NOVEMBER 14, 2006.

REAR: 15

PROJECT LOCATION: CITY OF ROANOKE, VIRGINIA

- 2. TAX PARCEL NUMBER: 1360301 ZONING DISTRICT: R-7 RESIDENTIAL SINGLE FAMILY DISTRICT
- 3. LEGAL REFERENCE: DB 221, PG370 PLAN No. 4540 (CITY OF ROANOKE)
- PLAN No. 6399-E. (CITY OF ROANOKE) 4. BOUNDARY INFORMATION PROVIDED BY: GAY AND NEEL, INC. ON
- 5. TOTAL AREA: 1.851 AC.(80,612 SQ. FT.) TOTAL NUMBER OF LOTS=8
  TOTAL AREA: LOTS 1-8: 1.700 AC. TOTAL TO BE DEDICATED FOR ROW: 0.151 AC. **BUILDING SETBACKS:** FRONT: 20' (SUBJECT TO INFILL RULE)

PAVEMENT, UNLESS OTHERWISE NOTED.

- SIDE: 4' MINIMUM; 10' COMBINED MINIMUM 6. DISTANCES AND RADII REFERRED TO ARE TO THE EDGE OF
- 7. CONTRACTOR SHALL CALL "MISS UTILITY" AT 1-800-552-7001 AT LEAST 48 HOURS PRIOR TO ANY EARTHWORK BEGINNING.
- B. A PRE-CONSTRUCTION MEETING WITH THE CITY WILL BE HELD PRIOR TO CONSTRUCTION.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS BEFORE BEGINNING CONSTRUCTION. THE OWNER IS RESPONSIBLE FOR PROVIDING THE STORMWATER POLLUTION PREVENTION PLAN AND OBTAINING THE PERMIT.
- 10. ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH CITY OF ROANOKE STANDARDS AND SPECIFICATIONS.
- 11. UNLESS SHOWN OR SPECIFIED OTHERWISE, METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH YOOT ROAD AND BRIDGE STANDARDS LATEST EDITION.
- 12. CONTRACTOR SHALL COORDINATE INSTALLATION OF PERMANENT ELECTRICAL SERVICE, TELEPHONE SERVICE, GAS SERVICE AND
- 13. ALL UTILITIES WILL BE VISUALLY INSPECTED BY THE CITY'S INSPECTOR PRIOR TO BACKFILLING THE TRENCHES, INCLUDING ALL
- 14. ALL UTILITIES TO BE MAINTAINED BY THE CITY SHALL BE WITHIN DEDICATED RIGHTS-OF-WAY OR EASEMENTS.
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING
- 16. ALL NEW UTILITIES SHALL BE UNDERGROUND INSTALLATION.
- 17. ALL ACTIVITIES IN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO VDOT WORK AREA PROTECTION MANUAL (MOST RECENT EDITION)
- 18. PAVEMENT WORK WITHIN THE RIGHT-OF-WAY REQUIRES THE A. SUBGRADE PRIOR TO PLACEMENT OF BASE STONE BASE STONE PRIOR TO PLACEMENT OF PAVEMENT
- 19. RIGHT-OF-WAY, LOT LINES AND EASEMENTS ARE DEDICATED ON PLATS SEPARATE FROM THESE PLANS.
- 20. OWNER IS RESPONSIBLE FOR OBTAINING AN APPROVED E&S/STORM WATER POLLUTION PREVENTION PLAN FOR ANY OFFSITE GRADING AND FOR OBTAINING AN APPROVED EROSION AND SEDIMENT CONTROL PLAN AND STORM WATER POLLUTION Prevention plan before offsite grading can begin.
- 21. A FIELD REVIEW SHALL BE MADE BY THE CITY DURING CONSTRUCTION TO DETERMINE THE ADEQUACY OF CHANNELS AND DITCHES AS CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLAN. IN THE EVENT OF SCOUR AND EROSION, THE OWNER SHALL INSTALL ADDITIONAL MEASURES AS DETERMINED AND
- 22. THE OWNER/DEVELOPER LISTED ABOVE AND ANY SUCCESSIVE LOT OWNER DEVELOPING AN INDIVIDUAL LOT SHALL BE SUBJECT TO ALL FEDERAL, STATE AND LOCAL PERMIT REQUIREMENTS.
- 23. MINIMUM PAVEMENT IN RIGHT OF WAY TO BE 6" 21-B, 2" SM-9.5 ASPHALT.
- 24. THE SUBJECT PROPERTY IS NOT LOCATED WITHIN A F.E.M.A. DESIGNATED 100-YEAR FLOOD ZONE. THE SUBJECT PROPERTY LIES WITHIN ZONE "X" AS SHOWN ON F.I.R.M. COMMUNITY PANEL 511610044 D, EFFECTIVE DATE OF OCTOBER 15, 1993. THIS DETERMINATION HAS BEEN MADE BY GRAPHIC METHODS. NO ELEVATION STUDY HAS BEEN PERFORMED AS A PART OF THIS
- 25. LOT 1 IS TO BE USED FOR PERMANENT STORMWATER MANAGEMENT, AND IS NOT TO BE CONSIDERED A BUILDABLE
- 26. ALL UTILITY SERVICE SHALL BE UNDERGROUND.

- 1. THE CONTRACTOR SHALL CONTACT THE UTILITY DEPARTMENT AT 853-5700 AT LEAST 3 DAYS PRIOR TO REQUIRING ACTUAL CONNECTIONS.
- 2. THE CONTRACTOR SHALL INSTALL ALL SANITARY SEWER LATERALS.
- 3. THE CONTRACTOR SHALL PROVIDE THE TAPPING SLEEVE AND VALVE FOR THE WATER MAIN CONNECTION. THE UTILITY DEPARTMENT SHALL PERFORM ACTUAL CONNECTION. THE CONTRACTOR SHALL INSTALL ALL WATERLINE LATERALS AND METER BOXES. THE PAVEMENT REMOVAL, REPLACEMENT, TRENCHING SHORING, AND TRAFFIC CONTROL MEASURES AND PERMITS. METER BOX SHALL SIT ON THE PROPERTY LINE. CITY WILL PROVIDE METER.

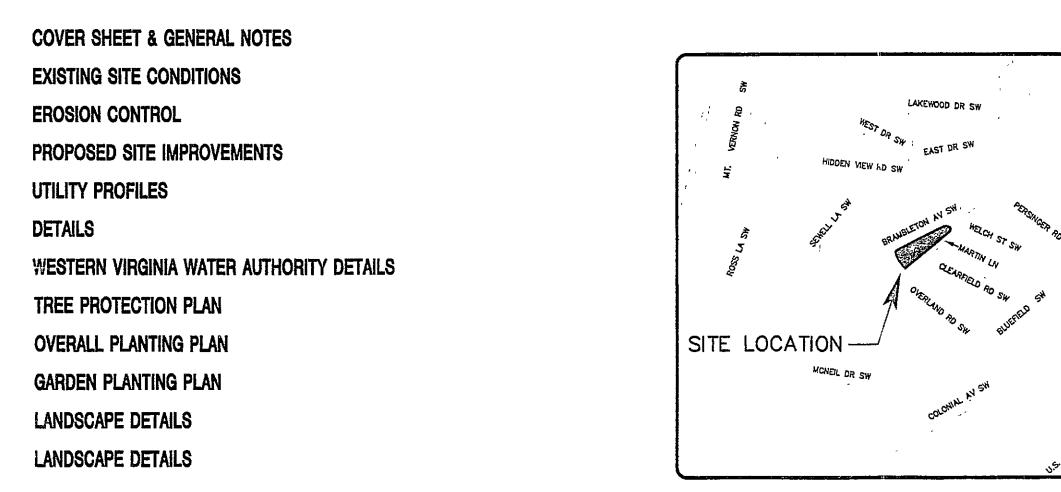
#### SANITARY SEWER NOTES

- 1. A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE TOPS SHALL BE ADJUSTED TO GRADE
- 3. ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.
- 4. LATERAL FROM SEWER MAIN SHALL BE P.V.C. OR DUCTILE IRON OF SUFFICIENT LENGTH TO PROVIDE TWO (2) FEET OF BEARING ON NATURAL GROUND. THE TRANSITION FROM DUCTILE IRON OR CONCRETE PIPE SHALL
- 5. ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHTS-OF-WAY SHALL BE COMPACTED ACCORDING TO WESTERN VIRGINIA WATER AUTHORITY

BE MADE WITH AN ADAPTER COUPLING IN THE RIGHT-OF-WAY.

- 6. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.
- 7. THE CONTRACTOR SHALL COORDINATE WITH THE WESTERN VIRGINIA WATER AUTHORITY FOR THE CONNECTION TO THE EXISTING PUBLIC SEWER LINES.
- 8. CONTINUOUS BYPASS PUMPING, AS PER SECTION 200 OF THE WESTERN VIRGINIA WATER AUTHORITY STANDARDS, SHALL BE REQUIRED DURING INSTALLATION OF SANITARY SEWER MANHOLE NUMBER 1.

# MADISON FIELD SUBDIVISION CITY OF ROANOKE, VIRGINIA



VICINITY MAP: NTS

## NOTICE: ALL LANDOWNERS, DEVELOPERS, AND CONTRACTORS FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED BELOW MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS, OR THE ISSUANCE OF A STOP WORK ORDER.

TITLE

SHEET

2 OF 12

3 OF 12

4 OF 12

5 OF 12

7 OF 12

L-1 OF 12

L-2.1 OF 12

L-22 OF 12

L-3.1 OF 12

L-3.2 OF 12

- 1. CITY INSPECTIONS: TO INSURE THE COORDINATION OF TIMELY AND PROPER INSPECTIONS, A PRECONSTRUCTION CONFERENCE SHALL BE INITIATED BY THE APPLICANT, BUILDING, ETC. WITH THE DEVELOPMENT INSPECTOR. CALL (540) 853-1227 TO ARRANGE A CONFERENCE AT LEAST THREE (3) DAYS PRIOR TO ANTICIPATED
- 2. RIGHT-OF-WAY EXCAVATION PERMIT: PRIOR TO THE COMMENCEMENT OF ANY DIEGING, ALTERATION, OR CONSTRUCTION WITHIN THE PUBLIC RIGHT--OF-WAY (STREETS, ALLEYS, PUBLIC EASEMENTS) A RIGHT-OF-WAY EXCAVATION PERMIT SHALL BE APPLIED FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY
- 3. LAND DISTURBANCE PERMIT: AN APPROVED EROSION AND SEDIMENT CONTROL PLAN FOR ANY BORROW/FILL SITES ASSOCIATED WITH THE PROJECT MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A LAND DISTURBANCE PERMIT.
- 4 PLANS AND PERMITS: A COPY OF THE PLANS APPROVED BY THE CITY (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES OF ONGOING CONSTRUCTION.
- 5. LOCATION OF UTILITIES: THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT
- 6. <u>CONSTRUCTION ENTRANCE:</u> THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE SHALL BE AS SHOWN ON THE PLANS.
- 7. STREETS TO REMAIN CLEAN: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST. AND/OR ANY TYPE OF CONSTRUCTION MATERIALS OR LITTER
- 8. BARRICADES/DITCHES: THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL EXCAVATED DITCHES AND SHALL FURNISH AND ENSURE THAT ALL BARRICADES PROPER AND NECESSARY FOR THE
- 9. SEWER AND PAVEMENT REPLACEMENT: CONSTRUCTION OF SANITARY SEWERS AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE AND THE WESTERN VIRGINIA WATER
- 10. <u>APPROVED PLANS/CONSTRUCTION CHANGES:</u> ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE EROSION AND SEDIMENT CONTROL AGENT PRIOR TO SAID CHANGES OR VARIATION IN CONSTRUCTION BEING MADE.
- 11. FINAL ACCEPTANCE/CITY: THE OWNER OR DEVELOPER SHALL FURNISH THE CITY OF ROANOKE'S PLANNING BUILDING AND DEVELOPMENT DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.
- 1. A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AFTER PAVING AND ADJUSTMENT TO FINAL GRADE IF
- 3. ALL EXISTING UTILITIES MAY NOT BE SHOWN, OR MAY NOT BE SHOWN ITHE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.
- 4. ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHTS-OF-WAY SHALL BE COMPACTED ACCORDING TO WESTERN VIRGINIA WATER AUTHORITY
- 5. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.
- 6. ALL MAINS SHALL BE CLASS 350 DUCTILE IRON.
- 7. ALL WATER MAINS UNDER PAVEMENT AND/OR UNDER A WORKING PRESSURE OF 100 PSI OR GREATER MUST BE DUCTILE IRON. FITTINGS MUST ADDRESS HIGH PRESSURE, IF APPLICABLE.
- 8. ALL SERVICE METERS SHALL BE TYPE "B" AS PER DETAIL SHEET 7.

	PROPERTY LINE	□TELE PED	EXISTING TELEPHONE PEDESTAL
2100	EXISTING 2' CONTOURS	$\otimes_{GV}$	EXISTING GAS VALVE
1200	PROPOSED 2' CONTOURS	□ <sub>GM</sub>	existing gas meter
<sub>×</sub> 90.56	EXISTING SPOT ELEVATION	φ <sub>LP</sub>	EXISTING LIGHT POLE
x 80.56	PROPOSED SPOT ELEVATION	<b>®</b>	EXISTING WELL
90.56	PROPOSED TOP CURB ELEVATION PROPOSED BOTTOM CURB ELEVATION	<b>©</b>	DRILL HOLE
(90.08)	EXISTING SANITARY SEWER	φ.	EXISTING FIRE HYDRANT
		-\$-	PROPOSED FIRE HYDRANT
C7111	PROPOSED SANITARY SEWER	⊗ <sub>w∨</sub>	EXISTING WATER VALVE
6*W====	EXISTING WATERLINE	8	PROPOSED WATER VALVE
_	PROPOSED WATERLINE	□ <sub>wM</sub>	EXISTING WATER METER
=====24"=====	EXISTING STORM SEWER	<b>2</b>	PROPOSED WATER METER
	PROPOSED STORM SEWER	o <sub>co</sub>	EXISTING SEWER CLEANOUT
The state we are a second	EXISTING EDGE OF PAVEMENT	0	PROPOSED SEWER CLEANOUT
	PROPOSED PAVEMENT	O <sub>SMH</sub>	EXISTING SEWER MANHOLE
	PROPOSED GRAVEL	<b>9</b>	PROPOSED SEWER MANHOLE
	PROPOSED CONCRETE/SIDEWALK	<u>a</u>	EXISTING SHRUB
	EXISTING BUILDING		
	PROPOSED BUILDING		EXISTING TREE
· -OHE- ·	EXISTING OVERHEAD ELECTRIC	(+)	PROPOSED TREE
— UGE	EXISTING BURIED ELECTRIC	<del></del>	EXISTING SIGN
TV	EXISTING BURIED CABLE TV LINE	<del></del>	PROPOSED SIGN
G	EXISTING GAS LINE	$\mathfrak{S}_{TP}$	BORE HOLE/TEST PIT
	EXISTING BURIED TELEPHONE LINE	◬	CONTROL POINT
xxx	EXISTING FENCE LINE	° IRF	IRON ROD FOUND
ummun	EXISTING TREELINE	o IRS	IRON ROD SET
<b>&amp;</b>	BENCHMARK LOCATION	٥	PROPERTY CORNER
o <sub>∪,P.</sub>	EXISTING UTILITY POLE	• FP	FENCE POST
	EXISTING GUY WIRE	(TBR)	TO BE REMOVED
<del></del>	VDOT STD. GR-2		
<u></u>	VDOT STD. GR-9 END TREATMENT		

A/C AC. ALT.	AT AIR CONDITIONER ACRE(S) ALTERNATE APPROXIMATE AVERAGE BENCHMARK BOTTOM OF CURB BOULEVARD BASEMENT BOTTOM OF WALL CUBIC FEET CURB INLET CONCRETE MASONRY UNIT CHECK VALVE CUBIC YARD CALIPER CABLE TELEVISION CHORD CORRUGATED METAL PIPE CLEAN—OUT COUNTY CONCRETE CREEK DEED BOOK DRAINAGE EASEMENT DROP INLET DUCTILE IRON PIPE DOWN SPOUT DECIDUOUS DEGREES DETAIL DRAINFIELD CORNER DROP INLET DIAMETER DISTRICT DRIVE DRAWING DWELLING EDGE OF GRAVEL EASTBOUND LANE ELEVATION ELEVATION EDGE OF WATER EASEMENT EVERGREEN EXISTING EXTENSION FEDERAL EMERGENCY MANAGEMENT FIRE HYDRANT FLOOD INSURANCE RATE MAP FLOW LINE FINISH FLOOR FOUND FRAME FEET GAS METER GAS LINE MARKER	M.H.L.	MINIMUM BUILDING LINE
AU. ALT.	ALECTS)		MACICTEDIAI
MLI.	AL TERNATE	MAX.	MAXIMIM MAXIMIM
APPROY	APPROXIMATE	MB	MAIL BOX
AVG.	AVERAGE	МH	MANHOLE
B.M.	BENCHMARK	MI.	MILE
BC	BOTTOM OF CURB	MIN.	MINIMUM
BLVD.	BOULEVARD	MON.	MONUMENT
BSMT	BASEMENT	MIL.	METAL MOTENCE
₽.M	BOITOM OF WALL	N.I.U. N.C	NOTED A SOUTHERN
U.F.	CUBIC FEET	N.T.S	NOT TO SCALE
C.M.U	CONCRETE MASONRY LINIT	N/F	NOW OR FORMERLY
C.V.	CHECK VALVE	NÉL	NORTHBOUND LANE
C.Y.	CUBIC YARD	NO. /#	NUMBER
CAL.	CALIPER	NRÝ "	NEW RIVER VALLEY
CATV	CABLE TELEVISION	O.D.	OUTSIDE DIAMETER
CHD	CHORD	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED
CMP	CORRUGATED METAL PIPE	OH	OVERHEAD ELECTRIC
60	COUNTY	ONE	OVERHEAD POWER
CONC	CONCRETE		PLAT BOOK
CRK.	CREEK	P.II.	PUBLIC UTILITY
D.B.	DEED BOOK	P.U. & D.F.	PUBLIC UTILITY AND DRAINAGE EASEMENT
D.E.	DRAINAGE EASEMENT	P.U.E.	PUBLIC UTILITY EASEMENT
D.I.	DROP INLET	PE	POLYETHYLENE
D.I.P.	DUCTILE IRON PIPE	PED.	PEDESTAL
D.S.	DOWN SPOUT	P.I.V.	POST INDICATOR VALVE
DECID.	DECIDUOUS	PG.	PAGE
DET.	DEGREES	PROP.	PRUPUSED
DEC.	DRAINFIELD CORNER	PVC	POUNDS PER SQUARE INCH
l Bi	DROP INI FT	D/WIT F VC	PAVEMENT
DiA.	DIAMETER	E AIMTT	RADIUS
DIST.	DISTRICT	R.R.	RAILROAD
DR.	DRIVE	R/W	RIGHT-OF-WAY
DWG	DRAWING	RCP	REINFORCED CONCRETE PIPE
DWLG	DWELLING	RD.	ROAD
E.G.	EDGE OF GRAVEL	REF.	REFERENCE
E.F.	EDGE OF PAVEMENT	REQ'D	REQUIRED
FRI	EACTROUND LANE	RET.	KETAINING PEMBION
ĔĽĔV.	FI FVATION	REV.	ROUTE
EOW	EDGE OF WATER	KIL.	RAILWAY
ESMT.	EASEMENT	ZMI.	STORM DRAIN
EVG.	EVERGREEN	SDMH	STORM DRAIN MANHOLE
EXIST.	EXISTING	S.F.	SQUARE FEET
EXI.	EXTENSION	SBL	SOUTHBOUND LANE
r.E.M.A.	FEDERAL EMERGENCY MANAGEMENT	SCH	SCHEDULE
r.n. Firm	FIRE HYDRANICE BATE MAD	SHT.	SHEET
r.i.iX.M. ∉ /i	FLOUD INSURANCE KATE MAP	SPEC.	SPECIFICATION
FF"	FINISH FLOOR	SPTK	SANITARY SEWER
FND	FOUND	ST W	STREET
FR	FRAME	STA	STATION
FT.	FEET	STD.	STANDARD
G.M.	GAS METER	STY.	STORY
G.V.	GATE VALVE	SWMF	STORMWATER MANAGEMENT FACILITY
GN!	GAY AND NEEL, INC.	(T) TC	TOTAL
GPM GRAV.	GALLONS PER MINUTE GRAVEL	IC TOD	TOP OF CURB/CONCRETE TERRA COTTA PIPE
	GROUND	TCP TDS	TURNED DOWN SIDEWALK
	HIGH POINT	TEL.	TELEPHONE
H.U.D.	HOUSING AND URBAN DEVELOPMENT	TOB	TOP OF BANK
H/C	HANDICAPPED	TOS	TOP OF SLOPE
HCR	HANDICAPPED RAMP	TW	TOP OF WALL
	HIGH DENSITY POLYETHYLENE PIPE	TYP.	TYPICAL
HR	HANDRAIL	ນ.G.	UNDERGROUND
	HEADWALL	U.P.	UTILITY POLE
HYD. I.D.	HYDRANT INSIDE DIAMETER	U.S. VA.	UNITED STATES VIRGINIA
	INCH	VDH	VIRGINIA DEPARTMENT OF HIGHWAYS
INST.	INSTRUMENT	VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
INT.	INTERSECTION	W.B.	WILL BOOK
INV.	INVERT	W.W.F.	WELDED WIRE FABRIC
lNVin	INVERT IN	WZ.	WTH
1NVout	INVERT OUT	WBL	WESTBOUND LANE
L.F.	LINEAR FOOT	WM	WATER METER
LP <sub>1</sub>	LIGHT POLE	WTNK	WATER TANK WATER VALVE
LP.	LOW POINT LANDSCAPED ISLAND	WV WW	WOVEN WIRE
L.S.I. LB.	POUND ISLAND	XFMR	TRANSFORMER
	1 00170	7 34 1701 3	

ABBREVIATION LEGEND

GAY AND NEEL, INC. CIVIL ENGINEERIN LAND PLANNING 328 Mountain Avenue S.W. Roanoke, Virginia 24016 Phone: (540) 345-1110 Fax: (540) 345-5560 Email: info@goyondneel.com

### RECEIVED

#### GENERAL GRADING NOTES:

1. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ARE TO BE USED TO ROANOKE CONJUNCTION WITH THE EROSION AND SEDIMENT CONTROL MARRATIVE BUILDING AND DEVELOPMENT APPROVED FOR THIS PLAN. THE NARRATIVE INCLUDES ADDITIONAL BUILDING AND DEVELOPMENT MEASURES SUCH AS DUST CONTROL, TEMPORARY SEEDING, PERMANENT

SEEDING AND MULCHING. 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE FROM ALL AREAS OF THE SITE.

#### 3. EXCAVATION IS UNCLASSIFIED. STANDARD EROSION & SEDIMENT CONTROL NOTES:

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.

> PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.

DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.

A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE, AND WILL INHIBIT EROSION.

SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY, AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.

UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA: A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME. B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES. C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE

D. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.

RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS. F. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.

WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEXIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND transported to a sediment control disposal area. Street Washing Shall be ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND-DISTURBING

ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING

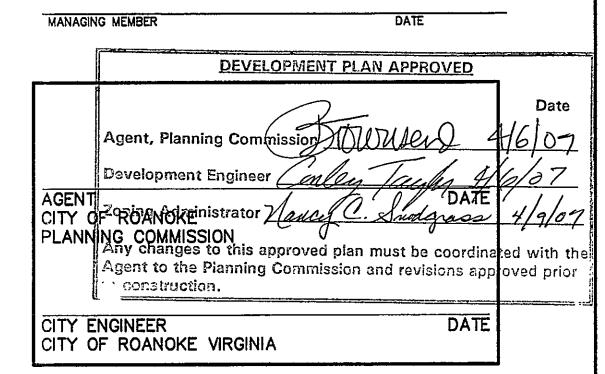
ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES-8: DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES-9: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF—PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

### <u>LAND DISTURBANCE CERTIFICATION:</u>

WE, MADISON FIELD INC., IDENTIFY\_\_\_\_\_, (CERT/REG No\_\_\_\_\_, AS THE INDIVIDUAL IN CHARGE OF AND RESPONSIBLE FOR LAND DISTURBING ACTIVITIES ASSOCIATED WITH THIS EROSION AND SEDIMENT CONTROL PLAN. Y AGREE TO NOTIFY THE CITY OF ROANOKE IN WRITING SHOULD WE TRANSFER RESPONSIBILITY TO ANOTHER CERTIFIED INDIVIDUAL BEFORE THE COMPLETION OF THIS PROJECT AND THE RELEASE OF THE EROSION AND SEDIMENT CONTROL



STUDIO

Community Planning Landscape Architecture Architecture Historic Preservation

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fax: 540-345-5625

www.hillstudio.com

Note eneral  $\mathcal{Q}$ an nu 64 N

12/21/06 Date: 1" = 30'Revisions: 2/15/073/20/07

