GENERAL NOTES

ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE. THE CONTRACTOR OR DEVELOPER IS REQUIRED TO NOTIFY THE CITY OF ROANOKE ENGINEERING DIVISION IN WRITING AT LEAST THREE (3) DAYS PRIOR TO ANY CONSTRUCTION, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- A. INSTALLATION OF APPROVED EROSION CONTROL DEVICES.
- B. CLEARING AND GRUBBING.
- C. SUBGRADE EXCAVATION. D. INSTALLING STORM SEWERS OR CULVERTS.
- E. INSTALLING CURB AND GUTTER FORMS.
- F. PLACING CURB AND GUTTER.
- G. PLACING OTHER CONCRETE.
- H. PLACING GRAVEL BASE. I. PLACING ANY ROADWAY SURFACE.
- J. INSTALLING WATER LINES.
- K. INSTALLING SANITARY SEWER LINES.

MEASURES TO CONTROL EROSION AND SILTATION MUST BE PROVIDED FOR PRIOR TO PLAN APPROVAL. PLAN APPROVAL IN NO WAY RELIEVES THE DEVELOPER OR CONTRACTOR OF THE RESPONSIBILITIES CONTAINED IN EROSION AND SILTATION CONTROL POLICIES.

FIELD CONSTRUCTION SHALL HONOR PROPOSED DRAINAGE DIVIDES AS SHOWN

ALL UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION LIMITS OF THE ROADWAY BEFORE PLACING EMBANKMENT.

PAVEMENT SECTIONS ON APPROVED PLANS ARE BASED ON A MINIMUM CBR OF 10. CBR TESTS ARE TO BE ACQUIRED BY THE OWNER AND SUBMITTED TO THE CITY OF ROANOKE ENGINEERING DIVISION PRIOR TO PLACEMENT. CBR VALUES LESS THAN 10 WILL REQUIRE REVISED PAVEMENT SECTIONS.

CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT THE JOB SITE.

STANDARD STREET AND TRAFFIC CONTROL SIGNS SHALL BE ERECTED AT EACH INTERSECTION BY THE DEVELOPER PRIOR TO FINAL STREET ACCEPTANCE.

CONSTRUCTION DEBRIS SHALL BE CONTAINED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT. NO LESS THAN ONE LITTER RECEPTACLE SHALL BE PROVIDED ON-SITE.

THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT THE STREETS ARE IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.

THE DEVELOPER AND/OR CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEN THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.

CONTRACTORS SHALL NOTIFY UTILITIES OF PROPOSED CONSTRUCTION AT LEAST TWO, BUT NOT MORE THAN TEN WORKING DAYS IN ADVANCE, AREA PUBLIC UTILITIES MAY BE NOTIFIED THROUGH MISS UTILITY AT (800) 552-7001.

ALL WORK SHALL BE SUBJECT TO INSPECTION BY CITY OF ROANOKE INSPECTORS. GRADE STAKES SHALL BE SET FOR ALL CURB AND GUTTER, CULVERT, SANITARY SEWER, AND STORM SEWER.

LOCATION OF UNDERGROUND UTILITIES IS BASED ON FIELD SURVEYS. AS SHOWN BY AVAILABLE RECORDS, AND AS LOCATED BY THE UTILITY LOCATOR SERVICE.

THE SITE WORK AND LANDSCAPING CONTRACTOR(S) SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES, BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA UNIFORM CODING SYSTEM CONTAINED IN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. FOR DETAILS AND SPECIFICATIONS OF EROSION CONTROL ITEMS SHOWN ON THESE PLANS.

ALL STORM DRAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.

APPROVED: AGENT - CITY OF ROANOKE PLANNING COMMISSION CITY ENGINEER - CITY OF ROANOKE, VIRGINIA DATE

ENGINEER'S NOTES

T.P. PARKER & SON ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS OR FOR INFORMATION ON PLANS UNTIL SUCH PLANS HAVE BEEN APPROVED BY THE REQUIRED PUBLIC AGENCIES.

ANY WORK COMMENCED ON A PROJECT PRIOR TO PLAN APPROVAL IS AT SOLE RISK OF THE DEVELOPER.

T.P. PARKER & SON DOES NOT GUARANTEE THE COMPLETION OR QUALITY OF PERFORMANCE OF THE CONTRACTS OR THE COMPLETION OR QUALITY OF PERFORMANCE OF CONTRACTS BY SUBCONTRACTORS OR OTHER THIRD PARTIES.

SOURCE OF TOPOGRAPHIC MAPPING IS PHOTOGRAMMETRIC DATA SERVICES. INC. OCTOBER, 1993

BOUNDARY SURVEY WAS PERFORMED BY DATED NOVEMBER, 1993

T.P. PARKER & SON

SEWER NOTES

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE TOPS SHALL BE ADJUSTED TO GRADE IF NECESSARY.

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.

LATERAL CONNECTIONS ARE TO BE MADE WITH 4" PIPE INSTALLED ON A MINIMUM GRADE OF 1/4 INCH TO 1 FOOT IN THE RIGHT OF WAY.

LATERALS FROM MANHOLES 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 TO ASBESTOS CEMENT OR CONCRETE PIPE SHALL BE MADE WITH AN ADAPTOR COUPLING IN THE RIGHT OF WAY.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT OF WAYS SHALL BE COMPACTED ACCORDING TO CITY OF ROANOKE STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

ALL NEW SANITARY SEWER MAIN SHALL BE SDR-35 POLYVINYL CHLORIDE PIPE OR CITY OF ROANOKE APPROVED EQUAL.

WATER NOTES

A MINIMUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES.

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AFTER PAVING AND ADJUSTMENT TO FINAL GRADE IF NECESSARY.

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.

ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHT OF WAYS SHALL BE COMPACTED ACCORDING TO CITY OF ROANOKE STANDARDS.

LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

ALL NEW WATER MAIN SHALL BE CLASS 50 DUCTILE IRON PIPE OR CITY OF ROANOKE APPROVED EQUAL.

STANDARD CITY OF ROANOKE CONSTRUCTION PROCEDURE REQUIREMENTS

CITY INSPECTIONS: TO ENSURE THE COORDINATION OF TIMELY AND PROPER NSPECTIONS, A PRECONSTRUCTION CONFERENCE SHALL BE INITIATED BY THE CONTRACTOR WITH THE CITY OF ROANOKE BUILDING DEPARTMENT. CALL (703) 981-2221 OR 2222 TO ARRANGE A CONFERENCE AT LEAST THREE (3) DAYS PRIOR TO ANTICIPATED CONSTRUCTION.

STREET OPENING PERMIT: PRIOR TO THE COMMENCEMENT OF ANY DIGGING, ALTERATION, OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY (STREETS, ALLEYS, PUBLIC EASEMENTS) A STREET OPENING PERMIT SHALL BE APPLIED

PLANS AND PERMITS: A COPY OF THE PLANS APPROVED BY THE CITY OF ROANOKE (SIGNED BY THE PROPER CITY OFFICIALS) AND ALL PERMITS ISSUED BY THE CITY SHALL BE MADE AVAILABLE AT THE CONSTRUCTION SITE AT

LOCATION OF UTILITIES: THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION—RELATED EGRESS FROM THE SITE. THE SIZE AND COMPOSITION OF THE CONSTRUCTION ENTRANCE SHALL BE DETERMINED BY THE CITY OF ROANOKE SITE PLAN INSPECTOR

STREETS TO REMAIN CLEAN: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE PUBLIC STREET ADJACENT TO THE CONSTRUCTION ENTRANCE REMAINS FREE OF MUD, DIRT, DUST, AND/OR ANY

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 SAFETY OF THE PUBLIC ARE IN PLACE.

AND THE REPLACEMENT OF PAVEMENT SHALL BE IN ACCORDANCE WITH APPROVED STANDARDS AND SPECIFICATIONS OF THE CITY OF ROANOKE.

APPROVED PLANS/CONSTRUCTION CHANGES: ANY CHANGE OR VARIATION FROM ON CONSTRUCTION BEING MADE.

FINAL ACCEPTANCE/CITY: THE DEVELOPER OR CONTRACTOR SHALL FURNISH THE CITY OF ROANOKE ENGINEERING DEPARTMENT WITH A FINAL CORRECT SET OF AS-BUILT PLANS PRIOR TO FINAL ACCEPTANCE BY THE CITY.

NOTICE: ALL LANDOWNERS, DEVELOPERS, AND CONTRACTORS

FAILURE TO COMPLY WITH THE CONSTRUCTION PROCEDURE REQUIREMENTS LISTED ABOVE MAY RESULT IN THE COSTLY REMOVAL OF STRUCTURES, TIME DELAYS. OR THE ISSUANCE OF A STOP WORK ORDER.

VICINITY MAP NO SCALE ROANOKE REGIONAL CELEBRATION STA. TO COVE RD. VALLEY VIEW MALL

Designed By: CLF

Drawn By: CLW

Date: <u>12-23-93</u>

W.O. # <u>93-1725</u>

N.B. # ANDREWS PROPERTY

93-1726

No. Date

REVISIONS

Remarks

FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE.

ALL TIMES OF ONGOING CONSTRUCTION.

CONSTRUCTION ENTRANCE: THE CONTRACTOR SHALL INSTALL AN ADEQUATE

TYPE OF CONSTRUCTION MATERIALS OR LITTER AT ALL TIMES.

SEWER AND PAVEMENT REPLACEMENT: CONSTRUCTION OF SANITARY SEWERS

CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO SAID CHANGES OR VARIATIONS

SHEET INDEX SHEET # TITLE COVER SHEET SUBDIVISION MAP SUBDIVISION MAP SOIL EROSION CONTROL PLAN AND DETAILS PLAN & PROFILE - TOM ANDREWS ROAD PLAN & PROFILE - TOM ANDREWS ROAD DIMENSIONAL AND LANDSCAPING PLAN GRADING AND SITE UTILITIES PLAN SANITARY SEWER DETAILS WATER DETAILS

ANY VARIATION FROM APPROVED PLANS MUST BE APPROVED BY THE CITY OF ROANOKE

	, '	LEGE:		SYMBO	LS
ABBRI	EVIATIONS		EXISTING	NEW	decision dec
AHFH ARROW HEAD TOP OF FIRE HYDRANT APPROX APPROXIMATE ASPH ASPHALT BC BOTTOM OF CURB BLDG BUILDING BM BENCHMARK BW BOTTOM OF WALL CMP CORRUGATED METAL PIPE CONC CONCRETE COR CORNER DI DROP INLET DIA DIAMETER DE DRAINAGE EASEMENT EBL EAST BOUND LINE ELEV ELEVATION ENTR ENTRANCE EP EDGE OF PAVEMENT EXIST EXISTING FF FINISHED FLOOR FG FINISH GRADE INV INVERT I IP IRON PIN LT LEFT MBL MINIMUM BUILDING LINE MANHOLE	MON M NBL PROP PUE PVMT R RT RI R/W REQD RI REQD RI SAN SBL SD SS SSE STA STD TBM TE TC TEL TW TYP VDOT VERT VERT WBL W.E. W	INIMUM IONUMENT ORTH BOUND LANE ROPOSED UBLIC UTILITY EASEMENT AVEMENT ADIUS IGHT IGHT OF WAY EQUIRED AILROAD ANITARY OUTH BOUND LANE TORM DRAIN ANITARY SEWER EASEMENT TATION TANDARD EMPORARY BENCHMARK OP OF CURB ELEPHONE OP OF WALL YPICAL IRGINIA DEPARTMENT OF RANSPORTATION ERTICAL EST BOUND LANE 'ATERLINE EASEMENT	100.5 E 100 ===8"SS===	100.5	SPOT ELEVATION CONTOURS SANITARY SEWER LINE WATERLINE STORM DRAIN GAS LINE OVERHEAD ELECTRIC LINE OVERHEAD TELEPHONE LINE OVERHEAD CABLE TELEVISION LINE UNDERGROUND TEL OR ELEC LINE WATER OR GAS METER VALVE FIRE HYDRANT MANHOLE CLEANOUT DROP INLET (CURB OR GRATE) UTILITY POLE, GUY & ANCHOR DITCH OR SWALE CENTERLINE OR BASELINE PROPERTY LINE SURVEY TRAVERSE POINT DEFLECTION ANGLE DIRECT ANGLE YARD LIGHTING YARD HYDRANT WELL BENCHMARK FENCE TREE LINE RAILROAD HANDICAPPED SPACE

NAME OF J.H. HEAFNER COMPANY, INC.

THIRLANE ROAD, N.E. LOCATION CITY OF ROANOKE. VIRGINIA J.H. HEAFNER COMPANY, INC. 814 EAST MAIN STREET OWNER P.O. BOX 837 LINCOLNTON, NC 28093 ATTN: MR. MICHAEL GAITHER

DEVELOPER

FRANK B. CALDWELL,

No. 1335

Ву

(800) 277-8473

DEC 30 1993 Roanoke Office of Community

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CITY OF ROANOKE TAX PARCEL

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FRANK B. CALDWELL, III

NO. 9184

SAME AS OWNER

ENGINEERS

SURVEYORS

PLANNERS

T. P. PARKER & SON

6530101

816 Boulevard Post Office Box 39 Salem, Virginia 24153 Telephone: 703-387-1153 FAX: 703-389-5767

SHEET 1 OF 10