

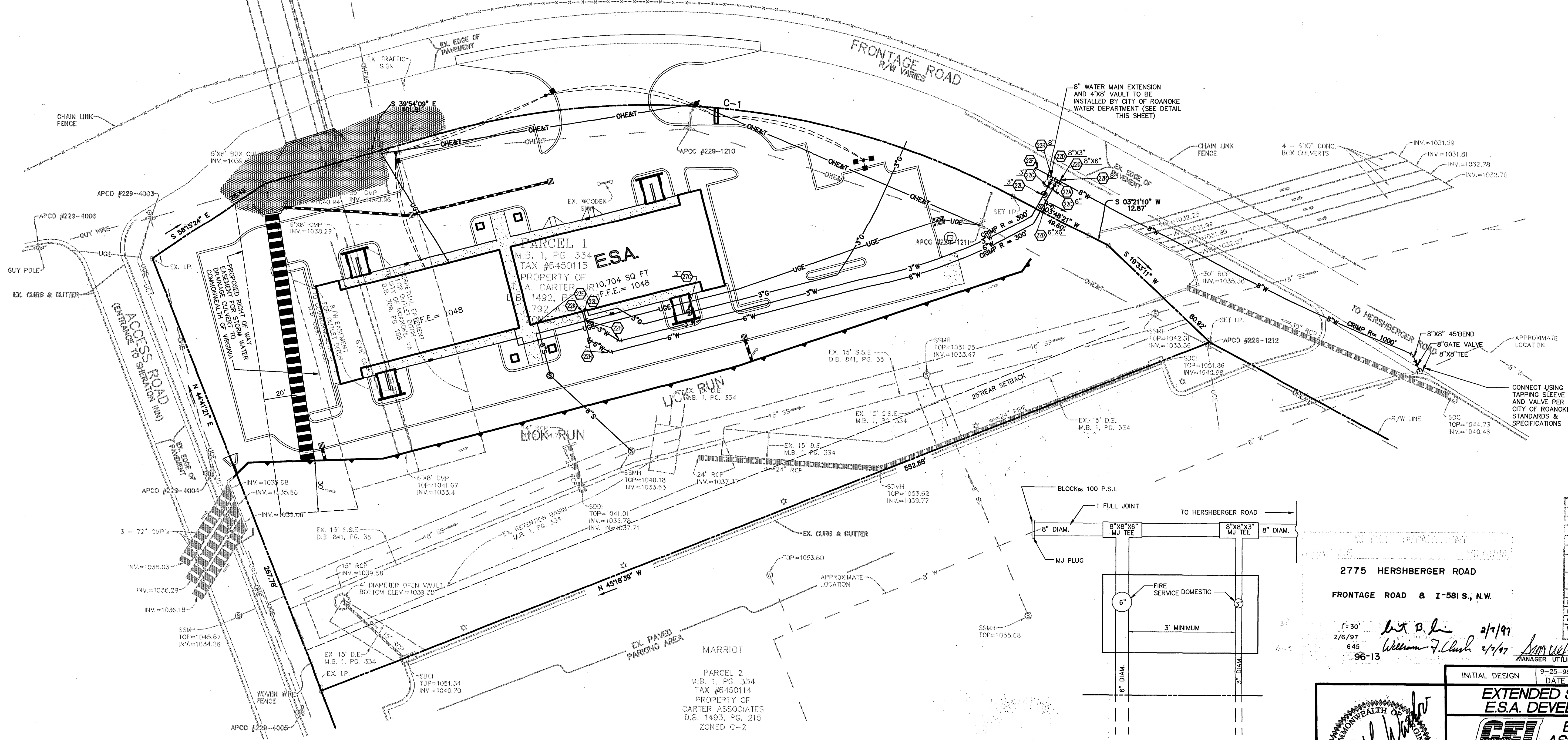
EXISTING				PROPOSED			
☆	LAMP POST	I.P.	IRON PIN	---	BOUNDARY LINE		
⊙	SANITARY SEWER MANHOLE	D.B.	DEED BOOK	---	RIGHT OF WAY LINE		
⊙	WATER MANHOLE	M.B.	MAP BOOK	---	STORM DRAIN		
⊙	DRAINAGE MANHOLE	P.G.	PAGE	---XW---	WATER SERVICE		
EX.	EXISTING	SSMH	SANITARY SEWER MANHOLE	---XS---	SANITARY SEWER SERVICE		
--SS--	SANITARY SEWER LINE	SDMH	STORM DRAIN MANHOLE	---XC---	GAS SERVICE		
---W---	WATER LINE	SDCI	STORM DRAIN CURB INLET	---UG---	UNDERGROUND ELECTRIC SERVICE		
---	CURB & GUTTER	SDDI	STORM DRAIN DROP INLET	---OHE---	OVERHEAD ELECTRIC SERVICE		
---	UTILITY POLE	---	FLOW ARROW	---UGT---	UNDERGROUND TELEPHONE SERVICE		
---	GUY WIRE	---	INVERT	---OHT---	OVERHEAD TELEPHONE SERVICE		
---	UTILITY POLE WITH LAMP	---OHE---	OVERHEAD ELECTRIC	---UG&T---	UNDERGROUND ELECTRIC AND TELEPHONE SERVICE		
---	STORM DRAIN INLETS	---OHE&T---	OVERHEAD ELECTRIC & TELEPHONE				
---	STORM DRAIN LINES	---UG---	UNDERGROUND ELECTRIC				
R/W	RIGHT-OF-WAY	---UGT---	UNDERGROUND TELEPHONE				
CONC.	CONCRETE	---	FENCE				
S.S.E.	SANITARY SEWER EASEMENT	---	CONCRETE				
D.E.	DRAINAGE EASEMENT	---	PAVEMENT				
RCP	REINFORCED CONCRETE PIPE	---					
CMP	CORRUGATED METAL PIPE	---					

- GENERAL UTILITY NOTES**
- A. ALL WATER LINES SHALL BE D.I.P. WITH 3 FEET MIN. COVER.
- B. ALL SANITARY SEWER LINES SHALL BE PVC SDR-35 WITH 3 FEET MIN. COVER.
- C. CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
- D. ALL ELECTRIC, TELEPHONE AND GAS EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY INTERRUPTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
- E. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE COVERING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
- F. PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CEI ENGINEERING AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. CEI ENGINEERING AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
- G. UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON OR WITHIN SPECIFICATIONS:
- ALL WATER LINE FITTINGS SHALL BE INSTALLED WITH THRUST BLOCKING PER DETAIL 31A.
- ALL WATER LINE PIPE BEDDING SHALL BE INSTALLED PER DETAIL 42A.
- ALL SANITARY SEWER PIPE BEDDING SHALL BE INSTALLED PER DETAIL 42B.
- H. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE METHODS, DETAILS, AND SPECIFICATIONS SET FORTH BY THE CITY OF ROANOKE.

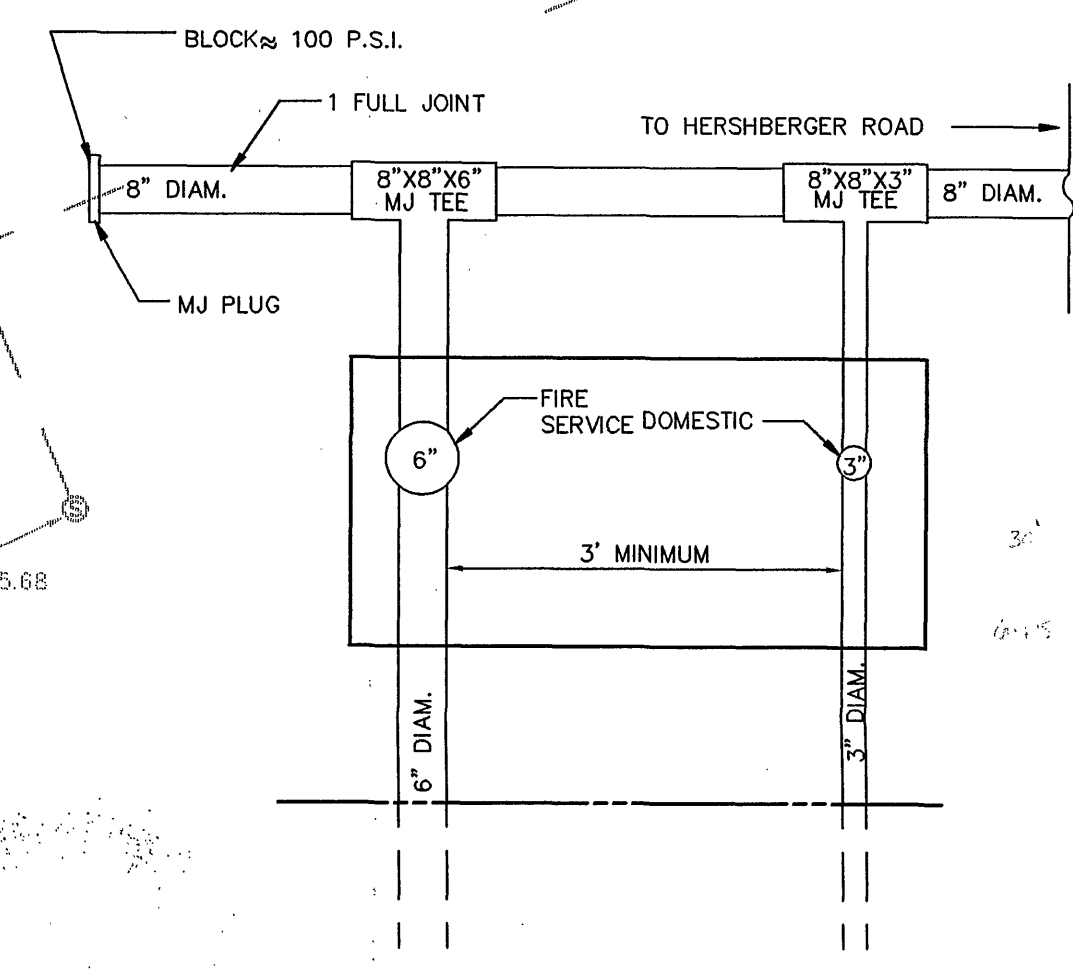
UTILITY DETAILS	
5A	GUARD POST (SINGLE)
13A	TYPICAL LIGHTING POLE FOUNDATION AND FIXTURE WITH SCHEMATIC ELECTRIC CONDUIT ROUTING (SEE DETAIL SHEET FOR LIGHT FIXTURE ORDERING INFORMATION)
36A	FIRE HYDRANT ASSEMBLY - SEE DETAIL FOR BRAND & TYPE
39A	SANITARY SEWER MANHOLE (CAST IN PLACE)

UTILITY NOTES	
22A	POINT OF CONNECTION - WATER SERVICE (PER LOCAL CODES)
22L	METERED DOMESTIC WATER SERVICE ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET)
27C	PROPOSED GAS METER
27F	M.J. CAP/PLUG WITH THRUST BLOCKING (SEE SIZES THIS SHEET)
22C	M.J. GATE VALVE WITH ADJUSTABLE VALVE BOX AND THRUST BLOCKING (SEE SIZES THIS SHEET)
22D	M.J. TEE WITH THRUST BLOCKING (SEE SIZES THIS SHEET)
22H	45° M.J. BEND WITH THRUST BLOCKING (SEE SIZES THIS SHEET)
23C	SANITARY SEWER SERVICE ENTRY (PER ARCH. PLANS)
22K	SPRINKLER ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET)
22M	PROPOSED WATER METER (SEE SIZE THIS SHEET)
24D	PROPOSED ELECTRIC TRANSFORMER
25A	PROPOSED POWER POLE
31B	IRRIGATION CONTROLLER AND VALVES LOCATION (SEE IRRIGATION PLAN FOR SIZE AND TYPE)

INTERSTATE-581
(SOUTH BOUND)



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C-1	452.02'	345.94'	181.94'	337.56'	S 17°54'37" E	43°50'59"



DATE STARTED
DATE COMPLETED
F.H. STUB ONLY
SERV. INS. BY:
MAIN INS. BY:
NO. X" SERV. INS.
CITY OR CO.
DEPT. INSP.

2775 HERSHBERGER ROAD
FRONTAGE ROAD & I-581 S.W.

9-25-96
DATE RM PM DES SLJ
DWG NAME: 2342PROJ

EXTENDED STAY AMERICA
E.S.A. DEVELOPMENT, INC.

CEI ENGINEERING ASSOCIATES, INC.
ENGINEERS PLANNERS SURVEYORS

9175 Guilford Road, Suite 308 (301) 490-4145 JOB NO: 12342
Columbia, MD 21046 FAX (301) 490-4149 DWG NAME: 2342PROJ

UTILITY PLAN
2775 HERSHBERGER ROAD
ROANOKE VA

DATE 02-04-97
SHEET NO. 5 OF 10