

VICINITY MAP

GENERAL NOTES:

THE CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES AS SHOWN ON THE PLANS IN AREAS OF CONSTRUCTION PRIOR TO BEGINNING ANY WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF:

a. ANY LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLANS.

b. IF THERE APPEARS TO BE A CONFLICT WITH ANY OF THE PROPOSED IMPROVEMENTS.

c. UPON DISCOVERY OF ANY UTILITY OR OBSTACLE NOT SHOWN ON THE PLANS.

UTILITIES MAY BE LOCATED BY CALL "MISS UTILITY" AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AT THE FOLLOWING TELEPHONE NUMBER: 1-703-552-7001

ALL FILL MATERIAL SHALL BE PLACED IN 6"-8" LIFTS AND COMPACTED TO A DENSITY OF 95% STANDARD PROCTOR. COMPACTION OF ALL FILL MATERIAL SHALL BE TESTED BY AN INDEPENDENT SOIL TESTING LABORATORY WITH SUFFICIENT KNOWLEDGE OF SUCH TESTING PROCEDURES.

THE MINIMUM DEPTH OF ALL WATERLINES SHALL BE THREE (3) FEET TO THE TOP OF THE WATERLINE.

NOTE: THE SUBJECT PROPERTY IS NOT WITHIN THE LIMITS OF THE 100 YEAR FLOOD BOUNDARY AS SHOWN ON THE FEMA FLOOD BOUNDARY MAP.

EROSION AND SEDIMENT CONTROL NOTES:

ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS, INCLUDING THE STANDARDS AND SPECIFICATIONS OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" LATEST EDITION. REFER TO THIS HANDBOOK FOR DETAILS AND SPECIFICATIONS OF EROSION CONTROL DEVICES.

EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS.

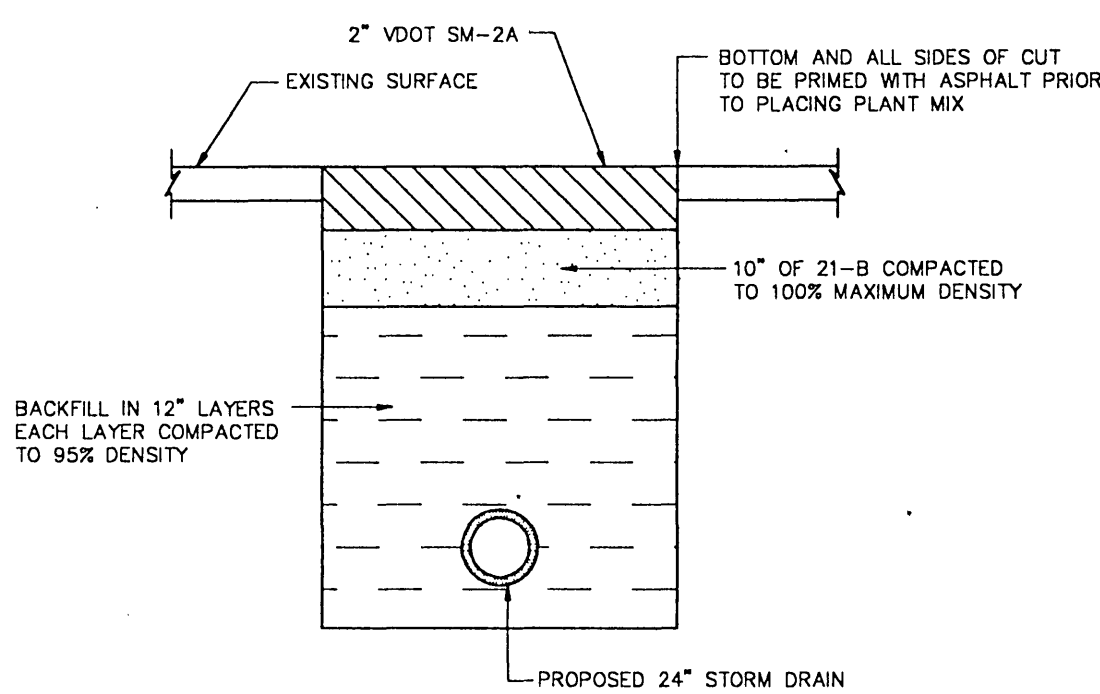
ALL DENUDED AREAS SHALL BE SEEDED AND MULCHED WITHIN 7 DAYS OF FINAL GRADING.

THE CONTRACTOR SHALL CHECK THE CONDITIONS OF THE EROSION CONTROL DEVICES AT THE END OF EACH DAY AND AFTER EVERY RAINFALL.

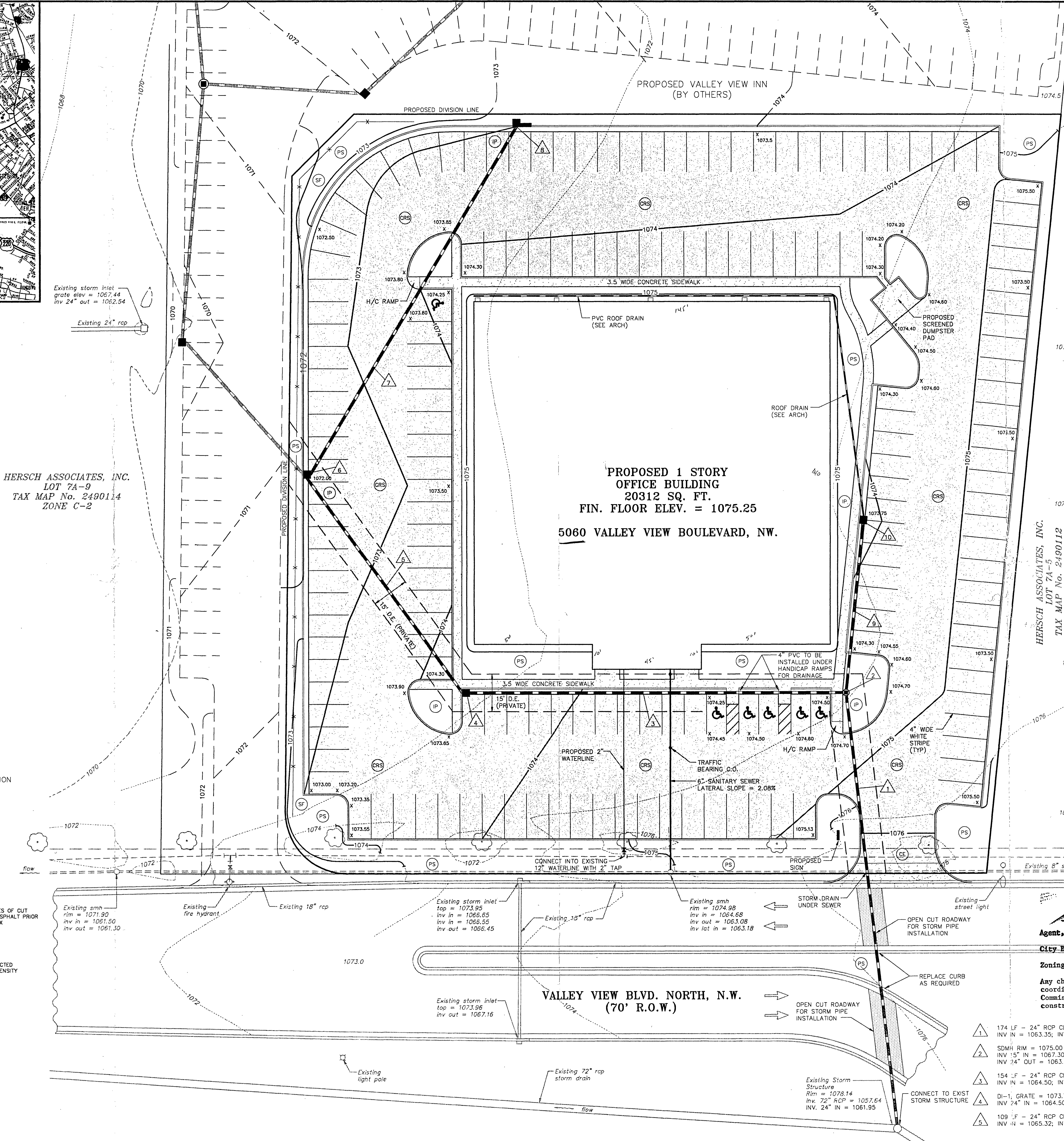
NOTE: THE CONTRACTOR HEREBY AGREES TO INSTALL ALL PROPOSED AND APPROVED EROSION AND SEDIMENT CONTROL DEVICES ACCORDING TO THE ENGINEERING PLANS AND EROSION CONTROL NARRATIVE.

EROSION & SEDIMENT CONTROL SYMBOLS

- CE STD & SPEC 3.02; CONSTRUCTION ENTRANCE
- CRS STD & SPEC 3.03; CONSTRUCTION ROAD STABILIZATION
- SF STD & SPEC 3.05; SILT FENCE
- IP STD & SPEC 3.07; STORM DRAIN INLET PROTECTION
- PS STD & SPEC 3.32; PERMANENT SEEDING



OPEN CUT ROAD CROSSING
N.T.S.



REFERENCE
MB 1, PAGE 565

SCALE: 1" = 20'

ALL ELEVATIONS ARE BASED ON THE CITY OF ROANOKE CONTROL NETWORK STATION NUMBER 28, NAMED HERSH, AN ALUMINUM GPS MONUMENT LOCATED IN THE CENTER MEDIAN OF HERSHBERGER ROAD AT THE I-581 CROSSING.

ON SITE BENCHMARK: A CHISELED SQUARE ON THE SOUTHEAST CORNER OF THE CONCRETE PAD SUPPORTING THE EXISTING POWER TRANSFORMER. ELEVATION = 1074.61

GENERAL NOTES:

EXISTING UTILITY INFORMATION IS BASED UPON AVAILABLE CITY RECORDS AND ACTUAL FIELD SURVEY.

EXISTING 15' C&P TELEPHONE COMPANY EASEMENT IS REFERENCED IN DEED BOOK 1210, PAGE 443.

EXISTING 10' APPALACHIAN POWER COMPANY EASEMENT IS REFERENCED IN DEED BOOK 1647, PAGE 199.

EXISTING LOT 7A-4 WAS CREATED ON NOVEMBER 6, 1986 IN MAP BOOK 1, PAGE 565 AS PREPARED BY F. DONALD LAWRENCE AND ASSOCIATES, P.A. FOR THE OWNER, HERSCH ASSOCIATES.

BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY ROBERT G. CANTLEY, INC., DECEMBER 1993.

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.

CONSTRUCTION PROCEDURE REQUIREMENTS

- CITY INSPECTION: TO ENSURE THE COORDINATION OF TIMELY AND PROPER INSPECTIONS, A PRE-CONSTRUCTION CONFERENCE SHALL BE INITIATED BY THE CONTRACTOR WITH THE CITY ENGINEERING DEPARTMENT. CALL 703-981-2250 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 FOR AND OBTAINED BY THE CONTRACTOR FROM THE CITY OF ROANOKE.
- 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.
- LOCATION OF UTILITIES: THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.
- CONSTRUCTION ENTRANCE: THE CONTRACTOR SHALL INSTALL AN ADEQUATE CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION-RELATED EGRESS FROM THE SITE. SIZE AND COMPOSITION OF CONSTRUCTION ENTRANCE SHALL BE DETERMINED BY THE CITY SITE PLAN INSPECTOR.
- 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 AT ALL TIMES.
- 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.
- 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.
- APPROVED PLANS/CONSTRUCTION CHANGES: ANY CHANGE OR VARIATION FROM CONSTRUCTION DESIGN AS SHOWN ON THE OFFICIALLY APPROVED PLANS SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO SAID CHANGES OR VARIATIONS IN 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.

SANITARY SEWER AND WATER NOTES:

- MINIMUM DEPTH ON ALL WATERLINES SHALL BE THREE (3) FEET.
- ALL WATER LINES SHALL BE CEMENT LINED DUCTILE IRON, CLASS 50. PIPE SHALL BE INSTALLED, TESTED AND DISINFECTED PER CITY OF ROANOKE STANDARDS.
- THE UTILITY CONTRACTOR SHALL COORDINATE WITH THE CITY OF ROANOKE ANY WORK THAT MAY INVOLVE THE POSSIBLE SERVICE DISRUPTION TO EXISTING CUSTOMERS. ANY SERVICE INTERRUPTION SHALL BE KEPT TO AN ABSOLUTE MINIMUM.
- SANITARY SEWER LINES SHALL BE INSTALLED AND TESTED PER CITY OF ROANOKE STANDARDS.
- THE EXACT LOCATIONS OF THE EXISTING WATERLINES & SEWERLINES ARE UNKNOWN, THE CONTRACTOR IS INSTRUCTED TO DETERMINE THE EXACT LOCATION PRIOR TO ANY EXCAVATION.

STORM TABLE	
1 174 LF - 24" RCP CL III; SLOPE = 0.80% INV IN = 1063.35; INV OUT = 1061.95	6 DI-1, GRATE = 1072.00 INV 15" IN = 1066.10; INV 18" IN = 1065.82 INV 24" OUT = 1065.32
2 SDMH RIM = 1075.00 INV 15" IN = 1067.30; INV 24" IN = 1063.35 INV 24" OUT = 1063.35	7 164 LF - 15" RCP CL III; SLOPE = 2.14% INV IN = 1069.58; INV OUT = 1066.10
3 154 LF - 24" RCP CL III; SLOPE = 0.75% INV IN = 1064.50; INV OUT = 1063.35	8 DI-38; L = 8.0'; TOP = 1073.50 INV 15" OUT = 1069.58
4 DI-1, GRATE = 1073.75 INV 24" IN = 1064.50; INV 24" OUT = 1064.50	9 81 LF - 15" RCP CL III; SLOPE = 0.50% INV IN = 1067.70; INV OUT = 1067.30
5 109 LF - 24" RCP CL III; SLOPE = 0.75% INV IN = 1065.32; INV OUT = 1064.50	10 DI-1, GRATE = 1073.75 INV 15" OUT = 1067.70

DATE: FEBRUARY 3, 1994
JOB NO.: 931109
ACAD #: 931109

SCALE: 1" = 20'
DRAWN BY: MMB
CHKD: RGL

REVISIONS

1	REVISE PER CITY REVIEW	MAR 17, 1994
2	REVISE PER CITY REVIEW	FEB 21, 1994
3		
4		
5		
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-LANG-
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COMMUNITY DEVELOPMENT
OF

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