONSIBILITY REGARDING THE ACCURACY OF THE DEPICTED LOCATION(S) OF THE UNDERGROUND FACILITIES ON THESE DRAWINGS, CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ANY OTHER FACILITIES NOT SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL VERIFY LOCATION OF ALL FACILITIES BEFORE
- 3. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN
- OR NEAR THE CONSTRUCTION SITE. 4. THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF CRAFTON, TULL & ASSOCIATES, INC. AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN
- AUTHORIZATION OF CRAFTON, TULL & ASSOCIATES, INC. CONTRACTOR SHALL NOT CAUSE ANY LONG-TERM INCONVENIENCE TO THE PUBLIC, ADJACENT PROPERTY OWNERS, PEDESTRIANS, ETC. DURING CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL PROVIDE ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- 6. CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION IF A DISCREPANCY OR INCONSISTENCY IS IDENTIFIED IN THE PLANS OR
- 7. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT WHICH ARE NECESSARY TO CONFORM TO OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
- 8. ENGINEER OF RECORD SHALL OBSERVE THE INSTALLATION OF THE WATER & SEWER MAINS. BEYOND THAT SCOPE, CRAFTON TULL & ASSOCIATES, INC. (CTA) HAS NOT BEEN RETAINED BY THE OWNER FOR CONSTRUCTION ADMINISTRATION OR OBSERVATION SERVICES FOR THE WORK INDICATED ON THESE DRAWINGS. THEREFORE, CTA HEREBY NOTIFIES ALL PARTIES INVOLVED THAT CRAFTON, TULL & ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR THE INTERPRETATION, COORDINATION, OR ADMINISTRATION OF THESE DOCUMENTS AND/OR DEVIATIONS THEREOF. FURTHERMORE, CRAFTON, TULL & ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR ANY EFFECTS THAT ANY CHANGES TO THESE DOCUMENTS MAY HAVE ON ANY RELATED TRADES, CONSTRUCTION SEQUENCES, OR OPERATION OF THE COMPLETED PROJECT EXCEPT AS SPECIFICALLY NOTED IN THE AGREEMENT BETWEEN CRAFTON, TULL & ASSOCIATES AND THE OWNER.
- 9. <u>ENERGIZED ELECTRICAL LINE SAFETY, WARNINGS, AND ADVANCED NOTICES</u>; ALL OWNERS, GENERAL CONTRACTORS, AND SUBCONTRACTORS ASSOCIATED WITH THIS PROJECT SHALL BE RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH, COMPLYING WITH, AND THE ENFORCEMENT OF ARKANSAS CODES AR ST § 11-5-307 AND § AR ST 11-5-308 AND ANY OTHER CURRENT STATE CODES PERTAINING TO ADVANCE NOTICE REQUIREMENTS AND FOR SAFETY OF ALL PERSONNEL, INCLUDING THE GENERAL PUBLIC, PERTAINING TO ANY WORK, MOVEMENT, AND ACTIVITY IN CLOSE PROXIMITY TO ANY ENERGIZED ELECTRICAL LINE.

BRYANT, ARKANSAS



🗱 LEGEND (CONSTRUCT

	SYMBOLS	<u>LINEWORK</u>	
•	SET IRON PIN	EASEMENT	
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\(\)	POWER POLE	CURB	
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•	MANHOLE	12	05———
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A	GAS METER	SANITARY SEWER LINE	
\bowtie	GAS VALVE	G	
	STORM SEWER PIPE	GAS LINE	
(X-X)	STRUCTURE NUMBER	w	
\mathbf{H}	WATER VALVE	WATER LINE	
→▶	FIRE HYDRANT ASSEMBLY	UNDERGROUND TELEPHONE	
181	AIR RELEASE VALVE	UGE	—
•	FIRE DEPARTMENT CONNECTION	UNDERGROUND ELECTRIC	d
•	WATER METER	OHE OVERHEAD ELECTRIC	1
	BACK FLOW PREVENTER	——— FO —	
^	REDUCER	FIBER OPTIC	
	RECTANGULAR DROP INLET, GRATED INLET OR JUNCTION	UGTV	
	BOX (SPECIFY ON PLAN	UNDERGROUND TELEVISION	
	SHEET)	OVERHEAD TELEVISION	OHTV
	CIRCULAR DROP INLET,		
	GRATED INLET OR JUNCTION BOX (SPECIFY ON PLAN	CHAIN LINK FENCE	
	SHEET)		
		WOOD FENCE	V
		BARBED WIRE FENCE	*
		BUILDING SET BACK	
		RIGHT OF WAY	
		PROPERTY LINE	
		ROAD CENTERLINE	

INTERMEDIATE CONTOUR		1200	
		-1205 	
INDEX CONTOUR	00		
SANITARY SEWER LINE	- 22 -		
	– G –		
GAS LINE	147		
WATER LINE	- w —		
LINDEDODOLIND TELEDIJONE	-UGT-		
UNDERGROUND TELEPHONE UGE			_1
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OVERHEAD ELECTRIC			- 1/-
	- FO -		
FIBER OPTIC			
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——————————————————————————————————————			— онту —
OVERHEAD TELEVISION			
CHAIN LINK FENCE			
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WOOD FENCE			
BARBED WIRE FENCE	^		^
BUILDING SET BACK			
RIGHT OF WAY			
PROPERTY LINE			

FLOOD PLAIN STATEMENT	
NO PORTION OF THE PROPERTY SHOW	WN HEREON IS LOCATED
WITHIN THE 100-YEAR FLOOD PLAIN	AS DESIGNATED BY THE
FLOOD INSURANCE RATE MAP, PANEL	NO. 05125C0380E,
PUBLISHED BY THE FEDERAL EMERGE	NCY MANAGEMENT
AGENCY DATED JUNE 5, 2020.	

PROPERTY DESCRIPTION:

LANDS LYING IN PART OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 21, TOWNSHIP 1 SOUTH, RANGE 14 WEST, SALINE COUNTY, ARKANSAS. MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF LOT 1, SULLIVAN PLACE SUBDIVISION, BRYANT, SALINE COUNTY, ARKANSAS, FILED FOR RECORD AS INSTRUMENT NUMBER 1999-54493, RECORDS OF SALINE COUNTY, ARKANSAS, THENCE SOUTH 88 DEGREES 19 MINUTES 06 SECONDS EAST 63.73 FEET, THENCE SOUTH 00 DEGREES 39 MINUTES 52 SECONDS EAST 109.60 FEET, WHICH IS THE POINT OF BEGINNING, THENCE CONTINUE SOUTH 00 DEGREES 39 MINUTES 52 SECONDS EAST 200.97 FEET, THENCE NORTH 87 DEGREES 07 MINUTES 25 SECONDS WEST 5.01 FEET, THENCE SOUTH 00 DEGREES 39 MINUTES 52 SECONDS EAST 43.66 FEET, THENCE SOUTH 19 DEGREES 22 MINUTES 47 SECONDS WEST, 61.38 FEET, THENCE NORTH 70 DEGREES 37 MINUTES 13 SECONDS WEST, 22.95 FEET, THENCE NORTH 04 DEGREES 42 MINUTES 54 SECONDS EAST 53.18 FEET, THENCE NORTH 85 DEGREES 17 MINUTES 06 SECONDS WEST, 250.10 FEET, THENCE NORTH 04 DEGREES 42 MINUTES 54 SECONDS EAST 229.80 FEET, THENCE SOUTH 88 DEGREES 19 MINUTES 06 SECONDS EAST 270.29 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH A NON-EXCLUSIVE EASEMENT FOR INGRESS AND EGRESS MORE PARTICULARLY DESCRIBED IN ACCESS EASEMENT FILED FOR RECORD JULY 10, 2013, AS INSTRUMENT NUMBER 2013065418, RECORDS OF SALINE COUNTY, ARKANSAS.

Arkansas One Call **Call** before you dig.

SHEET NUMBER	SHEET TITLE
C-001	COVER SHEET
C-002	PROJECT CONTROL
C-003	DEMO PLAN
C-101	SITE PLAN
C-102	UTILITY PLAN
C-103	GRADING PLAN
C-104	PAVING PLAN
C-105	EROSION CONTROL PH. I
C-106	EROSION CONTROL PH. II
C-107	EROSION CONTROL NOTES
C-501	EROSION CONTROL DETAILS
C-502	ADA DETAILS
C-503	SITE DETAILS
L-101	PLANTING PLAN
L-501	PLANTING DETAILS
LI-501	IRRIGATION DETAILS SHT. 1
LI-502	IRRIGATION DETAILS SHT. 2

ocument, and the ideas and designs in , as an instrument of professional servinty of Crafton, Tull & Associates, Inc., on mathematical part, for any other project an authorization of Crafton, Tull & Associates	ce, is the and is not to be ct, without the ciates, Inc.	
T NO: 24304000 CONST.	TION Pro.	

10825 Financial Centre Parkway, Suite 300

501.664.3245 † 501.664.6704 f

CRAFTON, TULL & ASSOCIATES, INC.

herein, as an instrument of professional service, is the property of Crafton, Tull & Associates, Inc., and is not to used, in whole or in part, for any other project, without					
written authorization of Cra	, , ,				
	SMS				
PROJECT NO: 24304000					
ISSUE DATE: 01/6/25	Tuos THIS				

PANERA BREAD

BRYANT, AR

DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT PRELIMINARY A FINAL, SIGNED AND SEALED PLANS DOCUMENT

COVER SHEET

C-001

UTILITY CONTACTS

WATER/WASTEWATER BRYANT WATER DEPARTMENT 210 SW 3RD ST. BRYANT, AR 72022 (501) 943-0441

SUMMIT UTILITIES 2205 EAST ROOSEVELT ROAD LITTLE ROCK, AR 72201

<u>ELECTRIC</u> ENTERGY 425 W. CAPITAL AVE. LITTLE ROCK, AR 72201 (877) 387-2499

(800) 288-2020

COMCAST CABLE (800) 934-6489



CRAFTON TULL CANNOT CERTIFY THE SITE AS COMPLETE IN ORDER TO OBTAIN THE CERTIFICATE OF OCCUPANCY UNTIL ALL DISTURBED AREAS RELATED TO THE CONSTRUCTION OF THE PROJECT, BOTH ONSITE AND OFFSITE, HAVE BEEN STABILIZED PER THE PLANS AND SPECIFICATIONS AND ALL REQUIREMENTS SPELLED OUT IN PERMITS ISSUED BY THE STATE AND LOCAL AUTHORITIES HAVE BEEN MET.

PROJECT INFORMATION

BASIS OF BEARING: GRID NORTH, ARKANSAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (0302),

DETERMINED BY GPS OBSERVATIONS. APPROXIMATE

DISTANCES ARE STATE PLANE GRID DISTANCES. COMBINED

CONVERGENCE ANGLE IS , -00° 16'47.15220".

ADJUSTMENT FACTOR = 0.999970446.

C-3MAXIMUM LOT COVERAGE: 35% ALLOWED 6% PROVIDED MAX ALLOWABLE HEIGHT: 5 STORY/60 FEET FRONT: 50' BUILDING SETBACKS: SIDE: 25' REAR: 25' 1.57 ACRES ± SITE AREA: 2,480 SF BUILDING SIZE:

BUILDING USAGE:

RESTAURANT WITH DRIVE THRU FINISHED FLOOR ELEVATION: SEE GRADING PLAN

PROPERTY USAGE: GENERAL COMMERCIAL PROPERTY OWNER: ANCHOR REALTY INVESTMENTS, LLC 102 COUNTY CLUB PKWY.

> MAUMELLE, AR 72113 501-256-9187 TERRA EQUITIES, LLC

DEVELOPER: 2530 WATKINS RD BIRMINGHAM, AL 35223 206-862-4398

SITE ENGINEER/SURVEYOR: CRAFTON, TULL & ASSOCIATES 10825 FINANCIAL CENTER PARKWAY, SUITE 300 LITTLE ROCK, AR 72211 PHONE: 501.664.3245

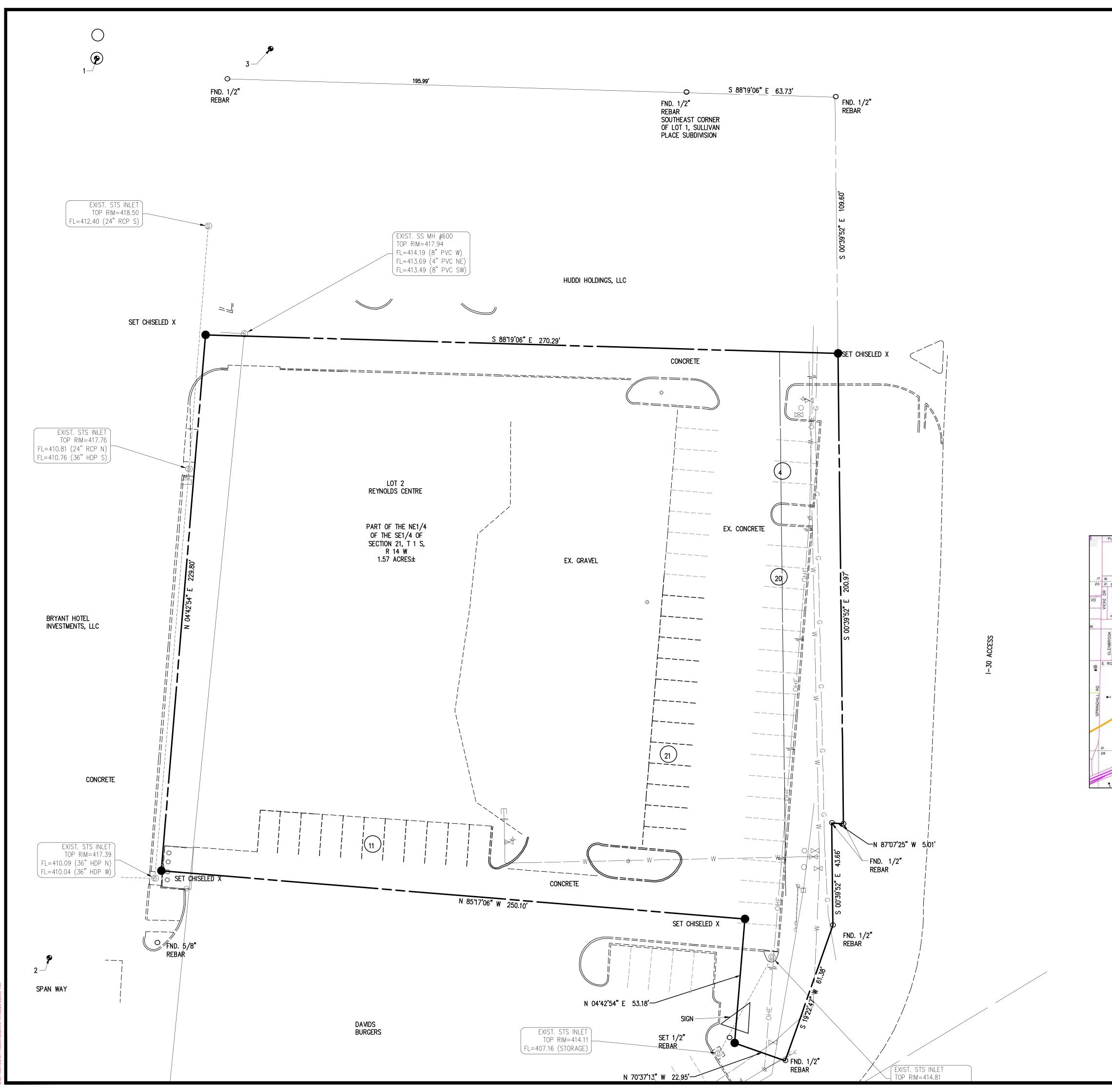
RETAIL COMMERCIAL 1 SPACE / 300 SF REQUIRED PARKING: 2,480 SF / 300 SF = 8.3 SPACES

FAX: 501.664.6704

PROVIDED PARKING: 67 SPACES

PHONE: (800) 992-7552

TELEPHONE AT&T





SYMBOLS

<u>LINEWORK</u>

CONTROL POINT

RIGHT-OF-WAY

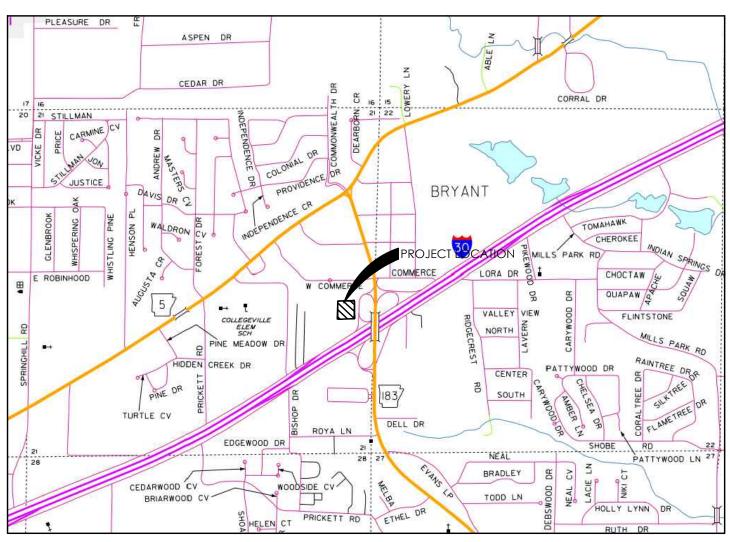
CENTERLINE

PROPERTY LINE



ONLY THE CONTROL POINTS, COORDINATE VALUES, AND ELEVATIONS SHOWN ON THIS SHEET SHALL BE USED ON THIS PROJECT. CRAFTON, TULL & ASSOCIATES SHALL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES OF USING CONTROL POINTS, COORDINATE VALUES OR ELEVATIONS ESTABLISHED OR DERIVED FROM OTHER SOURCES. CRAFTON, TULL & ASSOCIATES, AT ITS SOLE DISCRETION, MAY ALLOW THE USE OF ALTERNATIVE OR ADDITIONAL CONTROL, BY A WRITTEN AMENDMENT TO THIS SHEET SEALED BY THE RESPONSIBLE SURVEYOR. USERS OF THESE CONTROL POINTS SHALL EXERCISE DUE CARE AND GOOD SURVEYING PRACTICE AND IMMEDIATELY NOTIFY THE CRAFTON, TULL & ASSOCIATES PROJECT ENGINEER OF ANY INCONSISTENCIES IN THE OBSERVED COORDINATE VALUES, ELEVATIONS AND DESCRIPTIONS FOR CONTROL POINTS SHOWN ON THIS SHEET.

CONTROL POINT TABLE								
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION				
1	2023482.37	1161796.55	422.47	CTL ALUMCAP				
2	2023097.95	1161776.29	414.58	CTL PKNAIL				
3	2023486.40	1161870.80	423.60	CTL PKNAIL				





BASIS OF BEARING: GRID NORTH, ARKANSAS STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (0302), DETERMINED BY GPS OBSERVATIONS. APPROXIMATE CONVERGENCE ANGLE IS , -00° 16'47.15220".
DISTANCES ARE STATE PLANE GRID DISTANCES. COMBINED ADJUSTMENT FACTOR = 0.999970446.

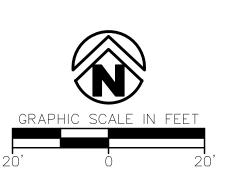
> Arkansas One Call Know what's **below**.

Call before you dig. C-002

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CERTIFICATE OF AUTHORIZATION:





PANERA BREAD BRYANT, AR

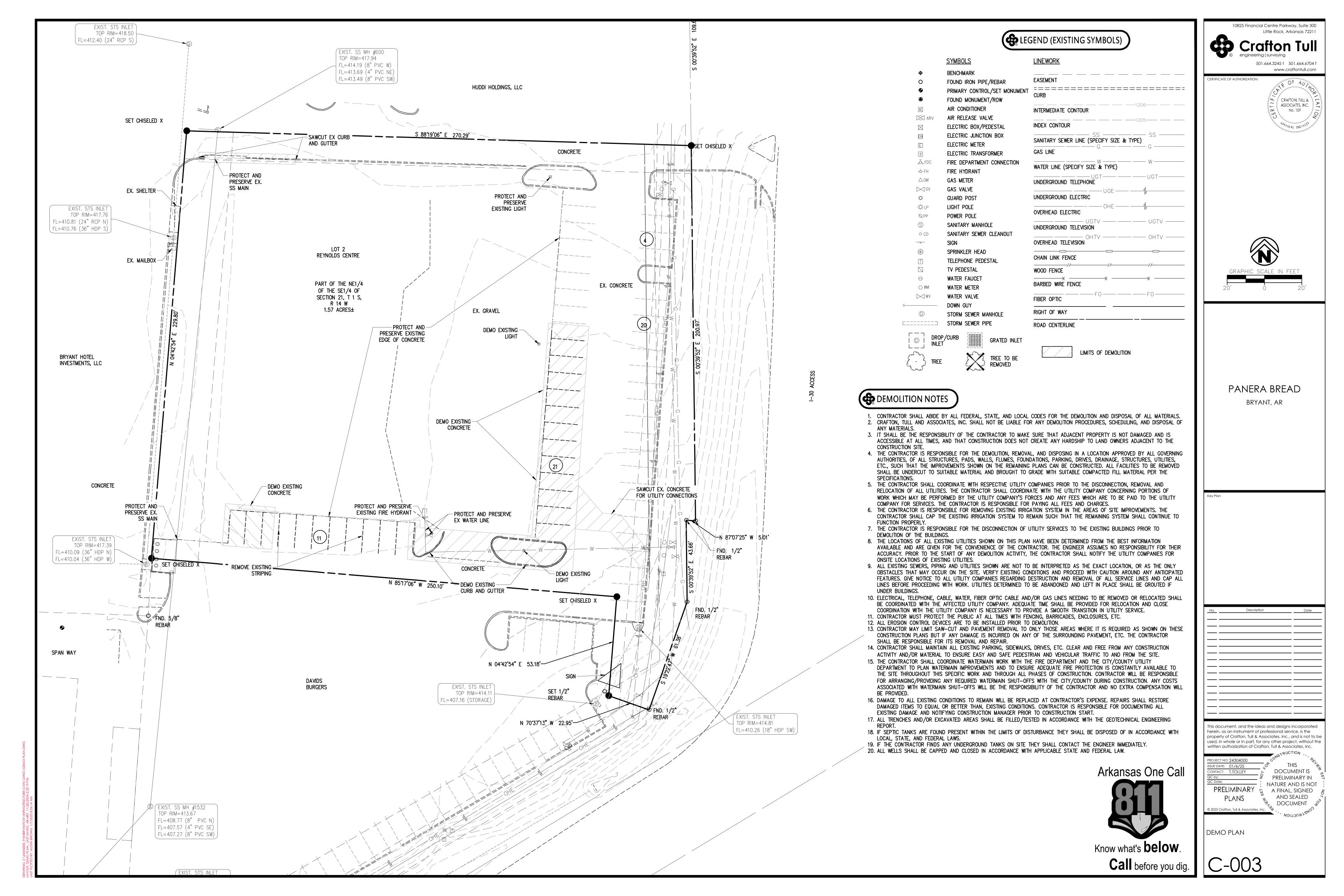
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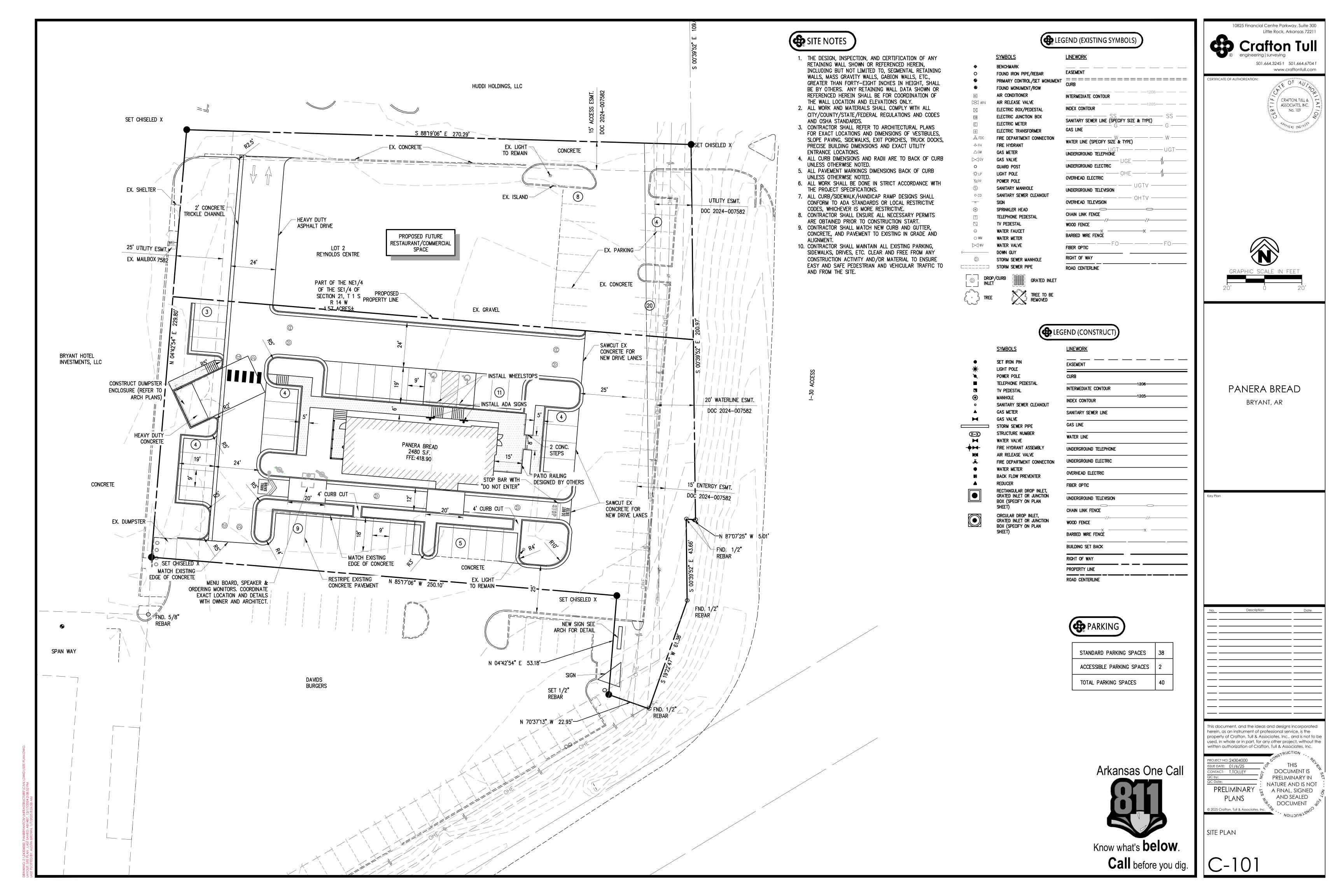
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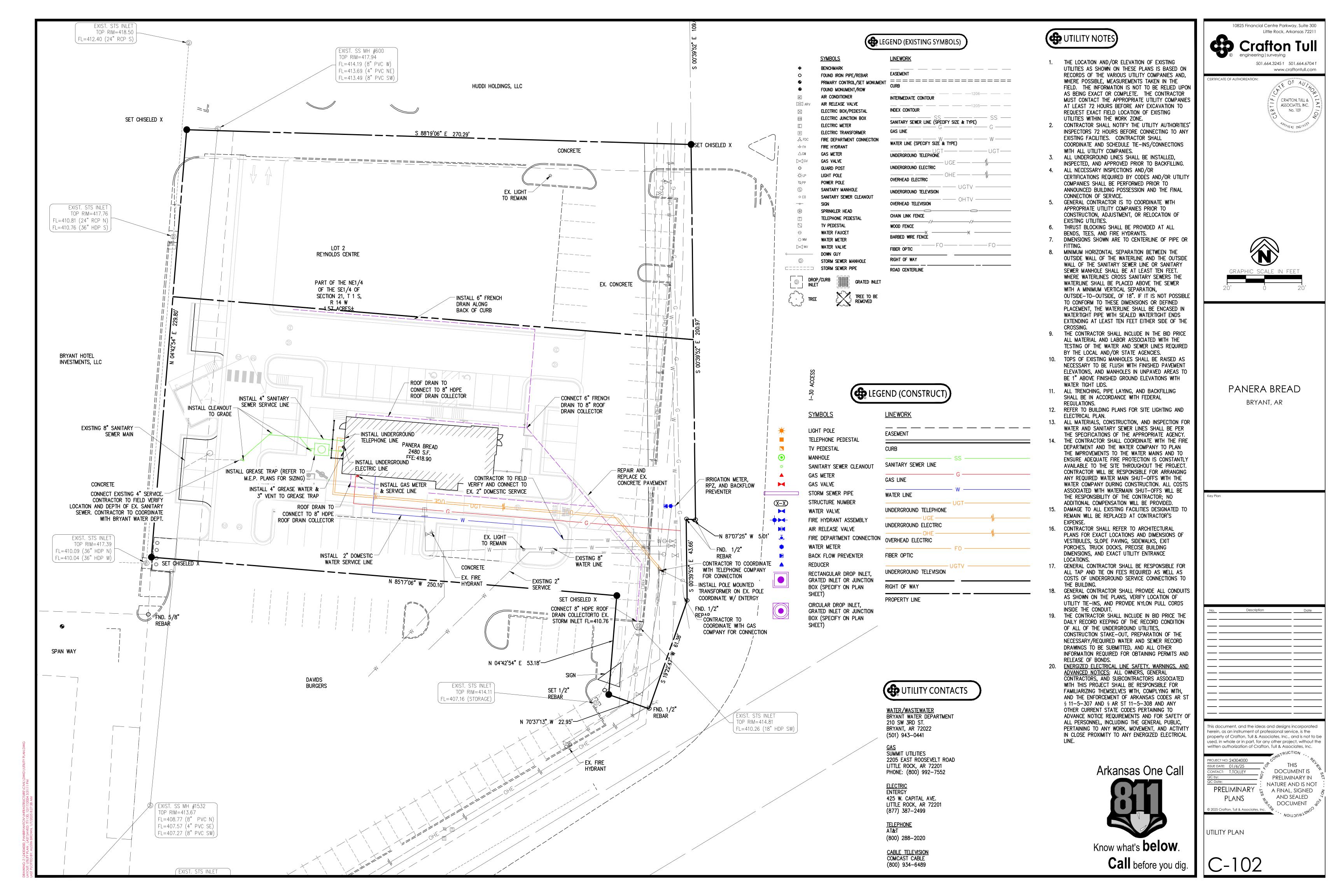
PRELIMINARY PLANS

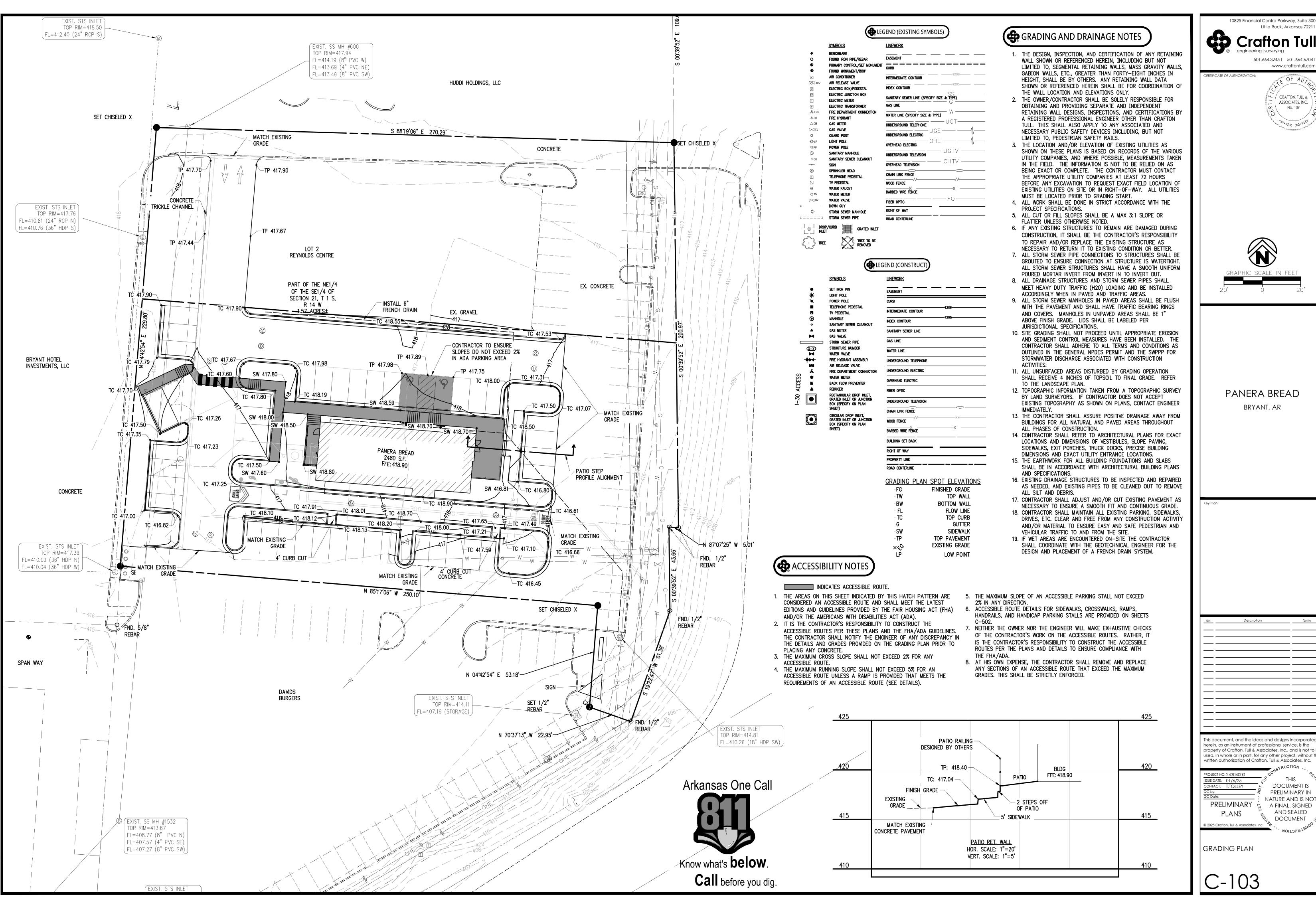
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PROJECT CONTROL



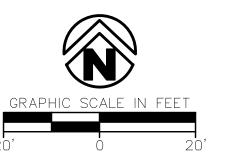






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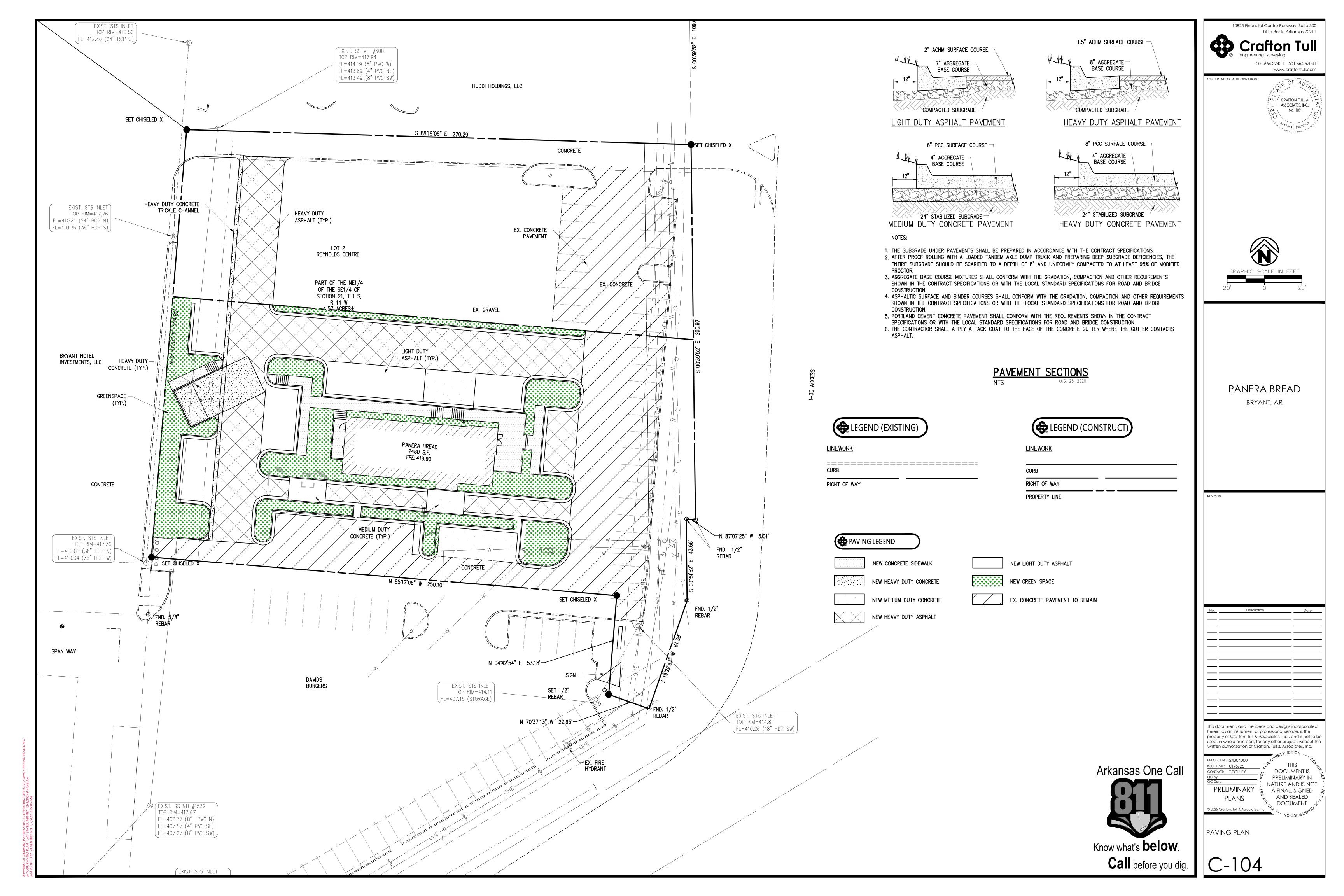
> CRAFTON, TULL & ASSOCIATES, INC. No. 109

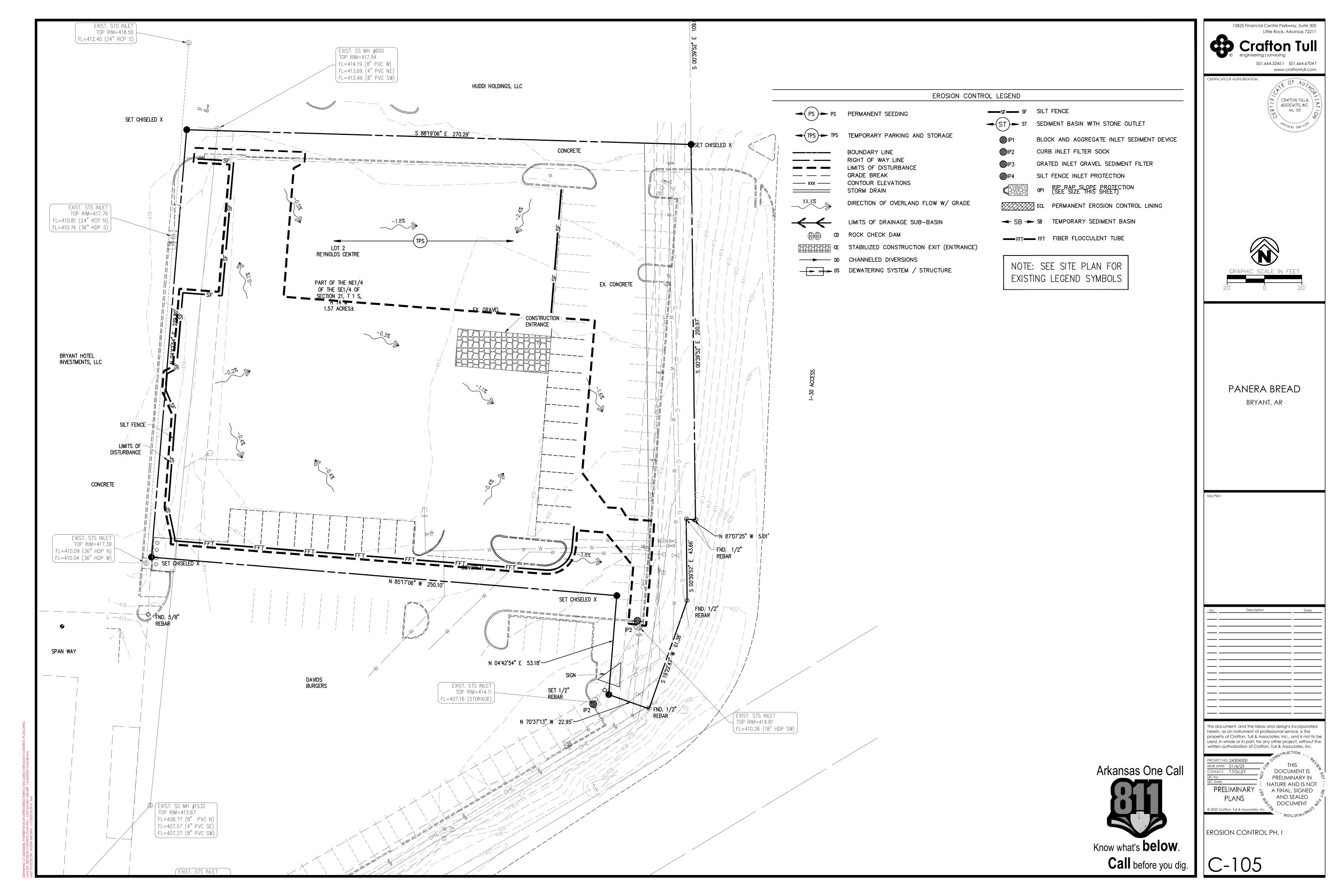


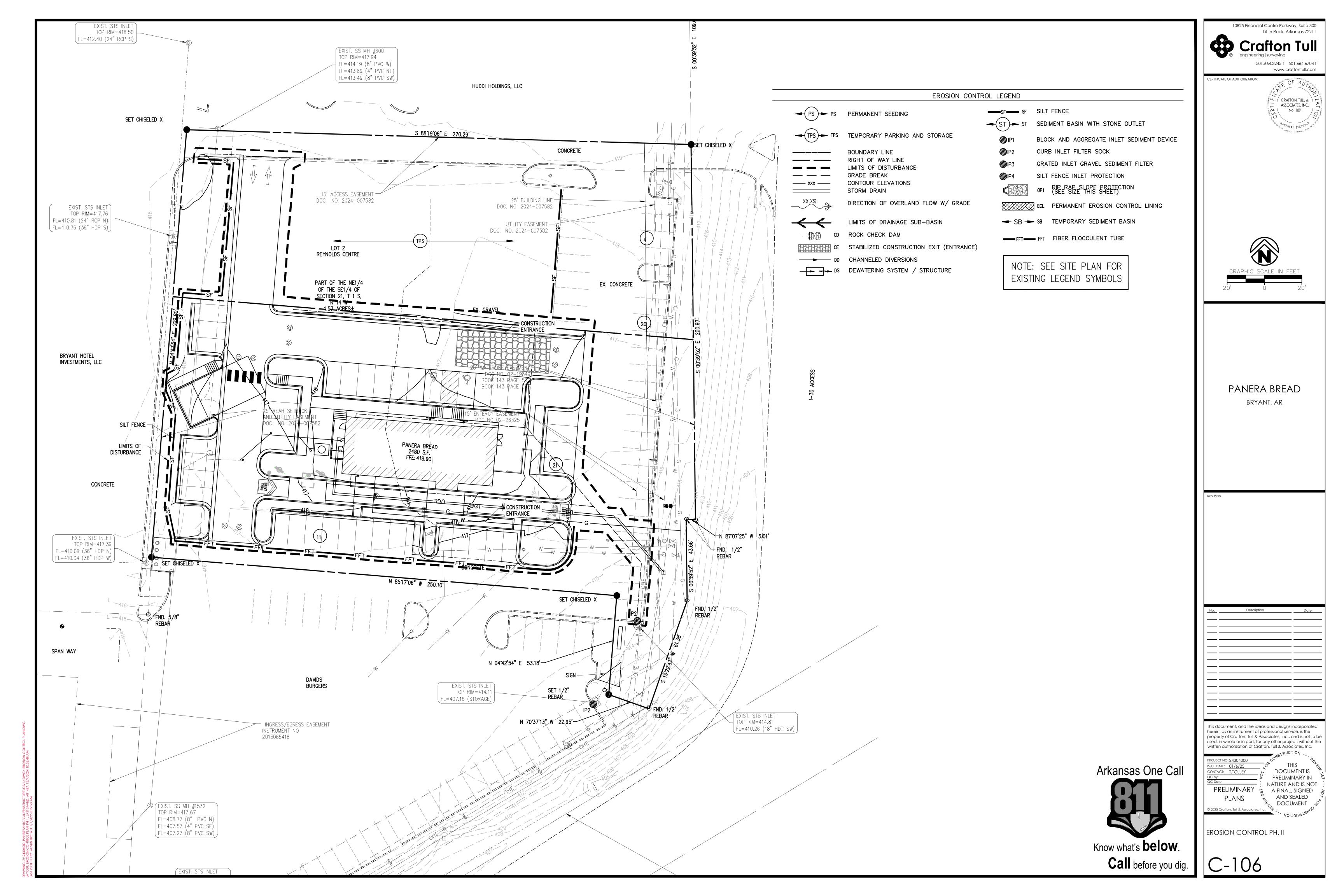
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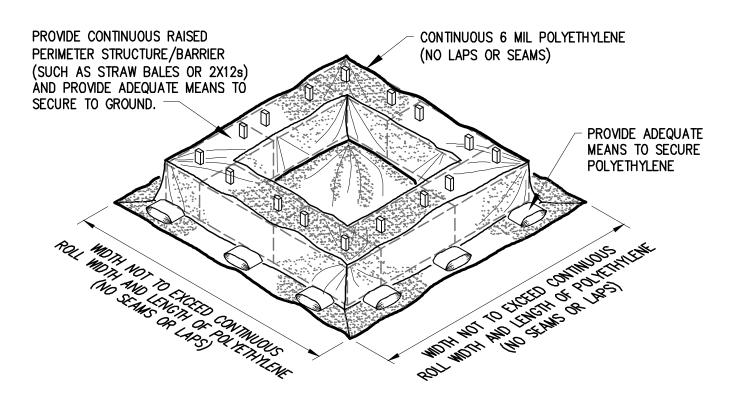
- INSTALL STABILIZED CONSTRUCTION ENTRANCES/EXITS.
- PREPARE TEMPORARY PARKING AND STORAGE AREAS. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING: TRAILER, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASH-OUT, MASON'S AREA, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., DENOTE THEM ON THE SITE MAPS IMMEDIATELY AND NOTE ANY CHANGES IN THE LOCATIONS AS THEY OCCUR
- THROUGHOUT THE CONSTRUCTION PROCESS. CONSTRUCT THE SILT FENCES ON THE SITE.
- CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
- CLEAR AND GRUB THE SITE.
- START CONSTRUCTION OF THE BUILDING PAD AND STRUCTURES.
- 7. BEGIN GRADING THE SITE.

PHASE II

- TEMPORARILY SEED DENUDED AREAS.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- INSTALL RIP-RAP AROUND OUT STRUCTURES.
- INSTALL INLET PROTECTION AROUND ALL STORM SEWER STRUCTURES. PREPARE SITE FOR PAVING.
- PAVE SITE.
- INSTALL INLET PROTECTION DEVICES.
- COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IF SITE IS STABILIZED.

GENERAL EROSION NOTES:

- A. THE STORMWATER POLLUTION PREVENTION PLAN IS COMPRISED OF THIS DRAWING (SITE MAP), THE STANDARD DETAILS, THE PLAN NARRATIVE, ATTACHMENTS INCLUDED IN THE SPECIFICATIONS SECTION 312800 (EROSION AND SEDIMENTATION CONTROL), PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND THE STATE OF ARKANSAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST OF OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- D. BEST MANAGEMENT PRACTICES (BMP) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AND APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON THE SITE AT ALL TIMES.
- CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- G. GENERAL CONTRACTOR SHALL DENOTE THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, AND AREA FOR PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES.
- H. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE AND EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- J. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM-BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- K. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM BEING BLOWN OR WASHED OFF-SITE.
- . ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN AND SWPPP SHALL BE INITIATED AS SOON AS POSSIBLE.
- M. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS SHALL BE TEMPORARY SEEDED.
- N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- O. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES EXIT ONTO THE PUBLIC ROADS. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.
- P. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- Q. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- R. ON-SITE AND OFF-SITE STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH THE GENERAL PERMIT.
- S. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- T. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO PREVENT EROSION.
- U. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.



CONCRETE WASH-OUT BASIN

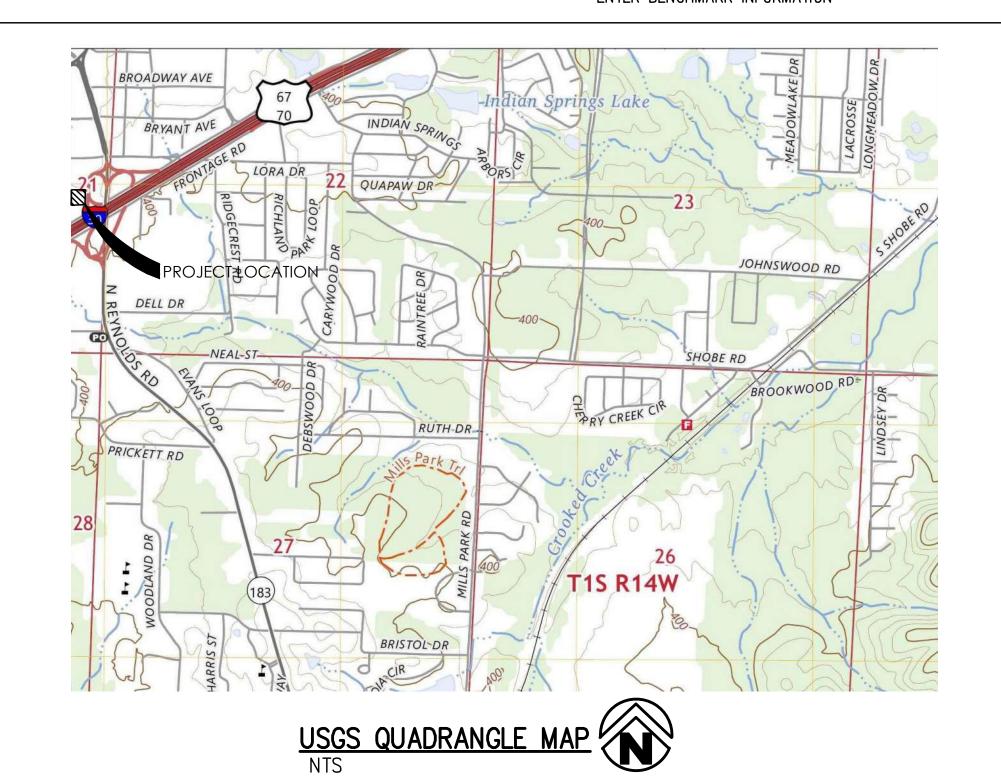
CONSTRUCTION SEQUENCE	.IAN	FFR	MAR	ΔPR	МАЧ	.II IN	.1111	AUG	SFP	OCT	NOV	DEC	.IAN	FFR	MAR	ΔPR	МАУ	JUN
ROUGH GRADE / SEDIMENT CONTROL	UAIN	1 20	INITAL	AI IX	WIAT	0011	UOL	700	JLI	001	1101	DEC	UAIT	I LD	IWIZAN	AI IX	IWIAT	0011
TEMPORARY CONTROL MEASURES																		
STRIP & STOCKPILE TOPSOIL																		
STORM FACILITIES																		
TEMPORARY CONSTRUCTION ROADS																		
FOUNDATION / BUILDING CONSTRUCTION																		
SITE CONSTRUCTION																		
PERMANENT CONTROL STRUCTURES																		
FINISH GRADING																		
LANDSCAPING/SEED/FINAL STABILIZATION																		

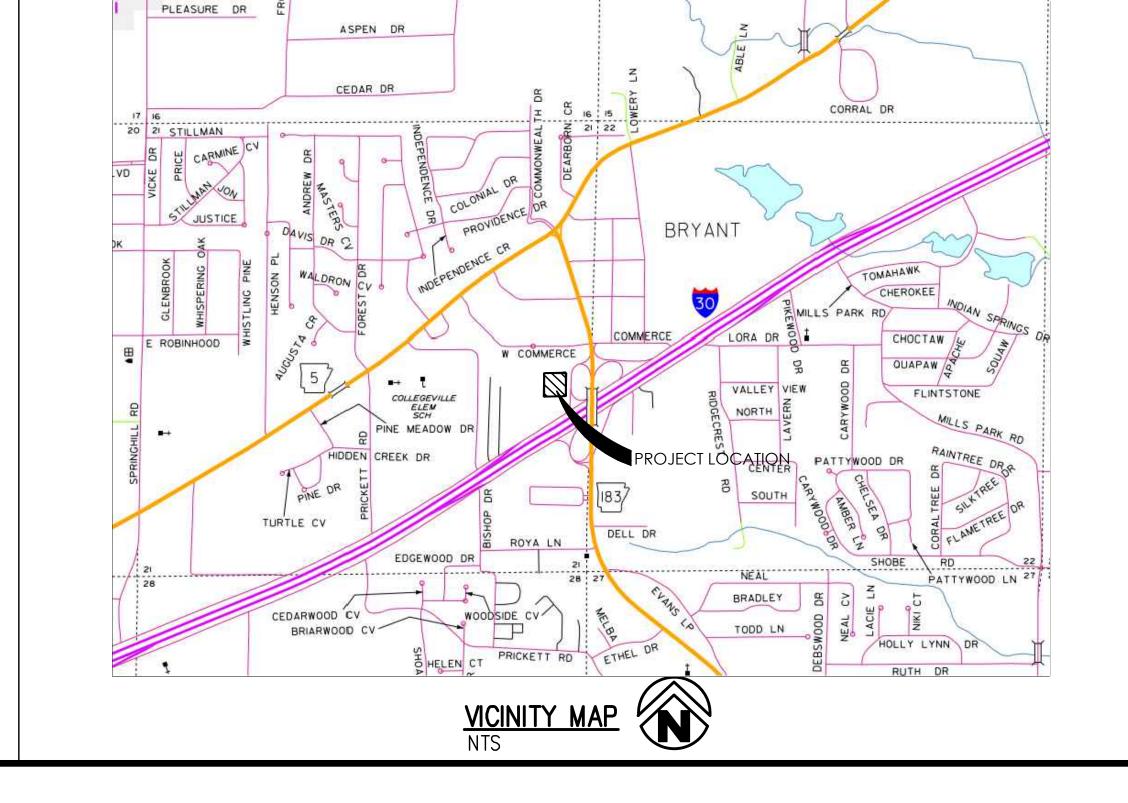
ACREAGE	SUMMARY
IMPERVIOUS AREA	0.6
SEEDED AREA	0.2
TOTAL DISTURBED	0.8

DEVELOPER/OWNER: TERRA EQUITIES, LLC 2530 WATKINS RD. BIRMINGHAM, AL 35223 SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

T.B.M. ENTER BENCHMARK INFORMATION







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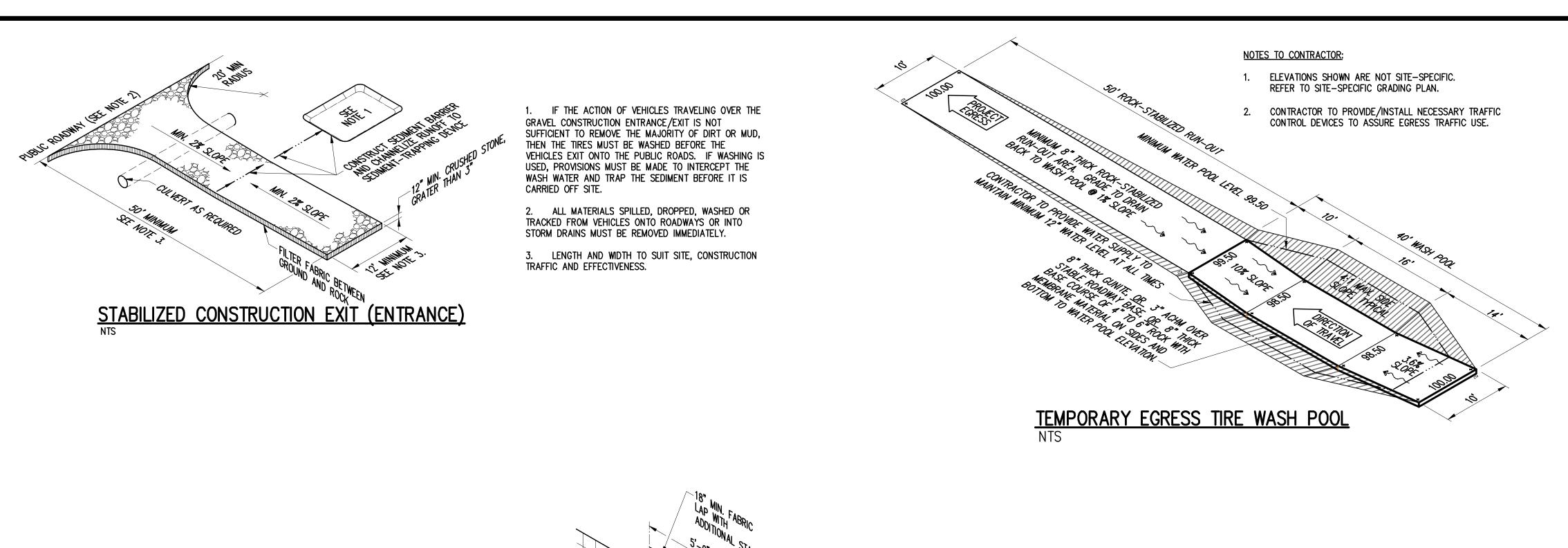
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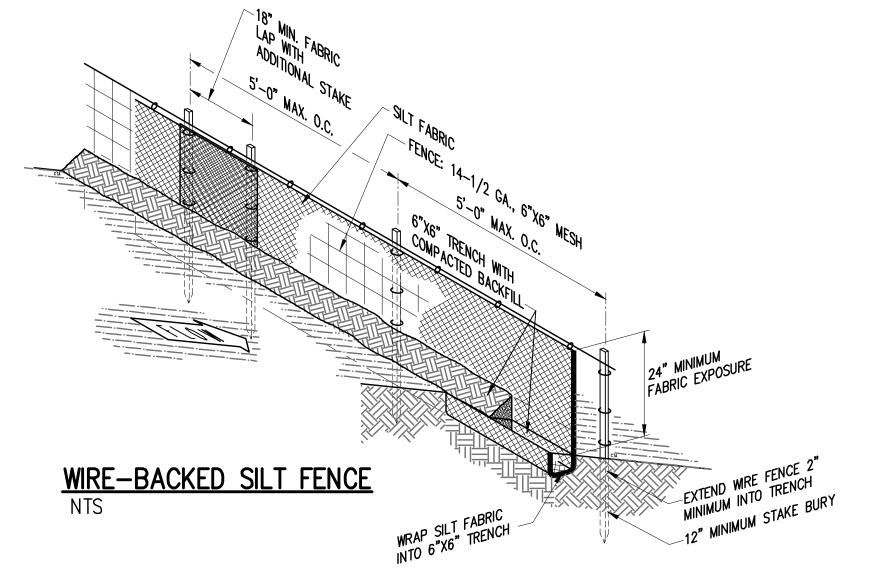
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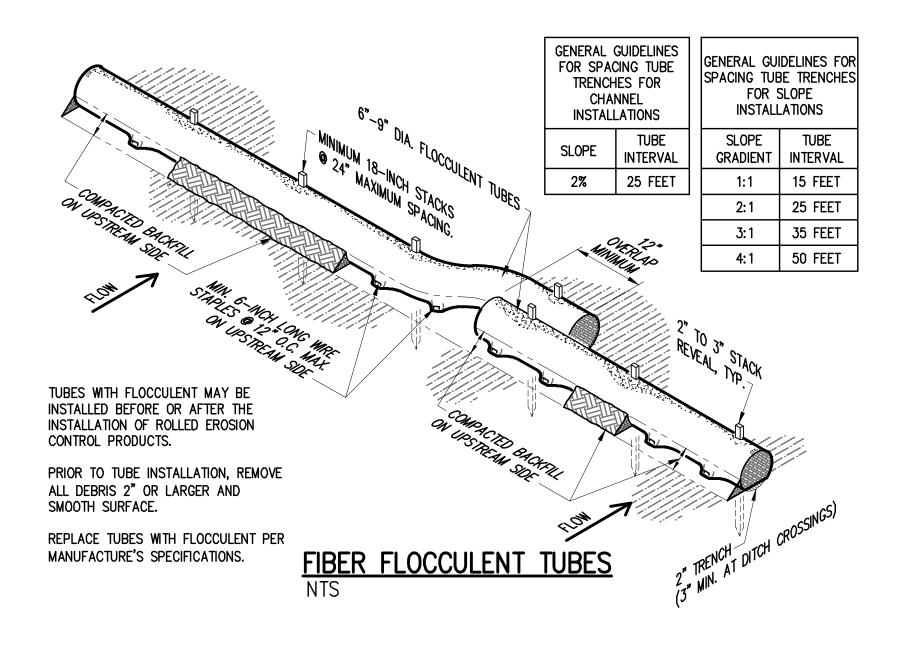
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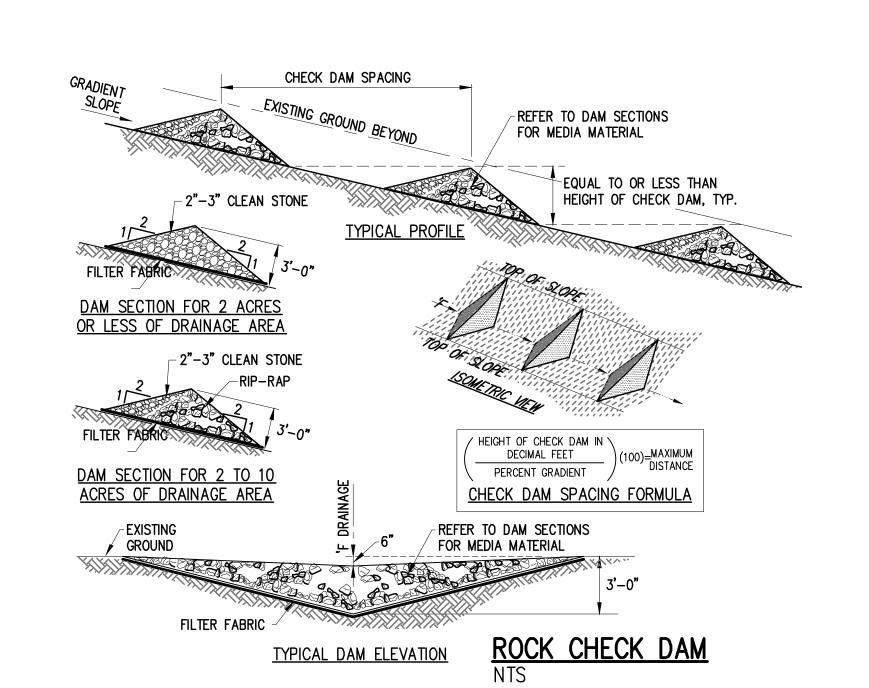
EROSION CONTROL NOTES

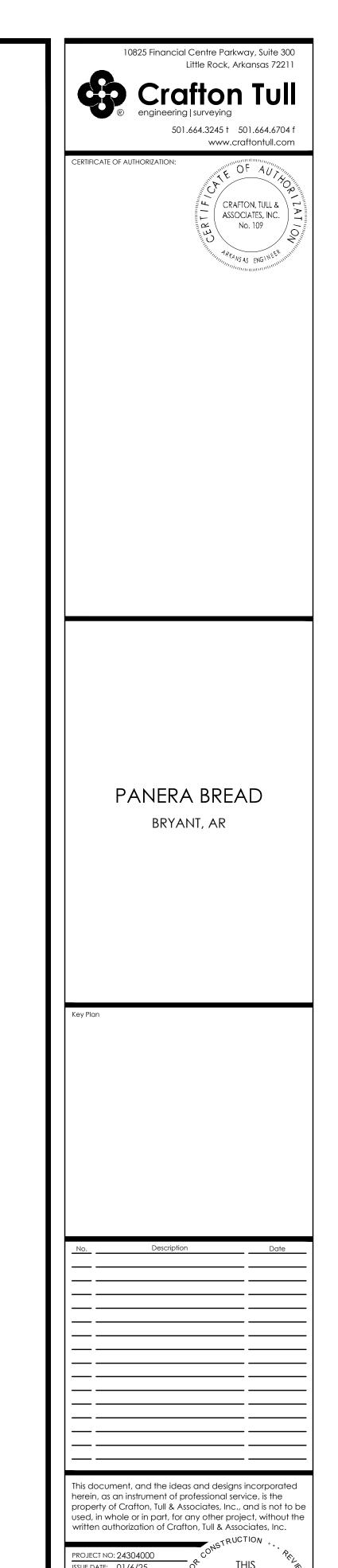
C-107







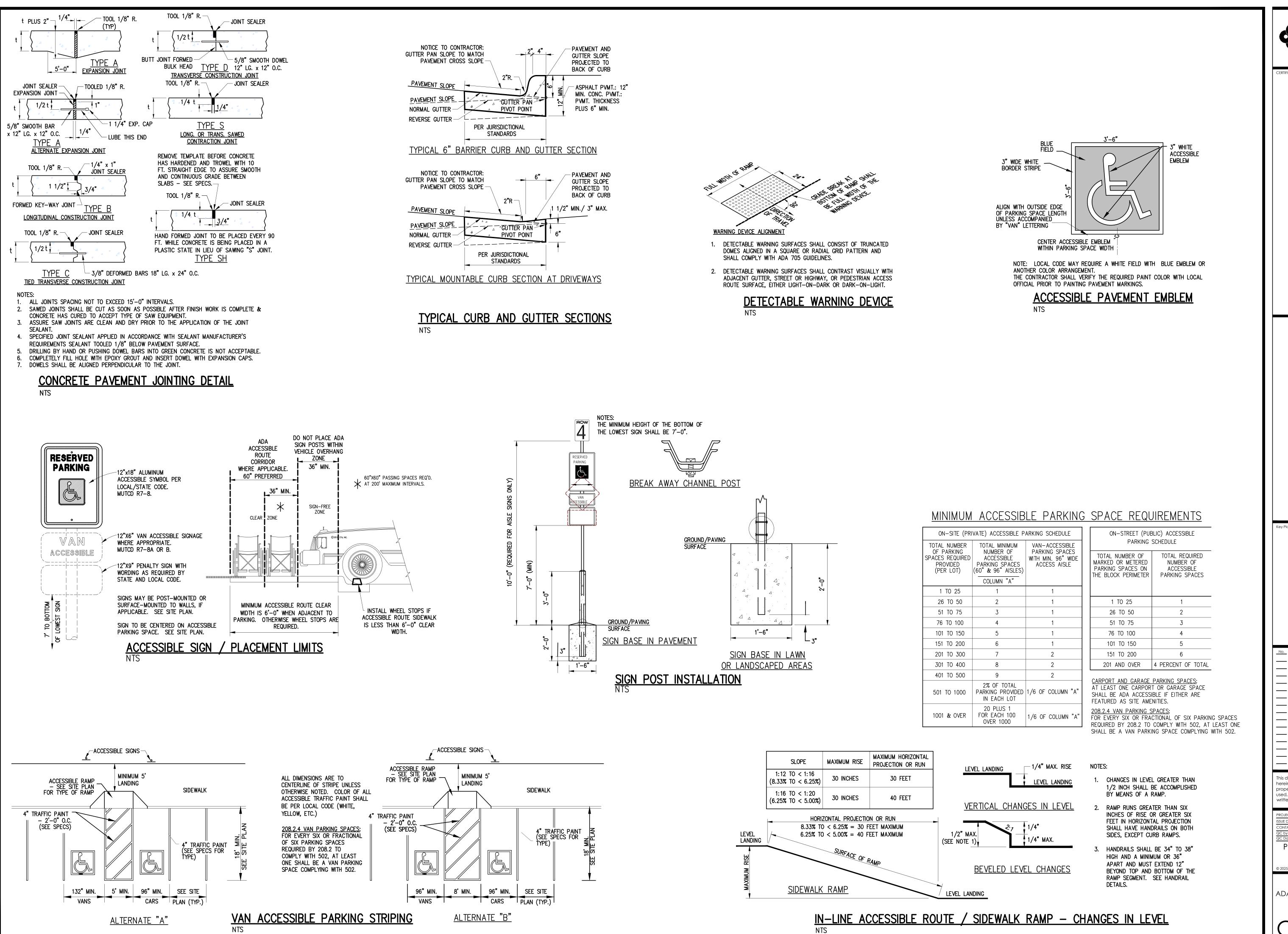




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EROSION CONTROL DETAILS

C-501



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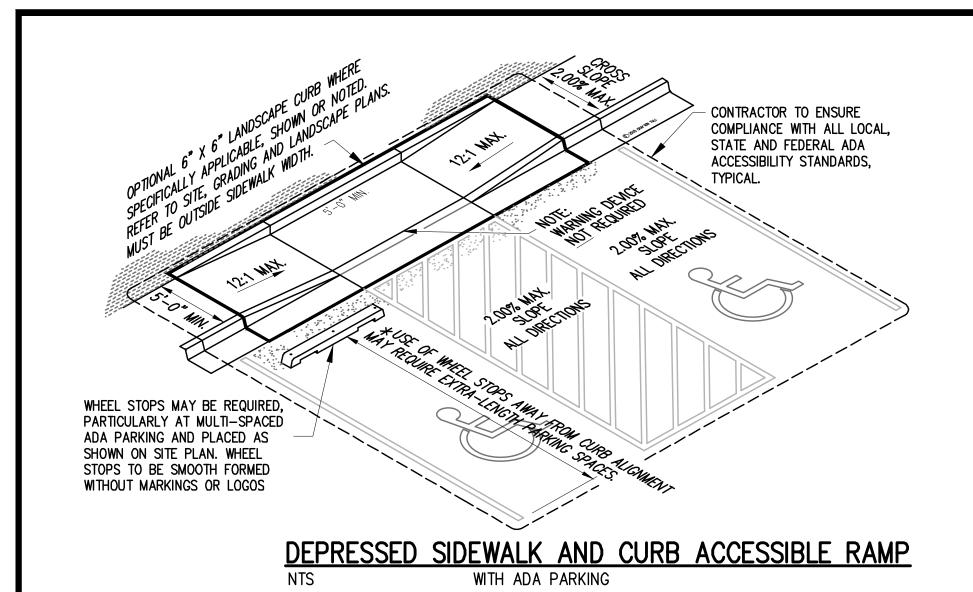
PRELIMINARY PLANS

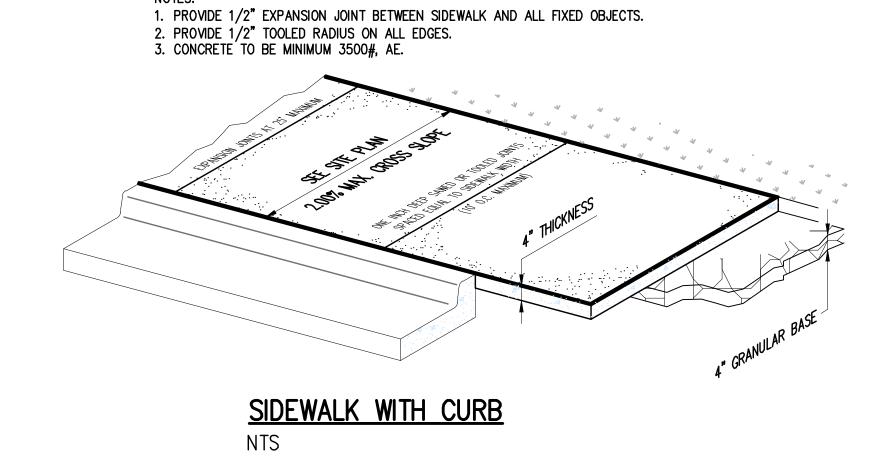
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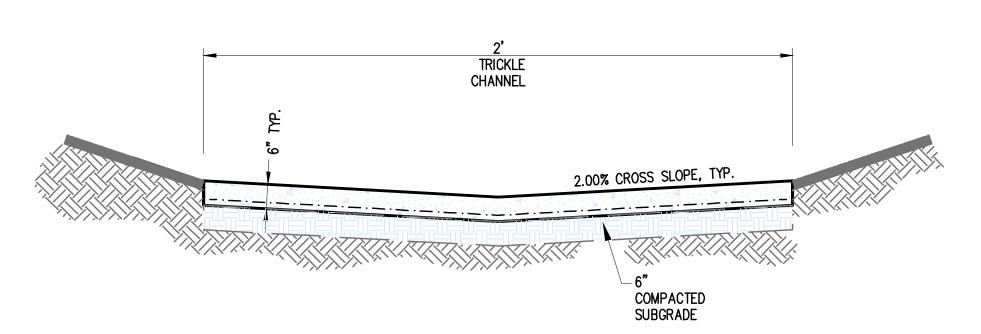
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ADA DETAILS

C-502







- 1. COMPACT SUBGRADE TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY A.S.T.M. D-698
- (STANDARD PROCTOR) AT $\pm 2\%$ OF PROCTOR OPTIMUM MOISTURE VALUE. 2. CONCRETE COMPRESSION STRENGTH; 3,500 P.S.I. AT 28 DAYS.
- 3. REINFORCEMENT: WELDED WIRE FABRIC 6"X6" W2.1XW2.1, PLACED 1-1/2" FROM BOTTOM. 4. JOINTS: SAWED LATERAL AT 12' MAXIMUM. LATERAL EXPANSION JOINTS AT 84' MAXIMUM.

TYPICAL CONCRETE CHANNEL SECTION NTS

	STRIPING DIMENSIONS						
ANGLE (A)	TYPE	WDTH (IN FT.) (B)	CURB LENGTH (IN FT.) (C)	ONE-WAY AISLE WIDTH (IN FT.) (D)	TWO-WAY AISLE WIDTH (IN FT.) (D)	STALL DEPTH (IN FT.) (E)	
0.	STANDARD	8	22.5	12	24	8	
PARALLEL	COMPACT	7.5	19.5	12	24	7.5	
30°	STANDARD	9	18	12	24	17	
	COMPACT	7.5	15	12	24	14	
45°	STANDARD	9	12.5	12	24	19	
	COMPACT	7.5	10.5	12	24	16	
60°	STANDARD	9	10.5	18	24	20	
	COMPACT	7.5	8.5	15	24	16.5	
90°	STANDARD	9	9	24	24	19	
	COMPACT	7.5	7.5	22	24	15	

NOTES:

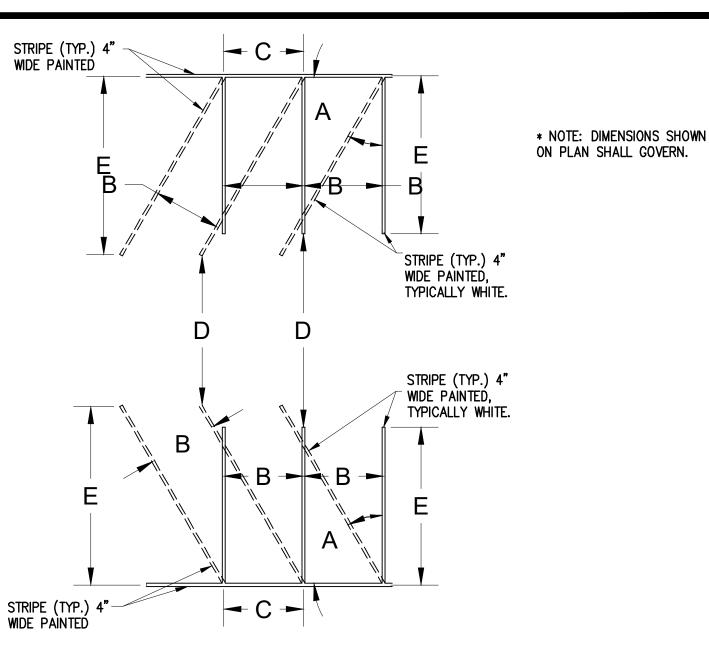
- 1. LETTERS, NUMBERS AND ARROWS FOR DRIVEWAYS, PARKING LOTS AND STREETS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS
- FOR STREETS AND HIGHWAYS.

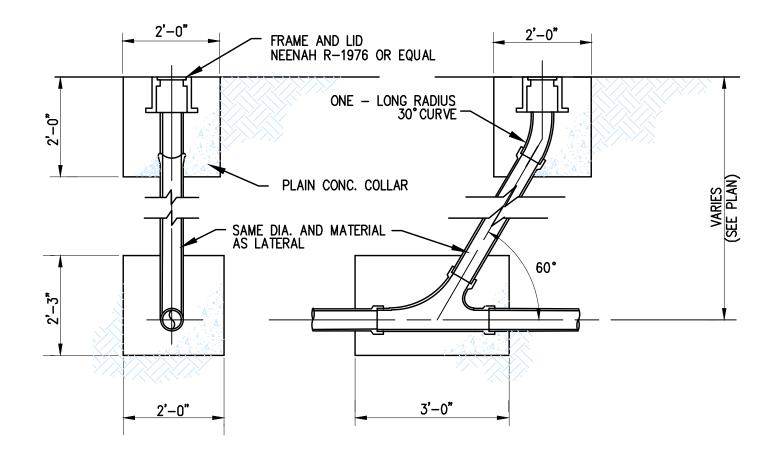
 2. PAVEMENT MARKINGS ARE TO BE PAINTED REFLECTIVE WHITE.

 MARKINGS SHALL BE THERMOPLASTIC IF CALLED FOR IN THE PLANS

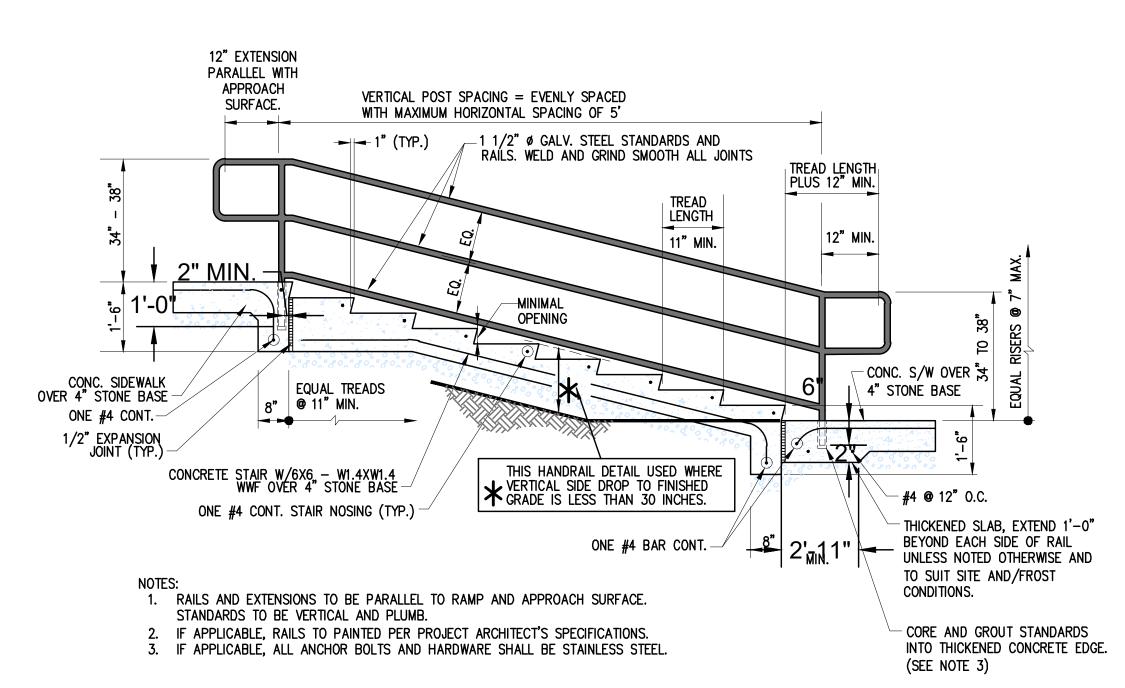
 OR SPECIFICATIONS.

PARKING STRIPES





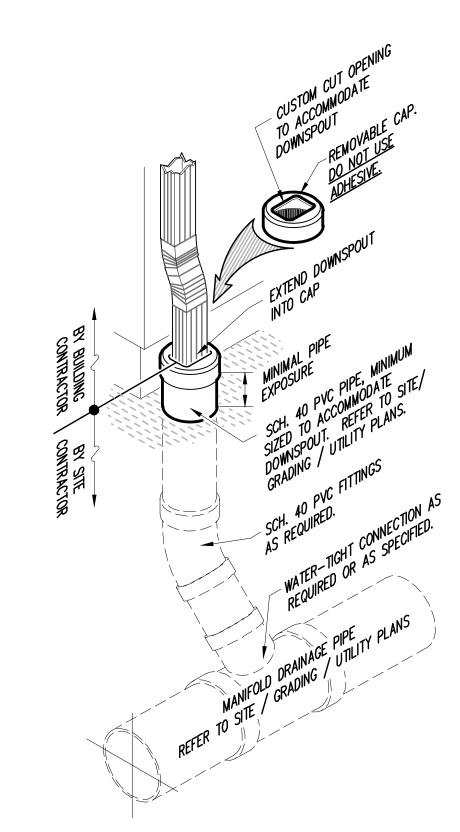
TYPICAL CLEANOUT



CONCRETE STAIR AND RAIL WITH NO GRADE DROP AT EITHER SIDE OF STAIR

REVISED 08/25/14

REVISED 08/25/14* NTS NOTE: REFER TO SITE AND GRADING PLANS FOR STAIR LENGTH, RISE AND LOCATION



EXTERIOR DOWNSPOUT COLLECTOR NTS

10825 Financial Centre Parkway, Suite 300 Little Rock, Arkansas 72211 501.664.3245 † 501.664.6704 f www.craftontull.com CERTIFICATE OF AUTHORIZATION: CRAFTON, TULL & ASSOCIATES, INC. PANERA BREAD BRYANT, AR This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the written authorization of Crafton, Tull & Associates, Inc. DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT PRELIMINARY A FINAL, SIGNED

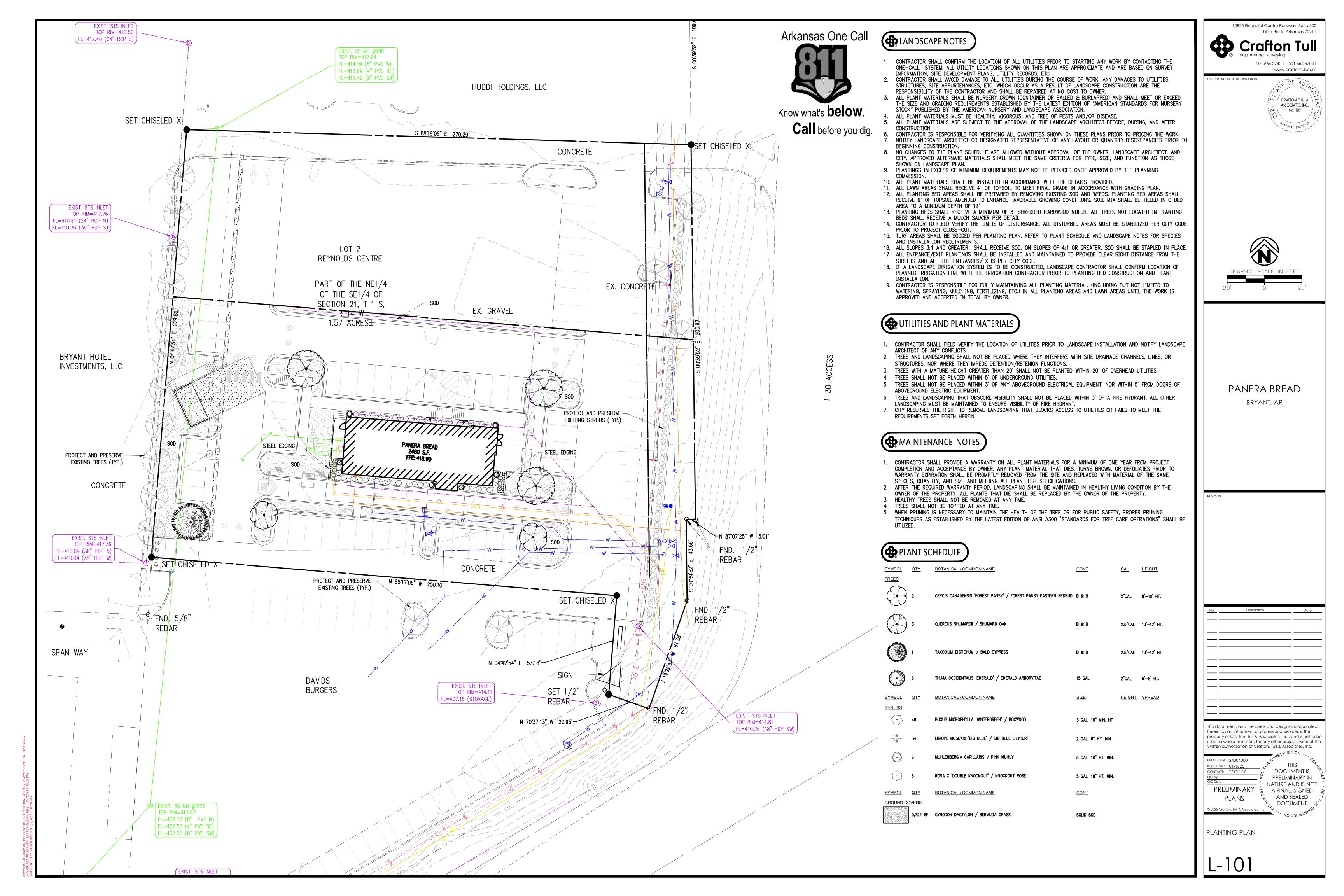
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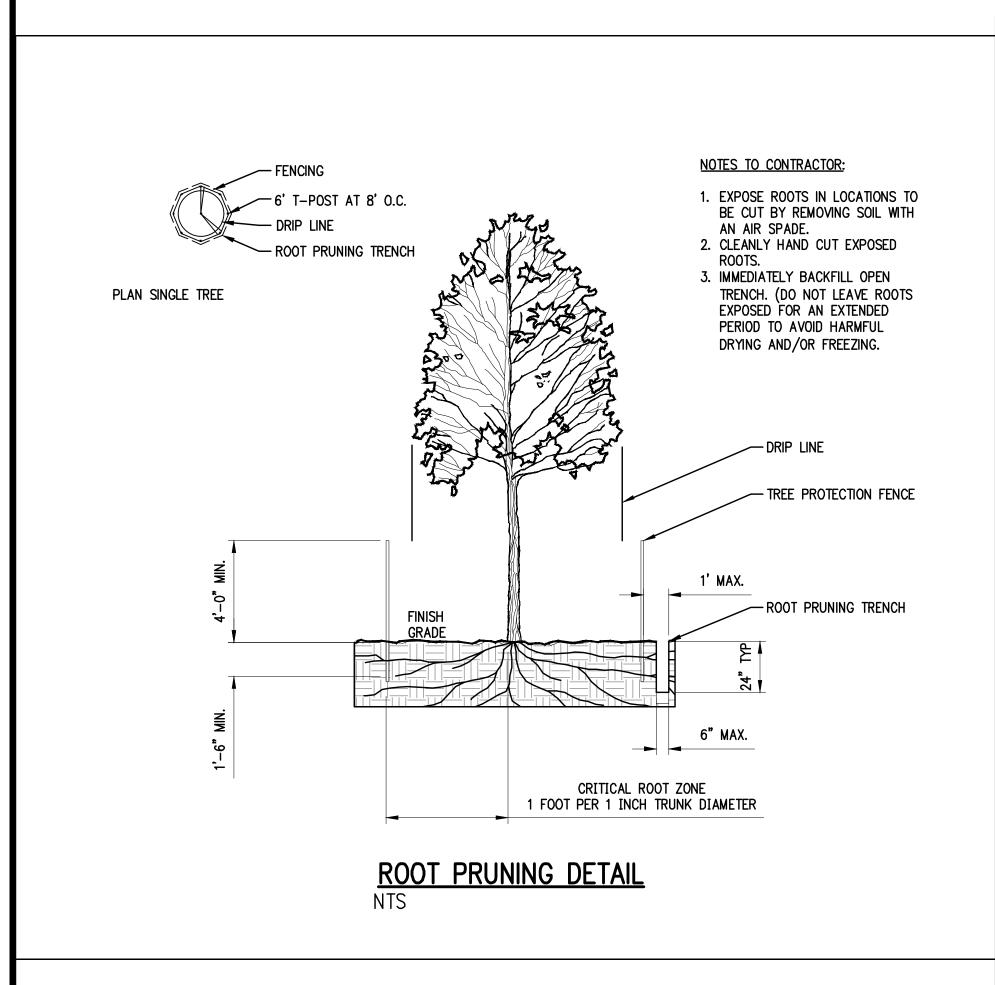
PLANS

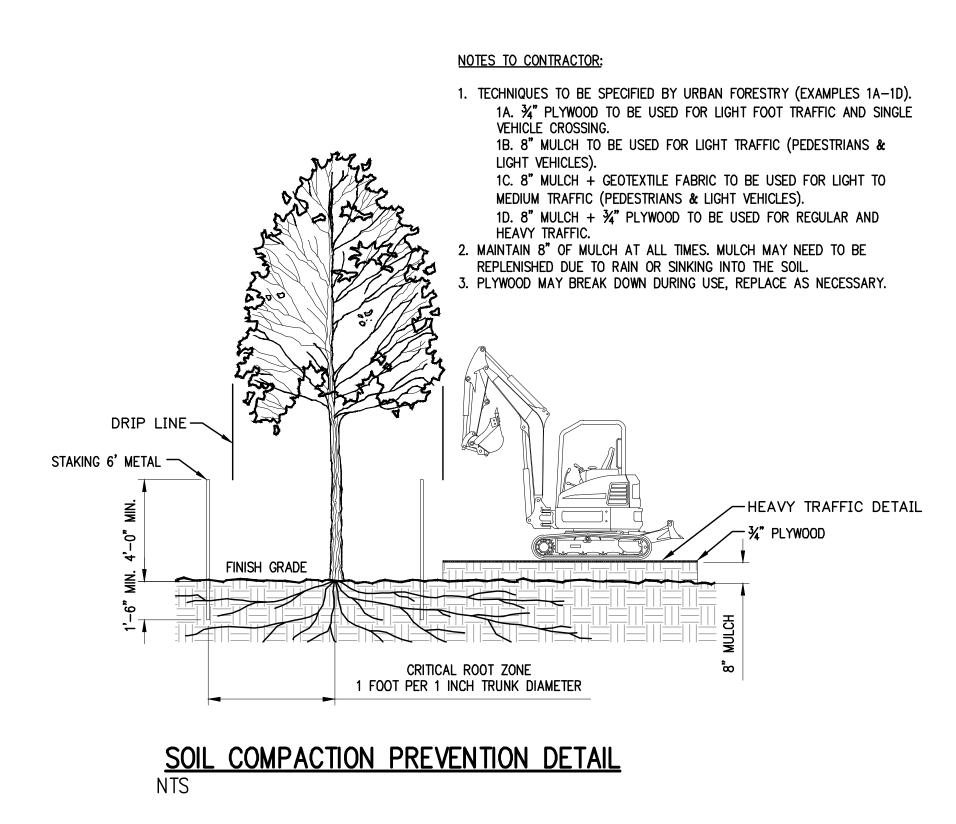
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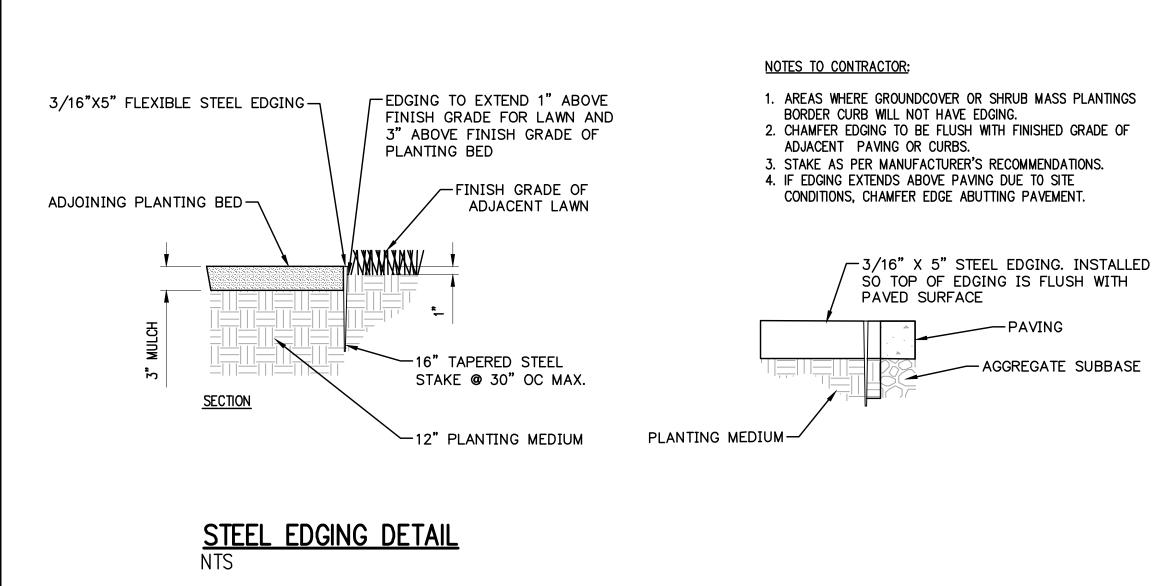
SITE DETAILS

C-503

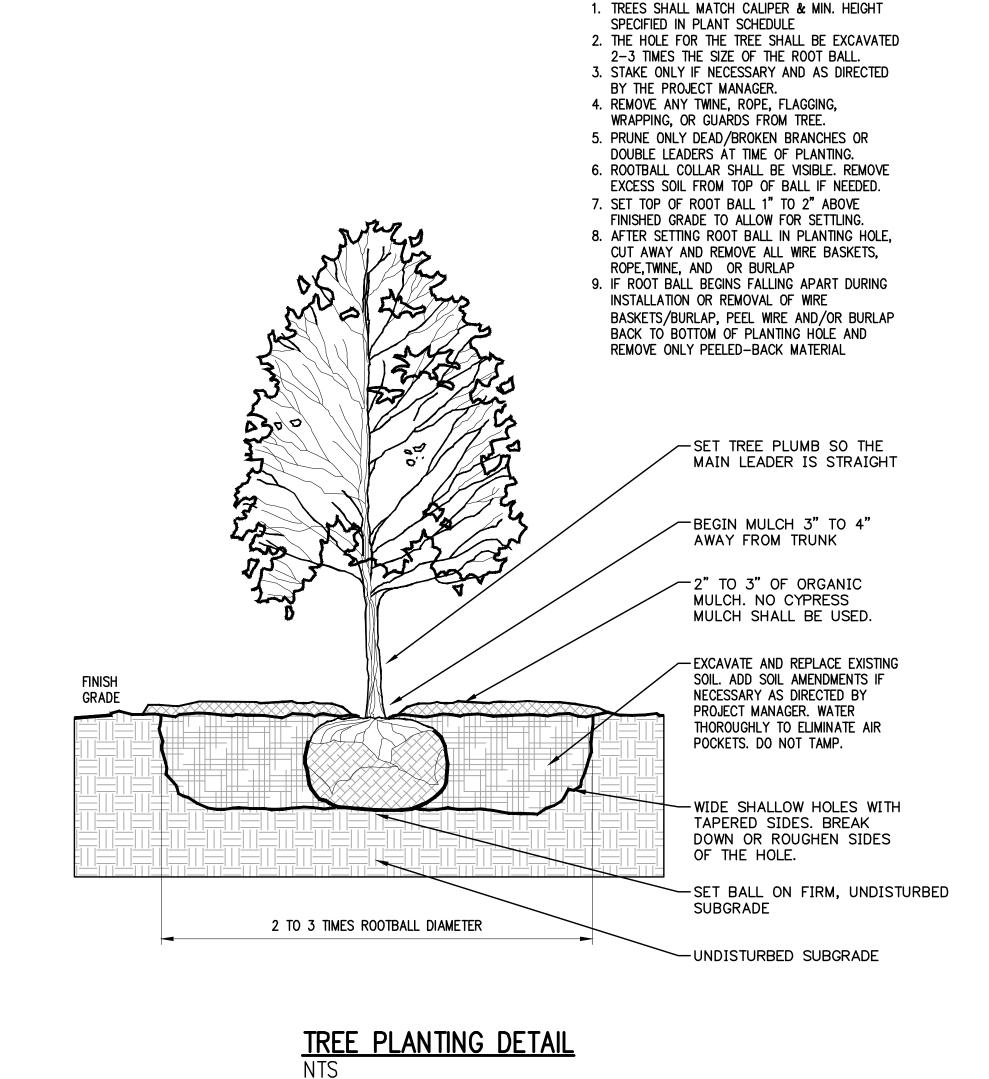


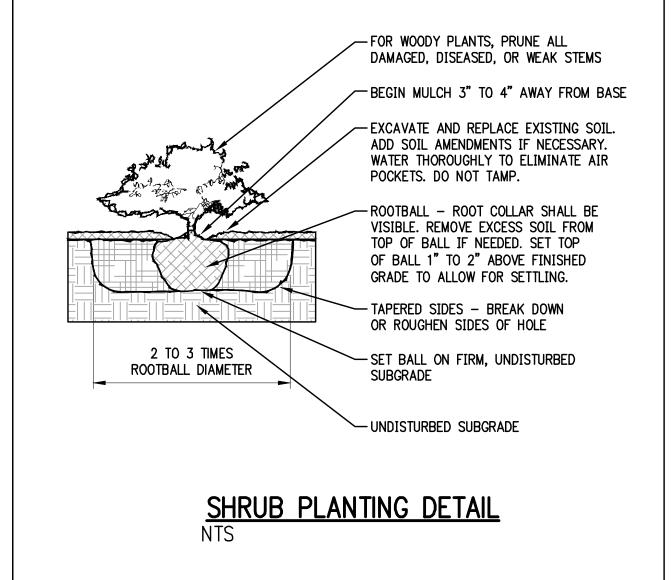




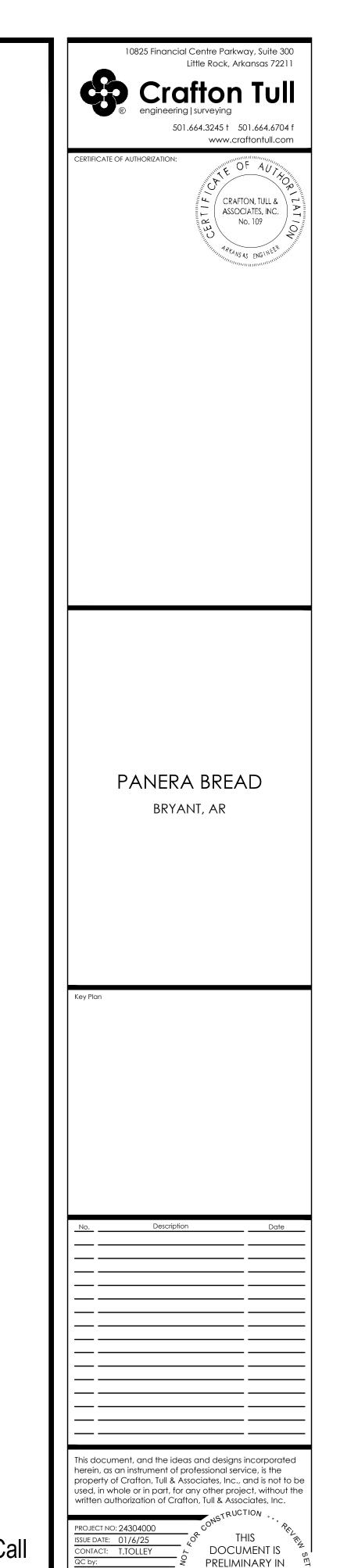


NOTES TO CONTRACTOR:



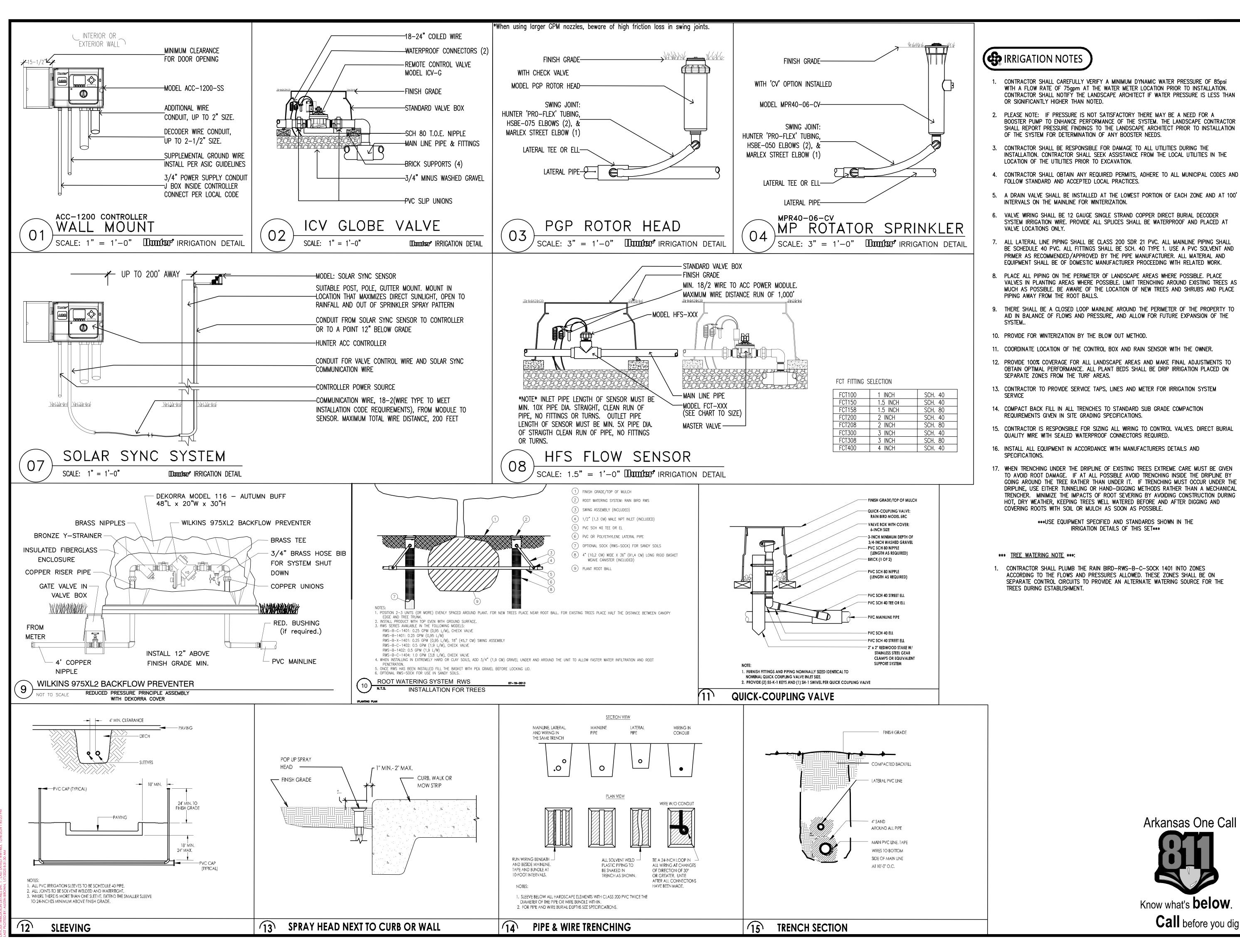


Arkansas One Call Know what's **below**. Call before you dig. L-501



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PLANTING DETAILS



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PANERA BREAD

BRYANT, AR

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PROJECT NO: 24304000

PRELIMINARY PLANS

DOCUMENT 2025 Crafton, Tull & Associates, Ir

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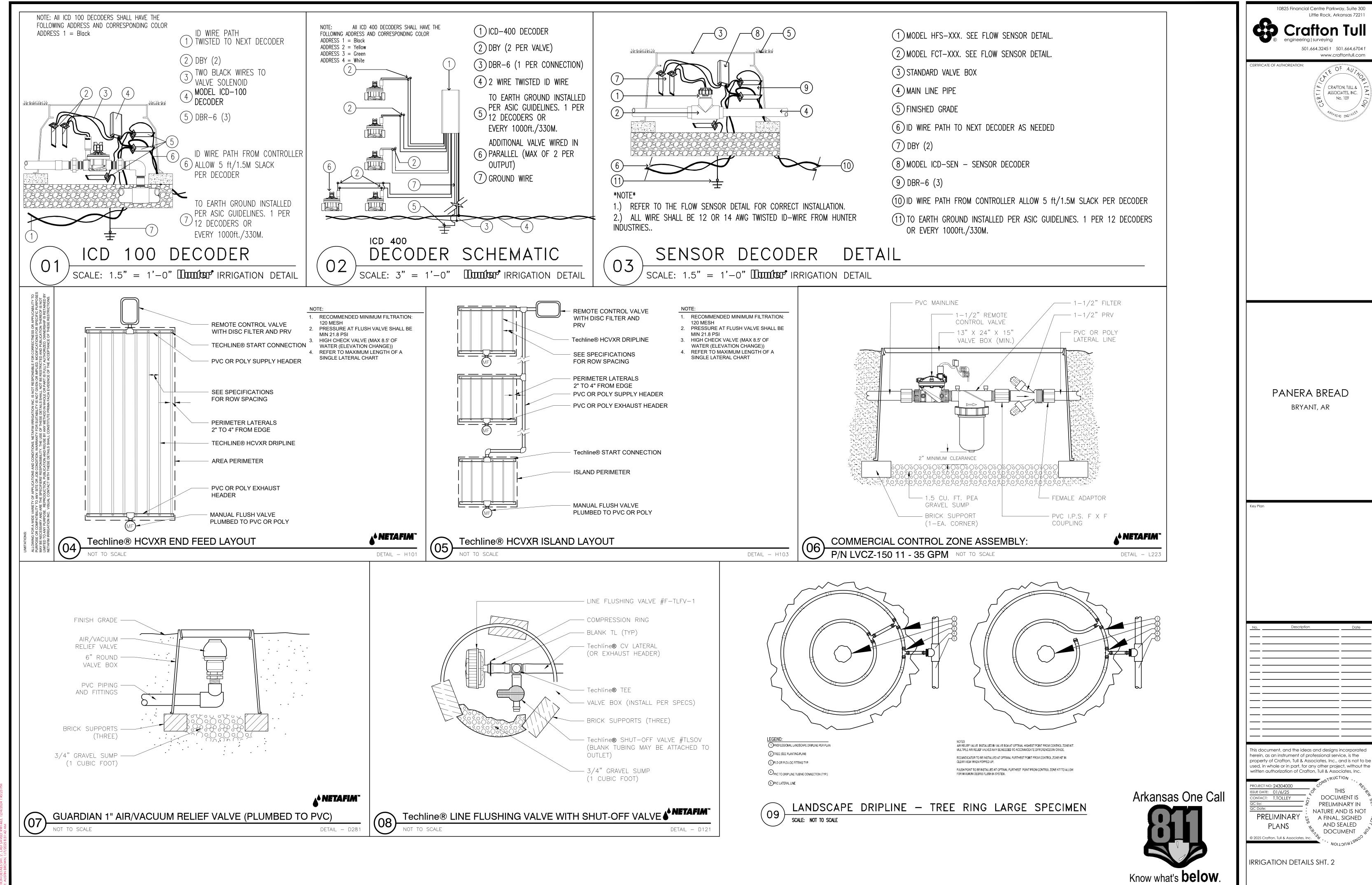
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CRAFTON, TULL & ASSOCIATES, INC.

No. 109



December 12, 2024

City of Bryant Attn: Engineering Department 210 SW 3rd. Street, Bryant, AR 72022

Re: Panera Bread - Drainage Letter CT Job #: 24304000

Mr. Wilson,

The following information concerns a new Panera Bread being proposed to be constructed just north of the David's Burgers at 23140 I-30 W Bryant, AR. This project is part of a larger commercial development (Reynolds Centre) that was designed by Holloway Engineering previously. A portion of the Panera Bread site will remain unimproved to allow for future development.

As part of the previous development of David's Burgers/Reynolds Centre, regional underground detention chambers were designed and constructed to provide detention for the overall development. This underground detention design accounted for the commercial development of the property upon which this project sits.

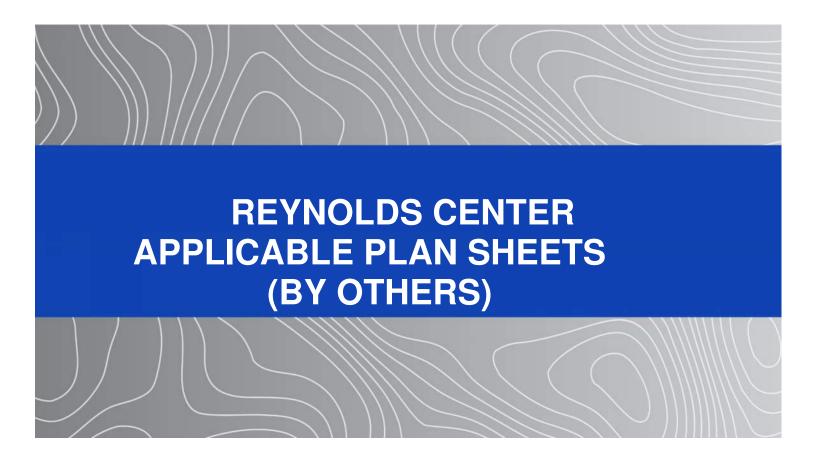
The original design for this site was a large retail center with associated parking. The development of the Panera Bread will have a smaller runoff coefficient than that of the original designed retail center. A portion of the site will remain unimproved to allow for future development. Because of the original retail design and conservative runoff coefficient, the Panera Bread and the future development (once constructed) will have no negative impact upon Bryant's stormwater system. A summary of the runoff coefficients is shown below:

Runoff Coefficient						
	10 YR	25 YR	100 YR			
	Storm	Storm	Storm			
Original Design Retail						
Center (By Others)	0.9	0.93	0.95			
Panera Bread with						
unimproved remaining						
future development area	0.59	0.64	0.72			

Should you have any questions, please feel free to contact us at your earliest convenience.

Sincerely,

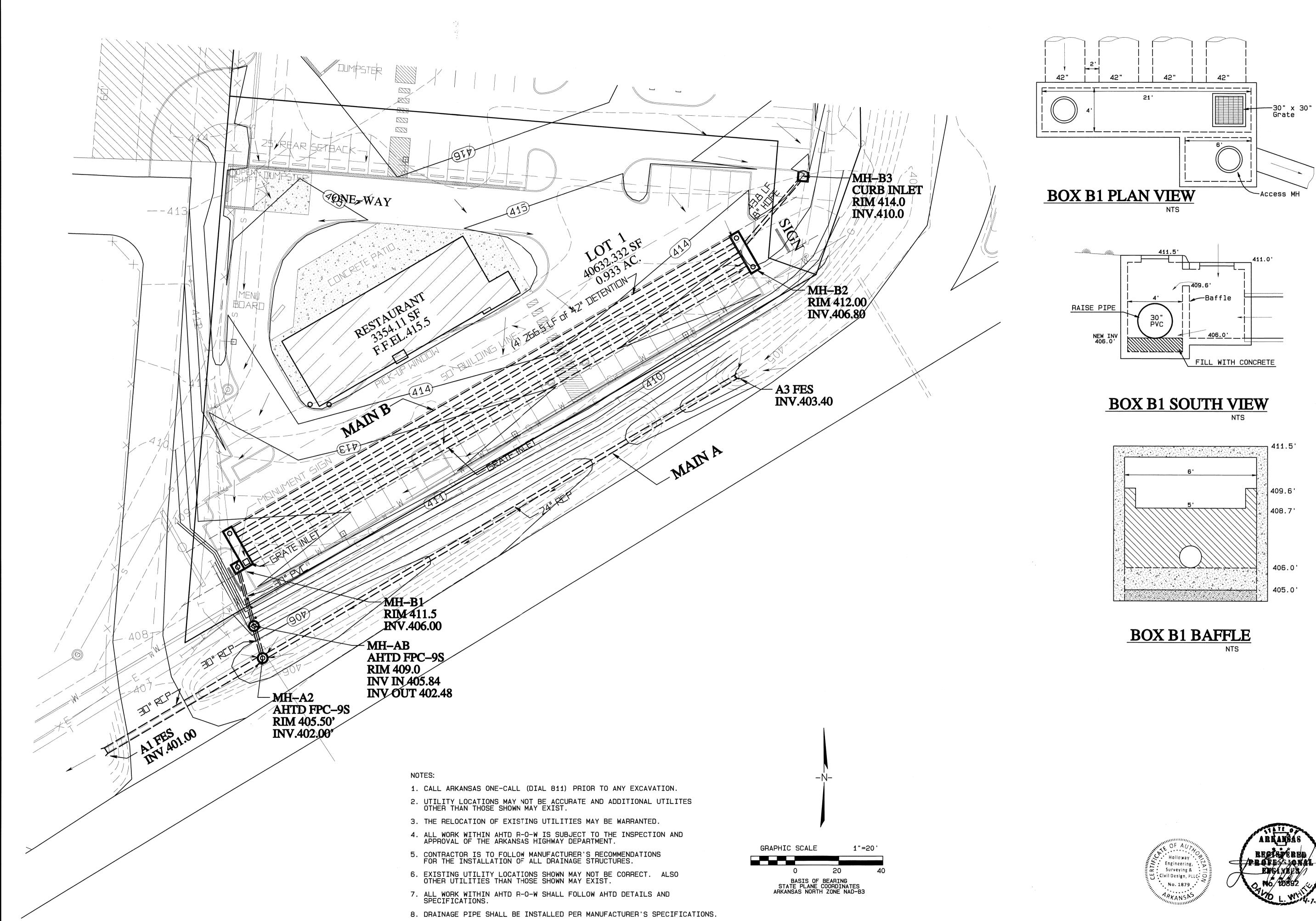
Caroline Gardner, PE Project Engineer Crafton Tull





Grading Plan of the Reynolds Centre y of Bryant, Saline County, A for: David's Real Estate. L

Arkansas LLC

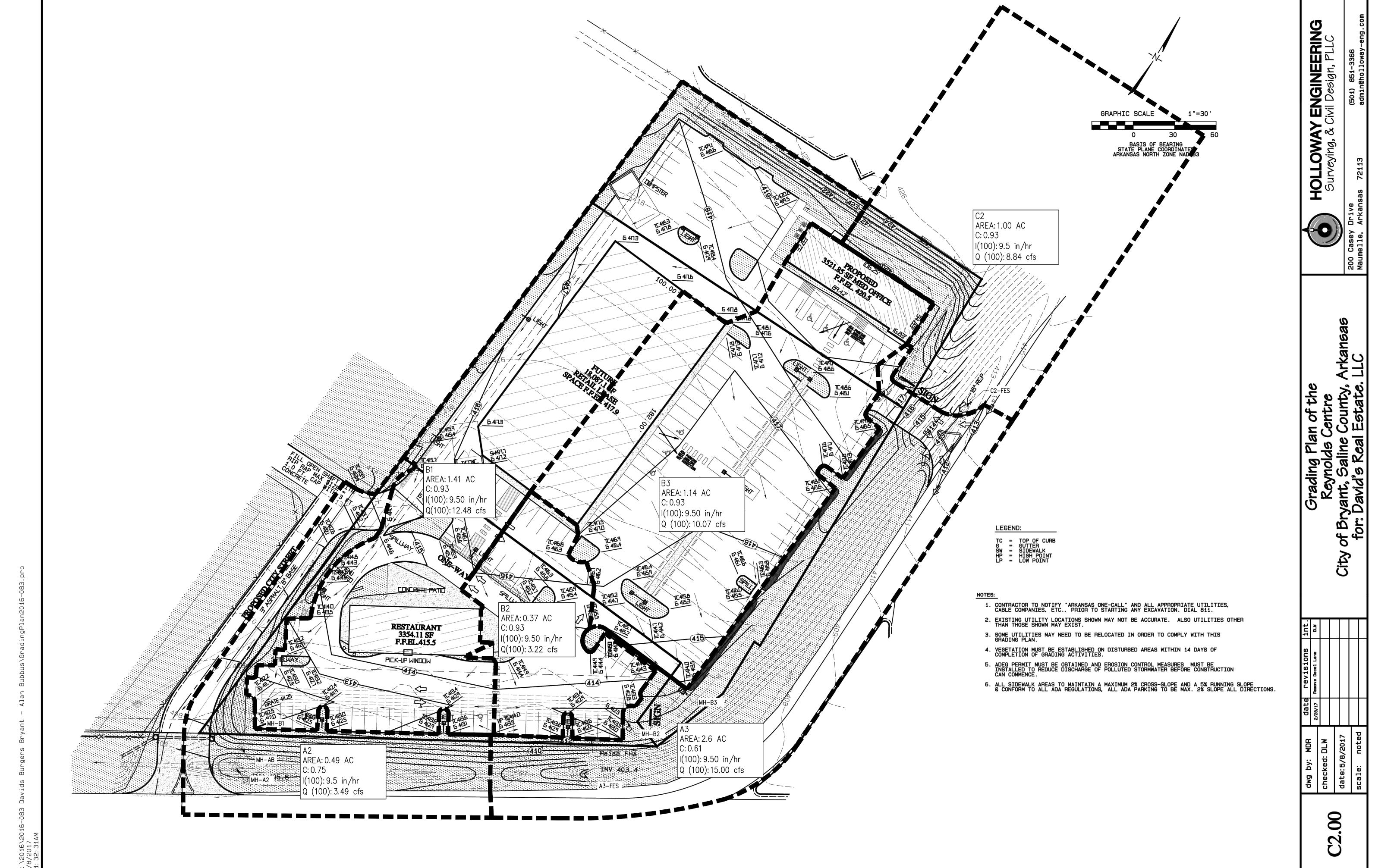


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HOLLOWAY ENGINEERING Surveying, & Civil Design, PLLC

Plan of the

Drainage Reynol, yant, Sal David's E



PIPES Design based on 100-year Storm

Inlet	Drainage Area ac	Area Q req'd cfs	Pipe	Q req'd	Pipe Dia in	Area ft^2	W.P.	Rh	Slope ft/ft	n	Max Velocity fps	Full Flow Capacity cfs	Vel Head v²/2g ft	Fig 3-1 Flow Depth ft	H.E.G ft	Rim Elev ft
В3	1.14	10.07	B3 to B2	10.07	18	1.77	4.71	0.375	0.045	0.013	12.66	22.36	2.5			
B2	0.37	3.22	B2 to B1	13.30	42	9.62	10.99	0.875	0.003	0.013	5.74	55.20	0.5			
B1 AB	1.41	12.48 0.00		25.78 25.78	30 30	4.91 4.91	7.85 7.85	0.625 0.625	0.005 0.015	0.010 0.013	7.69 10.25		0.9 1.6			
А3	2.60	15.00	A3 to A2	15.00	24	3.14	6.28	0.5	0.005	0.013	5.09	15.99	0.4	1.6		
A2	0.49	3.49	A2 to A1	44.27	30	4.91	7.85	0.625	0.012	0.013	9.16	44.96	1.3	2.0	405.3	405.5
C2	1.00	8.84	C2 to C1	8.84	18	1.77	4.71	0.375	0.019	0.013	8.24	14.55	1.1	0.8		

H.E.G. = Inv + Vel Head + Flow Depth

Q req'd = (Drainage Area) x (9.5 in/hr) x (0.93)

Flow Depth from LR Drainage Manual Fig 3-1

Velocity = ((1.49/n) (Rh)^0.66 (Slope)^0.5)

Capacity = Q = Area x Velocity

A2 - Q req'd = (0.49)(9.5)(0.75) = 3.49 cfs

Offsite Drainage into A3:

1) Waffle House Lot A = 0.90 ac

2) Ditch & Pavement of Ramp Road

A = 0.90 ac

L1 = 300 ft L2 = 525 ft Lo = 825 ft

 $\Delta h = 20 \text{ ft}$

Slope = 2.5%

Tc = 30 min

I = 5.5 in/hr

Q = CIA = (0.75)(5.5)(1.80) = 7.4 cfs

3) Interstate Area

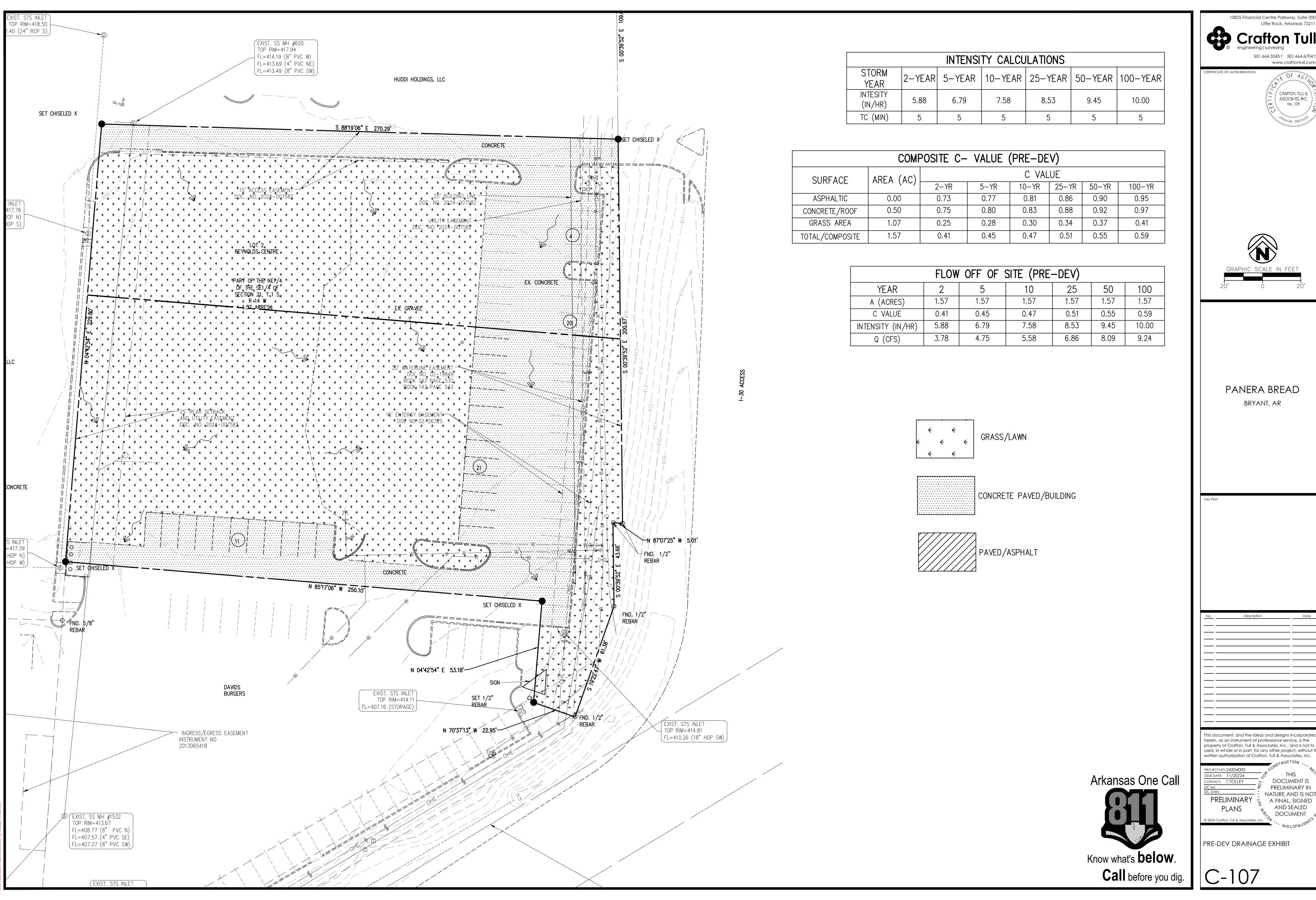
A = 0.85 ac

Q = CIA = (0.90)(10.0)(0.85) = 7.6 cfs

A3 - 15.0 cfs

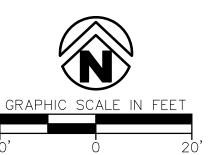






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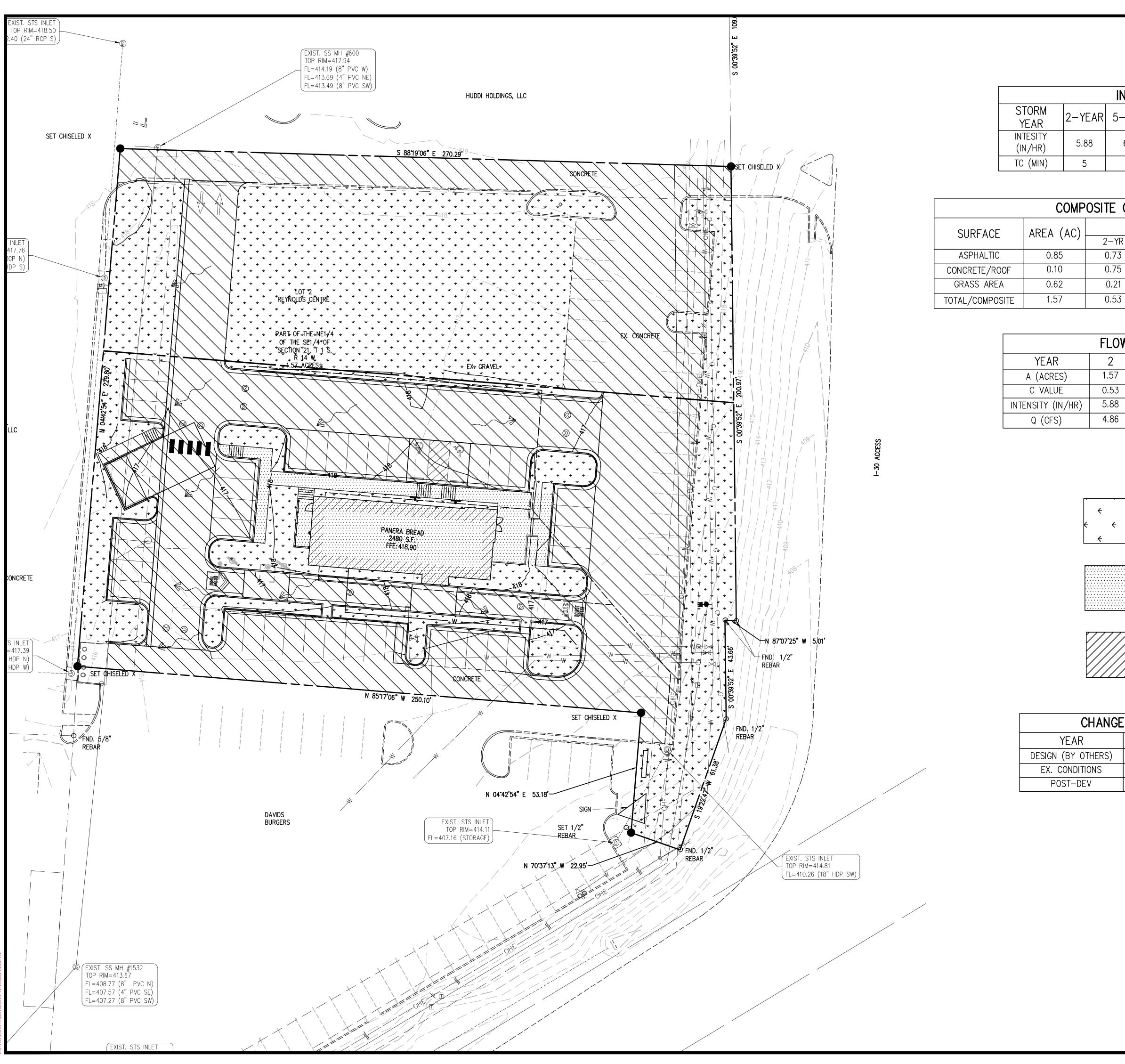
PANERA BREAD

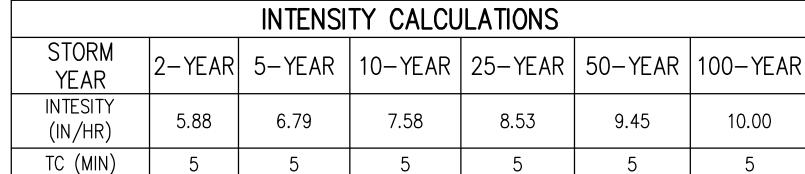
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PRE-DEV DRAINAGE EXHIBIT



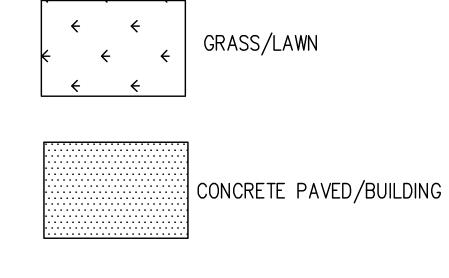






COMPOSITE C- VALUE (POST-DEV)									
SURFACE	AREA (AC)		C VALUE						
SURFACE	ANLA (AC)	2-YR	5-YR	10-YR	25-YR	50-YR	100-YR		
ASPHALTIC	0.85	0.73	0.77	0.81	0.86	0.90	0.95		
CONCRETE/ROOF	0.10	0.75	0.80	0.83	0.88	0.92	0.97		
GRASS AREA	0.62	0.21	0.23	0.25	0.29	0.32	0.36		
TOTAL/COMPOSITE	1.57	0.53	0.56	0.59	0.64	0.67	0.72		

FLOW OFF OF SITE (POST-DEV)							
YEAR	2	5	10	25	50	100	
A (ACRES)	1.57	1.57	1.57	1.57	1.57	1.57	
C VALUE	0.53	0.56	0.59	0.64	0.67	0.72	
INTENSITY (IN/HR)	5.88	6.79	7.58	8.53	9.45	10.00	
Q (CFS)	4.86	5.96	7.02	8.52	9.97	11.28	

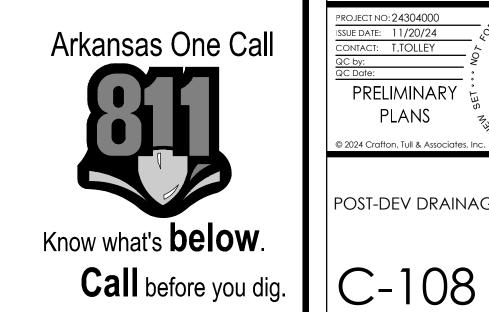


CHANGE IN C (RUNOFF COEFFICIENT)							
YEAR	2	5	10	25	50	100	
I (BY OTHERS)	_	_	0.90	0.93	_	0.95	
CONDITIONS	0.41	0.45	0.47	0.51	0.55	0.59	

0.67

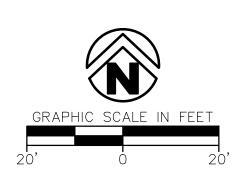
0.72

0.53 0.56 0.59 0.64





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PANERA BREAD BRYANT, AR

No.	Description	Date
	_	

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PROJECT NO: 24304000
ISSUE DATE: 11/20/24
CONTACT: T.TOLLEY
QC by:

PRELIMINARY PLAN\$

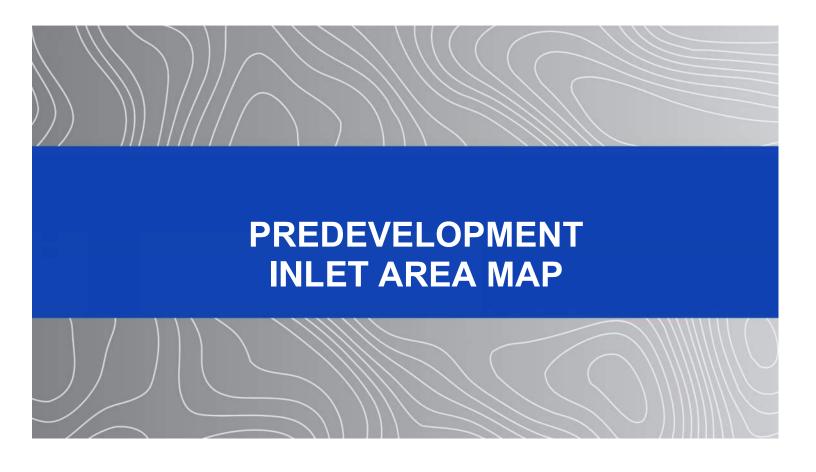
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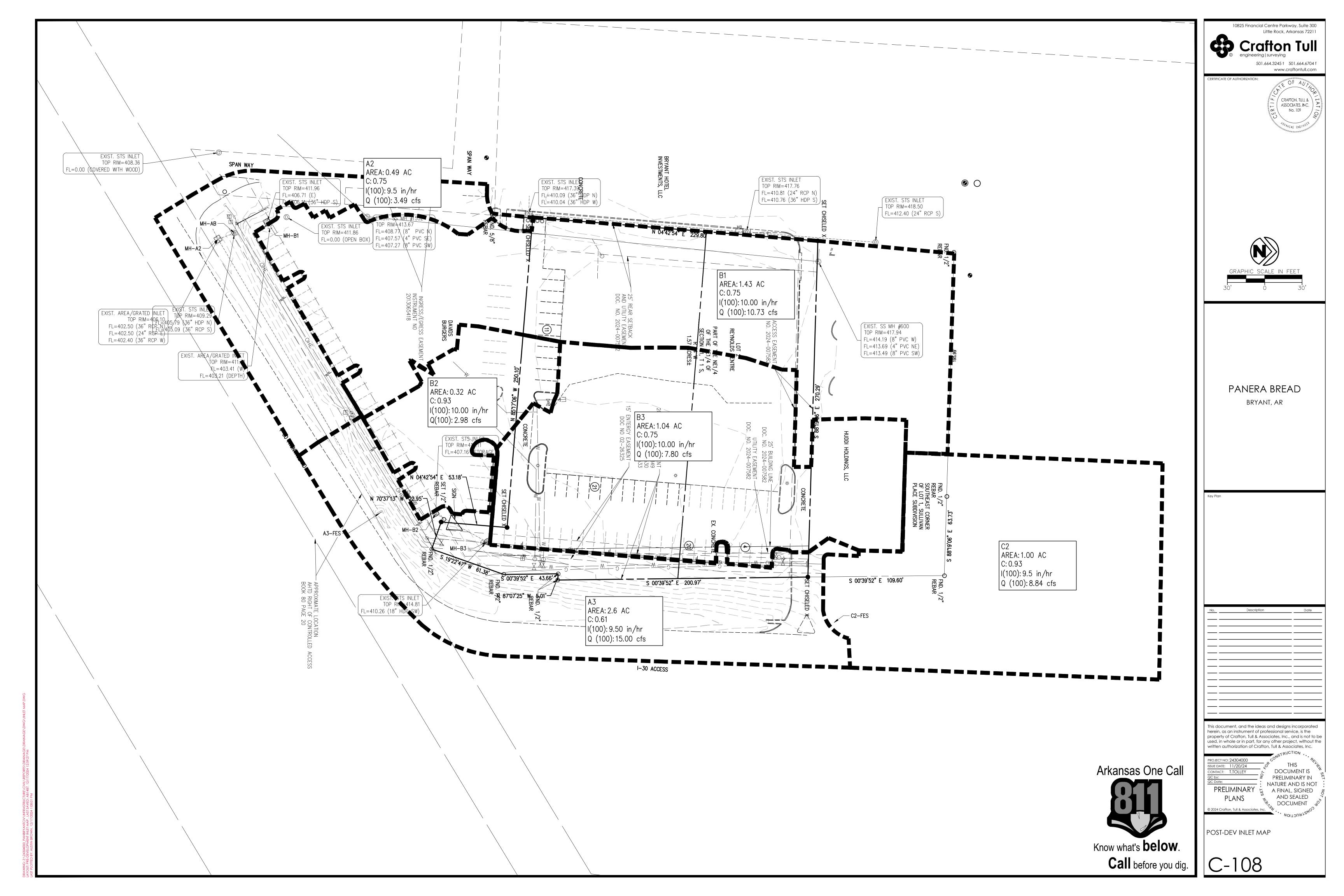
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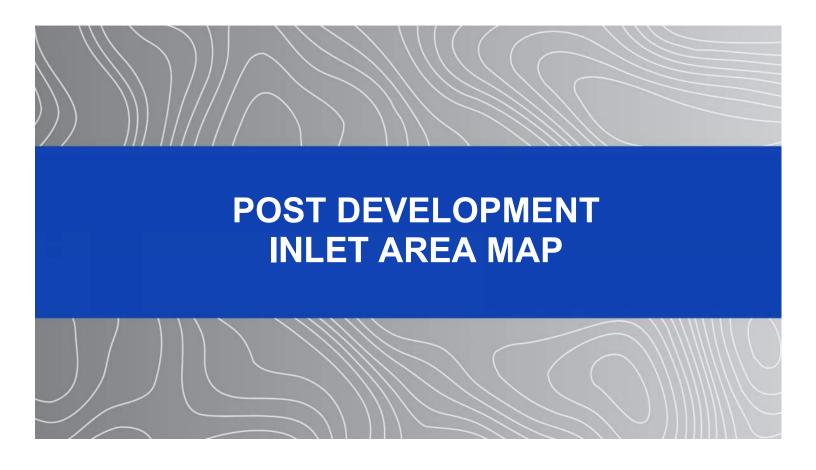
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POST-DEV DRAINAGE EXHIBIT

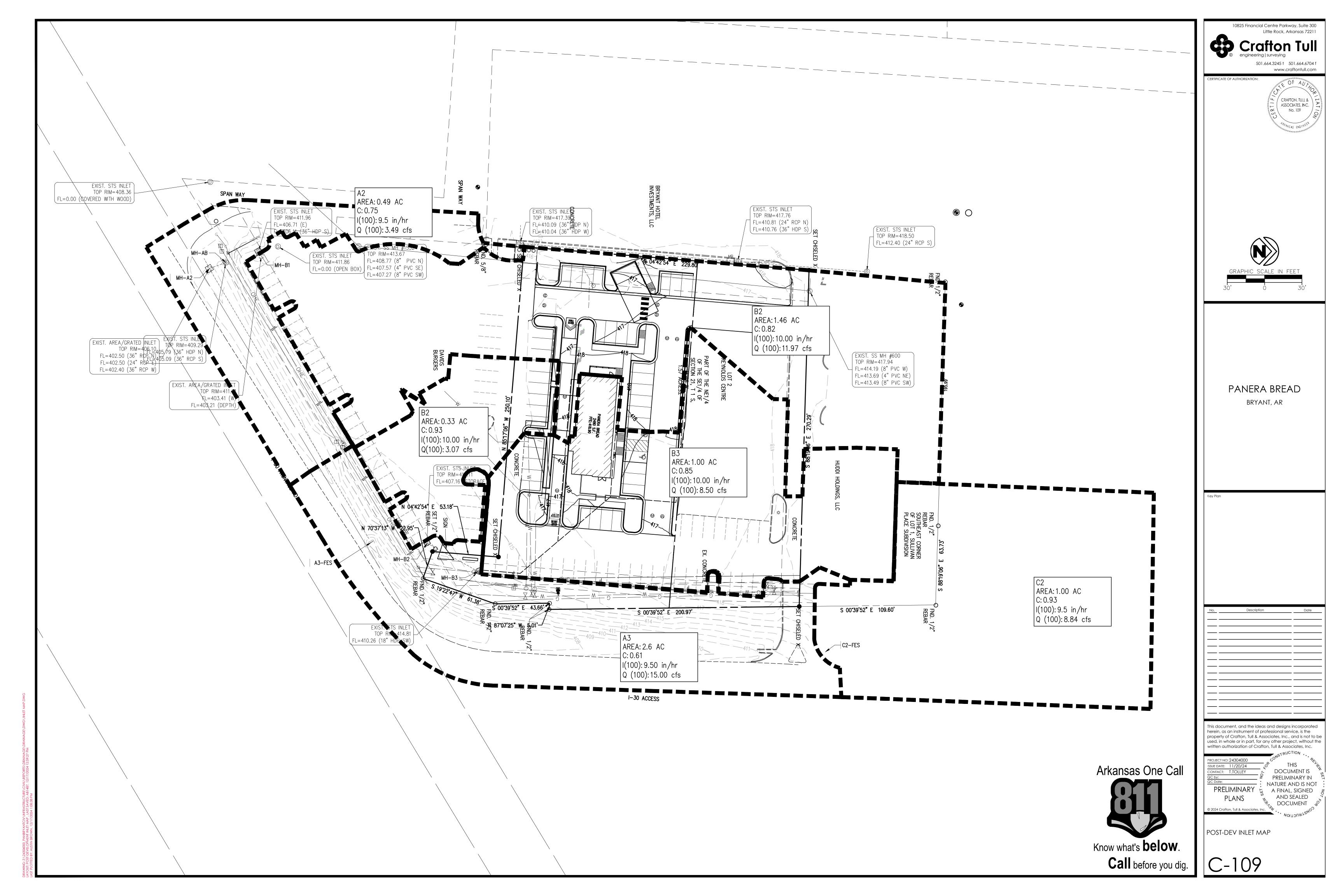


















NRCS

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Saline County, Arkansas



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2 053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features

ဖ

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit **Gravelly Spot**

Landfill

Lava Flow

Marsh or swamp

Mine or Quarry Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot

Sinkhole Slide or Slip

Sodic Spot

Spoil Area

å

Stony Spot

Very Stony Spot

Ŷ

Wet Spot Other

Δ

Special Line Features

Water Features

Streams and Canals

Transportation

Rails

Interstate Highways

US Routes

Major Roads

00

Local Roads

Background

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Saline County, Arkansas Survey Area Data: Version 21, Sep 10, 2024

Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

Date(s) aerial images were photographed: May 1, 2022—May 29. 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
29	Tiak silt loam, 3 to 8 percent slopes	1.6	100.0%
Totals for Area of Interest		1.6	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Saline County, Arkansas

29—Tiak silt loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: m06q

Elevation: 70 to 570 feet

Mean annual precipitation: 44 to 61 inches
Mean annual air temperature: 49 to 74 degrees F

Frost-free period: 185 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Tiak and similar soils: 100 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tiak

Setting

Landform: Interfluves
Down-slope shape: Convex
Across-slope shape: Linear

Parent material: Loamy and clayey marine deposits

Typical profile

A - 0 to 7 inches: silt loam E - 7 to 9 inches: loam Bt1 - 9 to 32 inches: clay Bt2 - 32 to 72 inches: clay

Properties and qualities

Slope: 3 to 8 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to

moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 12 to 24 inches

Frequency of flooding: None Frequency of ponding: None

Available water supply, 0 to 60 inches: High (about 9.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: C/D

Ecological site: F133BY002TX - Seasonally Wet Upland

Hydric soil rating: No

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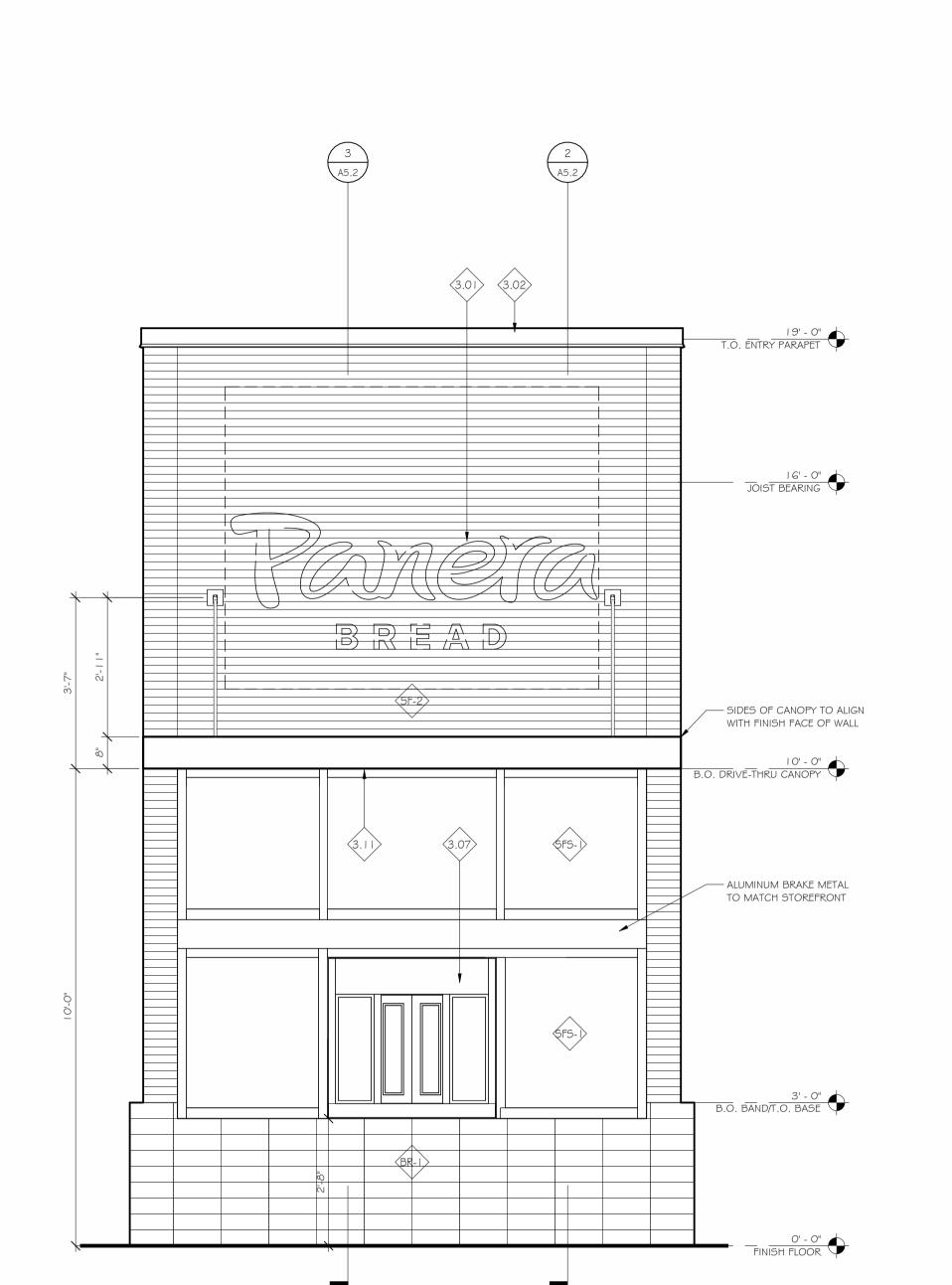
United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf



CANOPY VENDOR:

AMERICAN PRODUCTS, INC. (API)

WWW.AMERICANPRODUCTS.COM

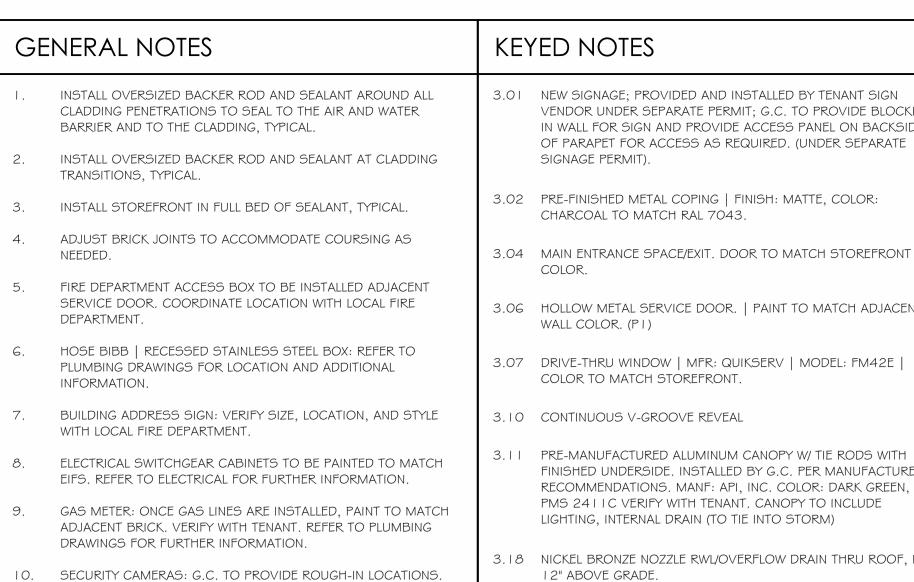
MICHAEL CALDERONE NATIONAL ACCOUNT MANAGER

13909 LYNMAR BOULEVARD - TAMPA, FL 33626

PHONE: 813.925.0144 - FAX: 813.925.1414

(W/KNOTWOOD (OR SIMILAR) UNDERSIDE FINISH/SOFFI

MCALDERONE@AMERICANPRODUCTS.COM -





- 3.02 PRE-FINISHED METAL COPING | FINISH: MATTE, COLOR:
- 3.04 MAIN ENTRANCE SPACE/EXIT. DOOR TO MATCH STOREFRONT
- 3.06 HOLLOW METAL SERVICE DOOR. | PAINT TO MATCH ADJACENT
- 3.07 DRIVE-THRU WINDOW | MFR: QUIKSERV | MODEL: FM42E |
- FINISHED UNDERSIDE. INSTALLED BY G.C. PER MANUFACTURER'S RECOMMENDATIONS. MANF: API, INC. COLOR: DARK GREEN, PMS 2411C VERIFY WITH TENANT. CANOPY TO INCLUDE
 - 3.18 NICKEL BRONZE NOZZLE RWL/OVERFLOW DRAIN THRU ROOF, MIN. 12" ABOVE GRADE.
- PRIOR TO INSTALLATION. 3.36 PREMANUFACTURED RIBBED PANEL ROOF EQUIPMENT SCREENING, MFR: ROOFSCREEN MANUFACTURING, COLOR: TO II. BOLLARDS: CONCRETE BOARDS TO BE PAINTED SAFETY YELLOW. MATCH P224. SEE CIVIL FOR LOCATIONS AND ADDITIONAL INFORMATION.

COORDINATE ROUGH-IN LOCATIONS AND HEIGHT WITH TENANT

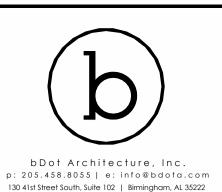
- BR-I BRICK UTILITY FACE BRICK, SIZE: 3-5/8"W X 3-5/8"TH X I I-5/8"L, COLOR: TO MATCH SANTIAGO CREATIVE MATERIALS BLEND. HORIZONTAL STACK BOND. MORTAR TO BE LATICRETE MVIS POINTING MORTAR, #58 TERRACOTTA.
- BR-2 BRICK UTILITY FACE BRICK, SIZE: 3-5/8"W X 3-5/8"TH X I I-5/8"L, COLOR: TO MATCH GOLDEN BLUFF CREATIVE
- MATERIALS. SOLDIER COURSE. MORTAR TO BE LATICRETE MVIS POINTING MORTAR, #40 LATTE. EIFS-I EXTERIOR INSULATION FINISH SYSTEM, PRODUCT: DRYVIT

"OUTSULATION PLUS MD" EIFS WITH MOISTURE DRAINAGE

- SYSTEM, COLOR: COLOR MATCH TO DRYVIT #105 SUEDE, TEXTURE: DRYVIT "LYMESTONE". ES-I UNIT-MOUNTED PREFABRICATED METAL ROOF EQUIPMENT
- SCREENS UNLESS POST-MOUNTED SCREEN IS REQUIRED. CONTRACTOR TO VERIFY IF ROOFTOP EQUIPMENT LAYOUT CAN UTILIZE UNIT-MOUNTED SCREEN SYSTEM WITH MANUFACTURER.

SF-I SPECIAL FINISH - NICHIHA VINTAGEWOOD ARCHITECTURAL WALL

- PANEL, COLOR: SPRUCE VERIFY WITH TENANT. SF-2 SPECIAL FINISH - NICHIHA RIBBED ARCHITECTURAL WALL PANEL
- WITH MATCHING NICHIHA 3.5" CORNER PIECES AT ALL CORNERS. CUSTOM COLOR: "PANERA GREEN" - VERIFY WITH TENANT.
- Architecture, Inc. SFS-I ALUMINUM STOREFRONT SYSTEM WITH I" INSULATED GLAZING, PRODUCT: TRIFAB 45 I FRAMING SYSTEM, FINISH: DARK BRONZE FINISH ANODIZED ALUMINUM.

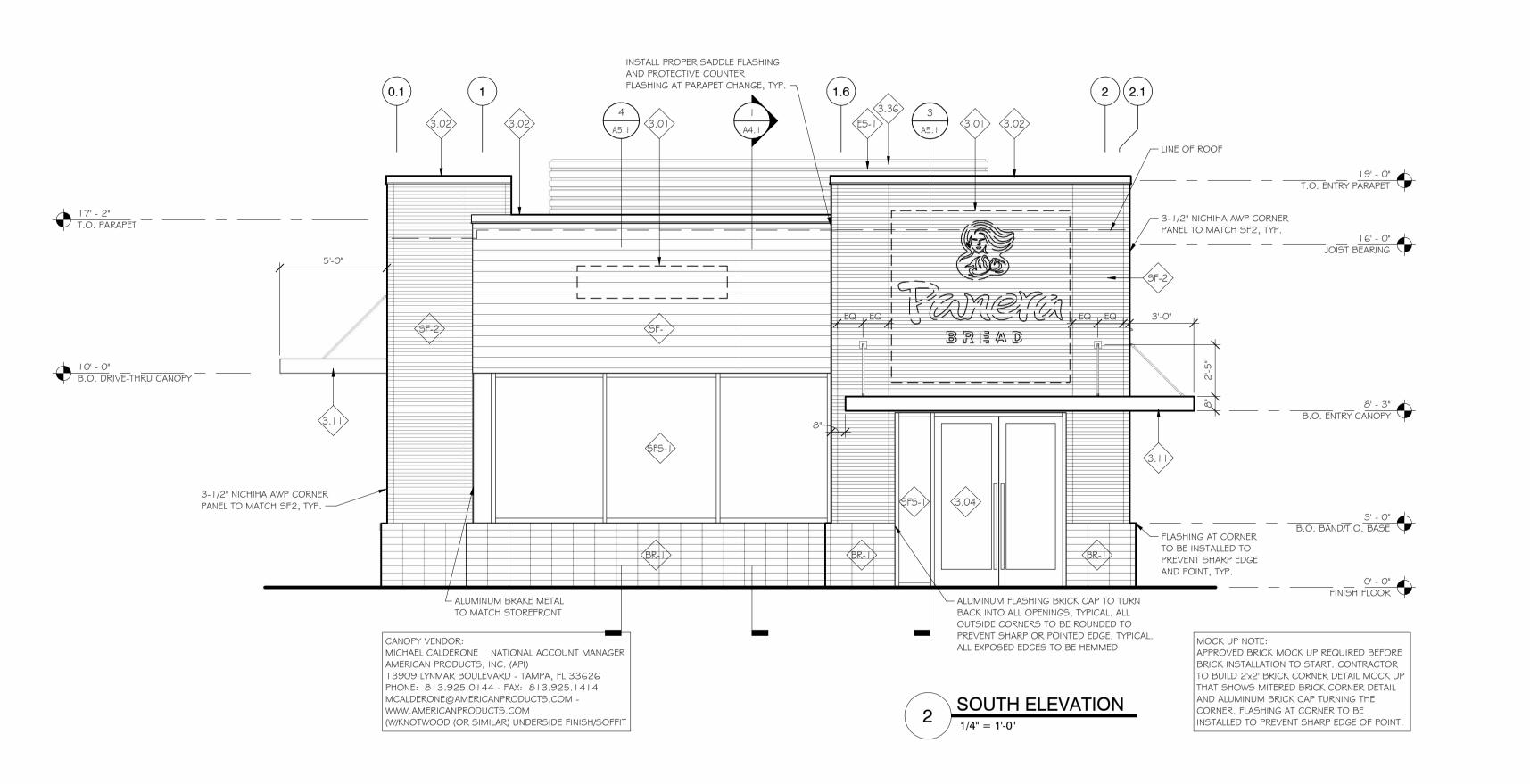


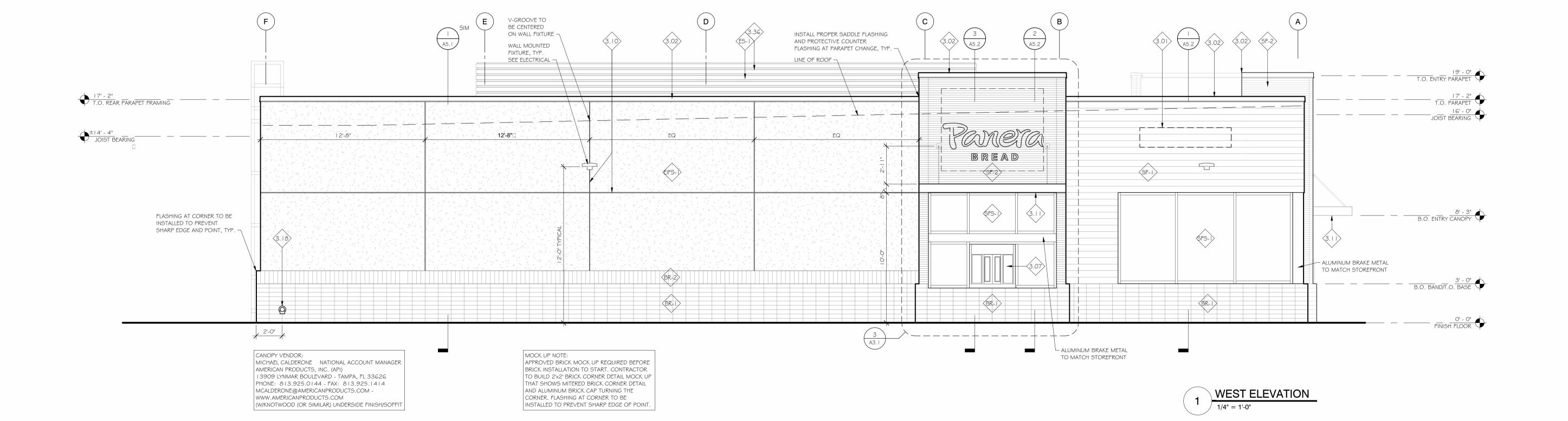
PRELIMINARY DRAWINGS CONSTRUCTION

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REVISIONS:

DATE:

10/04/2024

PROJECT NUMBER:

SHEET NAME: EXTERIOR ELEVATIONS

SHEET NUMBER:

GE	NERAL NOTES	KEYED NOTES			
۱.	INSTALL OVERSIZED BACKER ROD AND SEALANT AROUND ALL CLADDING PENETRATIONS TO SEAL TO THE AIR AND WATER BARRIER AND TO THE CLADDING, TYPICAL.	3.01	NEW SIGNAGE; PROVIDED AND INSTALL VENDOR UNDER SEPARATE PERMIT; G.IN WALL FOR SIGN AND PROVIDE ACCESS.		
2.	INSTALL OVERSIZED BACKER ROD AND SEALANT AT CLADDING TRANSITIONS, TYPICAL.		OF PARAPET FOR ACCESS AS REQUIRE SIGNAGE PERMIT).		
3.	INSTALL STOREFRONT IN FULL BED OF SEALANT, TYPICAL.	3.02	PRE-FINISHED METAL COPING FINISH CHARCOAL TO MATCH RAL 7043.		
4.	ADJUST BRICK JOINTS TO ACCOMMODATE COURSING AS NEEDED.	3.04	MAIN ENTRANCE SPACE/EXIT. DOOR TO		
5.	FIRE DEPARTMENT ACCESS BOX TO BE INSTALLED ADJACENT SERVICE DOOR. COORDINATE LOCATION WITH LOCAL FIRE DEPARTMENT.	3.06			
6.	HOSE BIBB RECESSED STAINLESS STEEL BOX: REFER TO PLUMBING DRAWINGS FOR LOCATION AND ADDITIONAL INFORMATION.	3.07	DRIVE-THRU WINDOW MFR: QUIKSER COLOR TO MATCH STOREFRONT.		
7.	BUILDING ADDRESS SIGN: VERIFY SIZE, LOCATION, AND STYLE WITH LOCAL FIRE DEPARTMENT.	3.10	CONTINUOUS V-GROOVE REVEAL		
8.	ELECTRICAL SWITCHGEAR CABINETS TO BE PAINTED TO MATCH EIFS. REFER TO ELECTRICAL FOR FURTHER INFORMATION.	3.11	PRE-MANUFACTURED ALUMINUM CANC FINISHED UNDERSIDE. INSTALLED BY G RECOMMENDATIONS. MANF: API, INC.		
9.	GAS METER: ONCE GAS LINES ARE INSTALLED, PAINT TO MATCH ADJACENT BRICK. VERIFY WITH TENANT. REFER TO PLUMBING		PMS 2411C VERIFY WITH TENANT. CAN LIGHTING, INTERNAL DRAIN (TO TIE INTO		

3.01	NEW SIGNAGE; PROVIDED AND INSTALLED BY TENANT SIGN	
	VENDOR UNDER SEPARATE PERMIT; G.C. TO PROVIDE BLOCKING	
	IN WALL FOR SIGN AND PROVIDE ACCESS PANEL ON BACKSIDE	
	OF PARAPET FOR ACCESS AS REQUIRED. (UNDER SEPARATE	
	SIGNAGE PERMIT).	

- SH: MATTE, COLOR:
- TO MATCH STOREFRONT
- PAINT TO MATCH ADJACENT
- SERV | MODEL: FM42E |
- ANOPY W/ TIE RODS WITH BY G.C. PER MANUFACTURER'S C. COLOR: DARK GREEN, CANOPY TO INCLUDE NTO STORM)
- 3.18 NICKEL BRONZE NOZZLE RWL/OVERFLOW DRAIN THRU ROOF, MIN. 12" ABOVE GRADE.
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DRAWINGS FOR FURTHER INFORMATION.

10. SECURITY CAMERAS: G.C. TO PROVIDE ROUGH-IN LOCATIONS.

COORDINATE ROUGH-IN LOCATIONS AND HEIGHT WITH TENANT

SEE CIVIL FOR LOCATIONS AND ADDITIONAL INFORMATION.

- BR- I BRICK UTILITY FACE BRICK, SIZE: 3-5/8"W X 3-5/8"TH X I I -5/8"L, COLOR: TO MATCH SANTIAGO CREATIVE MATERIALS BLEND. HORIZONTAL STACK BOND. MORTAR TO BE LATICRETE MVIS POINTING MORTAR, #58 TERRACOTTA.
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- PANEL, COLOR: SPRUCE VERIFY WITH TENANT.
- SF-2 SPECIAL FINISH NICHIHA RIBBED ARCHITECTURAL WALL PANEL WITH MATCHING NICHIHA 3.5" CORNER PIECES AT ALL CORNERS. CUSTOM COLOR: "PANERA GREEN" - VERIFY WITH TENANT.
- SFS-I ALUMINUM STOREFRONT SYSTEM WITH I" INSULATED GLAZING, PRODUCT: TRIFAB 45 I FRAMING SYSTEM, FINISH: DARK BRONZE FINISH ANODIZED ALUMINUM.

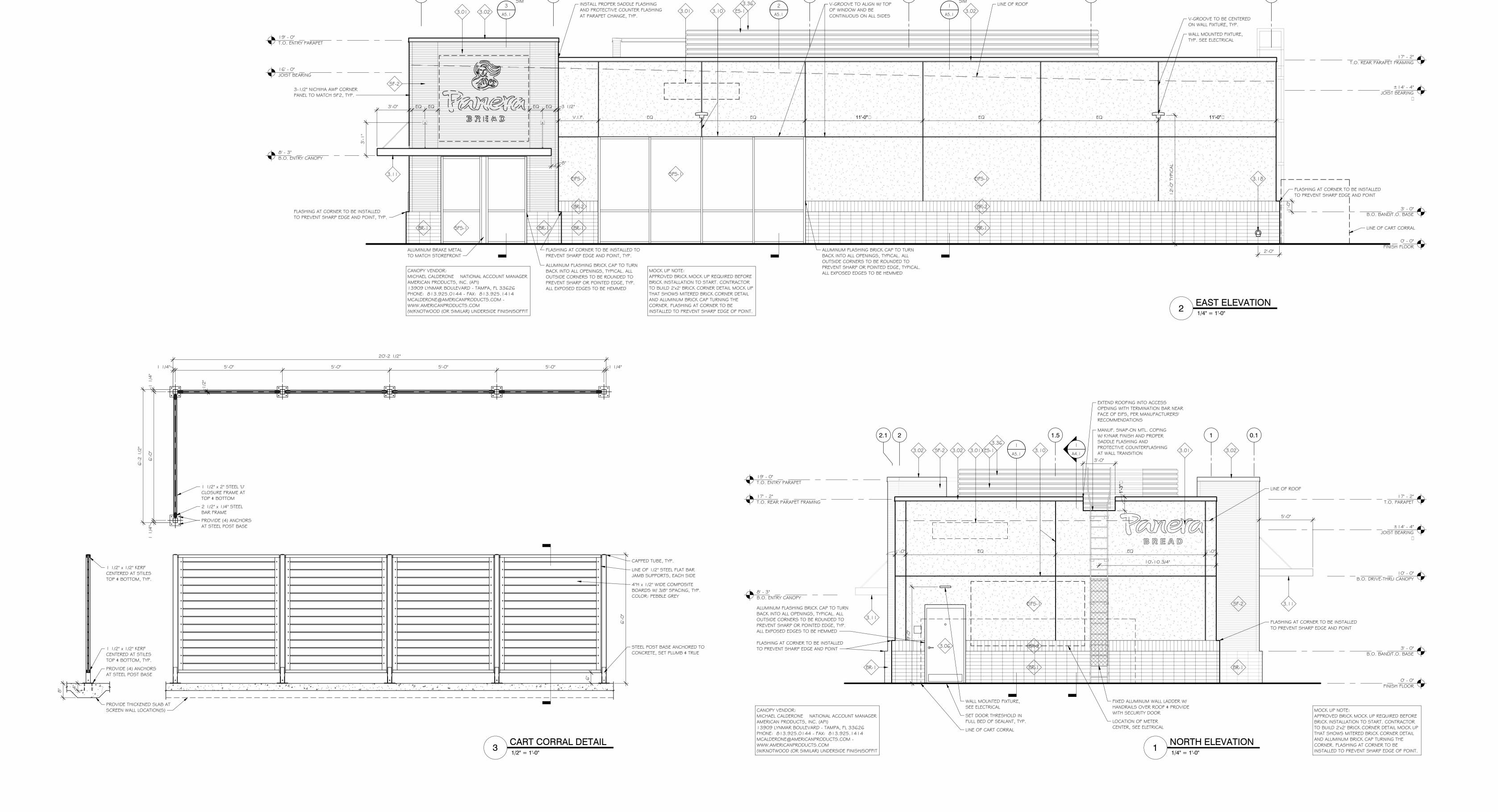




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REVISIONS:

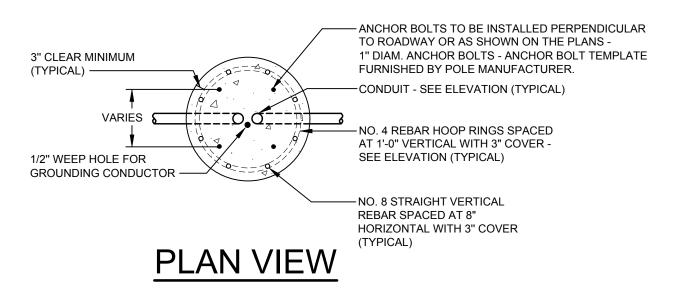
DATE: 10/04/2024

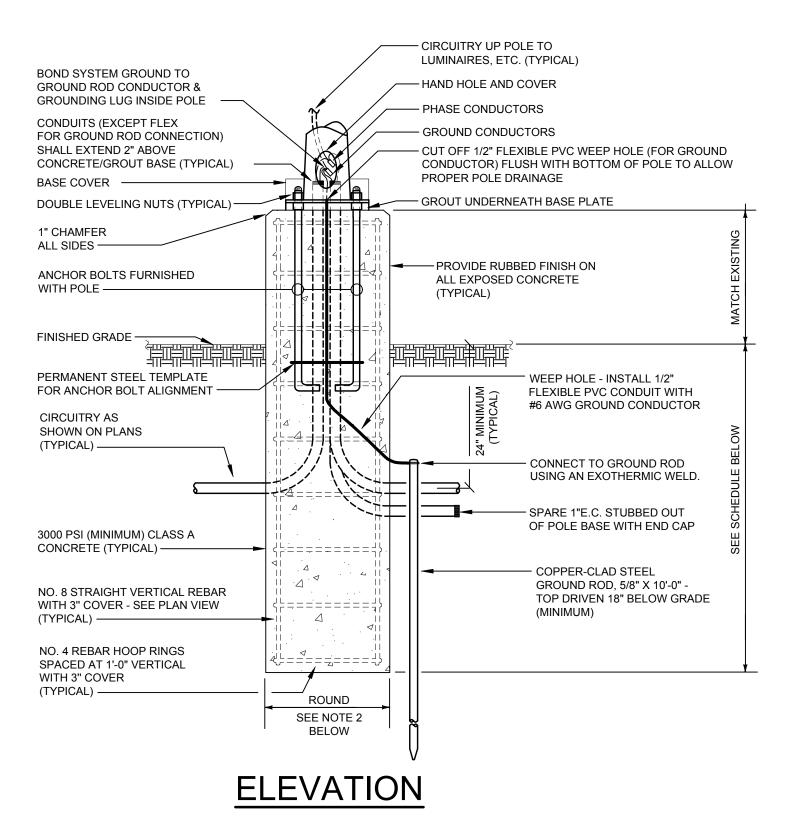
PROJECT NUMBER:

SHEET NAME: EXTERIOR ELEVATIONS AND DETAILS

SHEET NUMBER:

			FINISH LEGEND	1_
A3.2 4'-O"	1 1.5 A5.1 A5.1 A5.1 A5.1	14'-6 1/2"	FLOOR O - EXPOSED CONCRETE BASE O - NO BASE WALL O - GYPSUM BOARD BY TENANT CEILING O - CEILING BY TENANT	bDot Architecture, Inc. p: 205.458.8055 e: info@bdota.com 130 41st Street South, Suite 102 Birmingham, AL 35222
A3.1		2'-6 1/P	CONTRACTOR TO COORDINATE FINAL CART CORRAL LOCATION \$ REQUIREMENTS WITH TENANT LINE OF BRICK BASE, TYP. 2 A3.2	PRELIMINARY DRAWINGS NOT FOR CONSTRUCTION
16-10"	STEEL COLUMN, SEE STRUCTURAL LINE OF SLAB LEAVE OUT, SEE STRUCTURAL	STEEL COLUMN, SEE STRUCTURAL		© 2024 bDot Architecture, Inc. Drawings, design concepts, and written materials shall not be used or reproduced in whole or part in any form or format without prior written consent of bDot Architecture, Inc. All discrepancies in the construction drawings and / or specifications not brought to the architect's attention during the bid or pricing phase of the project shall become subject to the interpretation of the architect during the construction process and will not be grounds for a change order of any kind.
A5.1	STEEL COLUMN, SEE STRUCTURAL	STEEL COLUMN, SEE STRUCTURAL	E	
17-0" 50-8"	2'-O"		1	Ш
79-10"	STEEL COLUMN, SEE STRUCTURAL AREA OF SLAB LEAVE OUT TO BE COVERED W/	STEEL COLUMN, SEE STRUCTURAL	9-3" 0	A BREAD DING PACKAG V, ARKANSAS
(C)	TENANT 1 OOOO-EXP NOTE: ALL EMERGENCY LIGHTING AND EXIT SIGNS TO BE INCLUDED IN THE TENANT BUILD-OUT DRAWINGS	STEEL COLUMN, SEE STRUCTURAL	C.5 A5.1	PANER SHELL BUILD BRYANT
A5.2	STEEL COLUMN, SEE STRUCTURAL EXTINGUISHER AT LOCATION SPECIFIED BY TENANT AND/OR FIRE MARSHAL NOTE: SEE SIGN VENDOR DRAWINGS FOR FINAL LOCATIONS		23.11"	
LINE OF CANOPY ABOVE 1 1 1 1 1 1 1 1 1	SODA DISPENSER & ICE MACHINE LOCATED ALONG THIS WALL, CONTRACTOR TO COORDINATE PER TENANT PLANS TO PRE-PIPE DRAIN & SODA PVC FOR THIS EQUIPMENT PRIOR TO POURING OF FOOTING IN ORDER TO PREVENT CORE DRILLING OF FOOTING	STEEL COLUMN, SEE STRUCTURAL	A.5	REVISIONS:
A	SEE STRUCTURAL SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	LINE OF SLAB LEAVE OUT, SEE STRUCTURAL STEEL COLUMN, SEE STRUCTURAL	8 10 10 10 10 10 10 10 1	D A T E: 10/04/2024
3" 3'-9" 3" 4'-0" 0.1	±15"-10 1/2" 16'-1" 16'-9" 30'-3"	13'-6"	LINE OF CANOPY ABOVE	PROJECT NUMBER: 2421 SHEET NAME: FLOOR PLAN SHEET NUMBER:
		1/4" = 1'-0"		A1.1





DETAIL "E-LP1" EXPOSED LIGHT POLE BASE

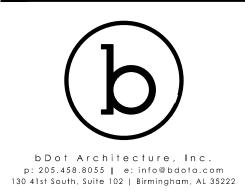
SCALE: NONE

ACCESSORIES INSTALLED.

	DETAIL NOTES
1	THIS CONTRACTOR SHALL CONFIRM SOIL CONDITIONS PRIOR TO BID OR INSTALLATION. IF SOIL CONDITIONS/TYPES ARE DIFFERENT THAN THE SPECIFIC TYPES INDICATED BELOW, OR THE POLE HEIGHTS ARE IN EXCESS OF THOSE LISTED BELOW, OR THE BASIC WIND SPEED FOR THE PROPOSED POLE LOCATION (PER ASCE 7 BASIC WIND SPEED MAPS) IS IN EXCESS OF 100MP, OR THE COMBINED E.P.A. OF ALL LUMINAIRES/ARMS/ACCESSORIES INSTALLED ON A POLE IS IN EXCESS OF 5.5 S.F., THE CONTRACTOR SHALL RETAIN A QUALIFIED STRUCTURAL ENGINEER (LICENCED IN THE STATE OF THE PROJECT) TO PROVIDE A PROJECT-SPECIFIC STRUCTURAL DESIGN FOR THE PROPOSED POLE BASE(S), AND SHALL INCLUDE ALL COSTS (FOR THE DESIGN AND THE REQUIRED POLE BASES) IN THE BID.
2	 MINIMUM POLE BASE DIAMETER SHALL BE THE GREATER OF THE FOLLOWING: A. ANCHOR BOLT CIRCLE DIAMETER PLUS 8" (TO PROVIDE MINIMUM 4" COVER OVER ALL ANCHOR BOLTS). B. 20" DIAMETER. C. DIAMETER AS REQUIRED BY SOIL CONDITIONS OR BY POLE SUPPLIER.
3	3. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES OR OBSTRUCTIONS TO AVOID CONFLICTS PRIOR TO INSTALLATION OF LIGHT POLE BASE(S).
4	I. POLE SHALL BE RATED TO WITHSTAND THE WIND SPEED SPECIFIED FOR THE SPECIFIC PROJECT SITE LOCATION PER LATEST VERSION OF ASCE 7 BASIC WIND SPEED MAPS OR APPLICABLE LOCAL BUILDING

CODE REQUIREMENTS (WHICHEVER IS MORE STRINGENT), WITH 1.3 GUST FACTOR WITH ALL LUMINAIRES &

POLE HEIGHT	MINI	BASE DIAMETER		
	CLAYEY SOILS (CL, ML, CH, MH)	SANDY SOILS (SW, SP, SM, SC, GM, GC)	GRAVELY SOILS (GW, GP)	
0 - 15 FT. 16 - 20 FT. 21 - 25 FT. 26 - 30 FT. 31 - 35 FT. 36 - 40 FT. 41 - 45 FT.	6'-0" 7'-0" 8'-0" 8'-6" 9'-0" 10'-0" 10'-6"	5'-0" 5'-6" 6'-0" 7'-0" 7'-6" 8'-0" 8'-6"	4'-6" 5'-0" 5'-6" 6'-6" 7'-0" 7'-6" 8'-0"	SEE NOTE 2 ABOVE
46 - 50 FT.	11'-0"	9'-0"	8'-6"	SEE NOTE 2 ABOVE



MARK MANUFACTURER CATALO		CATALOG	VOLTAGE		LAMPS		MOUNTING	MOUNTING	REMARKS
		NUMBER		WATTS	LUMENS	TYPE	HEIGHT	TYPE	
	COOPER	GLEON-SA6C-5MQ	120	333	44,441	LED	MOUNT 30	SQUARE	FSA, ME
Α						MATCH	STRAIGHT STEEL	POLE - MATCH	
						EXISTING	EXISTING - SEE	DETAIL "E-LP1"	
	LIGHTOLIER	FD-6R-4CCT-FD-6NCP	120	13.5	900	LED	CEILING	RECESSED	
С						3,000K		(CANOPY)	
	LIGHTOLIER	FD-6R-4CCT-FD-6NCP WITH	120	13.5	900	LED	CEILING	RECESSED	EM
CE		REMOTE 20W EMERGENCY				3,000K		(CANOPY)	
		INVERTER OR BATTERY PACK							
	LITHONIA	ARC1-LED-P2-E4WH	120	17	2,100	LED	ABOVE DOOR	OUTLET	EM, FSA
WE	OR EQUAL					MATCH		BOX	
						EXISTING			
	LITHONIA	DSXW1-LED-P4-T3M-HS	120	29	3,880	LED	12'-0" AF.F.	OUTLET	FSA
W2	OR EQUAL					MATCH		BOX	
						EXISTING			
	LITHONIA	DSXW1-LED-P4-T4M-HS	120	29	3,957	LED	12'-0" AF.F.	OUTLET	FSA
W3	OR EQUAL					MATCH		BOX	
						EXISTING			

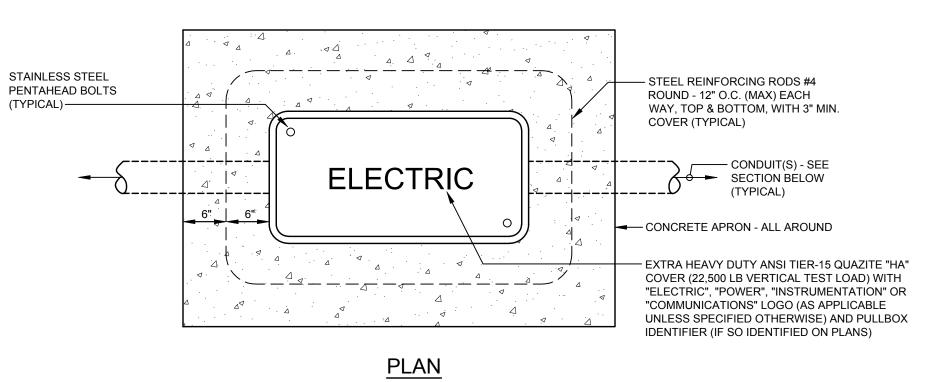
LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

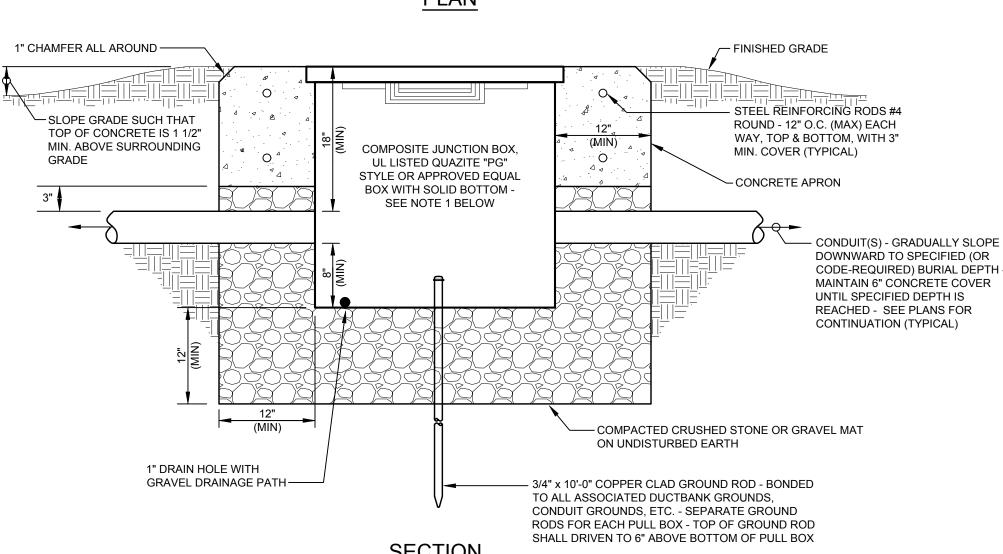
1. ALL FIXTURES AND BALLASTS/DRIVERS SHALL BE RATED FOR OPERATION IN AMBIENT TEMPERATURES UP TO 55 DEGREES CELSIUS.

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

EM EMERGENCY FIXTURE. PROVIDE REMOTE MOUNT EMERGENCY LIGHTING INVERTER OR BATTERY INSTALLED IN ACCESSIBLE LOCATION. PROVIDE FINISH AS SELECTED BY ARCHITECT.

INTENT IS TO MATCH EXISTING FIXTURE COLOR TEMPERATURE, OUTPUT, FINISH, POLE HEIGHT AND GENERAL APPEARANCE. FIELD-VERIFY SPECIFIED FIXTURES MATCH EXISTING OR VERIFY ACCEPTABLITY OF SELECTION WITH OWNER PRIOR TO ORDERING.





DETAIL "E-PBG2" BELOW-GRADE PULL BOX WITH CONCRETE APRON SCALE : NONE

	DETAIL NOTES
1.	MINIMUM PULL BOX INTERIOR DIMENSIONS SHALL BE 30"L X 17"W X 30"D OR AS REQUIRED TO ACCOMMODATE NUMBER OF CONDUITS AND WIRING. WHERE STACKED CONDUITS ENTER PULL BOX, ADJUST PULL BOX DEPTH AS REQUIRED TO PROVIDE THE SPECIFIED MINIMUM CLEARANCES. STACKED OR EXTENDED PULL BOXES ARE ACCEPTABLE (WHERE REQUIRED FOR INCREASED DEPTH)
2.	PROVIDE MINIMUM 3' SLACK CABLE LOOP FOR EACH CABLE WITHIN PULL BOX.
3.	COLOR CODE, TAG AND IDENTIFY ALL CABLES WITHIN PULL BOX.
4.	EACH BELOW-GRADE PULL BOX SHALL BE LOCATED IN AN AREA NOT NORMALLY SUBJECT TO VEHICULAR TRAFFIC. EXACT LOCATION OF EACH PULL BOX SHALL BE FIELD-COORDINATED BY CONTRACTOR WITH OTHER EQUIPMENT, PIPING, SITE CONDITIONS, ETC.

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REVISIONS:

DATE:

TIM COOKE, PE tim@jraee.com (D) 205.536.7107

(P) 205.995.1078

Renfro

(P) 205.995.1076

& ASSOCIATES, INC. JRA JOB NO. 224250

ELECTRICALENGINEERING & DESIGN

31 INVERNESS CENTER PKWY • SUITE 300 • BIRMINGHAM. AL • 35242

1/3/2025

PROJECT NUMBER: 2421

SHEET NAME: ELECTRICAL DETAILS AND SCHEDULES

SHEET NUMBER:

Architecture, Inc.

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PANERA BREAD Hell Building Package

SITE PHOTOMETRIC PLAN SCALE: 1" = 20'-0"

PHOTOMET	TRIC STATISTICS		
AVERAGE: 4.0 FC MAXIMUM: 9.2 FC MINIMUM 1.2 FC	MAX/MIN: 7.7:1 AVERAGE/MIN: 3.3:1		
APPLIES ONLY TO PARKING AREA, DRIVES AND LANDSCAPE AREA BETWEEN DRIVE AND BUILDING.			

REVISIONS:

DATE: 1/3/2025

2421

JACKSON,

RENFRO
(D) 205.536.7107
(P) 205.995.1078

& ASSOCIATES, INC.

ELECTRICALENGINEERING & DESIGN
31 INVERNESS CENTER PKWY • SUITE 300 • BIRMINGHAM, AL • 35242

PROJECT NUMBER:

SHEET NAME: SITE PHOTOMETRIC PLAN

厂1 1

SHEET NUMBER:

E1.1

Project	(Catalog #	Туре	
Prepared by		Notes	Date	



McGraw-Edison

GLEON Galleon

Area / Site Luminaire

Product Features





Interactive Menu

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 4
- Product Specifications page 4
- Energy and Performance Data page 4
- Control Options page 9

Product Certifications











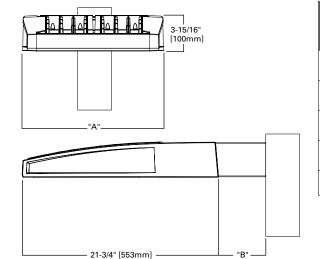
Quick Facts

- Lumen packages range from 4,200 80,800 (34W - 640W)
- Efficacy up to 156 LPW
- Options to meet Buy American and other domestic preference requirements

Connected Systems

- · WaveLinx PRO Wireless
- · WaveLinx LITE Wireless
- Enlighted

Dimensional Details



Number of Light Squares	"A" Width	"B" Standard Arm Length	"B" Extended Arm Length ¹	"B" QM Arm Length	"B" QML Length	"B" QMEA Length	
1-4	15-1/2"	7"	10"	10-5/8"		16-9/16"	
5-6	21-5/8"	7"	10"	10-5/8"		16-9/16"	
7-8	27-5/8"	7"	13"	10-5/8"	10-5/16"		
9-10	33-3/4"	7"	16"		10-5/16"		
NOTES: For arm selection requirements and additional line art, see Mounting Details section.							

1. Visit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified. 2. IDA Certified for 3000K CCT and warmer only.



McGraw-Edison GLEON Galleon

Ordering Information

SAMPLE NUMBER: GLEON-SA4C-740-U-T4FT-GM

Draduat Family 1.2	luct Family ^{1, 2} Light Engine Color Voltage Distribution Configuration Drive Current Temperature		Color	Voltogo	Distribution	Mounting Finish	
Froduct Fairing			Mounting	Fillisii			
BAA-GLEON=Galleon, SA2=2 Squares B:		A=600mA B=800mA C=1000mA D=1200mA ¹⁵	722=70CRI, 2200K 727=70CRI, 2700K 730=70CRI, 3000K 735=70CRI, 3500K 740=70CRI, 4000K 750=70CRI, 5000K 760=70CRI, 6000K 827=80CRI, 2700K 830=80CRI, 3000K AMB=Amber, 590nm 13.15	U=120-277V 1=120V 2=208V 3=240V 4=277V 8=480V.** 9=347V.7	T2=Type II T2R=Type II Roadway T3=Type III T3R=Type III Roadway T4FT=Type IIV Forward Throw T4W=Type IV Wide SNQ=Type V Square Medium SWQ=Type V Square Wide SL2=Type II w/Spill Control SL3=Type II w/Spill Control SL4=Type IV w/Spill Control SL4=Type IV w/Spill Control SL4=Type IV w/Spill Control SL4=Type III w/Spill Light Eliminator Left SLR=90° Spill Light Eliminator Right RW=Rectangular Wide Type I AFL=Automotive Frontline	[Blank]=Arm for Round or Square Pole EA=Extended Arm * MA=Mast Arm Adapter * WM=Wall Mount QM=Quick Mount Arm (Standard Length) * QMEA=Quick Mount Arm (Extended Length) * QML=Quick Mount Arm (Extended Length) * QML=Quick Mount Arm (Standard Length, Large) *	AP=Grey BZ=Bronze BK=Black DP=Dark Platinum GM=Graphite Metallic WH=White RALXX=Custom Color
Options (Add as Suffix)		Controls and	Systems Option	s (Add as Suffix)	Accessories (Order Separately)35
DIM=External 0-10V Dimi F=Single Fuse (120, 277 or FF=Double Fuse (208, 24 20K=Series 20kV UL 144 21=Two Circuits 16.17 HA-507 CHigh Ambient HSS=Installed House Sid GRSBK=Glare Reducing 1 LCF=Light Square Trim P MT=Installed Mesh Top TH=Tool-less Door Hardv CC=Coastal Construction 190=Optics Rotated 90° R90=Optics Rotated 90° CE=CE Marking 28 AHD145=After Hours Din AHD245=After Hours Din AHD245=After Hours Din AHD245=After Hours Din DALI=DALI Drivers	or 3 ⁴ 7V Specify Volta 0 or 480V Specify Vo 9 Surge Protective De le Shield ²⁷ Shield, Black ²² Shield, White ²² ainted to Match Hous vare 1 finish ³ Left Right n, 5 Hours ²¹ n, 7 Hours ²¹ n, 7 Hours ²¹	gge) PR-N ltage) PR7-I PR7-I SPB2 SPB4 MS-L-I MS/X MS/X MS/X MS/X MS/X MS/X MS/X MS/X	=Dimming Occupancy Sense 20=Motion Sensor for ON/OFI 00W=Motion Sensor for ON/OFI L20=Bi-Level Motion Sensor, L40W=Bi-Level Motion Sensor, M-L20=Motion Sensor for Di M-L40W=Motion Sensor for Di M-L40W=Motion Sensor for Di XX=WaveLinx LITE, SR Driver, ammable, 7' - 15' Mounting 3' XX=WaveLinx LITE, SR Driver, ammable, 15' - 40' Mounting 3' XX=WaveLinx LTE, SR Driver, 'Mounting 3' XX=WaveLinx LTE, SR Driver, 'Mounting 3' XX=WaveLinx PRO, SR Driver, 'Mounting 3'	peptacle 20 or with Bluetool or with Bluetool or with Bluetool 50 Operation, 9' - FF Operation, 9' - 20' Mounting, 21' - 40' Mour mming Operatio Dimming Motio Dimming Dimming Motio Dimming Motio Dimming Motio Dimming Motio Dimming Dimming Motio Dimming Motio Dimming Motio Dimming Motio Dimming D	1' - 40' Mounting Height ²³ g gheight ²³ . 24 y gheight ²³ . 24' n, 9' - 20' Mounting Height ²³ ion, 21' - 40' Mounting Height ²³ n and Daylight, Bluetooth n and Daylight, Bluetooth n and Daylight, WAC Programmable, n and Daylight, WAC Programmable, 25 tt ²⁵ tting) ¹⁸ unting) ¹⁸	OA/RA1013=Photocontrol Shorting Cap MA1252=10kV Surge Module Replacement MA1036-XX=Single Tenon Adapter for 2-3/8" O.D. Ti MA1037-XX=2@180" Tenon Adapter for 2-3/8" O.D. Ti MA1197-XX=3@120" Tenon Adapter for 2-3/8" O.D. Ti MA1197-XX=3@120" Tenon Adapter for 2-3/8" O.D. Ti MA1189-XX=2@90" Tenon Adapter for 2-3/8" O.D. Ti MA1190-XX=3@90" Tenon Adapter for 2-3/8" O.D. Ti MA1190-XX=2@120" Tenon Adapter for 2-3/8" O.D. Ti MA1191-XX=2@120" Tenon Adapter for 3-1/2" O.D. Ti MA1038-XX=3@120" Tenon Adapter for 3-1/2" O.D. Ti MA1193-XX=4@90" Tenon Adapter for 3-1/2" O.D. Ti MA1193-XX=4@90" Tenon Adapter for 3-1/2" O.D. Ti MA1193-XX=3@90" Tenon Adapter for 3-1/2" O.D. Ti MA1193-XX=3@90" Tenon Adapter for 3-1/2" O.D. Ti MA1194-XX=3@90" Tenon Adapter for 3-1/2" O.D. Ti MA1195-XX=3@90" Tenon Adapter for 3-1/2" O.D. Ti MA1196-XX=100 Miscladed Mesh Top for 1-4 Light GLEON-MT1=Field Installed Mesh Top for 7-8 Light GLEON-MT2=Field Installed Mesh Top for 9-10 Light GLEON-MT4=Field Installed Mesh Top for 9-10 Light GLEON-MT4=Field Installed Mesh Top for 9-10 Light GLEON-MT8=Field Installed Mesh Top for	Tenon Tenon Tenon enon enon enon Tenon Tenon Tenon Tenon Tenon Tenon enon

- Customer is responsible for engineering analysis to confirm pole and fixture compatibility for all applications. Refer to our white
- paper WP573001EN for additional support information.

 DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details.

 Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. Not exclude the work of the products of the produ

- Coastal construction finish salt spray tested to over 5,000-hours per ASTM B117, with a scribe rating of 9 per ASTM D1654. It available with HX)4-LXX or MS/1-LXX sensors.

 Not compatible with MX)4-LXX or MS/1-LXX sensors.
 Not compatible with extended quick mount arm (QMEA).
 Not compatible with standard quick mount arm (QM) or extended quick mount arm (QMEA).
 Requires the use of an internal step down transformer when combined with sensor options. Not available with sensor at 1200mA. Not available in combination with the HA high ambient and sensor options at 1A.
 480V must utilize Wye system only. Per NEC, not for use with ungrounded systems, impedance grounded systems or corner grounded systems (commonly known as Three Phase There Wire Delta, Three Phase High Leg Delta and Three Phase Corner Grounded Delta systems.)
- May be required when two or more luminaires are oriented on a 90° or 120° drilling pattern. Refer to arm mounting requirement table.

- table.

 Factory installed.

 Maximum 8 light squares.

 Maximum 6 light squares.

 Narrow-band 590nm +/- 5nm for wildlife and observatory use. Choose drive current A; supplied at 500mA drive current only.

 Available with 5W0, 5M0, SL2, SL3 and SL4 distributions. Can be used with HSS option.

 Set of 4 pcs. One set required per Light Square.

 Not available with A option.

 2 Lis not available with MS, MS/X or MS/DIM at 347V or 480V. 2L in SA2 through SA4 requires a larger housing, normally used for SA5 or SA6. Extended arm option may be required when mounting two or more fixtures per pole at 90° or 120°. Refer to arm mounting requirement table. mounting requirement table.
- 17. Not available with Enlighted wireless sensors.

- Not available with Enlighted wireless sensors.

 Cannot be used with other control options.
 Low voltage control lead brought out 18" outside fixture.
 Not available if any "MS" sensor is selected. Motion sensor has an integral photocell.
 Requires the use of BPC photocontrol or the PR7 or PR photocontrol receptacle with photocontrol accessory. See After Hours
 Dim supplemental guide for additional information.
 Not for use with T4FT, T4W or SL4 optics. See EIS files for details.
 The FSIR-100 configuration tool is required to adjust parameters including high and low modes, sensitivity, time delay, cutoff and more. Consult your lighting representative at Cooper Lighting Solutions for more information.
 Replace X with number of Light Squares operating in low output mode.
 Enlighted wireless sensors are factory installed only requiring network components LWP-EM-1, LWP-GW-1 and LWP-PoE8 in appropriate quantities.
- appropriate quantities.

 Not available with house side shield (HSS).
- Not for use with 5NQ, 5MQ, 5WQ or RW optics. A black trim plate is used when HSS is selected. CE is not available with the LWR, MS, MS/X, MS/DIM, BPC, PR or PR7 options. Available in 120-277V only.
- One required for each Light Square

- One required for each Light Square.
 Requires PR7.
 Replace XX with sensor color (WH, BZ or BK.)
 WAC Gateway required to enable field-configurability: Order WAC-PoE and WPOE-120 (10V to PoE injector) power supply if needed.
 Smart device with mobile application required to change system defaults. See controls section for details.
 Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DDMESTIC PREFERENCES website for more information. Components shipped separately may be calcaded to the compliant with the Consult factory for further information.
 For BAA or TAA requirements, Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.
- Consult factory for further information. 36. Available for 7 10 squares.



McGraw-Edison GLEON Galleon

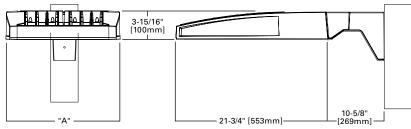
Mounting Details

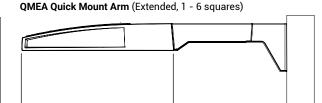
Quick Mount Arm QM and QMEA Pole Mount (1 - 8 squares) QML Pole Mount (7 - 10 squares) Standard Arm (Drilling Pattern) (Includes fixture adapter) TYPE "N" 3/4" [19mm] Diameter Hole 1-1/4" [32mm] 1-7/16" [34mm] 4-7/8" [124mm] [51mm] 4-7/8" 6-15/16" [177mm] [124mm] 7-1/8" [[] [180mm] 1-3/4" [44mm] 7/8" [22mm] 4" [102mm] 9/16" -(2) 9/16" [14mm] Diameter Holes [15mm] Dia. Hole 5-11/16" [144mm]

4-15/16"

3-3/4"

QM Quick Mount Arm (Standard, 1-8 squares)



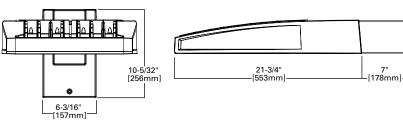


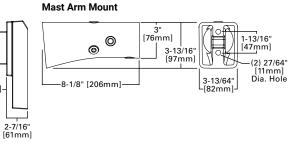
—9-16" [15mm] Dia. Hole

[76mm]

16-9/16" [421mm]

Standard Wall Mount

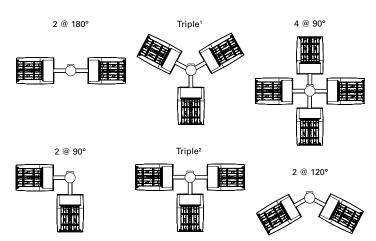




-21-3/4" [553mm]-

Arm Mounting Requirements

Number of Light Squares	Standard Arm @ 90° Apart	Standard Arm @ 120° Apart	Quick Mount Arm @ 90° Apart	Quick Mount Arm @ 120° Apart
1	Standard	Standard	QM Extended	Quick Mount
2	Standard	Standard	QM Extended	Quick Mount
3	Standard	Standard	QM Extended	Quick Mount
4	Standard	Standard	QM Extended	Quick Mount
5	Extended	Standard	QM Extended	Quick Mount
6	Extended	Standard	QM Extended	Quick Mount
7	Extended	Extended		Quick Mount
8	Extended	Extended		Quick Mount
9	Extended	Extended		
10	Extended	Extended		



NOTES: 1 Round poles are 3 @ 120°. Square poles are 3 @ 90°. 2 Round poles are 3 @ 90°

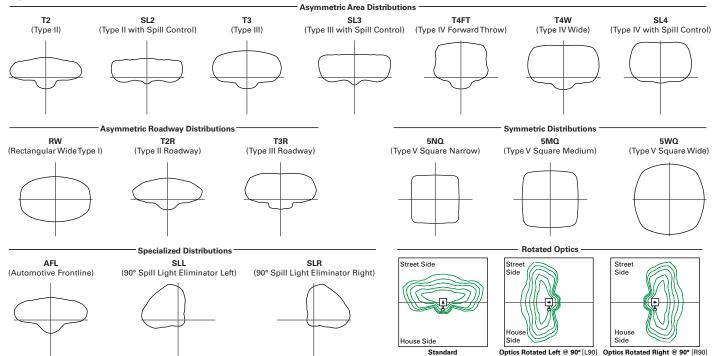
Fixture Weights and EPAs

Number of Light Squares	Weight with Standard and Extended Arm (lbs.)	EPA with Standard and Extended Arm (Sq. Ft.)	Weight with QM Arm (lbs.)	EPA with QM Arm (Sq. Ft.)	Weight with QML (lbs.)	EPA with QML (Sq. Ft.)	Weight with QMEA (lbs.)	EPA with QMEA (Sq. Ft.)
1-4	33	0.96	35	1.11			38	1.11
5-6	44	1.00	46	1.11			49	1.11
7-8	54	1.07	56	1.11	58	1.11		
9-10	63	1.12			67	1.11		



McGraw-Edison GLEON Galleon

Optical Distributions



Product Specifications

Construction

- Extruded aluminum driver enclosure
- Heavy-wall, die-cast aluminum end caps
- Die-cast aluminum heat sinks
- Patent pending interlocking housing and heat sink

- Patented, high-efficiency injection-molded AccuLED Optics technology
- 16 optical distributions
- 3 shielding options including HSS, GRS and PFS
- IDA Certified (3000K CCT and warmer only)

- LED drivers are mounted to removable tray assembly for ease of maintenance
- Standard with 0-10V dimming
- Standard with Cooper Lighting Solutions

proprietary circuit module designed to withstand 10kV of transient line surge

Suitable for operation in -40°C to 40°C ambient environments. Optional 50°C high ambient (HA) configuration.

Mounting

- Standard extruded arm includes internal bolt guides and round pole adapter
- Extended arms (EA and QMEA) may be required in 90° or 120° pole mount configurations, see arm mounting requirements table
- Mast arm (MA) factory installed
- Wall mount (WM) option available
- Quick mount arm (QM and QMEA) includes pole adapter and factory installed fixture mount for fast installation to square or round poles

- Super housing durable TGIC polyester powder coat paint, 2.5 mil nominal thickness
- Heat sink is powder coated black
- RAL and custom color matches available
- Coastal Construction (CC) option available

Five year limited warranty, consult website for details. www.cooperlighting.com/legal

Energy and Performance Data

Lumen Maintenance (TM-21)

Drive Current	Ambient Temperature	25,000 hours*	50,000 hours*	60,000 hours*	100,000 hours**	Theoretical L70 hours**
	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
Up to 1A	40°C	98.7%	98.3%	98.1%	97.4%	> 1.9M
	50°C	98.2%	97.2%	96.8%	95.2%	> 851,000
1.04	25°C	99.4%	99.0%	98.9%	98.3%	> 2.4M
1.2A	40°C	98.5%	97.9%	97.7%	96.7%	> 1.3M

Lumen Multiplier

Ambient Temperature	Lumen Multiplier
0°C	1.02
10°C	1.01
25°C	1.00
40°C	0.99
50°C	0.97





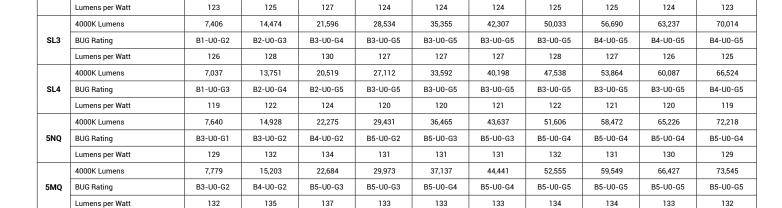
^{*} Supported by IES TM-21 standards
** Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, explaining proper use of IES TM-21 and LM-80

GLEON Galleon

	Nomina	ominal Power Lumens (1.2A)										
		, ,	1	2	3	4	5	6	7	8	9	10
	Nomina	l Power (Watts)	67	129	191	258	320	382	448	511	575	640
Pept Comment 2 APV(A)			0.58				2.94	3.56		4.71	5.34	5.87
Proof Commet 8 2797 (A)	Input Cu	urrent @ 208V (A)	0.33	0.63	0.93	1.27	1.57	1.87	2.22	2.52	2.8	3.14
	Input Cu	urrent @ 240V (A)	0.29	0.55	0.80	1.10	1.35	1.61	1.93	2.18	2.41	2.71
Property Communic State	Input Cu	urrent @ 277V (A)	0.25	0.48	0.70	0.96	1.18	1.39	1.69	1.90	2.09	2.36
Control Cont	Input Cu	urrent @ 347V (A)	0.20	0.39	0.57	0.78	0.96	1.15	1.36	1.54	1.72	1.92
March Marc	Input Cu	urrent @ 480V (A)	0.15	0.30	0.43	0.60	0.73	0.85	1.03	1.16	1.28	1.45
Table Part	Optics											
Lumers per Watt 115 121 122 119 115 119 116 117		4000K Lumens	7,972	15,580	23,245	30,714	38,056	45,541	53,857	61,024	68,072	75,366
### MILES NAME 16,539 74,480 32,600 40,401 48,344 57,776 64,783 72,786 80,016 ### MILES NAME MILES N	T2	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
Table		Lumens per Watt	119	121	122	119	119	119	120	119	118	118
Lumens per Watt 176 178 179 176 176 176 176 177 178 177 178 175		4000K Lumens	8,462	16,539	24,680	32,609	40,401	48,348	57,176	64,783	72,266	80,010
March Marc	T2R	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
Total Sub-Rating St-Up-G2 St-Up-G3 R3-Up-G4 R3-Up-G5 R4-Up-G5		Lumens per Watt	126	128	129	126	126	127	128	127	126	125
Lumens per Watt		4000K Lumens	8,125	15,879	23,693	31,307	38,787	46,417	54,893	62,197	69,381	76,818
178R 200 Rating	Т3	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
Type		Lumens per Watt	121	123	124	121	121	122	123	122	121	120
Lumens per Watt 124 126 127 124 124 124 125 124 123 123 123		4000K Lumens	8,306	16,232	24,220	32,001	39,651	47,447	56,114	63,580	70,924	78,523
### A0DOK Lumens	T3R	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
Table Tabl		Lumens per Watt	124	126	127	124	124	124	125	124	123	123
Lumens per Watt 122 124 125 122 122 122 123 122 121 121 121 121 124 125 125 125 125 125 125 125 121 121 121 124 125		4000K Lumens	8,173	15,970	23,831	31,488	39,014	46,686	55,212	62,558	69,783	77,261
Model	T4FT	BUG Rating	B1-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
Table Bull Rating B2-U0-G2 B3-U0-G3 B3-U0-G4 B3-U0-G5 B4-U0-G5		Lumens per Watt	122	124	125	122	122	122	123	122	121	121
Lumens per Watt 120 122 123 120 120 120 121 121 122 121 120 119 4000K Lumens 7988 15,552 23,206 30,662 37,899 48,462 53,763 60,920 67,952 75,235 83,10-65 B4-10-65 B		4000K Lumens	8,067	15,764	23,522	31,080	38,510	46,082	54,499	61,751	68,881	76,263
SL2 House	T4W	BUG Rating	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B5-U0-G5
SL2 BUG Rating B2-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B		Lumens per Watt	120	122	123	120	120	121	122	121	120	119
Lumens per Watt 119 121 121 119 119 119 119 119 120 119 118 118 118 8L3 A000K Lumens 8,124 15,877 23,690 31,302 38,784 46,410 54,885 62,189 69,372 76,805 84-U0-G5 8		4000K Lumens	7,958	15,552	23,206	30,662	37,989	45,462	53,763	60,920	67,952	75,235
A000K Lumens 8,124 15,877 23,690 31,302 38,784 46,410 54,885 62,189 69,372 76,805	SL2	BUG Rating	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
BUG Rating		Lumens per Watt	119	121	121	119	119	119	120	119	118	118
Lumens per Watt 121 123 124 121 121 121 123 122 121 120		4000K Lumens	8,124	15,877	23,690	31,302	38,784	46,410	54,885	62,189	69,372	76,805
Mathematical Process of Series Mathematical Process of Series Mathematical Process	SL3	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5
SL4 BUG Rating B1-U0-G3 B2-U0-G4 B2-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G2 B4-U0-G3 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G5 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G3 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 B		Lumens per Watt	121	123	124	121	121	121	123	122	121	120
Lumens per Watt 115 117 118 115 115 115 116 116 116 115 114		4000K Lumens	7,719	15,085	22,510		36,850	44,097		59,089		72,977
Mathematical Process	SL4	BUG Rating	B1-U0-G3	B2-U0-G4	B2-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
Bug Rating Ba-Uo-G1 Ba-Uo-G2 Ba-Uo-G2 Ba-Uo-G2 Ba-Uo-G3 Ba-Uo-G3 Ba-Uo-G4 Ba-Uo-G5 Ba-Uo-G		Lumens per Watt	115	117	118	115	115	115	116	116	115	114
Lumens per Watt 125 127 128 125 125 125 126 126 126 126 124 124 4000K Lumens Per Watt 126 127 128 125 125 125 126 126 126 126 124 124 4000K Lumens per Watt 128 130 131 128 128 128 129 128 127 126 BUG Rating B3-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3												
5MQ 4000K Lumens 8,534 16,676 24,885 32,881 40,739 48,752 57,653 65,326 72,868 80,679 5MQ BUG Rating B3-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G5 B	5NQ	-										
SMQ BUG Rating B3-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G3 B		-										
Lumens per Watt 127 129 130 127 127 128 129 128 127 126 4000K Lumens 8,556 16,723 24,951 32,968 40,847 48,881 57,808 65,499 73,063 80,894 5WQ BUG Rating B3-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B												
## A000K Lumens	5MQ	-										
SWQ BUG Rating B3-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 <t< th=""><th></th><th>•</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>		•										
Lumens per Watt 128 130 131 128 128 128 129 128 127 126 SLL/SLR SLR/SLR 4000K Lumens 7,140 13,951 20,817 27,506 34,081 40,783 48,231 54,649 60,959 67,492 SLL/SLR BUG Rating B1-U0-G3 B2-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G4	- FWO											
SLL/SLR 4000K Lumens 7,140 13,951 20,817 27,506 34,081 40,783 48,231 54,649 60,959 67,492 SLL/SLR BUG Rating B1-U0-G3 B2-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4	SWQ	-										
SLL/SLR BUG Rating B1-U0-G3 B2-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4												
Lumens per Watt 107 108 109 107 107 107 108 107 106 105 RW BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G5 B5-U0-G5 Lumens per Watt 124 126 127 124 124 124 125 124 123 123 AFL BUG Rating B1-U0-G1 B2-U0-G2 B3-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U0-G4 B4-U0-G5 B4-U0-G4 B4-U	SLL/											
RW 8,304 16,228 24,215 31,994 39,641 47,437 56,100 63,566 70,907 78,504 BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G5 B3-U0-G3 B3-U0-G3 B3-U0-G3 B3-U0-G4 B4-U0-G4 B	SLR											
RW BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G5 B5-U0-G5 <th< th=""><th></th><th>•</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>		•										
Lumens per Watt 124 126 127 124 124 124 125 124 123 123 123 124 124 125 124 123 123 123 123 123 123 123 123 123 123	RW											
AFL 8,335 16,287 24,302 32,110 39,784 47,610 56,303 63,796 71,163 78,790 BUG Rating B1-U0-G1 B2-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G3 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 Lumens per Watt 124 126 127 124 124 125 126 125 124 123		-										
AFL BUG Rating B1-U0-G1 B2-U0-G2 B3-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G3 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G4 B4-U0-G5 Lumens per Watt 124 126 127 124 124 125 126 125 124 123		•										
Lumens per Watt 124 126 127 124 124 125 126 125 124 123	ΔFI											
	7.1.	_										
	* Nominal	<u> </u>										



lomin	al Power Lumens (1A)									mental Perfor	mance Guid
Numbe	r of Light Squares	1	2	3	4	5	6	7	8	9	10
Nomina	l Power (Watts)	59	113	166	225	279	333	391	445	501	558
Input C	urrent @ 120V (A)	0.51	1.02	1.53	2.03	2.55	3.06	3.56	4.08	4.60	5.07
Input C	urrent @ 208V (A)	0.29	0.56	0.82	1.11	1.37	1.64	1.93	2.19	2.46	2.75
Input C	urrent @ 240V (A)	0.26	0.48	0.71	0.96	1.19	0.41	1.67	1.89	2.12	2.39
Input C	urrent @ 277V (A)	0.23	0.42	0.61	0.83	1.03	1.23	1.45	1.65	1.84	2.09
Input C	urrent @ 347V (A)	0.17	0.32	0.50	0.64	0.82	1.00	1.14	1.32	1.50	1.68
Input C	urrent @ 480V (A)	0.14	0.24	0.37	0.48	0.61	0.75	0.91	0.99	1.12	1.28
Optics											
	4000K Lumens	7,267	14,201	21,190	28,000	34,692	41,515	49,096	55,627	62,053	68,703
T2	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G
	Lumens per Watt	123	126	128	124	124	125	126	125	124	123
	4000K Lumens	7,715	15,077	22,497	29,725	36,829	44,073	52,122	59,056	65,876	72,937
T2R	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G
	Lumens per Watt	131	133	136	132	132	132	133	133	131	131
	4000K Lumens	7,408	14,475	21,598	28,539	35,358	42,313	50,039	56,698	63,246	70,024
ТЗ	BUG Rating	B1-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G
	Lumens per Watt	126	128	130	127	127	127	128	127	126	125
	4000K Lumens	7,571	14,798	22,078	29,172	36,145	43,253	51,153	57,959	64,653	71,581
T3R	BUG Rating	B1-U0-G2	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G5	B4-U0-G
	Lumens per Watt	128	131	133	130	130	130	131	130	129	128
	4000K Lumens	7,451	14,559	21,725	28,703	35,564	42,558	50,330	57,027	63,613	70,430



30.052

B5-U0-G4

134

25,075

B3-U0-G5

111

29,165

B5-U0-G3

130

29,272

B3-U0-G3

130

B3-U0-G5

128

28,333

B3-U0-G4

126

27,951

B3-U0-G5

B3-U0-G5

127

35,105

B3-U0-G5

126

34,631

B3-U0-G5

37,236

B5-U0-G4

133

31,067

B3-U0-G5

111

36,137

B5-U0-G3

130

36,267

B3-U0-G3

130

B3-U0-G5

128

42,007

B4-U0-G5

126

41,443

B4-U0-G5

44.560

B5-U0-G5

134

37,176

B3-U0-G5

112

43,243

B5-U0-G4

130

43,400

B3-U0-G3

130

B4-U0-G5

129

49,681

B4-U0-G5

127

49,011

B4-U0-G5

52.697

B5-U0-G5

135

43,967

B3-U0-G5

112

51,140

B5-U0-G4

131

51,326

B4-U0-G4

131

B4-U0-G5

128

56,291

B4-U0-G5

126

55,533

B4-U0-G5

59,708

B5-U0-G5

134

49,817

B3-U0-G5

112

57,945

B5-U0-G4

130

58,156

B4-U0-G4

131

B4-U0-G5

127

62,792

B4-U0-G5

125

61,944

B4-U0-G5

66.603

B5-U0-G5

133

55,569

B4-U0-G5

111

64,637

B5-U0-G4

129

64,872

B4-U0-G4

129

B4-U0-G5

126

69,521

B4-U0-G5

125

68,584

B4-U0-G5

73.742

B5-U0-G5

132

61,525

B4-U0-G5

110

71,564

B5-U0-G5

128

71,824

B4-U0-G4

129

* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide



4000K Lumens

Lumens per Watt

BUG Rating

BUG Rating

BUG Rating

SLL/

SLR

RW

AFL

BUG Rating

T4FT

T4W

SL2

BUG Rating

BUG Rating

BUG Rating

Lumens per Watt

4000K Lumens

Lumens per Watt 4000K Lumens B1-U0-G2

126

7,354

B1-U0-G2

125

7,254

B1-U0-G2

7.800

B3-U0-G2

132

6,510

B1-U0-G2

110

7,570

B3-U0-G1

128

7,598

B1-U0-G1

129

B2-U0-G3

129

14,371

B2-U0-G3

127

14,178

B2-U0-G3

15.243

B4-U0-G2

135

12,719

B2-U0-G3

113

14,793

B4-U0-G2

131

14,847

B2-U0-G2

131

B3-U0-G4

131

21,442

B3-U0-G4

129

21,155

B3-U0-G4

22,744

B5-U0-G3

137

18,977

B2-U0-G4

114

22,073

B4-U0-G2

133

22,154

B3-U0-G2

133

Nominal	Power	Lumens	(800mA)

Number of Light Squares 9 6 8 10 **Nominal Power (Watts)** 44 85 124 171 210 249 295 334 374 419 Input Current @ 120V (A) 0.39 0.77 1.13 1.54 1.90 2.26 2.67 3.03 3.39 3.80 1.06 Input Current @ 208V (A) 0.44 0.62 0.88 1.24 1.50 1.68 1.87 2.12 0.22 0.54 Input Current @ 240V (A) 0.19 0.38 0.76 0.92 1.08 1.30 1.46 1.62 1.84 Input Current @ 277V (A) 0.17 0.36 0.47 0.72 0.83 0.95 1.19 1.31 1 42 1 67 Input Current @ 347V (A) 0.15 0.24 0.38 0.49 0.63 0.77 0.87 1.01 1.15 1.52 0.11 0.29 0.37 0.48 0.59 0.77 0.88 0.96 Input Current @ 480V (A) 0.18 0.66 4000K Lumens 5.871 11.474 17.121 22.622 28.029 33 542 39 667 44 944 50.134 55 508 B3-U0-G4 B4-U0-G5 **T2** BUG Rating B1-U0-G2 B2-U0-G2 B2-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B4-U0-G5 Lumens per Watt 133 135 138 132 133 135 134 135 134 132 4000K Lumens 6 2 3 3 12.181 18.176 24 016 29 756 35 608 42 111 47 714 53 224 58 929 B3-U0-G3 B3-U0-G4 B3-U0-G5 B1-U0-G1 B2-U0-G2 B2-U0-G2 B3-U0-G3 B3-U0-G4 B3-U0-G4 B4-U0-G5 T2R **BUG Rating** Lumens per Watt 142 143 147 140 142 143 143 143 142 141 4000K Lumens 5 986 11695 17 450 23 057 28 568 34 186 40 430 45 809 51 099 56 576 B1-U0-G2 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G5 B4-U0-G5 B4-U0-G5 B4-U0-G5 Т3 **BUG Rating** B2-U0-G2 136 138 141 135 136 137 137 137 137 135 Lumens per Watt 4000K Lumens 6.117 11.955 17.838 23.569 29.203 34.946 41.328 46.827 52.235 57.832 T3R **BUG Rating** B1-U0-G2 B2-U0-G2 B2-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G5 Lumens per Watt 139 141 144 138 139 140 140 140 140 138 4000K Lumens 11.763 17.551 23.190 28.734 34.384 46.074 51.396 6.019 40.663 56.904 **BUG Rating** B1-U0-G2 B2-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G5 B4-U0-G5 Lumens per Watt 137 138 142 136 137 138 138 138 137 136 4000K Lumens 5.942 11.610 17.324 22.891 28.363 33,940 45,480 50.732 40.138 56.169 B3-U0-G3 B3-U0-G4 B3-U0-G4 B4-U0-G5 B4-U0-G5 B4-U0-G5 B4-U0-G5 **BUG Rating** B1-U0-G2 B2-U0-G2 B3-U0-G5 Lumens per Watt 135 137 140 134 135 136 136 136 136 134 22,583 27,980 55,411 4000K Lumens 5.862 11.454 17.091 33.484 39.598 44.867 50.048 **BUG Rating** B1-U0-G2 B2-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B4-U0-G5 B4-U0-G5 B4-U0-G5 B4-U0-G5 SL2 133 134 132 Lumens per Watt 133 135 138 132 134 134 134 4000K Lumens 5,985 11,694 17,447 23,053 28.565 34.182 40.424 45.804 51,092 56.568 SL3 **BUG Rating** B1-U0-G2 B2-U0-G3 B2-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B4-U0-G5 Lumens per Watt 136 138 141 135 136 137 137 137 135 137 4000K Lumens 5.685 11.111 16.577 21.905 27.140 32.478 38,409 43.520 48.546 53.748 SL4 BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G4 B2-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 129 131 134 128 129 130 130 130 128 Lumens per Watt 130 23,778 35,256 47,242 58,347 4000K Lumens 6.172 12.061 17.997 29,462 41.694 52.699 B2-U0-G1 B3-U0-G1 B4-U0-G2 B5-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 5NO BUG Rating B4-U0-G2 140 142 145 139 140 142 141 141 141 139 Lumens per Watt 6,285 12,283 18,328 24,217 30,004 35,907 42,462 48,112 53,669 59,421 4000K Lumens B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G5 B5-U0-G5 **5MO BUG Rating** B5-U0-G4 143 145 148 142 143 144 144 144 144 142 Lumens per Watt 4000K Lumens 6,303 12,317 18,377 24,281 30,085 36.001 42.575 48.241 53.812 59.579 B5-U0-G4 B5-U0-G5 BUG Rating B3-U0-G1 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G5 B5-U0-G5 B5-U0-G5 **5WO** 143 145 148 142 143 145 144 144 142 Lumens per Watt 4000K Lumens 5.260 10,276 15.332 20,259 25,101 30.037 35.522 40.249 44.898 49.708

Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide

B1-U0-G2

120

6,116

B3-U0-G1

139

6.139

B1-U0-G1

140

B2-U0-G3

121

11.952

B3-U0-G2

141

11.996

B2-U0-G2

141

B2-U0-G4

124

17.834

B4-U0-G2

144

17.899

B2-U0-G2

144

B3-U0-G4

118

23.563

B4-U0-G2

138

23.650

B3-U0-G2

138

B3-U0-G5

120

29.196

B5-U0-G3

139

29.302

B3-U0-G3

140

B3-U0-G5

121

34.938

B5-U0-G3

140

35.064

B3-U0-G3

141

B3-U0-G5

120

41.317

B5-U0-G3

140

41.468

B3-U0-G3

141

B3-U0-G5

121

46.817

B5-U0-G4

140

46.987

B3-U0-G3

141

B3-U0-G5

120

52.224

B5-U0-G4

140

52.412

B4-U0-G4

140



BUG Rating

Lumens per Watt

4000K Lumens

Lumens per Watt

4000K Lumens

BUG Rating Lumens per Watt

BUG Rating

SLR

RW

AFL

B3-U0-G5

119

57.819

B5-U0-G4

138

58.030

B4-U0-G4

138

Nominal	Power	Lumens	(600mA)

Lumens per Watt	1401111116	ii Power Lumens (600mA)	'							y outbice	Heillai Felloli	nanoc Garac
Injust Current @ 120Y (A)	Number	of Light Squares	1	2	3	4	5	6	7	8	9	10
Injust Current @ 200Y (A)	Nomina	Power (Watts)	34	66	96	129	162	193	226	257	290	323
Injust Current @ 200Y (A)	Input Cu	ırrent @ 120V (A)	0.30	0.58	0.86	1.16	1.44	1.73	2.03	2.33	2.59	2.89
Injust Current @ 240V (A)											1.48	1.63
Injust Current @ 277V (A)											1.30	1.43
Injust Current @ 347V (A)											1.22	1.33
											0.90	0.99
Contics											0.90	0.33
172 BUG Rating		irrent @ 480V (A)	0.06	0.15	0.24	0.30	0.36	0.46	0.55	0.59	0.71	0.77
TO Fig. The part Total	Optics											
Lumens per Watt ADDIC Lumens BI LUD G2 BI LUM G3 BI LUD G4 BI LUM G4 ADDIC Lumens BI LUD G2 BI LUM G4 BI LUM G4 ADDIC Lumens BI LUD G4 BI LUM G4 BI LUM G4 ADDIC Lumens ADDIC Lumen											40,884	45,265
1728 BUG Flating	T2	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5
T2R		Lumens per Watt	141	142	145	143	141	142	143	143	141	140
Lumens per Watt 150		4000K Lumens	5,083	9,934	14,822	19,585	24,266	29,038	34,341	38,911	43,404	48,055
Model Lumens	T2R	BUG Rating	B1-U0-G1	B1-U0-G2	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5
T3 BUG Rating		Lumens per Watt	150	151	154	152	150	150	152	151	150	149
Lumens per Watt 144		4000K Lumens	4,880	9,537	14,231	18,803	23,296	27,878	32,970	37,358	41,671	46,137
	Т3	BUG Rating	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5
T3R BUG Rating		Lumens per Watt	144	145	148	146	144	144	146	145	144	143
Lumens per Watt 147 148 152 149 147 148 149 149 149 147 148 149 149 149 4000K Lumens		4000K Lumens	4,988	9,749	14,547	19,220	23,814	28,497	33,703	38,188	42,598	47,162
### TAPP ### TAPP ### BUG Rating	T3R	BUG Rating	B1-U0-G2	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
T4FT BUG Rating		Lumens per Watt	147	148	152	149	147	148	149	149	147	146
Lumens per Watt		4000K Lumens	4,909	9,591	14,312	18,911	23,432	28,040	33,161	37,574	41,913	46,404
Mathematical Process of the Content of the Conten	T4FT	BUG Rating	B1-U0-G2	B2-U0-G3	B2-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B4-U0-G5
Bug Rating		Lumens per Watt	144	145	149	147	145	145	147	146	145	144
Lumens per Watt 143 143 147 145 143 143 145 144 144 145 145 143 145 144 145		4000K Lumens	4,845	9,468	14,128	18,668	23,130	27,678	32,732	37,088	41,371	45,805
Mathematical Process of State	T4W	BUG Rating	B1-U0-G2	B2-U0-G2	B2-U0-G3	B3-U0-G3	B3-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B4-U0-G5	B4-U0-G5
Mathematical Process of Services State Services											143	142
SL2 BUG Rating								27.305			40,813	45,188
Lumens per Watt 141 142 145 143 141 141 143 142 145 143 141 141 143 142 145 143 141 141 143 142 145	SI 2				·	·					B4-U0-G5	B4-U0-G5
Mathematical Process of State	522	-									141	140
SL3 BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U0-G3 B											41,666	46,130
Lumens per Watt 144 144 148 146 144 144 144 146 145 145 146 146 145 146 146 145 146 146 145 146 146 145 146 146 146 145 146 146 146 146 146 146 146 146 146 146	SI 3										B3-U0-G5	B3-U0-G5
SLA A000K Lumens	020	-									144	143
SLA BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G4 B2-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G1 B3-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G4 B3-U0-G1 B3-U0-G2 B4-U0-G2 B4-U0-G2 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G2 B3-U0-G2 B3-U0-G2 B3-U0-G2 B3-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G4 B3-U0-G4 B3-U0-G2 B3-U0-G2 B3-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G4 B3-U0-G5 B3-U0-G3 B											39,589	43,831
Lumens per Watt 136 137 141 138 137 137 139 138 4000K Lumens 5,033 9,835 14,676 19,392 24,026 28,751 34,002 38,526 5NQ BUG Rating B2-U0-G1 B3-U0-G1 B3-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G4 B5-U0-G4 B4-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U0-G3 B3-U0-G5 B3-U	61.4										B3-U0-G5	B3-U0-G5
\$4000K \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	3L4	3									137	136
SNQ BUG Rating B2-U0-G1 B3-U0-G1 B3-U0-G2 B4-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G5 B5-U0-G5 B5-U0-G5 B3-U0-G5 B		·										
Lumens per Watt 148 149 153 150 148 149 150 150 MQ 4000K Lumens 5,126 10,015 14,946 19,747 24,468 29,281 34,628 39,236 5MQ BUG Rating B3-U0-G1 B3-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 Lumens per Watt 151 152 156 153 151 152 153 153 SWQ 4000K Lumens 5,139 10,043 14,985 19,801 24,533 29,359 34,721 39,339 5WQ BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G4<	FNO										42,975 B5-U0-G3	47,581 B5-U0-G3
5MQ 4000K Lumens 5,126 10,015 14,946 19,747 24,468 29,281 34,628 39,236 5MQ BUG Rating B3-U0-G1 B3-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 Lumens per Watt 151 152 156 153 151 152 153 153 5WQ BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 Lumens per Watt 151 152 156 153 151 152 153 153 SLL/SLR BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5 B3-U0-G5	DNQ	-										
5MQ BUG Rating B3-U0-G1 B3-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 Lumens per Watt 151 152 156 153 151 152 153 153 5WQ 4000K Lumens 5,139 10,043 14,985 19,801 24,533 29,359 34,721 39,339 5WQ BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G5 B3-U0-G5											148	147
Lumens per Watt 151 152 156 153 151 152 153 153 5WQ BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G											43,766	48,457
5WQ 4000K Lumens 5,139 10,043 14,985 19,801 24,533 29,359 34,721 39,339 5WQ BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G4 B5-U0-G4 B5-U0-G4 Lumens per Watt 151 152 156 153 151 152 154 153 SLL/SLR 4000K Lumens 4,289 8,380 12,502 16,520 20,469 24,494 28,967 32,823 BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G3 B2-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 Lumens per Watt 126 127 130 128 126 127 128 128 RW BUG Rating B2-U0-G1 B3-U0-G1 B4-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 Lumens per Watt 147 148 151 149 147 148 149 149	5MQ	-									B5-U0-G4	B5-U0-G4
5WQ BUG Rating B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G4 B5-U0-G5 B3-U0-G5 B3-U0-G3 B5-U0-G3 B5-U0-G3 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>151</td><td>150</td></t<>											151	150
Lumens per Watt 151 152 156 153 151 152 154 153 SLL/SLR 4000K Lumens 4,289 8,380 12,502 16,520 20,469 24,494 28,967 32,823 BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G3 B2-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 Lumens per Watt 126 127 130 128 126 127 128 128 4000K Lumens 4,987 9,746 14,543 19,215 23,808 28,491 33,695 38,178 BUG Rating B2-U0-G1 B3-U0-G1 B4-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 Lumens per Watt 147 148 151 149 147 148 149 149											43,883	48,586
SLL/ SLR 4,000K Lumens 4,289 8,380 12,502 16,520 20,469 24,494 28,967 32,823 BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G3 B2-U0-G4 B3-U0-G4 B3-U0-G5 B4-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3	5WQ	-									B5-U0-G5	B5-U0-G5
SLL/ SLR BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G3 B2-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G5 B3-U0-G5 Lumens per Watt 126 127 130 128 126 127 128 128 4000K Lumens 4,987 9,746 14,543 19,215 23,808 28,491 33,695 38,178 BUG Rating B2-U0-G1 B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 Lumens per Watt 147 148 151 149 147 148 149 149											151	150
SLR BUG Rating B1-U0-G2 B1-U0-G3 B2-U0-G3 B2-U0-G4 B3-U0-G4 B3-U0-G5 B3-U0-G3 B5-U0-G3 B5-U0-G3 <t< td=""><td>SII/</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>36,613</td><td>40,537</td></t<>	SII/										36,613	40,537
RW 4000K Lumens 4,987 9,746 14,543 19,215 23,808 28,491 33,695 38,178 BUG Rating B2-U0-G1 B3-U0-G1 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 Lumens per Watt 147 148 151 149 147 148 149 149		BUG Rating	B1-U0-G2	B1-U0-G3	B2-U0-G3	B2-U0-G4	B3-U0-G4	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5	B3-U0-G5
RW BUG Rating B2-U0-G1 B3-U0-G1 B4-U0-G2 B4-U0-G2 B4-U0-G2 B5-U0-G3 B5-U0-G3 B5-U0-G3 Lumens per Watt 147 148 151 149 147 148 149 149		Lumens per Watt	126	127	130	128	126	127	128	128	126	126
Lumens per Watt 147 148 151 149 147 148 149 149		4000K Lumens	4,987	9,746	14,543	19,215	23,808	28,491	33,695	38,178	42,587	47,151
	RW	BUG Rating	B2-U0-G1	B3-U0-G1	B4-U0-G2	B4-U0-G2	B4-U0-G2	B5-U0-G3	B5-U0-G3	B5-U0-G3	B5-U0-G4	B5-U0-G4
4000K Lumens 5,007 9,782 14,597 19,285 23,896 28,594 33,817 38,317		Lumens per Watt	147	148	151	149	147	148	149	149	147	146
		4000K Lumens	5,007	9,782	14,597	19,285	23,896	28,594	33,817	38,317	42,742	47,322
AFL BUG Rating B1-U0-G1 B1-U0-G1 B2-U0-G2 B2-U0-G2 B3-U0-G2 B3-U0-G3 B3-U0-G3 B3-U0-G3	AFL	BUG Rating	B1-U0-G1	B1-U0-G1	B2-U0-G2	B2-U0-G2	B3-U0-G2	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3
Lumens per Watt 147 148 152 149 148 148 150 149		Lumens per Watt	147	148	152	149	148	148	150	149	147	147
* Nominal data for 70 CRI. ** For additional performance data, please reference the Galleon Supplemental Performance Guide.	* Nominal	data for 70 CRI. ** For additional p	erformance data,	please reference	the Galleon Supp	lemental Perform	ance Guide.					



McGraw-Edison GLEON Galleon

Control Options

0-10V (DIM)

This fixture is offered standard with 0-10V dimming driver(s). The DIM option provides 0-10V dimming wire leads for use with a lighting control panel or other control method.

Photocontrol (BPC, PR and PR7)

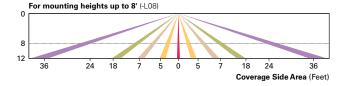
Optional button-type photocontrol (BPC) and photocontrol receptacles (PR and PR7) provide a flexible solution to enable "dusk-to-dawn" lighting by sensing light levels. Advanced control systems compatible with NEMA 7-pin standards can be utilized with the PR7 receptacle.

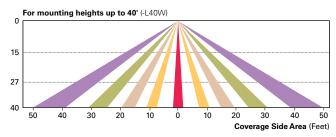
After Hours Dim (AHD)

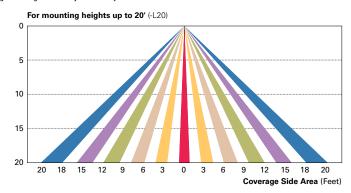
This feature allows photocontrol-enabled luminaires to achieve additional energy savings by dimming during scheduled portions of the night. The dimming profile will automatically take effect after a "dusk-to-dawn" period has been calculated from the photocontrol input. Specify the desired dimming profile for a simple, factory-shipped dimming solution requiring no external control wiring. Reference the After Hours Dim supplemental guide for additional information.

Dimming Occupancy Sensor (SPB, MS/DIM-LXX, MS/X-LXX and MS-LXX)

These sensors are factory installed in the luminaire housing. When the SPB or MS/DIM sensor options are selected, the occupancy sensor is connected to a dimming driver and the entire luminaire dims when there is no activity detected. When activity is detected, the luminaire returns to full light output. The MS/DIM sensor is factory preset to dim down to approximately 50 percent power with a time delay of five minutes. The MS-LXX sensor is factory preset to turn the luminaire off after five minutes of no activity. The MS/X-LXX is also preset for five minutes and only controls the specified number of light engines to maintain steady output from the remaining light engines. SPB motion sensors require the Sensor Configuration mobile application by Wattstopper to change factory default dimming level, time delay, sensitivity and other parameters. Available for iOS and Android devices. The SPB sensor is factory preset to dim down to approximately 10% power with a time delay of five minutes. The MS/DIM occupancy sensors require the FSIR-100 programming tool to adjust factory defaults.

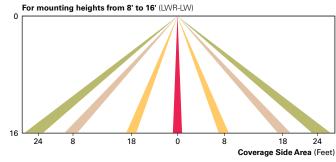


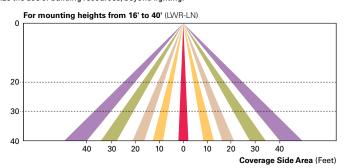




Enlighted Wireless Control and Monitoring System (LWR-LW and LWR-LN)

Enlighted is a connected lighting solution that combines a broad selection of energy-efficient LED luminaires with a powerful integrated wireless sensor system. The sensor controls the lighting system in compliance with the latest energy codes and collects valuable data about building performance and use. Software applications turn the granular data into information through energy dashboards and specialized apps that make it simple and help optimize the use of building resources, beyond lighting.





WaveLinx Wireless Outdoor Lighting Control Module (WOLC-7P-10A)

The 7-pin wireless outdoor lighting control module enables WaveLinx to control outdoor area, site and flood lighting. WaveLinx controls outdoor lighting using schedules to provide ON, OFF and dimming controls based on astronomic or time schedules based on a 7 day week.

AirMesh (DIM10)

AirMesh integrated wireless controls system includes factory installed DIM10 Synapse control module and FSP-201 motion sensor, requires additional AirMesh components for operation. Contact Synapse at www.synapsewireless.com for product support, warranty and terms and conditions.

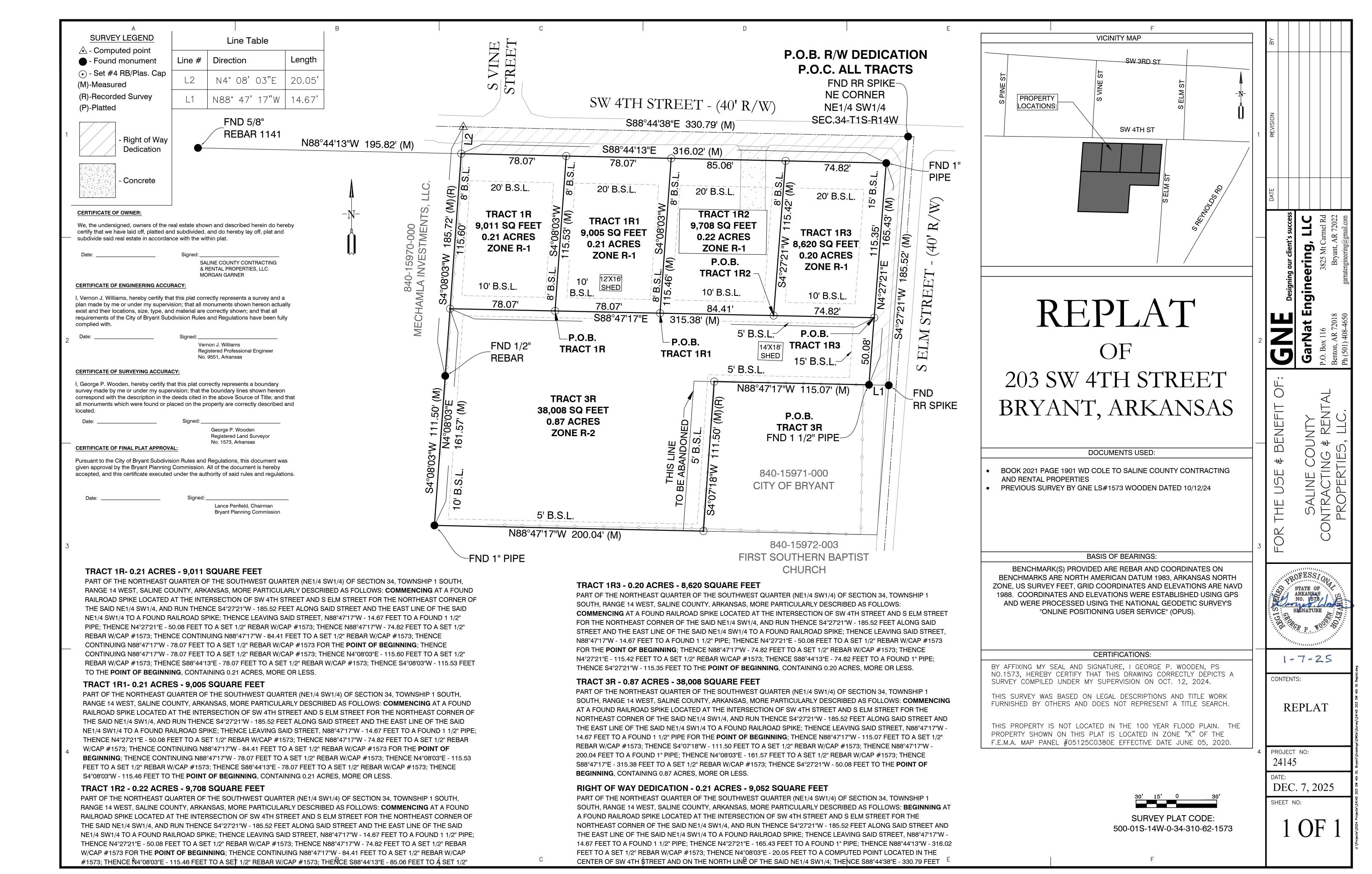
Cooper Lighting Solutions

1121 Highway 74 South Peachtree City, GA 30269

www.cooperlighting.com

P: 770-486-4800





GNE

Designing our client's success

P.O. Box 116

3825 Mt Carmel Rd

Benton, AR 72018

Bryant, AR 72022

Ph (501) 408-4650

garnatengineering@gmail.com

FOR EXCLUSIVE USE & BENEFIT OF:

Name: SALINE COUNTY CONTRACTING & RENTAL PROPERTIES, LLC.

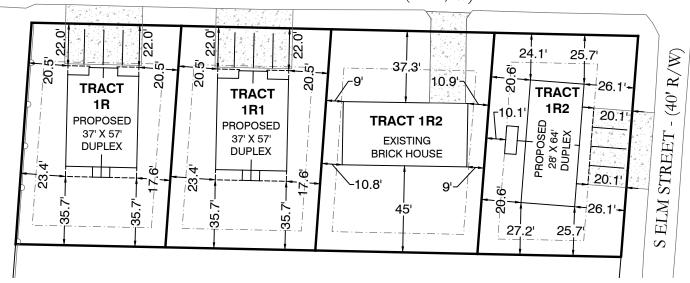
<u>LEGEND</u>

- ▲ Computed point
- Found monument
- Set #4 RB/Plas. Cap
- (M)-Measured
- (R)-Record
- (P)-Platted





SW 4TH STREET - (40' R/W)



BUILDING SET BACK LINES

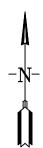
FRONT - 20'

REAR -10'

SIDE -8'

PROPERTY DESCRIPTIONS:

TRACT 1R, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS TRACT 1R1, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS TRACT 1R2, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS TRACT 1R3, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS



JOB NUMBER:

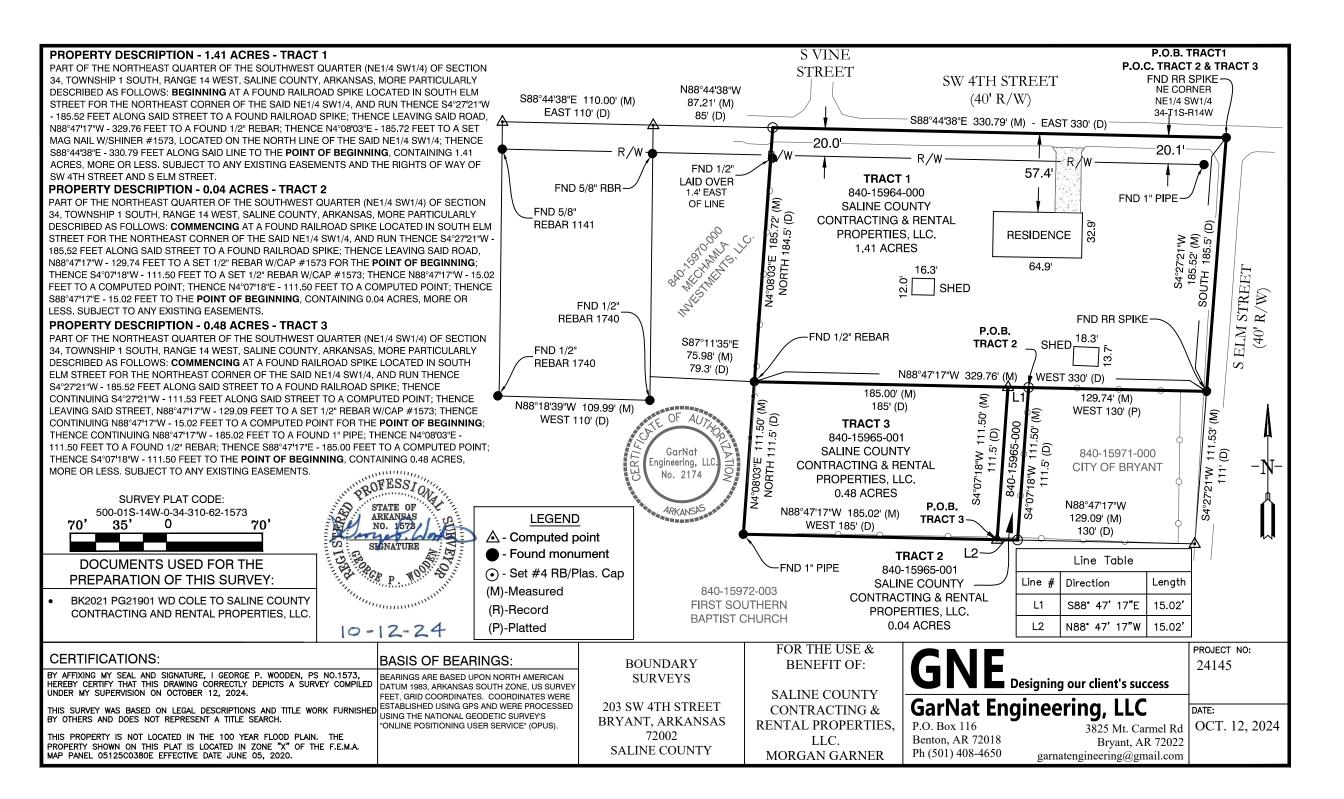
24145 REPLAT OF 203 SW 4TH ST LOTS 1R, 1R1, 1R2, & 1R3

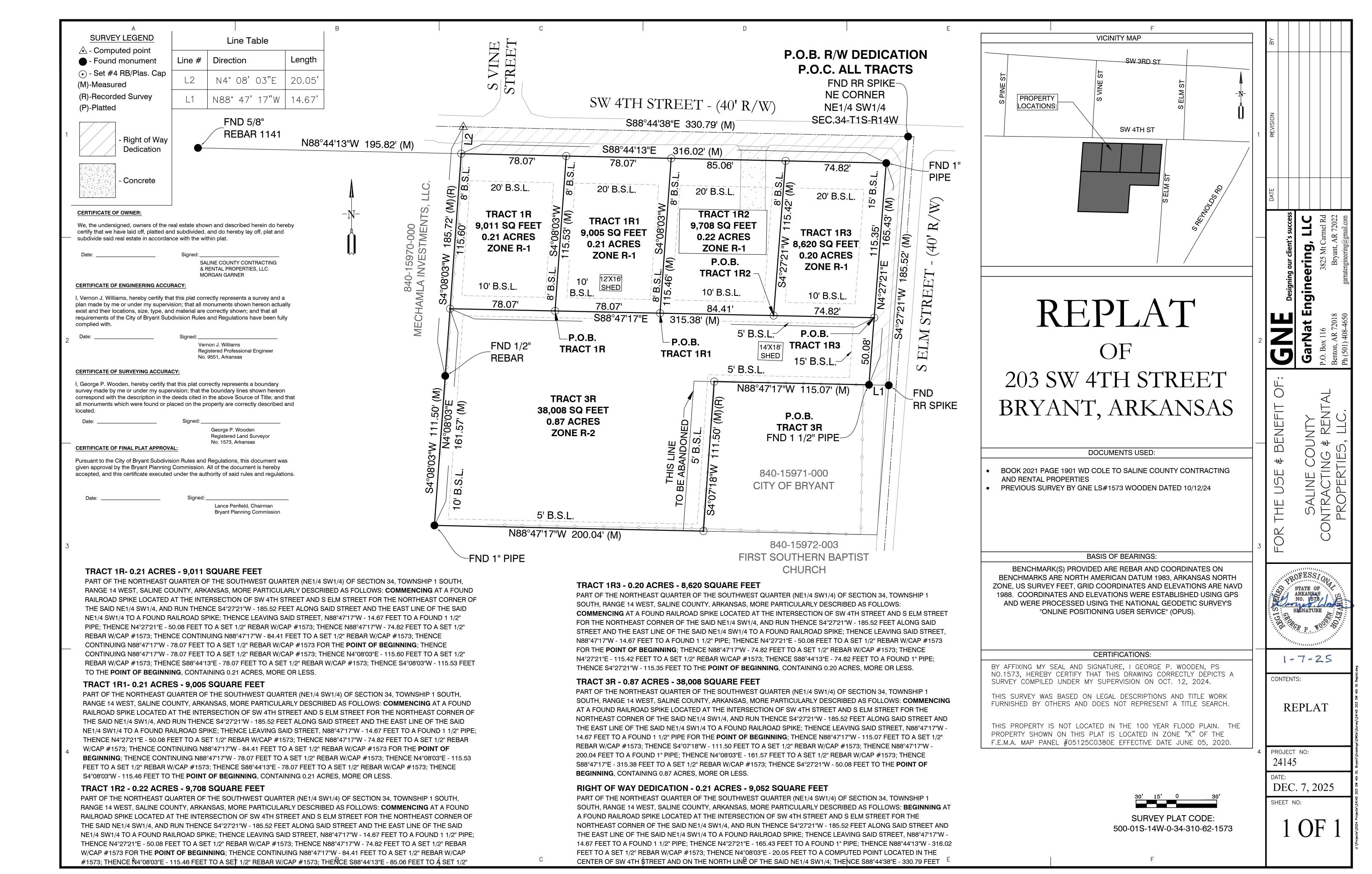
1/08/2025

PLOT PLAN

This Plot Plan depicts the lot as it appears on the subdivision final plat. This drawing does not represent an actual survey.

According the the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Saline County unincorporated areas, panel #05125C0380E dated 06/05/20, no portion of the property described hereon does lie within the 100 year flood hazard boundary.





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Benton, AR 72018

Bryant, AR 72022

Ph (501) 408-4650

garnatengineering@gmail.com

FOR EXCLUSIVE USE & BENEFIT OF:

Name: SALINE COUNTY CONTRACTING & RENTAL PROPERTIES, LLC.

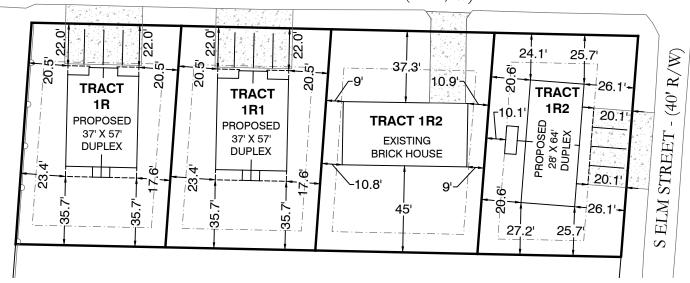
<u>LEGEND</u>

- ▲ Computed point
- Found monument
- Set #4 RB/Plas. Cap
- (M)-Measured
- (R)-Record
- (P)-Platted





SW 4TH STREET - (40' R/W)



BUILDING SET BACK LINES

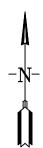
FRONT - 20'

REAR -10'

SIDE -8'

PROPERTY DESCRIPTIONS:

TRACT 1R, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS TRACT 1R1, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS TRACT 1R2, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS TRACT 1R3, REPLAT OF 203 SW 4TH STREET, BRYANT, ARKANSAS



JOB NUMBER:

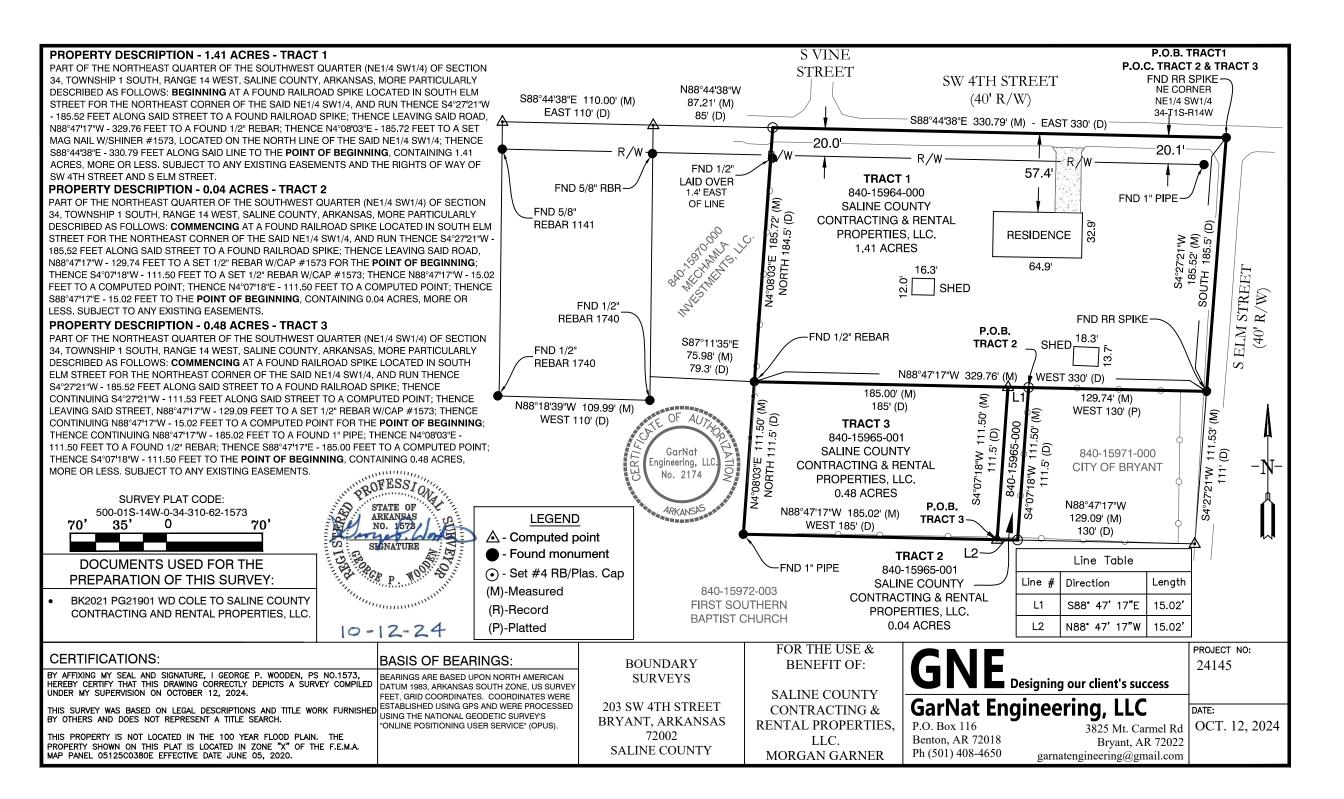
24145 REPLAT OF 203 SW 4TH ST LOTS 1R, 1R1, 1R2, & 1R3

1/08/2025

PLOT PLAN

This Plot Plan depicts the lot as it appears on the subdivision final plat. This drawing does not represent an actual survey.

According the the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Saline County unincorporated areas, panel #05125C0380E dated 06/05/20, no portion of the property described hereon does lie within the 100 year flood hazard boundary.





PROPERTY DESCRIPTION: LOMBARD HEIGHTS PHASE 3

PART OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 9, TOWNSHIP 1 SOUTH, RANGE 14 WEST, SALINE COUNTY, ARKANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 1/2" PIPE BEING THE SOUTHEAST CORNER OF SAID NE1/4, SE1/4 OF SECTION 9: THENCE, N02°30'44"E A DISTANCE OF 569.42 FEET ALONG THE WEST LINE THEREOF TO THE **POINT OF BEGINNING,** A 1 /2" REBAR,

THENCE N02°30'44"E ALONG SAID WEST LINE A DISTANCE OF 372.51 FEET;

THENCE LEAVING SAID WEST LINE, S87°55'08"E A DISTANCE OF 126.89 FEET;

THENCE, N74°05'17"E A DISTANCE OF 52.7088 FEET. THENCE, S88°19'27"E A DISTANCE OF 120.1664 FEET

THENCE, N02°32'03"E A DISTANCE OF 20.0159 FEET THENCE, S87°27'57"E A DISTANCE OF 290.1931 FEET.

THENCE, S02°32'03"W A DISTANCE OF 410.7119 FEET TO A POINT OF THE NORTH LINE OF LOMBARD HEIGHTS, PHASES 1 AND 2;

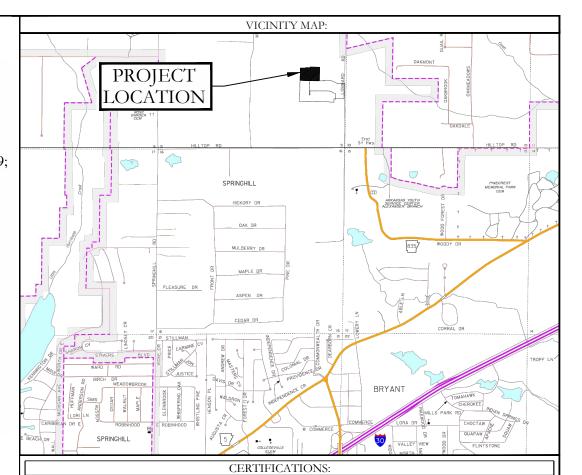
THENCE ALONG SAID NORTH LINE THE FOLLOWING CALLS:

THENCE, N88°19'27"W A DISTANCE OF 410.4103 FEET

THENCE, N80°47'12"W A DISTANCE OF 50.3414 FEET THENCE, N87°55'08"W A DISTANCE OF 126.7265 FEET TO THE POINT OF BEGINNING. CONTAINING 2,337 SQUARE FEET, OR 5.37 ACRES, MORE OR LESS.

ALL SIDEWALK RAMPS SHALL MEET ADA REQUIREMENT WITH CORRUGATED DOME REQUIREMENTS.

Curve Table						
Curve #	Length	Radius	Delta	Chord Direction	Chord Length	
C55	23.54	25.00	53.94	S29° 30' 24"W	22.68	
C56	26.01	60.00	24.84	S44° 03' 31"W	25.80	
C57	72.39	60.00	69.12	S2° 55' 16"E	68.08	
C58	52.36	60.00	50.00	S62° 29' 05"E	50.72	
C59	53.19	60.00	50.80	N67° 06' 56"E	51.47	
C60	73.31	60.00	70.01	N6° 42' 51"E	68.84	
C61	24.26	60.00	23.17	N39° 52' 28"W	24.10	
C62	23.56	25.00	54.00	N24° 27' 41"W	22.70	



OWNER: DEVELOPER:

Name: SOUTHERN GENERAL CONTRACTORS Address: BOX 242146

LITTLE ROCK, AR 72223

Name: SOUTHERN GENERAL CONTRACTORS LITTLE ROCK, AR 72223

CERTIFICATE OF OWNER:

We, the undersigned, owners of the real estate shown and described herein do hereby certify that we have laid off, platted and subdivided, and do hereby lay off, plat and subdivide said real estate in accordance with the within plat.

Date of Execution

Source of Title: ____

CERTIFICATE OF SURVEYING ACCURACYS

I, Jonathan L. Hope, hereby certify that this plat correctly represents a survey and a plan made by me or under my supervision; that all monuments shown hereon actually exist and their location, size, type and material are correctly shown; and that all interior lot lines have been adjusted to "as built conditions" and are accurately described on the plat and identified on the ground in terms of length and direction of the property side as required in accord with the City of Bryant Subdivision Regulation Ordinance.

Date of Execution

Jonathan L. Hope Registered Professional Land Surveyor No. 1762

CERTIFICATE OF FINAL ENGINEERING ACCURACY

I, Kazi Tamzidual Islam, hereby certify that this plat correctly represents a plat made by me, and that the engineering requirements of the City of Bryant Subdivision Rules and Regulations have been

Date of Execution

Kazi Tamzidual Islam Engineer, No. 20876

CERTIFICATE OF FINAL APPROVAL

Pursuant to the City of Bryant Subdivision Rules and Regulations, this document was given approval by the Bryant Planning Commission at a meeting held ______, 20 _____. All of the document is hereby accepted, and this certificate executed under the authority of said rules

Date of Execution

ARKANSAS

 $\star\star\star$

LICENSED **PROFESSIONAL**

ENGINEER

NO. 20876

LEGEND

P No Parking Sign

■ - Stop Sign

★ - Street light

(D) -- Deeded

(M) -- Measured

- ADA Crosswalk

(P) -- Platted

→ Fire Hydrant

△ – Computed point

Found monument

STATE OF ARKANSAS

SIGNATURE

Rick Johnson, Bryant Planning Commission

PROPERTY SPECIFICATIONS: SOUTHERN GENERAL CONTRACTORS MIN. LOT SIZE: P.O. BOX 242146 LITTLE ROCK, AR 72223

SUBDIVIDER P.O. BOX 242146 LITTLE ROCK, AR 72223 ENGINEERS: HOPE CONSULTING INC. 129 N MAIN STREET BENTON, AR 72015

NAME OF SUBDIVISION: LOMBARD HEIGHTS ZONING CLASSIFICATION: R-1.S SOURCE OF TITLE: 2017-11245

NUMBER OF LOTS: 20 SOURCE OF WATER: SALEM WATER USERS DEVELOPER/: SOUTHERN GENERAL CONTRACTORS | SOURCE OF SEWER: CITY OF BRYANT SOURCE OF ELECTRIC: FIRST ELECTRIC COOP SOURCE OF GAS: CENTERPOINT ENERGY BUILDING SETBACKS: FRONT - 20' OR AS SHOWN REAR - 20' OR AS SHOWN SIDE - 8' OR AS SHOWN EASEMENTS: UTILITY & DRAINAGE (D.E. & U.E.) FRONT - 10' OR AS SHOWN REAR - 10' OR AS SHOWN SIDE - 5' OR AS SHOWN STREET RIGHT OF WAYS: 50' OR AS SHOWN

STREET WIDTH: 28' BOC TO BOC LOT CORNERS: SET 1/2" REBAR WITH CAP

By affixing my seal and signature, I Jonathan L. Hope, PLS No, 1762, hereby certify that this drawing correctly depicts a survey compiled under my supervision.

NOTE: This survey was based on legal descriptions and title work furnished by others and does not represent a title search.

No portion of the property described hereon lies within the 100 year flood plane, according to the Flood Insurance Rate Map, panel # ______06/05/2020 Dated: 05125C0240E



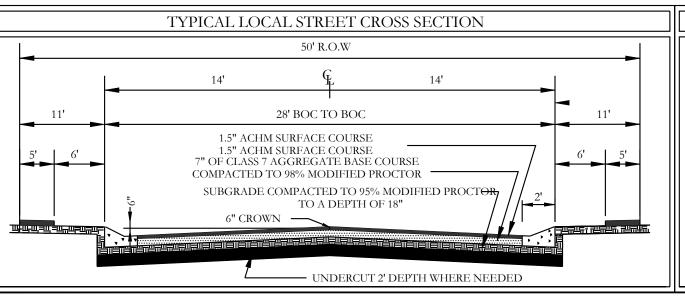
FOR USE AND BENEFIT OF: SOUTHERN GENERAL CONTRACTORS

FINAL PLAT LOMBARD HEIGHTS, PHASE 3

A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

⊙ — Set #4 RB/Plas. Cap (SIP) C.A.D. BY: B.JOHNSON DRAWING NUMBER: CHECKED BY: 20-1388 SCALE: 1"=50' 500 01S 14W | 0 | 9 | 210 62 | 1762

A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS



FOUND 1/2" PIPE AT FENCE POST

REFERENCES:

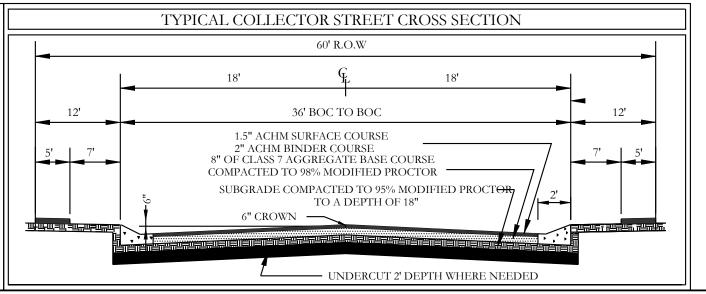
SW CORNER NE/4 SW/4 SECTION 9 T-1S R-14-W

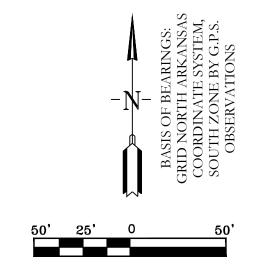
24" WHITE OAK S26°E 16.2'

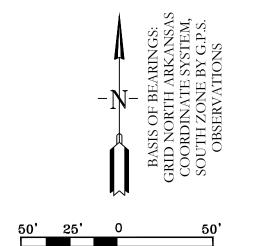
- 18" WHITE OAK N63°W 6.0'

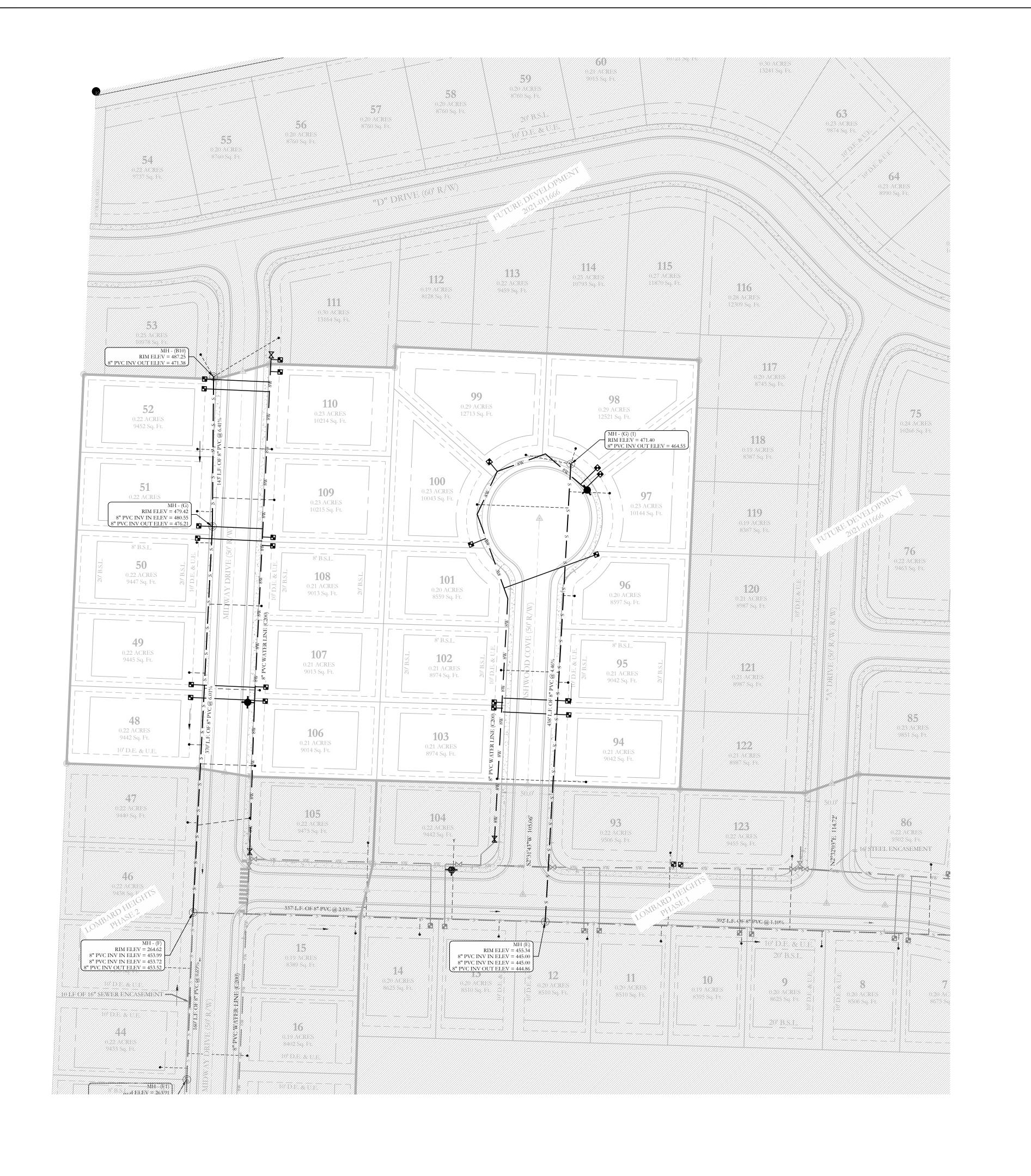
NE 1/4 SW 1/4

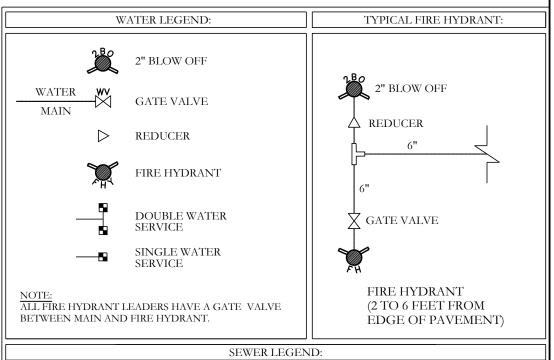
SE 1/4 SE 1/4











SEWER SERVICE

SEWER MAIN — S — S SEWER MANHOLE

NOTE:
USE SDR-26 PVC SEWER PIPE EXCEPT
WHERE DUCTILE IRON PIPE
REQUIRED FOR COVER. USE DUCTILE
IRON PIPE WHERE 3' MINIMUM COVE
CANNOT BE MAINTAINED.

CONTRACTOR IS RESPONSIBLE FOR
LOCATING ALL BURIED UTILITIES
PRIOR TO CONSTRUCTION.



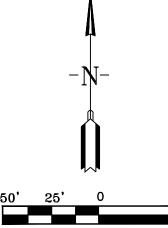
117 S. Market Street,
Benton, Arkansas 72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

FOR USE AND BENEFIT OF:

LOMBARD HEIGHTS

WATER & SEWER AS-BUILTS
LOMBARD HEIGHTS, PHASE 3
A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE:	01/07/20	025 C.A.D.	BY:	В.ЈОН	NSON	DR	AWING NU	UMBER:	
REVISED:		CHECKED BY:				20	-1388		
SHEET:		SCALE:	AS S	SHOWN	I		20-	-1300	





Subdivision Checklist

Approved by Bryant Planning Commission 07/14/2003 Revised 6/18/2007

Instructions

The attached checklist must be completed by the owner and subdivision engineer and must be submitted along with the Preliminary Plat Plan and other specified documentation for review and approval by the Planning Commission. The owner may not begin developing the subdivision until the review of the Preliminary Plat plan is approved.

No changes or alterations can be made to the approved Preliminary Plat Plan without Planning Commission approval.

When all lots have been surveyed, the utilities and drainage measures are in place, and roads have been constructed, the owner and engineer will submit a Final Plat Plan for approval by the Commission. This Final Plat Plan will incorporate all approved changes and will be verified by the City Engineer. No lots will be sold or rights-of-way and easements conveyed until the Final Plat has been submitted and approved.

Fees due to City of Bryant upon submission of Preliminary Plat application

- \$300.00 + \$3.00 per lot for Subdivision preliminary plat review
- \$250.00 or \$25.00 per lot (whichever is greater) Stormwater Detention and Drainage Plan Engineering Fee
- A Surety Bond or Cashier's check in the amount of 10% of the estimated development cost must be furnished within 10 days after Preliminary Plat approval.

Fees due to Bryant Water and Sewer Department upon submission of Final Plat application

- \$100 per lot Water/Sewer Impact Fee
- \$100 per Subdivision Phase Water/Sewer Flushing Fee

Fees due to City of Bryant upon submission of Final Plat application

\$25.00 + \$1.00 per lot - for Subdivision Final Plat review

\$2,000+\$100=\$2,100 \$3,500\$25+\$20=\$45

Total Fee Required= \$2,145

City of Bryant Subdivision Checklist

Subdivision/Project Name		Lombard Heights Phase 3								
Contact I	Person	Jonathan Hope	Phone _	501-860-0467						
Mailing A	ddross 129 N M	ain Street Benton, Arkansas								
Mailing A	adi ess									
I Dias	Ivenes Neese	Ou Tue Dr								
I. BASIC	INFORMATION NEEDS	ED ON THE PLAT								
1.	Name of Subdivision									
▲ 2.	Current zoning R-1.S									
▲ 3.	Name and Address	of owner of Record								
▲ 4.	Illustrate Source of	Title giving deed record book and page	number							
▲ 5.	Name & address of	the sub-divider								
▲ 6.	Date of Survey									
▲ 7.	Vicinity map locatin	ng streets, highways, section lines, railr	oad, school	ls, & parks within ½ mile						
A 8.	Legal description of	the property with exact boundary lines	S							
▲ 9.	Acreage of property	•		•						
1 0.	Number of Lots									
▲ 11.	Lot area in square f	eet								
▲ 12.	Lot lines with appro	priate dimensions								
1 3.	Building setback line	es								
1 4.	Preliminary Enginee	ring certificate seal and signature on ea	ach page							
15.	Certificate of Engine	eering Accuracy								
1 6.	Certificate of Owne	r								
17.	Certificate of Final	Plat Approval								
1	Certificate of Recor									
1	Show scale (not less									
1	North Arrow	,								
▲ 21.	Show Title block									
22.	Show adjoining prop	erty owners								
1		ed streets including traffic control devi	ces (stop s	igns, speed limit, etc.)						
24.	Layout of all subdivi	sion entrance street upgrades								
▲ 25.	Layout of all propos	ed alleys								
26.	Layout of all propos	ed sidewalk systems								
▲ 27.	-	y FEMA flood plain and flood way prope	erty within	the 100-year flood elevation.						
		gineers 404 Permit if required)								
		for stormwater run-off and detention ξ								
•	•	es Master Street Plan segments within								
▲ 30.	Street layout ties to existing adjoining subdivision stub-out streets and provides stub-out streets for									
24	future adjoining subdivisions. Street width and right-of-way properly shown for each functional classification									
Y	_									
▲ 32.	Street centerlines showing angles of deflection, intersection, radii, length oftangents and arcs, and degree of curvature with basis of curve data									
33.	. Typical cross section of streets									
▲ 34.	Location and name of existing streets									
▲ 35.	New street names that are not similar to existing street names									
▲ 36.	Show street lights									

▲ 37. Show Fire Hydrant placement

- ▲ 38. Show and label all permanent & proposed easements
 - ▲ 39. Any proposed open space must be shown
 - ▲ 40. Show the direction and flow of all water courses entering the tract
- 41. Show the direction and flow of all water courses leaving the tract
 - ▲ 42. The drainage area of all water courses above the points of entry.
 - ▲ 43. The downstream drainage channel and drainage structures substantially impacted by the subdivision/project.
- ▲ 44. Show source of water supply

 $\sqrt{}$

- ▲ 45. Show location of waste water connection to municipal main & sanitary sewer layout
- ▲ 46. A phasing plan outlining the boundaries for each phase

II. ADDITIONAL INFORMATION NEEDED, BUT NOT NECESSARILY ON THE PLAT

- ▲ 47. Natural features within the proposed subdivision including drainage channels, bodies of water, wooded areas, and other significant features
- ▲ 48. Existing streets, buildings, water courses, railroads. Culverts, utilities and easement on and adjacent to the tract.
- ▲ 49. Where method of disposal of wastewater is other than connection to a public waste water system, detailed information shall accompany the plat.
- ▲ 50. Calculations and field notes, including drainage calculations along with support drawing
 - 51. Stormwater detention plan approval from City Engineer (attach copy of approval)
- ▲ 52. The Certificate of Preliminary Engineering Accuracy on each set of street and drainage plans.
 - ▲ 53. ADA Accessibility Standard Form completed (and attached)
 - ▲ 54. A Bill of Assurance has been prepared for this subdivision (and attached)
 - ▲ 55. All lots comply with minimum square footage area and minimum lot width at the front building line
 - ▲ 56. Street pavement design will be as specified by City or AHTD design procedures, approved by the City Engineer.
 - ▲ 57. Made the "One Call" prior to site clearance or other excavation activity

III. PRELIMINARY PLAT ATTACHMENTS

(APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- ▲ 58. Letter to Planning Commission stating your request
- ▲ 59. Completed Checklist
- ▲ 60. Completed agreement to provide performance assurance
- ▲ 61. Subdivider Performance Bond or Cashier's Check for infrastructure installation
- ▲ 62. Landscaping plan of any proposed common open space
- ▲ 63. **Draft of Bill of Assurance** proposed for the subdivision (if applicable)
- ▲ 64. **20 copies of Preliminary Plat Plan (folded)** that includes vicinity map (minimum size 17" X 34" paper)
- ▲ 65. Two (2) IBM compatible diskettes or CDR's with pertinent data and Plat in CAD compatible .DXF electronic file format
- ▲ 66. Copy of Stormwater Detention approval
- ▲ 67. 2 copies Plan and profile of all streets
- ▲ 68. Receipt for \$300.00 + \$3.00 per lot for preliminary Subdivision fee
- ▲ 69. Receipt for \$250.00 or \$25.00 per lot (whichever is greater) for Stormwater Detention and Drainage Plan review
- ▲ 70. Copy of ADEQ Stormwater Pollution Prevention Plan for property parcel containing one acre or larger.

III. FINAL PLAT ATTACHMENTS (APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET) √ ■ 71. Letter to Planning Commission stating your request. ▲ 72. Completed Checklist ▲ 73. 20 copies of Final Plat Plan (folded) that includes vicinity map (minimum size 17" X 34" paper) ▲ 74. Two (2) IBM compatible diskettes or CDR's with pertinent data and Plat in CAD compatible .DXF electronic file format ▲ 75. Bill of Assurance including provisions set out in Title 15 Subdivision Regulations 15.16.01 ▲ 76. Copy of Water & Sewer Commission approval or.... ▲ 77. State Health Department approval of any new water supply and/or sewage system. ▲ 78. Letter submitted by a Registered Professional Engineer, certifying that all infrastructure improvements and installations have been installed in accordance with the submitted construction plans and drawings and the standards established by the City of Bryant and are functioning properly. 79. Infrastructure Maintenance Bond or Cashier's check. ▶ 80. Check for \$25.00 + \$1.00 per lot for final Subdivision fee ▲ 81. Check for Water Sewer impact fees (\$100.00 Flushing Fee and \$100.00 impact fee per lot) Lombard Heights Jonathan Hope Name of Subdivision Surveyor I HAVE COMPLIED WITH THE REQUIREMENTS LISTED ABOVE AND HAVE CHECKED ALL OF THE BOXES ON THE CHECKLIST WHICH APPLY TO THIS PROJECT SUBMITTAL. Kazi Islam **Engineer Signature** Owner Signature

	CITY USE
Preliminary Plat Approved	
Planning Commission Date	 ;
Final Plat Approved Planning Commission Date	
Proof of Recording - County	

County Clerk _____



January 8, 2025

Colton Leonard City of Bryant 210 Southwest Third St., Bryant, AR 72022

RE: Lombard Heights Final Plat Phase 3 (Hope Job# #20-1388)

Dear Colton:

On behalf of the property owner, we are formally requesting that Bryant and Community Development review and forward the Final Plat of Lombard Heights Subdivision to the Bryant Planning Commission for Final Plat Approval.

Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

Sincerely,

Ionathan Hone



VICINITY MAP (NTS)

Certificate of Surveying Accuracy

LEGEND

● - FOUND MONUMENT ● - SET #5 REBAR/CAP #1506

▲- COMPUTED POINT

Scale: 1'' = 40'

•- CONTROLLING CORNER

40

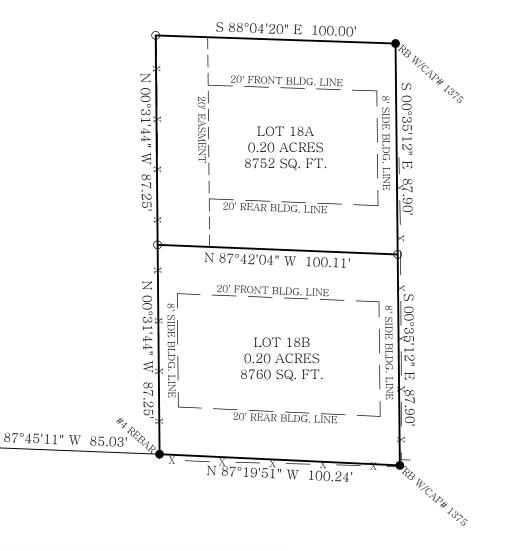
I, James Aaron Rasburry, hereby certify that this plat correctly represents a survey and a plan made by me, or under my supervision; that all monuments shown hereon actually exist and their locations, size, type, and material are correctly shown; and that all requirements of the City of Bryant Subdivision Rules and Regulations have been fully complied with.

Date of Execution:			
	Registered Land Surveyor		
	No. 1506, Arkansas		
Certificate of Recording		*AREBAR	
This document, number	filed for record	, CB	N
,		₩—	
in Plat Book, page	, 20		
Circuit Clerk			
For Bill of Assurance see: Deed Record Book, Page			

I hereby certify that the above plat represents a survey made by me or under my supervision on this day. No independent search for easements, covenants, encumbrances, or any other facts which an accurate title search may disclose was performed.

LOT 18A, AND LOT 18B,
BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS
BEING A REPLAT OF
LOT 18,
BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

ETHEL DRIVE (60' R/W)



Certificate of Final Plat Approval

Pursuant to the City of Bryant Subdivision Rules and Regulations, this document was given approval by the Bryant Planning Commission at a meeting held _______, 2025. All of the document is

hereby accepted, and this certificate executed under the authority of said rules and regulations.

Date of Execution Bryant Planning Commission

THE BEARING SYSTEM IS BASEL GRID NORTH PER GPS OBSERVA

Certificate of Owner

We, the undersigned, owners of the real estate shown and described herein do hereby certify that we laid off, platted and subdivided, and do hereby lay off, plat and subdivide said real estate in accordance with the within plat

Name SCE ENTERPRISES, LLC

Date of Execution

Address: 1721 THORNTON FERRY ROAD

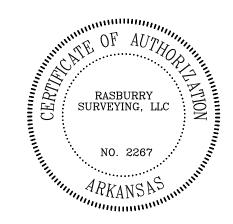
HOT SPRINGS NATIONAL PARK, AR. 71913

ned _____

Source of Title DOCUMENT NUMBER 2022-020231

BY GRAPHIC PLOTTING ONLY THE DESCRIBED PROPERTY DOES NOT LIE WITHIN A FLOOD PRONE AREA.

SOURCE:FIRM PANEL NO.:05125C0380E DATE:JUNE 05, 2020





308 W. South Street Benton, AR 72015 Office/Fax: (501) 860-6893 E-Mail: aaron@razsurvey.com LOT 18A, AND LOT 18B,
BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS
BEING A REPLAT OF
LOT 18,

BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

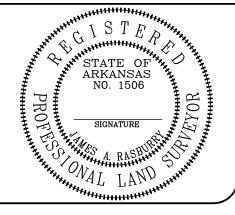
FILE: C:\DRAWINGS\BIG OAK\LOT 18

FIELDWORK DATE:12-9-24
PLATE: 1-08-25

DRAWN BY: DCR

JOB#: 24-375

CHECKED BY: JAF





VICINITY MAP
(NTS)

Certificate of Surveying Accuracy

I, James Aaron Rasburry, hereby certify that this plat correctly represents a survey and a plan made by me, or under my supervision; that all monuments shown hereon actually exist and their locations, size, type, and material are correctly shown; and that all requirements of the City of Bryant Subdivision Rules and Regulations have been fully complied with.

Date of Execution:		
	Registered Land Surveyor	
	No. 1506, Arkansas	
Certificate of Recording		**AREBAR
Certificate of Recording		NED.
This document, number	filed for record	A.P.
	, 20	
in Plat Book, page		
Circuit Clerk		
For Bill of Assurance see: Deed Record Book . Page		

●- FOUND MONUMENT

●- SET #5 REBAR/CAP #1506

▲- COMPUTED POINT
●- CONTROLLING CORNER
--- FENCE

40

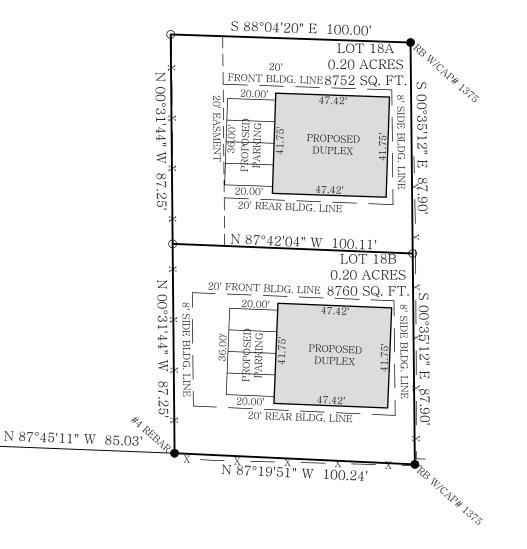
0
40
8
Scale: 1" = 40'

LEGEND

I hereby certify that the above plat represents a survey made by me or under my supervision on this day. No independent search for easements, covenants, encumbrances, or any other facts which an accurate title search may disclose was performed.

LOT 18A, AND LOT 18B,
BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS
BEING A REPLAT OF
LOT 18,
BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

ETHEL DRIVE (60' R/W)



Certificate of Final Plat Approval

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hereby accepted, and this certificate executed under the authority of said rules and regulations.

Date of Execution Bryant Planning Commission



Certificate of Owner

We, the undersigned, owners of the real estate shown and described herein do hereby certify that we laid off, platted and subdivided, and do hereby lay off, plat and subdivide said real estate in accordance with the within plat

Name SCE ENTERPRISES, LLC

Date of Execution

Address: 1721 THORNTON FERRY ROAD

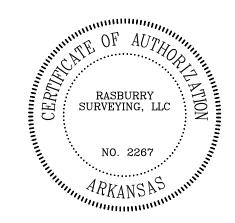
HOT SPRINGS NATIONAL PARK, AR. 71913

ned _____

Source of Title DOCUMENT NUMBER 2022-020231

BY GRAPHIC PLOTTING ONLY THE DESCRIBED PROPERTY DOES NOT LIE WITHIN A FLOOD PRONE AREA.

SOURCE:FIRM PANEL NO.:05125C0380E DATE:JUNE 05, 2020





308 W. South Street Benton, AR 72015 Office/Fax: (501) 860-6893 E-Mail: aaron@razsurvey.com LOT 18A, AND LOT 18B,
BIG OAK ADDITION,
TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS
BEING A REPLAT OF
LOT 18,

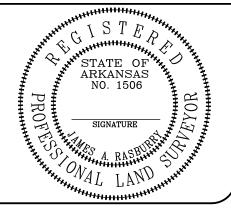
BIG OAK ADDITION,
TO THE CITY OF BRYANT. SALINE COUNTY, ARKANSAS

FILE: C:\DRAWINGS\BIG OAK\LOT 18

FIELDWORK DATE:12-9-24
PLATE: 1-08-25

JOB#: 24-375

CHECKED BY: JAR



City of Bryant Subdivision Replat Checklist

	city of bryant sabarvision Re	plat Checklist
Subdivisi	on Name Big Oak Addition	
Contact I	Person Agron Rasburry	Phone (501) 860- 6893
Mailing A	ddress 308 W. South St. Benton, AR	72015
I. BASIC	INFORMATION NEEDED ON THE PLAT	
	Name of Subdivision Name and Address of owner of Record Date of Survey Vicinity map locating streets, highways, section lines, railro New lot and block numbers Lot area in square feet Lot lines with appropriate dimensions Building setback lines Certificate of Surveying Accuracy Certificate of Owner Certificate of Final Plat Approval Certificate of Recording	oad, schools, & parks within ½ mile
△ 14. △ 15. △ 16. △ 17. △ 18. △ 19. △ 20. △ 21.	Show scale (not less than 1" = 100") North Arrow Show Title block Layout of all proposed streets including traffic control device the layout of all proposed sidewalk systems Layout identifies any FEMA flood plain and flood way proper (Provide Corp of Engineers 404 Permit if required) Drainage easements for stormwater run-off and detention grange proposed open space must be shown Show the direction and flow of all water courses entering the Show the direction and flow of all water courses leaving the	rty within the 100-year flood elevation. iving dimensions, locations, and purpos se tract
III. FINAL (APPLI)	PLAT ATTACHMENTS CATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIF Letter to Planning Commission stating your request Completed Checklist 20 copies of current lot Plan (folded) 20 copies of Final replat Plan (folded) that includes vicinity Check for \$25.00 + \$1.00 per lot for final Subdivision Replated	REMENTS ARE MET) y map (minimum size 17" X 34" paper)
	MPLIED WITH THE REQUIREMENTS LISTED ABOVE AND HAVE OF WHICH APPLY TO THIS PROJECT SUBMITTAL.	CHECKED ALL OF THE BOXES ON THE
Owner Sigr	ature Engineer Signat	:ure-

Professional Surveyor

Owner Signature



ARKANSAS > Bryant



Interior Graphics

Interior way finding & Identification

Location: 1800 N Reynolds Rd

Suite 4

Bryant, AR 72022

CLIENT

D1 - Bryant 1800 N Reynolds Rd Suite 4 Bryant, AR 72022

Exterior Signage

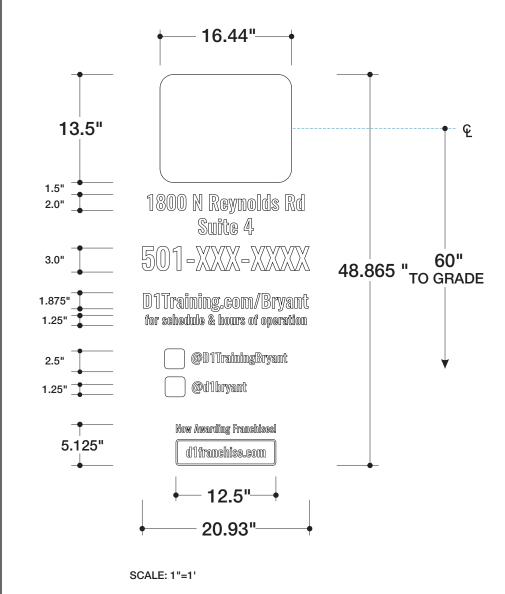
CREATED

11-20-2024

REVISED 12-13-2024



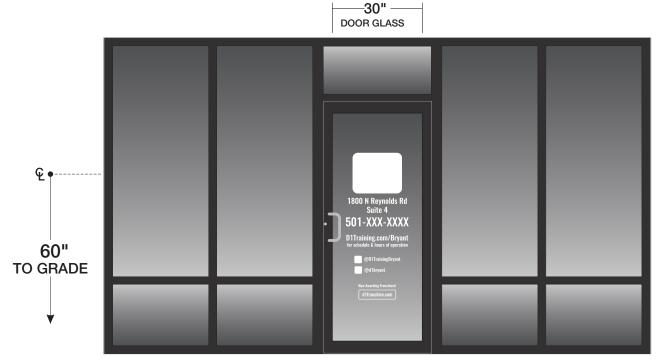
Sign #1 - Door Vinyl **SOUTHWEST ELEVATION**



REMOVE EXISTING VINYL



Existing



SCALE: 3/8" = 1' Proposed



CLIENT

D1 - Bryant 1800 N Reynolds Rd Suite 4 Bryant, AR 72022

PRESENTATION Exterior Signage

CREATED 11-20-2024

REVISED

12-13-2024

SPECS

D1 Logo

Avery HP750 | SC950 #440 Red Vinyl

Premium White Vinyl

Typestyle: Oswald, Medium

Mounting: First Surface Application

QTY: (1)

DRAWINGS: Kevin K.

VERSION

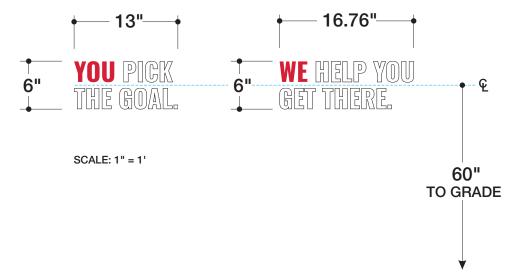


888-637-7111

FORMALLY GEISLER SIGN

Sign #2 - Window Graphics **SOUTHWEST ELEVATION**

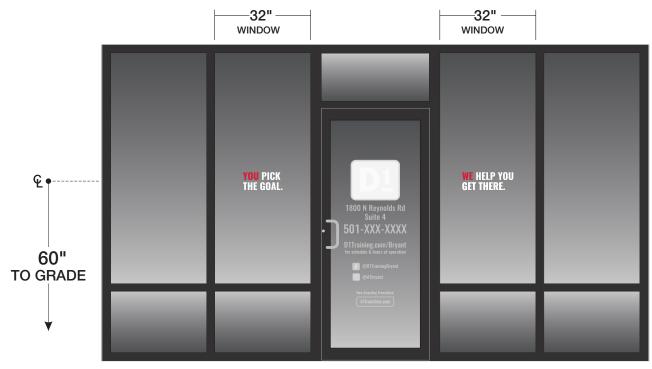
CUSTOM 6" SIZE



REMOVE EXISTING VINYL



Existing



Proposed SCALE: 3/8" = 1'



CLIENT D1 - Bryant 1800 N Reynolds Rd Suite 4 Bryant, AR 72022

PRESENTATION

Exterior Signage

CREATED 11-20-2024

REVISED

12-13-2024

SPECS

Avery HP750 | SC950 #440 Red Vinyl

Premium White Vinyl

Typestyle: Oswald, Medium

Mounting:

First Surface Application

QTY: (1) Set of 2

Kevin K.

VERSION

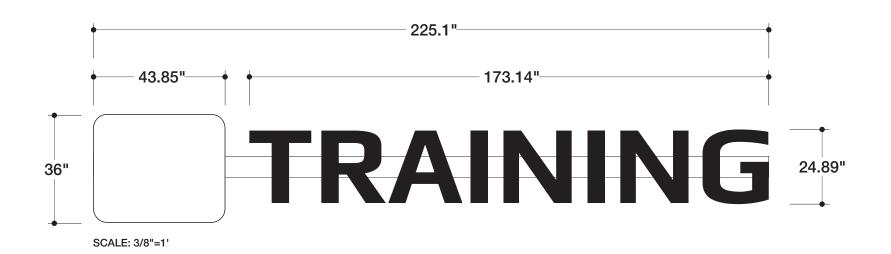


888-637-7111

FORMALLY GEISLER SIGN

Sign #3 - Illuminated Channel Letters - Raceway Mounted **SOTUHWEST ELEVATION**

RW1 7" X 113"



4.5" 3" .040" Aluminum Returns Non-Corrosive 1" Jewelite Trim Cap .063" Aluminum Back **LOGO & LETTER** Disconnect Switch **CUTAWAY** 3/16" White Acrylic Low Voltage w/ Vinyl Overlay Transforme White 5000K LED Lighting J-Box - 120-277VAC .25" Weep Holes Primary Power Raceway with Feed By Others Removable Service Cover All Penetrations To Be Sealed WALL

LISTED

Label Must Be

Electrical Specs (1) 120V Dedicated 20 Amp Circuit

MAX SF: 77.00

SF: 56.27

36 D1-T-IL-36

RACEWAY COLOR: SW 9542 Natural White

RW2 7" X 113"





SCALE: 1/8"=1' **Proposed**



SPECS

D1 Logo

3"(d) Aluminum Channel Letters

1" Black Jewelite

3" Black Returns

White Acrylic Avery UC900-440-T

Red Vinyl - Reverse Weeded

3"(d) Aluminum Channel Letters

1" Black Jewelite

3" Black Returns

White Acrylic 3M 3635-222 Black Perforated Film

Mounting: Studs & Silicone

QTY: (1)

Kevin K.

VERSION



FORMALLY GEISLER SIGN

Site Map -1800 N Reynolds Rd Suite 4 Bryant, AR 72022

> Sign #1 Door Vinyl Main Entrance

> > Sign #2 Window Graphics

Sign #3 Illuminated **Channel Letters**





CLIENT
D1 - Bryant
1800 N Reynolds Rd
Suite 4
Bryant, AR 72022

PRESENTATION Exterior Signage

CREATED 11-20-2024

REVISED

12-13-2024



DRAWINGS: Kevin K.





SIGN PERMIT APPLICATION

Applicants are advised to read the Sign Ordinance prior to completing and signing this form.

The Sign Ordinance is available at www.cityofbryant.com under the Planning and Community

Development tab.

Date:		Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.
Sign Co. or Sign Owner	Property Owner	
NameARKANSAS SIGN & NEON	Name D1 TRAINING	
Address 8525 DISTRIBUTION DR	Address 1800 N RE	EYNOLDS RD, STE 4
City, State, ZIFTLE ROCK AR 72209	City, State, Zip	NT AR 72022
Phone 501.562.3942	Phone	
lora@arkansassign.com Email Address	Email Address	
GENERAL INFORMATION Name of Business D1 TRAINING 1800 N REYNOLDS RD, STE Zoning Classification		

Please use following page to provide details on the signs requesting approval. Along with information provided on this application, a Site Plan showing placement of sign(s) and any existing sign(s) on the property is required to be submitted. Renderings of the sign(s) showing the correct dimensions is also required to be submitted with the application. A thirty-five dollar (\$35) per sign payment will be collected at the time of permit issuance. According to the Sign Ordinance a fee for and sign variance or special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

READ CAREFULLY BEFORE SIGNING

I ______, do hereby certify that all information contained within this application is true and correct. I fully understand that the terms of the Sign Ordinance supersede the Sign Administrator's approval and that all signs must fully comply with all terms of the Sign Ordinance regardless of approval. I further certify that the proposed sign is authorized by the owner of the property and that I am authorized by the property owner to make this application. I understand

that no sign may be placed in public right of way. I understand that I must comply with all Building and Electrical Codes and that it is my responsibility to obtain all necessary permits.

Use table below to enter information regarding each sign for approval. Please use each letter to reference each sign rendering.

SIGN	Type (Façade, Pole, Monument, other)	Dimensions (Height, Length, Width)	Sqft (Measured in whole as rectangle)	Height of Sign (Measured from lot surface)		Column for Admin Certifying Approval
				Top of Sign	Bottom of Sign	
Α	WALL	36" X 225.1"	56.27	17'1.75"	14'1.75"	
В						
С	J	OB COST	S \$600	00.00		
E						
F						
G						