

LARGE SCALE DEVELOPMENT For: Beacon Ventures Commercial S. Bois D'Arc Street & W. White Street Farmington, Arkansas

General Notes:

- A minimum of forty eight (48) hours prior to any excavation or grading, Contractor shall contact the State One-Call system at 811to locate all underground utilities. The Contractor shall notify the Engineer of Record immediately in the event that underground utilities are not shown on plan and / or conflict with proposed civil works.
- The Engineer of record shall not be held responsible for survey inaccuracies, survey omissions, or for design errors or omissions resulting from an inaccurate survey.
- X Construction Contractor and his Subcontractors agree that in accordance with generally accepted construction practices and OSHA safety standards, Construction Contractor and his Subcontractors will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not limited to normal working hours, and construction Contractor and his Subcontractors further agree to defend, indemnify and hold Design Professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, except liability arising from the sole negligence of design professional.
- X It is the responsibility of the Contractor to maintain all erosion and sediment control devices through all phases of construction. Erosion and sediment control devices may only be removed upon 70% stabilization of the site as defined by the State's Department of Environmental Quality's General Permit for Construction.
- The Contractor is to be solely responsible for any damage to neighboring properties during construction of this project.
 This project was designed in accordance with currently accepted industry design standards. The Engineer of
- Record does not warrant any work completed on site unless direct inspection by the Engineer of Record & proper testing by a state certified qualified inspection lab occurs during all phases of construction.

 X The Contractor shall review the construction documents prior to any construction, and notify the Engineer of
- Record immediately upon discovery of any discrepancies that may occur on the drawings. All work shall discontinue until such time that the Engineer of Record has resolved said discrepancy.

 X The Contractor shall be responsible for disposal of construction waste materials including but not limited to
- demolition materials, debris, contaminated soils / materials, etc. in a lawful manner, at state and federally accepted disposal sites.
- X The Contractor is responsible for obtaining and constructing in accordance with the stricter of: these construction documents and any associated details & specifications; and all municipalities / governing agencies' standards and
- This drawing set and associated site, grading, utility, etc. plans are representations of the construction design and shall not be scaled to determine dimensions.

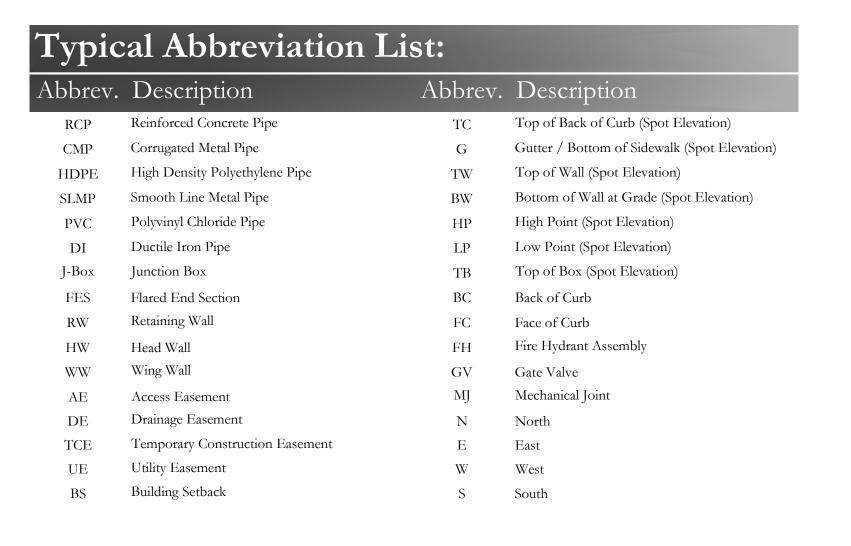
Survey Description

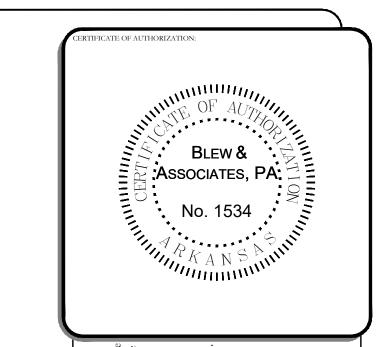
LOTS 1, 2 AND A PART OF LOT 3, BLOCK 2, THE ORIGINAL TOWN OF FARMINGTON, AS SHOWN IN PLAT BOOK 4 AT PAGE 155, ON FILE WITH THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF WASHINGTON COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS, TO-WIT: COMMENCING AT AN EXISTING 1" PIPE FOR THE SOUTHEAST CORNER OF LOT 6, SAID BLOCK 2, AND RUNNING THENCE N87°53'16"W 192.37' TO AN EXISTING 1/2" REBAR FOR THE POINT OF BEGINNING, THENCE CONTINUING N87°53'16"W 107.37' TO AN EXISTING 1/2" REBAR, THENCE N02°15'46"E 150.47' TO AN EXISTING 1/2" REBAR, THENCE S87°45'34"E 107.37' TO AN EXISTING 1/2" REBAR, THENCE S02°15'46"W 150.23' TO THE POINT OF BEGINNING. CONTAINING 0.37 ACRES, MORE OR LESS. SUBJECT TO EASEMENTS AND RIGHTS-OF-WAY OF RECORD.

Contact Information	1:
DEVELOPER / PROPERTY OWNER:	CITY OF FARMINGTON:
Derek Winkle	354 W Main St
10740 Terpening Rd	Farmington, AR 72730
Prairie Grove, AR 72753 Ph: (479) 530-2701	Ph: (479) 267-3865
111. (17) 330 2701	BUILDING DEPARTMENT
CIVIL ENGINEER:	Rick Bramall, Building Official
Blew & Associates, PA	Chris McCarville, Code Enforcement Officer
3825 N. Shiloh Drive	Ph: (479) 267-3865
Fayetteville, AR 72703	
Ph: (479) 443-4506	PLANNING COMMISSION
Fax: (479) 582-1883	Melissa McCarville, City Business Manager
Y ANYD GURNING D	354 W Main St
LAND SURVEYOR:	P.O. Box 150
Blew & Associates, PA	Farmington, AR 72730
3825 N. Shiloh Drive	Ph: (479) 267-3865 Ext. 202
Fayetteville, AR 72703	Fax: (479) 267-3805
Ph: (479) 443-4506 Fax: (479) 582-1883	PUBLIC WORKS DEPARTMENT
$1^{\circ}ax. (479) 302-1003$	Floyd Shelley, Public Works Manager
	380 Broyles St
	Farmington, AR 72730
	Ph: (479) 267-3865
	POLICE DEPARTMENT
	Brian Hubbard, Police Chief
	354 W Main St
	P.O. Box 150
	Farmington, AR 72730
	Ph: (479) 267-3411
	FIRE DEPARTMENT
	Bill Hellard, Fire Chief
	200 MI 3 F : 0

372 W Main St Farmington, AR 72730 Ph: (479) 267-3338

Sheet №	Title	Date
	CIVIL PLANS	
C1	Cover Sheet	8/19/2025
C2	Site/Utility Plan	8/19/2025
C2-1	Landscape Plan	8/19/2025
C3	Demolition and Erosion Control Plan Ph 1	8/19/2025
C3-1	Erosion Control Plan Ph 2	8/19/2025
C4	Grading and Drainage Plan	8/19/2025
	DETAILS	
C5 - C5-1	Details	8/19/2025
	CITY OF FAYETTEVILLE	
C6 - C6-1	Details	8/19/2025
	ALTA SURVEY	
1	Survey (by Blew & Associates, P.A.)	1/31/2025





ation of any underground utility pipes or structures shown 1 by a search of the available records To the best of our kn g utilities except as shown on these drawings and we assume the accuracy of their depicted location(s) on these drawing ed to take due precautionary measures to protect the utilities ince not of record or not shown on these drawings by ver a field prior to the initiation of the actual portion of the the the actual portion of the the their incomment Ownership *

* Document Ownership *

t, and the ideas and designs incorporated hereif of professional services, is the property of Ble

responsibility as Contractor is required shown, and all other location in of their location in of their location in and instrume and instrume Associate

Bois D'Arc Street & W. White Street Farming

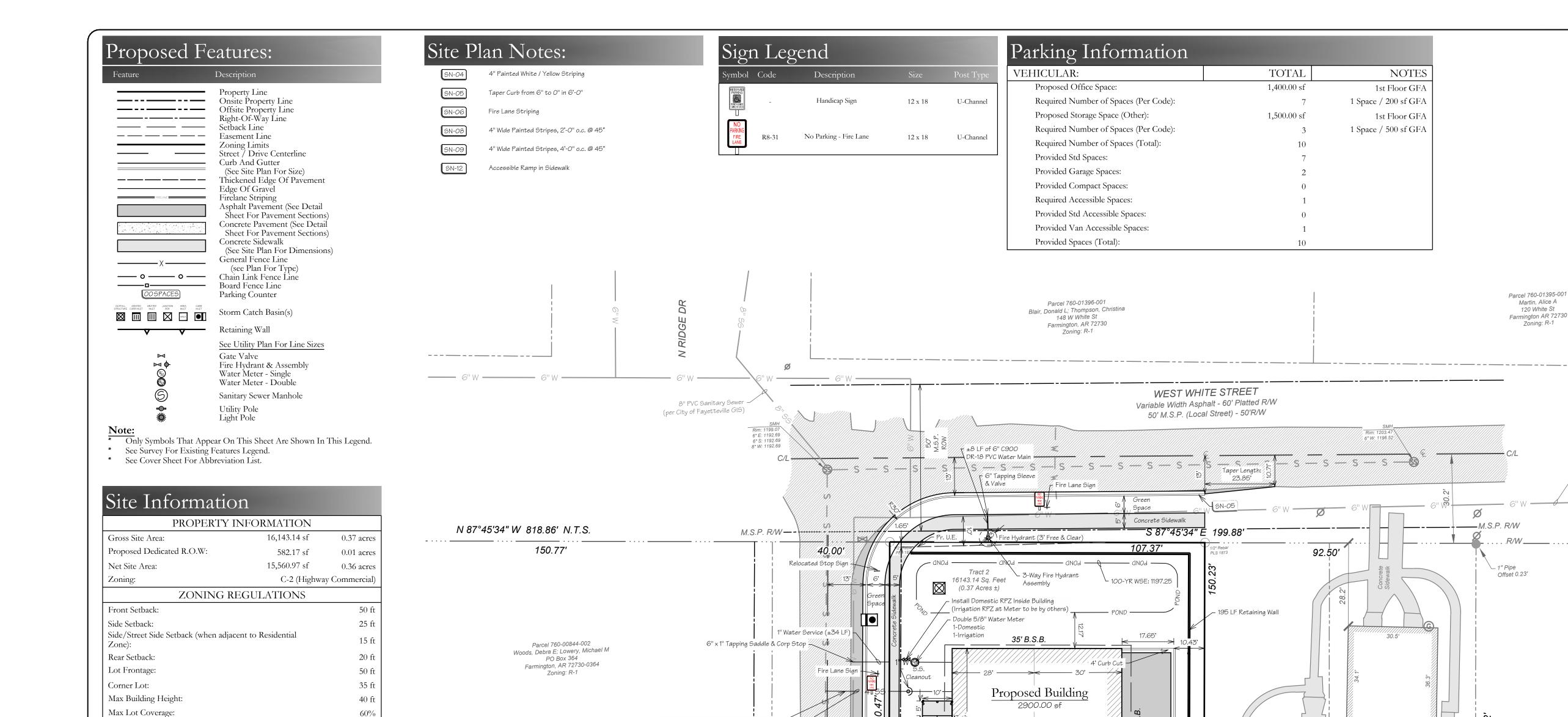
Derek Winkle

10740 Terpening Rd

Prairie Grove, AR 72753

CONSTRUCTION
CONSTRUCTION
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CONSTRUCTION





Utility Notes:

Building Height (Provided, to Top of Parapet):

GENERAL:

Total Building Area

Total Paved Area:

Total Sidewalk Area:

Total Pervious Area:

Total Impervious Area:

X The contractor shall contact "One-Call" and / or the appropriate utility company a minimum of 48 hours prior to excavation in areas of existing utilities. The contractor is responsible for any damage to underground utility lines and shall make every effort necessary to coordinate with the appropriate utility company for repair of the utility.

SITE INFORMATION

2,900.00 sf

5,274.86 sf

720.28 sf

8,895.14 sf

6,665.83 sf

0.07 acres

0.12 acres

0.02 acres

0.20 acres

0.15 acres

29'-0"

- X A minimum of 48 hours prior to start of construction / installation of any utilities, the contractor shall be responsible for contacting the local municipality / governing agency or utility to schedule a pre-construction meeting as required by said municipality / agency / utility. No work shall occur on the site prior to the pre-construction meeting. contractor shall also be responsible for obtaining any necessary state / local permits for
- **X** Water and Storm lines shall have a minimum of 18" vertical separation and 10'-0" of horizontal separation from the sanitary sewer lines.
- X All water and sewer force main fitting shall be restrained through the use of thrust blocking per the detail sheets or approved equivalent anchors. X Contractor shall refer to architectural or plumbing drawings for utility
- connection locations for the building. X Dimensions are to the face / corner of the building, face of curb, and
- centerline of pipe and fitting. X Contractor shall coordinate disruption of utility service with all
- surrounding / adjacent property owners. **X** Existing utilities shown on plans have been shown in their approximate
- locations per available information. X Contractor shall obtain authorization of the local municipalities prior to connection to any existing water lines, sewer lines, or sewer manholes. Contractor shall avoid spillage of any raw materials from the sewer system.

In the event that a spill occurs, the contractor shall provide all equipment

necessary to repair the sewer line, and remove all spilt sewage including

- contaminated soils per the requirements of the local municipality. X Proposed utilities that are to be buried within the same trench shall be
- coordinated with and approved by the appropriate utility company.
- X Contractor shall field verify depth and location of existing utilities prior to construction of proposed utilities.
- X Proposed utilities shall be constructed in accordance with the standards /
- specifications of the governing agency. X Contractor shall coordinate with appropriate utility company as listed on
- the cover sheet for adjustment of utility lines affected by cut and fill. X Utility lines less than 12 ky shall be relocated underground as required by
- the local municipality. X Contractor shall coordinate with appropriate utility companies for routing

of gas, telephone, cable, and electricity.

WATER:

- X All water lines shall have 3'-0" min. cover above top of pipe. X All water lines shall be bedded in accordance with Governing Agencies
- standards and bedding detail, see detail sheet(s). X All water lines shall be hydrostatically tested and disinfected in accordance with city standards and with a city inspector present. All fire hydrants shall have a city approved gate valve installed within 5'-0"

- Any cleanouts, valve boxes, and meter boxes in the pavement area shall be
- installed with a concrete apron in accordance with the detail sheet.
- Fire hydrants shall be installed in accordance with the standards / specification of the local water utility company and local municipality.

SANITARY SEWER:

- X All sanitary sewer lines shall have 3'-0" min. cover above top of pipe. X All sanitary sewer lines shall be bedded in accordance with Governing
- Agencies' standards and bedding detail, see detail sheet(s). X Sanitary sewer manholes located in grass area / non-paved area shall be constructed so that the rim is six (6) inches above proposed highest point of closest adjacent grade. In the event this can not be achieved then the
- manhole cover shall be water tight. X Contractor shall match top of proposed sanitary sewer manhole to proposed grade. if a discrepancy occurs between the proposed grade and proposed structure tops, the grading shall govern. If the discrepancy is

Site General Notes:

RPZ for Domestic Service

to be Located in

Heidi Holdings LLC

10740 Terpening Rd

Prairie Grove, AR 72753

13 LF Retaining Wall

- X Dimensions are measured from the Face of Curb, the Edge of Pavement, the Edge of Sidewalk the Face/Corner of the Building(s) or the Center/End of
- X All radii shall be 4 foot at Face of Curb unless otherwise specified.
- **X** Layout of Site Plan is based on and limited to survey information.

N 87°53'16" W 199.96'

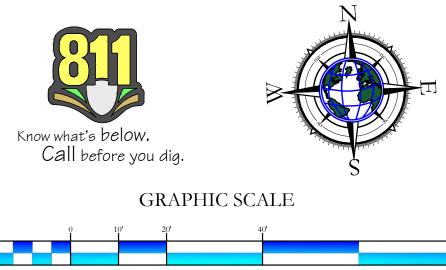
Parcel 760-00856-000

Heidi Holdings LLC

10740 Terpening Rd

Prairie Grove, AR 72753

- **★** All Curb & Gutter shall be 24" wide per detail sheet. **X** All Pavement Marking shall be applied in accordance with the requirements outlined in the most current edition of the "Manual on Uniform Traffic
- Control Devices" (MUTCD). X All Signs, Traffic Control Devices, etc. shall follow the guidelines of the
- MUTCD. X The Contractor shall refer to the Architectural drawings for Building Floor plans and Dimensions, Wall Sections, Door Openings, Building Utility Entrance Points, etc. The Contractor shall immediately notify the Architect and Engineer in the event that the Civil Site Plans Building Layout does not
- X All handicap spaces shall be striped / marked in accordance with the
- X All pavement indicated shall be standard duty bituminous pavement unless otherwise noted on plan. The pavement shall be constructed in accordance
- X It is the Contractor's responsibility to calculate construction staking coordinates according to the dimensions shown on these plans. The Contractor shall verify the accuracy of the coordinates shown on the plans
- and notify the Engineer of any irregularities before construction starts. X All ramps shall have detectable truncated dome panels per A.D.A. and city standards and the detail sheet



(IN FEET)

1 inch = 20 ft

P.O.C.

All Tracts

1" Pinch Pipe

SE Corner

Lot 6, Block 2

Original Town

N 87°53′16" W 99.92′

Parcel 760-00852-000

Prairie Grove Telephone Co

PO Box 1010 Prairie Grove, AR 72753-1010

Zoning: C-2

Farmington `

_ 6" PVC Water Main (per City of Fayetteville GIS)

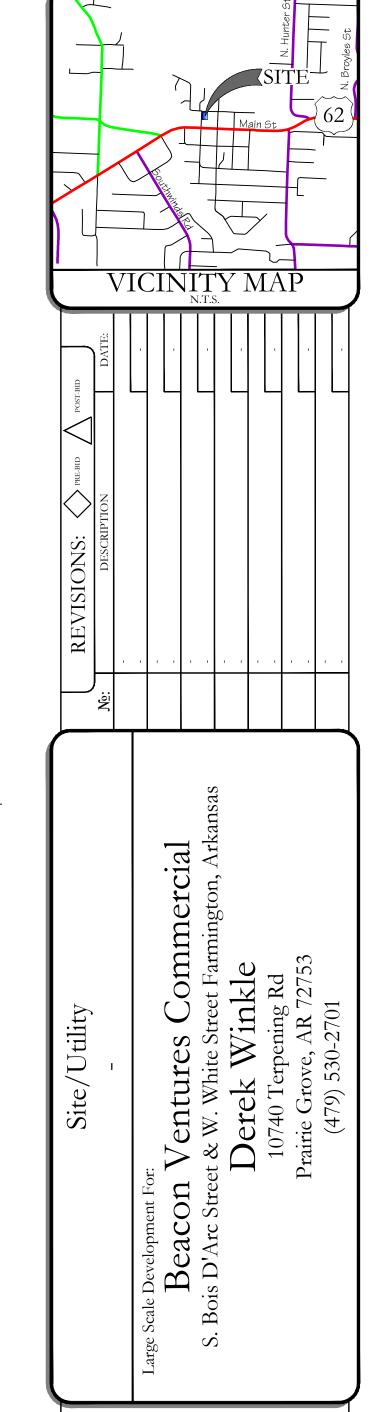
100.12'

Parcel 760-00851-000

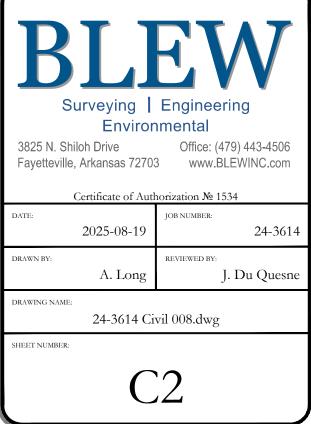
Storlie, Jill; Storlie, Joseph 9 S Locust St

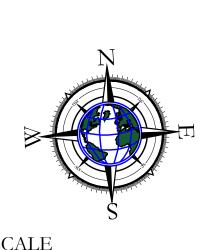
Farmington, AR 72730-2000

Zoning: C-2



CONSTRUCTION FORREVIEW





S 87°45'34" E 306.65' N.T.S.

40.00'

more than 4 inches the contractor shall contact the Engineer of Record.

141 W White Street

Parent Tract

30026.91 Sq. Feet

0.69 Acres ±

Parcel 760-00854-000

Heidi Holdings LLC 10740 Terpening RD Prairie Grove, AR 72753

Zoning: C-2

- P.O.B.

Tract 1

Parcel 760-00850-000

Tract 1

13883.77

Sq. Feet

(0.32)

Acres ±)

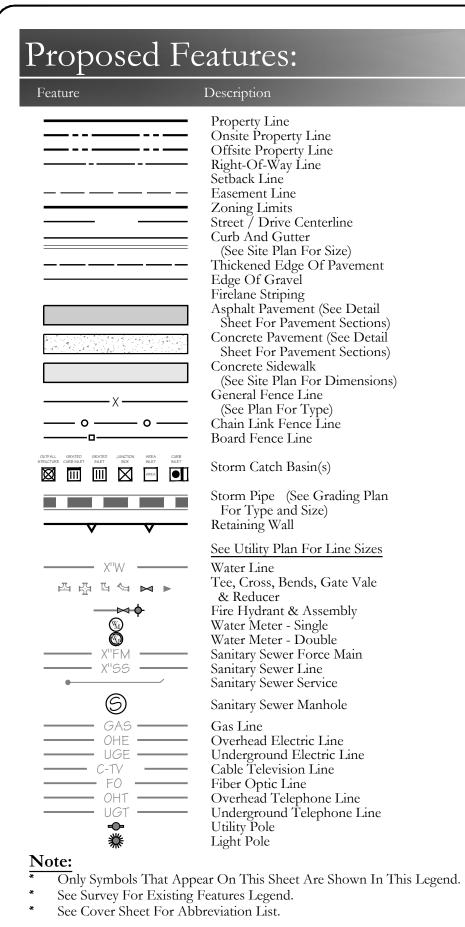
Rim: 1200.68 6" W: 1194.85

\$.O.B. S

Tract 2

match the Architectural drawings. handicap striping detail.

with the pavement section detail.



Landscape Notes:

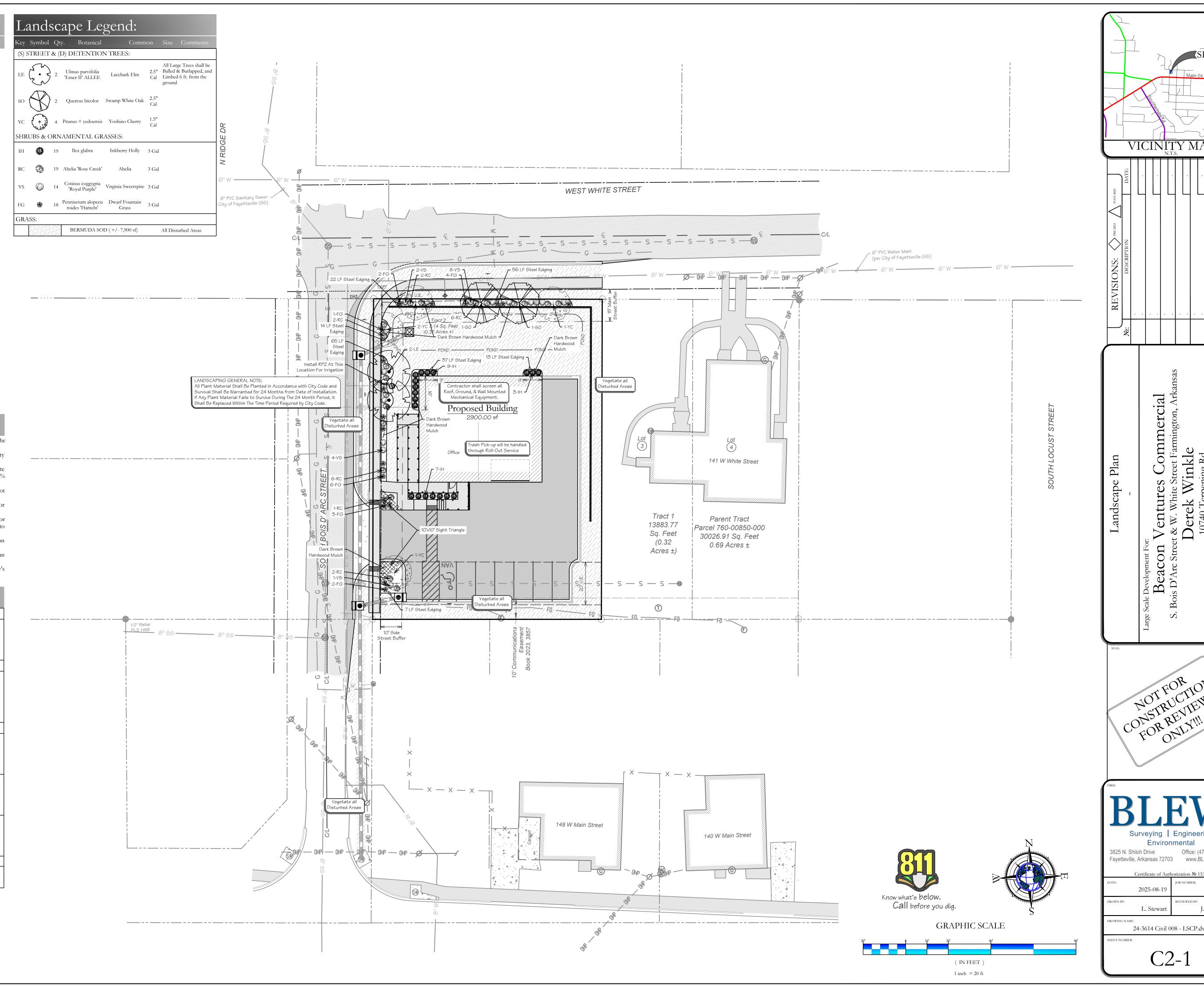
- X Dimensions are measured from the Face of Curb, the Face/Corner of the Building(s) or the Center of Stripe.
- X Landscape contractor shall contact the State One Call System (811) for utility locations prior to beginning landscape work.

containing asphalt) and applied per manufacturer's instructions.

- X Grass areas shall be covered with Bermuda grass sod or a suitable substitute or hydroseeded per manufacturer's instructions. with a mixture of 70% Bermuda and 30% bluegrass at a rate of 204lbs / 1000 s.f. X If grassed area is hydroseeded, a mulch emulsifier shall be added (not
- X All landscape beds are to be mulched with either tanned hardwood bark or redwood mulch, with a thickness of 3" over entire bed.
- X Soil within landscape beds is to be amended with equal parts of perlite (or equitable substitute), peat moss and clean top soil. All landscape beds are to have sod removed before installation of plant material.
- X Irrigation water meters have been provided. Developer to contact irrigation contractor to design and install automatic irrigation system.
- X All plant materials shall meet requirements established by the American Standard of Nursery Stock.
- X All plant and landscape materials shall be installed per Municipality's Landscape Manual.

Landscape Information:

PROPERTY INFORMATION				
Gross Site Area:	16,143.14 sf	0.37 acre		
Proposed Dedicated R.O.W:	582.17 sf	0.01 acre		
Net Site Area:	15,560.97 sf	0.36 acre		
Zoning:	C-2 (Highway	y Commercia		
SITE INFORM	IATION			
Total Building Area:	2,900.00 sf	0.07 acre		
Total Paved Area:	5,274.86 sf	0.12 acre		
Total Sidewalk Area:	720.28 sf	0.02 acre		
Total Impervious Area:	8,895.14 sf	57.2%		
Total Pervious Area:	6,665.83 sf	42.8%		
LANDSCAPING REQUIREMENTS				
15' Main Street Buffer:	1 Trees & 5	Shrubs / 30 t		
Length of Frontage:		103 1		
Required:	3 Trees	17 Shrub		
Provided:	4 Trees	17 Shrub		
10' Side Street Buffer:	1 Trees & 3 Shrubs / 35 t			
Length of Frontage:		154		
Required:	4 Trees	14 Shrub		
Provided:	4 Trees	15 Shrub		
Building Front Landscaping:	One-fourth of I	Building Fron		
Length of Frontage:		114.69		
Required:		28.7		
Provided:		34.0		
Parking Lot Landscaping:	No Isla	nds Propose		
Perimeter Landscaping:	Compatable-	-No Screenin Require		



VICINITY MAP CONSTRUCTION Surveying | Engineering Office: (479) 443-4506 Fayetteville, Arkansas 72703 www.BLEWINC.com J. Du Quesn 24-3614 Civil 008 - LSCP.dwg

- X Contractor shall be responsible for removal of the Existing Structures, Related Utilities, Paving, Underground Storage Tanks and any other existing improvements as noted. Contractor is to remove and dispose of all debris, rubbish, and other materials resulting from previous and current demolition operations. Disposal shall be in accordance with all Local, State and/or Federal Regulations Governing such operations.
- X The General Contractor shall take all precautions necessary to avoid property damage to adjacent properties during the construction phases of this project. The contractor will be held solely responsible for any damages to the adjacent properties occurring during the construction phases of this project.
- X The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these plans is based on records of the various utility companies, and where possible, measurements taken in the field. The information is not to be relied upon as being exact or complete. The contractor must call the appropriate utility company at least 48 hours prior to any excavation to request exact field location of utilities. It shall be the contractor's responsibility locate all existing utilities which conflict with the proposed improvements shown on the plans, whether shown or not shown at no additional cost to the owner.
- Contractor shall remove all buildings, pavement, curbs, trees, light poles, utility poles and lines from the site up to the limits of construction or the property line unless otherwise noted. Contractor shall cap/plug any water, qas, sanitary sewer or storm sewer line at the property line. Electric and Telephone lines whether overhead or underground shall be terminated at the closest utility pole or pedestal to the property line or per the Designated Utility Company's Requirements.
- X It is the Contractor's responsibility to remove any and all asbestos or any other hazardous materials from the site per government guidelines and shall dispose of the hazardous materials in strict accordance to
- X Contractor shall ensure that adequate measures are taken prior to the removal of any existing storm water / sanitary sewer systems so that the discharge of water remains uninterrupted both on and off the site.
- X Contractor shall ensure that any utility service to the site that shall be removed will not interrupt service to the neighboring property owners. It is the contractors responsibility to coordinate with the neighboring property owners if service will be interrupted.

Erosion General Notes:

- X The Storm Water Pollution Prevention Plan (SWPPP) is comprised of the Erosion Phase I & II 4. construction drawings, the standard details and any related documents including City
- **X** 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
- X Best Management Practices (BMP's) and controls shall conform to federal, state, or local requirements or manual of practice, as applicable, Contractor shall implement additional controls as directed by permitting agency or owner.
- X Site map must clearly delineate all state waters. Permits for any construction activity impacting state waters or regulated wetlands must be maintained on site at all times. X Contractor shall minimize clearing to the maximum extent practical or as required by the
- **X** General Contractor shall denote on plan the temporary parking and storage area which shall also be used as the equipment maintenance and cleaning area, employee parking area, and area for locating portable facilities, office trailers, and toilet facilities.
- X All wash water (concrete trucks, vehicle cleaning, equipment cleaning, etc.) shall be detained and properly treated or disposed.
- X 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. X 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. X Rubbish, trash, garbage, litter, or other such materials shall be deposited into sealed containers. Materials shall be prevented from leaving the premises through the action of
- wind or storm water discharge into drainage ditches or Waters of the State or U.S. X All storm water pollution prevention measures presented on this plan, and in the Storm Water Pollution Prevention Plan, shall be initiated as soon as practicable.
- X Disturbed portions of the site where construction activity has stopped shall be temporarily seeded no later than 14 days after the last construction activity occurring in these areas. X Disturbed portions of the site where construction activity has permanently stopped shall be 3. permanently seeded. These areas shall be seeded no later than 14 days after the last construction activity occurring in these areas. Refer to the grading plan and/or landscape
- X If the action of vehicles traveling over the gravel construction entrances is not sufficient to remove the majority of dirt or mud, then the tires must be washed before the vehicles enter a public road. If washing is used, provisions must be made to intercept the wash water and trap the sediment before it is carried off the site.
- All materials spilled, dropped, washed, or tracked from vehicles onto roadways or into storm drains must be removed immediately. X 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. X On-site & offsite soil 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 general X Slopes shall be left in a roughened condition during the grading phase to reduce runoff
- velocities and erosion. X 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
- $oldsymbol{\mathsf{X}}$ 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

Maintenance:

the height of the silt fence.

All measures stated on this erosion and sediment control plan, and in the storm water pollution prevention plan, shall be maintained in fully functional condition until no longer required for a completed phase of work or final stabilization of the site. All erosion and sedimentation control measures shall be checked by a qualified person in accordance with the contract documents or the applicable permit, whichever is more stringent, and repaired in accordance with the following:

- 1. Inlet protection devices and barriers shall be repaired or replaced if they show signs of undermining, or deterioration. 2. All seeded areas shall be checked regularly to see that a good stand is
- maintained. Areas should be fertilized, watered, and reseeded as needed. 3. Silt fences shall be repaired to their original conditions if damaged. Sediment shall be removed from the silt fences when it reaches one-half
- 4. The construction entrances shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing of the construction entrances as conditions demand.
- 5. The temporary parking and storage area shall be kept in good condition (suitable for parking and storage). This may require periodic top dressing
- of the temporary parking as conditions demand. 6. Outlet structures in the sedimentation basins shall be maintained in operational conditions at all times. Sediment shall be removed from sediment basins or traps when the design capacity has been reduced by

Demolition Notes:

Key Description

Existing to be Removed / Demolished

Existing to Be Abandoned in Place. Refer to Governing Agency for

Existing to Remain. In the case of vegetation, Contractor shall ensure survival of plants

Existing to be Relocated.

Sequence of Construction:

SWPPP Phase I:

- Pre-construction meeting. Install stabilized construction exit(s) and concrete wash area(s).
- 3. Prepare temporary parking and storage area. Upon implementation and installation of the following areas:
- a. Trailer Parking & storage areas
- Lay down Porta potty
- Wheel wash &/or concrete washout
- Masons 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. The following shall be shown on the erosion control site map upon
- implementation and installation: a. Construction trailer(s)
- Parking & storage areas
- Lay down Porta-potty
- Wheel wash &/or concrete washout Fuel and material storage containers
- Solid waste containers, etc.
- Construct the silt fences on the site. Contractor shall halt all ground disturbance activities and contact the civil engineer of record to perform inspection and certification of bmps. General contractor shall schedule and conduct storm water pre-construction meeting with engineer and all ground-disturbing contractors before proceeding with construction.
- Construct the sediment basin(s) with outfall structure as shown on plan.
- Clear and grub the site.
- 9. Start construction of building pad and structures, if any. 10. Begin grading the site.

SWPPP Phase II

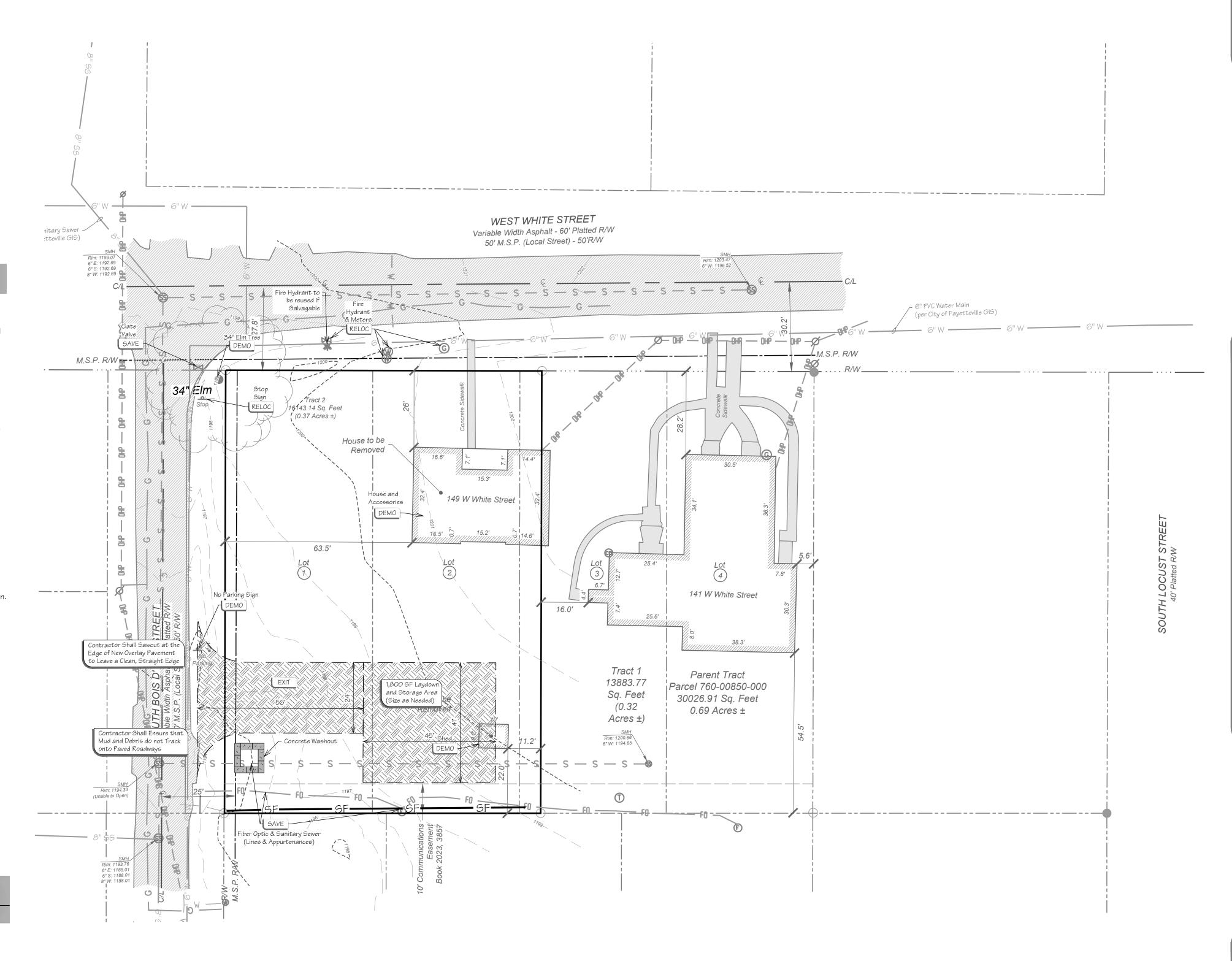
Temporarily seed denuded areas.

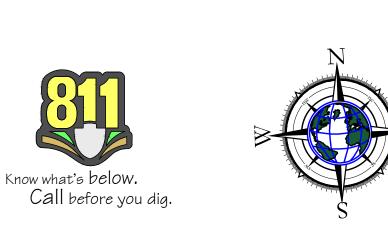
- Install utilities, underdrains, storm sewers, curbs and gutters.
- Install rip rap around outlet structures where noted on plans. Install inlet protection around all storm sewer structures.
- Prepare site for paving. Pave site.
- Install inlet protection devices.
- Complete grading and install permanent seeding and planting.
- Remove all temporary erosion and sediment control devices (only if site

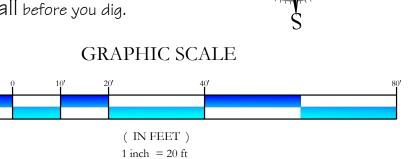
Temp & Perm Controls.

Temp & Perm Controls:			
Feature	Key	Description	
	EXIT	Temporary Gravel Construction Entrance / Exit	
—— SF——	SILTF	Silt Fence	
	GRASS	Existing Grass (See Plan For Width)	
—— TPF——	TREE	Tree Preservation And Protection	
TDD->>	DIVDIKE	Temporary Diversion Dike	
WTL	WATTLE	Wattle	
	RCD	Rock Check Dams	
	RIPRAP	Rip-rap (see Plan For Size)	
0	TYPE	Inlet Protection	
*	AVD	Anti-vortex Device	

* Only symbols that appear on this sheet are shown in this legend.





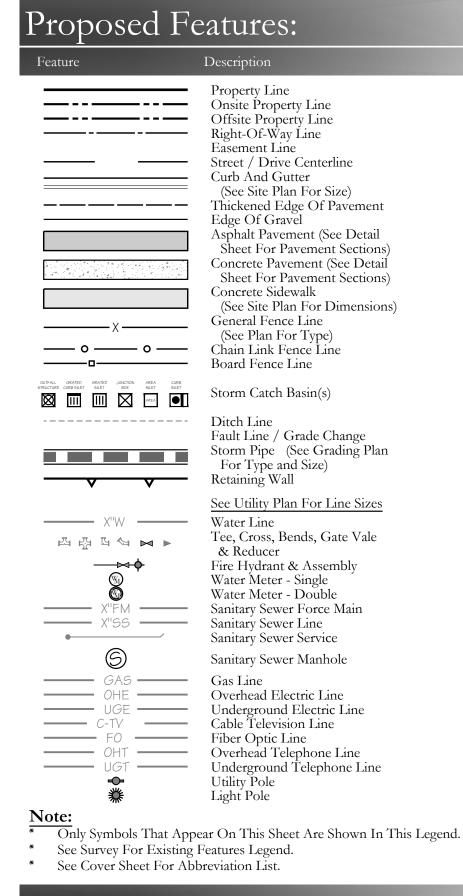




VICINITY MAP

Plan Ph

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Erosion General Notes:

- X The Storm Water Pollution Prevention Plan (SWPPP) is comprised of the Erosion Phase | & || 4. The following shall be shown on the erosion control site map upon construction drawings, the standard details and any related documents including City
- X 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. X Best Management Practices (BMP's) and controls shall conform to federal, state, or local requirements or manual of practice, as applicable, Contractor shall implement additional controls as directed by permitting agency or owner.
- X Site map must clearly delineate all state waters. Permits for any construction activity impacting state waters or regulated wetlands must be maintained on site at all times. X Contractor shall minimize clearing to the maximum extent practical or as required by the
- X General Contractor shall denote on plan the temporary parking and storage area which shall also be used as the equipment maintenance and cleaning area, employee parking area, and area for locating portable facilities, office trailers, and toilet facilities.
- X All wash water (concrete trucks, vehicle cleaning, 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. X 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. X Rubbish, trash, garbage, litter, or other such materials shall be deposited into sealed containers. Materials shall be prevented from leaving the premises through the action of
- wind or storm water discharge into drainage ditches or Waters of the State or U.S. X All storm water pollution prevention measures presented on this plan, and in the Storm Water Pollution Prevention Plan, shall be initiated as soon as practicable.
- X Disturbed portions of the site where construction activity has stopped shall be temporarily seeded no later than 14 days after the last construction activity occurring in these areas. X Disturbed portions of the site where construction activity has permanently stopped shall be permanently seeded. These areas shall be seeded no later than 14 days after the last
- construction activity occurring in these areas. Refer to the grading plan and/or landscape \mathbf{X} if the action of vehicles traveling over the gravel construction entrances is not sufficient to remove the majority of dirt or mud, then the tires must be washed before the vehicles enter a public road. If washing is used, provisions must be made to intercept the wash water and
- trap the sediment before it is carried off the site. X All materials spilled, dropped, washed, or tracked from vehicles onto roadways or into storm drains must be removed immediately. 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. X On-site & offsite soil 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 general permit requirements. X Slopes shall be left in a roughened condition during the grading phase to reduce runoff
- velocities and erosion. $oldsymbol{\mathsf{X}}$ 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
- X 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

Maintenance:

All measures stated on this erosion and sediment control plan, and in the storm water pollution prevention plan, shall be maintained in fully functional condition until no longer required for a completed phase of work or final stabilization of the site. All erosion and sedimentation control measures shall be checked by a qualified person in accordance with the contract documents or the applicable permit, whichever is more stringent, and repaired in accordance with the following:

- 1. Inlet protection devices and barriers shall be repaired or replaced if they show signs of undermining, or deterioration.
- 2. All seeded areas shall be checked regularly to see that a good stand is maintained. Areas should be fertilized, watered, and reseeded as needed. 3. Silt fences shall be repaired to their original conditions if damaged. Sediment shall be removed from the silt fences when it reaches one-half
- the height of the silt fence. 4. The construction entrances shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way. This may require periodic top dressing of the construction entrances as conditions
- 5. The temporary parking and storage area shall be kept in good condition (suitable for parking and storage). This may require periodic top dressing of the temporary parking as conditions demand.
- 6. Outlet structures in the sedimentation basins shall be maintained in operational conditions at all times. Sediment shall be removed from sediment basins or traps when the design capacity has been reduced by

Sequence of Construction:

SWPPP Phase I:

- Pre-construction meeting. 2. Install stabilized construction exit(s) and concrete wash area(s).
- 3. Prepare temporary parking and storage area. Upon implementation and installation of the following areas:
 - Trailer Parking & storage areas
 - Lay down Porta potty
 - Wheel wash &/or concrete washout
 - Masons 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. implementation and installation:
- a. Construction trailer(s)
- Parking & storage areas
- Lay down Porta-potty
- Wheel wash &/or concrete washout
- Fuel and material storage containers Solid waste containers, etc.
- Construct the silt fences on the site. Contractor shall halt all ground disturbance activities and contact the civil engineer of record to perform inspection and certification of bmps. General contractor shall schedule and conduct storm water
- pre-construction meeting with engineer and all ground-disturbing contractors before proceeding with construction. Construct the sediment basin(s) with outfall structure as shown on plan.
- Clear and grub the site.
- 9. Start construction of building pad and structures, if any. 10. Begin grading the site.

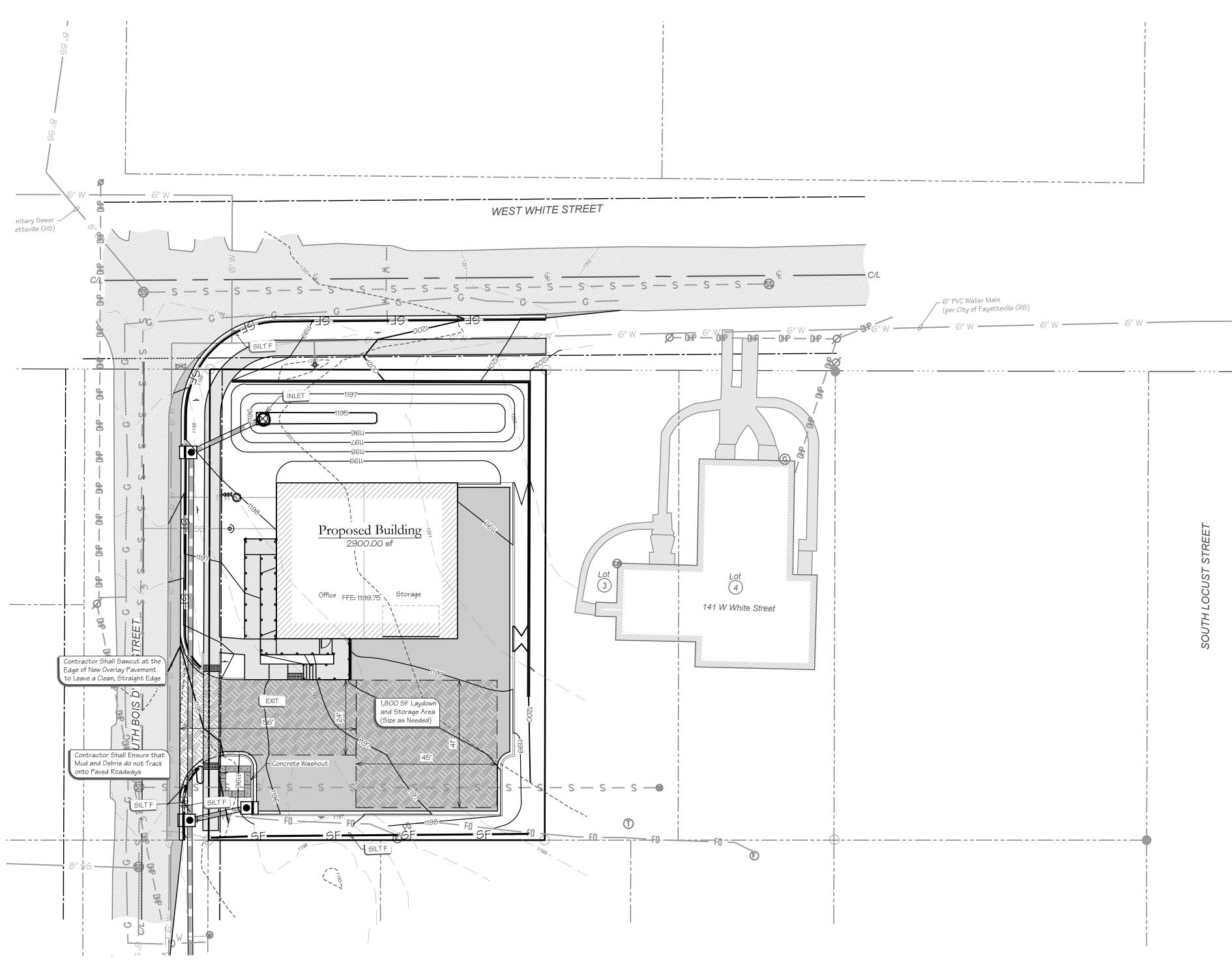
SWPPP Phase II

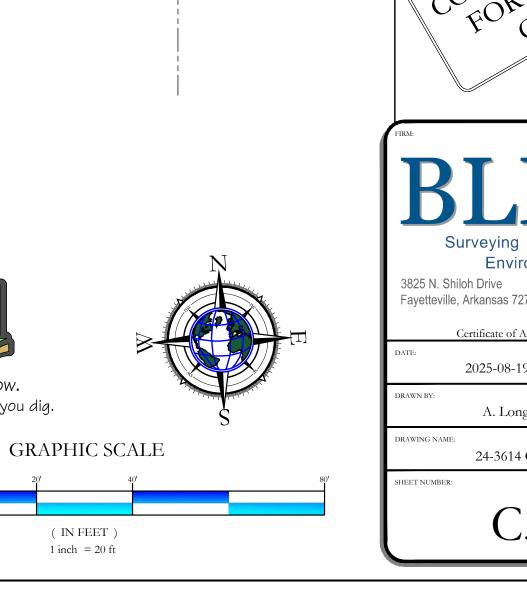
Temporarily seed denuded areas.

- Install utilities, underdrains, storm sewers, curbs and gutters.
- Install rip rap around outlet structures where noted on plans. 4. 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.
- 9. Remove all temporary erosion and sediment control devices (only if site

Temp & Perm Controls: Temporary Gravel Construction Entrance / Exit Existing Grass (See Plan For Width) Tree Preservation And Protection Temporary Diversion Dike Rock Check Dams Rip-rap (see Plan For Size) Inlet Protection Anti-vortex Device

* Only symbols that appear on this sheet are shown in this legend.

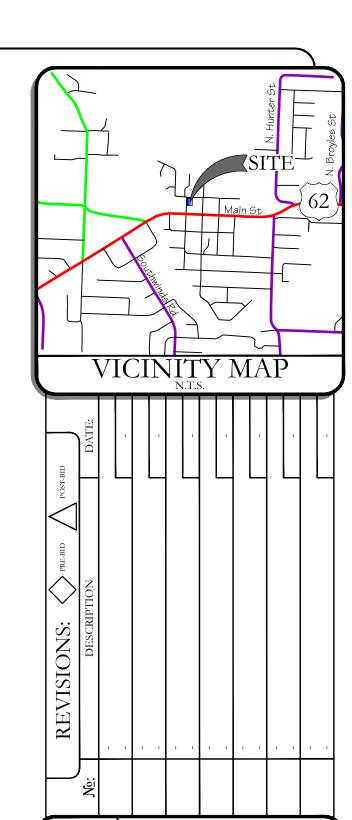




Know what's below.

Call before you dig.

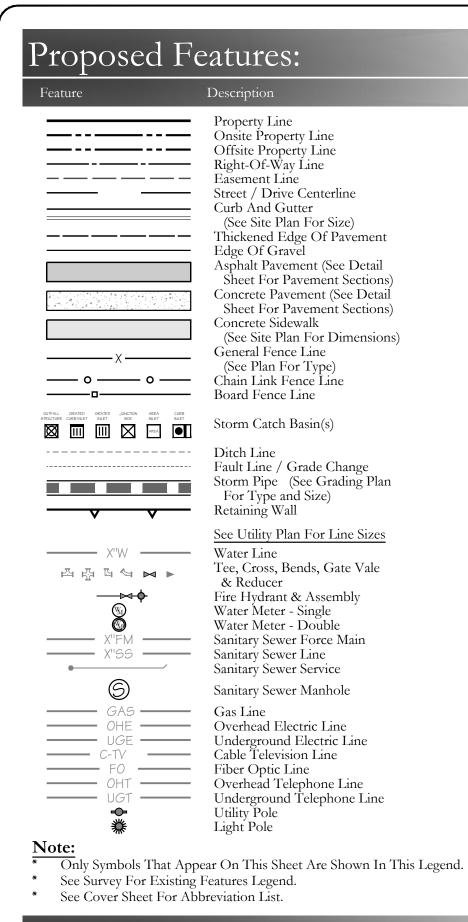
1 inch = 20 ft



CONSTRUCTION CONSTRUCTION CONSTRUCTION

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Grading Notes:

PRE-CONSTRUCTION: X Prior to start of site grading, erosion control measures shall be installed in accordance to the erosion control plan. These erosion control measures, as a minimum, shall include all silt fencing, temporary sediment ponds, temporary construction entrance, and any other measures necessary to

ensure that sediment does not leave the site. X Contractor shall notify the appropriate Utility Companies and the State One-Call System a minimum of 48 hours prior to any excavation for the location of all underground utility lines that will be affected by this development. Please note that existing utilities noted on plan have been located with all available information and that exact location of utility lines

may not be accurate. X A pre-construction meeting shall be held on site once ALL Erosion Control Measures have been installed and prior to any site grading / construction /

GENERAL:

X Contractor shall install/use all required equipment so as to comply with all safety standards dictated by OSHA, Federal, State, and Local

X Contractor shall coordinate with appropriate Utility Company as listed on the cover sheet for adjustment of utility lines affected by cut and fill. X Areas to be graded shall be cleared and grubbed so as to remove all organic material including but not limited to vegetation, trees, roots, debris or other materials that would affect the stability of the fill. If uncertainty exists as to the suitability of any material, the contractor shall have a Registered Geotechnical Engineer make the final determination.

 $\boldsymbol{\mathsf{X}}$ Contractor shall ensure that the fill material be free of organic materials, frozen materials, muck, highly compressible materials, rocks, rubbish, timber, brush, stumps, building debris, and other materials that would negatively affect the fill material.

X Contractor shall stock pile and maintain all good top soil removed from areas to be graded and filled for use in final grading all critical / unpaved

X Contractor shall proof roll subgrade of all areas to be paved prior to installation of paving materials. Any soft areas shall be removed and replaced with select fill and compacted as noted in the pavement section shown on the detail sheet.

X Contractor shall employ a Geotechnical Engineering / Inspection Firm registered with the State of Arkansas for inspection and testing of subgrade for proper compaction (95% standard proctor).

X All drainage structures under paved areas and / or areas expecting heavy duty traffic loading shall be designed to meet AASHTO Heavy Duty (H2O) traffic loading.

X Storm pipe / box shall be bedded in accordance with the bedding detail and in accordance with the specifications of ASTM D2321 (latest edition available at http://www.ASTM.org).

X Storm system is measured from the center of the box and from the end of the flared end sections.

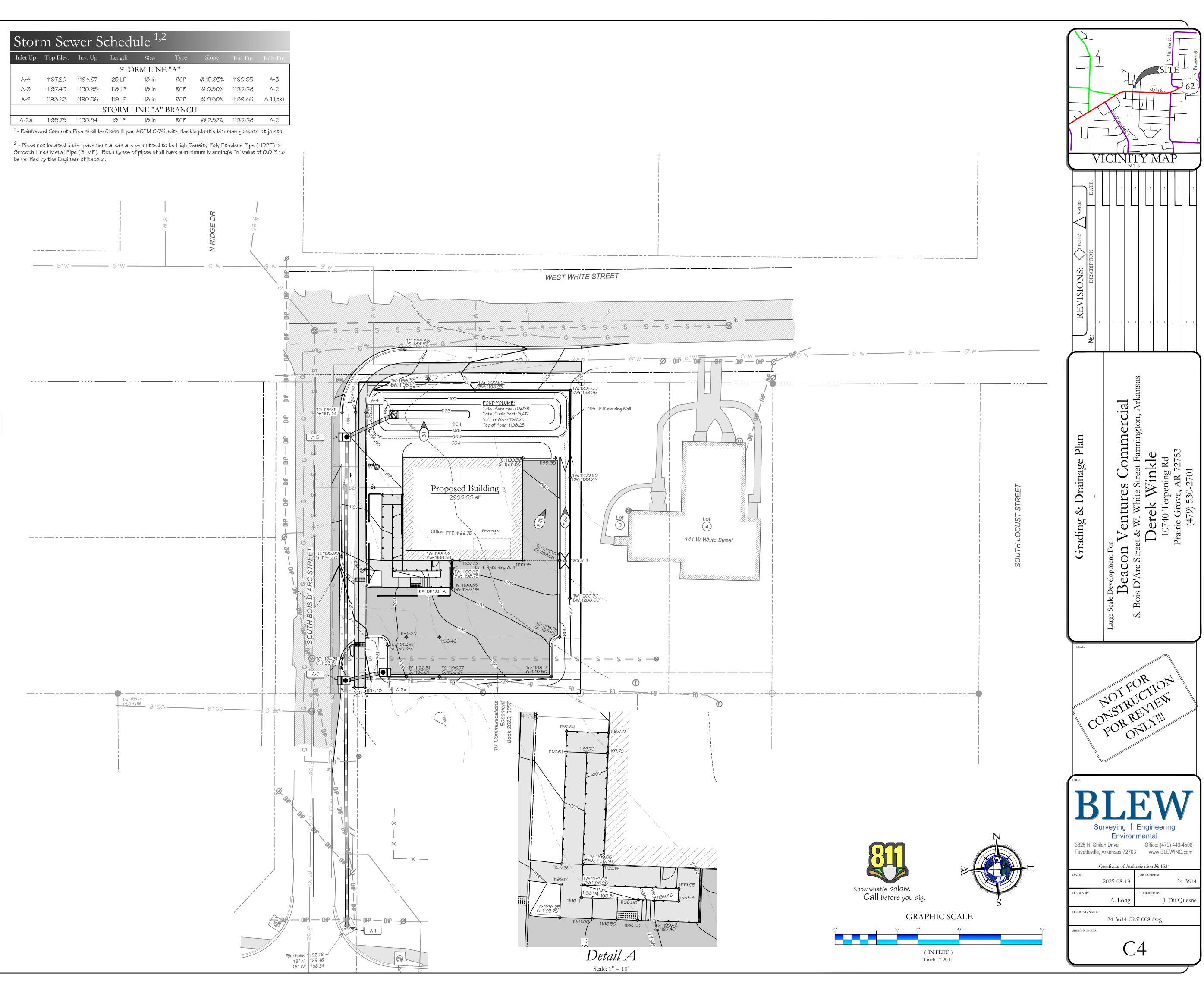
X Drainage structures shall be constructed so that the appropriate section of the box, such as the gutter for curb inlets, the grate for drop inlets, is at an elevation that will allow for the maximum drainage into the box in accordance with proposed grades and spot elevation shown on the plan. The contractor shall notify the engineer of record in the event of a

X All drainage structures located within the State or Local Right of Way shall be constructed in accordance with the specifications and details of the Appropriate Governing Agency.

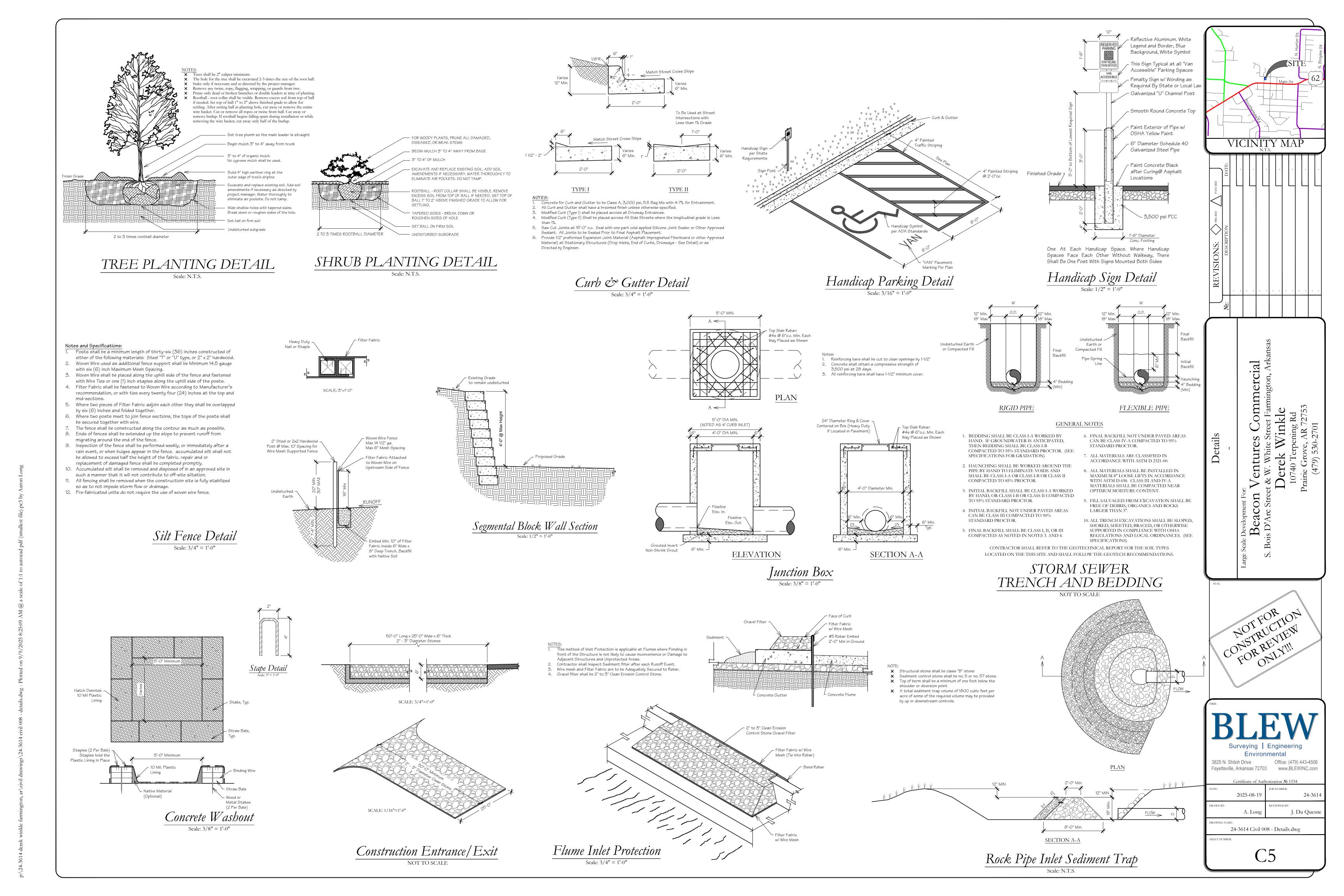
POST-CONSTRUCTION:

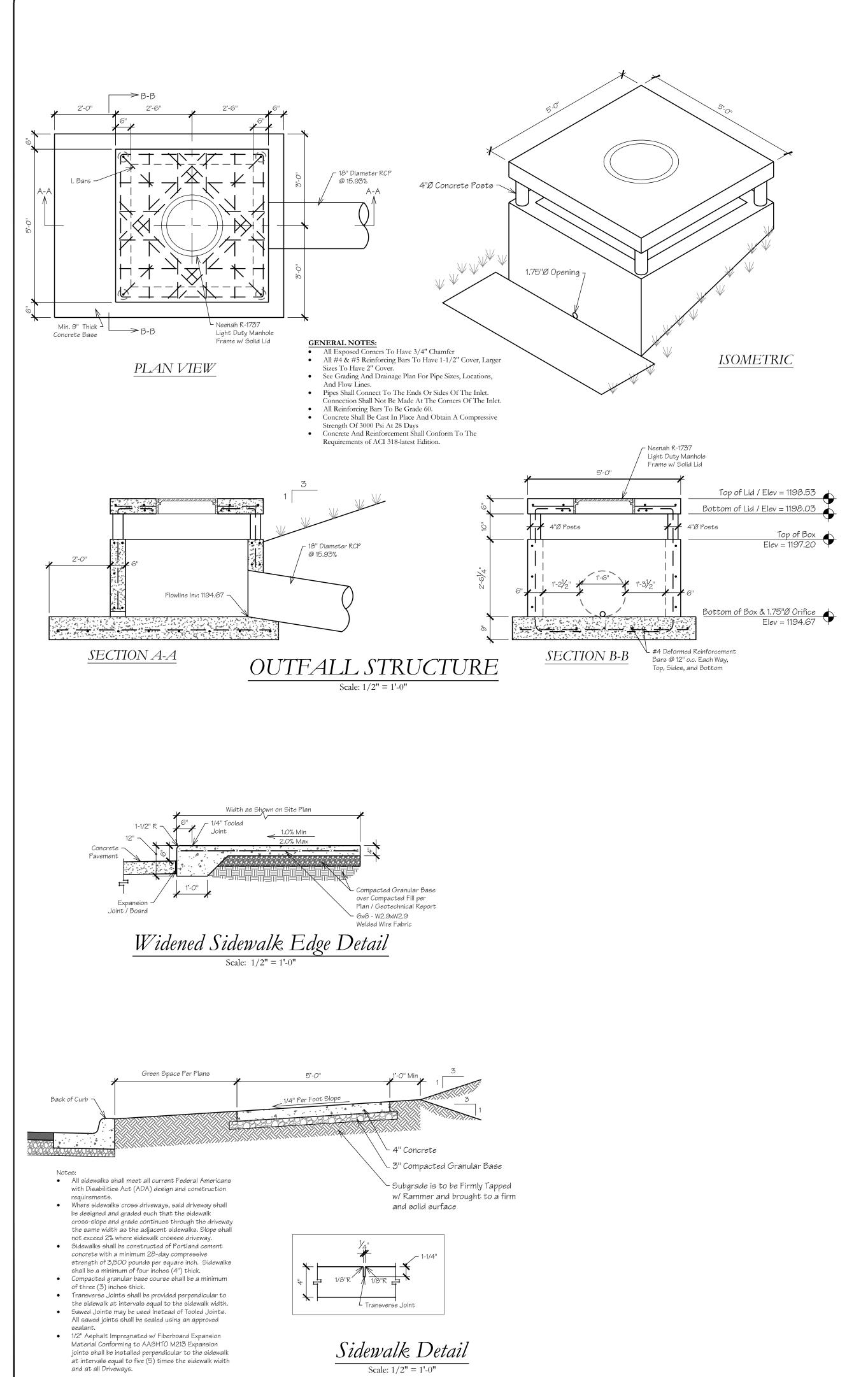
X Contractor shall scarify any area to receive top soil to a min. depth of 3". X All unpaved disturbed areas shall be graded smooth and receive a minimum of 4" of topsoil. The area shall be seeded and / or sodded in accordance with the landscape plan. The area shall be watered until a hardy cover of grass has been established and 80% of the site has been stabilized in accordance with ADEQ's Construction General Permit (ARR150000).

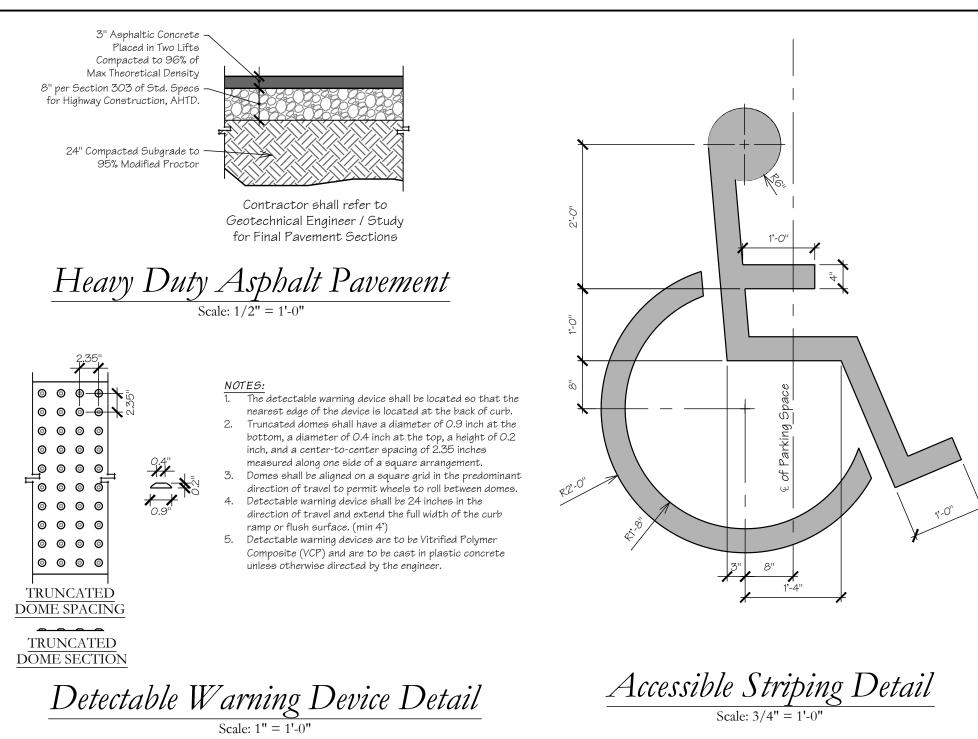
X Once the site has reached final stabilization in accordance to the requirements set forth in ADEQ's Construction General Permit, the contractor shall file a notice of termination.

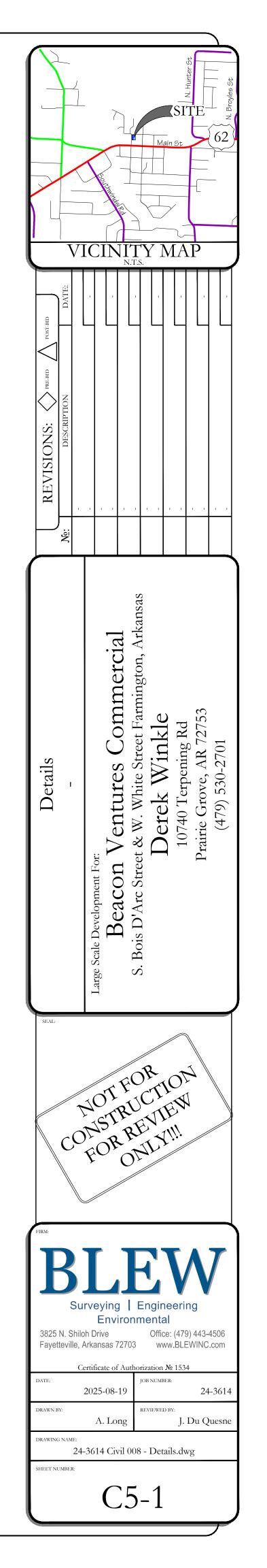


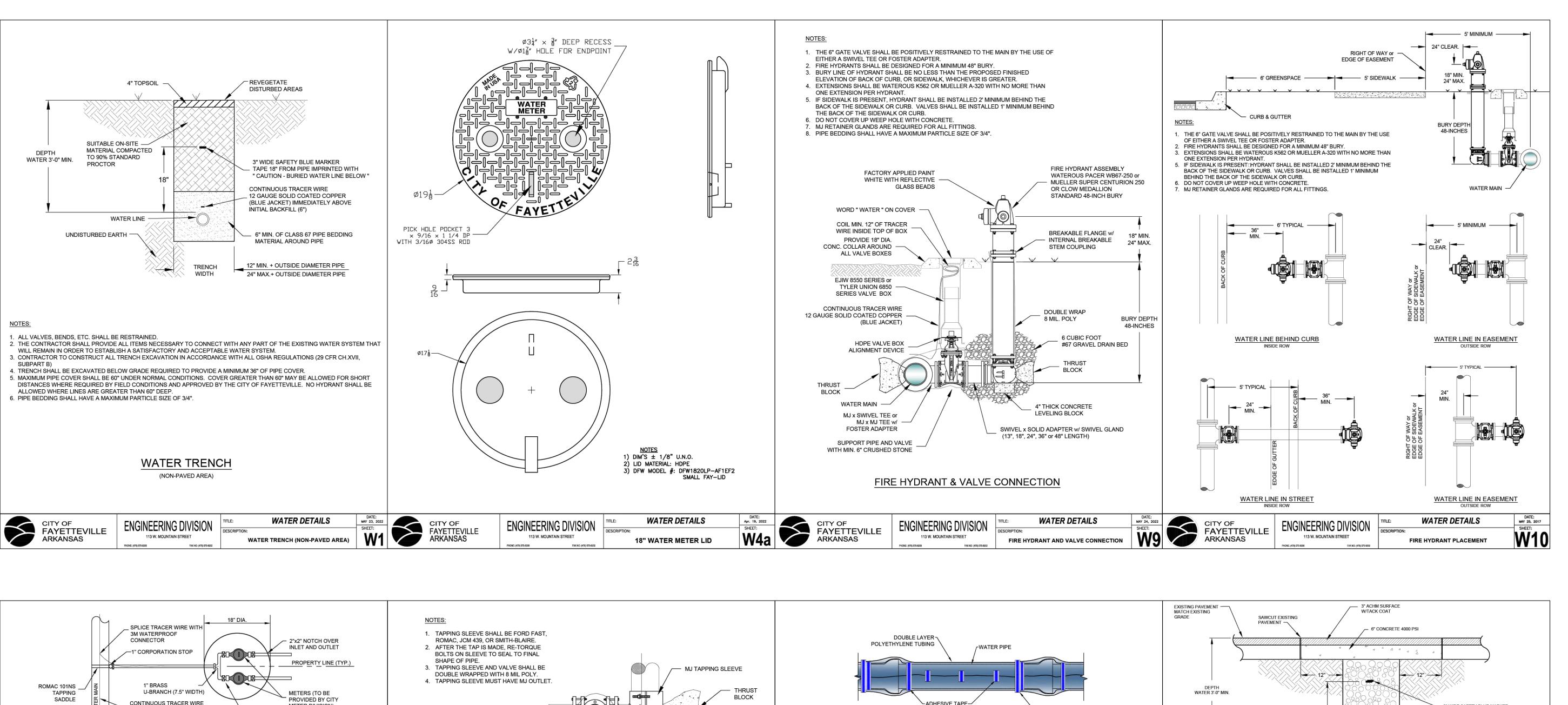
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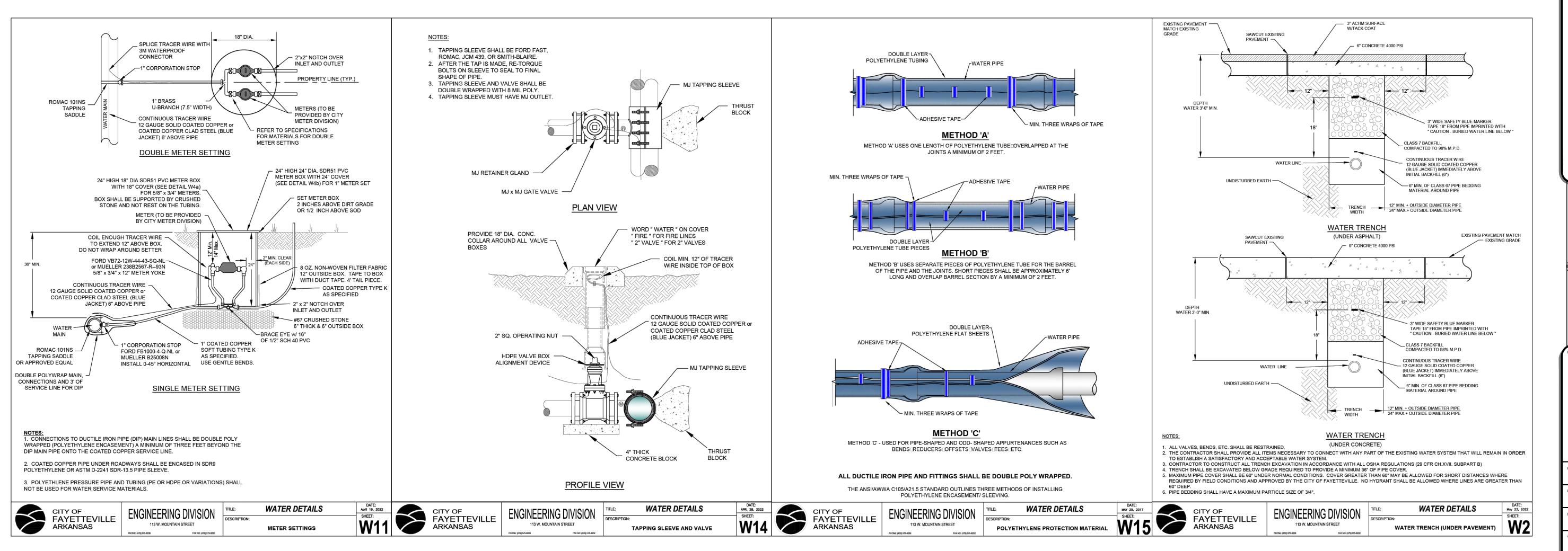




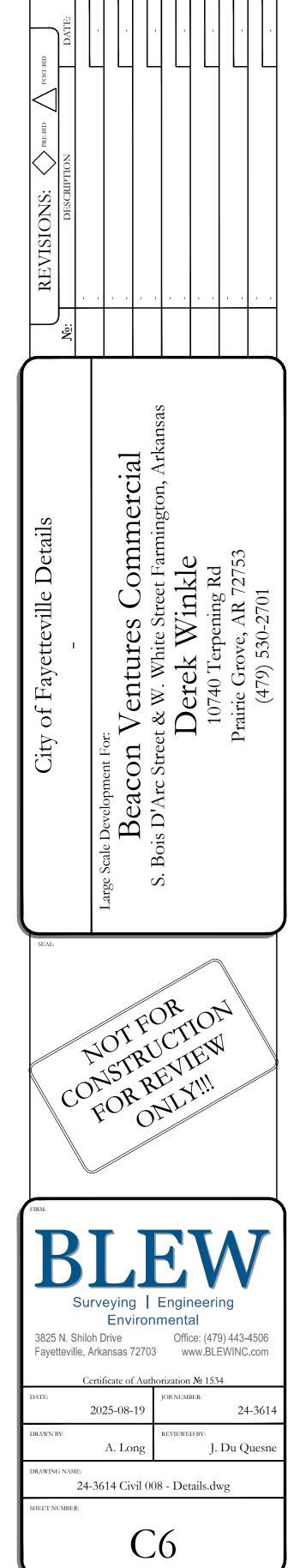


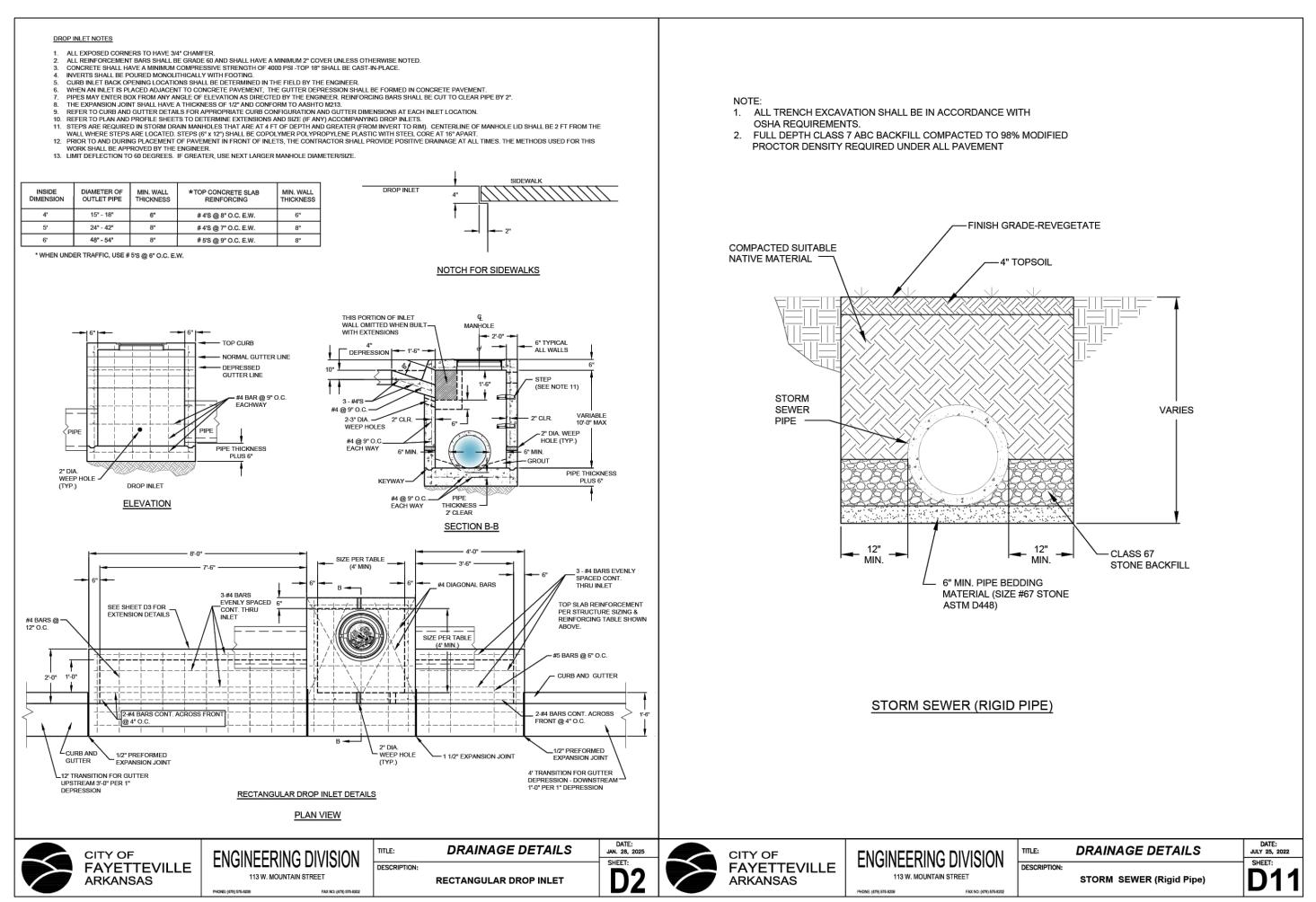


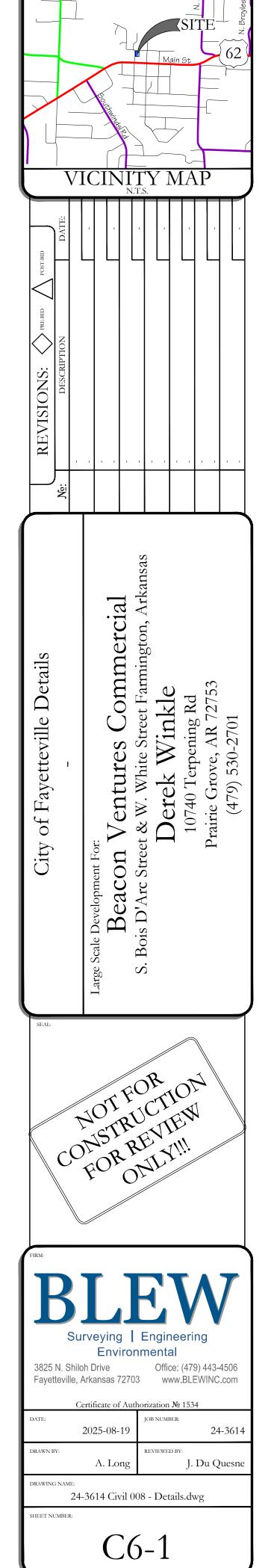












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