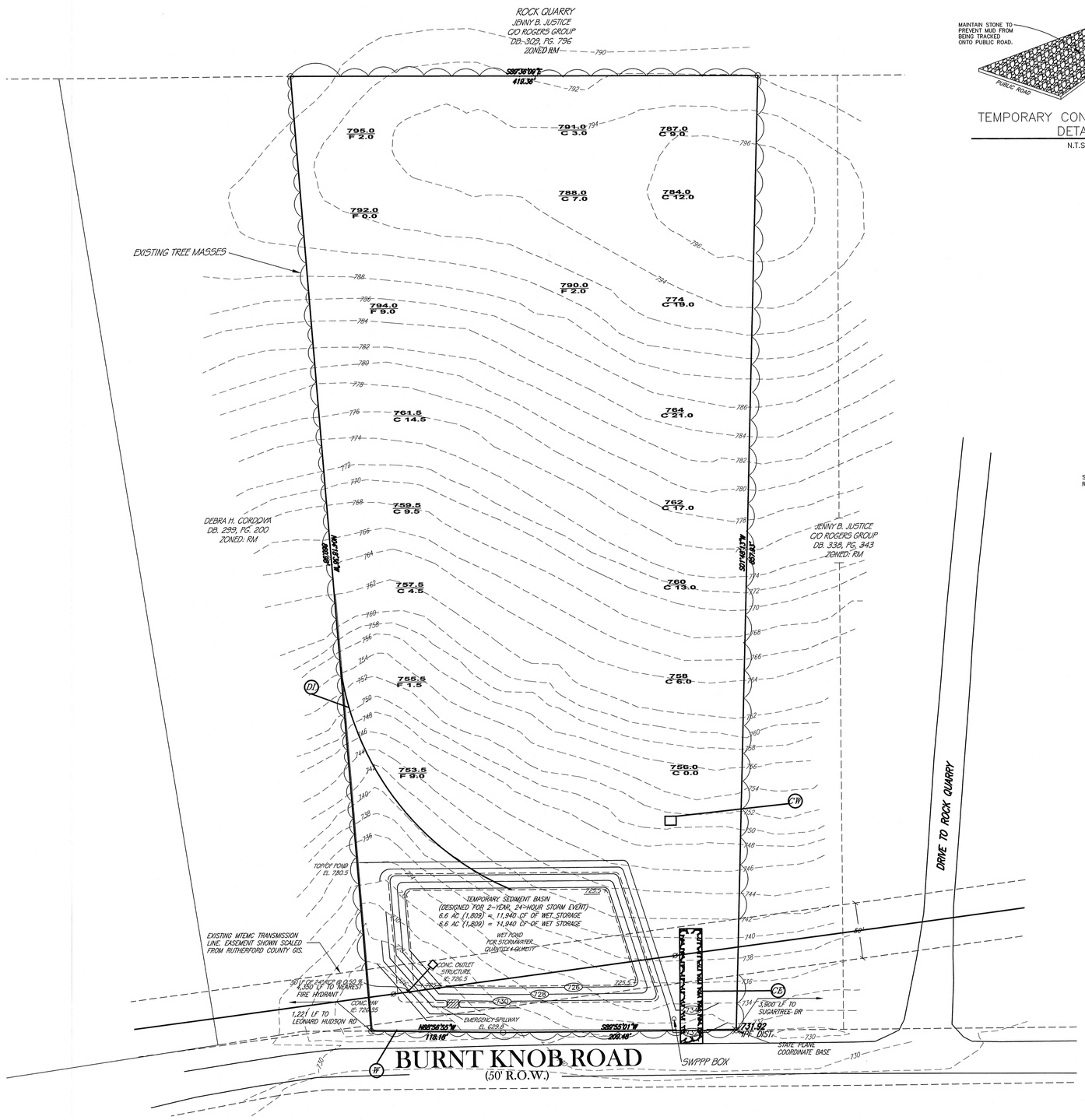
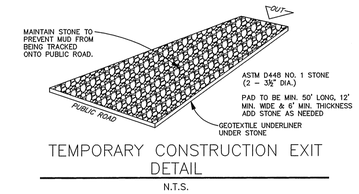
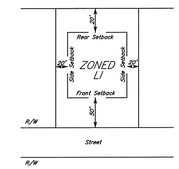




TEMPORARY CONSTRUCTION EXIT DETAIL

N.T.S.

ZONING: LI = LIGHT INDUSTRIAL
FRONT SETBACK: 50'
SIDE SETBACK: 20'
REAR SETBACK: 20'



TYPICAL BUILDING SETBACK DETAIL

N.T.S.

VICINITY MAP

NOT TO SCALE

SITE PLAN NOTES

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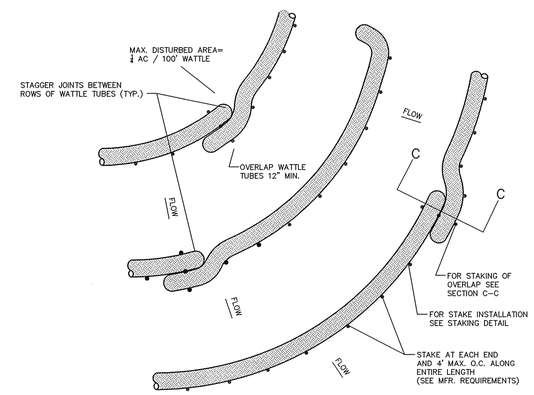
LEGEND

- CE CONSTRUCTION EXIT
- W WADDLES
- CW CONCRETE WASHOUT
- DI DIVERSION



SEDIMENT CONTROL LOG

DETAIL 12 / C5.1

SCALE: NOT TO SCALE

CONCRETE WASHOUT SIGN

CONCRETE WASHOUT AREA

N.T.S.

LEGEND

- Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Proposed Gate Valve & Box
- Concrete Thrust Block
- Existing Water Line
- Proposed Water Line
- Existing Sanitary Sewer Line
- Proposed Sanitary Sewer Line
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- Existing Contours
- Proposed Contours
- 98.6' Existing Spot Elevations
- 98.6 Proposed Spot Elevations
- Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- INIT. MEAS. Siltation Fence (Initial Measure)
- ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

LEGEND FOR MONUMENTS

- IPS IRON PIN SET
- IPF IRON PIN FND.
- RAILROAD SPIKE
- FENCE
- SURVEY POINT
- NAIL
- CONC. MARKER FND.

DEVELOPER: STUART CONWAY
ADDRESS: 3422 LAWNCREST COVE
MURFREESBORO, TN 37129
TAX MAP: 77, PARCEL: 23.08
RECORD BOOK 1310, PG 2949

FLOOD MAP PANEL: 47149C0119H
FLOOD MAP DATED: JANUARY 5th, 2007
ZONES: X

FLOOD MAP PANEL: 47149C0118J
FLOOD MAP DATED: OCTOBER16th, 2008
ZONES: X

TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM RUTHERFORD COUNTY GIS.

N
W STATE PLANE E
S

50' 0 50'

1 LOT – 7.40 ACRES±

NO.	DATE	DESCRIPTION
1	05–07–2015	ORIGINAL ISSUE

PRELIMINARY FOR REVIEW ONLY

HUDDLESTON–STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
TELEPHONE : 893 – 4084, FAX: 893 – 0080

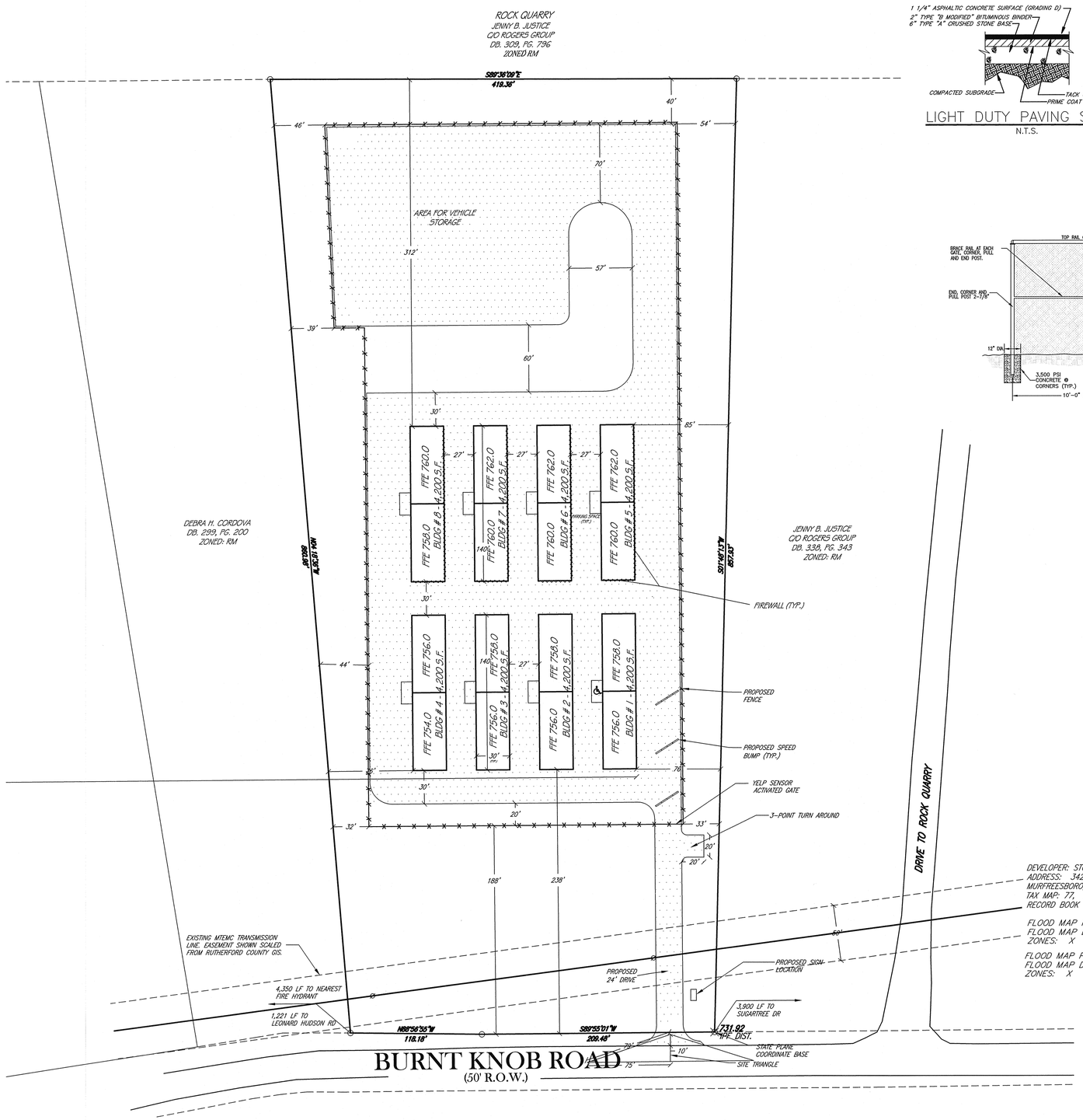
EXISTING CONDITIONS & INITIAL EROSION CONTROL PLAN

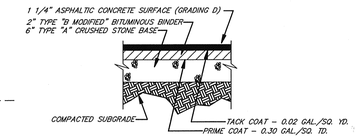
BURNT KNOB SELF STORAGE MURFREESBORO, TN

7th CIVIL DISTRICT- RUTHERFORD COUNTY - TN.

DATE: APRIL, 2016 | SCALE: 1" = 50' | SH. 1 OF 6

\\CAD\2015\Land Projects 2015\BURNT KNOB SELF STORAGE\Dwg\5-7-15\BURNT KNOB STORAGE SITE PLAN2016(11).dwg, TMTTAN, - FPSC





LIGHT DUTY PAVING SECTION
N.T.S.

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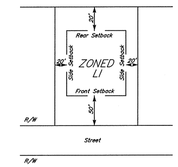
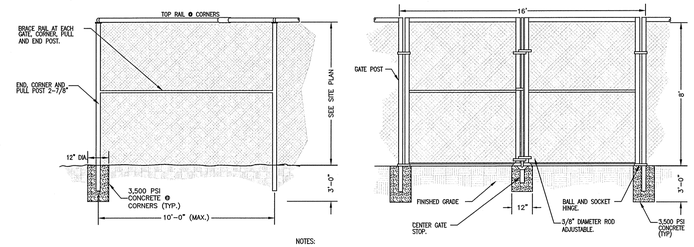


TYPICAL BUILDING SETBACK DETAIL
N.T.S.



NOTES:

1. PROVIDE POSITIVE TYPE LATCHING DEVICE WITH PROVISIONS FOR PADLOCKING, CENTER PLUNGER ROD, CATCH AND SEMI-AUTOMATIC OUTER CATCHES.

CHAIN-LINK FENCE & GATE

VICINITY MAP
NOT TO SCALE

SITE PLAN NOTES

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SITE DATA:

PROPOSED USE: SELF STORAGE
ZONING: LI (LIGHT INDUSTRIAL)
LOT SIZE: 7.40 AC ±
PROPOSED BUILDING AREA: 33,600 SQ. FT.
PROPOSED BUILDING HEIGHT: 10 FT.
PAVED AREA: 127,572 SQ. FT.

LOT COVERAGE : 161,172/ 322,344 = 50 %

27' PROVIDED BETWEEN ALL BUILDINGS TO ALLOW FOR PARKING

PARKING REQUIRED: 1 SPACE PER 5,000 SQFT OF F.A OR 5 SPACES, WHICHEVER IS GREATER, PLUS 2 SPACES FOR ANY ACCESSORY DWELLING UNIT PROVIDED ON-SITE.

33,600/5,000 = 6.72 = 7 SPACES REQUIRED

PROVIDED 1 H.C. SPACE AND 7 SPACES

CERTIFICATE OF APPROVAL FOR ELECTRIC POWER

Middle Tennessee Electric Membership Corporation (MTEMC) will provide electric service to the subject property according to the normal operating practices of MTEMC as defined in the rules and regulations, bylaws, policy bulletins and operational bulletins of MTEMC, and in accordance with the plat approval checklist, tree planting guidelines and other regulations contained on the MTEMC website at www.mtemc.com (collectively the "Requirements"). No electric service will be provided until MTEMC's Requirements have been met and approved in writing by an authorized representative of MTEMC. Any approval is, at all times, contingent upon continuing compliance with MTEMC's requirements.

Date — MIDDLE TENNESSEE ELECTRIC MEMBERSHIP CORPORATION

Certification of general Approval for Installation of Subsurface Sewage Disposal System with Restrictions

General approval is hereby granted for lots proposed hereon as being suitable for subsurface sewage disposal with the listed and/or attached restrictions. Before the initiation of construction the location of the house or other structure and plans for the subsurface sewage disposal system shall be approved by the TDEC Division of Groundwater Protection.

Date — T.D.E.C. / D.W.R.

DEVELOPER: STUART CONWAY
ADDRESS: 3422 LAWNCREST COVE
MURFREESBORO, TN 37129
TAX MAP: 77, PARCEL: 23.08
RECORD BOOK 1310, PG 2949

FLOOD MAP PANEL: 47149C0119H
FLOOD MAP DATED: JANUARY 5th, 2007
ZONES: X

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FLOOD MAP DATED: OCTOBER16th, 2008
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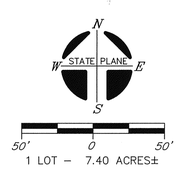
TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM RUTHERFORD COUNTY GIS.



1 LOT - 7.40 ACRES±

LEGEND

Ø	Power Pole
	Existing Fire Hydrant
	Proposed Fire Hydrant
△	Reducer
⊗	Proposed Gate Valve & Box
▲	Concrete Thrust Block
—W—	Existing Water Line
—W—	Proposed Water Line
—S—	Existing Sanitary Sewer Line
—S—	Proposed Sanitary Sewer Line
○	Existing Manhole
●	Proposed Manhole
CD	Sewer Line Check Dam
—98—	Existing Contours
—100—	Proposed Contours
99.0	Existing Spot Elevations
99.0	Proposed Spot Elevations
—SF—	Siltation Fence (To be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
—SF— INIT. MEAS.	Siltation Fence (Initial Measure)
—SF— ONCE CONST.	Siltation Fence (Once Constructed)
	Turf Reinforcement Mat
SCDs	Stone Check Dam

NO.	DATE	DESCRIPTION
1	05-07-2015	ORIGINAL ISSUE

PRELIMINARY FOR REVIEW ONLY

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TELEPHONE : 893 - 4084, FAX: 893 - 0080

SITE PLAN

BURNT KNOB

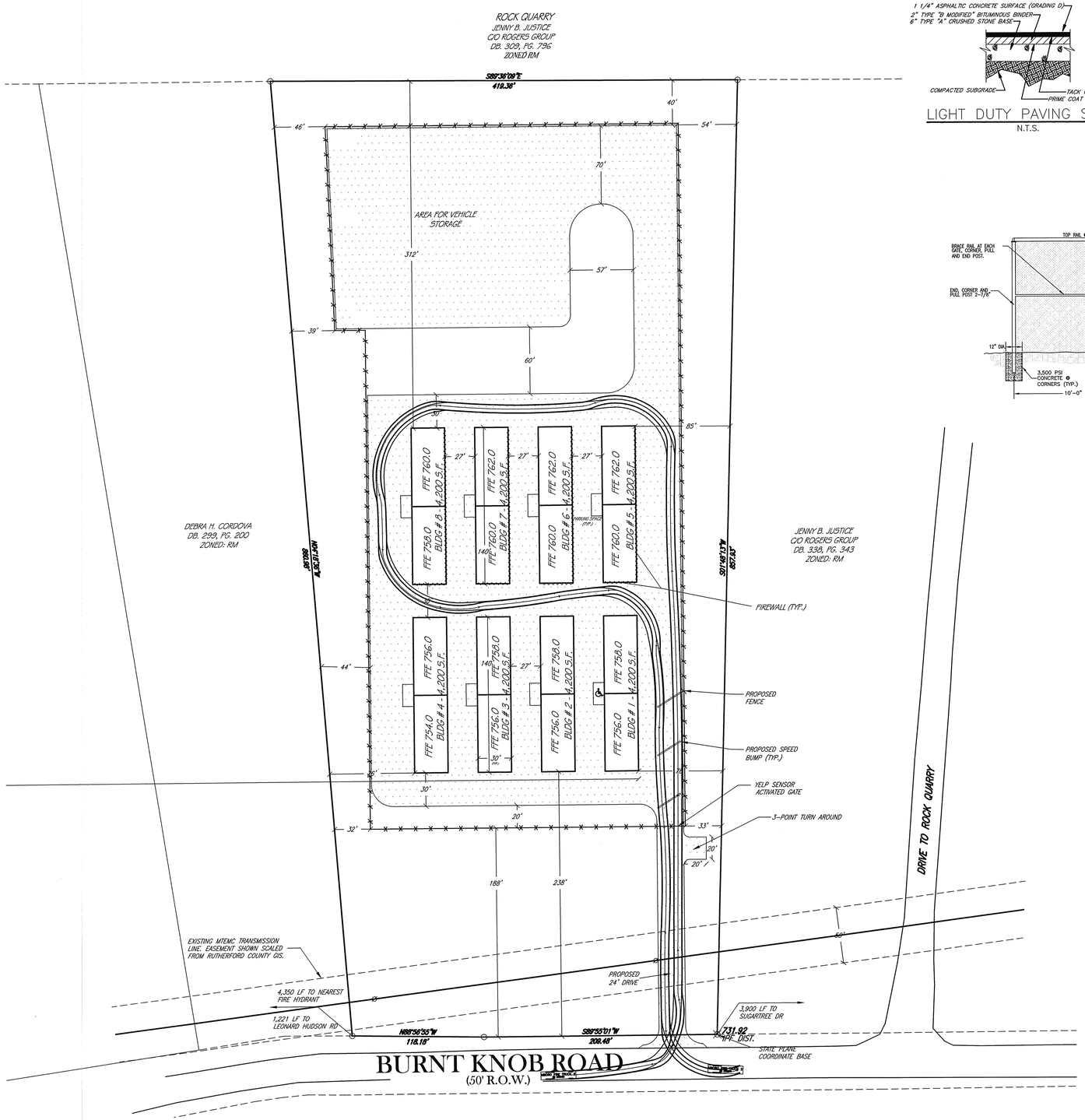
SELF STORAGE

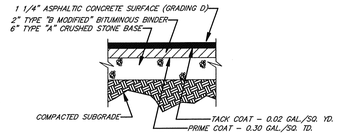
MURFREESBORO, TN

7th CIVIL DISTRICT- RUTHERFORD COUNTY - TN.

DATE: APRIL, 2016 | SCALE: 1" = 50' | SH. 2 OF 6

\\ACADDATA\and Projects 3000\BURNT KNOB SELF STORAGE\dwg\05-17-15\BURNT KNOB STORAGE SITE PLAN2015 (1).dwg, SITE PLAN





LIGHT DUTY PAVING SECTION

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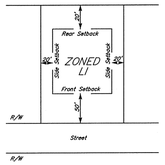
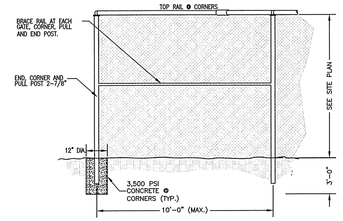


TYPICAL BUILDING SETBACK DETAIL

N.T.S.

VICINITY MAP

NOT TO SCALE



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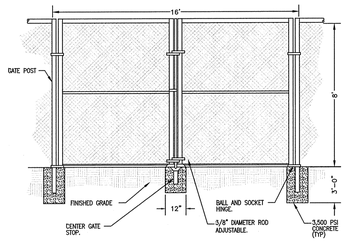

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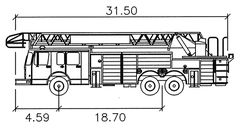
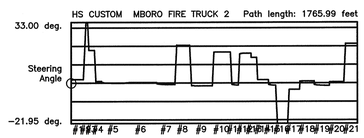


MBORO FIRE TRUCK 2

Width	: 7.15
Track	: 7.15
Lock to Lock Time	: 6.00
Steering Angle	: 33.10



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LEGEND

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- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Proposed Gate Valve & Box
- Concrete Thrust Block
- —W— Existing Water Line
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- —S— Proposed Sanitary Sewer Line
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- Existing Contours
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- Existing Spot Elevations
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NO.	DATE	DESCRIPTION
1	05-07-2015	ORIGINAL ISSUE

TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM RUTHERFORD COUNTY GIS.

N
W STATE PLANE E
S

50' 0 50'

1 LOT - 7.40 ACRES±

PRELIMINARY FOR REVIEW ONLY

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2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
TELEPHONE : 893 - 4084, FAX: 893 - 0080

FIRETRUCK TURNING TEMPLATE

BURNT KNOB

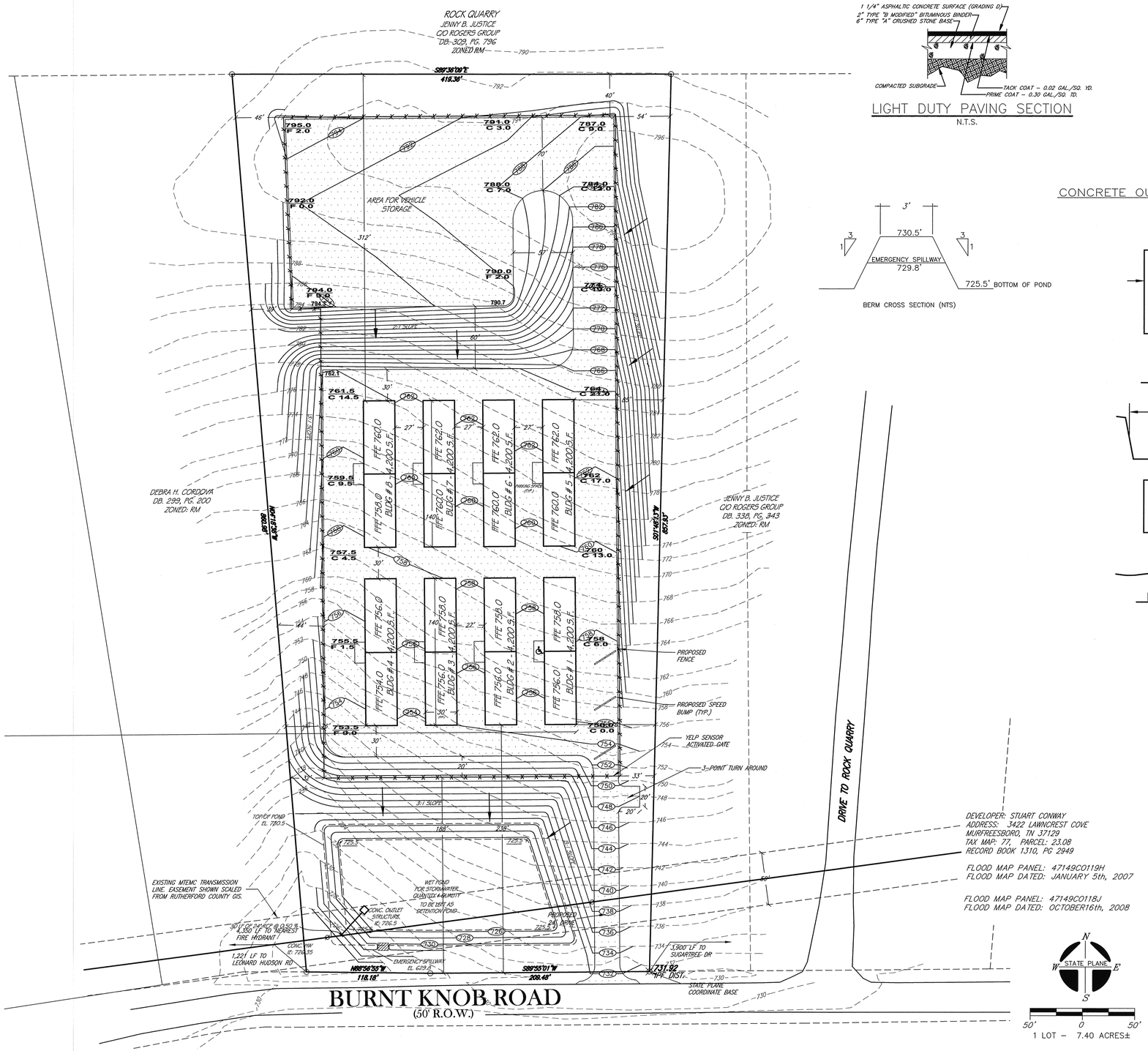
SELF STORAGE

MURFREESBORO, TN

7th CIVIL DISTRICT- RUTHERFORD COUNTY - TN.

DATE: APRIL, 2016 | SCALE: 1" = 50' | SH. 3 OF 6

V:\AD0000\Land Projects 2004\BURNT KNOB SELF STORAGE\dwg\S-17-16\BURNT KNOB STORAGE SITE PLAN2016 (1).dwg, FIRE TRUCK TEMPLATE



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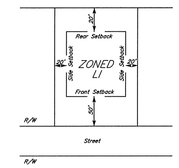

TYPICAL BUILDING SETBACK DETAIL
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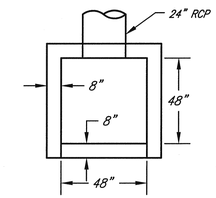
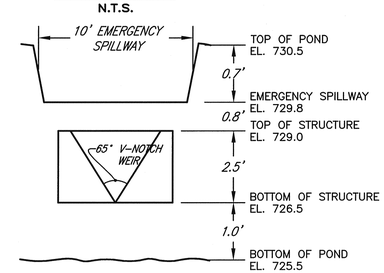
VICINITY MAP
NOT TO SCALE

BERM CROSS SECTION (NTS)

CONCRETE OUTLET STRUCTURE DETAIL



PLAN VIEW
N.T.S.



FRONT VIEW
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PROVIDED 1 H.C. SPACE AND 7 SPACES

APPROXIMATE NET CUT: 29,923 CY±

LEGEND

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- Proposed Fire Hydrant
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- Concrete Thrust Block
- Existing Water Line
- Proposed Water Line
- Existing Sanitary Sewer Line
- Proposed Sanitary Sewer Line
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- Existing Contours
- Proposed Contours
- Existing Spot Elevations
- Proposed Spot Elevations
- Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- Siltation Fence (Initial Measure)
- Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

NO.	DATE	DESCRIPTION
1	05-07-2015	ORIGINAL ISSUE

N
W STATE PLANE E
S

50' 0 50'
1 LOT - 7.40 ACRES±

PRELIMINARY FOR REVIEW ONLY

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
TELEPHONE : 893 - 4084, FAX: 893 - 0080

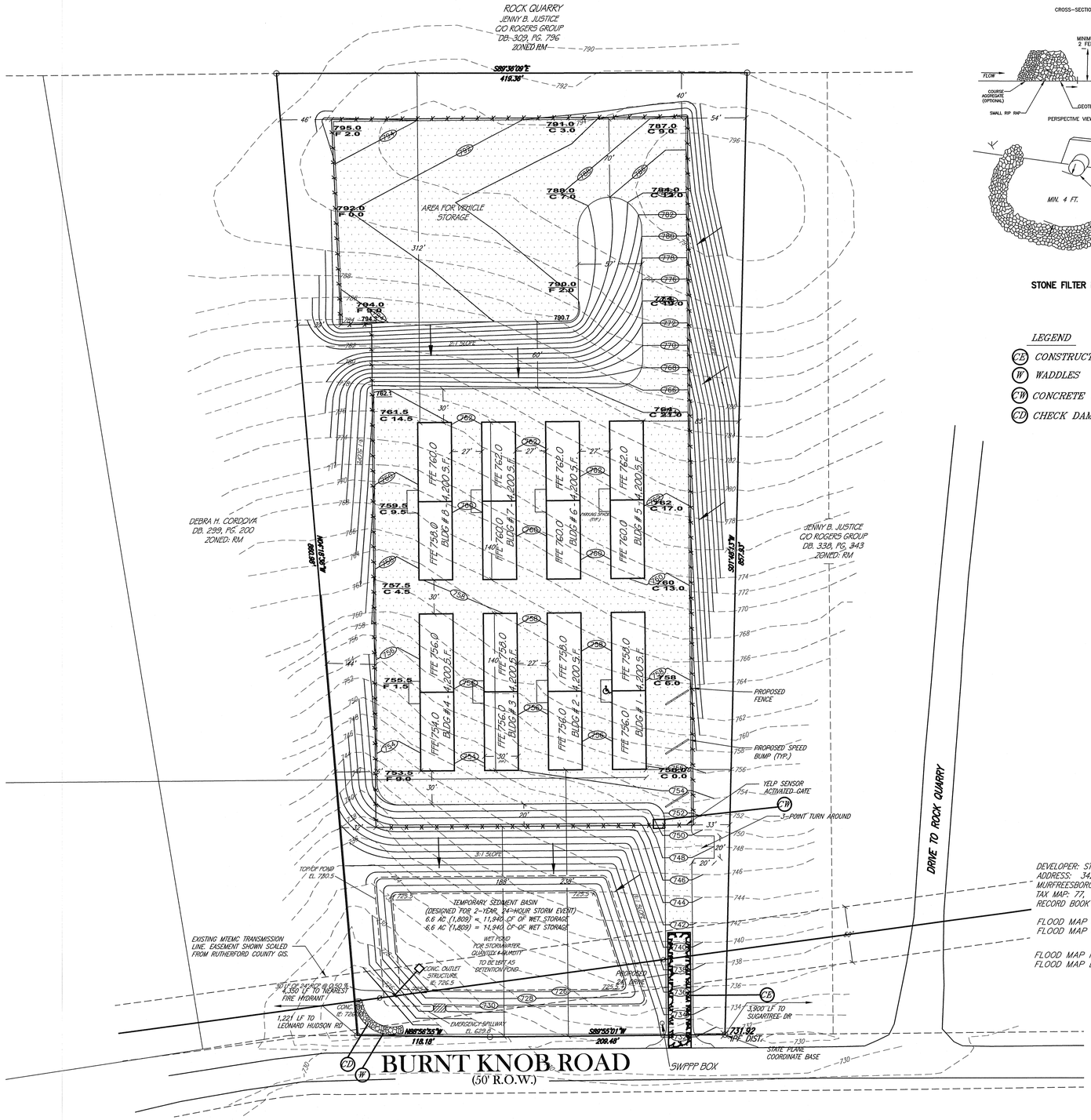
DRAINAGE AND GRADING PLAN

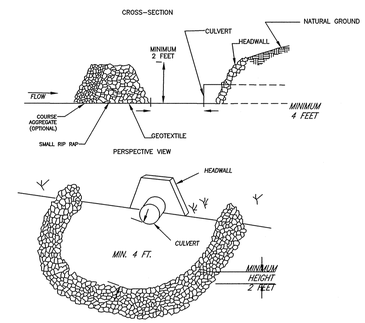
BURNT KNOB
SELF STORAGE
MURFREESBORO, TN

7th CIVIL DISTRICT- RUTHERFORD COUNTY - TN.

DATE: APRIL, 2016 | SCALE: 1" = 50' | SH. 4 OF 6

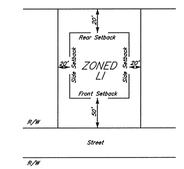
\\ACADDRIVE\Land Projects 2004\BURNT KNOB SELF STORAGE\dwg\S-27-16\BURNT KNOB STORAGE SITE PLAN2016 (1).dwg, GRADING PLAN





STONE FILTER RING

ZONING: LI = LIGHT INDUSTRIAL
FRONT SETBACK: 50'
SIDE SETBACK: 20'
REAR SETBACK: 20'



TYPICAL BUILDING SETBACK DETAIL
N.T.S.

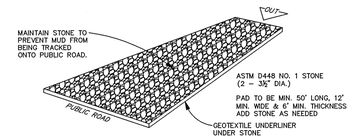
VICINITY MAP
NOT TO SCALE

SITE PLAN NOTES

1. The purpose of this site plan is to identify the existing conditions in order to develop the site into a self storage facility.
2. In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
3. Underground utilities shown were located using available above- ground evidence, and also from information obtained from the respective utility companies. The existence or non-existence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
4. Parcels may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.
5. Public utility and drainage easements where shown hereon are intended to indicate an easement for construction, operation, and maintenance of public utilities and drainageways; including, but not limited to, sanitary sewers, forcemains, water lines, telephone signal conduits, electric conductors, drainage pipes, and natural gas lines. Easements in the subdivision may not have infrastructure constructed within them until some future time and there may be no notice or consultation with the individual lot Owners of this construction.
6. Subject property and all surrounding property are Zoned "RM" per the Rutherford County Regional Planning Commission.
7. This development will adhere to the regulation found in section 1103 C.3. Mini Warehouses
8. No public water line is available in this section of Burnt Knob Road.
9. An As-Built is required by Rutherford County at the end of construction.
10. A long term maintenance agreement to be signed and submited to Rutherford County.

LEGEND

- (CE) CONSTRUCTION EXIT
- (W) WADDLES
- (CW) CONCRETE WASHOUT
- (CD) CHECK DAM

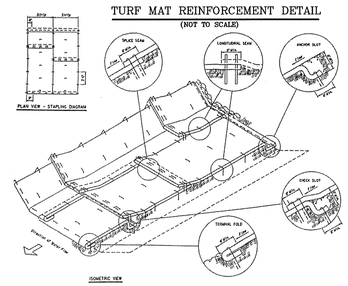


TEMPORARY CONSTRUCTION EXIT DETAIL
N.T.S.

CONCRETE WASHOUT SIGN

CONCRETE WASHOUT AREA
N.T.S.

TURF MAT REINFORCEMENT DETAIL
(NOT TO SCALE)



NOTE: Turf matting will be required for everything that is not constituted as rock.

TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM RUTHERFORD COUNTY GIS.

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Proposed Gate Valve & Box
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- Existing Contours
- Proposed Contours
- Existing Spot Elevations
- Proposed Spot Elevations
- Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- INIT. MEAS. Siltation Fence (Initial Measure)
- ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

DEVELOPER: STUART CONWAY
ADDRESS: 3422 LAWNCREST COVE
MURFREESBORO, TN 37129
TAX MAP: 77, PARCEL: 23.08
RECORD BOOK 1310, PG 2949

FLOOD MAP PANEL: 47149C0119H
FLOOD MAP DATED: JANUARY 5th, 2007

FLOOD MAP PANEL: 47149C0118J
FLOOD MAP DATED: OCTOBER16th, 2008

N
W STATE PLANE E
S
50' 0 50'
1 LOT - 7.40 ACRES±

NO.	DATE	DESCRIPTION
1	05-07-2015	ORIGINAL ISSUE

PRELIMINARY FOR REVIEW ONLY

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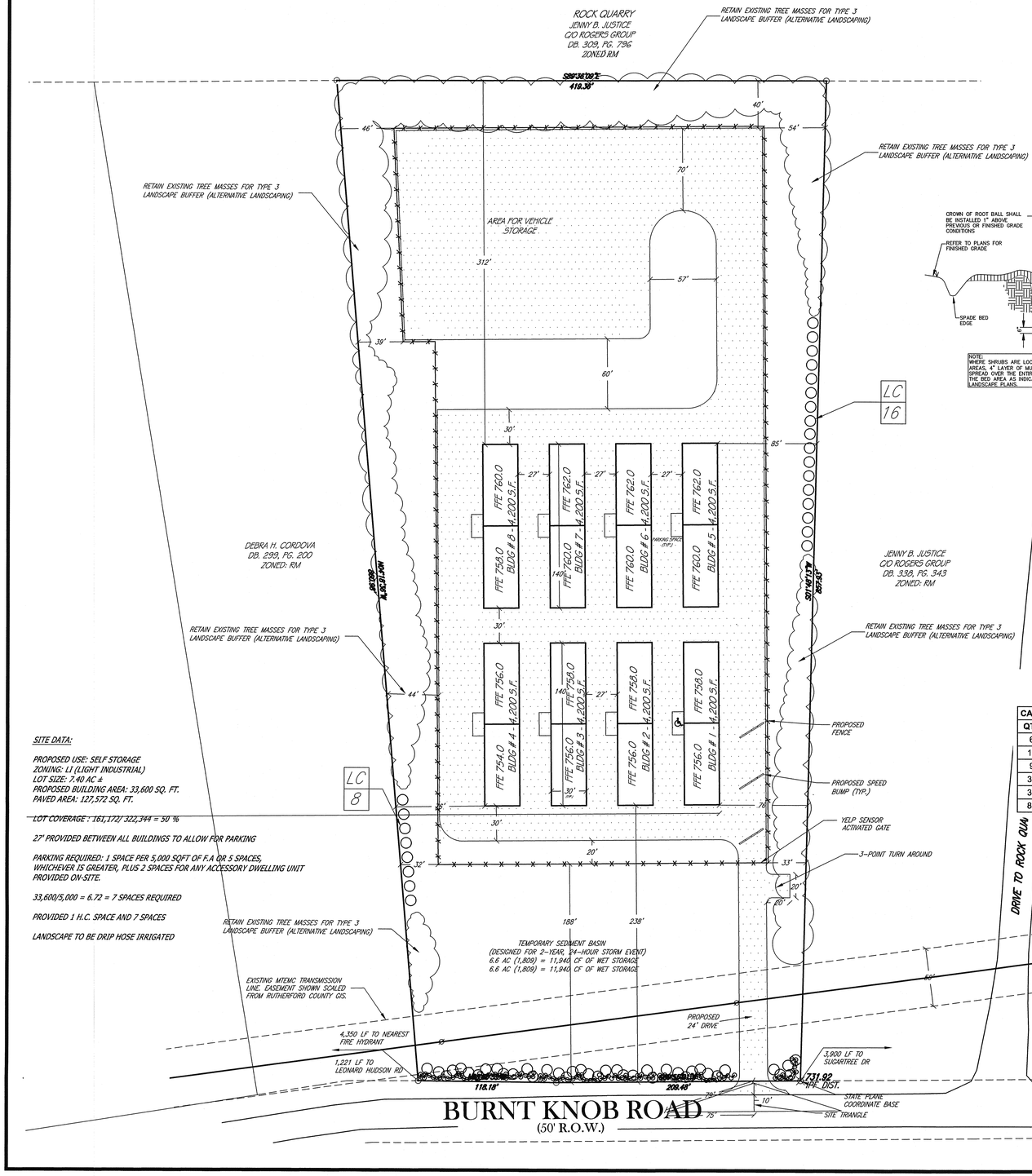
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
TELEPHONE : 893 - 4084, FAX: 893 - 0080

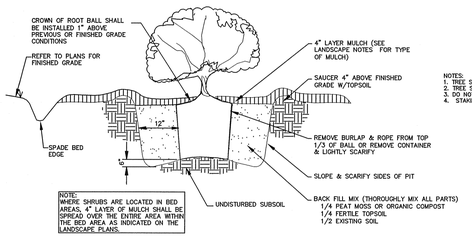
FINAL EROSION CONTROL PLAN

BURNT KNOB
SELF STORAGE
MURFREESBORO, TN

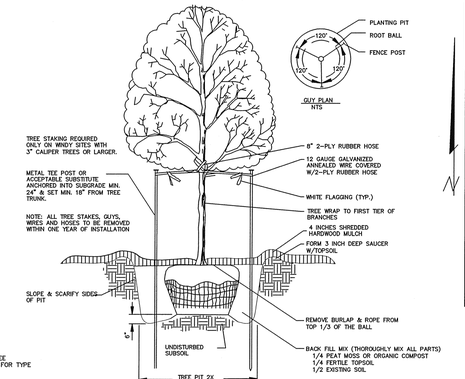
7th CIVIL DISTRICT- RUTHERFORD COUNTY - TN.

DATE: APRIL, 2016 | SCALE: 1" = 50' | SH. 5 OF 6



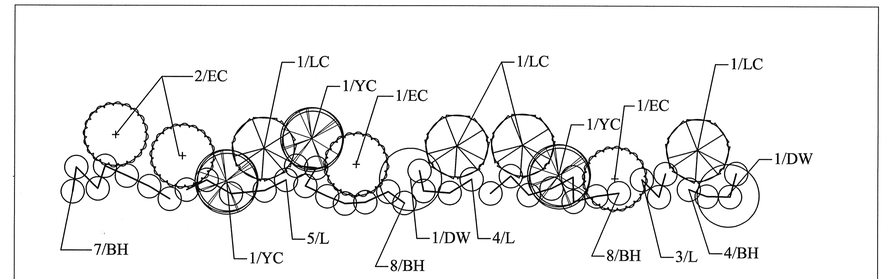


SHRUB PLANTING DETAIL
NTS



TREE PLANTING DETAIL
NTS

VICINITY MAP
NOT TO SCALE



BUFFER PLANTINGS DETAIL

PLANT MATERIAL LIST - BUFFER PLANTINGS

CANOPY AND EVERGREEN TREES						
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	NOTES
6	DW	Cornus Florida	Dogwood	3" Cal.	12' HT	5' clear, straight trunk, evenly branched, matched
12	EC	juniperus virginiana	Eastern Red Cedar	3" Cal.	12' HT	5' clear, straight trunk, evenly branched, matched
9	YC	prunus x yedoensis	Yoshina Cherry	3" Cal.	12' HT	5' clear, straight trunk, evenly branched, matched
36	LC	Cupressus x Leyland Cypress	Leyland Cypress	B&B	12' HT	Full symetrical shape
36	L	Prunus laurocerasus 'Otto Luken'	Otto Luken' Larel	36"HT	4' o.c.	Full symetrical shape
81	BH	illex donuta 'Dwarf Burford'	Dwarf Burford Holly	24"HT	3' o.c.	Full symetrical shape

LEGEND

- Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Proposed Gate Valve & Box
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- Existing Manhole
- Proposed Manhole
- —CD— Sewer Line Check Dam
- —97— Existing Contours
- —97— Proposed Contours
- 88.6 Existing Spot Elevations
- 88.6 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- —SF— INIT. MEAS. Siltation Fence (Initial Measure)
- —SF— ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- STONE Stone Check Dam

SITE DATA:

PROPOSED USE: SELF STORAGE
ZONING: LI (LIGHT INDUSTRIAL)
LOT SIZE: 7.40 AC ±
PROPOSED BUILDING AREA: 33,600 SQ. FT.
PAVED AREA: 127,572 SQ. FT.

LOT COVERAGE : 161,172/ 322,344 = 50 %

27' PROVIDED BETWEEN ALL BUILDINGS TO ALLOW FOR PARKING

PARKING REQUIRED: 1 SPACE PER 5,000 SQFT OF F.A OR 5 SPACES, WHICHEVER IS GREATER, PLUS 2 SPACES FOR ANY ACCESSORY DWELLING UNIT PROVIDED ON-SITE.

33,600/5,000 = 6.72 = 7 SPACES REQUIRED

PROVIDED 1 H.C. SPACE AND 7 SPACES

LANDSCAPE TO BE DRIP HOSE IRRIGATED

DEVELOPER: STUART CONWAY
ADDRESS: 3422 LAWNCREST COVE
MURFREESBORO, TN 37129
TAX MAP: 77, PARCEL: 23.08
RECORD BOOK 1310, PG 2949

FLOOD MAP PANEL: 47149C0119H
FLOOD MAP DATED: JANUARY 5th, 2007
ZONES: X

FLOOD MAP PANEL: 47149C0118J
FLOOD MAP DATED: OCTOBER16th, 2008
ZONES: X

TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM RUTHERFORD COUNTY GIS.

LEGEND FOR MONUMENTS
- IPS IRON PIN SET
- IPF IRON PIN FND.
- RAILROAD SPIKE
- FENCE
- SURVEY POINT
- NAIL
- CONC. MARKER FND.

N
W STATE PLANE E
S

50' 0 50'
1 LOT – 7.40 ACRES±

NO.	DATE	DESCRIPTION
1	05-07-2015	ORIGINAL ISSUE

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TELEPHONE : 893 – 4084, FAX: 893 – 0080

ALTERNATIVE LANDSCAPE PLAN

BURNT KNOB
SELF STORAGE
MURFREESBORO, TN

7th CIVIL DISTRICT- RUTHERFORD COUNTY - TN.

DATE: APRIL, 2016 | SCALE: 1" = 50' | SH. 6 OF 6

V:\ACAD2009\Land Projects 2009\BURNT KNOB SELF STORAGE\Dwgs\5-7-15\BURNT KNOB STORAGE SITE PLAN2016 (1).dwg, LANDSCAPE PLAN