

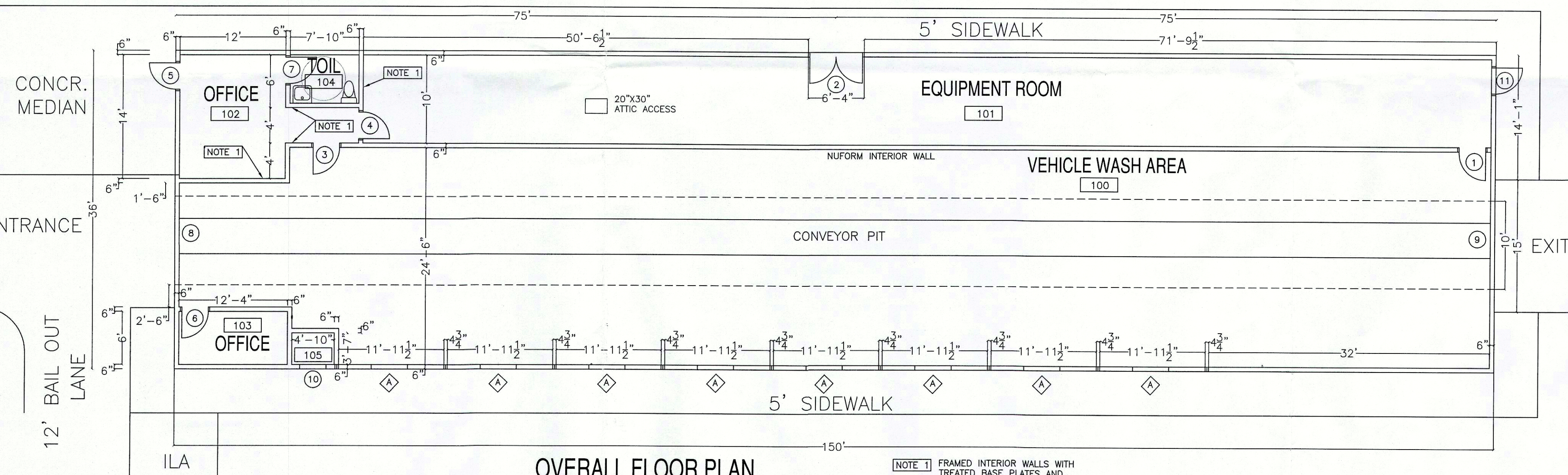
FOUNDATION PLAN

FOUNDATION GENERAL NOTES

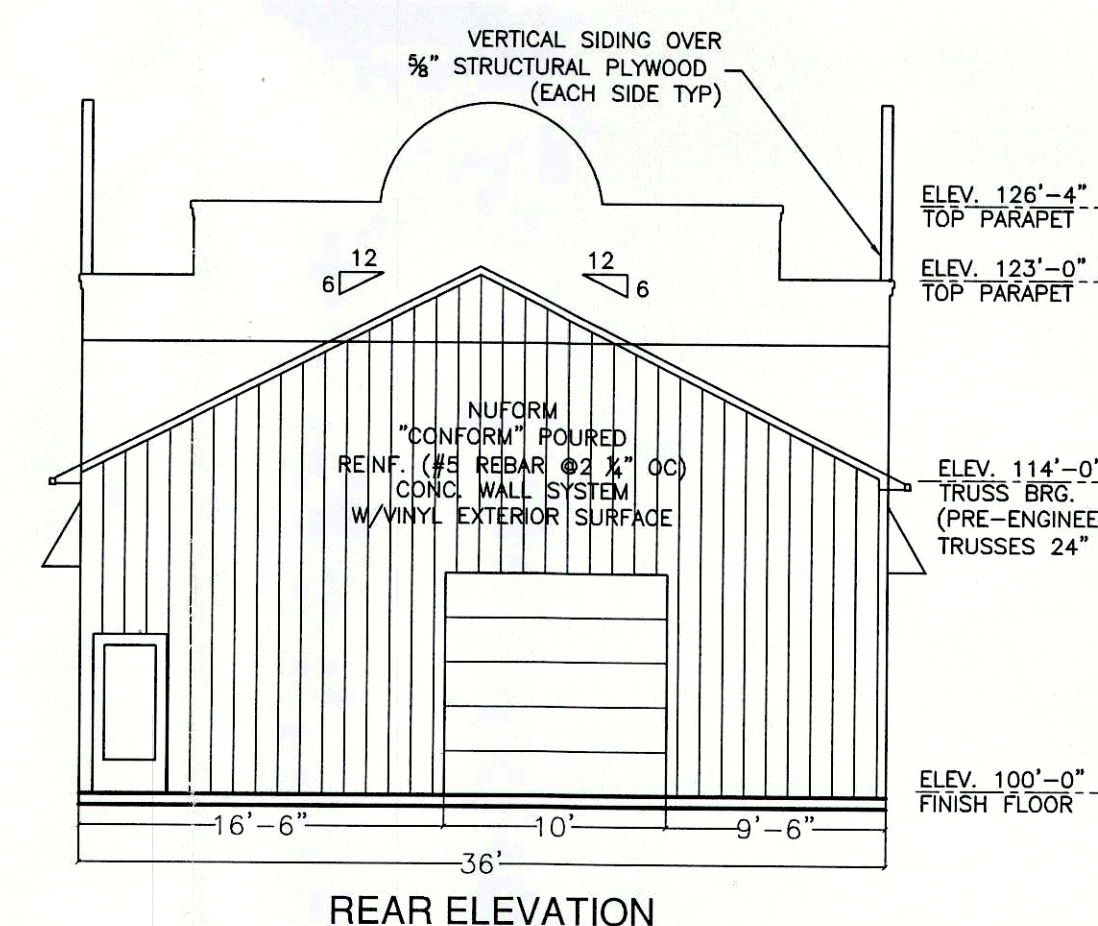
1. ALL FOOTINGS SHALL BEAR IN UNDISTURBED SOIL.
2. BOTTOM OF ALL FOOTINGS SHALL BE LOCATED 2'-0" MIN. BELOW FINISH GRADE.
3. FOUNDATION DESIGN HAS BEEN BASED ON ASSUMED SOIL BEARING CAPACITY OF 2500 PSI. NOTIFY ENGINEER IMMEDIATELY IF QUESTIONABLE OR UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED.
4. ANY OVER-EXCAVATION OCCURRING MUST BE FILLED WITH CONCRETE. DO NOT FILL EXCESS EXCAVATION WITH SOIL OR CRUSHED STONE.

SPECIFICATIONS

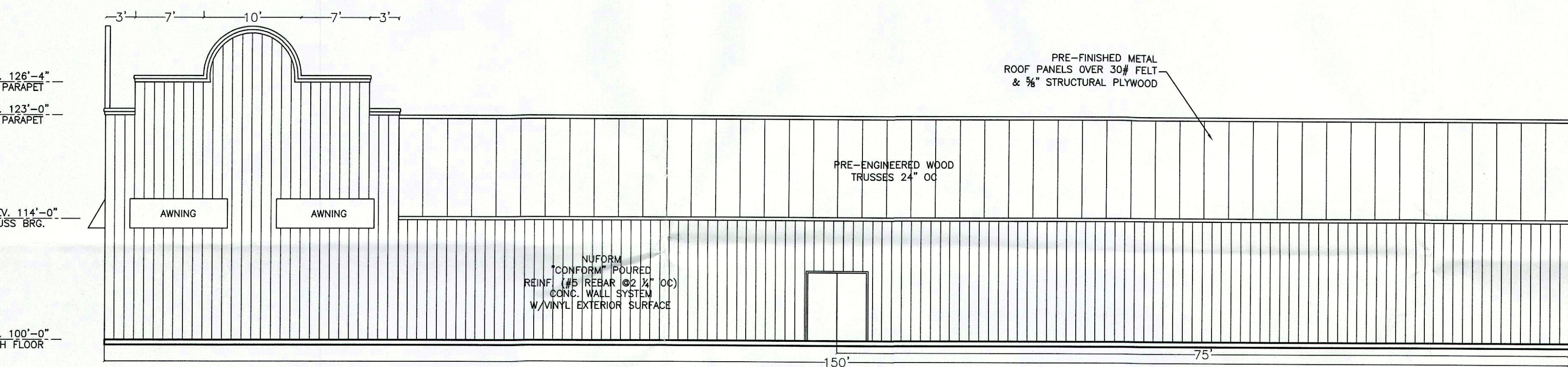
1. CONCRETE FOR FOOTINGS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH OF 2500 PSI. CONCRETE FOR FLOOR SLABS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH OF 3000 PSI. ALL CONCRETE SHALL HAVE MIN. AIR CONTENT OF 5-7%. NO ADMIXTURES OF ANY TYPE SHALL BE USED WITHOUT PRIOR APPROVAL.
2. REINFORCING STEEL SHALL BE DEFORMED BARS, GRADE 60, CONFORMING TO ASTM A-615 AND SHALL BE OF THE SIZES INDICATED ON THE DRAWINGS. PLACE REINFORCING IN LOCATIONS AND AS INDICATED ON THE DRAWINGS. LAP ALL SPLICES MIN OF 5'-0". PLACE BARS TO PROVIDE MIN. COVERAGE OF 3" AT BOTTOM OF FOOTINGS AND 2" AT SIDES OF FOOTINGS.
3. WELDED WIRE MESH REINFORCING SHALL BE A MIN. OF 6"x6", W1.2XW1.2, CONFORMING TO ASTM A-105. PLACE MESH REINFORCING IN CENTER OF SLAB. LAP MESH AT SPLICES MIN. OF 12" AND TIE WHERE INDICATED. TURN MESH DOWN INTO GRADE BEAMS.
4. ALL SLABS SHALL BE PLACED OVER .006" (MIN) THICK POLYETHYLENE VAPOR BARRIER. LAP VAPOR BARRIER MIN OF 16" AND SECURE WITH TAPE.
5. PROVIDE CRUSHED STONE BASE UNDER ALL CONCRETE SLABS. BASE SHALL BE MIN. THICKNESS OF 6" USING #57 CRUSHED STONE AND COMPACTED WITH A VIBRATORY TYPE COMPACTOR.
6. INSULATION SHALL BE 1-3/4" THICK, R-7.5 (MIN) EXTRUDED POLYSTYRENE SHEETS WHERE INDICATED ON THE DRAWINGS. INSTALL SOLID LAYER OF INSULATION ON TOP OF VAPOR BARRIER, UNDER ENTIRE SURFACE OF SLAB, AT EXTERIOR PERIMETER WALL LOCATIONS, INSTALL INSULATION BOARD ON INTERIOR SURFACE OF FOUNDATION WALL AND EXTEND INSULATION BOARD TO TOP OF FOOTING. SECURE TO WALL WITH ADHESIVE.
7. ALL INTERIOR CONCRETE FLOOR SLABS TO HAVE SMOOTH, STEEL TROWELED FINISH.
8. PROVIDE CONTROL JOINTS IN ALL SLABS AS INDICATED ON THE DRAWINGS. CONTROL JOINTS TO CONSIST OF 1" DEEP SAW CUTS. SAW ALL CONTROL JOINTS WITHIN 24 HOURS OF CONCRETE PLACEMENT.
9. USE LIQUID MEMBRANE TYPE CURING COMPOUND ON ALL SLABS. CURING COMPOUND SHALL CONFORM TO ASTM C-305, TYPE D-1. APPLY BY SPRAY OR ROLLER AS SOON AS BLEED WATER HAS DISAPPEARED.
10. CONSTRUCT FOUNDATION WALLS OF CONCRETE OF SIZES AND SHAPES INDICATED ON THE DRAWINGS.
11. PRIOR TO PLACEMENT OF UNDER SLAB CRUSHED STONE AND PERIMETER INSULATION, TREAT ENTIRE AREA UNDER ALL SLABS AND AROUND ENTIRE PERIMETER OF FOUNDATION WITH BARRIER TYPE LIQUID COMPOUND. COMPOUND UTILIZED MUST CONFORM TO ALL APPLICABLE GOVERNMENTAL STANDARDS AND REGULATIONS. APPLICATOR SHALL PROVIDE WRITTEN GUARANTEE PROTECTING AGAINST INFESTATION FOR A MINIMUM PERIOD OF TEN YEARS.



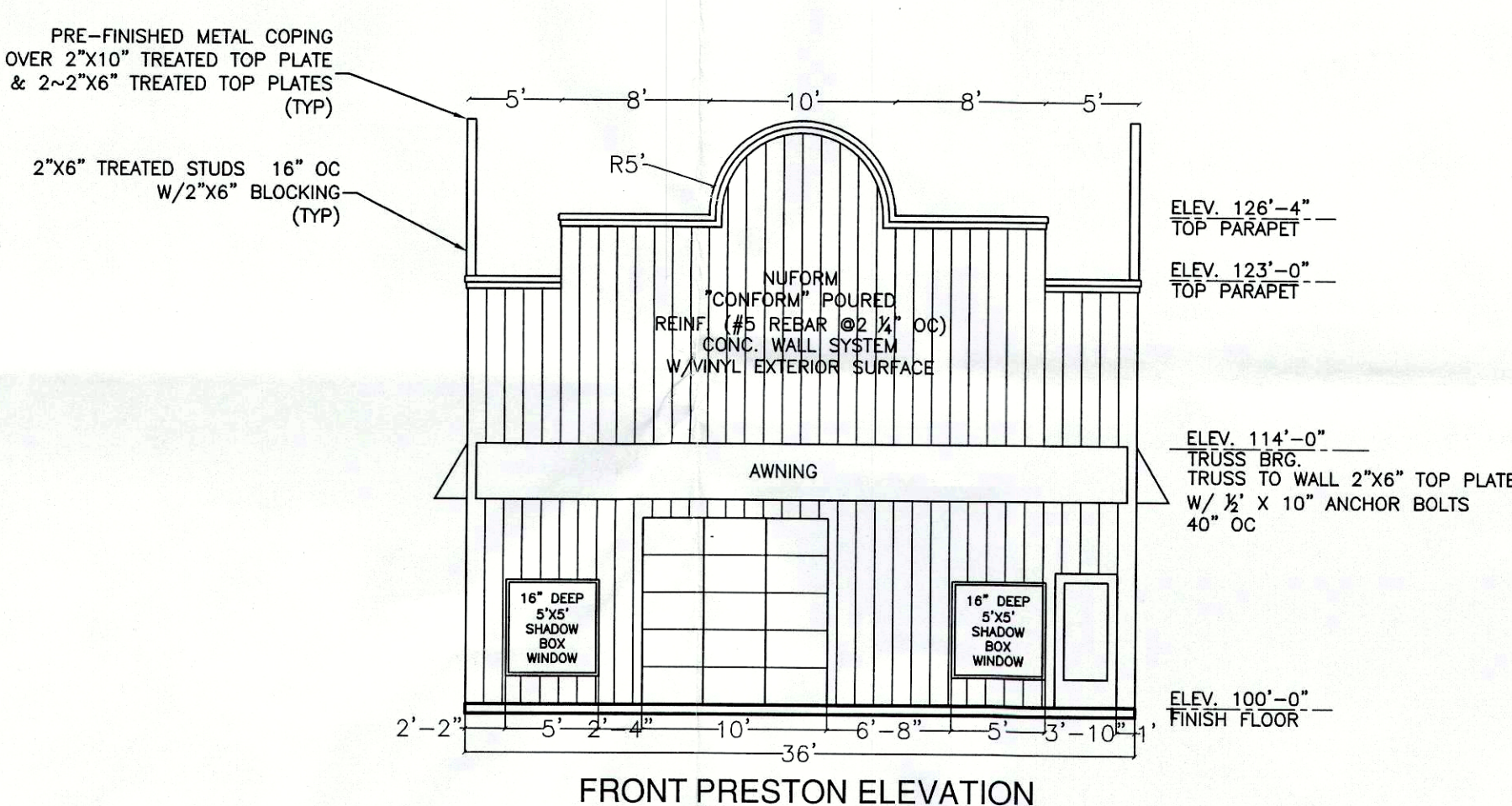
OVERALL FLOOR PLAN



REAR ELEVATION



NORTH SIDE ELEVATION



FRONT PRESTON ELEVATION

ENGINEERS NOTES

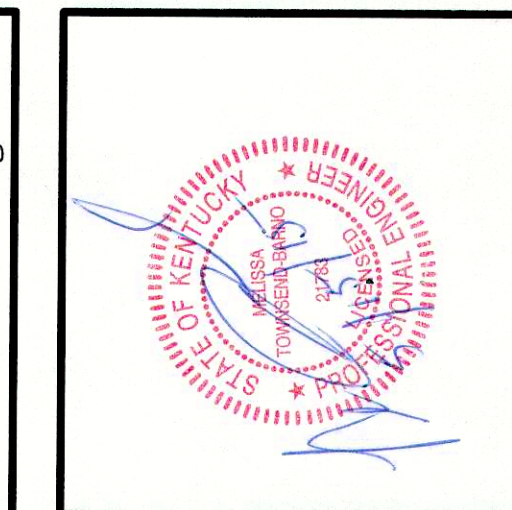
1. FOUNDATION DESIGN HAS BEEN BASED ON ASSUMED SOIL BEARING CAPACITY OF 2500 PSI. NOTIFY ENGINEER IMMEDIATELY IF QUESTIONABLE OR UNSUITABLE SOIL CONDITIONS ARE ENCOUNTERED.
2. INFORMATION SHOWN HEREON COMPILED FROM INFORMATION PROVIDED BY OWNER. ENGINEER ASSUMES NO RESPONSIBILITY OR LIABILITY FOR DESIGN COMPLETED BY OTHERS.

RECEIVED

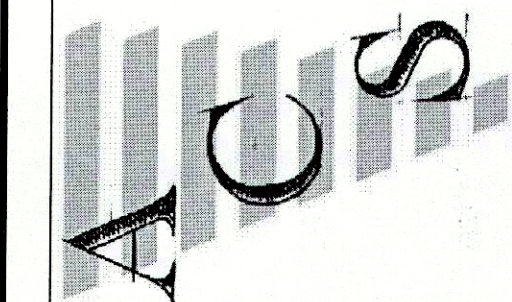
MAY 21 2015
PLANNING &
DESIGN SERVICES

#Cat 28
#2-9-15

REVISION BLOCK		
NO.	DATE	DESCRIPTION
1	5/15/15	PLANNING COMMENTS
2	5/15/15	BUILDING COMMENTS
3		
4		
5		
6		



Advanced Civil Solutions, PLLC
128 Shelton Road
Radcliff, Kentucky 40160
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email: mtownsendeng@twc.com



JIM'S EXPRESS CARWASH
8408 PRESTON HIGHWAY AND 4208/4211 TRIO AVENUE, LOUISVILLE, JEFFERSON COUNTY

BUILDING LAYOUT, FOUNDATION, DETAILS, ELEVATIONS AND NOTES

OWNER:
JIM'S EXPRESS CAR WASH, LLC
195 WYNDY PLACE
VINE GROVE, KY 40175
270.352.9594

DEVELOPER:
JIM'S EXPRESS CAR WASH, LLC
195 WYNDY PLACE
VINE GROVE, KY 40175
270.352.9594

DRAWN BY: MAT	CHECKED BY:
DATE: 12/26/14	SCALE: AS SHOWN
AREA: 1.268ACRES	
DRAWING: LOUISVILLE/DP	
PVA #: 065100230000&065104410000	
SHEET 1 of 2	