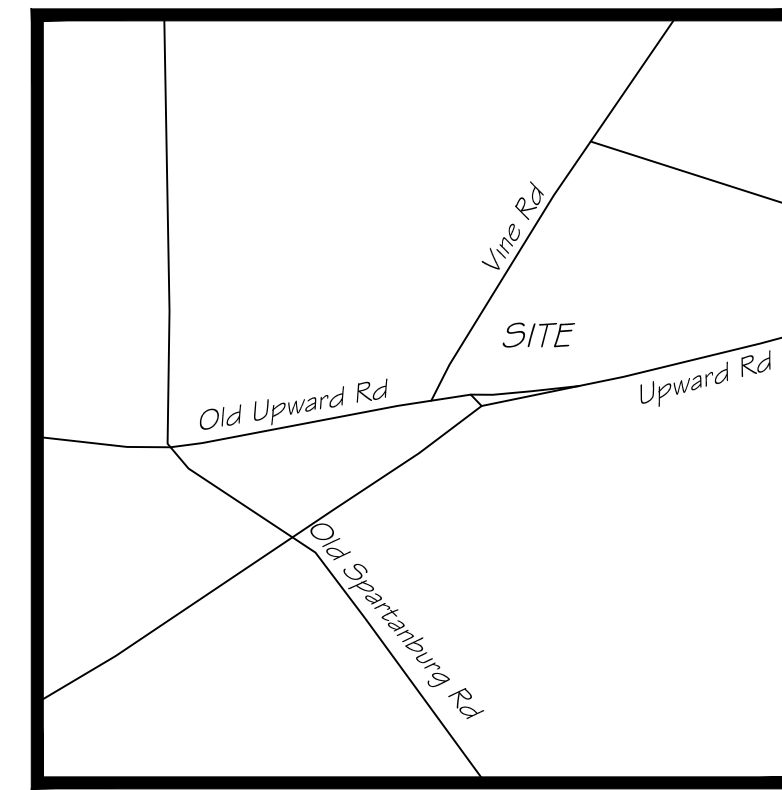
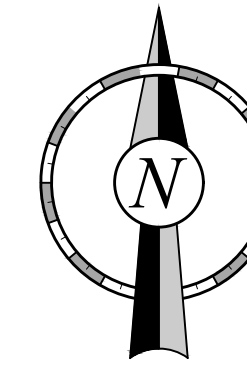


SITE DEVELOPMENT PLANS FOR LIVING SAVIOR LUTHERAN CHURCH

200 UPWARD ROAD HENDERSONVILLE, NC



Vicinity Map
Not to Scale



| Sheet List Table | |
|------------------|-------------------------------|
| Sheet Number | Sheet Title |
| 1 OF 18 | COVER SHEET |
| 2 OF 18 | SURVEY |
| 3 OF 18 | DEMOLITION PLAN |
| 4 OF 18 | SITE PLAN |
| 5 OF 18 | SITE DETAILS |
| 6 OF 18 | GRADING PLAN |
| 7 OF 18 | STORM PLAN |
| 8 OF 18 | STORM DETAILS |
| 9 OF 18 | PRE-DEVELOPMENT DRAINAGE MAP |
| 10 OF 18 | POST-DEVELOPMENT DRAINAGE MAP |
| 11 OF 18 | EROSION CONTROL PLAN PHASE I |
| 12 OF 18 | EROSION CONTROL PLAN PHASE II |
| 13 OF 18 | EROSION CONTROL DETAILS |
| 14 OF 18 | EROSION CONTROL DETAILS |
| 15 OF 18 | UTILITY PLAN |
| 16 OF 18 | UTILITY DETAILS |
| 17 OF 18 | SIGHT DISTANCE |
| L1.00 OF L1.05 | LANDSCAPE PLAN |
| L1.01 OF L1.05 | LANDSCAPE PLAN |
| L1.02 OF L1.05 | LANDSCAPE PLAN |
| L1.03 OF L1.05 | LANDSCAPE PLAN |
| L1.04 OF L1.05 | LANDSCAPE PLAN |
| L1.05 OF L1.05 | LANDSCAPE PLAN |

MUNICIPAL CONTACT LIST:

CITY OF HENDERSONVILLE

PLANNING AND ZONING DIVISION
CITY OF HENDERSONVILLE
160 SIXTH AVE EAST
HENDERSONVILLE, NC 28792
TEL: 828-697-3064
CONTACT: MATTHEW MANLEY

TRANSPORTATION DEPARTMENT
NCDOT
4142 HAYWOOD ROAD
MILLS RIVER, NC 28759
TEL: 828-891-7911
FAX: 828-891-596
CONTACT: RUSTY DARNELL

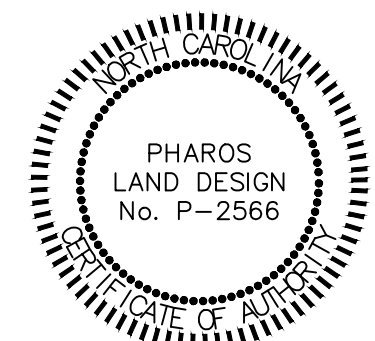
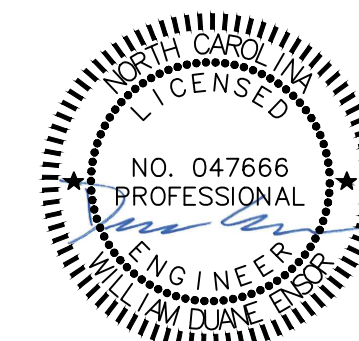
CITY OF HENDERSONVILLE WATER UTILITIES
TEL: 828-697-3000
CONTACT: ADAM STEURER, PE

CITY FIRE DEPARTMENT
632 SUGARLOAF ROAD
HENDERSONVILLE, NC 28792
TEL: 828-697-3024

PROJECT CONTACT LIST:

SURVEYOR OF RECORD
ASSOCIATED LAND SURVEYORS AND
PLANNERS, PLLC
CAMERON S. BAKER, PLS
PO BOX 578
HORSE SHOE, NC 28742
TEL: 828-890-3507

ENGINEER OF RECORD
PHAROS LAND DESIGN, PLLC
W. DJANE ENSOR, PE
204 PARIS GLEN WAY
GREENVILLE, SC 29609
TEL: 843-693-2335



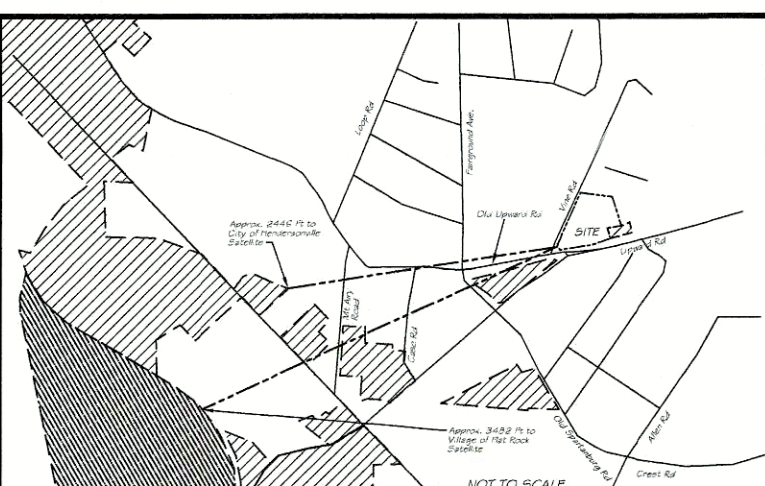
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| PREPARED FOR: ADEPTUS ARCHITECTURE 121 MANLY STREET GREENVILLE, SC 29601 | PREPARED BY: PHAROS LAND DESIGN, LLC Civil Site Engineering PO Box 31182, Greenville, SC 29608 c: 843-693-2335 | REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> | NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | LIVING SAVIOR CHURCH COVER SHEET |
|--|---|---|-----------------|-----------------------------|-------------|-----|------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG. BY: | | JOB NO: PMW-001 | FLD. BK: | SHEET NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NC COA: P-2566 | | DRN BY: WDE | SCALE: AS SHOWN | DATE: 03.04.2024 1 OF 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- Notes:
1. Property is subject to all easements, restrictions and right of ways of record.
 2. The locations of underground utilities are based on above-ground structures and record drawings provided to the surveyor. Locations of underground utilities/structures may vary from locations shown hereon. Additional buried utilities/structures may be encountered.
 3. Surveyor has made no investigation or independent search for easements of record, encumbrances, restrictive covenants, ownership title evidence, or any other facts that an accurate title search may disclose.
 4. The certification of survey and plat was prepared for the entity named in the title block hereon and does not extend to any other entity, unless recertified by the professional land surveyor.
 5. All miscellaneous survey related materials, including but not limited to, project plans, deed and ROW research, maps, field notes and data, survey reports, record title report, calculations, working drawings, estimates, and other materials acquired and/or prepared by the surveyor as instruments of service shall remain the property of the surveyor and assigns.
 6. This drawing is not valid unless the original signature and stamp are attached. Any reproduction or variance to this survey by electronic or any other means are not to be considered issued by the professional surveyor.
 7. Property is currently zoned CMHU by the City of Hendersonville.
 8. Property is not located in a Water Supply Watershed.
 9. Property is not located within 1/2 mile of a designated Farmland Preservation District.
 10. Property is located in Zone X, minimal flood risk as per FRIS Map Panel 9578, Map # 37009578001, effective date 10-02-2008.
 11. This area deeded to NCDOT as per D.B. 1361, Pg. 702. No other transfer of title found to NCDOT for right of way for Upward Rd.
 12. Annexation plat recorded at Plat slide 15174.

Grid North
142825 (2011)

4.72 Acres
Area By Coordinate Computation



Vicinity Map



I, Cameron S. Baker, certify that this plat was drawn under my supervision from an actual survey under my supervision, (see description recorded in Book 3426, Page 485...) that the ratio of precision as calculated by latitudes and departures does not exceed 1:10,000 and that this map was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, license number and seal this 25 day of Feb, 2024.

Cameron S. Baker
Professional Land Surveyor No. L-4920

Global Positioning System Certification (RTK)
The Positional Accuracy Of The RTK Derived Positional Information is 0.03' Horizontal & 0.03' Vertical

Horizontal Positional Are Referenced to NAD 83 (NSRS 1991)

Vertical Positions Are Referenced To NAVD 88 (Geoid 12)

Combined Factor 0.99877470 (Ground To Grid)

Equipment Used: Carlson GPS-BR6

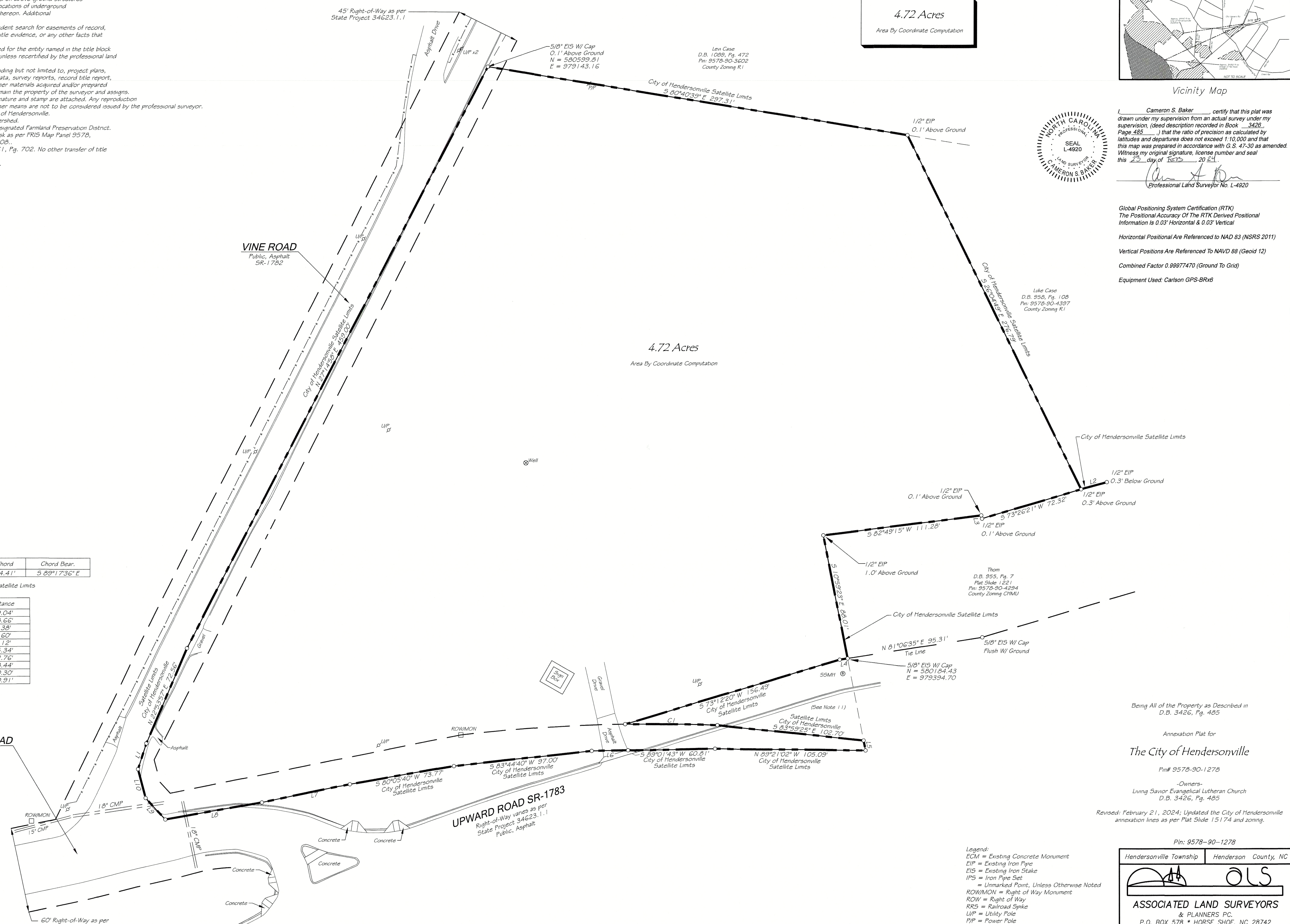
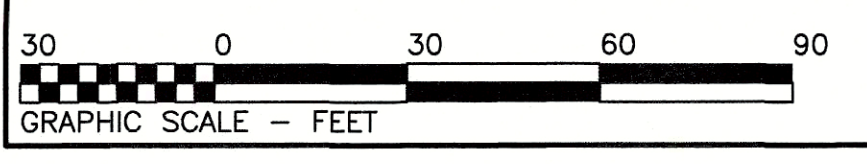
Luke Case
D.B. 958, Pg. 108
Plat Slide 90-4397
County Zoning R1

4.72 Acres
Area By Coordinate Computation

| Curve | Radius | Length | Chord | Chord Bear. |
|-------|----------|--------|--------|---------------|
| C1 | 1158.20' | 64.42' | 64.41' | S 89°17'36" E |

C1, L1, L4-L10 Are City of Hendersonville Satellite Limits
L2 is a Tie Line

| Course | Bearing | Distance |
|--------|---------------|----------|
| L1 | N 17°46'58" E | 19.04' |
| L2 | N 74°39'44" E | 18.66' |
| L3 | N 14°06'44" W | 2.38' |
| L4 | S 81°10'08" W | 5.60' |
| L5 | S 10°59'23" E | 7.12' |
| L6 | S 89°01'43" W | 25.34' |
| L7 | S 78°18'45" W | 62.76' |
| L8 | S 79°58'47" W | 68.44' |
| L9 | N 42°47'57" W | 20.30' |
| L10 | N 14°48'09" W | 20.91' |



Being All of the Property as Described in
D.B. 3426, Pg. 485

Annexation Plat for
The City of Hendersonville
Pin# 9578-90-1278

Owners:
Living Savior Evangelical Lutheran Church
D.B. 3426, Pg. 485

Revised: February 21, 2024; Updated the City of Hendersonville annexation lines as per Plat Slide 15174 and zoning.

Pin: 9578-90-1278

- Legend:
- ECM = Existing Concrete Monument
 - EIP = Existing Iron Pipe
 - EIS = Existing Iron Stake
 - IPS = Iron Pipe Set
 - UM = Unmarked Point, Unless Otherwise Noted
 - ROWMON = Right of Way Monument
 - ROW = Right of Way
 - RR5 = Railroad Spike
 - UP = Utility Pole
 - PP = Power Pole
 - CMP = Corrugated Metal Pipe
 - SSMH = Sanitary Sewer Manhole
 - BSL = Building Setback Line
 - F = Fence

Hendersonville Township Henderson County, NC

ASSOCIATED LAND SURVEYORS
& PLANNERS PC.
P.O. BOX 578 * HORSE SHOE, NC 28742
(828) 890-3507 NC BUSINESS LICENSE NO. C-2774
SCALE: 1 Inch = 30 Feet DATE: August 15, 2023
JOB NO.: S-21-172 DRAWN BY: KMK/JTB

| SITE CHART | |
|-------------------------------------|-------------------------------|
| TOTAL PROJECT AREA | 4.754 ACRES |
| PROPOSED LOT AREAS | 1 LOT - 4.754 ACRES |
| SITE COVERAGE - BUILDINGS | 8,030 SF : 3.88% |
| SITE COVERAGE - OPEN SPACE | 80% |
| SITE COVERAGE - STREETS AND PARKING | 0.54 ACRES (NOT INCL. FUTURE) |
| SITE COVERAGE - OTHER FACILITIES | N/A |
| SITE COVERAGE - COMMON SPACE | 11% |

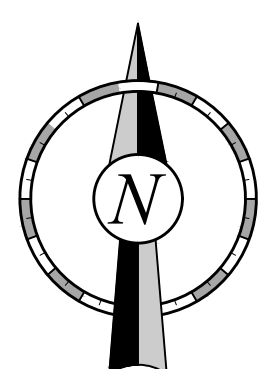
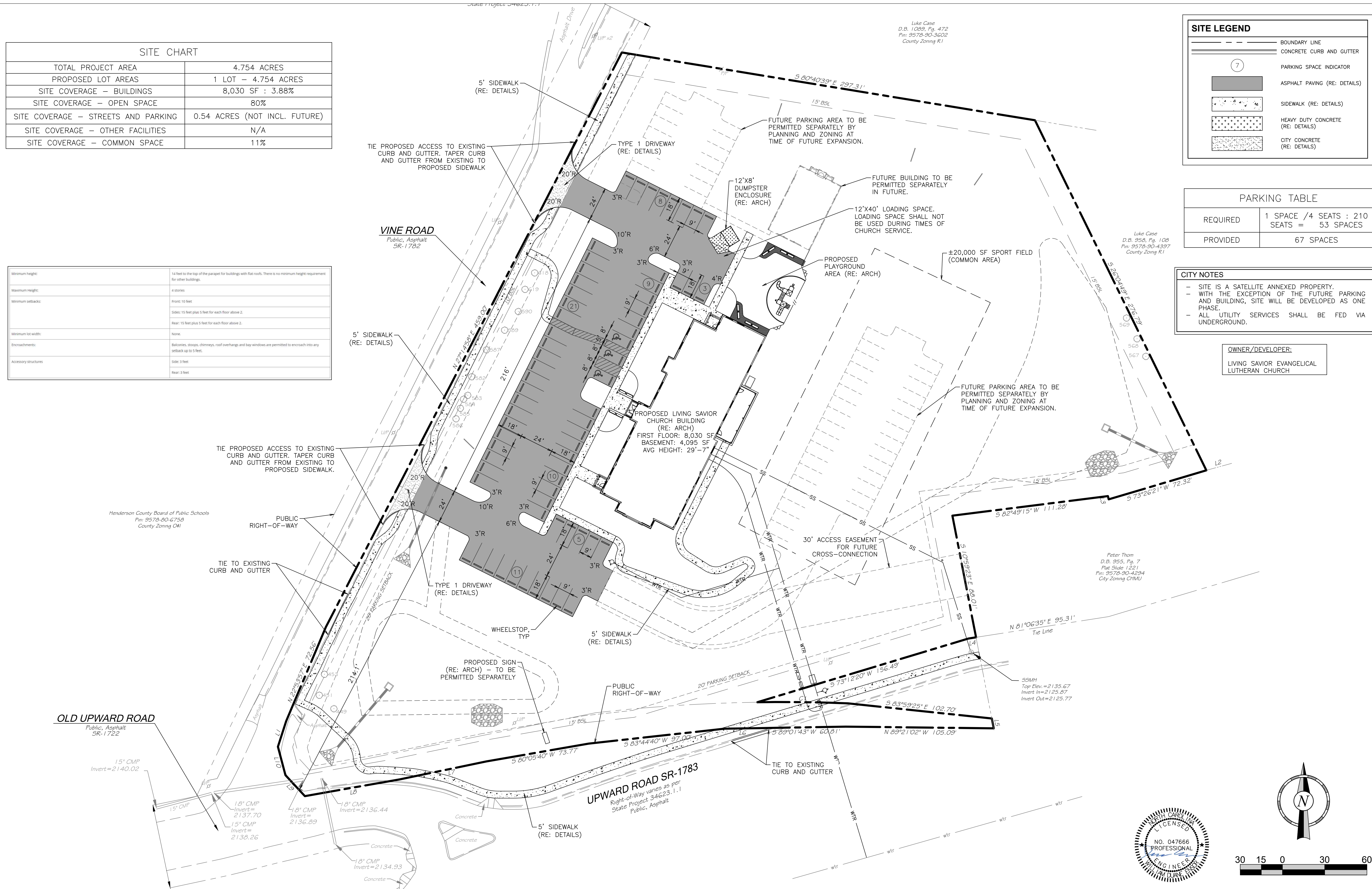
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|-----------------------|--|
| Minimum height: | 14 feet to the top of the parapet for buildings with flat roofs. There is no minimum height requirement for other buildings. |
| Maximum Height: | 4 stories |
| Minimum setbacks: | Front: 10 feet Sides: 15 feet plus 5 feet for each floor above 2. Rear: 15 feet plus 5 feet for each floor above 2. |
| Minimum lot width: | None. |
| Encroachments: | Balconies, stoops, chimneys, roof overhangs and bay windows are permitted to encroach into any setback up to 5 feet. |
| Accessory structures: | Side: 3 feet Rear: 3 feet |

| SITE LEGEND | |
|-------------|-----------------------------------|
| | BOUNDARY LINE |
| | CONCRETE CURB AND GUTTER |
| | PARKING SPACE INDICATOR |
| | ASPHALT PAVING (RE: DETAILS) |
| | SIDEWALK (RE: DETAILS) |
| | HEAVY DUTY CONCRETE (RE: DETAILS) |
| | CITY CONCRETE (RE: DETAILS) |

| PARKING TABLE | |
|---------------|---|
| REQUIRED | 1 SPACE / 4 SEATS : 210 SEATS = 53 SPACES |
| PROVIDED | 67 SPACES |

- CITY NOTES**
- SITE IS A SATELLITE ANNEXED PROPERTY.
 - WITH THE EXCEPTION OF THE FUTURE PARKING AND BUILDING, SITE WILL BE DEVELOPED AS ONE PHASE.
 - ALL UTILITY SERVICES SHALL BE FED VIA UNDERGROUND.

OWNER/DEVELOPER:
LIVING SAVIOR EVANGELICAL LUTHERAN CHURCH



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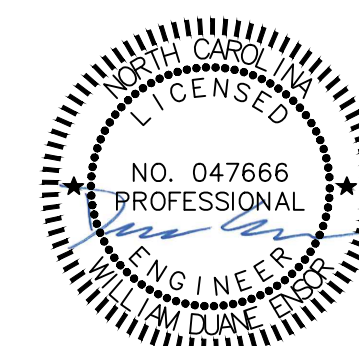
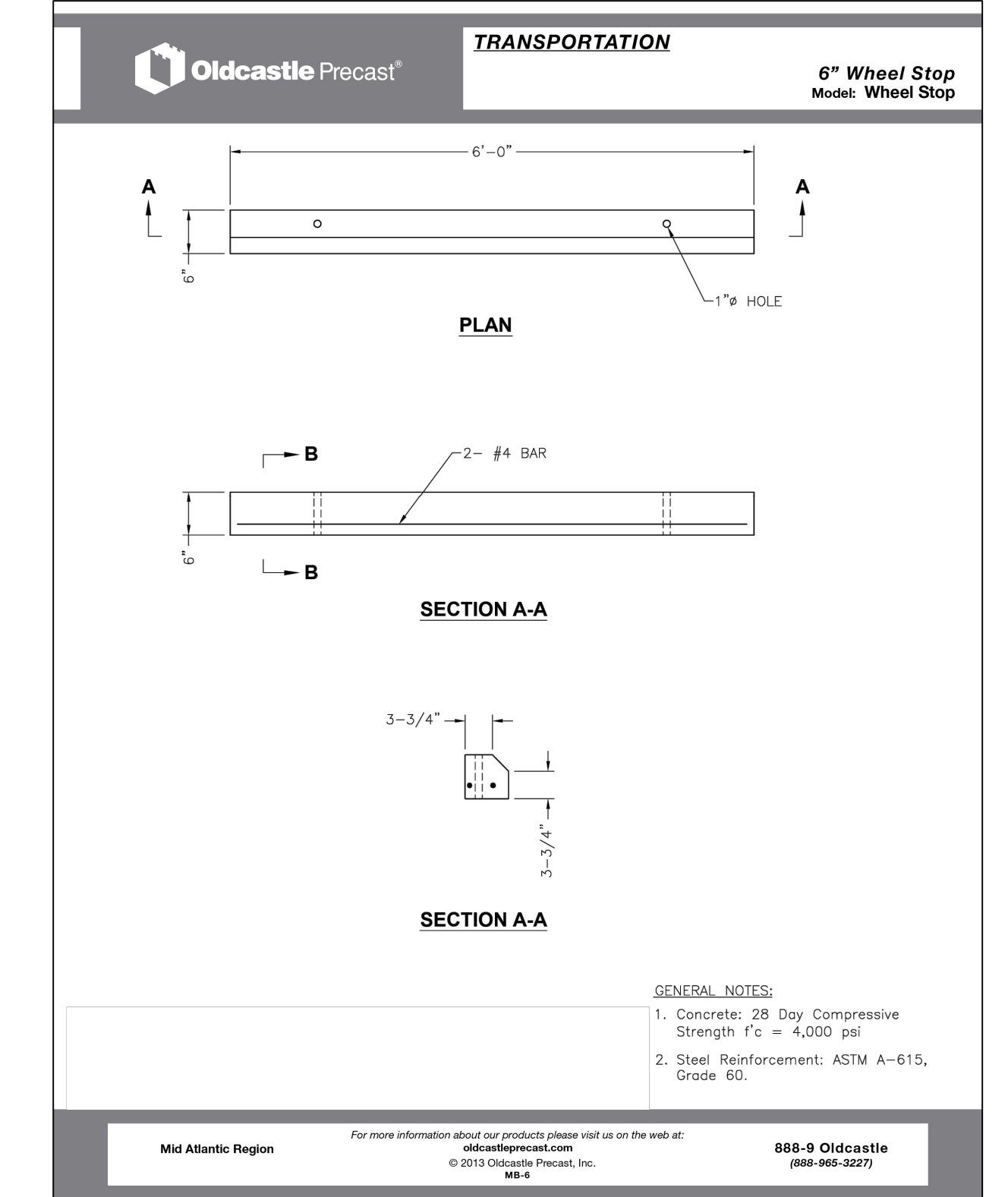
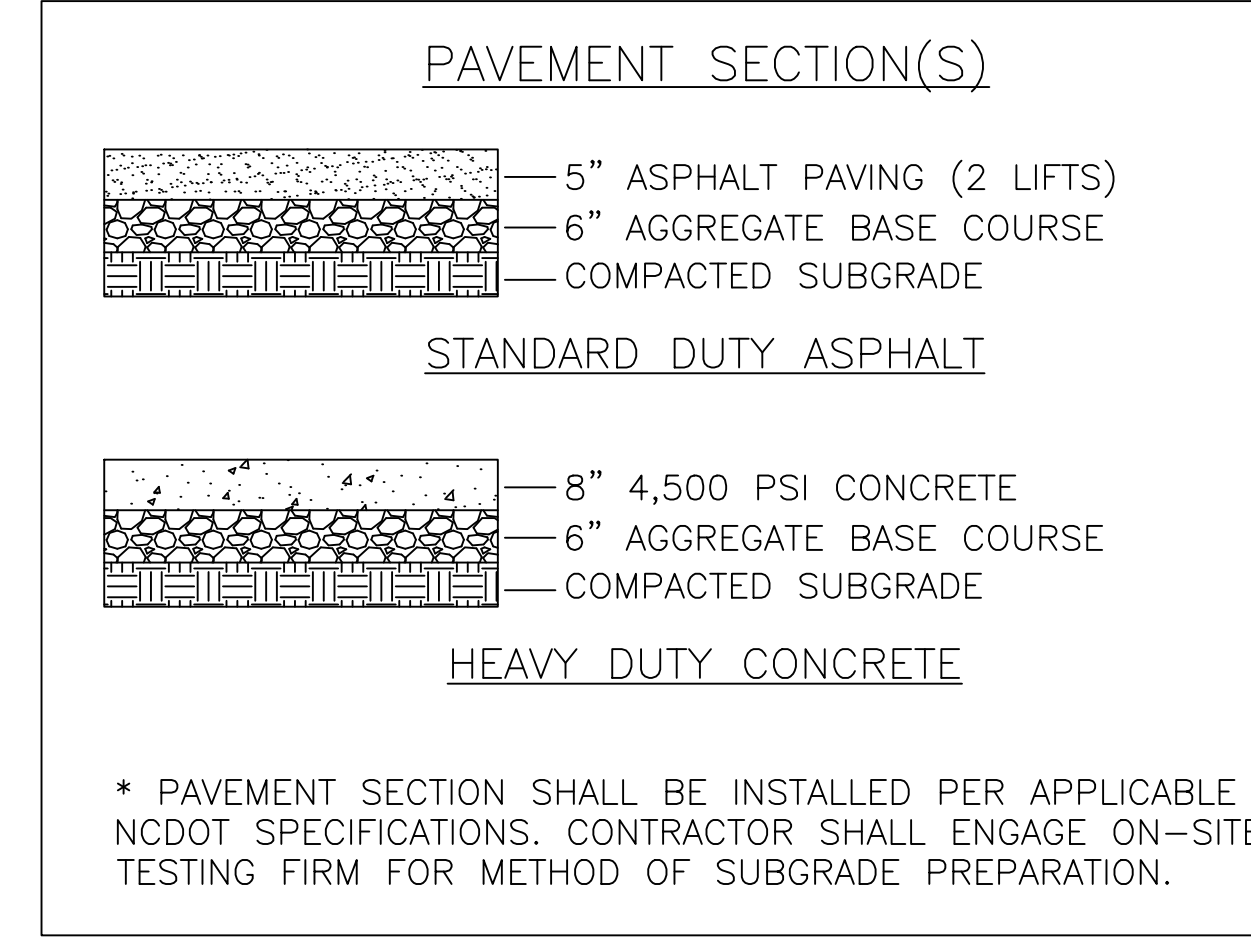
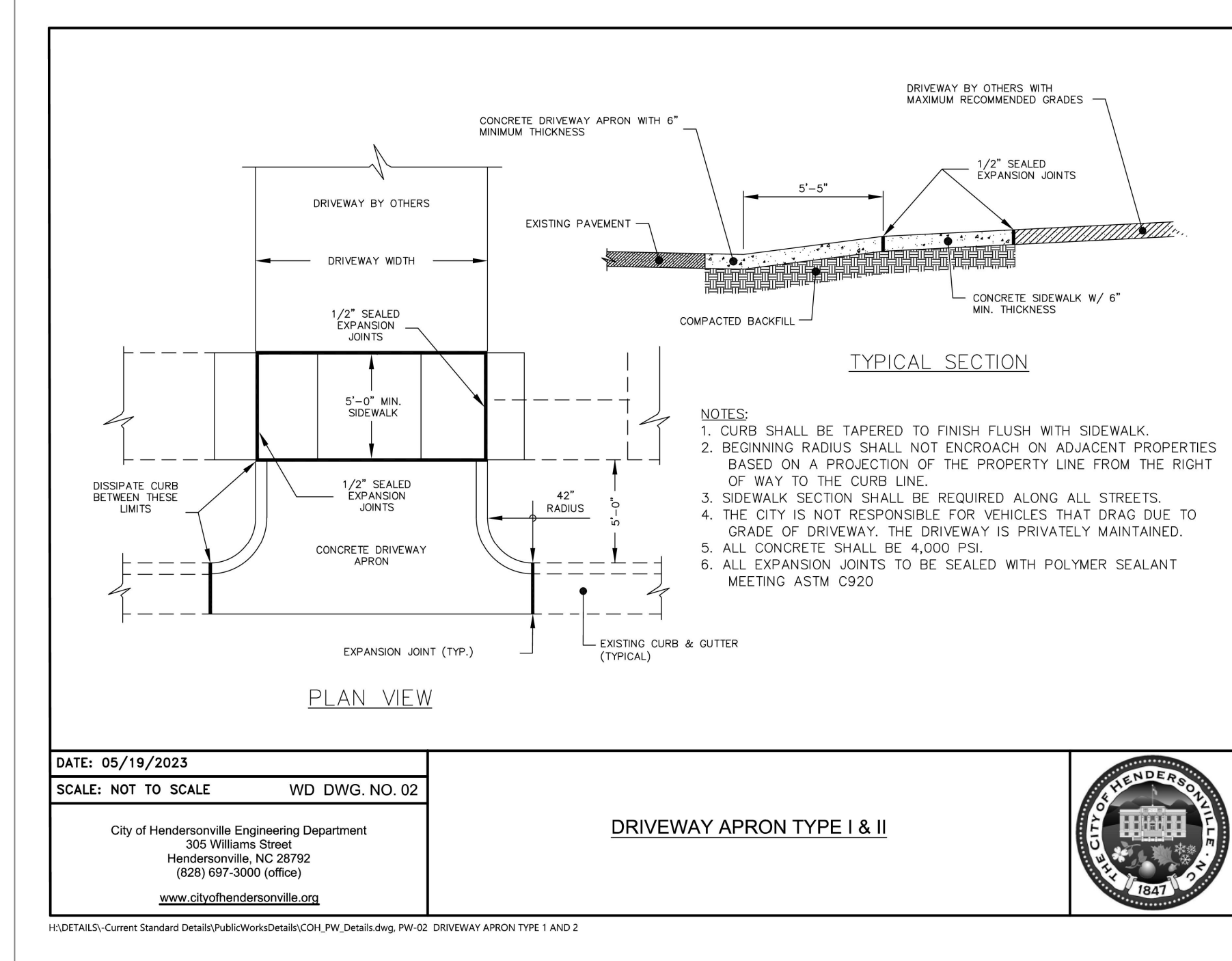
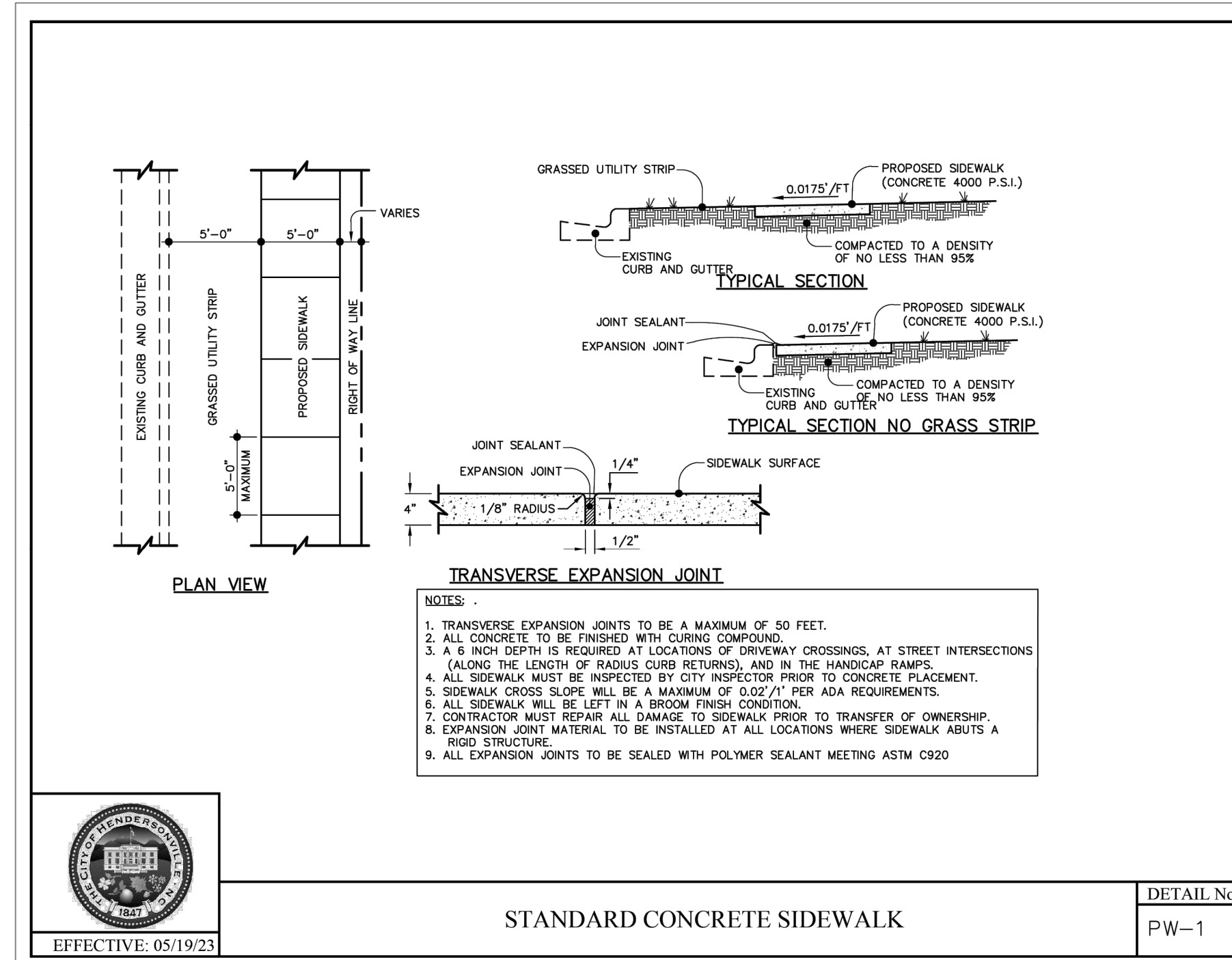
PREPARED FOR:
ADEPTUS ARCHITECTURE
121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

| REVISIONS | | REVISIONS | | | |
|-----------|------|-------------|-----|------|-------------|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
| | | | | | |
| | | | | | |

| LIVING SAVIOR CHURCH | | | |
|---|-------------|-----------------|-------------------|
| SITE PLAN | | | |
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.SBN | BY: WDE | JOB NO: PMW-001 | FLD. BK: |
| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | DATE: 03.04.2024 |
| | | | SHEET NO. 4 OF 18 |

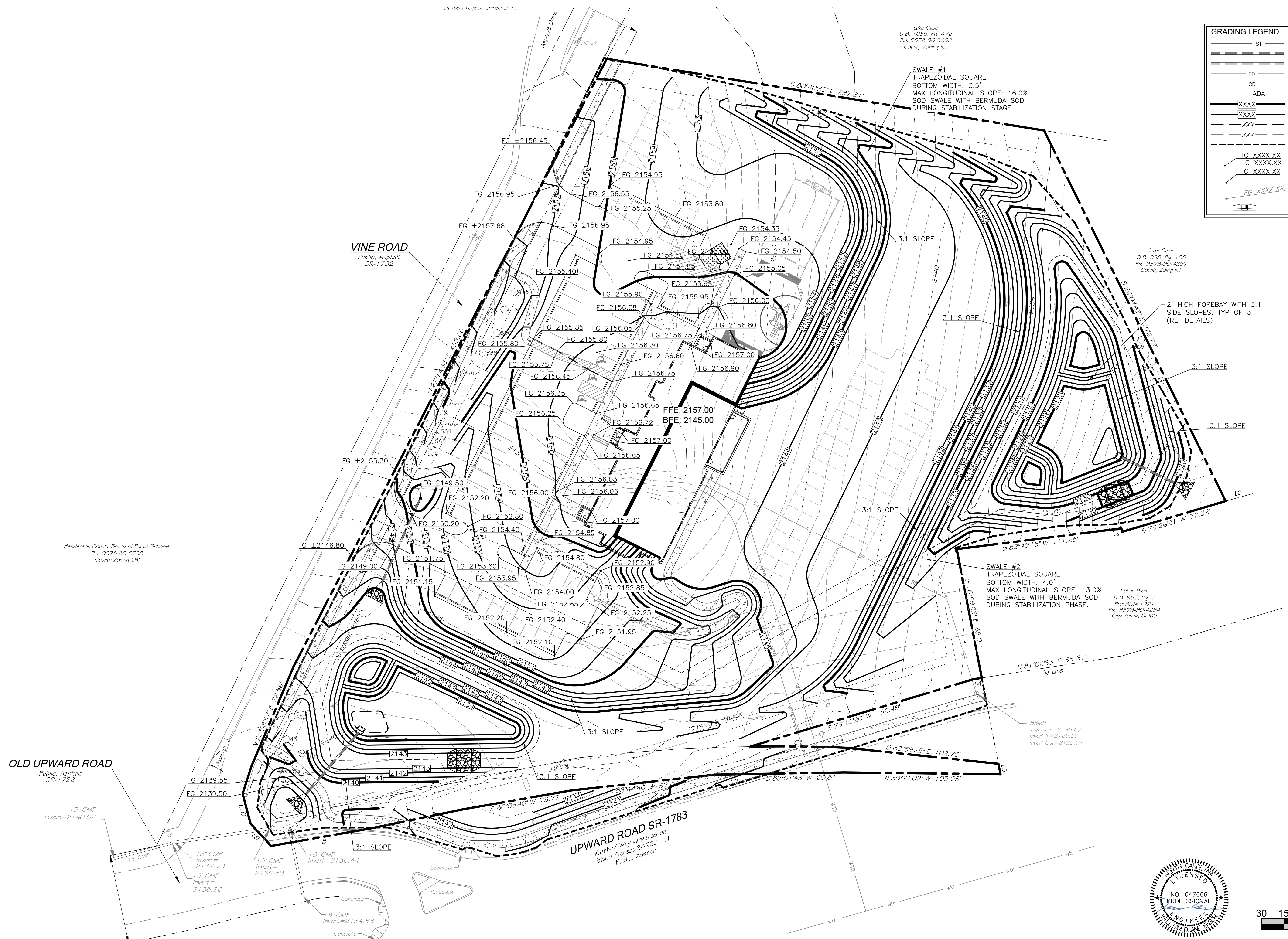
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| | | NO. DATE DESCRIPTION | NO. DATE DESCRIPTION | FILE NAME: LIVING SAVIOR CHURCH CHVLSON. BY: NC COA: P-2566 |
| | | | | JOB NO: PMW-001 |
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| GRADING LEGEND | |
|----------------|--------------------------------|
| ST | STORM PIPE (≤ 10" NEW) |
| ST | STORM PIPE (≥ 12" NEW) |
| ST | STORM PIPE (≥ 12" EXISTING) |
| FD | FRENCH DRAIN |
| CD | BACK OF CURB DRAIN |
| ADA | ADA PATH OF TRAVEL |
| XXXX | MAJOR CONTOUR (NEW) |
| XXXX | MINOR CONTOUR (NEW) |
| XXX | MAJOR CONTOUR (EXISTING) |
| XXX | MINOR CONTOUR (EXISTING) |
| --- | LIMITS OF DISTURBANCE |
| TC XXXX.XX | TOP OF CURB ELEVATION (NEW) |
| G XXXX.XX | GUTTER ELEVATION (NEW) |
| FG XXXX.XX | FINISHED GRADE ELEVATION (NEW) |
| FG XXXX.XX | SPOT ELEVATION (EXISTING) |
| SG | STORM GRATE (NEW) |



Henderson County Board of Public Schools
D.B. 9578-90-675B
County Zoning CM1

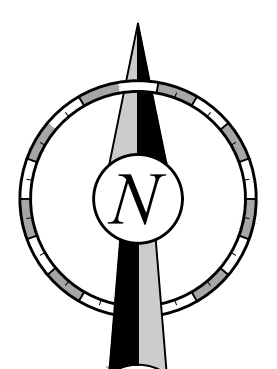
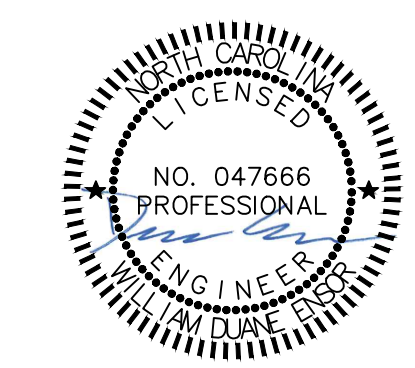
Luke Case
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Pm: 9578-90-3602
County Zoning R1

Luke Case
D.B. 958, Pg. 108
Pm: 9578-90-4397
County Zoning R1

Peter Thom
D.B. 955, Pg. 7
Plot Slide 1221
Pm: 9578-90-4294
City Zoning CHMU

OLD UPWARD ROAD
Public, Asphalt
SR-1722

UPWARD ROAD SR-1783
Right-of-Way varies as per
State Project 34623.1.1
Public, Asphalt



PREPARED FOR:
ADEPTUS ARCHITECTURE

121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

| REVISIONS | | |
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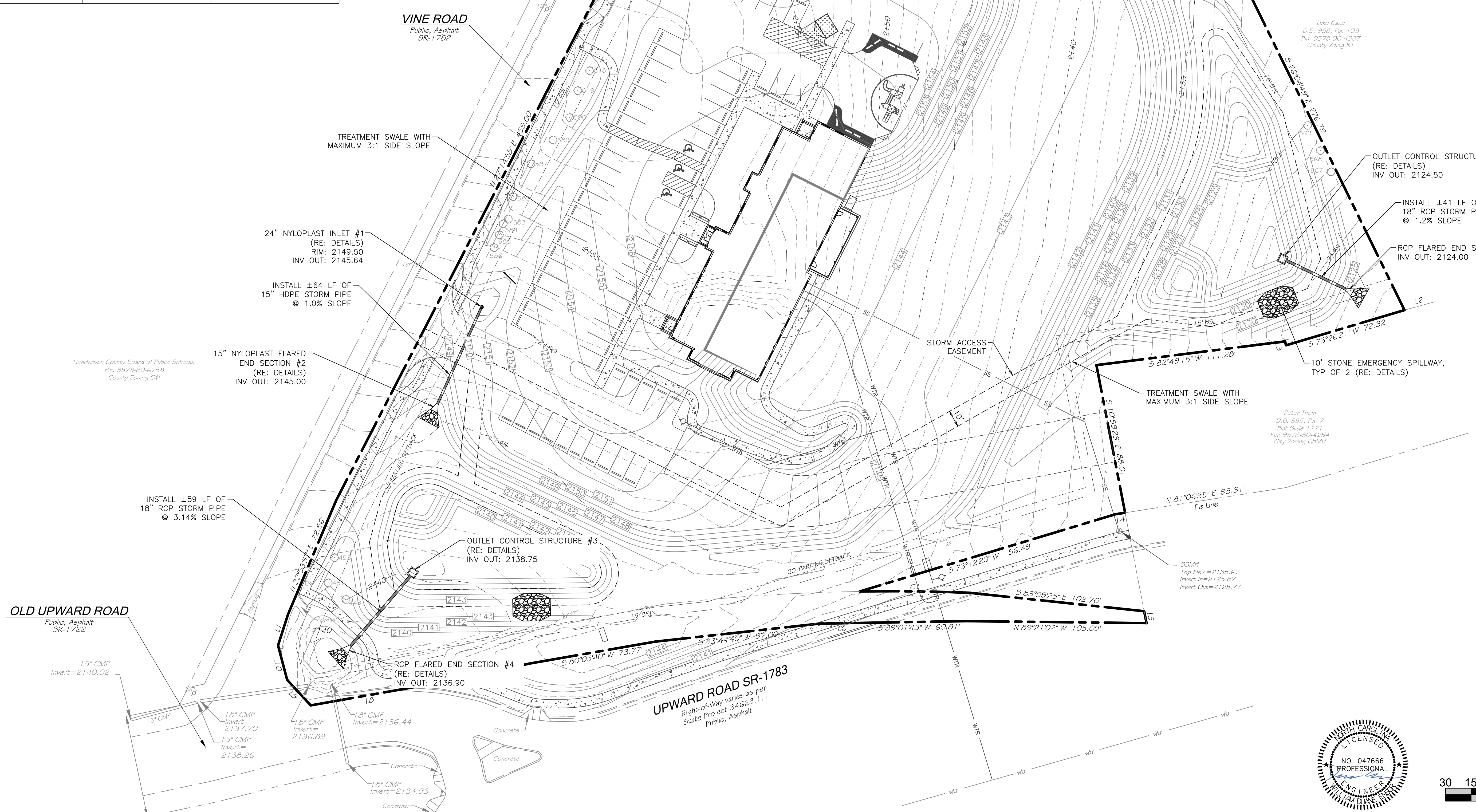
LIVING SAVIOR CHURCH
GRADING PLAN

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| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | DATE: 03.04.2024 |
| | | | 6 OF 18 |

| STORM STRUCTURE TABLE | | | |
|-----------------------|------------------------------------|----------|----------|
| STRUCTURE # | TYPE | INV IN | INV OUT |
| 1 | 24" NYLOPLAST | N/A | 2145.640 |
| 2 | 15" NYLOPLAST FLARED END SECTION | 2145.000 | 2145.00 |
| 3 | OUTLET CONTROL STRUCTURE (SW POND) | N/A | 2138.75 |
| 4 | RCP FLARED END SECTION | 2136.900 | 2136.90 |
| 5 | OUTLET CONTROL STRUCTURE (SE POND) | N/A | 2124.500 |
| 5 | RCP FLARED END SECTION | 2124.000 | 2124.000 |

| STORM PIPE TABLE | | |
|------------------|----------|-------|
| PIPE | SIZE | SLOPE |
| 1-2 | 15" HDPE | 1.00% |
| 3-4 | 18" RCP | 3.14% |
| 5-6 | 18" RCP | 1.20% |

| STORM SEWER LEGEND | |
|--------------------|-----------------------------|
| — ST — | STORM PIPE (< 10" NEW) |
| — CD — | BACK OF CURB DRAIN |
| — ST — | STORM PIPE (> 12" NEW) |
| — ST — | STORM PIPE (> 12" EXISTING) |
| — ST — | MAJOR CONTOUR (NEW) |
| — ST — | MINOR CONTOUR (NEW) |
| — ST — | MAJOR CONTOUR (EXISTING) |
| — ST — | MINOR CONTOUR (EXISTING) |
| — ST — | STORM GRATE (NEW) |



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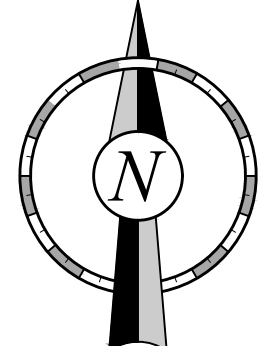
PREPARED FOR:
ADEPTUS ARCHITECTURE
 121 MANLY STREET
 GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
 Civil Site Engineering
 PO Box 31182, Greenville, SC 29608
 c: 843-693-2335

| REVISIONS | | REVISIONS | | | |
|-----------|------|-------------|-----|------|-------------|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
| | | | | | |

LIVING SAVIOR CHURCH
STORM PLAN

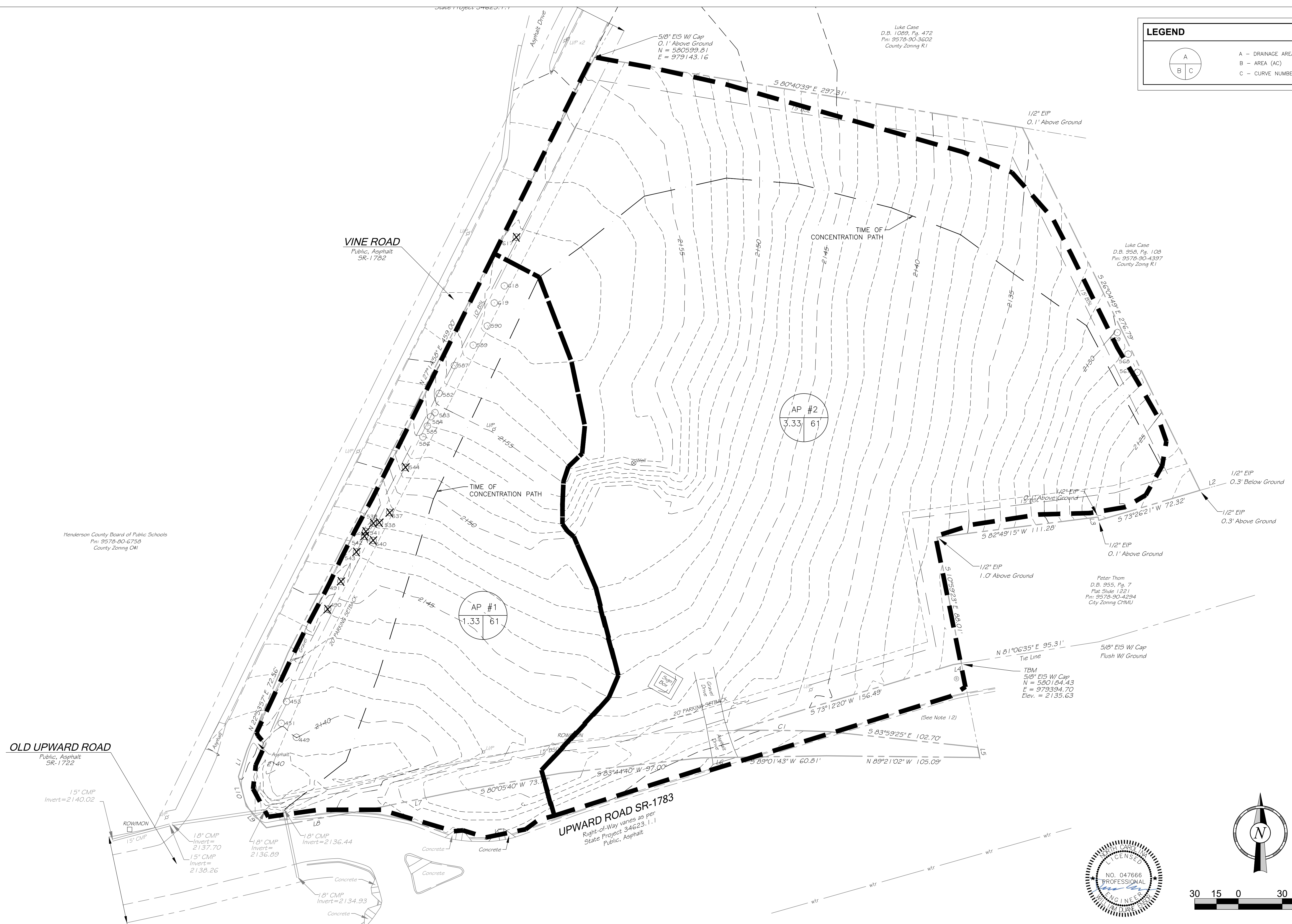
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LEGEND

| | |
|--|-------------------|
| | A - DRAINAGE AREA |
| | B - AREA (AC) |
| | C - CURVE NUMBER |



OLD UPWARD ROAD
Public, Asphalt
SR-1722

VINE ROAD
Public, Asphalt
SR-1782

UPWARD ROAD SR-1783
Right-of-Way varies as per
State Project 34623.1.1
Public, Asphalt

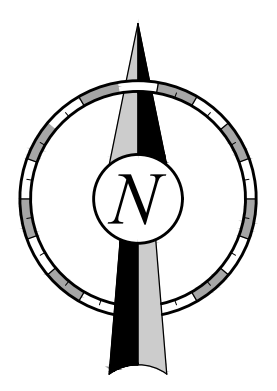
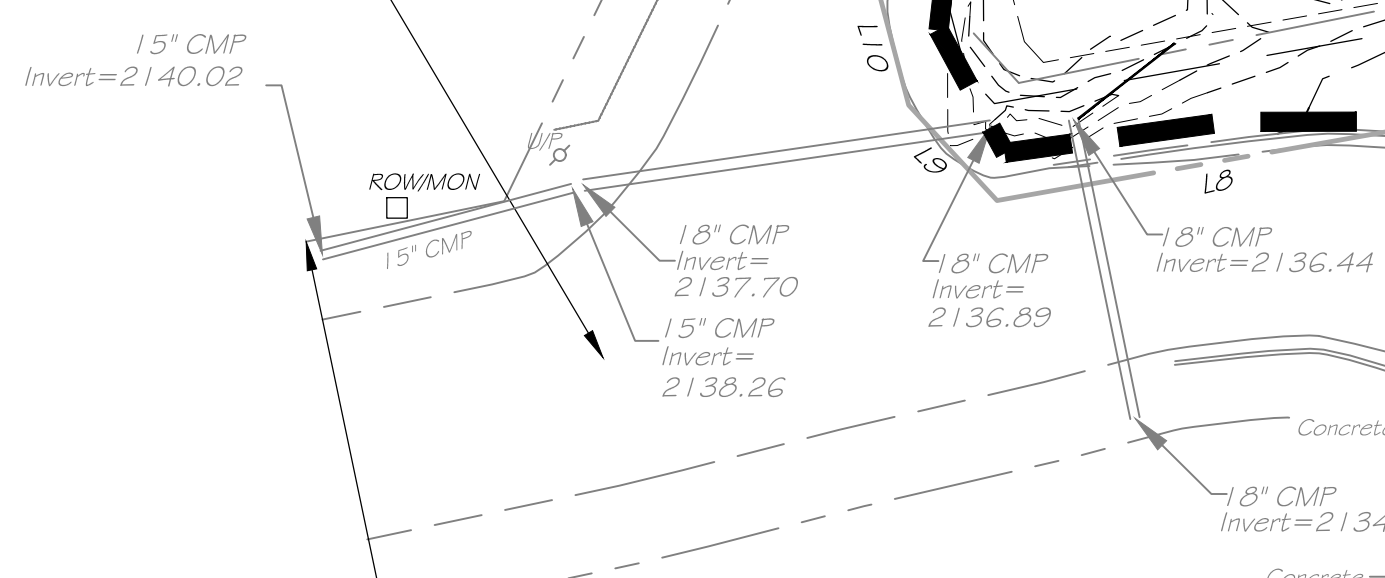
Henderson County Board of Public Schools
D.B. 9578-90-6758
County Zoning CM1

Luke Case
D.B. 1089, Pg. 472
Pin: 9578-90-3602
County Zoning R1

Luke Case
D.B. 958, Pg. 108
Pin: 9578-90-4397
County Zoning R1

Peter Thom
D.B. 955, Pg. 7
Plot Side 1221
Pin: 9578-90-4294
City Zoning CHMU

TBM
5/8" EIS W/ Cap
N = 580184.43
E = 979394.70
Elev. = 2135.63



PREPARED FOR:
ADEPTUS ARCHITECTURE

121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 3182, Greenville, SC 29608
c: 843-693-2335

| REVISIONS | | REVISIONS | | | |
|-----------|------|-------------|-----|------|-------------|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
| | | | | | |
| | | | | | |

LIVING SAVIOR CHURCH
PRE-DEVELOPMENT DRAINAGE MAP

| | | | | |
|---|-----------------|------------------|----------|-----------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG | DRN BY: WDE | JOB NO: PMW-001 | FLD. BK: | SHEET NO. |
| NC COA: P-2566 | SCALE: AS SHOWN | DATE: 03.04.2024 | | 9 OF 18 |

FILE LOCATION: C:\Users\luane\Dropbox\Living Savior Church\Living Savior Church Civil.dwg TAG NAME: Post Dev Map USER: luane SAVED: 3/4/2024 7:47 PM PLOTTED: 3/4/2024 7:50 PM

| LEGEND | |
|--------|--|
| | A - DRAINAGE AREA B - AREA (AC) C - CURVE NUMBER |

| IMPERVIOUS COVERAGE | |
|---------------------|------------|
| POST-DEV | 0.98 ACRES |
| FUTURE | 0.50 ACRES |
| TOTAL | 1.48 ACRES |

VINE ROAD
Public, Asphalt
SR-1782

OLD UPWARD ROAD
Public, Asphalt
SR-1722

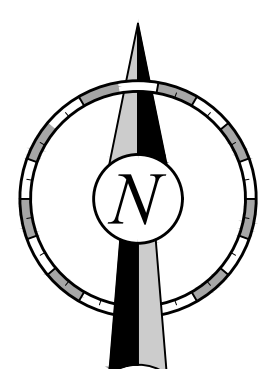
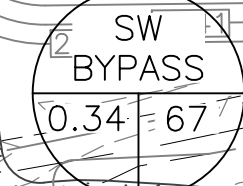
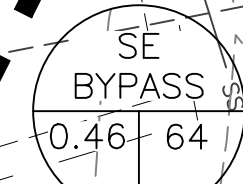
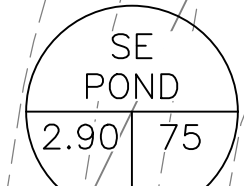
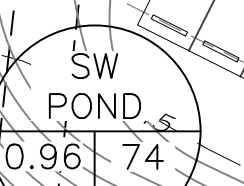
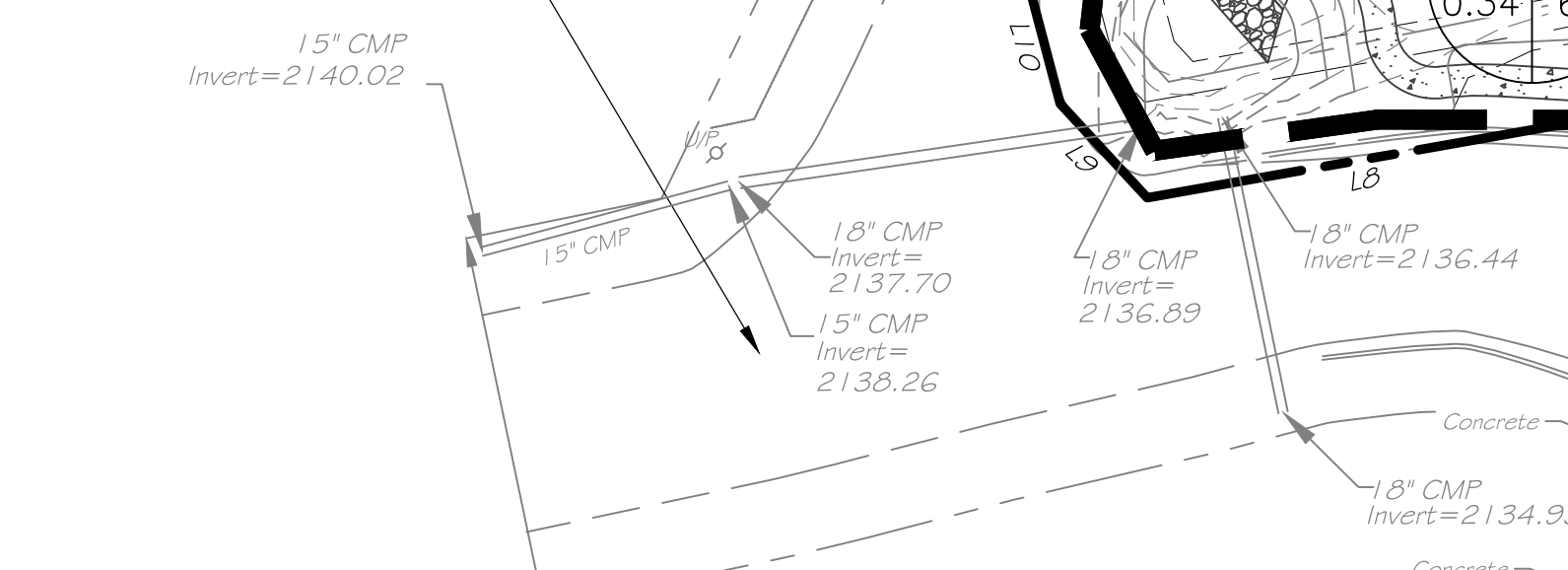
UPWARD ROAD SR-1783
Right-of-Way varies as per
State Project 34623.1.1
Public, Asphalt

Henderson County Board of Public Schools
P.O. Box 100
Greenville, SC 29602
County Zoning CM1

Peter Thom
D.B. 955, Pg. 7
Plot Slide 1221
P.O. Box 3004294
City Zoning CHMU

Luke Case
D.B. 1009, Pg. 472
P.O. Box 3502
County Zoning R1

Luke Case
D.B. 958, Pg. 108
P.O. Box 4397
County Zoning R1



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ADEPTUS ARCHITECTURE

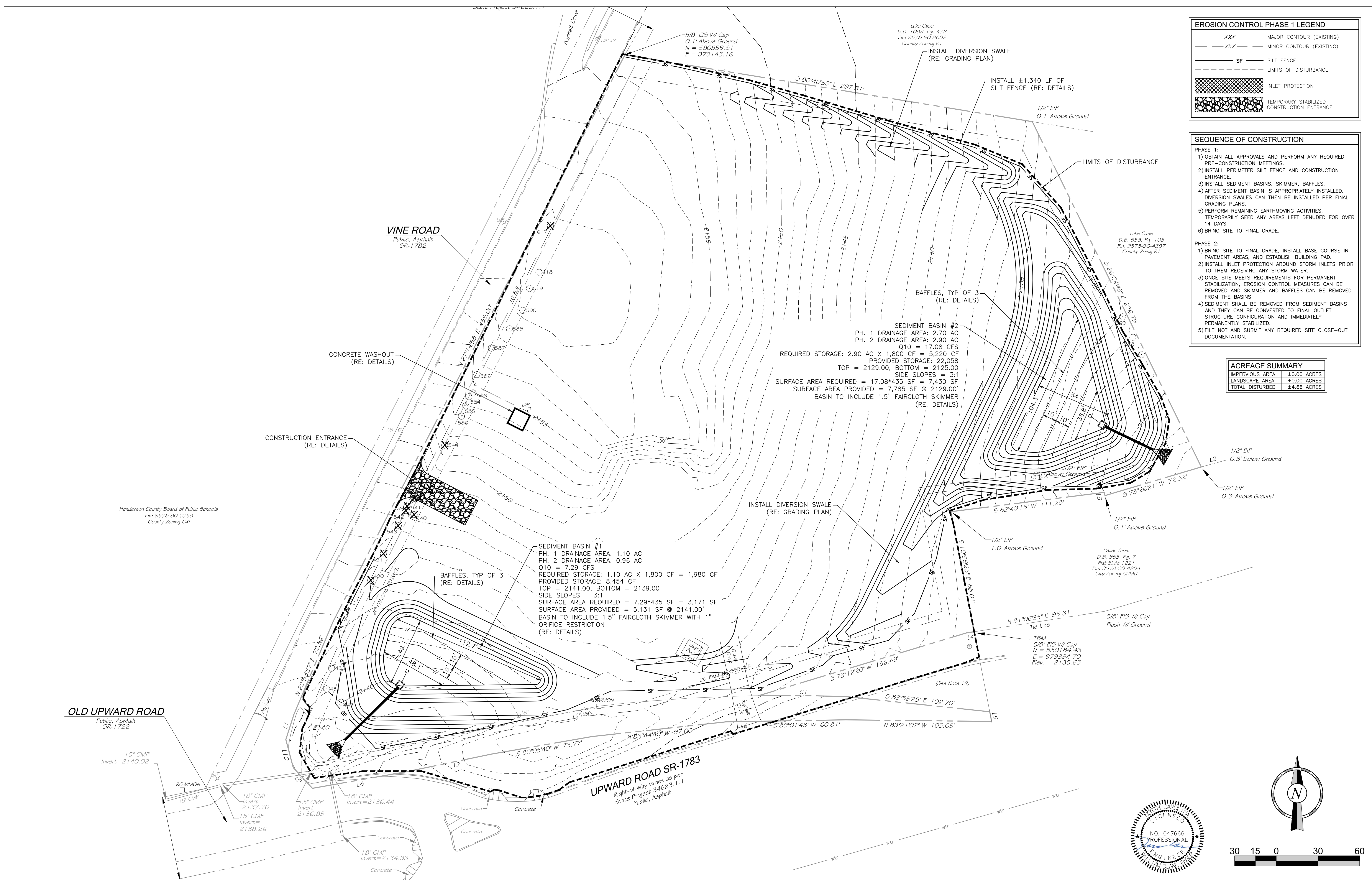
121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

| REVISIONS | | REVISIONS | | | |
|-----------|------|-------------|-----|------|-------------|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
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| LIVING SAVIOR CHURCH POST-DEVELOPMENT DRAINAGE MAP | | | |
|---|-----------------|-----------------|-----------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG. BY: | JOB NO: PMW-001 | FLD. BK: | SHEET NO. |
| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | 10 OF 18 |
| DATE: 03.04.2024 | | | |

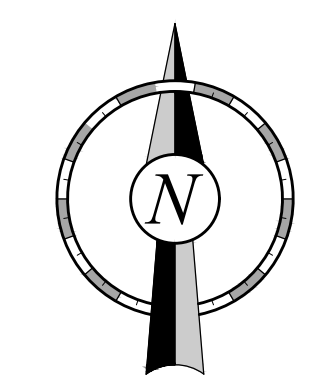
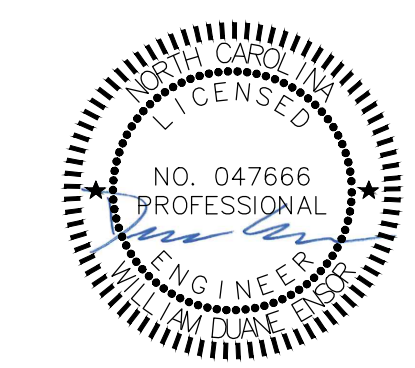
FILE LOCATION: \\Users\Vaone\Dropbox\Living Savior Church\Civil.dwg TAB NAME: Erosion PH 1 USER: caucane SAVED: 3/4/2024 7:47 PM PLOTTED: 3/4/2024 7:50 PM



EROSION CONTROL PHASE 1 LEGEND

- XXX--- MAJOR CONTOUR (EXISTING)
- XXX--- MINOR CONTOUR (EXISTING)
- SF--- SILT FENCE
- --- LIMITS OF DISTURBANCE
- [Pattern] INLET PROTECTION
- [Pattern] TEMPORARILY STABILIZED CONSTRUCTION ENTRANCE

- SEQUENCE OF CONSTRUCTION**
- PHASE 1:**
- OBTAIN ALL APPROVALS AND PERFORM ANY REQUIRED PRE-CONSTRUCTION MEETINGS.
 - INSTALL PERIMETER SILT FENCE AND CONSTRUCTION ENTRANCE.
 - INSTALL SEDIMENT BASINS, SKIMMER, BAFFLES.
 - AFTER SEDIMENT BASIN IS APPROPRIATELY INSTALLED, DIVERSION SWALES CAN THEN BE INSTALLED PER FINAL GRADING PLANS.
 - PERFORM REMAINING EARTHMOVING ACTIVITIES. TEMPORARILY SEED ANY AREAS LEFT DENuded FOR OVER 14 DAYS.
 - BRING SITE TO FINAL GRADE.
- PHASE 2:**
- BRING SITE TO FINAL GRADE, INSTALL BASE COURSE IN PAVEMENT AREAS, AND ESTABLISH BUILDING PAD.
 - INSTALL INLET PROTECTION AROUND STORM INLETS PRIOR TO THEM RECEIVING ANY STORM WATER.
 - ONCE SITE MEETS REQUIREMENTS FOR PERMANENT STABILIZATION, EROSION CONTROL MEASURES CAN BE REMOVED AND SKIMMER AND BAFFLES CAN BE REMOVED FROM THE BASINS.
 - SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS AND THEY CAN BE CONVERTED TO FINAL OUTLET STRUCTURE CONFIGURATION AND IMMEDIATELY PERMANENTLY STABILIZED.
 - FILE NOT AND SUBMIT ANY REQUIRED SITE CLOSE-OUT DOCUMENTATION.



PREPARED FOR:
ADEPTUS ARCHITECTURE
 121 MANLY STREET
 GREENVILLE, SC 29601

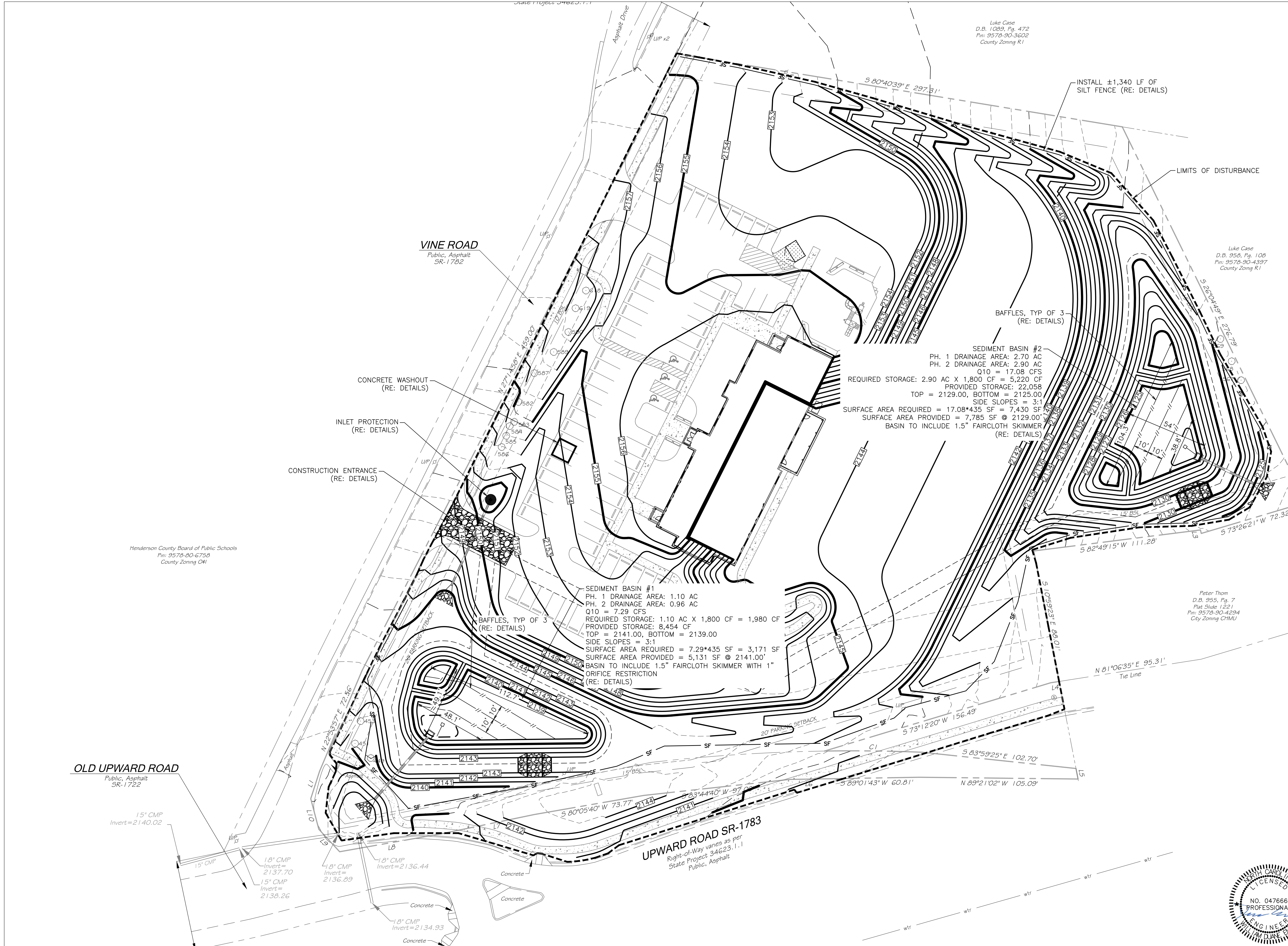
PREPARED BY:
PHAROS LAND DESIGN, LLC
 Civil Site Engineering
 PO Box 31182, Greenville, SC 29608
 c: 843-693-2335

| REVISIONS | | REVISIONS | | | |
|-----------|------|-------------|-----|------|-------------|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
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LIVING SAVIOR CHURCH
EROSION CONTROL PLAN PHASE I

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|--|-----------------|-----------------|-----------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG. BY: | JOB NO: PMW-001 | FLD. BK: | SHEET NO. |
| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | 11 OF 18 |
| DATE: 03.04.2024 | | | |

FILE LOCATION: \\Users\Vaone\Desktop\Living Savior Church\Civil.dwg TAG NAME: Erosion PH 2 USER: vaone SAVED: 3/4/2024 7:47 PM PLOTTED: 3/4/2024 7:50 PM



EROSION CONTROL PHASE 2 LEGEND

- XXX--- MAJOR CONTOUR (EXISTING)
- xxx--- MINOR CONTOUR (EXISTING)
- XXX--- MAJOR CONTOUR (NEW)
- xxx--- MINOR CONTOUR (NEW)
- [Symbol] STORM GRATE (NEW)
- [Symbol] SILT FENCE
- --- LIMITS OF DISTURBANCE
- [Symbol] INLET PROTECTION
- [Symbol] TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

SEQUENCE OF CONSTRUCTION

PHASE 1:

- OBTAIN ALL APPROVALS AND PERFORM ANY REQUIRED PRE-CONSTRUCTION MEETINGS.
- INSTALL PERIMETER SILT FENCE AND CONSTRUCTION ENTRANCE.
- INSTALL SEDIMENT BASINS, SKIMMER, BAFFLES.
- AFTER SEDIMENT BASIN IS APPROPRIATELY INSTALLED, DIVERSION SWALES CAN THEN BE INSTALLED PER FINAL GRADING PLANS.
- PERFORM REMAINING EARTHMOVING ACTIVITIES. TEMPORARILY SEED ANY AREAS LEFT DENUDED FOR OVER 14 DAYS.
- BRING SITE TO FINAL GRADE.

PHASE 2:

- BRING SITE TO FINAL GRADE, INSTALL BASE COURSE IN PAVEMENT AREAS, AND ESTABLISH BUILDING PAD.
- INSTALL INLET PROTECTION AROUND STORM INLETS PRIOR TO THEM RECEIVING ANY STORM WATER.
- ONCE SITE MEETS REQUIREMENTS FOR PERMANENT STABILIZATION, EROSION CONTROL MEASURES CAN BE REMOVED AND SKIMMER AND BAFFLES CAN BE REMOVED FROM THE BASINS.
- SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS AND THEY CAN BE CONVERTED TO FINAL OUTLET STRUCTURE CONFIGURATION AND IMMEDIATELY PERMANENTLY STABILIZED.
- FILE NOT AND SUBMIT ANY REQUIRED SITE CLOSE-OUT DOCUMENTATION.

ACREAGE SUMMARY

| | |
|-----------------|-------------|
| IMPERVIOUS AREA | ±0.00 ACRES |
| LANDSCAPE AREA | ±0.00 ACRES |
| TOTAL DISTURBED | ±4.66 ACRES |

VINE ROAD
Public, Asphalt
SR-1782

OLD UPWARD ROAD
Public, Asphalt
SR-1722

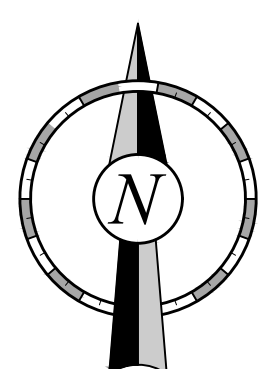
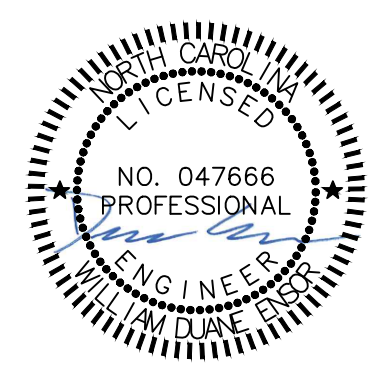
UPWARD ROAD SR-1783
Right-of-Way varies as per
State Project 34623.1.1
Public, Asphalt

Henderson County Board of Public Schools
P.O. Box 100
Pin: 9578-90-6758
County Zoning OH

Luke Case
D.B. 1009, Pg. 472
Pin: 9578-90-3602
County Zoning R1

Luke Case
D.B. 958, Pg. 108
Pin: 9578-90-4397
County Zoning R1

Peter Thom
D.B. 955, Pg. 7
Plot Slide 1221
Pin: 9578-90-4294
City Zoning CHMU



PREPARED FOR:
ADEPTUS ARCHITECTURE

121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

| NO. | | DATE | DESCRIPTION | REVISIONS | |
|-----|------|-------------|-------------|-----------|-------------|
| NO. | DATE | DESCRIPTION | NO. | DATE | DESCRIPTION |
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LIVING SAVIOR CHURCH
EROSION CONTROL PLAN PHASE II

| | | | |
|---|-----------------|-----------------|------------------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG | JOB NO: PMW-001 | FLD. BK: | SHEET NO. |
| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | DATE: 03.04.2024 |

6.65

Porous Baffles

Definition Porous barriers installed inside a temporary sediment trap, skimmer basin, or sediment basin to reduce the velocity and turbulence of the water flowing through the measure, and to facilitate the settling of sediment from the water before discharge.

Purpose Sediment traps and basins are designed to temporarily pool runoff water to allow sediment to settle before the water is discharged. Unfortunately, they are usually not very efficient due to high turbulence and "short-circuiting" flows which take runoff quickly to the outlet with little interaction with most of the basin. Porous baffles improve the rate of sediment retention by distributing the flow and reducing turbulence. This process can improve sediment retention.

Conditions Where Practice Applies This practice should be used in any temporary sediment trap, skimmer basin, or temporary sediment basin.

Planning Considerations Porous baffles effectively spread the flow across the entire width of a sediment basin or trap. Water flows through the baffle material, but is slowed sufficiently to back up the flow, causing it to spread across the entire width of the baffle (Figure 6.65a).

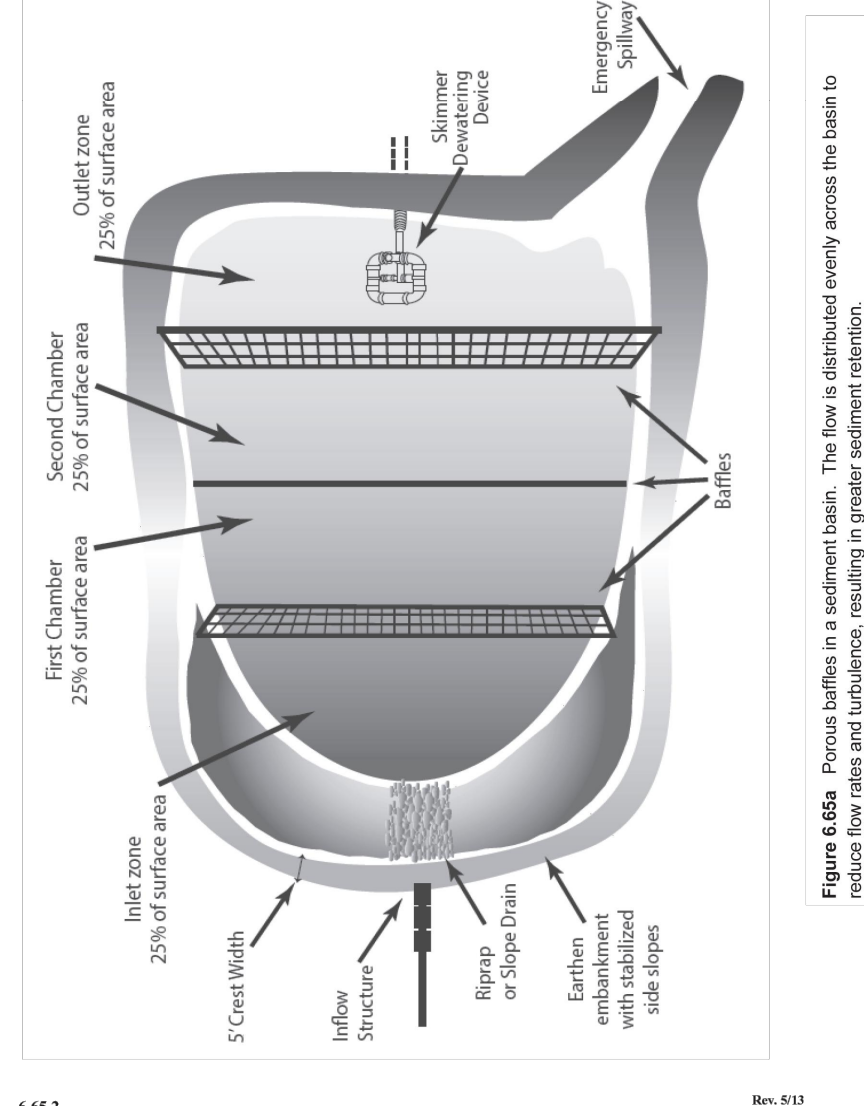
Spreading the flow in this manner utilizes the full cross section of the basin, which in turn reduces flow rates or velocity as much as possible. In addition, the turbulence is also greatly reduced. This combination increases sediment deposition and retention and also decreases the particle size of sediment captured.

The installation should be similar to a sediment fence (Figure 6.65b). The fabric should be 700 gsm "cut" erosion blanket (Figure 6.65c) or equal. A support wire across the top will help prevent excessive sagging if the material is attached to it with appropriate ties.

Rev. 013

6.65.1

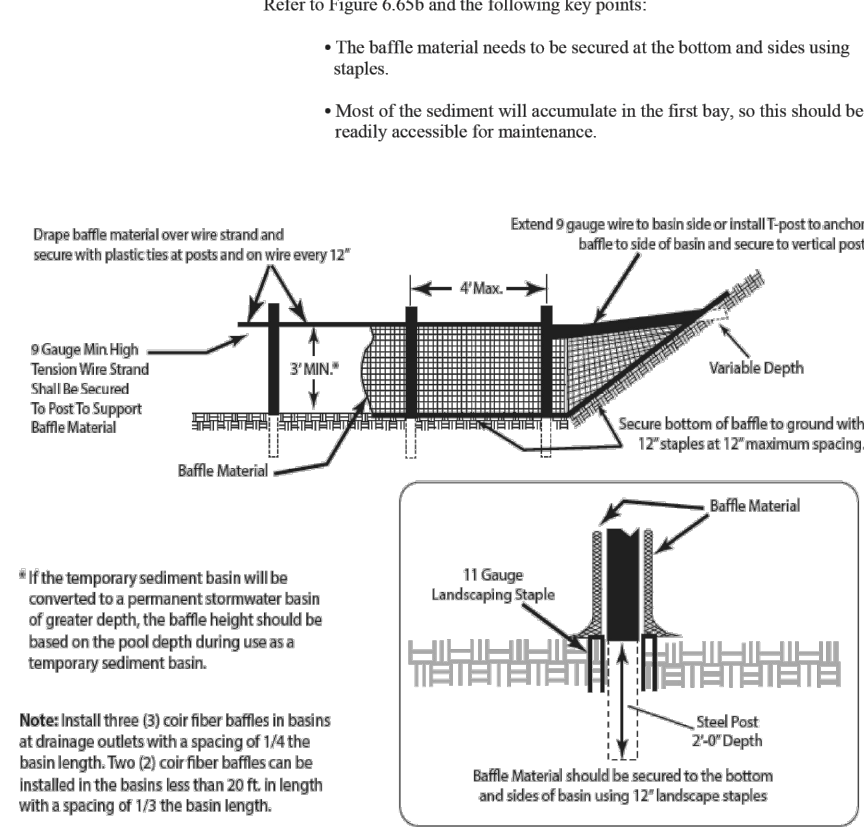
Porous Baffles



6.65.2

Figure 6.65a Porous baffle in a sediment basin. The flow is distributed evenly across the basin to reduce flow rates and turbulence, resulting in greater sediment retention.

Porous Baffles

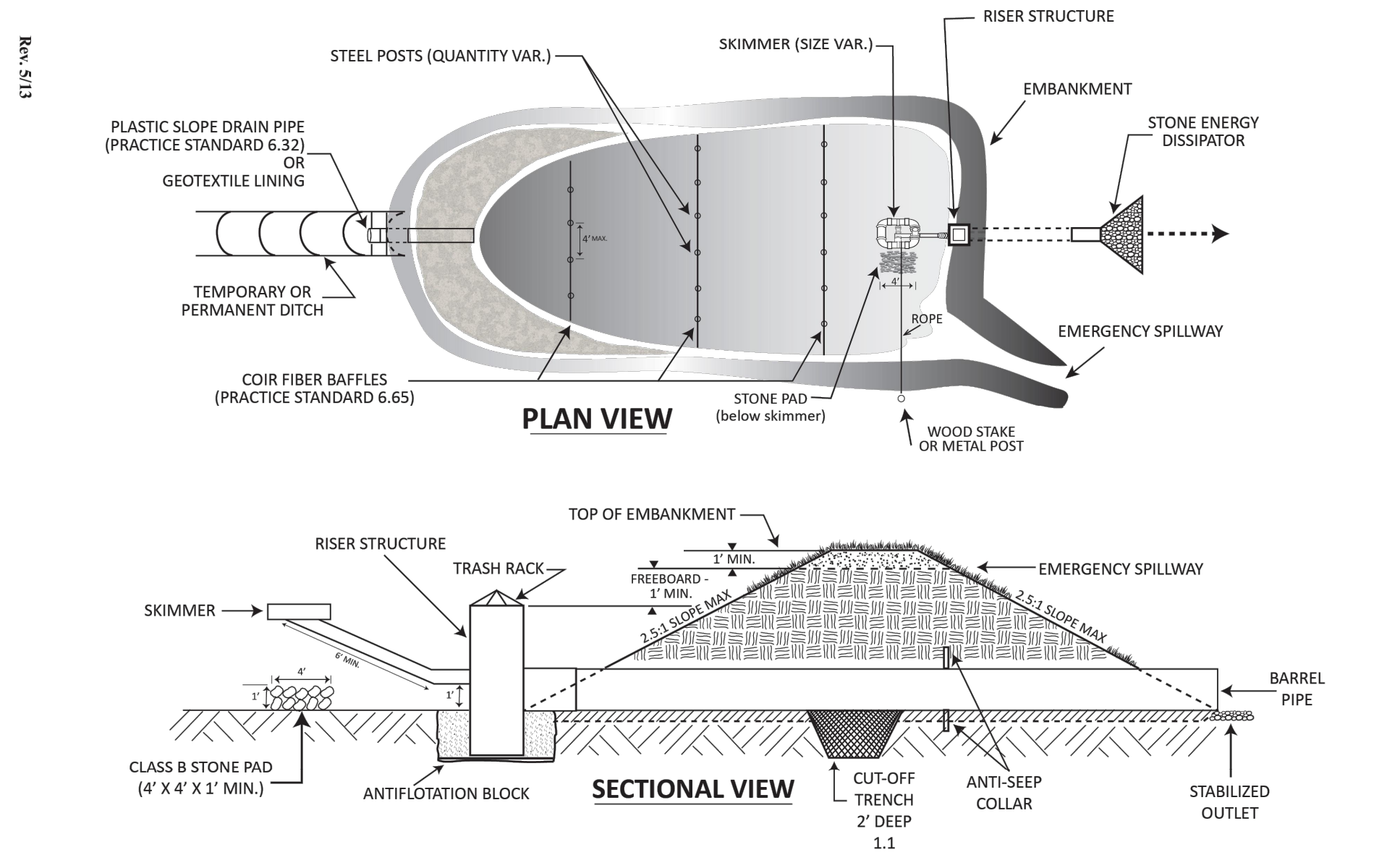


Rev. 013

6.65.3

Figure 6.65b Coir Fiber Baffle Detail Cross section of a porous baffle in a sediment basin.

Rev. 1113



6.61.9

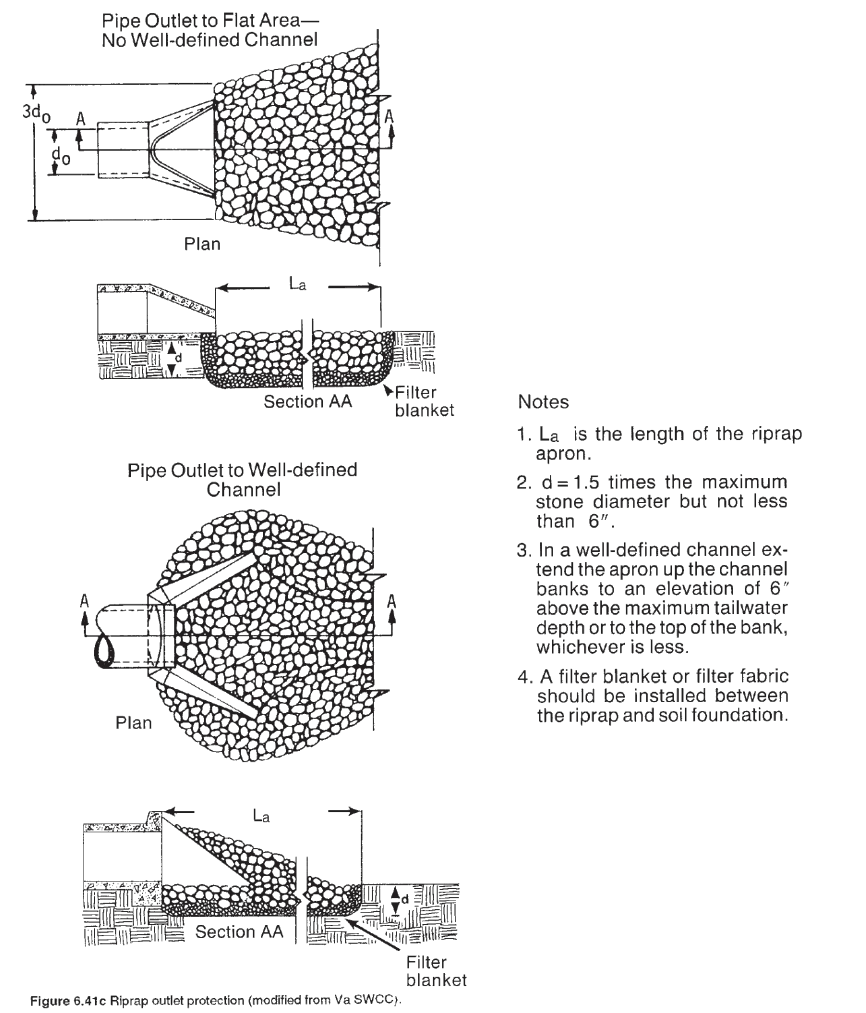
NOTES

1. SEED AND PLACE MATTING FOR EROSION CONTROL ON INTERIOR AND EXTERIOR SIDESLOPES.
2. INSTALL A MINIMUM OF 3 COIR FIBER BAFFLES IN ACCORDANCE WITH PRACTICE STANDARD 6.65.
3. INSTALL SKIMMER AND COUPLING TO RISER STRUCTURE OR DIRECTLY INTO EMANKMENT 1 FT. FROM BOTTOM OF BASIN.
4. THE ARM PIPE SHALL HAVE A MINIMUM LENGTH OF 6 FT. BETWEEN THE SKIMMER AND COUPLING.

NOT TO SCALE

Figure 6.61d Sediment Basin (with Riser Barrel Pipe)

6



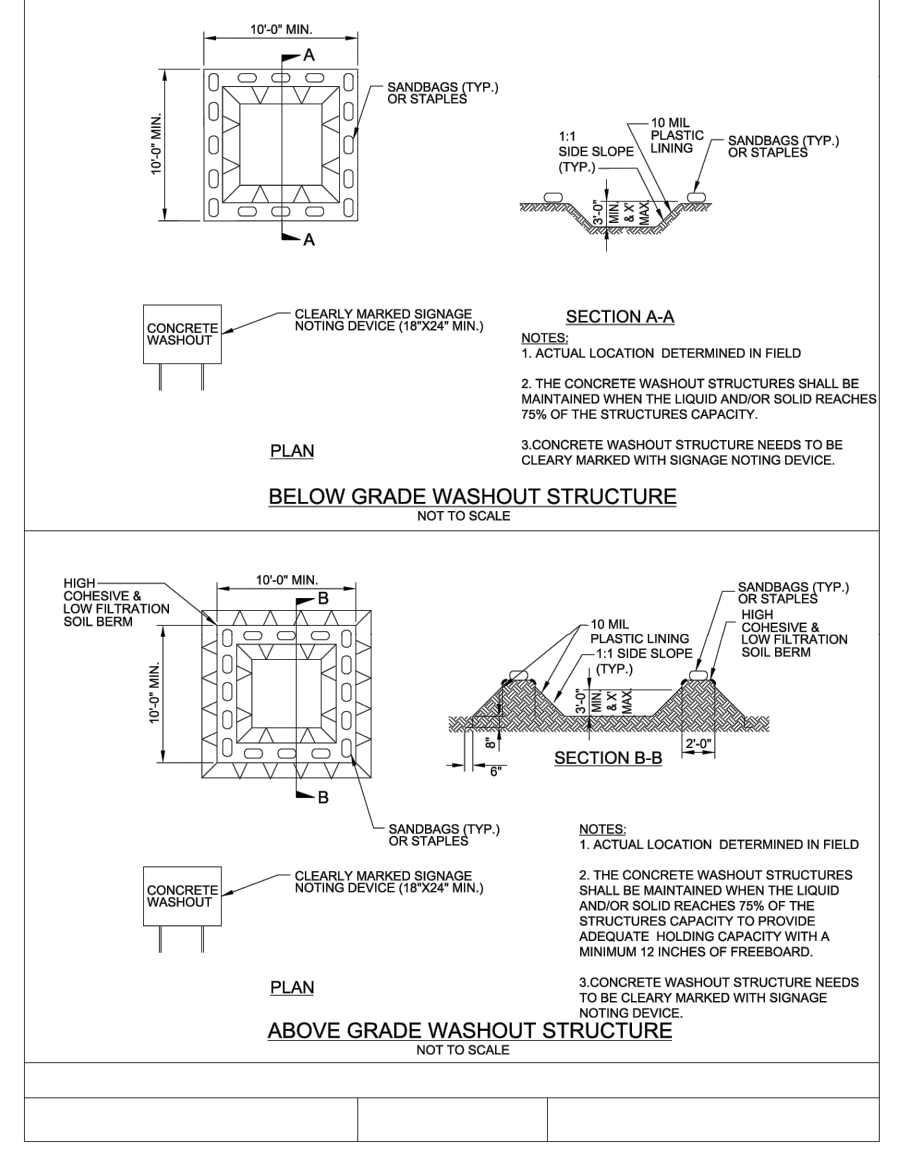
6.61.4

Rev. 016

Notes

1. L_a is the length of the riprap apron.
2. $d = 1.5$ times the maximum stone diameter but not less than 6\"/>

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



NOTES

1. ACTUAL LOCATION DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.
3. CONCRETE WASHOUT STRUCTURES NEED TO BE CLEARLY MARKED WITH BONAGE NOTING DEVICE.

PREPARED FOR:
ADEPTUS ARCHITECTURE
121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

| NO. | | DATE | | DESCRIPTION | |
|-----|--|------|--|-------------|--|
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| | | | | | |
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LIVING SAVIOR CHURCH
EROSION CONTROL DETAILS

| | | | | | | |
|---|-------------|-----------------|-----------------|----------|------------------|--------------------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG | DRN BY: WDE | JOB NO: PMW-001 | SCALE: AS SHOWN | FLD. BK: | DATE: 03.04.2024 | SHEET NO. 14 OF 18 |
|---|-------------|-----------------|-----------------|----------|------------------|--------------------|



UTILITY GENERAL NOTES

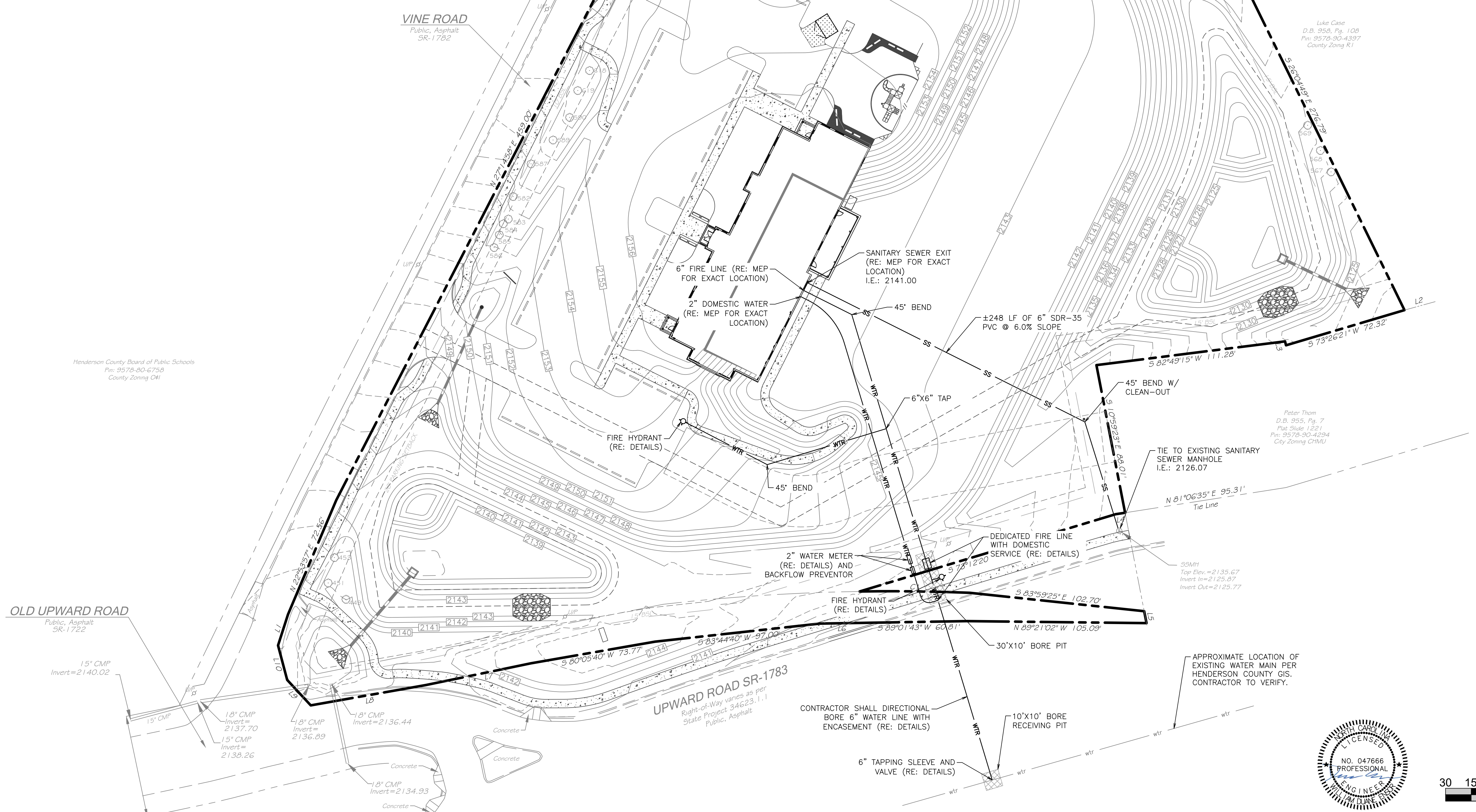
UTILITY INSTALLATION CONSIDERATIONS

PRIOR TO THE CONSTRUCTION OF, OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, OR ANY OTHER ELEVATION SENSITIVE UTILITY, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTIONS AND ALL UTILITY CROSSINGS. THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE OWNER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. THE ENGINEER AND OWNER WILL BE HELD HARMLESS IN THE EVENT THE ENGINEER AND OWNER ARE NOT NOTIFIED OF A DESIGN CONFLICT.

AS POSSIBLE, ALL PROPOSED UTILITIES SHALL BE ROUTED THROUGH PERVIOUS AREAS - SPECIFICALLY AVOIDING ON-SITE PAVED AREAS DESIGNATED FOR PARKING, ACCESS, AND VEHICULAR TRAFFIC FLOW.

| UTILITY LEGEND (NEW) | |
|----------------------|--|
| WTR | WATER LINE |
| SS | SANITARY SEWER LINE |
| UGET | UNDERGROUND ELECTRIC LINE |
| UGT | UNDERGROUND TELEPHONE LINE |
| ST | STORM PIPE (≤ 10") |
| ST | STORM PIPE (≥ 12") |
| XXX | MAJOR CONTOUR |
| XXX | MINOR CONTOUR |
| | CONCRETE CURB AND GUTTER |
| | LIGHT POLE - 6' MIN. CLEAR FROM F/C (TRAVEL CENTER PARKING - 15' MIN. CLEAR) |

FILE LOCATION: \\Users\jvaune\Dropbox\Living Savior Church\Civil.dwg TAB NAME: Utility USER: jvaune SAVER: 3/4/2024 7:47 PM PLOTTED: 3/4/2024 7:51 PM

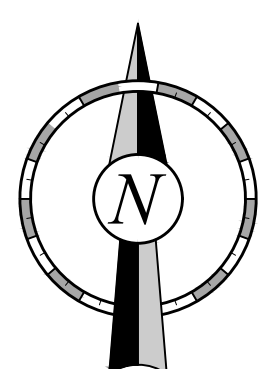


Henderson County Board of Public Schools
D.B. 958, Pg. 7
Pin: 9578-90-6758
County Zoning CM

Luke Case
D.B. 1009, Pg. 472
Pin: 9578-90-3602
County Zoning R1

Luke Case
D.B. 958, Pg. 108
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PREPARED FOR:
ADEPTUS ARCHITECTURE

121 MANLY STREET
GREENVILLE, SC 29601

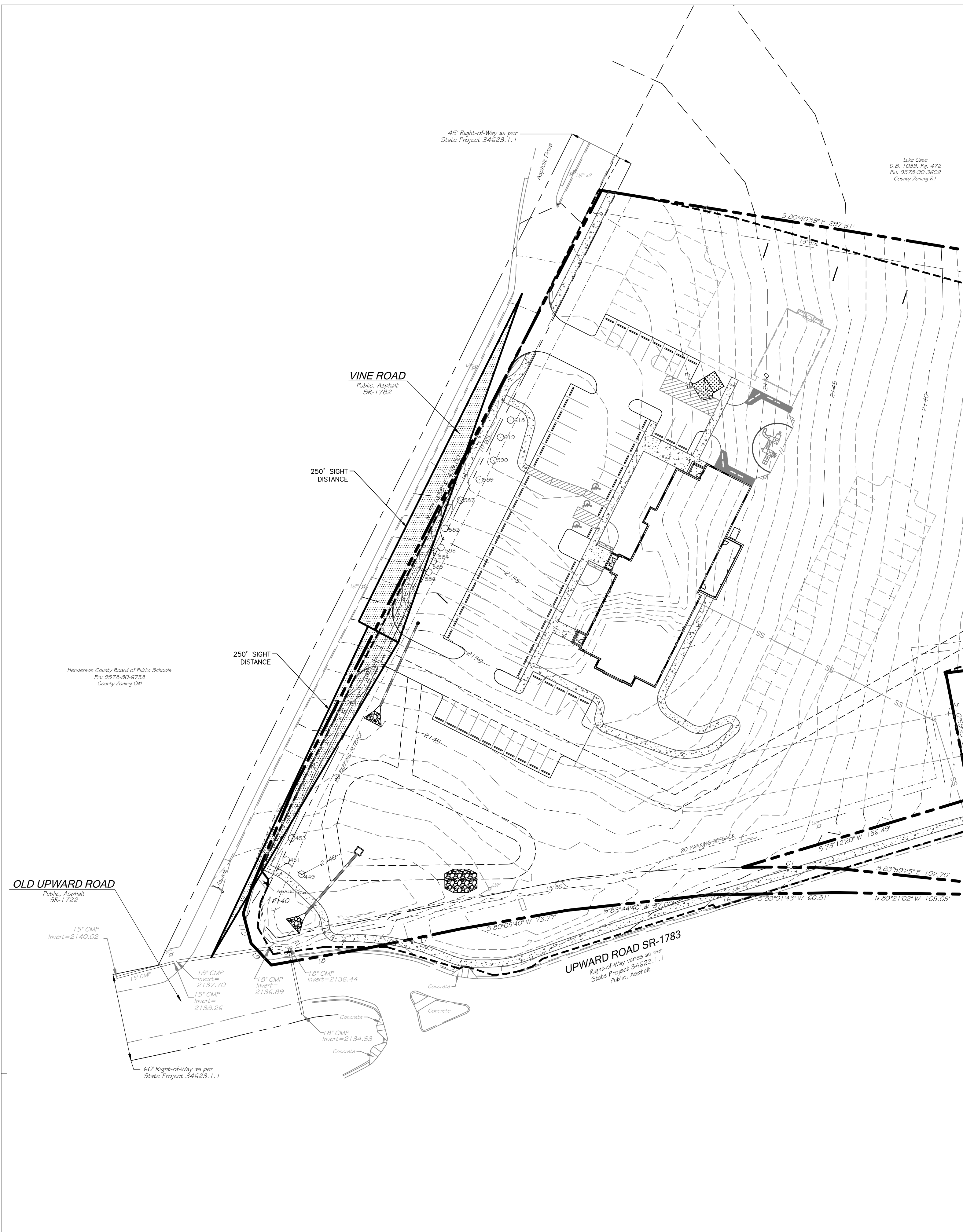
PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

| NO. | | DATE | | DESCRIPTION | |
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LIVING SAVIOR CHURCH
UTILITY PLAN

| | | | |
|--|-----------------|-----------------|--------------------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG BY: JVAUNE | JOB NO: PMW-001 | FLD. BK: | SHEET NO. 15 OF 18 |
| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | DATE: 03.04.2024 |

FILE LOCATION: \\Users\jluone\Dropbox\Living Savior Church\Civil.dwg TAB NAME: Sight Distance USER: jluone SAVED: 3/4/2024 7:47 PM PLOTTED: 3/4/2024 7:51 PM



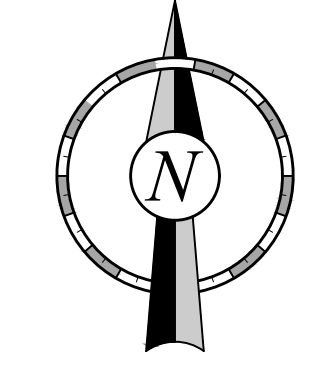
PREPARED FOR:
ADEPTUS ARCHITECTURE
121 MANLY STREET
GREENVILLE, SC 29601

PREPARED BY:
PHAROS LAND DESIGN, LLC
Civil Site Engineering
PO Box 31182, Greenville, SC 29608
c: 843-693-2335

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LIVING SAVIOR CHURCH
SIGHT DISTANCE

| | | | |
|---|-----------------|-----------------|------------------|
| FILE NAME: LIVING SAVIOR CHURCH CIVIL.DWG BY: | JOB NO: PMW-001 | FLD. BK: | SHEET NO. |
| NC COA: P-2566 | DRN BY: WDE | SCALE: AS SHOWN | DATE: 03.04.2024 |



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LANDSCAPE REQUIREMENTS:

VEHICLE USE AREA= 23,240 SF 1 TREE AND 2 SHRUBS PER 4,000 SF
 REQUIRED: 6 TREES AND 12 SHRUBS PER 4,000 SF
 PROVIDED: 7 TREE AND 26 SHRUBS PER 4,000 SF

"When a development contains 20 or more parking spaces, 50 percent of the trees and shrubs required by paragraph a), above, must be planted in islands or medians located within the parking lot. Tree islands shall be evenly distributed throughout the parking lot in order to provide an even tree canopy throughout the lot. At a minimum, such tree islands shall consist of an area at least equal in size to two parking places side-by-side (360 square feet). Parking bays shall be broken up with landscaped islands or medians to avoid long monotonous rows of parking. Planting trees in groups is encouraged to increase the total amount of planting area for roots to grow."

REQUIRED IN AN ISLAND OR MEDIAN: 3 TREES AND 6 SHRUBS PER 4,000 SF
 PROVIDED: 3 TREE AND 14 SHRUBS PER 4,000 SF

STREET BUFFER= 252 LF 1 EVERGREEN OR SHRUB PER 5 LF
 REQUIRED: 50 EVERGREENS OR SHRUBS
 PROVIDED: 52 EVERGREENS OR SHRUBS

BUFFER AT PROPERTY LINE= TYPE B BUFFER 1, 286'
 REQUIRED: PER 100 LF, 4 CANOPY TREES, 25 EVERGREEN SHRUBS, 33 FLOWERING SHRUBS
 PROVIDED: 11 CANOPY TREES, 11 EVERGREEN SHRUBS, 94 FLOWERING SHRUBS

BUFFER AT PROPERTY LINE= TYPE B BUFFER 2, 211'
 REQUIRED: PER 100 LF, 4 CANOPY TREES, 25 EVERGREEN SHRUBS, 33 FLOWERING SHRUBS
 PROVIDED: 11 CANOPY TREES, 69 EVERGREEN SHRUBS, 91 FLOWERING SHRUBS

COMMON SPACE TREES
 Common Space trees are required for CHMU based on

"Trees. One tree shall be planted for each 1,000 square feet of common space. Trees shall have a minimum caliper of three to three and one-half inches measured six inches above ground at the time of planting"

AREA OF SITE: 4.72 ACRES
 COMMON SPACE REQUIRED: 4.72 ACRES/10=0.472 ACRES
 9,704 SF

COMMON SPACE TREES REQUIRED: 10 TREES
 COMMON SPACE TREES PROVIDED: 10 TREES
 COMMON SPACE TREE=CST

OPEN SPACE TREES

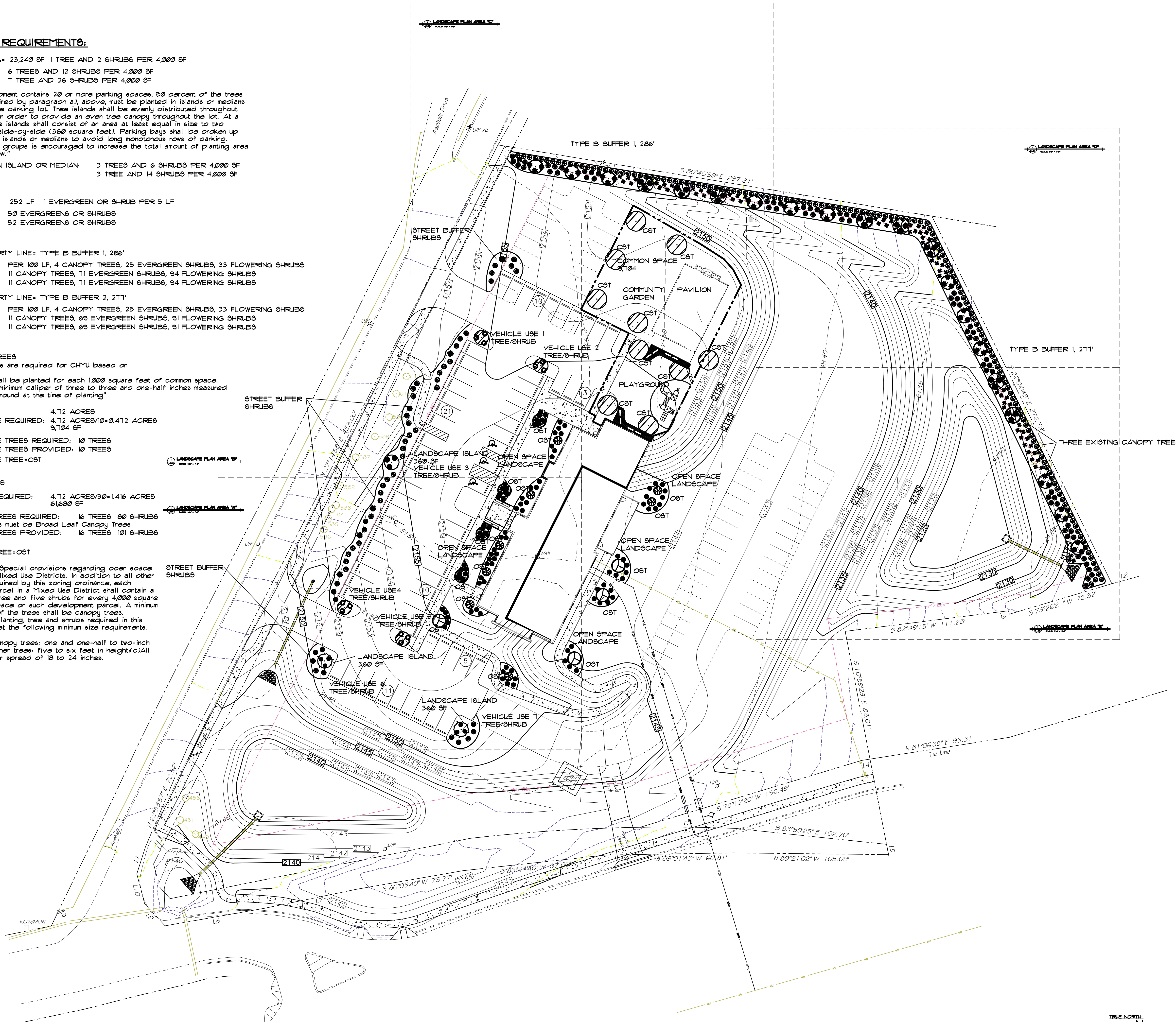
OPEN SPACE REQUIRED: 4.72 ACRES/30=1.416 ACRES
 61,680 SF

OPEN SPACE TREES REQUIRED: 16 TREES 80 SHRUBS
 8 of these trees must be Broad Leaf Canopy Trees
 OPEN SPACE TREES PROVIDED: 16 TREES 101 SHRUBS

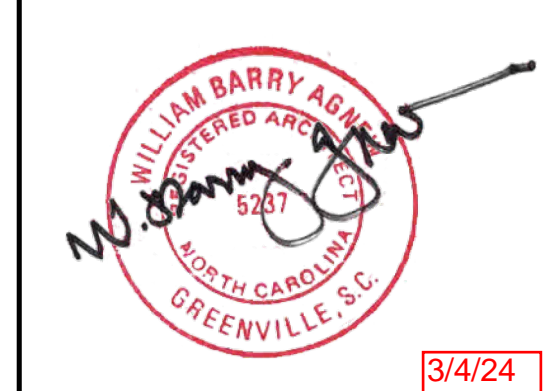
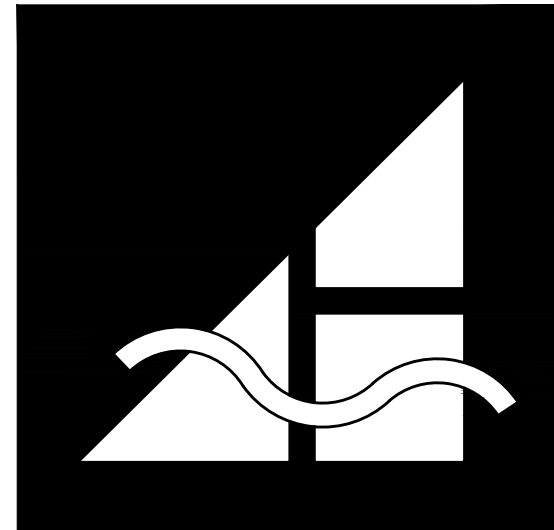
OPEN SPACE TREE=OST

Section 15-13 - Special provisions regarding open space landscaping in Mixed Use Districts. In addition to all other landscaping required by this zoning ordinance, each development parcel in a Mixed Use District shall contain a minimum of one tree and five shrubs for every 4,000 square feet of open space on such development parcel. A minimum of 50 percent of the trees shall be canopy trees. At the time of planting, trees and shrubs required in this section shall meet the following minimum size requirements.

(a) Broadleaf canopy trees: one and one-half to two-inch caliper; (b) All other trees: five to six feet in height; (c) All shrubs: height or spread of 18 to 24 inches.



OVERALL LANDSCAPE PLAN
 SCALE: 1/32" = 1'-0"



ADEPTUS ARCHITECTURE, INC. 121 MAINLY STREET GREENVILLE, SC 29601 864-242-2514
NEW CHURCH FOR LIVING SAVIOR LUTHERAN CHURCH
 UPWARD ROAD AND VINE ROAD HENDERSONVILLE, NORTH CAROLINA

| | |
|-------------|----------|
| DRAWN BY: | MJD |
| CHECKED: | WBA |
| DATE: | 3/4/24 |
| SCALE: | AS NOTED |
| JOB NUMBER: | 2111 |
| REVISIONS: | |

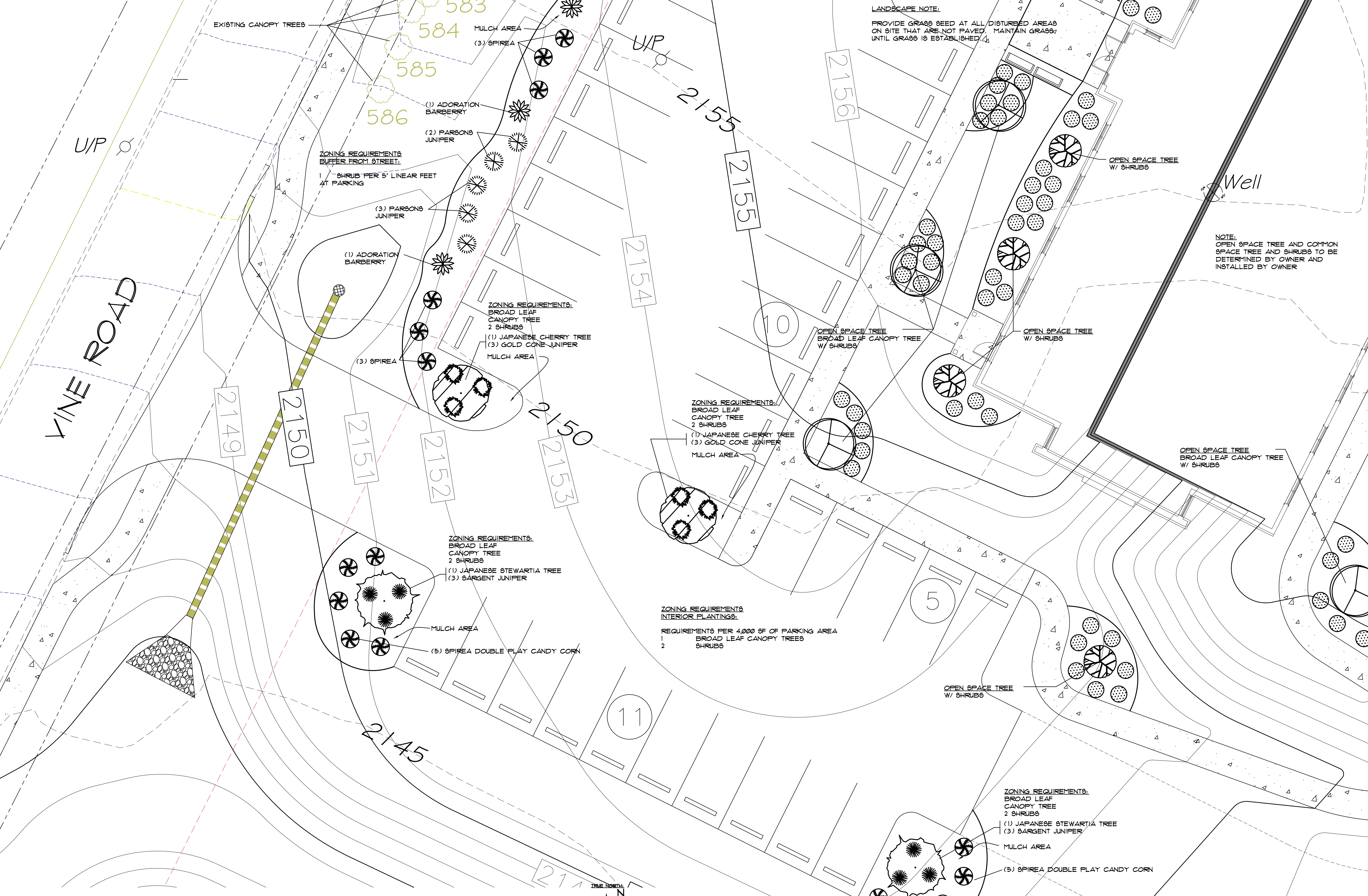
DESCRIPTION
 OVERALL LANDSCAPE PLAN

SHEET
 L1.00

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AREA "B"
MATCHLINE
AREA "A"
MATCHLINE

AREA "B"
MATCHLINE
AREA "A"
MATCHLINE



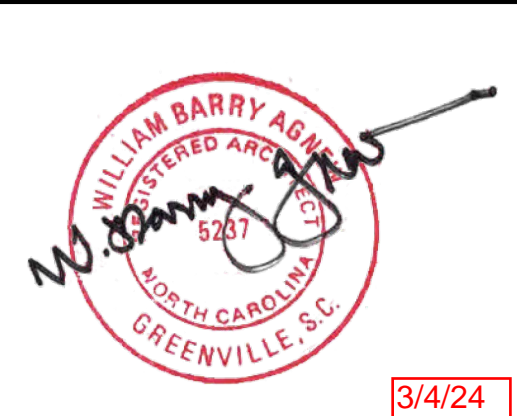
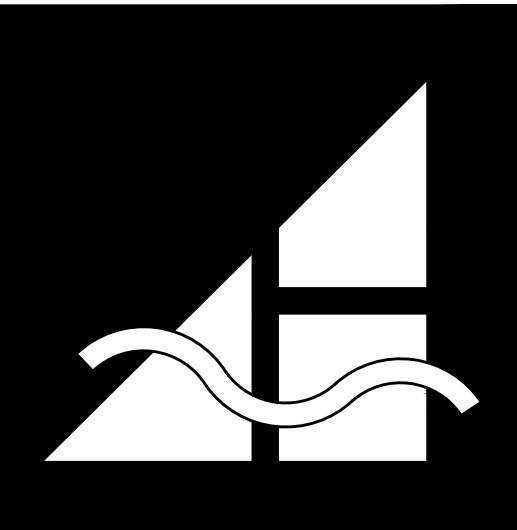
LANDSCAPE NOTE:
PROVIDE GRASS SEED AT ALL DISTURBED AREAS ON SITE THAT ARE NOT PAVED. MAINTAIN GRASS UNTIL GRASS IS ESTABLISHED.

NOTE:
OPEN SPACE TREE AND COMMON SPACE TREE AND SHRUBS TO BE DETERMINED BY OWNER AND INSTALLED BY OWNER

ZONING REQUIREMENTS:
INTERIOR PLANTINGS:
REQUIREMENTS PER 4,000 SF OF PARKING AREA
1 BROAD LEAF CANOPY TREE
2 SHRUBS

VINE ROAD

LANDSCAPE PLAN AREA "A"
SCALE: 1/8" = 1'-0"



ADEPTUS ARCHITECTURE, INC. 121 MANLY STREET GREENVILLE, SC 29601 864-242-2514

NEW CHURCH FOR LIVING SAVIOR LUTHERAN CHURCH

UPWARD ROAD AND VINE ROAD HENDERSONVILLE, NORTH CAROLINA

| | |
|-------------|----------|
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| DATE: | 3/4/24 |
| SCALE: | AS NOTED |
| JOB NUMBER: | 2111 |
| REVISIONS: | |

DESCRIPTION
LANDSCAPE PLAN
AREA "A"

SHEET
L1.01

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Asphalt Drive

VINE ROAD

U/P x2

LANDSCAPE NOTE:
 PROVIDE GRASS SEED AT ALL DISTURBED AREAS ON SITE THAT ARE NOT PAVED. MAINTAIN GRASS UNTIL GRASS IS ESTABLISHED.

RESIDENTIAL PROPERTY

ZONING REQUIREMENTS:
 BUFFER TYPE B:
 REQUIREMENTS PER 100'
 4 BROAD LEAF CANOPY TREES
 25 EVERGREEN SHRUBS
 33 FLOWERING SHRUBS

56 FLOWERING SHRUBS

AUTUMN BRILLIANCE SERVICEBERRY TREE
 (3) CRIMSON PYGMY BARBERRY
 (1) FOREST PANSEY REDBUD TREE
 (3) ORANGE ROCKET BARBERRY
 (1) OCTOBER GLORY MAPLE TREE
 (3) VARIEGATED ABELIA

(1) OCTOBER GLORY MAPLE TREE
 (3) VARIEGATED ABELIA

(1) FOREST PANSEY REDBUD TREE
 (3) ORANGE ROCKET BARBERRY

(43) EMERALD GREEN ARBORVITAE

(1) AUTUMN BLAZE MAPLE TREE
 (3) VARIEGATED ABELIA

(6) SPIREA
 MULCH AREA

(5) SPIREA

(5) SPIREA
 (1) LEGACY SUGAR MAPLE TREE
 (3) VARIEGATED ABELIA

(5) HIGH BUSH BLUEBERRY

(5) HIGH BUSH BLUEBERRY
 MULCH AREA

FUTURE PARKING

NOTE:
 OPEN SPACE TREE AND COMMON SPACE TREE AND SHRUBS TO BE DETERMINED BY OWNER AND INSTALLED BY OWNER

COMMON SPACE TREE

SEE DRAWING L1.02

2157

2156

2155

2154

2153

2150

AREA "C" MATCHLINE
 AREA "D" MATCHLINE



3/4/24

ADEPTUS ARCHITECTURE, INC. 121 MANLY STREET GREENVILLE, SC 29601 864-242-2514

NEW CHURCH FOR LIVING SAVIOR LUTHERAN CHURCH
 UPWARD ROAD AND VINE ROAD HENDERSONVILLE, NORTH CAROLINA

| | |
|-------------|----------|
| DRAWN BY: | MJD |
| CHECKED: | WBA |
| DATE: | 3/4/24 |
| SCALE: | AS NOTED |
| JOB NUMBER: | 2111 |
| REVISIONS: | |

DESCRIPTION
 LANDSCAPE PLAN AREA "C"

SHEET
 L1.03

LANDSCAPE PLAN AREA "C"
 SCALE: 1/8" = 1'-0"

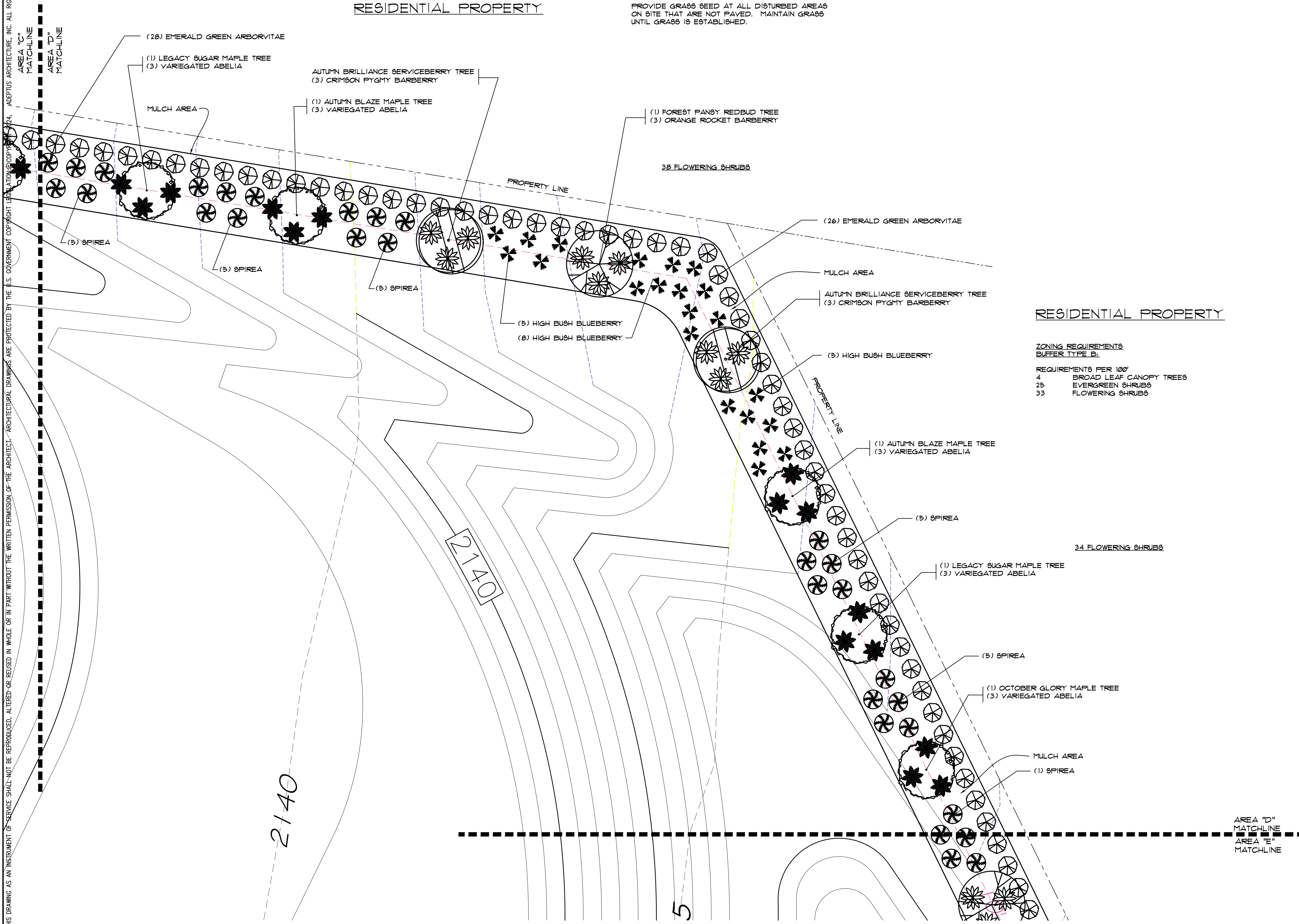


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RESIDENTIAL PROPERTY

LANDSCAPE NOTE:

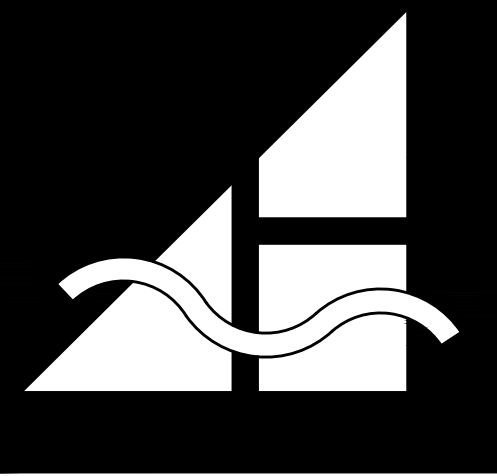
PROVIDE GRASS SEED AT ALL DISTURBED AREAS ON SITE THAT ARE NOT PAVED. MAINTAIN GRASS UNTIL GRASS IS ESTABLISHED.



RESIDENTIAL PROPERTY

ZONING REQUIREMENTS
BUFFER TYPE B:

| REQUIREMENTS PER 100' | |
|-----------------------|-------------------------|
| 4 | BROAD LEAF CANOPY TREES |
| 25 | EVERGREEN SHRUBS |
| 33 | FLOWERING SHRUBS |



3/4/24

ADEPTUS ARCHITECTURE, INC. 121 MANLY STREET GREENVILLE, SC 29601 864-242-2514

**NEW CHURCH FOR
LIVING SAVIOR LUTHERAN CHURCH**
 UPWARD ROAD AND VINE ROAD
 HENDERSONVILLE, NORTH CAROLINA

| | |
|-------------|----------|
| DRAWN BY: | MJD |
| CHECKED: | WBA |
| DATE: | 3/4/24 |
| SCALE: | AS NOTED |
| JOB NUMBER: | 2117 |
| REVISIONS: | |
| | |
| | |

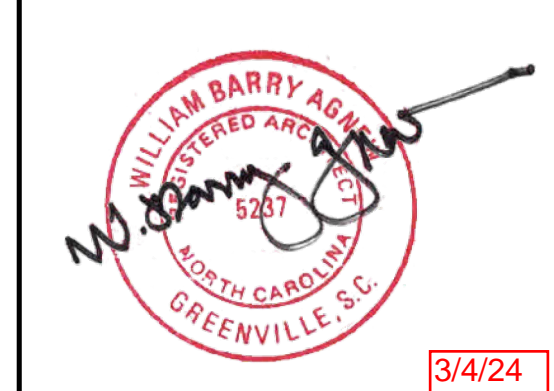
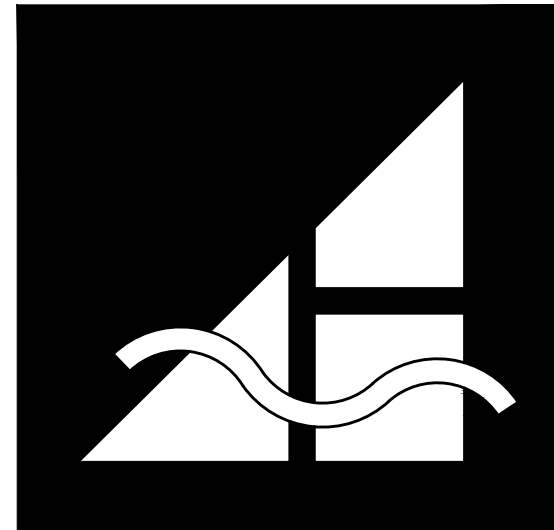
DESCRIPTION
LANDSCAPE PLAN
AREA "D"

SHEET
L1.04

LANDSCAPE PLAN AREA "D"
SCALE: 1/8" = 1'-0"



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ADEPTUS ARCHITECTURE, INC. 121 MANLY STREET GREENVILLE, SC 29601 864-242-2514

NEW CHURCH FOR LIVING SAVIOR LUTHERAN CHURCH

UPWARD ROAD AND VINE ROAD HENDERSONVILLE, NORTH CAROLINA

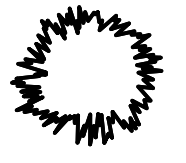
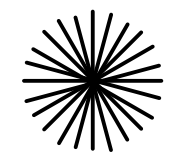

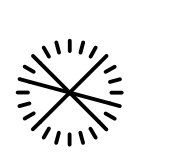
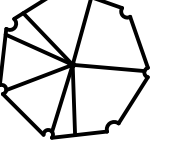
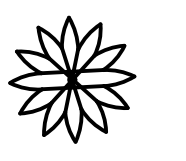

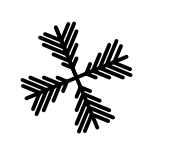
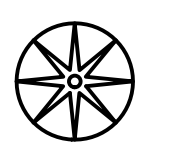

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| DRAWN BY: | MJD |
| CHECKED: | WBA |
| DATE: | 3/4/24 |
| SCALE: | AS NOTED |
| JOB NUMBER: | 2117 |
| REVISIONS: | |

DESCRIPTION
LANDSCAPE PLAN
AREA "E"

SHEET
L1.05

NEW LANDSCAPE PLANTS

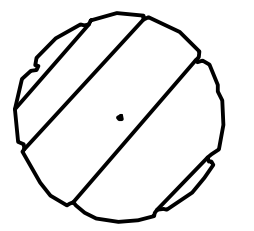
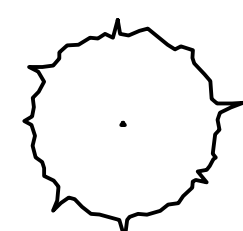

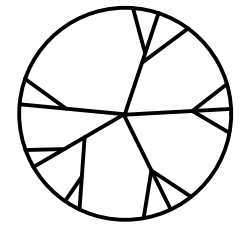
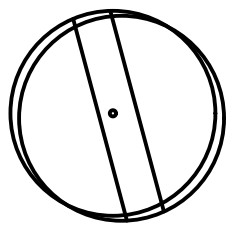
All landscaping species are required to come from the City's approved landscaping list.
https://www.hendersonvillenc.gov/sites/default/files/uploads/recommended_landscaping_species_list_revised.pdf
 PLANT SIZE: THE MINIMUM PLANT SIZE FOR ALL NEW PLANTS SHALL BE FROM 18" TO 24" IN HEIGHT

| | | | | |
|---|--|--|--|--|
| GOLD CONE JUNIPER  | SARGENT JUNIPER  | BLUE STAR JUNIPER  | PARSONS JUNIPER  | EMERALD GREEN ARBORVITAE THUJA OCCIDENTALIS EMERALD GREEN  |
| ADORATION BARBERRY CRIMSON PYGMY BARBERRY ORANGE ROCKET BARBERRY  | SPIREA  | HIGH BUSH BLUEBERRY  | DOUBLE KNOCK OUT ROSE  | VARIEGATED ABELIA  |

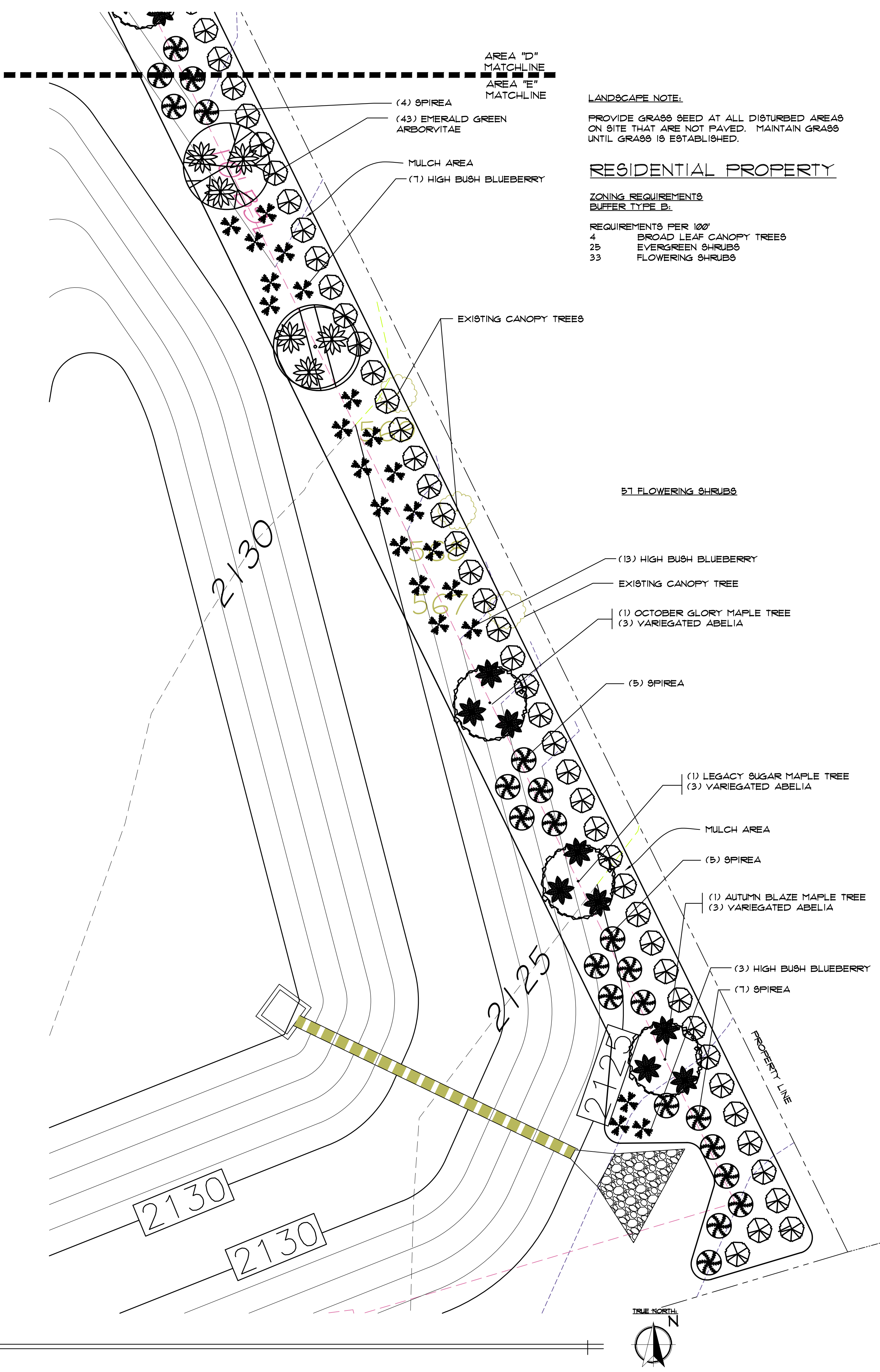
NOTE:
OPEN SPACE TREE AND COMMON SPACE TREE AND SHRUBS TO BE DETERMINED BY OWNER AND INSTALLED BY OWNER

NEW LANDSCAPE TREES

TREE SIZE: THE MINIMUM TREE SIZE FOR ALL NEW TREES SHALL BE FROM 1 3/8" TO 1 1/2" CALIFER

| | | | | |
|--|---|--|--|---|
| JAPANESE CHERRY  | JAPANESE STEWARTIA  | AUTUMN BLAZE MAPLE LEGACY SUGAR MAPLE OCTOBER GLORY MAPLE  | FOREST PANSY REDBUD  | AUTUMN BRILLIANCE SERVICEBERRY  |
|--|---|--|--|---|

NOTE:
OPEN SPACE TREE AND COMMON SPACE TREE AND SHRUBS TO BE DETERMINED BY OWNER AND INSTALLED BY OWNER



LANDSCAPE NOTE:
PROVIDE GRASS SEED AT ALL DISTURBED AREAS ON SITE THAT ARE NOT PAVED. MAINTAIN GRASS UNTIL GRASS IS ESTABLISHED.

RESIDENTIAL PROPERTY

ZONING REQUIREMENTS
BUFFER TYPE B:
REQUIREMENTS PER 100'
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25 EVERGREEN SHRUBS
33 FLOWERING SHRUBS

LANDSCAPE PLAN AREA "E"
SCALE: 1/8" = 1'-0"