



All drive accesses to US 412 shall have approval of AHTD.
Provide City with Copy of approved permit.

C-2

Terry W. Carpenter, P.E.
Tontitown City Engineer, February 04, 2015

NOTE:

FINISHED GRADE (FG) AS INDICATED ON THESE PLANS IS THE ELEVATION AS MEASURED TO THE TOP OF THE FINISHED SURFACE, BE THAT THE SODDED SURFACE, SEEDED SURFACE OR HARD SURFACE PAVING.

WETLAND CERTIFICATION:

NO PORTION OF THIS PROPERTY IS LOCATED WITHIN DESIGNATED WATERS OF THE UNITED STATES OR WETLANDS REQUIRING PERMITTING THROUGH THE U.S. CORPS OF ENGINEERS.



1. SELECT FILL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 9-INCHES (COMPACTED THICKNESS OF 6-7 INCHES), AT A MOISTURE CONTENT NEAR THE OPTIMUM MOISTURE CONTENT FOR THE MATERIAL.
2. SELECT FILL SHALL BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR DENSITY FOR THE MATERIAL. (STANDARD PROCTOR SHALL BE DETERMINED BY AN APPROVED SOILS TESTING PROVIDER, AND SUBMITTED TO THE ENGINEER FOR APPROVAL) BEFORE CONSTRUCTION.
3. SELECT FILL SHALL HAVE A LIQUID LIMIT OF LESS THAN 45 AND HAVE LESS THAN 35% PASSING THE #200 SIEVE.
4. DENSITY AND MOISTURE CONTENT SHALL BE PERFORMED ON EVERY LIFT AND EVERY 500 SQUARE FEET IN FILL AND PARKING AREAS, AND EVERY 2500 SQUARE FEET WITHIN BUILDING AND OUTDOOR COMPOUND AREAS.

UNDERGROUND STORMWATER PIPE UNDER PAVED AREAS SHALL BE
BACKFILLED FULL DEPTH WITH AHTD CLASS 7 BASE MATERIAL.

CONTRACTOR MAY CONSIDER SEEDED EROSION CONTROL
BLANKETS FOR STABILIZATION

GENERAL:

- CONTRACTOR SHALL INSTALL/USE ALL REQUIRED EQUIPMENT SO AS TO COMPLY WITH ALL SAFETY STANDARDS DICTATED BY OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS.
- CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANY AS LISTED ON THE COVER SHEET FOR ADJUSTMENT OF UTILITY LINES AFFECTED BY CUT AND FILL.
- AREAS TO BE GRADED SHALL BE CLEARED AND GRUBBED SO AS TO REMOVE ALL ORGANIC MATERIAL INCLUDING BUT NOT LIMITED TO TREES, BRUSH, STUMPS, ROCKS, AND 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.
- CONTRACTOR SHALL ENSURE THAT THE FILL MATERIAL BE FREE OF ORGANIC MATERIALS, SUCH AS TREES, BRUSH, HIGHLY COMPRESSIBLE MATERIALS, ROCKS, RUBBISH, TIMBER, BRUSH, STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS THAT WOULD NEGATIVELY AFFECT THE FILL MATERIAL.
- CONTRACTOR SHALL STOCK PILE AND MAINTAIN ALL GOOD TOP SOIL REMOVED FROM AREAS TO BE GRADED AND FILLED OR USE IN FINAL GRADING ALL CRITICAL UNPAVED AREAS.
- CONTRACTOR SHALL PROOF ROLL SUBGRADE OF AREAS TO BE PAVED PRIOR TO INSTALLATION OF PAVING MATERIAL. ANY HOT SPOTS SHALL BE REMOVED AND REPLACED WITH SELECT FILL AND COMPACTED AS NOTED IN THE PAVEMENT SECTION SHOWN ON THE DETAIL SHEET.
- CONTRACTOR HAS THE OPTION TO BID EITHER RCP, CMP, HDPE, OR URP. THE CONTRACTOR SHALL HAVE THE WORD "P" INDICATED, UNLESS OTHERWISE CALLED OUT.
- DESIGN OF UNDERGROUND STORM WATER SYSTEM IS BASED ON THE USE OF EITHER RCP, POLYETHYLENE ULTRA HIGH DENSITY, OR URP. A DESIGN COEFFICIENT OF 0.013 HAS BEEN ASSUMED FOR DESIGN PURPOSES. IF CONTRACTOR PROPOSES USE OF CMP, ENGINEER SHALL BE NOTIFIED BEFORE CONSTRUCTION OF UNDERGROUND STORM WATER SYSTEM TO CONFIRM APPROPRIATE PERFORMANCE.
- PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, THE CONTRACTOR SHALL NOTIFY, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND ENGINEER OF ANY CONFLICTS PRIOR CONSTRUCTION.

PRE-CONSTRUCTION:

- PRIOR TO START OF SITE GRADING, EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE TO THE STATE ONE-CALL SYSTEM A MINIMUM OF 48 HOURS PRIOR TO THE START OF ANY GRADING. MEASURES SHALL INCLUDE ALL SLOPE PROTECTION, EROSION FENCING, TEMPORARY SEDIMENT POND, TEMPORARY CONSTRUCTION ENTRANCE, AND ANY OTHER MEASURES NECESSARY TO ENSURE THAT SEDIMENT DOES NOT LEAVE THE SITE.
- PRIOR TO START OF SITE GRADING, CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES AND THE STATE ONE-CALL SYSTEM A MINIMUM OF 48 HOURS PRIOR TO THE START OF ANY GRADING. CONTRACTOR SHALL LOCATE ALL UTILITY LINES THAT WILL BE AFFECTED BY THIS DEVELOPMENT. PLEASE NOTE THAT EXISTING UTILITIES NOTED ON PLANS HAVE BEEN LOCATED WITH ALL AVAILABLE INFORMATION AND THE EXACT LOCATION OF UTILITY LINES MAY NOT BE ACCURATE.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD ON SITE PRIOR TO ANY EROSION CONTROL MEASURES BEING INSTALLED AND PRIOR TO ANY SITE GRADING CONSTRUCTION / DEMOLITION.

FLOOD_ZONE CERTIFICATION:

NO PORTION OF THIS PROPERTY IS LOCATED WITHIN
ANY ESTABLISHED 100-YEAR FLOODPLAIN, AS
DETERMINED BY THE NATIONAL FLOOD INSURANCE
PROGRAM, FLOOD INSURANCE RATE MAP FOR
WASHINGTON COUNTY, ARKANSAS AND INCORPORATED
AREAS.

MAP NUMBER: 05143C0065F
EFFECTIVE DATE: MAY 16, 2008



CERTIFICATE OF AUTHORIZATION
CIVIL DESIGN
ENGINEERS,
INC.
#1642
ARKANSAS - ENGINEER

DATE: _____

*damage prevention
is no accident*



800-482-8998
Arkansas One-Cal
www.arkonecall.com

[illegible]

PROJECT:
CASALINI COMMERCIAL RETAIL

TONTITOWN, ARKANSAS

GRADING PLAN

CITY: TONTITOWN

COUNTY: WASHINGTON

STATE: ARKANSAS

ID #: REV 0

PROJECT Nº:	1044
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SUBMITTAL DATE: 02-03-2015

DRAWING NAME:
1044projR3

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PM	FERDI FOURIE

DES	FERDI FOURIE
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SHEET No:

C3

PLOT DATE/TIME: Tuesday, February 03, 2015 8:59:10 AM FILE #J:\2007\1044 - Casa del Court, Tontitown, AR\Drawings\C3D\1044projR3.dwg