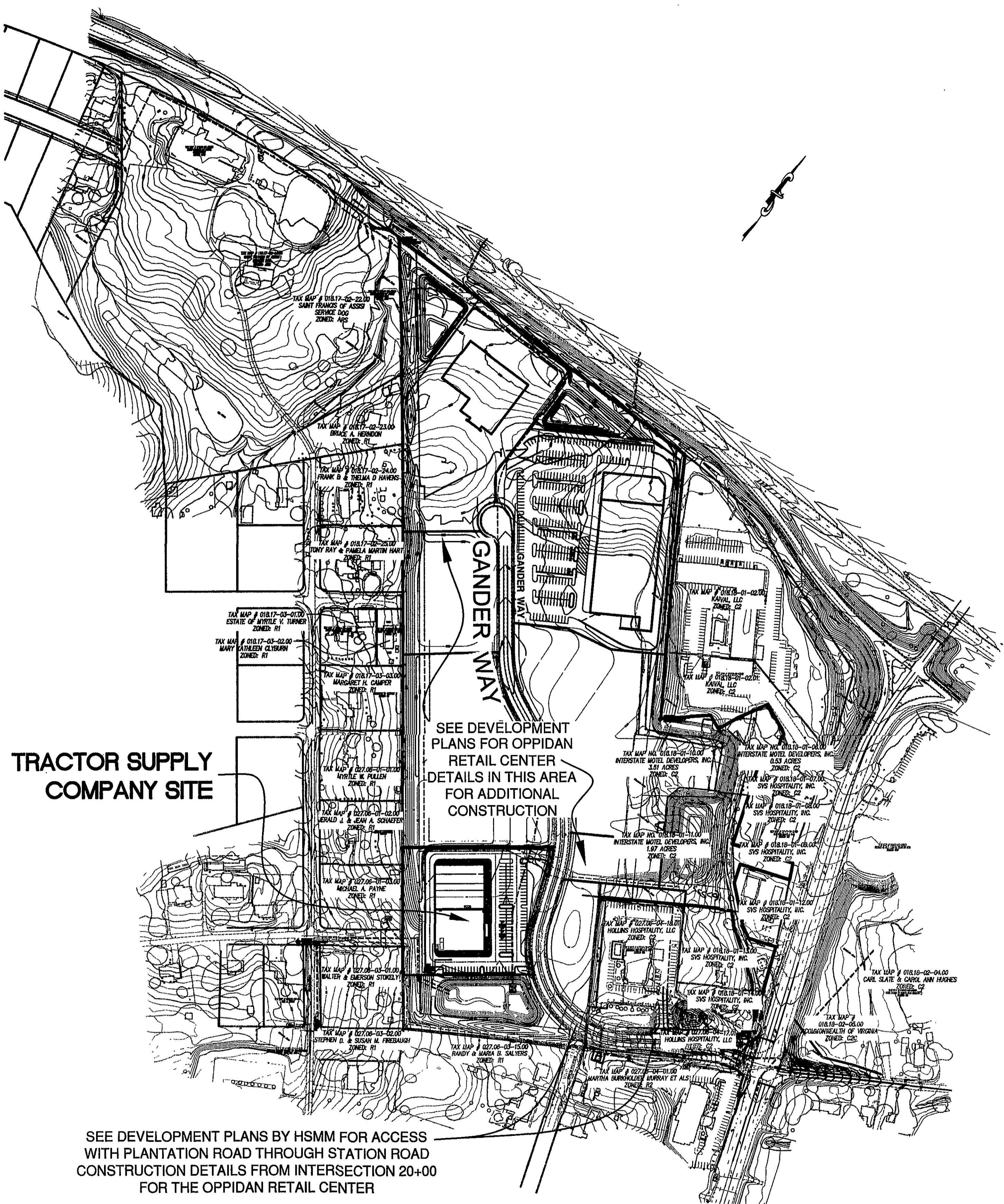


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VIRGINIA DEPARTMENT OF TRANSPORTATION NOTES:

- 1. QUALITY CONTROL**

STREETS TO BE GRADED, PAVED AND ALL STRUCTURAL COMPONENTS ERECTED IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS AND ROAD DESIGN STANDARDS AND ROANOKE COUNTY DESIGN STANDARDS AND SPECIFICATIONS. ALL MATERIALS USED SHALL BE TESTED IN ACCORDANCE WITH STANDARD POLICIES. THE DEVELOPER MUST CONTACT THE OFFICE OF THE RESIDENT ENGINEER, PRIOR TO BEGINNING ANY CONSTRUCTION AT WHICH TIME AN INSPECTION AND TESTING PROCEDURE POLICY WILL BE DRAWN. THE DEVELOPER WILL PRODUCE TEST REPORTS FROM APPROVED INDEPENDENT LABORATORIES AT THE DEVELOPER'S EXPENSE.

THE SUBGRADE MUST BE APPROVED BY VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO PLACEMENT OF THE BASE. BASE MUST BE APPROVED BY VIRGINIA DEPARTMENT OF TRANSPORTATION FOR DEPTH, TEMPLATE AND COMPACTION BEFORE SURFACE IS APPLIED.
- 2. UTILITIES**

ALL NECESSARY UTILITY LATERALS ALONG WITH PROVISIONS FOR CONDUITS (I.E. WATER, SEWER, STORM, GAS AND TELEPHONE) WILL BE CONSTRUCTED PRIOR TO PLACEMENT OF BASE MATERIAL.

GAS OR PETROLEUM TRANSMISSION LINES WILL NOT BE PERMITTED WITHIN THE PAVEMENT OR SHOULDER ELEMENT (BACK OF CURB TO BACK OF CURB) OF THIS DEVELOPMENT. SERVICE LATERALS CROSSING AND PIPE LINES LOCATED OUTSIDE THE PAVEMENT BUT INSIDE THE RIGHT OF WAY WILL BE CONSTRUCTED IN CONFORMITY WITH ASA B 31.8 SPECIFICATIONS AND SAFETY REGULATIONS. DISTRIBUTION LINES WITH PRESSURES LESS THAN 120 LBS. ARE UNAFFECTED BY THE ABOVE.

PERMITS WILL BE REQUIRED FOR ALL UTILITIES WITHIN STREET RIGHT OF WAY PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM. ANY EASEMENTS GRANTED TO A UTILITY COMPANY FOR PLACEMENT OF POWER, TELEPHONE, ETC. MUST BE RELEASED PRIOR TO ACCEPTANCE.
- 3. PRIVATE ENTRANCES**

STANDARD CG-11 WITH OPTIONAL FLOWLINE WILL BE PROVIDED AT ALL ENTRANCES TO PRIVATE LOTS WHERE STANDARD CG-6 CURB AND GUTTER IS APPROVED FOR USE.

DRIVEWAYS CONNECTING TO ROADS WITHOUT CURB & GUTTER SHALL CONFORM TO THE PAVEMENT, SHOULDER & SLOPE.

PERMITS WILL BE REQUIRED FOR ALL PRIVATE ENTRANCES CONSTRUCTED ON STREET RIGHTS OF WAY AFTER ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM.

ALL PRIVATE ENTRANCES WITHIN THE RIGHT-OF-WAY AREA SHOULD NOT EXCEED EIGHT PERCENT (8%) MAXIMUM GRADE.
- 4. EROSION CONTROL AND LANDSCAPING**

CARE MUST BE TAKEN DURING CONSTRUCTION TO PREVENT EROSION, DUST AND MUD FROM DAMAGING ADJACENT PROPERTY, CLOGGING DITCHES, TRACKING PUBLIC STREETS AND OTHERWISE CREATING A PUBLIC OR PRIVATE NUISANCE TO SURROUNDING AREAS.

THE ENTIRE CONSTRUCTION AREA INCLUDING DITCHES, CHANNELS, BACK OF CURBS AND OR PAVEMENT ARE TO BE BACKFILLED AND SEEDED AT THE EARLIEST POSSIBLE TIME AFTER FINAL GRADING.

DRAINAGE EASEMENTS MUST BE DEFINED BY EXCAVATED DITCHES OR CHANNELS FOR THEIR FULL LENGTH TO WELL DEFINED EXISTING NATURAL WATERCOURSES.

THE ROAD WILL BE REVIEWED DURING CONSTRUCTION FOR THE NEED OF PAVED DITCHES. IF EROSION IS ENCOUNTERED IN ANY DRAINAGE EASEMENT, IT WILL BE THE RESPONSIBILITY OF THE DEVELOPER TO SOD, RIP RAP, GROUT, PAVE OR TO DO WHATEVER IS NECESSARY TO CORRECT THE PROBLEM.

ALL VEGETATION AND OVERBURDEN TO BE REMOVED FROM SHOULDER TO SHOULDER PRIOR TO THE CONDITIONING (CUTTING AND/OR PREPARATION) OF THE SUBGRADE.
- 5. INTERSECTION PAVEMENT RADIUS**

MINIMUM PAVEMENT RADIUS OF 25 FEET IS REQUIRED AT ALL STREET INTERSECTION.
- 6. CONNECTIONS TO STATE-MAINTAINED ROADS**

WHILE THESE PLANS HAVE BEEN APPROVED, SUCH APPROVAL DOES NOT EXEMPT CONNECTIONS WITH EXISTING STATE-MAINTAINED ROADS FROM CRITICAL REVIEW AT THE TIME PERMIT APPLICATIONS ARE MADE. THIS IS NECESSARY IN ORDER THAT THE PREVAILING CONDITIONS BE TAKEN INTO CONSIDERATION REGARDING SAFETY ACCOMPANIMENTS SUCH AS TURNING LANES.
- 7. GUARDRAILS**

STANDARD GUARDRAIL WITH SAFETY END SECTIONS MAY BE REQUIRED ON FILLS AS DEEMED NECESSARY BY THE RESIDENT ENGINEER. AFTER COMPLETION OF ROUGH GRADING OPERATIONS, THE OFFICE OF THE RESIDENT ENGINEER, SHALL BE NOTIFIED SO THAT A FIELD REVIEW MAY BE MADE OF THE PROPOSED LOCATIONS.

WHERE GUARDRAILS ARE TO BE INSTALLED THE SHOULDER WIDTH SHALL BE INCREASED IN ACCORDANCE WITH VDOT ROAD AND BRIDGE STANDARDS.
- 8. STORM DRAINAGE**

FIELD REVIEW WILL BE MADE DURING CONSTRUCTION TO DETERMINE THE NEED AND LIMITS OF PAVED DITCHES AND/OR DITCH STABILIZATION TREATMENTS, AND TO DETERMINE THE NEED AND LIMITS OF ADDITIONAL DRAINAGE EASEMENTS. ALL DRAINAGE EASEMENTS MUST BE CUT AND MADE TO FUNCTION TO A NATURAL WATERCOURSE. ANY EROSION PROBLEMS ENCOUNTERED IN AN EASEMENT MUST BE CORRECTED BY WHATEVER MEANS NECESSARY PRIOR TO SUBDIVISION ACCEPTANCE.

DITCH SLOPES ARE TO BE FOUR TO ONE (4:1) FOR SHOULDER WIDTHS OF SIX FEET (6') OR GREATER AND THREE TO ONE (3:1) FOR SHOULDER WIDTHS OF FOUR FEET (4') OR FIVE FEET (5'), UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- 9. ENTRANCE PERMIT**

CONTRACTOR SHALL OBTAIN ENTRANCE PERMIT TO THE EXISTING VIRGINIA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY FROM RESIDENT ENGINEER PRIOR TO ROAD CONSTRUCTION.
- 10. INSPECTION**

AN INSPECTOR WILL NOT BE FURNISHED EXCEPT FOR PERIODIC PROGRESS INSPECTION, THE ABOVE MENTIONED FIELD REVIEWS AND CHECKING FOR REQUIRED STONE DEPTHS. THE DEVELOPER WILL BE REQUIRED TO POST A SURETY TO GUARANTEE THE ROAD FREE OF DEFECTS FOR ONE YEAR AFTER ACCEPTANCE BY THE DEPARTMENT OF TRANSPORTATION.
- 11. STREET MAINTENANCE**

THE STREETS MUST BE PROPERLY MAINTAINED UNTIL ACCEPTANCE. AT SUCH TIME AS ALL REQUIREMENTS HAVE BEEN MET FOR ACCEPTANCE, ANOTHER INSPECTION WILL BE MADE TO DETERMINE THAT THE STREET HAS BEEN PROPERLY MAINTAINED.
- 12. UNDERGROUND UTILITIES**

CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK BY CONTACTING MISS UTILITY. CONTACT SITE ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLANS. IF THERE APPEARS TO BE A CONFLICT, AND UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL "MISS UTILITY" OF CENTRAL VIRGINIA AT 1-800-552-7001.
- 13. REVISIONS OF SPECIFICATIONS AND STANDARDS**

APPROVAL OF THESE PLANS WILL BE BASED ON SPECIFICATIONS AND STANDARDS IN EFFECT AT THE TIME OF APPROVAL AND WILL BE SUBJECT, UNTIL COMPLETION OF THE ROADWAY AND ACCEPTANCE BY THE DEPARTMENT, TO FUTURE REVISIONS OF THE SPECIFICATIONS AND STANDARDS.

SITE AND ZONING TABULATIONS

CURRENT ZONING: C2CS, TAX MAP NO. 018.18-01-11.00-0000
PROPOSED USE: MIXED COMMERCIAL DEVELOPMENT
SITE ACREAGE: 3.576 AC.
MINIMUM LOT AREA REQUIRED: 15,000 S.F.
MINIMUM FRONTAGE REQUIRED: 75'
MINIMUM REQUIRED SETBACKS:
FRONT: 30' OR 20' WHEN ALL PARKING IS LOCATED BEHIND THE FRONT BUILDING LINE
REAR: 15' PRINCIPAL STRUCTURES, 3' ACCESSORY STRUCTURES
SIDE YARD: NONE
MAXIMUM HEIGHT ALLOWED: 21'-4"
FOR PRINCIPAL STRUCTURES, UNLIMITED EXCEPT WHEN ADJOINING PROPERTY ZONED R-1 OR R-2 WHERE THE MAXIMUM HEIGHT SHALL BE 45 FEET INCLUDING ROOFTOP MECHANICAL EQUIPMENT. THE MAXIMUM HEIGHT MAY BE INCREASED PROVIDED EACH REQUIRED SIDE AND REAR YARD ADJOINING THE R-1 OR R-2 DISTRICT IS INCREASED TWO FEET FOR EACH FOOT IN HEIGHT OVER 45 FEET. FOR ACCESSORY STRUCTURES, ACTUAL HEIGHT OF PRINCIPAL STRUCTURE.
PROPOSED BUILDING HEIGHT: 21'-4"
MAXIMUM BUILDING COVERAGE: 50%
PROPOSED BUILDING COVERAGE: 12.1%
MAXIMUM LOT COVERAGE: 90%
PROPOSED LOT COVERAGE: 72.4%
EXISTING PROFFERED CONDITIONS FROM THE REZONING THAT TOOK EFFECT ON MARCH 27, 1990 BY ORDINANCE #32790-9:
1. BUILDING HEIGHT NO MORE THAN FOUR STORIES, EXCLUDING STEEPLES AND BELL TOWERS.
2. LIGHTING NOT TO EXCEED ONE FOOT CANDLE MEASURED AT PROPERTY LINE OF ANY OF THE ADJOINING SINGLE-FAMILY RESIDENCES.
3. BUFFER ZONE TO BE 50 FEET ADJACENT TO BACK SIDE RESIDENTIAL AREA.
4. EXCLUSION OF THE FOLLOWING PERMITTED USES: COMMERCIAL KENNELS AND VETERINARIAN HOSPITALS, FREESTANDING DANCE HALLS AND BILLIARD PARLORS, FLEA MARKET, FREESTANDING USED CAR DEALERSHIP, AND FREESTANDING LAUNDRY/DRY CLEANERS.
5. ACCESS TO THE PROPERTY FOR THE CHURCH SHALL BE FROM CARVIN STREET AND/OR PLANTATION ROAD. ACCESS TO THE PROPERTY FOR ANY OTHER COMMERCIAL USE SHALL BE ONLY FROM PLANTATION ROAD.
SPECIAL USE PERMIT PROFFERED CONDITIONS AS APPROVED BY THE ROANOKE COUNTY BOARD OF SUPERVISORS ON FEBRUARY 27, 2007 (ORDINANCE #022707-0):
1. THE SITE SHALL BE DEVELOPED IN SUBSTANTIAL CONFORMANCE WITH THE OPPIDAN RETAIL CENTER OVERALL DEVELOPMENT PLAN, PREPARED BY LUMSDEN ASSOCIATES, P.C., DATED FEBRUARY 5, 2007.
2. THE BUILDING ELEVATIONS SHALL BE IN SUBSTANTIAL CONFORMANCE WITH THE GANDER MOUNTAIN EXTERIOR ELEVATIONS, PREPARED BY OPPIDAN INVESTMENT COMPANY, DATED FEBRUARY 2007.
3. TYPE C, OPTION 1 LANDSCAPING SHALL BE INSTALLED IN THE ENTIRE 50 FOOT BUFFER YARD DURING THE FIRST OPPORTUNITY PLANTING SEASON AFTER COMPLETION OF FINAL GRADING. THE BUFFER YARD: A SIX FOOT HIGH BERM SHALL BE CONSTRUCTED WITHIN THE BUFFER YARD, WITH LANDSCAPE PLANTINGS ON THE BERM.

GENERAL NOTES

- THE PROPERTY SHOWN ON THESE PLANS IS LOCATED ON A PORTION OF ROANOKE COUNTY TAX ASSESSMENT MAP NUMBER 018.18-01-11.00.
- OWNER/DEVELOPER: KTJ LIMITED PARTNERSHIP ONE HUNDRED SEVENTY SEVEN (ATTN: LARRY BARRETT) 5125 COUNTY ROAD 101, #100 MINNETONKA, MN 55345 (952) 294-1245
- THE BOUNDARY IS THE DIRECT RESULT OF A FIELD SURVEY BY LUMSDEN ASSOCIATES, P.C. DATED 2006.
- TOPOGRAPHY DATA BASED ON AERIAL MAPPING BY OTHERS AND UPDATED WITH A FIELD SURVEY 2006 LUMSDEN ASSOCIATES, P.C. IN 2006.
- A TITLE REPORT WAS NOT FURNISHED FOR THIS PROPERTY.
- THE DEVELOPMENT SHOWN ON THESE PLANS SHALL BE SERVED BY WESTERN VIRGINIA WATER AUTHORITY WATER AND SANITARY SEWER.
- THE PROPERTY ON THESE PLANS SHALL BE ACCESSED BY PUBLIC ROADS.
- A 10' LANDSCAPE BUFFER IS REQUIRED ADJACENT TO THE PUBLIC RIGHT OF WAY AND TO NEW PARKING AREAS.
- ALL EXTERIOR LIGHTS SHALL BE DESIGNED, ARRANGED, AND LOCATED SO AS NOT TO DIRECT GLARE ON ADJACENT RESIDENTIAL PROPERTIES OR RIGHT OF WAYS. THE MAXIMUM LIGHTING DENSITY AT RESIDENTIAL ZONED ADJOINING PROPERTIES SHALL NOT EXCEED 0.5 FOOT CANDLES.
- ANY PRIVATE SIGNS SHALL BE SET A MINIMUM OF 15 FEET OFF THE RIGHT OF WAY. A SEPARATE SIGN PERMIT WILL BE REQUIRED FOR ANY EXTERIOR SIGNAGE AND COMPLY WITH THE REQUIREMENTS OF ROANOKE COUNTY ZONING ORDINANCE SECTION 30-93.
- NO CONSTRUCTION/FIELD REVISIONS ARE ALLOWED WITHOUT THE APPROVAL OF THE CONSULTING ENGINEER, ROANOKE COUNTY, THE WESTERN VIRGINIA WATER AUTHORITY AND/OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION.
- ANY NEW ALIGNMENTS, CHANGES IN GRADES, ALTERNATE PIPE SIZES, MANHOLES, OR ESC MEASURES WILL BE A NEW SET OF PLANS STAMPED BY THE CONSULTING ENGINEER. COUNTY ENGINEERS WILL REVIEW PLANS WITHIN ONE DAY OF SUBMITTAL. PLAN SHEETS CAN BE 8.5 x 11 IF THE INFORMATION IS LEGIBLE AND WITHIN THE LIMITS OF THE APPROVED PLANS.
- ANY TOPOGRAPHIC CHANGES FROM THE APPROVED PLANS MAY REQUIRE ADDITIONAL DRAINAGE STRUCTURES AND EASEMENTS AS DEEMED NECESSARY BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION AND ROANOKE COUNTY.
- ANY DEVIATIONS BETWEEN THE PROPOSED CONTOURS AND PLANS AND THE AS BUILT CONDITIONS MAY REQUIRE ADDITIONAL DRAINAGE STRUCTURES AND EASEMENTS. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO CLEAN OUT THE EXISTING STORM SEWER SYSTEM WITHIN EXISTING DEVELOPMENTS SHOULD THESE SYSTEMS BECOME SILTED OR BLOCKED IN ANY WAY DUE TO THE CONSTRUCTION OF THIS PROPOSED DEVELOPMENT.

CONSTRUCTION NOTES

- A PERMIT MUST BE OBTAINED FROM THE VDOT SALEM RESIDENCY OFFICE PRIOR TO CONSTRUCTION IN THE HIGHWAY RIGHT-OF-WAY.
- ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT COUNTY OF ROANOKE STANDARDS AND SPECIFICATIONS AND THE CURRENT EDITION OF VDOT'S ROAD AND BRIDGE STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER AND THE ENGINEER OF ANY CHANGES OR CONDITIONS ATTACHED TO PERMITS OBTAINED FROM ANY AUTHORITY ISSUING PERMITS.
- SEE GEOTECHNICAL REPORT FOR SUBSURFACE SOIL AND ROCK INFORMATION BY GEOTECHNICS, INC. DATED 3/09/2007.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO STARTING CONSTRUCTION.
- ALL WATER CONNECTIONS TO EXISTING LINES SHALL BE COORDINATED WITH AND PERFORMED BY THE WESTERN VIRGINIA WATER AUTHORITY.
- ALL SANITARY SEWER CONNECTIONS TO EXISTING LINES SHALL BE PERFORMED BY THE CONTRACTOR WITH A WESTERN VIRGINIA WATER AUTHORITY INSPECTOR ON-SITE.
- SEE VDOT ROAD AND BRIDGE STANDARDS FOR CONCRETE CURB AND STORM DRAINAGE DETAILS.
- THE CONTRACTOR AND OR OWNER SHALL PROVIDE A STORAGE CONTAINER FOR TEMPORARY STORAGE AND DISPOSAL OF LAND CLEARANCE DEBRIS AND BUILDING MATERIALS. ON-SITE BURIAL OF MATERIAL SHALL NOT BE PERMITTED.

GRADING NOTES

- AREAS TO BE GRADED SHALL BE CLEARED OF ALL VEGETATION, STRUCTURES, AND OTHER PHYSICAL FEATURES IN PREPARATION OF GRADING OR AS SPECIFIED BY GEOTECHNICAL ENGINEER/REPORT.
- TOPSOIL SHALL BE REMOVED FROM THE CLEARED AREA AND STOCKPILED FOR FUTURE USE OR AS SPECIFIED BY GEOTECHNICAL ENGINEER/REPORT.
- FILL MATERIAL SHALL BE FREE FROM ORGANIC MATTER OR AS SPECIFIED BY GEOTECHNICAL ENGINEER/REPORT AND ROCKS LARGER THAN 6 INCHES IN DIAMETER OR AS SPECIFIED BY GEOTECHNICAL ENGINEER/REPORT.
- FILL MATERIAL SHALL BE PLACED AND COMPACTED IN EIGHT (8) INCH LOOSE LIFTS AND COMPACTED TO AT LEAST NINETY-FIVE (95) PERCENT OF THE MATERIAL'S MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, STANDARD PROCTOR OR AS SPECIFIED BY GEOTECHNICAL ENGINEER/REPORT. MAINTAIN MOISTURE CONTENT OF FILL MATERIAL WITHIN THREE (3) PERCENT OF OPTIMUM TO ATTAIN REQUIRED COMPACTION DENSITY OR AS SPECIFIED BY GEOTECHNICAL ENGINEER/REPORT.
- A QUALIFIED GEOTECHNICAL ENGINEER, LICENSED IN THE STATE OF VIRGINIA, SHOULD BE CONSULTED CONCERNING SOIL STABILITY, SLOPE STABILIZATION, SOIL COMPACTION, TESTING, AND OTHER SOIL CHARACTERISTICS. LUMSDEN ASSOCIATES ASSUMES NO RESPONSIBILITY OR LIABILITY RELATING TO FAILURES RESULTING FROM SAME.

LUMSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA

4664 BRANBLETON AVENUE
P.O. BOX 20669
ROANOKE, VIRGINIA 24018
PHONE: (540) 774-4411
FAX: (540) 772-9445
E-MAIL: MAIL@LUMSDENPC.COM

COMMONWEALTH OF VIRGINIA
THOMAS C. DALE
Lic. No. 033002
1/3/08
PROFESSIONAL ENGINEER

OVERALL SITE
LAYOUT AND
GENERAL NOTES

TRACTOR SUPPLY COMPANY
AT GANDER MOUNTAIN PLAZA
PREPARED FOR
TCI ARCHITECTS/ENGINEERS/CONTRACTOR
HOLLINS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

REVISIONS	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		
	5		

DATE: January 3, 2008
SCALE: 1" = 200'
COMMISSION NO: 2007-273
SHEET 3 OF 12