

PLANS FOR A

LARGE SCALE DEVELOPMENT

TO SERVE

MATHIAS WAREHOUSES

A COMMERCIAL DEVELOPMENT

IN

TONTITOWN, ARKANSAS



OWNER:

MAESTRI ENTERPRISES LLC
301 EMERALD POINT DRIVE
SPRINGDALE, AR 72764
PHONE: 751-7393

DEVELOPER:

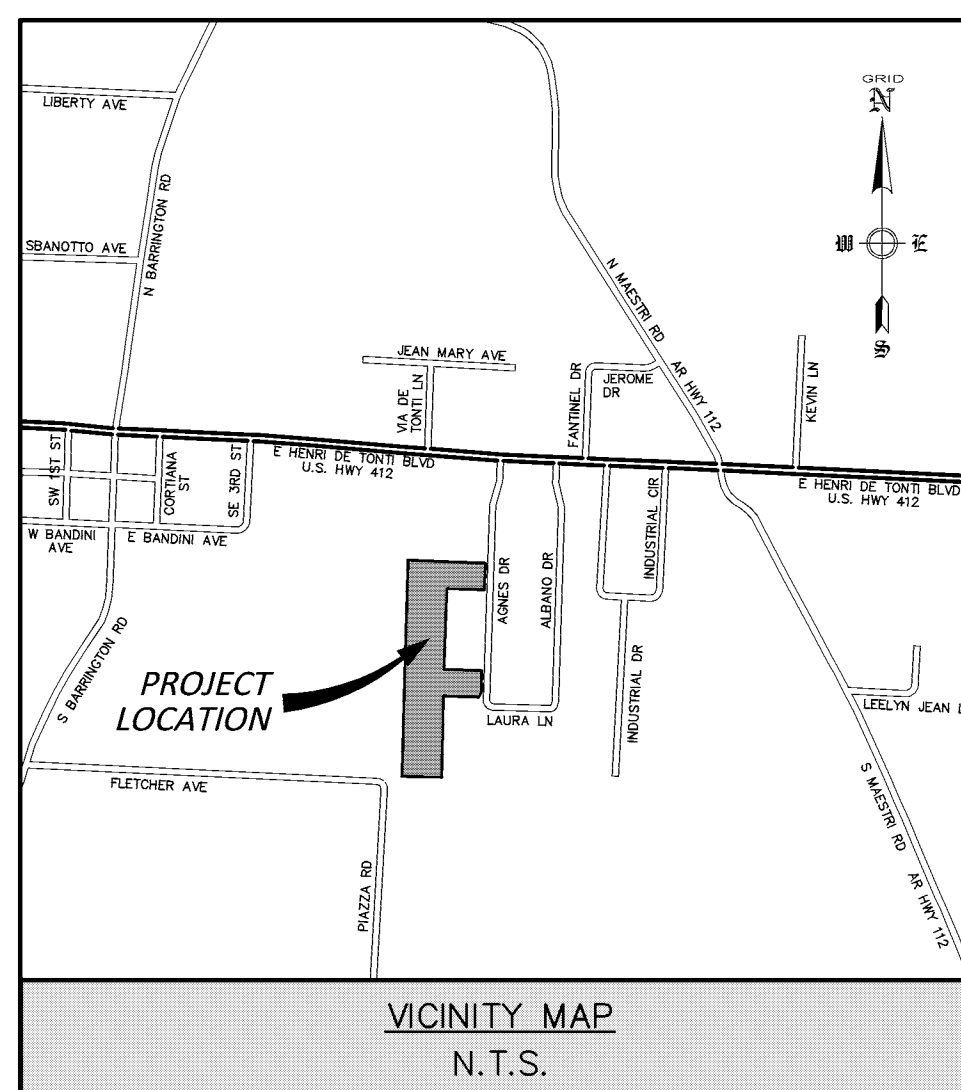
MATHIAS SHOPPING CENTERS INC.
P.O. BOX 6485
SPRINGDALE, AR 72766-6485
PHONE: 750-9100

MAY 18, 2015

BY
ENGINEERING SERVICES INC.



CONSULTING ENGINEERS
SPRINGDALE, ARKANSAS
PHONE: 479-751-8733
FAX: 479-751-8746
WWW.ENGINEERINGSERVICES.COM



GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING STRUCTURES, RELATED UTILITIES, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. THE REMOVAL AND DISPOSAL OF ALL MATERIALS SHALL BE DONE PER ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
2. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION OF THIS PROJECT.
3. THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH DESIGN STANDARDS OF THE CITY OF TONTITOWN. HOWEVER, NEITHER THE ENGINEER NOR ITS EMPLOYEES CAN OR DO ASSURE THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON SITE.
4. THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE SAFETY OF BUT NOT LIMITED TO THE PERSONS, PROPERTY, AND EQUIPMENT RELATED TO THE CONSTRUCTION OF THE SITE. THIS REQUIREMENT WILL APPLY DURING THE COMPLETE CONSTRUCTION OF THE PROJECT.
5. ALL CONSTRUCTION IN ARKANSAS DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY SHALL BE APPROVED BY THE ARKANSAS DEPARTMENT OF TRANSPORTATION.

NOTICE TO BIDDERS:

SUBCONTRACTOR MUST DIRECT THEIR QUESTIONS THROUGH THE GENERAL CONTRACTOR, THE CONSULTING ARCHITECT AND/OR THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.

FLOOD ZONE NOTE:

THIS PROPERTY IS NOT WITHIN THE 100 YEAR FLOOD ZONE AS SHOWN ON THE F.I.R.M. MAP # 05143C0065 F, WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. EFFECTIVE DATE: MAY 16, 2008.

INDEX OF SHEETS

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1	LARGE SCALE DEVELOPMENT
2	GRADING PLAN
3	TYPICAL DETAILS
4	UTILITY PLAN
5	LANDSCAPE PLAN
6	STORM WATER POLLUTION PREVENTION PLAN

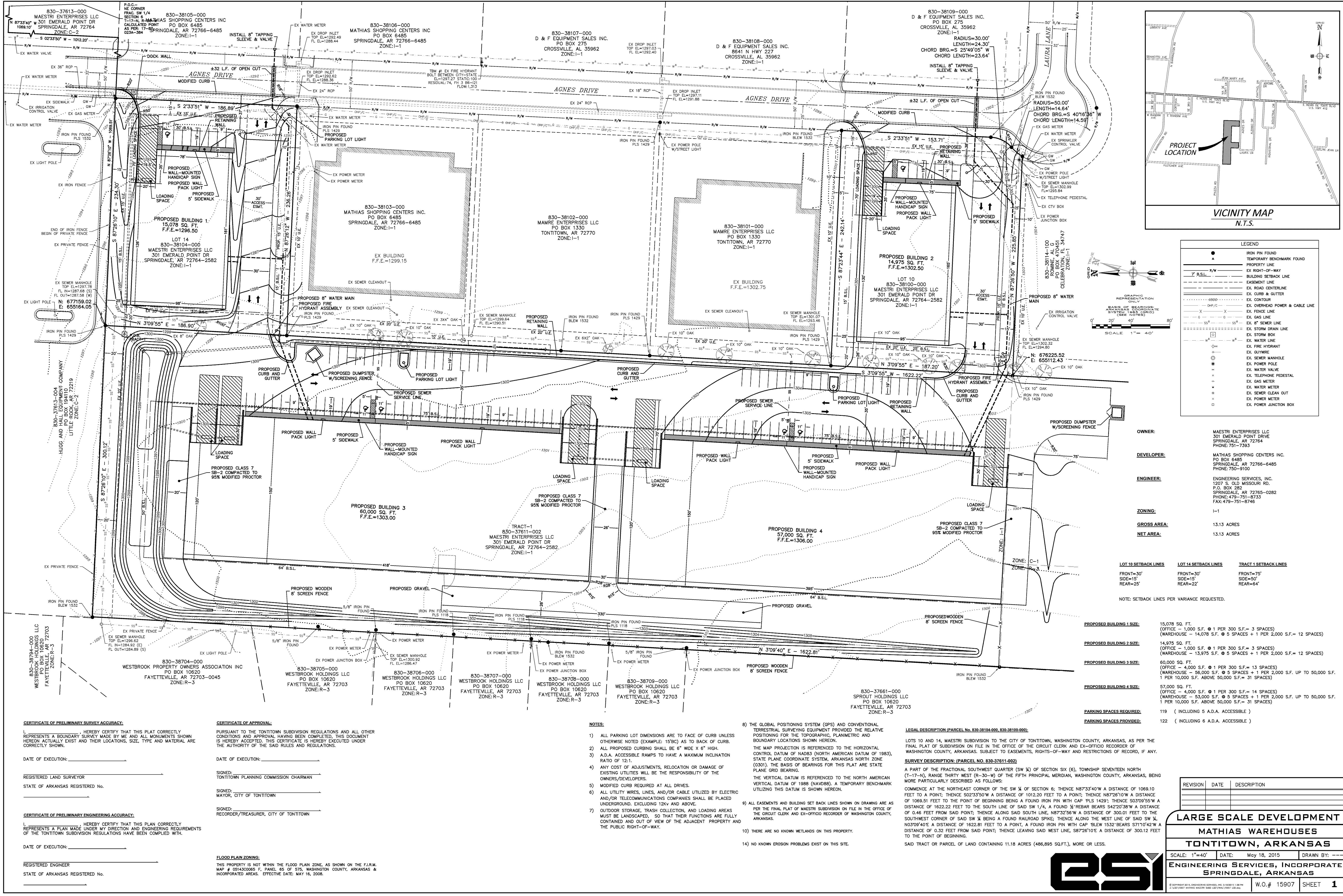
THOMAS J. APPEL, P.E. No. 13828
ENGINEERING SERVICES, INC.

NOTE :

ALL CONSTRUCTION MUST COMPLY WITH THE REQUIREMENTS OF THE CITY OF TONTITOWN, ARKANSAS.

REVISION	DATE	DESCRIPTION
COVER SHEET		
MATHIAS WAREHOUSES		
TONTITOWN, ARKANSAS		
DATE:	May 18, 2015	DRAWN BY: ---
ENGINEERING SERVICES, INCORPORATED		
SPRINGDALE, ARKANSAS		
W.O.#	15907	





CERTIFICATE OF PRELIMINARY SURVEY ACCURACY:

I, _____, HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS A BOUNDARY SURVEY MADE BY ME AND ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR LOCATIONS, SIZE, TYPE AND MATERIAL ARE CORRECTLY SHOWN.

DATE OF EXECUTION: _____

REGISTERED LAND SURVEYOR

STATE OF ARKANSAS REGISTERED NO. _____

CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY:

I, _____, HEREBY CERTIFY THAT THIS PLAN CORRECTLY REPRESENTS A PLAN MADE UNDER MY DIRECTION AND ENGINEERING REQUIREMENTS OF THE TONTITOWN SUBDIVISION REGULATIONS HAVE BEEN COMPLIED WITH.

DATE OF EXECUTION: _____

REGISTERED ENGINEER

STATE OF ARKANSAS REGISTERED NO. _____

CERTIFICATE OF APPROVAL:

PURSUANT TO THE TONTITOWN SUBDIVISION REGULATIONS AND ALL OTHER CONDITIONS AND APPROVAL HAVING BEEN COMPLETED, THIS DOCUMENT IS HEREBY ACCEPTED. THIS CERTIFICATE IS HEREBY EXECUTED UNDER THE AUTHORITY OF THE SAID RULES AND REGULATIONS.

DATE OF EXECUTION: _____

SIGNED: _____

TONTITOWN PLANNING COMMISSION CHAIRMAN

SIGNED: _____

MAYOR, CITY OF TONTITOWN

SIGNED: _____

RECORDER/TREASURER, CITY OF TONTITOWN

FLOOD PLAIN ZONING:

THIS PROPERTY IS NOT WITHIN THE FLOOD PLAIN ZONE, AS SHOWN ON THE F.L.M. MAP # 014-020065, F. PANEL 65 OF 575, WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. EFFECTIVE DATE: MAY 16, 2008.

NOTES:

- ALL PARKING LOT DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED (EXAMPLE: 15'BC) AS TO BACK OF CURB.
- ALL PROPOSED CURBING SHALL BE 6" WIDE X 6" HIGH.
- A.D.A. ACCESSIBLE RAMPS TO HAVE A MAXIMUM INCLINATION RATIO OF 12:1.
- ANY COST OF ADJUSTMENTS, RELOCATION OR DAMAGE OF EXISTING UTILITIES WILL BE THE RESPONSIBILITY OF THE OWNERS/DEVELOPERS.
- MODIFIED CURB REQUIRED AT ALL DRIVES.
- ALL UTILITY WIRES, LINES, AND/OR CABLE UTILIZED BY ELECTRIC AND/OR TELECOMMUNICATIONS COMPANIES SHALL BE PLACED UNDERGROUND, EXCLUDING 12KV AND ABOVE.
- OUTDOOR STORAGE, TRASH COLLECTION, AND LOADING AREAS MUST BE LANDSCAPED, SO THAT THEIR FUNCTIONS ARE FULLY CONTAINED AND OUT OF VIEW OF THE ADJACENT PROPERTY AND THE PUBLIC RIGHT-OF-WAY.
- THE GLOBAL POSITIONING SYSTEM (GPS) AND CONVENTIONAL TERRESTRIAL SURVEYING EQUIPMENT PROVIDED THE RELATIVE POSITIONING FOR THE TOPOGRAPHIC, PLANIMETRIC AND BOUNDARY LOCATIONS SHOWN HEREON.
- THE MAP PROJECTION IS REFERENCED TO THE HORIZONTAL CONTROL DATUM OF NAD83 (NORTH AMERICAN DATUM OF 1983), STATE PLANE COORDINATE SYSTEM, ARKANSAS NORTH ZONE (0301). THE BASIS OF BEARINGS FOR THIS PLAN ARE STATE PLANE GRID BEARING.
- THE VERTICAL DATUM IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). A TEMPORARY BENCHMARK UTILIZING THIS DATUM IS SHOWN HEREON.
- ALL EASEMENTS AND BUILDING SET BACK LINES SHOWN ON DRAWING ARE AS PER THE FINAL PLAT OF MAESTRI SUBDIVISION ON FILE IN THE OFFICE OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF WASHINGTON COUNTY, ARKANSAS.
- THERE ARE NO KNOWN WETLANDS ON THIS PROPERTY.
- NO KNOWN EROSION PROBLEMS EXIST ON THIS SITE.

LEGAL DESCRIPTION (PARCEL NO. 830-38104-000, 830-38101-000):

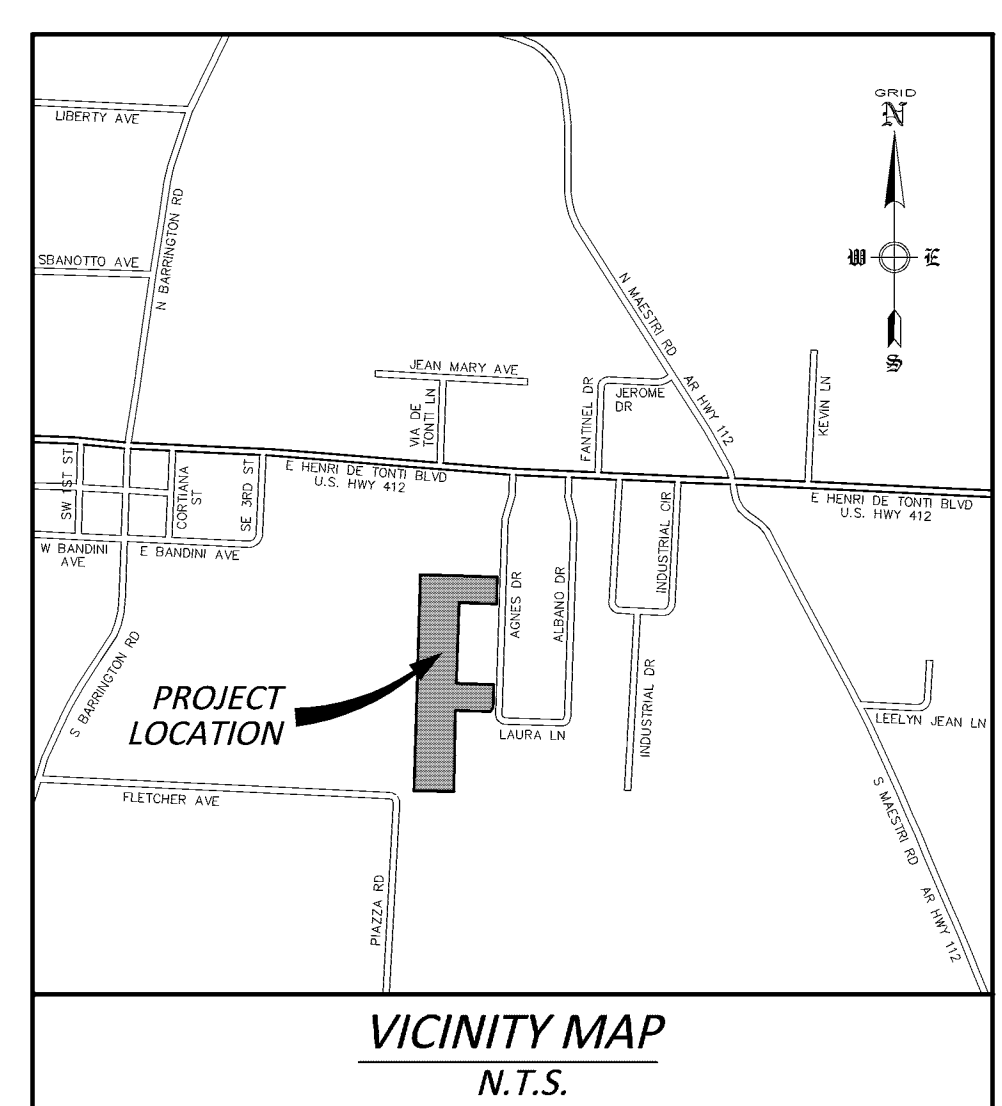
LOTS 10 AND 14, MAESTRI SUBDIVISION TO THE CITY OF TONTITOWN, WASHINGTON COUNTY, ARKANSAS, AS PER THE FINAL PLAT OF SUBDIVISION ON FILE IN THE OFFICE OF THE CIRCUIT CLERK AND EX-OFFICIO RECORDER OF WASHINGTON COUNTY, ARKANSAS, SUBJECT TO EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD, IF ANY.

SURVEY DESCRIPTION (PARCEL NO. 830-37611-002):

A PART OF THE FRACTIONAL SOUTHWEST QUARTER (SW ¼) OF SECTION SIX (6), TOWNSHIP SEVENTEEN NORTH (17-N), RANGE THIRTY WEST (R-30-W) OF THE FIFTH PRINCIPAL MERIDIAN, WASHINGTON COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE SW ¼ OF SECTION 6; THENCE N87°33'40"W A DISTANCE OF 1069.10 FEET TO A POINT; THENCE S02°33'50"W A DISTANCE OF 1012.20 FEET TO A POINT; THENCE N87°26'10"W A DISTANCE OF 1069.51 FEET TO THE POINT OF BEGINNING BEING A FOUND IRON PIN WITH CAP PLS 1429; THENCE S03°09'55"W A DISTANCE OF 1622.22 FEET TO THE SOUTH LINE OF SAID SW ¼; A FOUND ½" REBAR BEARS S42°20'38"W A DISTANCE OF 0.46 FEET FROM SAID POINT; THENCE ALONG SAID SOUTH LINE, N87°32'56"W A DISTANCE OF 300.01 FEET TO THE SOUTHWEST CORNER OF SAID SW ¼ BEING A FOUND RAILROAD SPIKE; THENCE ALONG THE WEST LINE OF SAID SW ¼, N03°09'40"E A DISTANCE OF 1622.81 FEET TO A POINT, A FOUND IRON PIN WITH CAP BLEW 1532 BEARS S71°10'42"W A DISTANCE OF 0.32 FEET FROM SAID POINT; THENCE LEAVING SAID WEST LINE, S87°26'10"E A DISTANCE OF 300.12 FEET TO THE POINT OF BEGINNING.

SAID TRACT OR PARCEL OF LAND CONTAINING 11.18 ACRES (486,895 SQ.FT.), MORE OR LESS.



LEGEND	
●	IRON PIN FOUND
○	TEMPORARY BENCHMARK FOUND
—	PROPERTY LINE
—	EX RIGHT-OF-WAY
—	BUILDING SETBACK LINE
—	EASEMENT LINE
—	EX ROAD CENTERLINE
—	EX CURB & GUTTER
—	EX CONTOUR
—	EX OVERHEAD POWER & CABLE LINE
—	EX FENCE LINE
—	EX GAS LINE
—	EX 8" SEWER LINE
—	EX STORM DRAIN LINE
—	EX STORM BOX
—	EX WATER LINE
—	EX FIRE HYDRANT
—	EX GUYWIRE
—	EX SEWER MANHOLE
—	EX POWER POLE
—	EX WATER VALVE
—	EX TELEPHONE PEDESTAL
—	EX GAS METER
—	EX WATER METER
—	EX SEWER CLEAN OUT
—	EX POWER METER
—	EX POWER JUNCTION BOX

OWNER:	MAESTRI ENTERPRISES LLC 301 EMERALD POINT DRIVE SPRINGDALE, AR 72764 PHONE: 751-7393
DEVELOPER:	MATHIAS SHOPPING CENTERS INC. PO BOX 6485 SPRINGDALE, AR 72766-6485 PHONE: 750-9100
ENGINEER:	ENGINEERING SERVICES, INC. 1207 S. OLD MISSOURI RD. P.O. BOX 282 SPRINGDALE, AR 72765-0282 PHONE: 479-751-8733 FAX: 479-751-8746
ZONING:	I-1
GROSS AREA:	13.13 ACRES
NET AREA:	13.13 ACRES

LOT 10 SETBACK LINES	LOT 14 SETBACK LINES	TRACT 1 SETBACK LINES
FRONT=30' SIDE=15' REAR=25'	FRONT=30' SIDE=15' REAR=22'	FRONT=75' SIDE=50' REAR=64'

NOTE: SETBACK LINES PER VARIANCE REQUESTED.

PROPOSED BUILDING 1 SIZE:	15,078 SQ. FT. (OFFICE - 1,000 S.F. @ 1 PER 300 S.F. = 3 SPACES) (WAREHOUSE - 14,078 S.F. @ 5 SPACES + 1 PER 2,000 S.F. = 12 SPACES)
PROPOSED BUILDING 2 SIZE:	14,975 SQ. FT. (OFFICE - 1,000 S.F. @ 1 PER 300 S.F. = 3 SPACES) (WAREHOUSE - 13,975 S.F. @ 5 SPACES + 1 PER 2,000 S.F. = 12 SPACES)
PROPOSED BUILDING 3 SIZE:	60,000 SQ. FT. (OFFICE - 4,000 S.F. @ 1 PER 300 S.F. = 13 SPACES) (WAREHOUSE - 56,000 S.F. @ 5 SPACES + 1 PER 2,000 S.F. UP TO 50,000 S.F. 1 PER 10,000 S.F. ABOVE 50,000 S.F. = 31 SPACES)
PROPOSED BUILDING 4 SIZE:	57,000 SQ. FT. (OFFICE - 4,000 S.F. @ 1 PER 300 S.F. = 14 SPACES) (WAREHOUSE - 53,000 S.F. @ 5 SPACES + 1 PER 2,000 S.F. UP TO 50,000 S.F. 1 PER 10,000 S.F. ABOVE 50,000 S.F. = 31 SPACES)
PARKING SPACES REQUIRED:	119 (INCLUDING 5 A.D.A. ACCESSIBLE)
PARKING SPACES PROVIDED:	122 (INCLUDING 6 A.D.A. ACCESSIBLE)

REVISION	DATE	DESCRIPTION

LARGE SCALE DEVELOPMENT

MATHIAS WAREHOUSES

TONTITOWN, ARKANSAS

SCALE: 1"=40'

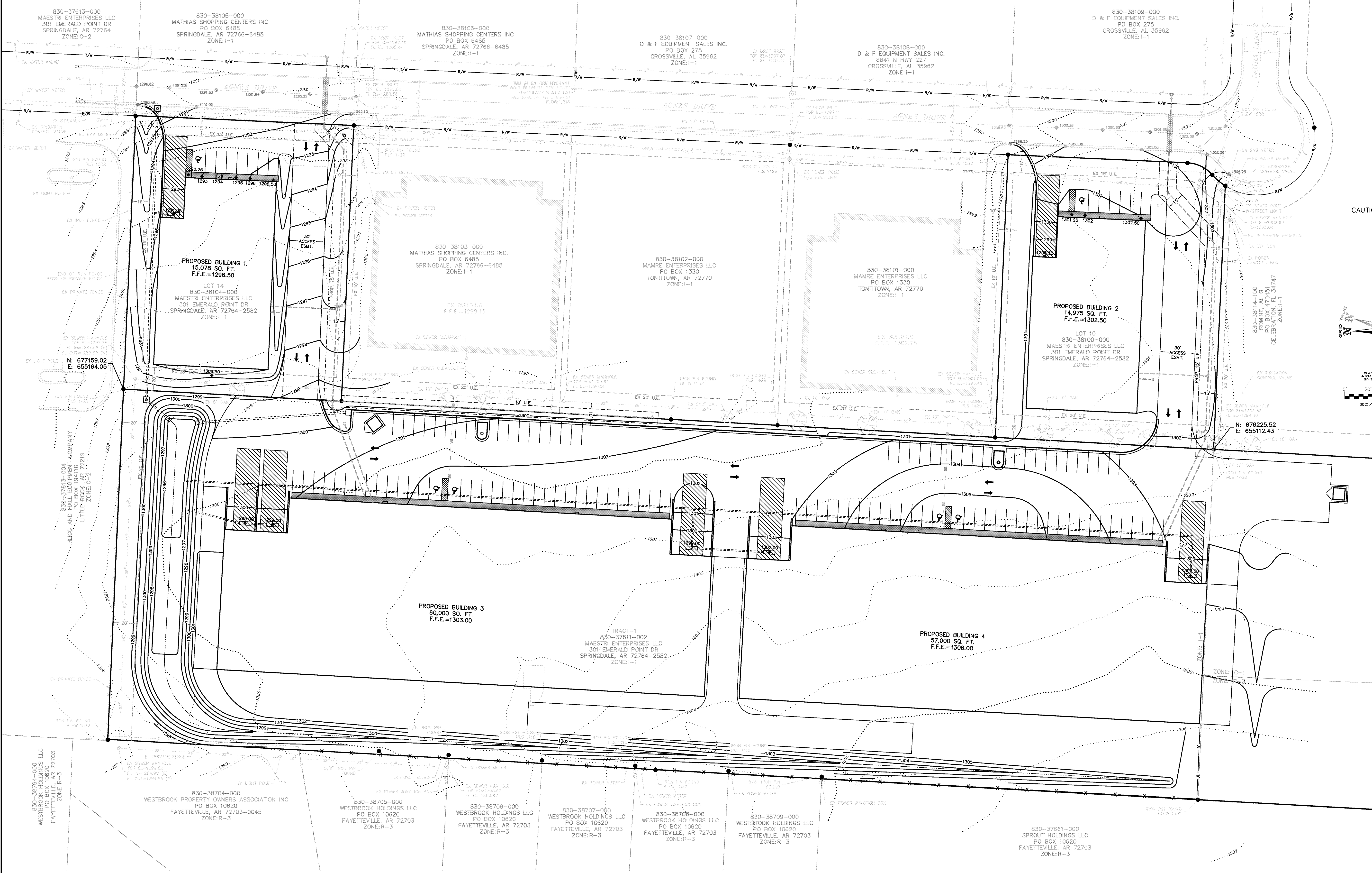
DATE: May 18, 2015

DRAWN BY: ---

ENGINEERING SERVICES, INCORPORATED

SPRINGDALE, ARKANSAS

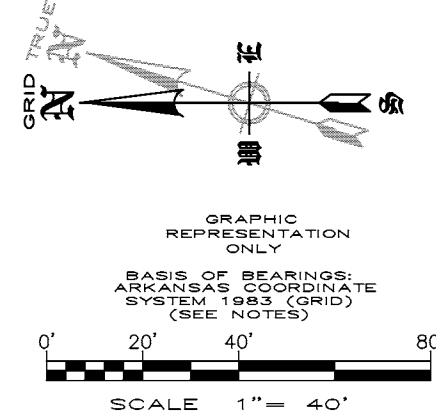




NOTES:
-ALL SPOT ELEVATIONS ARE SHOWN AT THE GUTTER UNLESS SPECIFIED.
-ALL DISTURBED AREAS ARE TO BE SODDED AS DIRECTED BY THE OWNER.

!! CAUTION !!
ALL EXISTING UTILITY LINES MAY NOT BE SHOWN ON THESE PLANS
ALSO, EXACT LOCATIONS & DEPTHS UNKNOWN - CONTRACTOR SHALL CONTACT UTILITY COMPANIES & FIELD VERIFY LOCATIONS, DEPTHS, & POSSIBLE EXISTENCE OF UN-NOTED UTILITIES BEFORE BEGINNING CONSTRUCTION

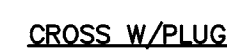
CAUTION: OTHER UTILITY LINES MAY BE PRESENT ON THIS SITE. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND FIELD VERIFY ALL UTILITY LOCATIONS BEFORE BEGINNING ANY CONSTRUCTION.



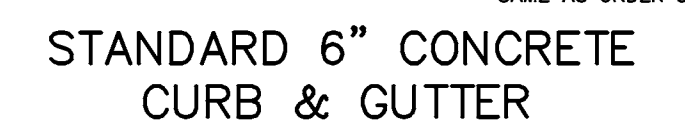
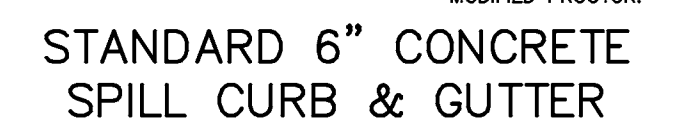
FLOOD PLAIN ZONING:
THIS PROPERTY IS NOT WITHIN THE FLOOD PLAIN ZONE, AS SHOWN ON THE F.I.R.M. MAP # 05143C0005 F, PANEL 65 OF 575, WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. EFFECTIVE DATE: MAY 16, 2008.



REVISION	DATE	DESCRIPTION
GRADING PLAN		
MATHIAS WAREHOUSES		
TONTITOWN, ARKANSAS		
SCALE: 1"=40'	DATE: May 18, 2015	DRAWN BY: ---
ENGINEERING SERVICES, INCORPORATED		
SPRINGDALE, ARKANSAS		
W.O.# 15907		SHEET 2



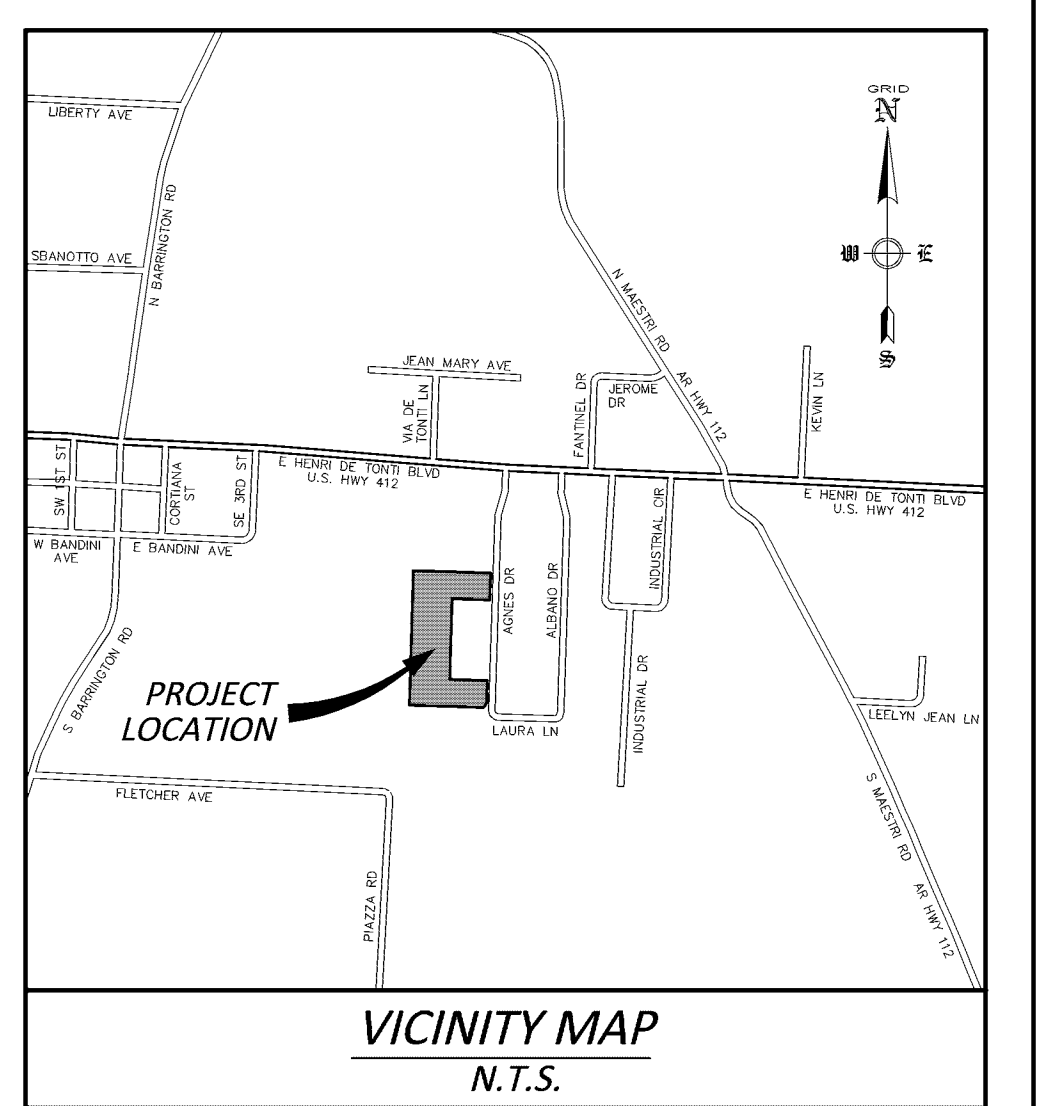
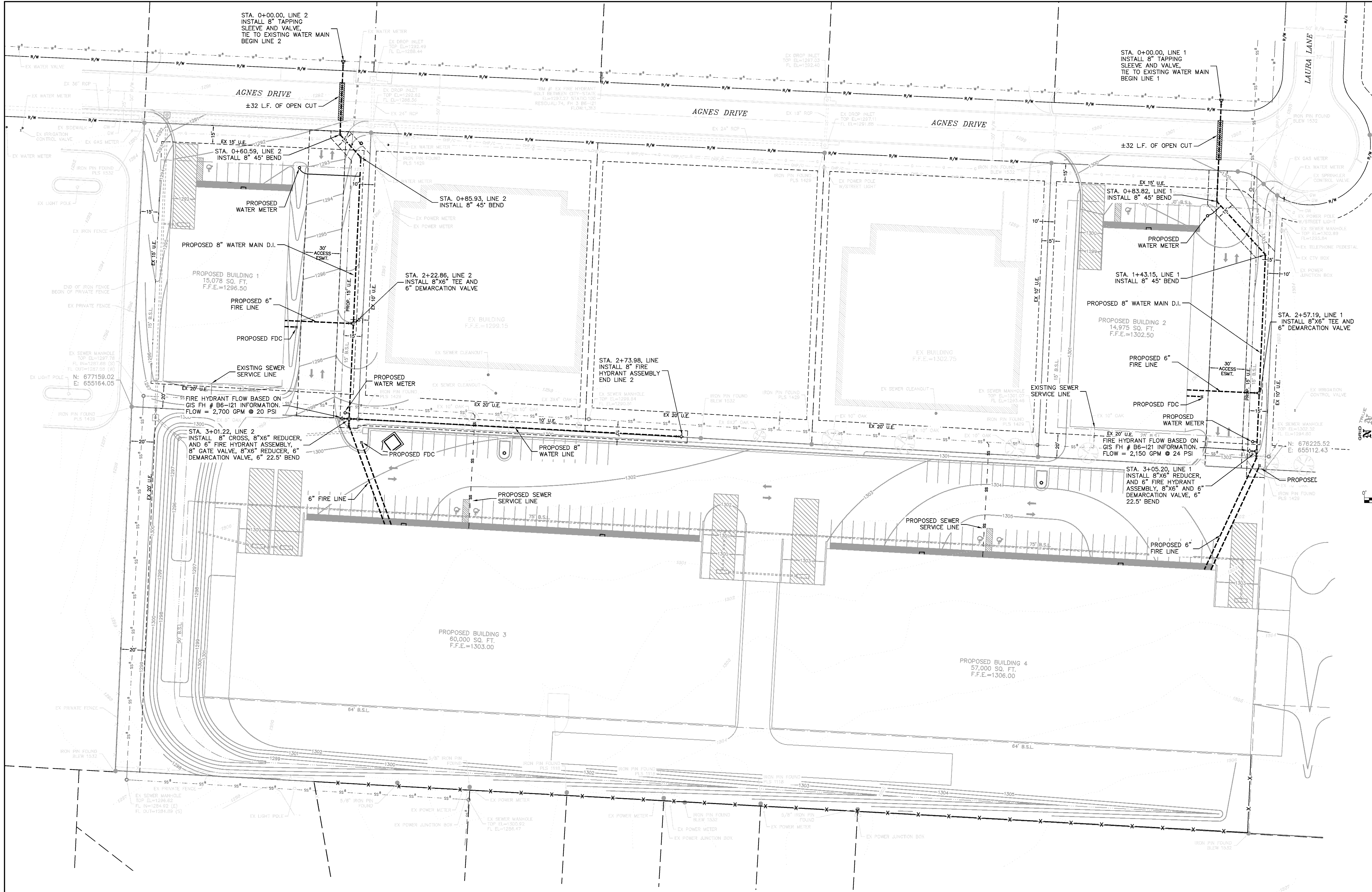
REACTION BACKING
N.T.S.



(TO BE PLACED AT LOCATIONS
SHOWN BY (HR) ON PLAN)

TYPICAL DETAILS

SCALE: N.T.S.	DATE: May 18, 2015	DRAWN BY: ---
ENGINEERING SERVICES, INCORPORATED SPRINGDALE, ARKANSAS		



LEGEND	
	IRON PIN FOUND
	TEMPORARY BENCHMARK FOUND
	PROPERTY LINE
	EX RIGHT-OF-WAY
	BUILDING SETBACK LINE
	EASEMENT LINE
	EX. ROAD CENTERLINE
	EX. CURB & GUTTER
	EX. CONTOUR
	EX. OVERHEAD POWER & CABLE LINE
	EX. GAS LINE
	EX. 8" SEWER LINE
	EX. STORM DRAIN LINE
	EX. STORM BOX
	EX. WATER LINE
	EX. FIRE HYDRANT
	EX. GLYWRE
	EX. SEWER MANHOLE
	EX. POWER POLE
	EX. WATER VALVE
	EX. TELEPHONE PEDESTAL
	EX. GAS METER
	EX. WATER METER
	EX. SEWER CLEAN OUT
	EX. POWER METER
	EX. POWER JUNCTION BOX

OWNER: MAESTRI ENTERPRISES LLC
301 EMERALD POINT DRIVE
SPRINGDALE, AR 72764
PHONE: 751-7393

DEVELOPER: MATHIAS SHOPPING CENTERS INC.
P.O. BOX 6485
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PHONE: 750-9100

ENGINEER: ENGINEERING SERVICES, INC.
1207 S. OLD MISSOURI RD.
P.O. BOX 282
SPRINGDALE, AR 72765-0282
PHONE: 479-751-8733
FAX: 479-751-8746

ZONING: I-1

NOTE:
WATER AND SEWER CONSTRUCTION PLANS SHALL BE SUBMITTED TO THE TONTOWN WATER AND SEWER DEPARTMENT FOR REVIEW. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE TONTOWN WATER AND SEWER STANDARD SPECIFICATIONS.

FLOOD PLAIN ZONING:
THIS PROPERTY IS NOT WITHIN THE FLOOD PLAIN ZONE, AS SHOWN ON THE F.I.R.M. MAP # 051450005 F. PANEL 65 OF 575, WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. EFFECTIVE DATE: MAY 16, 2008.

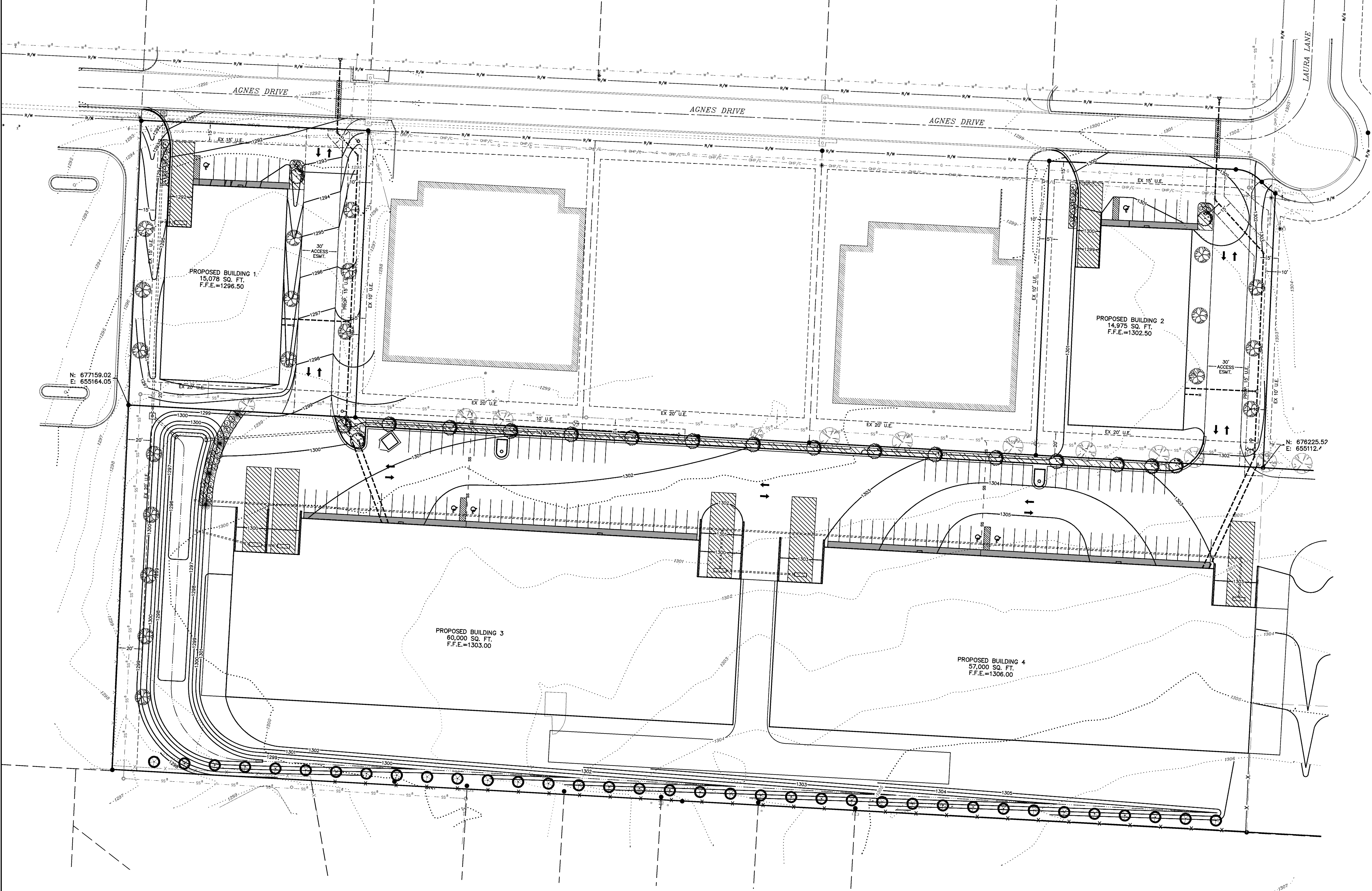
REVISION	DATE	DESCRIPTION

UTILITY PLAN
MATHIAS WAREHOUSES
TONTOWN, ARKANSAS

SCALE: 1"=40' DATE: May 18, 2015 DRAWN BY: ---

ENGINEERING SERVICES, INCORPORATED
SPRINGDALE, ARKANSAS



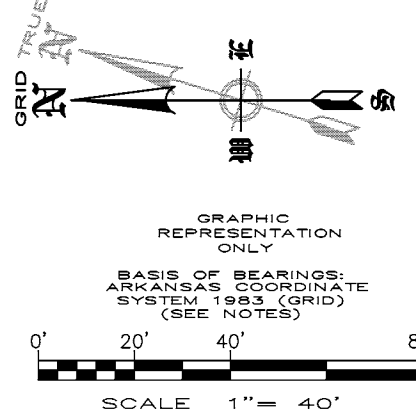


OWNER: MAESTRI ENTERPRISES LLC
301 EMERALD POINT DRIVE
SPRINGDALE, AR 72764
PHONE: 751-7393

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PO BOX 5485
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ZONING: I-1



INDEX OF TREES				
TREE SYMBOL	COMMON NAME	BOTANICAL NAME	TOTAL # TREES	SIZE
	RED BUD	Cercis canadensis	19	2" Cal B & B
	FLOWERING CRABAPPLE	Malus sp.	20	2" Cal B & B
	SHUMARD OAK	Quercus shumardi	8	2" Cal B & B
	EVERGREEN SPECIES	Evergreen species to be determined by owner	36	2" Cal 10' Min.

INDEX OF SHRUBS				
PLANT SYMBOL	COMMON NAME	BOTANICAL NAME	TOTAL # PLANTS	SIZE
	DWARF YAUPON HOLLY	Ilex vomitoria	28	3 GAL.
	LITTLELEAF BOXWOOD	Buxus microphylla	9	3 GAL.
	DWARF BURNING BUSH	Euonymus alatus 'Compacta'	12	3 GAL.
	CREPE MYRTLE	Lagerstroemia indica	8	5 GAL.

LANDSCAPING REQUIREMENTS	
TOTAL PARKING LOT AREA:	48,881 S.F.
INTERIOR LANDSCAPING REQUIRED (10%):	4,888 S.F.
INTERIOR LANDSCAPING PROVIDED (10.12%):	4,949 S.F.

INTERIOR PARKING LOT AREA

- LANDSCAPING NOTES:
- ALL LANDSCAPING SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE CITY OF TONTITOWN LANDSCAPE ORDINANCE.
 - ALL LANDSCAPING TO BE DRESSED WITH 4" OF MULCH AFTER INSTALLATION.
 - ALL AREAS NOT TO BE MULCHED ARE TO BE SODDED.
 - A VARIANCE IS BEING REQUESTED FOR THE INTERIOR LANDSCAPE REQUIREMENTS

REVISION	DATE	DESCRIPTION

LANDSCAPE PLAN

MATHIAS WAREHOUSES

TONTITOWN, ARKANSAS

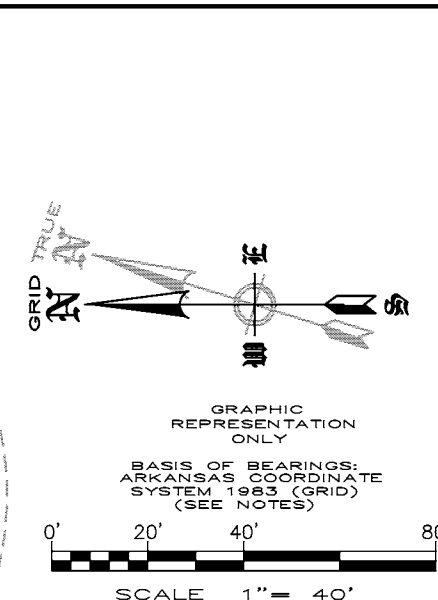
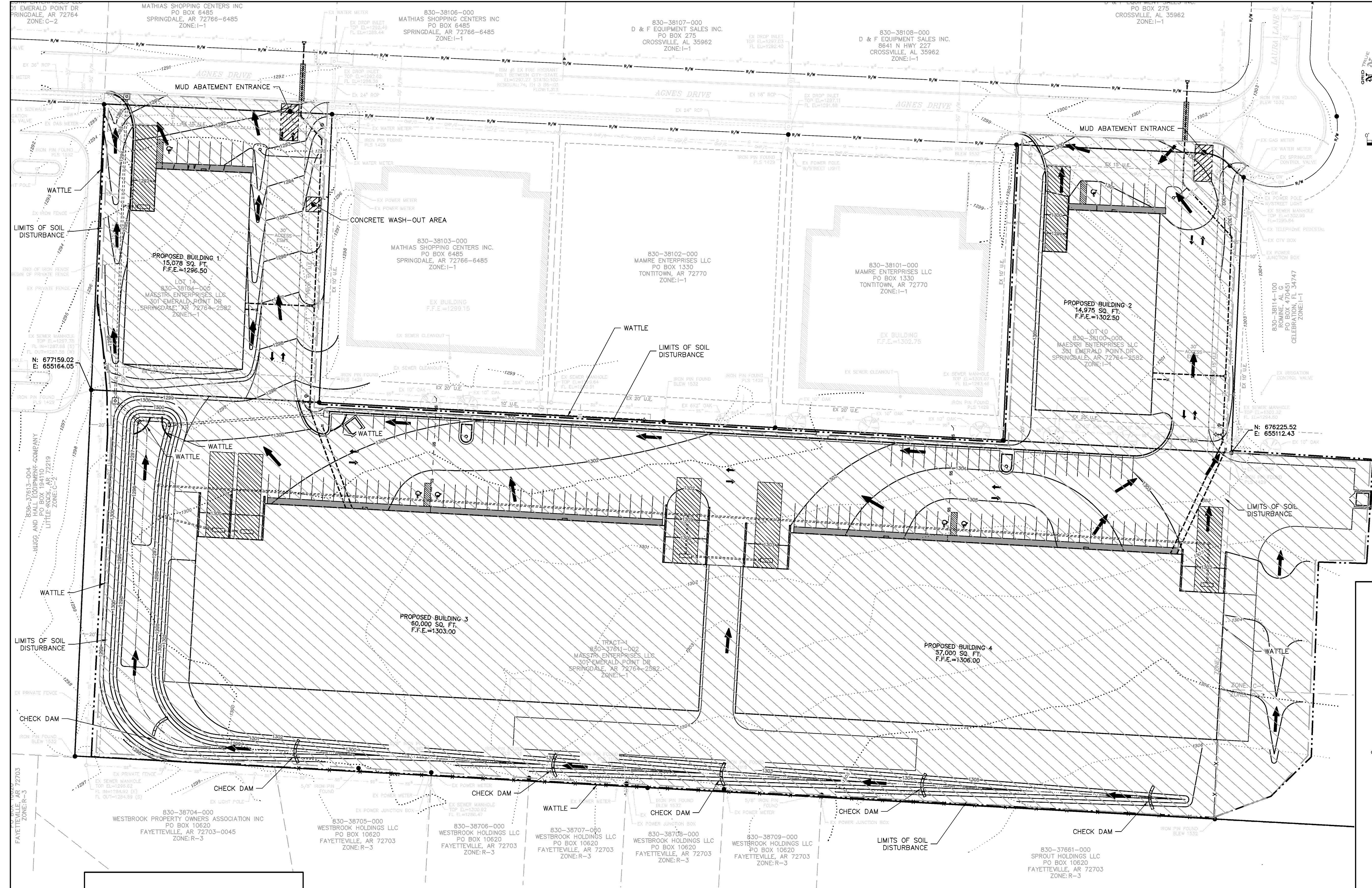
SCALE: 1"=40' DATE: May 18, 2015 DRAWN BY: ---

ENGINEERING SERVICES, INCORPORATED

SPRINGDALE, ARKANSAS

W.O.# 15907 SHEET 5





NOTES:

- 1) NATURAL VEGETATION SHALL BE RETAINED WHEREVER POSSIBLE.
- 2) SEED AND MULCH SHALL BE PLACED (BY OWNER) IN ALL AREAS WHERE VEGETATION IS DISTURBED.
- 3) STRAW AND WOOD CHIPS SHALL BE PLACED TO PROVIDE TEMPORARY PROTECTION WHILE FINAL GRADING IS BEING COMPLETED.
- 4) PLACE FILTER FABRIC ON ALL CURB INLETS.

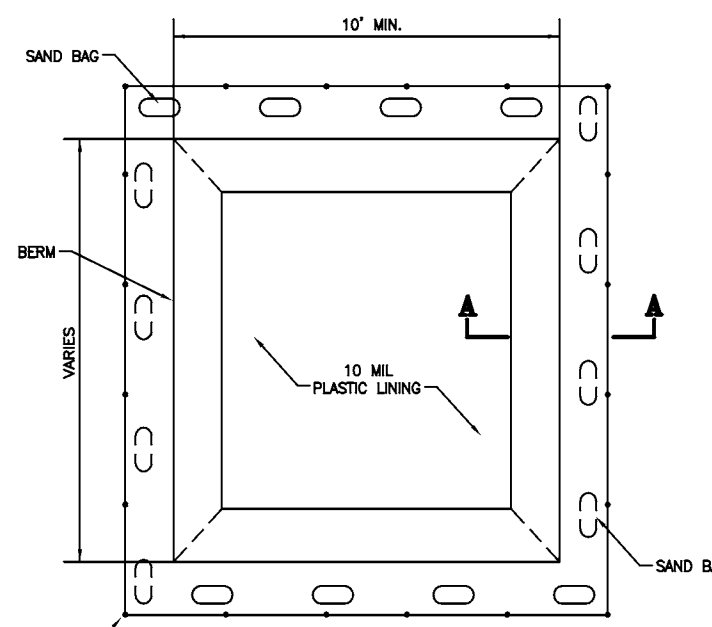
*WATTLES & CHECK DAMS ARE USED AS ENERGY DISSIPATION DEVICES

*WATTLES & CHECK DAMS ARE USED TO CONTROL POLLUTANTS DURING STORM WATER DISCHARGE

*WATTLES & CHECK DAMS MUST BE MAINTAINED UNTIL SITE IS PERMANENTLY STABILIZED

TOTAL AREA OF SOIL DISTURBANCE = 8.78 ACRES

SECTION A - A

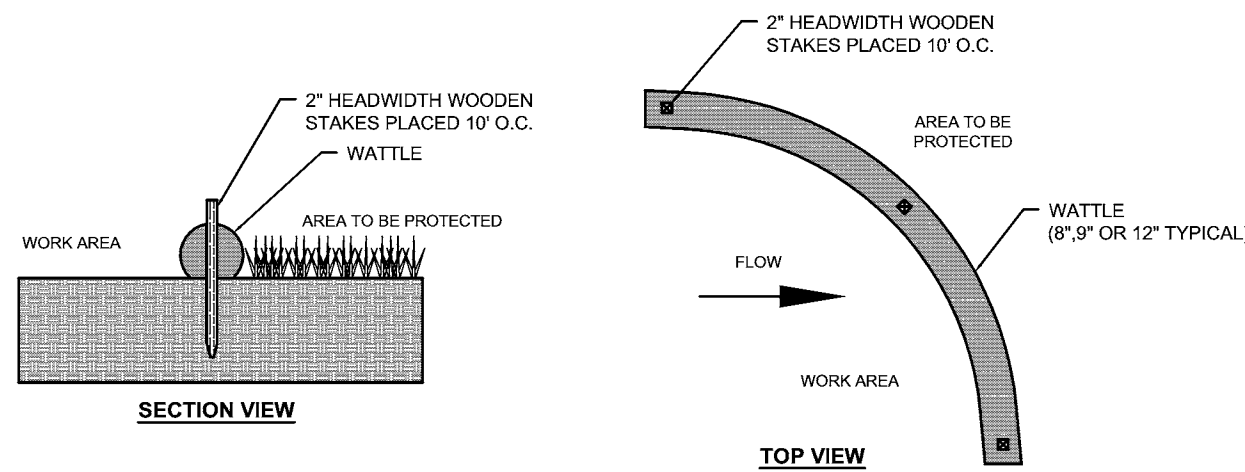


PLAN

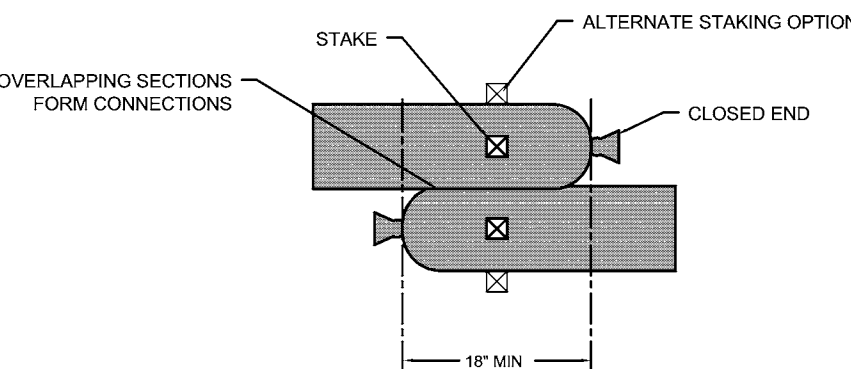
NOT TO SCALE

- NOTES:
- 1) LATH AND FLAGGING SHOULD BE COMMERCIAL TYPE.
 - 2) PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

CONCRETE WASH-OUT AREA



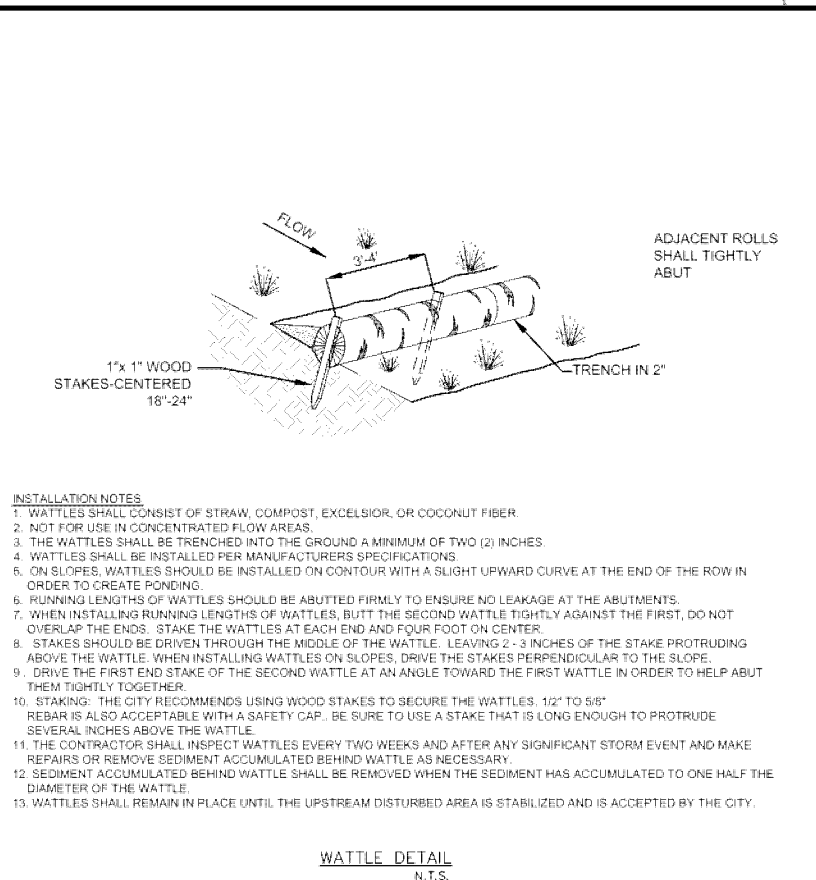
COMPOST SOCK CONNECTION/ATTACHMENT DETAIL



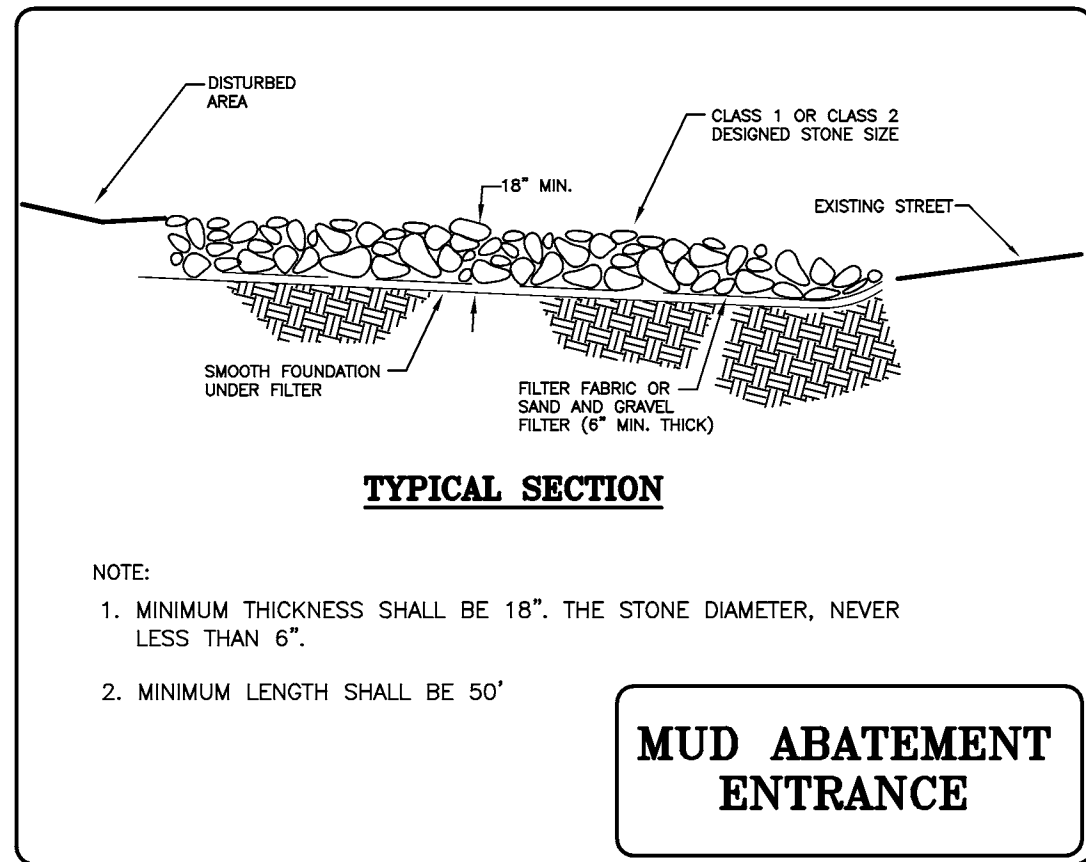
PYRAMID STAKING DETAIL

- NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS.
 2. WATTLE FILL TO MEET APPLICATION REQUIREMENTS.
 3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

CHECK DAM DETAIL



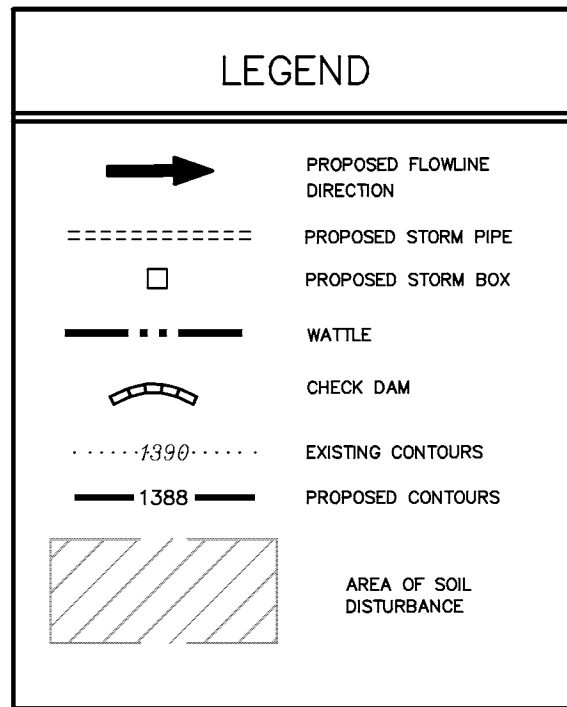
- INSTALLATION NOTES:
1. WATTLE SHALL BE CONSTRUCTED OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
 2. WATTLE SHALL BE 18 INCHES THICK AND 12 INCHES HIGH.
 3. THE WATTLE SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF TWO (2) INCHES.
 4. WATTLE SHALL BE TRENCHED BY HAND OR USING A BACKHOE.
 5. ONLY ONE WATTLE SHALL BE INSTALLED ON A CURB WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.
 6. WATTLE SHALL BE INSTALLED IN A ROW WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.
 7. WATTLE SHALL BE INSTALLED IN A ROW WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.
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 10. WATTLE SHALL BE INSTALLED IN A ROW WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.
 11. WATTLE SHALL BE INSTALLED IN A ROW WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.
 12. WATTLE SHALL BE INSTALLED IN A ROW WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.
 13. WATTLE SHALL BE INSTALLED IN A ROW WITH A SLIGHT UPWARD CURVE AT THE END OF THE ROW IN ORDER TO MAINTAIN FLOW.



TYPICAL SECTION

- NOTES:
1. MINIMUM THICKNESS SHALL BE 18". THE STONE DIAMETER, NEVER LESS THAN 6".
 2. MINIMUM LENGTH SHALL BE 50'

MUD ABATEMENT ENTRANCE



FLOOD PLAIN ZONING:

THIS PROPERTY IS NOT WITHIN THE FLOOD PLAIN ZONE, AS SHOWN ON THE F.I.R.M. MAP # 05143C0065 F, PANEL 65 OF 675, WASHINGTON COUNTY, ARKANSAS & INCORPORATED AREAS. EFFECTIVE DATE: MAY 16, 2008.

REVISION	DATE	DESCRIPTION
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STORM WATER POLLUTION PREVENTION PLAN

MATHIAS WAREHOUSES

TONTITOWN, ARKANSAS

SCALE: 1"=40' DATE: May 18, 2015 DRAWN BY: ---

ENGINEERING SERVICES, INCORPORATED
SPRINGDALE, ARKANSAS

W.O.# 15907 SHEET 6