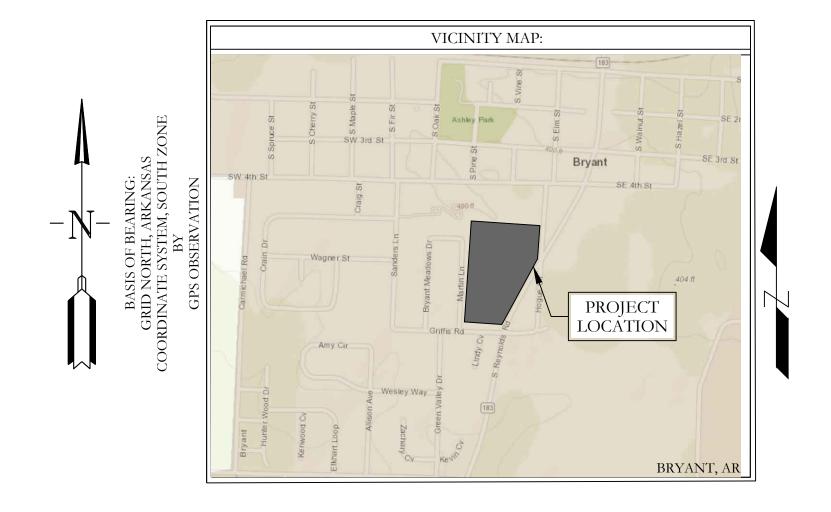
CONSTRUCTION PLANS FIRST SOUTHERN BAPTIST CHURCH OF BRYANT 604 S REYNOLDS ROAD, BRYANT, SALINE COUNTY, ARKANSAS



PREPARED BY:



129 N. Main Street, Benton, Arkansas 72015 PH. (501)315-2626 FAX (501) 315-0024 www.hopeconsulting.com

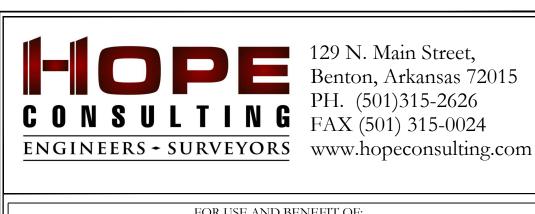
| SHEET NO. | TITLE |
|-----------|---------------------------------|
| | BOUNDARY & TOPO SURVEY |
| C-1.0 | SITE PLAN |
| C-2.0 | UTILITY PLAN |
| C-3.0 | SEWER PLAN & PROFILE |
| C-4.0 | GRADING PLAN |
| C-5.0 | STORM DRAINAGE PLAN AND PROFILE |
| C-6.0 | RETENTION PLAN |
| C-7.0 | LANDSCAPE PLAN |
| C-8.0 | EROSION CONTROL PLAN |
| C-9.0 | DEMOLITION PLAN |

| OWNER: | DEVELOPER: |
|--|--|
| Name: Peter Cunningham | Name: Peter Cunningham |
| Address: 604 S Reynolds Rd, Bryant, Arkansas 72022 Email & peter@fsbcbryant.org Phone: 501-847-3014 | Address: 604 S Reynolds Rd, Bryant, Arkansas 72022 Email & peter@fsbcbryant.org Phone: 501-847-3014 |

CIVIL ENGINEER
HOPE CONSULTING INC
129 N. MAIN STREET
BENTON, AR 72015



DRAWING INDEX



FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

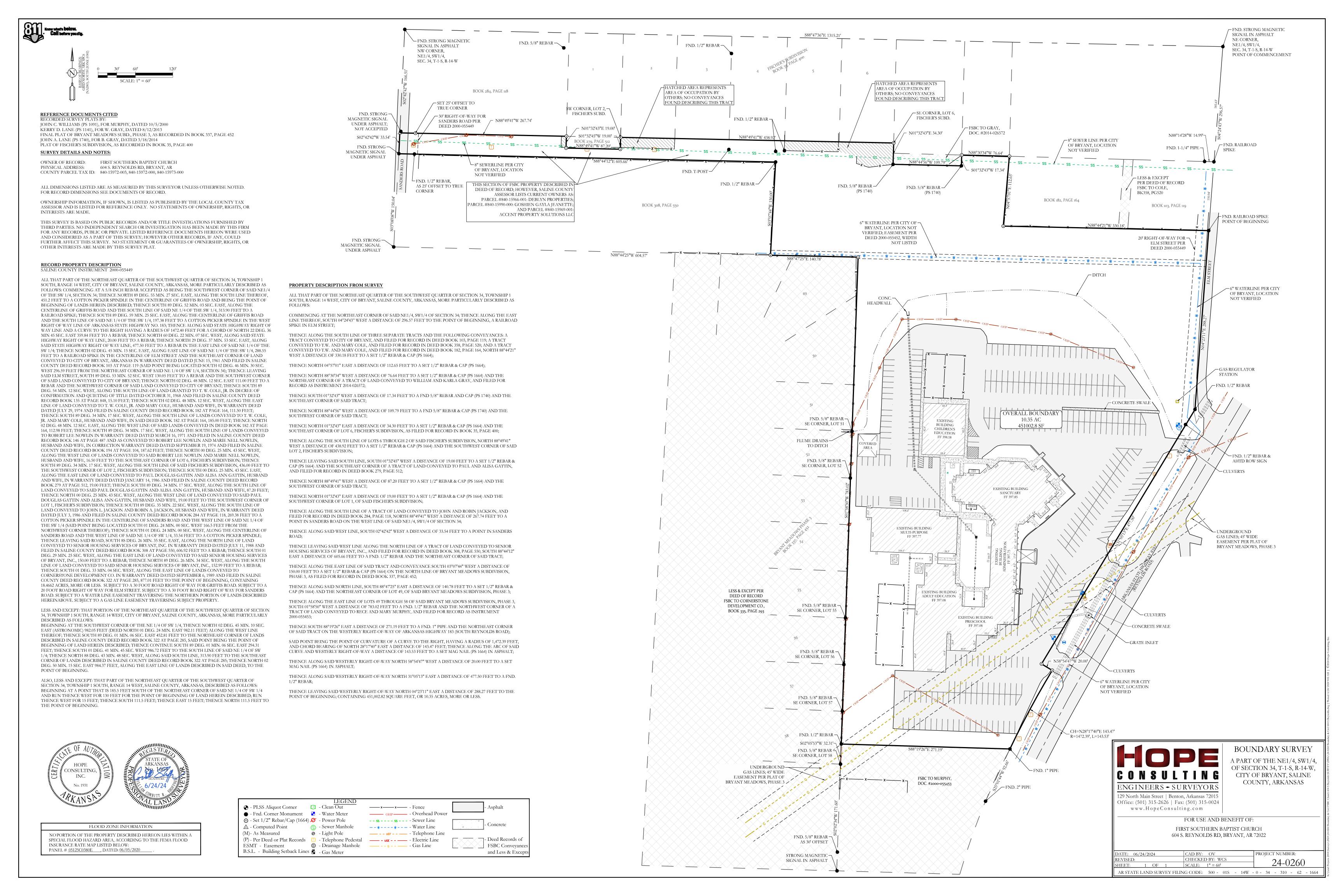
FSCB EXPANSION & REMODEL PHASE-1

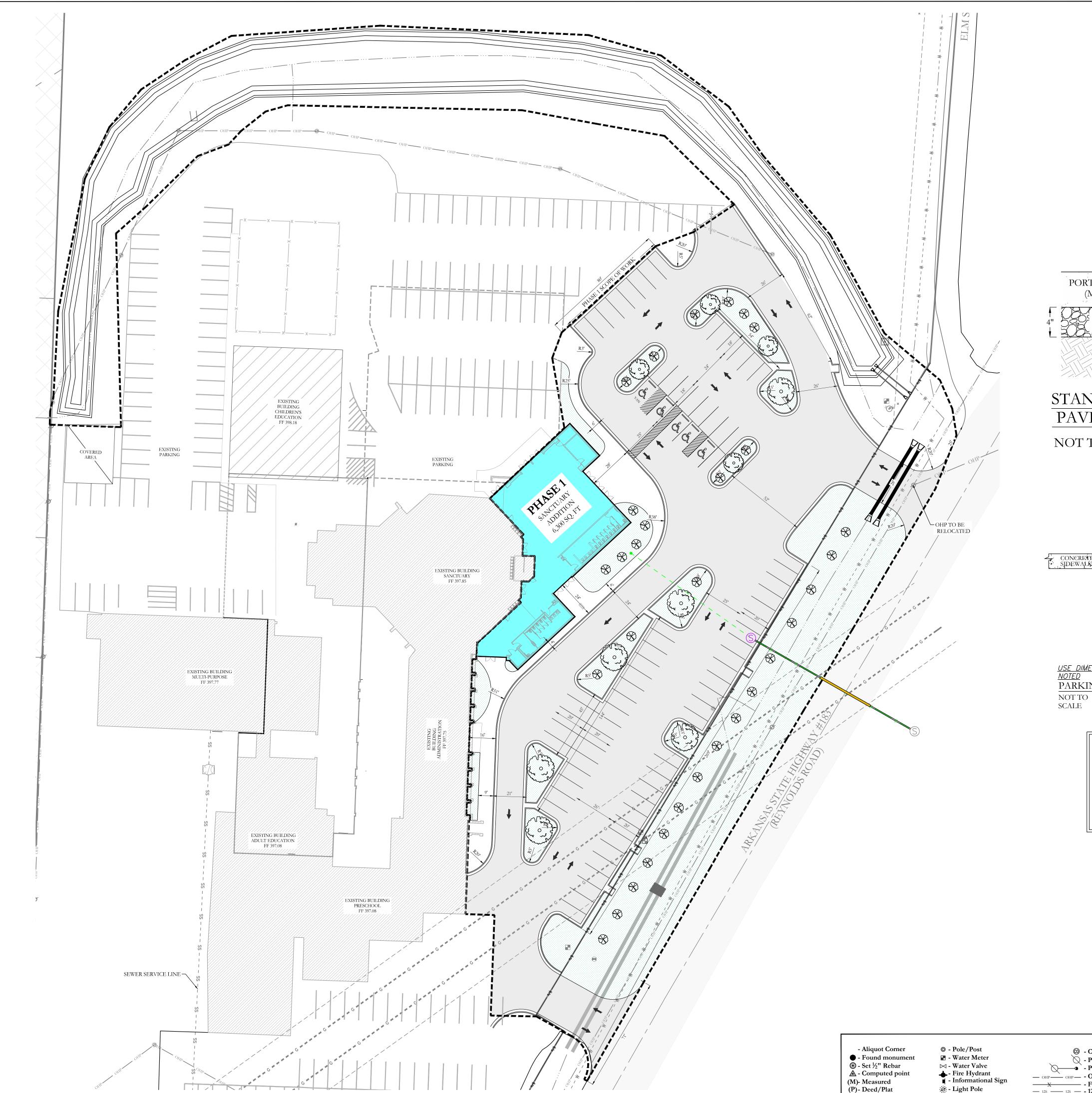
COVER SHEET

604 S REYNOLDS ROAD,

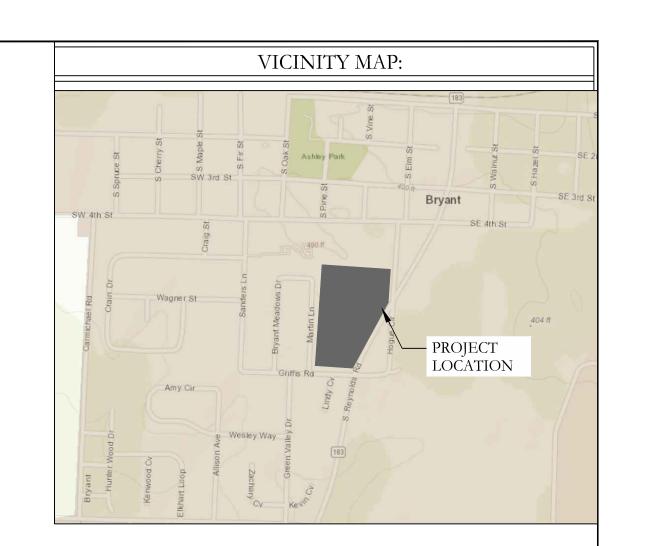
BRYANT, SALINE COUNTY, ARKANSAS

| | Dittiliti, Grazita Go etti i, fildan torio | | | | | | | | | |
|-------|--|-------|-----------------|-------|-----|----|------|--|--|--|
| E: | 9/4/2024 | C.A.D | DRAWING NUMBER: | | | | | | | |
| TSED: | | СНЕС | CHECKED BY: | | | | | | | |
| ET: | | SCAL | | -0260 | | | | | | |
| .00 | 018 | 1.4W/ | 0 | 34 | 310 | 62 | 1664 | | | |





| SITE D | SITE DATA | | | | | | |
|---------------------------------|---|--|--|--|--|--|--|
| TOTAL SITE AREA | 7.58 ACRES | | | | | | |
| TOTAL DEVELOPMENT AREA | 2.94 ACRES | | | | | | |
| GROSS BUILDING AREA | TOTAL BUILDING AREA 6300 SF | | | | | | |
| ZONING | R-2 | | | | | | |
| BUILDING SETBACKS | FRONT SETBACK LINE: 25' REAR SETBACK LINE: 25' INTERIOR SETBACK LINE: 8' EXTERIOR SETBACK LINE: 15' | | | | | | |
| BUILDING HEIGHTS | 25' | | | | | | |
| BUILDING COVERAGE PERCENTAGE | 6300/128066=0.0492=4.92% | | | | | | |
| PROPOSED LANDSCAPE AREA | 25772 SF >5% OF 128066 SF | | | | | | |
| BUSINESS TYPE | CHURCH | | | | | | |



PORTLAND CEMENT CONCRETE (MIN STRENGTH=4000 PSI)

COMPACTED SUBGRADE (MIN CBR 6)

OWNER:

Email & peter@fsbcbryant.org
Phone: 501-847-3014

DEVELOPER: Name: Peter Cunningham

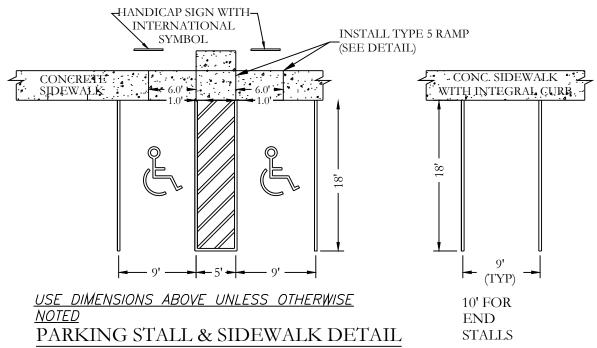
Email & peter@fsbcbryant.org Phone: 501-847-3014

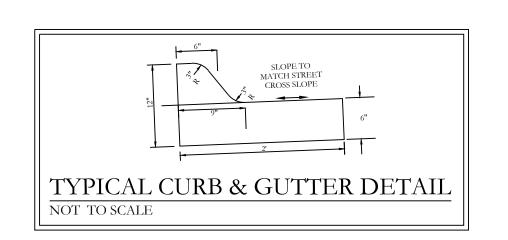
STANDARD CONCRETE PAVEMENT SECTION

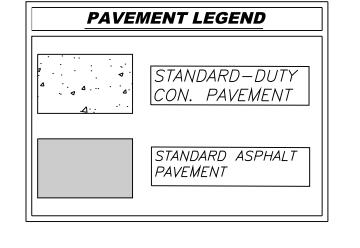
NOT TO SCALE

ACHM SURFACE COURSE CLASS 7 ASPHALT PAVEMENT SECTION

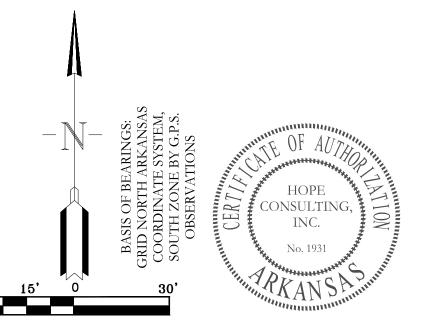
NOT TO SCALE







CIVIL ENGINEER HOPE CONSULTING INC 129 N. MAIN STREET BENTON, AR 72015 CONTACT: KAZI TAMZIDUL ISLAM PHONE: 501-315-2626 EMAIL: kazi@hopeconsulting.com



129 N. Main Street,
Benton, Arkansas 72015
PH. (501)315-2626
FAX (501) 315-0024 **ENGINEERS - SURVEYORS** www.hopeconsulting.com

FOR USE AND BENEFIT OF: FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

CHURCH EXPANSION PHASE 1 SITE PLAN

604 S REYNOLDS ROAD BRYANT, SALINE COUNTY, ARKANSAS C.A.D. BY: B.JOHNSON DRAWING NUMBER: CHECKED BY: REVISED: 24-0260 SHEET: C-1.0 01S 14W 0 34 310 62 1664

— OHP — Overhead Power

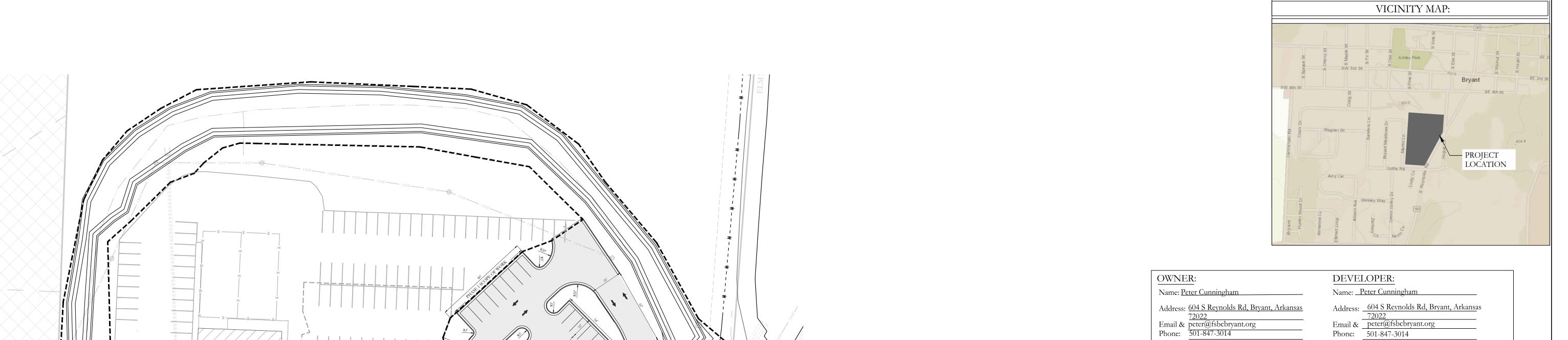
__ 12W ____ 12W ___ - 12" Water Line

TB - Telephone Pedestal/Box

-Guy Anchor — X - Fence — 128 — 128 — - 12" Sewer Line --- c ---- Gas Line

— T— T— - Telephone Line

⑤ - Sewer Manhole - Landscape Area / Proposed Sod



EXISTING MANHOLE-10805 STA:1+18.09 RIM:396.31 INV IN:388.00

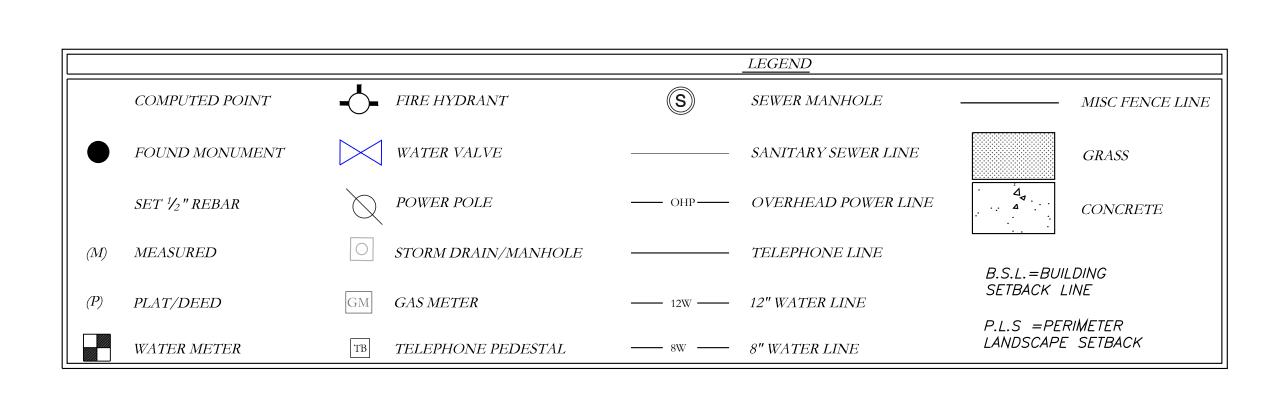
EXISTING
WATER METER

EXISTING CLEANOUT —

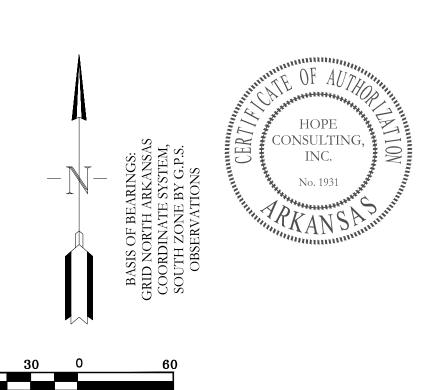
SEWER SERVICE LINE \sim %

EXISTING SEWER SERVICE LINE

Email & peter@fsbcbryant.org
Phone: 501-847-3014



CIVIL ENGINEER HOPE CONSULTING INC 129 N. MAIN STREET BENTON, AR 72015 CONTACT: KAZI TAMZIDUL ISLAM PHONE: 501-315-2626 EMAIL: kazi@hopeconsulting.com



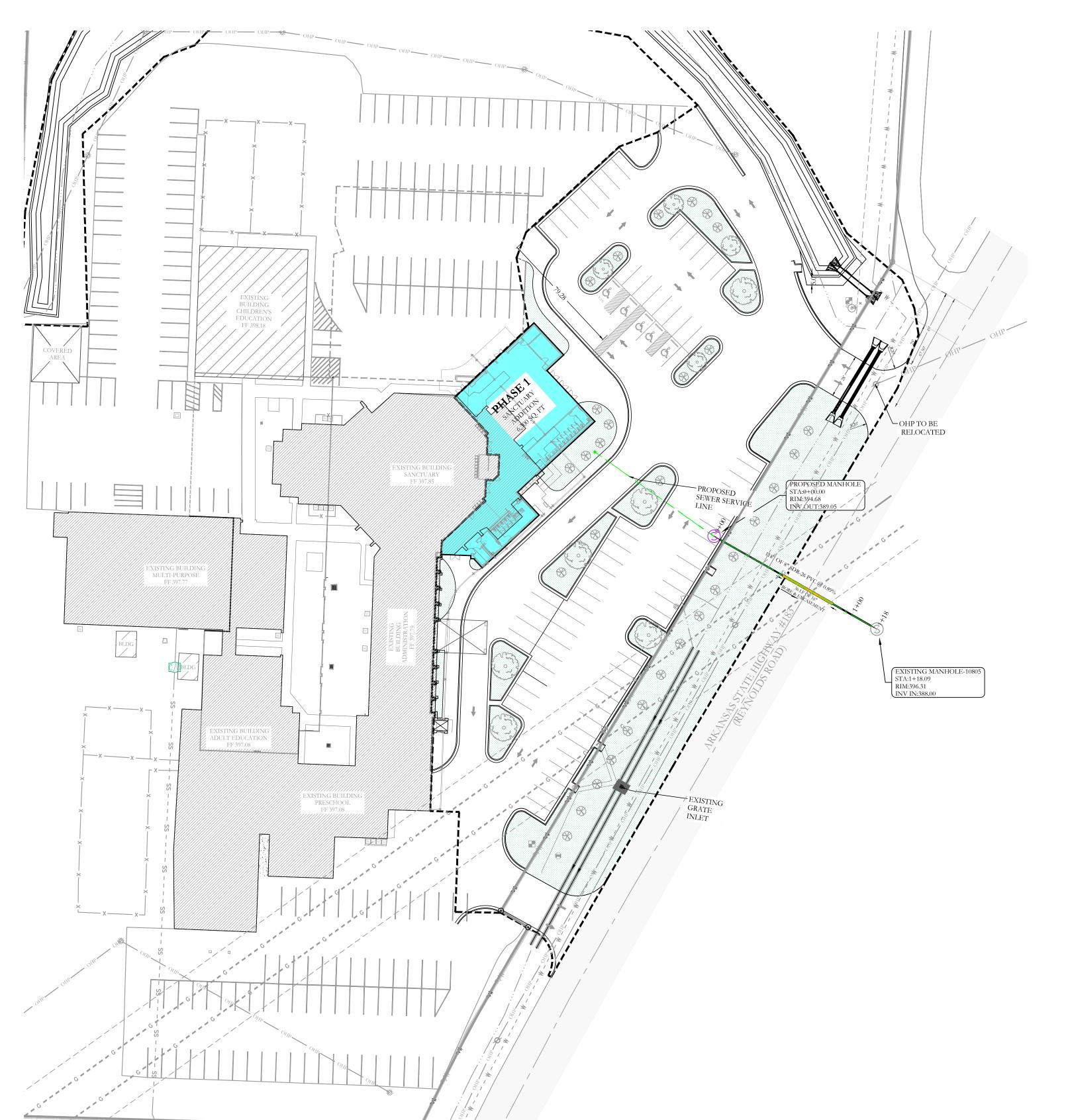


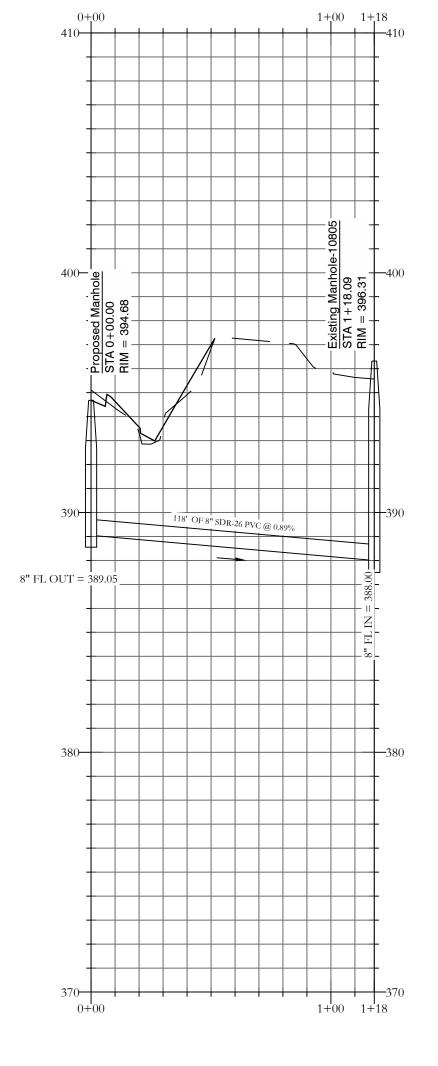
129 N. Main Street,
Benton, Arkansas 72015
PH. (501)315-2626
FAX (501) 315-0024 ENGINEERS - SURVEYORS www.hopeconsulting.com

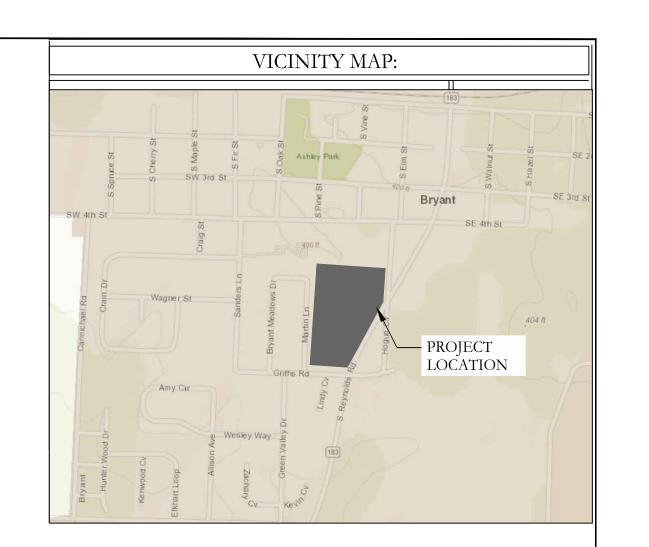
FOR USE AND BENEFIT OF: FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

> CHURCH EXPANSION PHASE 1 UTILITY PLAN 604 S REYNOLDS ROAD BRYANT, SALINE COUNTY, ARKANSAS

| - 1 | Dittill (1, Silbill 2 Go Civi 1, Indian toric | | | | | | | | | | |
|-----|---|-----------|----|----------------------|---|----|-----|---------|-----------------|------|--|
| | DATE: 09-04-2024 REVISED: | | | C.A.D. BY: B.JOHNSON | | | | | DRAWING NUMBER: | | |
| | | | | CHECKED BY: | | | | | 24.0260 | | |
| | SHEET: | ET: C-2.0 | | SCALE: | | | | 24-0200 | | | |
| | 500 | 01S | 14 | W | 0 | 34 | 310 | | 62 | 1664 | |







OWNER:

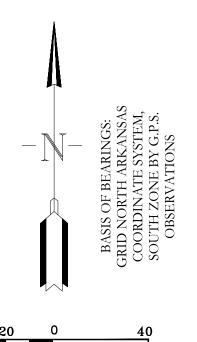
Address: 604 S Reynolds Rd, Bryant, Arkansas
72022
Email & peter@fsbcbryant.org
Phone: 501-847-3014

DEVELOPER: Name: <u>Peter Cunningham</u>

Address: 604 S Reynolds Rd, Bryant, Arkansas
72022
Email & peter@fsbcbryant.org
Phone: 501-847-3014

<u>LEGEND</u> FIRE HYDRANT COMPUTED POINT SEWER MANHOLE --- MISC FENCE LINE WATER VALVE FOUND MONUMENT ——— SANITARY SEWER LINE **GRASS** • SET ½" REBAR POWER POLE —— OHP—— OVERHEAD POWER LINE CONCRETE O STORM DRAIN/MANHOLE (M) MEASURED ------ TELEPHONE LINE B.S.L.=BUILDING SETBACK LINE G GAS METER (P) PLAT/DEED —— 12W —— 12" WATER LINE P.L.S =PERIMETER LANDSCAPE SETBACK WATER METER TB TELEPHONE PEDESTAL

CIVIL ENGINEER HOPE CONSULTING INC 129 N. MAIN STREET BENTON, AR 72015 CONTACT: KAZI TAMZIDUL ISLAM PHONE: 501-315-2626 EMAIL: kazi@hopeconsulting.com





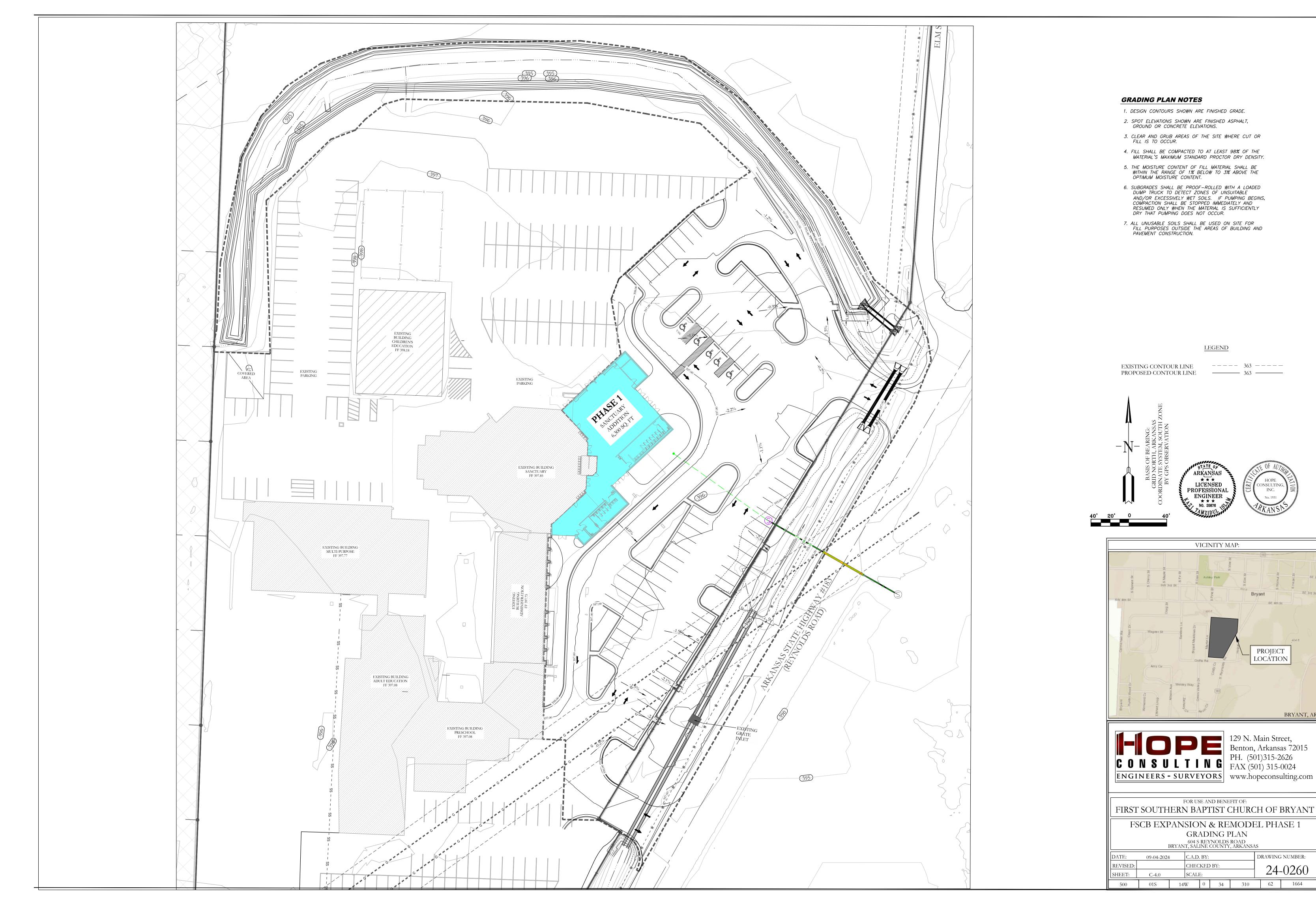
129 N. Main Street,
Benton, Arkansas 72015
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FOR USE AND BENEFIT OF:

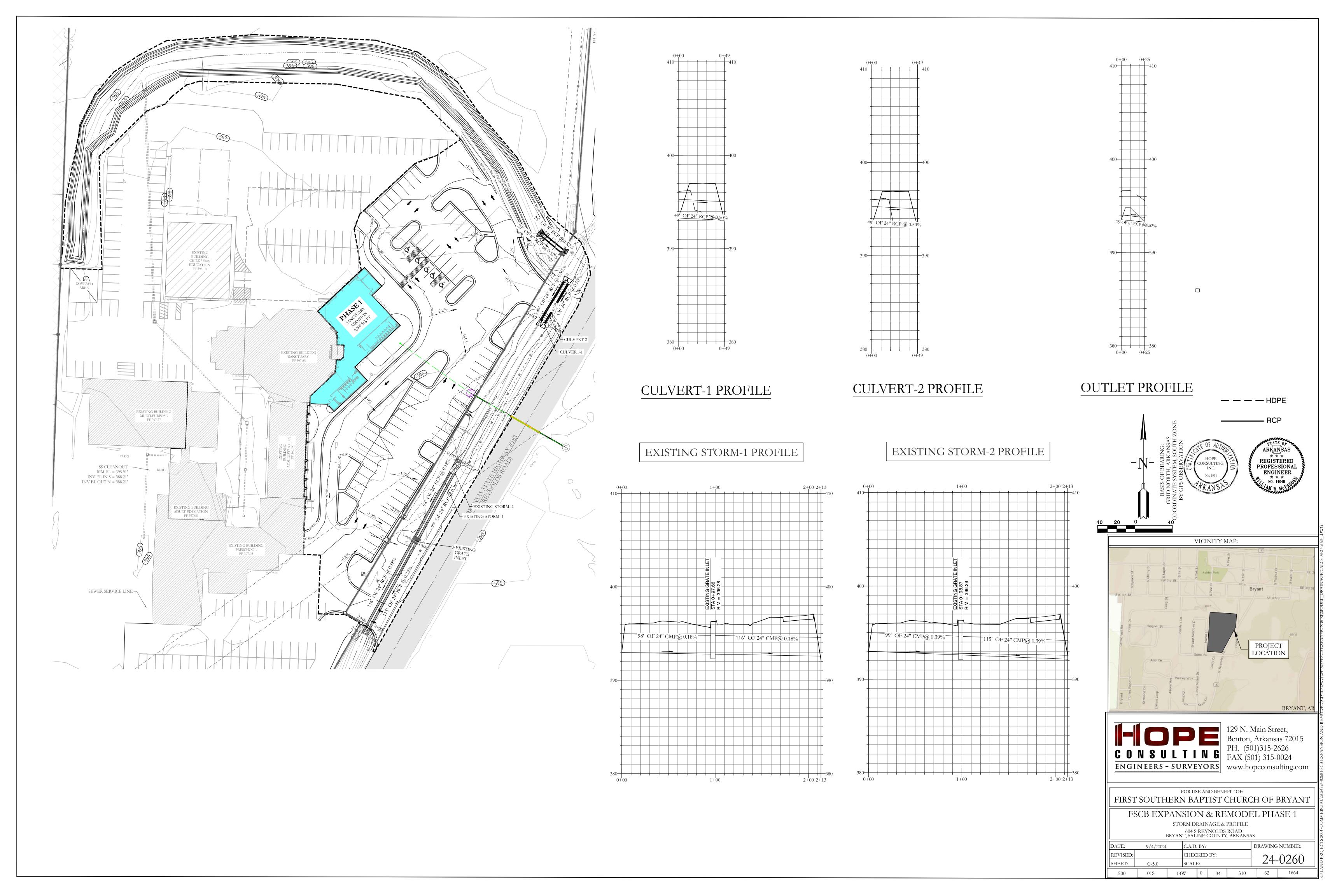
FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

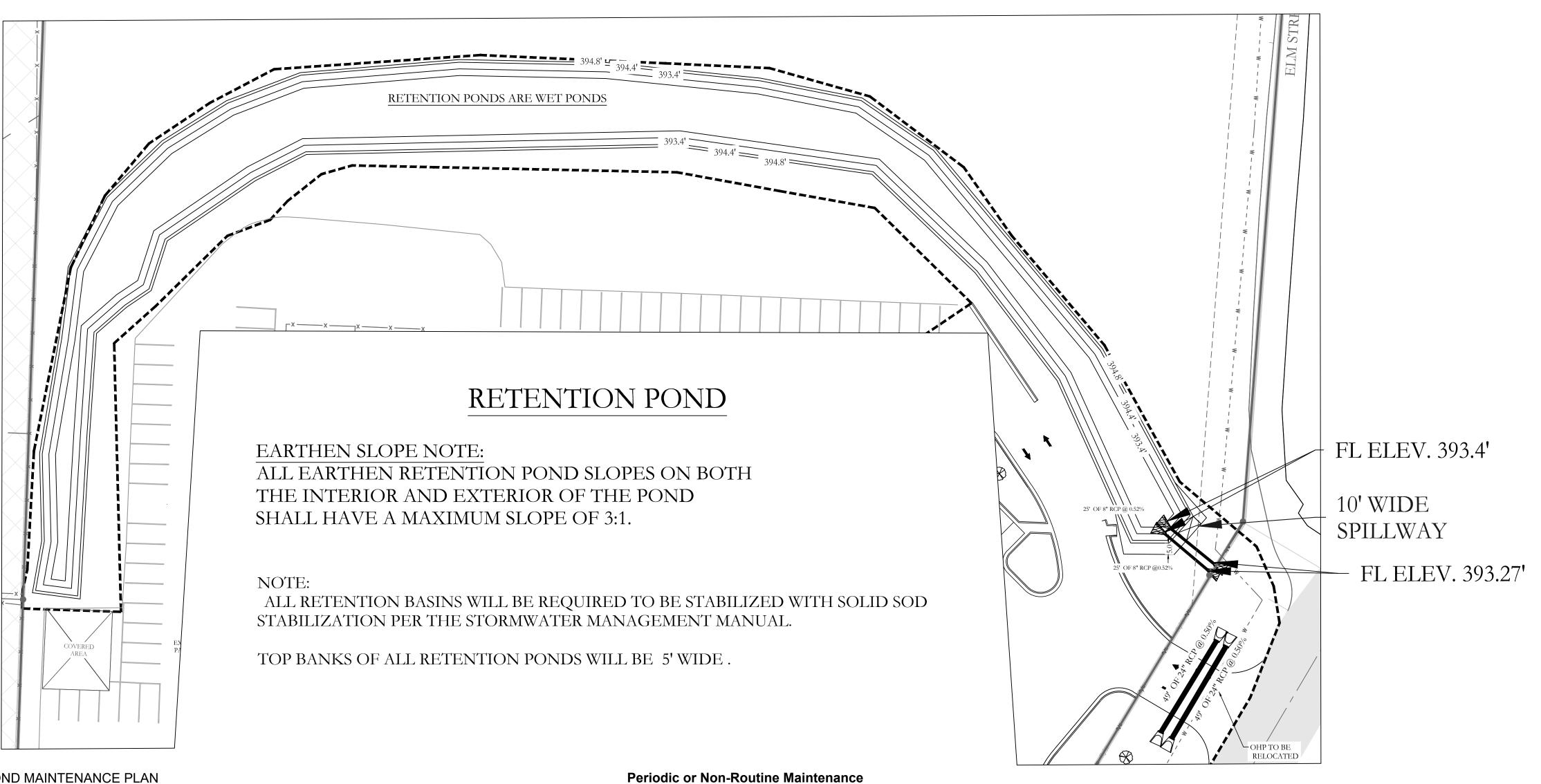
FSCB EXPANSION & REMODEL PHASE 1 SEWER PLAN & PROFILE 604 S REYNOLDS ROAD BRYANT, SALINE COUNTY, ARKANSAS

| DATE: | C.A.D. | BY: | | | DRAWING NUMBER: | | | |
|----------|--------|-----|-------|-----|-----------------|-----|----|-------|
| REVISED: | | | CHEC | KED | BY: | | 24 | 02/0 |
| SHEET: | C-3.0 | | SCALE | 3: | | | | -0260 |
| 500 | 01S | 14 | W | 0 | 34 | 310 | 62 | 1664 |



BRYANT, AR





Background

The Retention ponds are located on the periphery of the subdivision. They are designed to temporarily detain stormwater to meet water quantity criteria before discharging off the property.

Routine Maintenance:

The property owners association will maintain the drainage easements. Routine maintenance will include but not be limited to: -Mowing of the bank slopes and area around the pond on a monthly basis during the growing season and as needed during the cooler months.

-The outlet pipe from the pond and other areas will be inspected monthly for debris which could inhibit the proper flow of discharge. Any debris will be removed immediately and disposed of or placed in a location to prevent future maintenance and to not cause impact up or downstream of the structure.

-Trash will be removed from around the pond to prevent entering the pond. Generally, the site should be kept free of loose trash which could be carried off site by wind or rain.

-Inspect the pond and outlet pipe for non-routine maintenance need.

The routine inspection of the ponds areas and discharge pipes will identify needed repairs and non-routine maintenance. These items may include but not be limited to:

-Re-growth of trees on or around the pond bank. These should be cut and removed from the pond area.

-Sediment from the site may accumulate in the pond bottom and reduce the pond to below design volume requirements. The pond should be excavated if the pond bottom elevation reached a level that allows excessive aquatic growth or reduces the pond efficiency such, that the sediments are passing the discharge structure and release off site.

-Stabilization or re-grading of side slopes may be required periodically or after excessive rain events. Any disturbance of slopes should be reseeded or may require installation of erosion control materials until seeding can reestablish adequate grasses to prevent future erosion.

-Any other maintenance or repairs which would minimize other maintenance to the pond or outfall structures.



FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

CONSULTING PH. (501)315-2626 FAX (501) 315-0024 **ENGINEERS - SURVEYORS** www.hopeconsulting.com

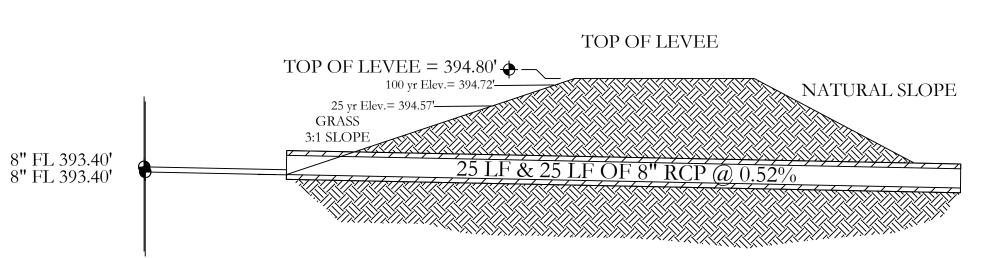
Benton, Arkansas 72015

FOR USE AND BENEFIT OF:

FSCB EXPANSION & REMODEL PHASE 1

RETENTION POND 604 S REYNOLDS ROAD BRYANT, SALINE COUNTY, ARKANSAS

DRAWING NUMBER: C.A.D. BY: 9/4/2024 REVISED: CHECKED BY: 24-0260 SCALE: C-6.0SHEET: 14W 0 34 310 62 1664



NTS

OUTLET SECTION

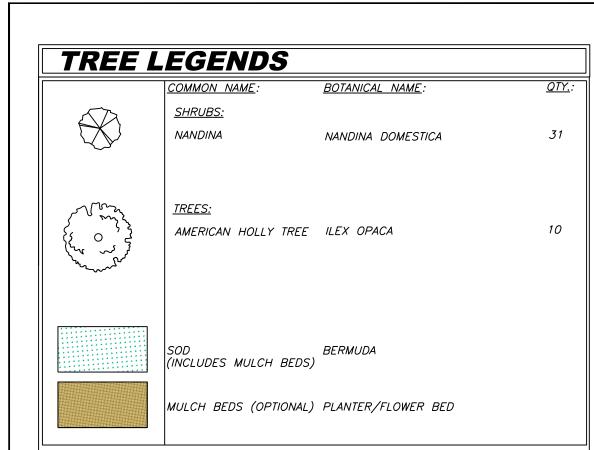
10' WIDE, 0.5' DEEP SPILLWAY TOP OF LEVEE = 394.80'394.30' +

6" CONCRETE SPILLWAY

CONSULTIN

SPILLWAY END VIEW

RETENTION POND



CITY PLATING REQUIREMENTS:

SECTION IV: MINIMUM LANDSCAPING CRITERIA

| | Residential Subdivision | C-1 | C-2 | PUD |
|---|---|-----------------------------------|------------------------------|-----|
| Trees | N/A | 1 each 1/3 acre or Fraction | 1 each ½ acre or Fraction | X* |
| Evergreens | N/A | 1/ 2,000 Sq. Ft. | 1/ 2,000 Sq. Ft. | Χ* |
| Bedding Plants or Ground Cover in Containment | Primary Entrance must be Landscaped | 100 Sq. Ft. Minimum | 100 Sq. Ft. Minimum | X* |
| Lawn (Grass) | N/A | Options | Options | X* |
| Open Space Natural or Landscaping | 100 Sq. Ft./Lot | N/A | N/A | X* |

* Landscape design must be approved

- No Planting within 5 feet of a fire hydrant.
- Spacing will be 40' between trees.
- Tree must be a minimum 3" in diameter @ the base and 12'+ tall.
- Existing trees meeting the minimum size can be counted to meet the criteria.
- No trees can be planted within thirty-foot (30') of a property comer or driveway.
- Shrubs along street fight-of-way lines cannot exceed thirty inches (30")

 Separations noted in the zoning regulations must be bermed or screened with landscaping and ground cover or grass.

City of Bryant Landscaping Ordinance # 2000-07

Page 4 of 8

The following list of shrubs, are those which have been found to be best suited to this area and yet requiring the least amount of maintenance. This list, along with the secondary list, are those shrubs which may be planted in the required landscape area. Additional selective shrubs may be substituted when proven to be hearty in this region.

Primary List:

COMMON NAME SCIENTIFIC NAME **Ilex species Evergreen Hollies** Nandina domestica Nandina

Secondary List: SCIENTIFIC NAME COMMON NAME

Abelia grandiflora Boxwood Busus sempervirens Chinese Photinia Photinia serrulata Note: Secondary listed shrubs require increased maintenance

1. The following grasses may be used to comply with this ordinance:

Mayer Z-52 Bermuda Grass Centipede Fescue

Zoysia Bermuda Grass hybrids St. Augustine

The Grasses listed in subsection (1) above are the more commonly used grasses adjacent to vehicular use areas.

Ground Covers

The following primary list of ground covers are recommended for use to comply with this ordinance.

COMMON NAME SCIENTIFIC NAME DwarfNandina N. domestica "Harbour Dwarf" Junipers Juniperus species Liriope Liriope Muscari Rosa Wichuraiana Memorial Rose Ophiopagon japonicus Mondo Grass Periwinkle Vinca minor E. fortunei "Radicans" **Spreading Euonymus**

City of Bryant Landscaping Ordinance # 2000-07

Page 6 of 8

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Bermuda Grass hybrids St. Augustine

The Grasses listed in subsection (1) above are the more commonly used grasses adjacent to vehicular use areas.

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City of Bryant Landscaping Ordinance # 2000-07

Spreading Euonymus

E. fortunei "Radicans"

Secondary List: (This list can be used but must be confined to a

COMMON NAME Carolina Jessamine Dwarf Bamboo English Ivy

SCIENTIFIC NAME Gelsemium sempervirens Arundinaria pygmaea Hedera Helix Lonicera sempervirens

Page 6 of 8

SECTION VI MAINTENANCE

Honeysuckle

- The developer, his successor and the property owner shall be responsible for regular weeding, irrigating, fertilizing, pruning and other maintenance of all planting on private property of a development. Plant materials which are installed for compliance with this ordinance, both on private property and the public right-of-way, which exhibit evidence of insect pests, disease and/or damage, shall be appropriately treated and dead plant materials shall be replaced.
- The owner of land abutting a constructed public right-of-way shall be responsible for the tree planting strip lying between the private property line and the curbline or backslope line and shall be required to regularly weed, mow, prune and maintain plantings in compliance with good horticultural practices.
- If the owner of land thus situated as in (2) above, neglects or refuses to maintain the areas as proscribed, after having been given ten (10) days notice in writing to maintain by the City, the owner shall be guilty of a misdemeanor.

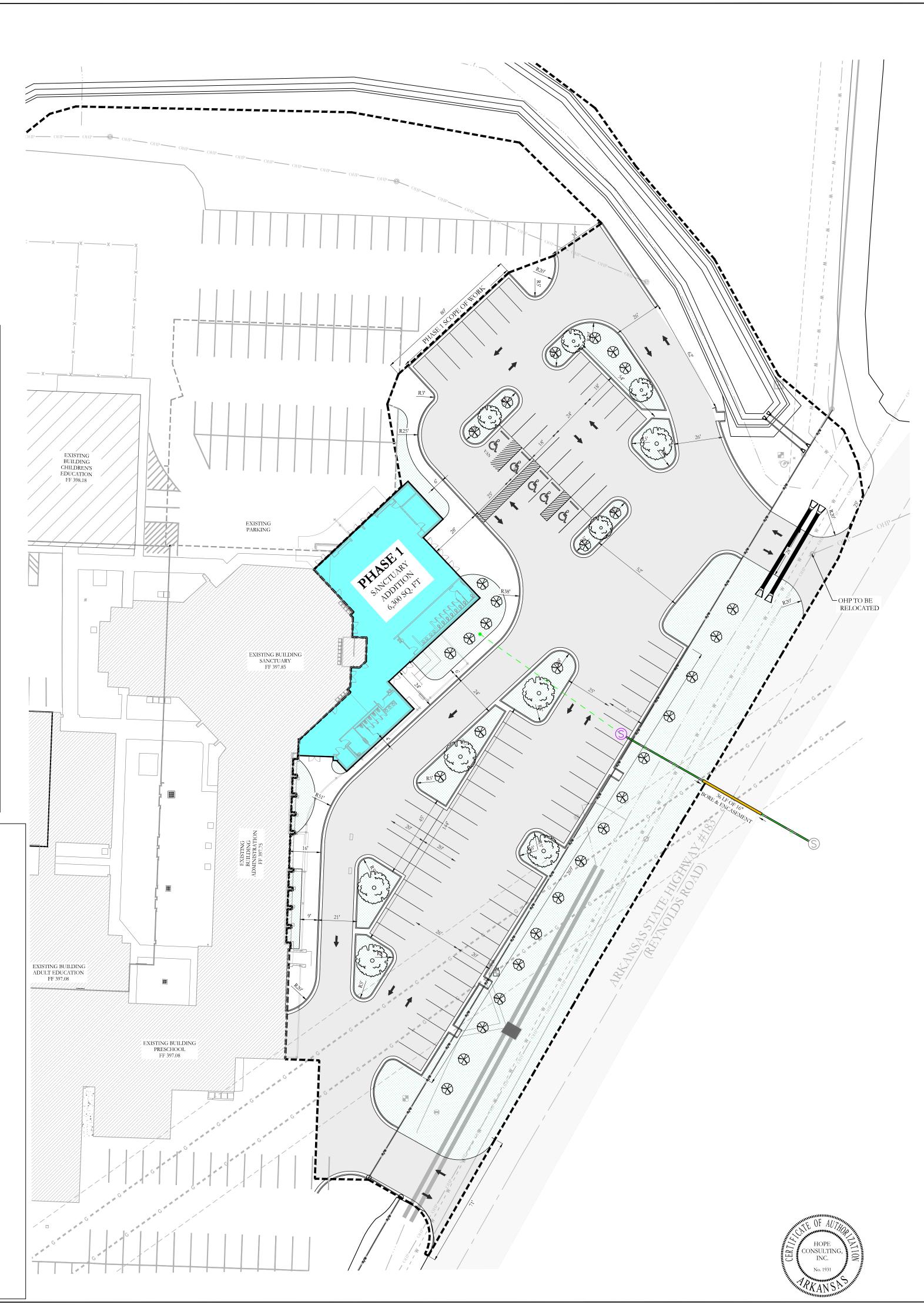
SECTION VII PLANNING COMMISSION APPROVAL

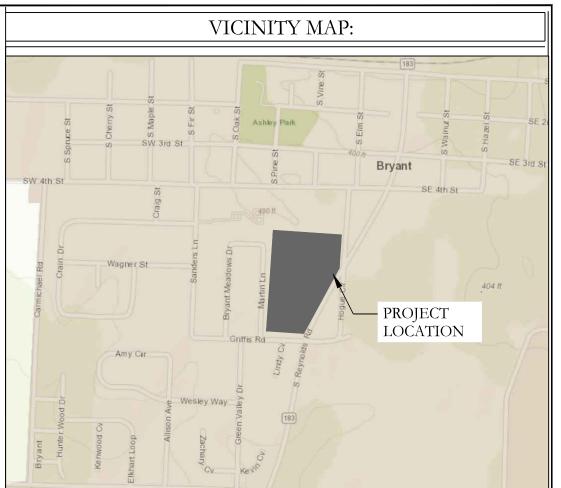
The City of Bryant Planning Commission will review and act on all landscaping proposals at the time building plans are submitted and in the case of subdivision at the preliminary plat submittal.

A certificate of occupancy will not be issued for a commercial establishment nor will the final subdivision plat be approved until landscaping requirements are satisfied.

SECTION VIII ENFORCEMENT

The code enforcement officer of the City of Bryant will enforce this ordinance and issue citations as authorized by law.







01S

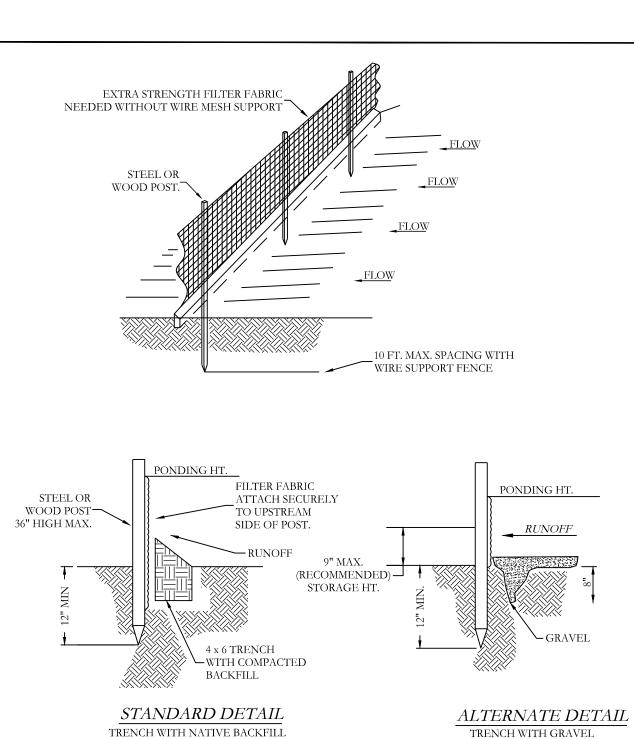
Benton, Arkansas 72015

FOR USE AND BENEFIT OF: FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

> CHURCH EXPANSION PHASE 1 LANDSCAPE PLAN

604 S REYNOLDS ROAD BRYANT, SALINE COUNTY, ARKANSAS C.A.D. BY: B.JOHNSON DRAWING NUMBER: REVISED: CHECKED BY: 24-0260 SHEET: C-7.0SCALE:

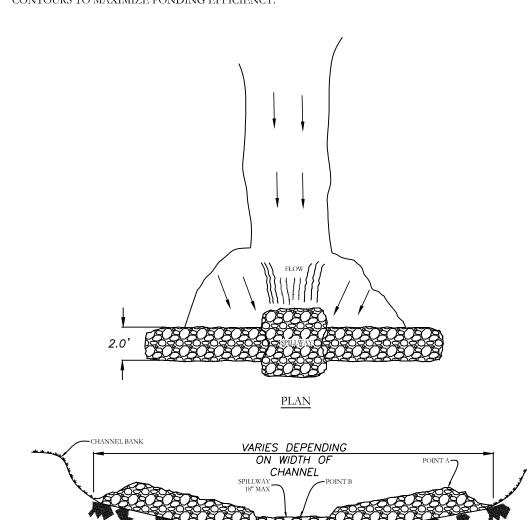
14W 0 34 310 62 1664



1.) INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN

2.) REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY

3.) SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



VIEW LOOKING UPSTREAM

1.) POINT 'A' MUST BE HIGHER THAN POINT 'B' (SPILLWAY HEIGHT)
2.) PLACE RIP-RAP BARRIER PERPENDICULAR TO THE FLOW WITH TIGHT GROUPING.
USE STRAW, ROCKS, OR FILTER FABRIC TO FILL ANY GAPS AND TAMP
BACKFILL MATTERIAL TO PREVENT EROSION OR FLOW AROUND THE DAM.
3.) SPILLWAY HEIGHT SHALL NOT EXEED 18"-24".
4.) INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPILY.

RIP-RAP CHECK DAM

SILT FENCE

TYPICAL SITE POSTING:
Rain Gage Mailbox containing: -1) SWPPP 2) Erosion Control Plan - Construction Site Notice FRONT VIEW

EROSION CONTROL NOTES

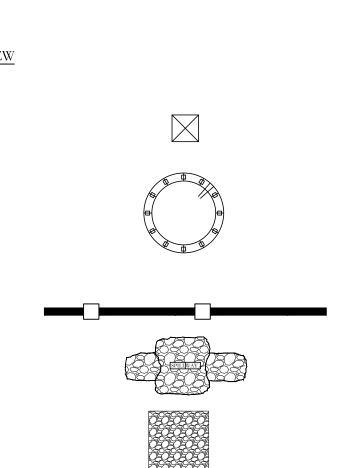
SOD DETENTION AREA POST-CONSTRUCTION (IF APPLICABLE) MAXIMUM SLOPE OF 3H:1V ON DETENTION POND LEVEES CONTRACTOR MUST HAVE INLET PROTECTION MEASURES INSTALLED IMMEDIATELY AFTER CONSTRUCTION OF DRAINAGE INLETS/STRUCTURES IS COMPLETE. SEDIMENT BARRIERS SHALL BE MÁINTAINED THROUGHOUT AND INSPECTED THROUGHOUT CONSTRUCTION PROCESS UNTIL PROJECT IS COMPLETE

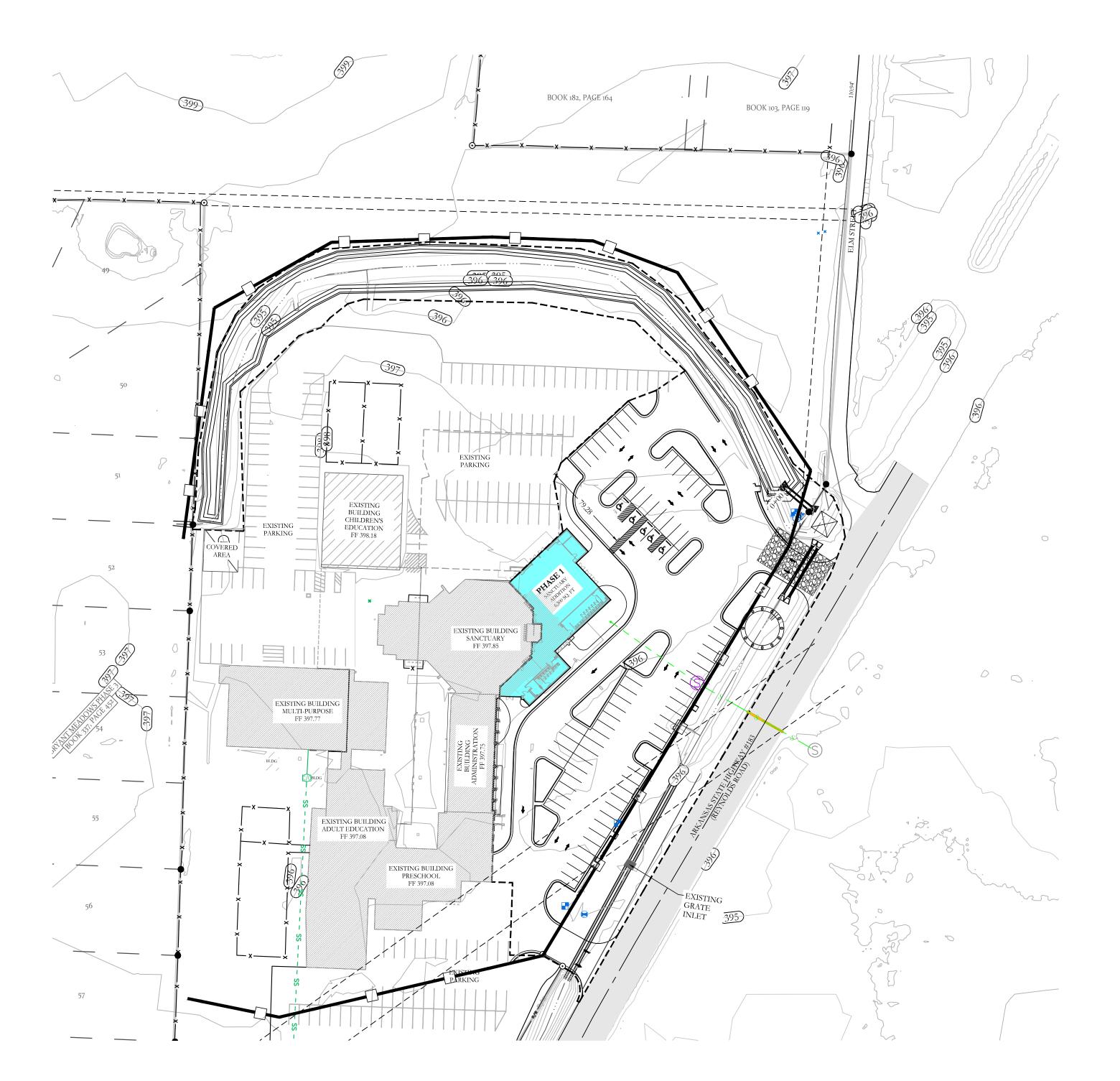
RIP RAP SEDIMENT BARRIERS SHALL BE USED AT ALL STORMWATER DISCHARGE POINTS SHOWN ON PLANS ASAP

CONTRACTOR SHOULD WORK WITH ENGINEER TO ESTABLISH
EFFECTIVE AND EFFICIENT PLAN TO PREVENT SEDIMENT RUNOFF
BY DETERMINING WHERE SILT FENCING OR OTHER TYPES OF
CONTROLS ARE NECESSARY

SOME EROSION CONTROL MEASURES, SILT FENCING, OR CHECK DAMS MAY NOT BE NECESSARY DURING INITIAL ROW CLEARING BUT MAY BE NEEDED ONCE LOT CLEARING AND HOME BUILDING

EXISTING VEGETATION WILL ONLY BE REMOVED INSIDE ROW AND WITHIN HOUSE FOOTPRINTS AS THEY ARE CONSTRUCTED.
ADDITIONAL SILT FENCING WILL BE ADDED TO INDIVIDUAL LOTS AS HOME CONSTRUCTION TAKES PLACE.





ERC LEGEND

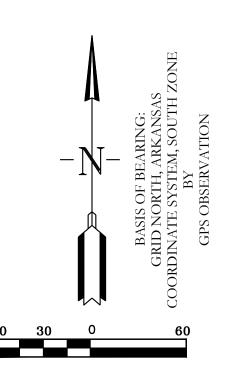
SITE POSTING/ RAIN GUAGE

CONC. WASHOUT DETENTION AREA

SILT FENCE

RIP RAP CHECK DAM

CONSTRUCTION ENTRANCE





FOR USE AND BENEFIT OF: FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

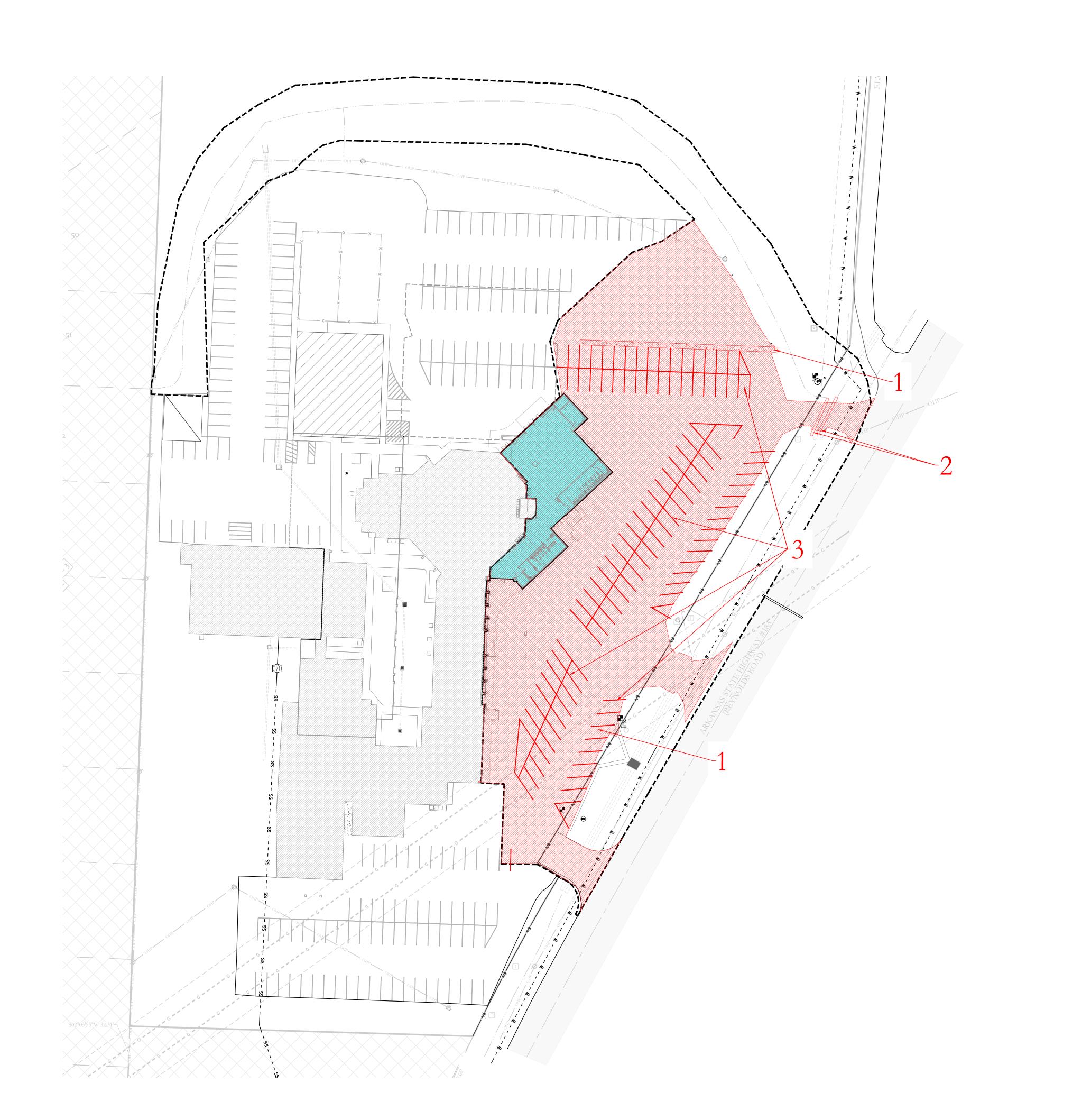
VICINITY MAP:

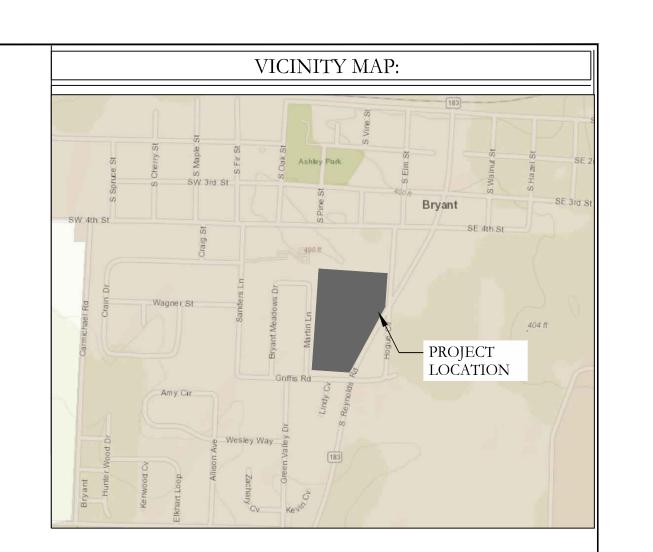
LOCATION

FSCB EXPANSION & REMODEL PHASE 1

EROSION CONTROL PLAN 604 S REYNOLDS ROAD

| ı | BRYANT, SALINE COUNTY, ARKANSAS | | | | | | | | | | |
|---|---------------------------------|------------|--------|-----------|-----|-----|-----------|-------|--|--|--|
| | DATE: | 09-04-2024 | DRAWIN | G NUMBER: | | | | | | | |
| l | REVISED: | | C | HECKED | BY: | |] 24.0260 | | | | |
| l | SHEET: | C-8.0 | S | CALE: | | | <u> </u> | -0260 | | | |
| l | 500 | 018 | 1.4W/ | 0 | 3/1 | 310 | 62 | 1664 | | | |





OWNER:

Address: 604 S Reynolds Rd, Bryant, Arkansas
72022
Email & peter@fsbcbryant.org
Phone: 501-847-3014

DEVELOPER: Name: Peter Cunningham

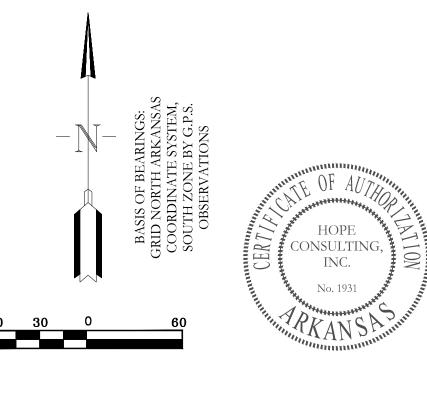
Address: 604 S Reynolds Rd, Bryant, Arkansas

72022
Email & peter@fsbcbryant.org
Phone: 501-847-3014

DEMO PLAN NOTES

- 1. DEMOLITION OF ASPHALT & CONCRETE AREA(70,260 SF)
- 2. DEMOLITION OF EXISTING CULVERTS
- 3. DEMOLITION OF EXISTING PARKING SPACE

CIVIL ENGINEER HOPE CONSULTING INC 129 N. MAIN STREET BENTON, AR 72015 CONTACT: KAZI TAMZIDUL ISLAM PHONE: 501-315-2626 EMAIL: kazi@hopeconsulting.com





ENGINEERS - SURVEYORS www.hopeconsulting.com

FOR USE AND BENEFIT OF: FIRST SOUTHERN BAPTIST CHURCH OF BRYANT

CHURCH EXPANSION PHASE 1

DEMO PLAN

604 S REYNOLDS ROAD BRYANT, SALINE COUNTY, ARKANSAS C.A.D. BY: B.JOHNSON DRAWING NUMBER: REVISED: CHECKED BY: 24-0260 C-9.0

500 01S 14W 0 34 310 62 1664