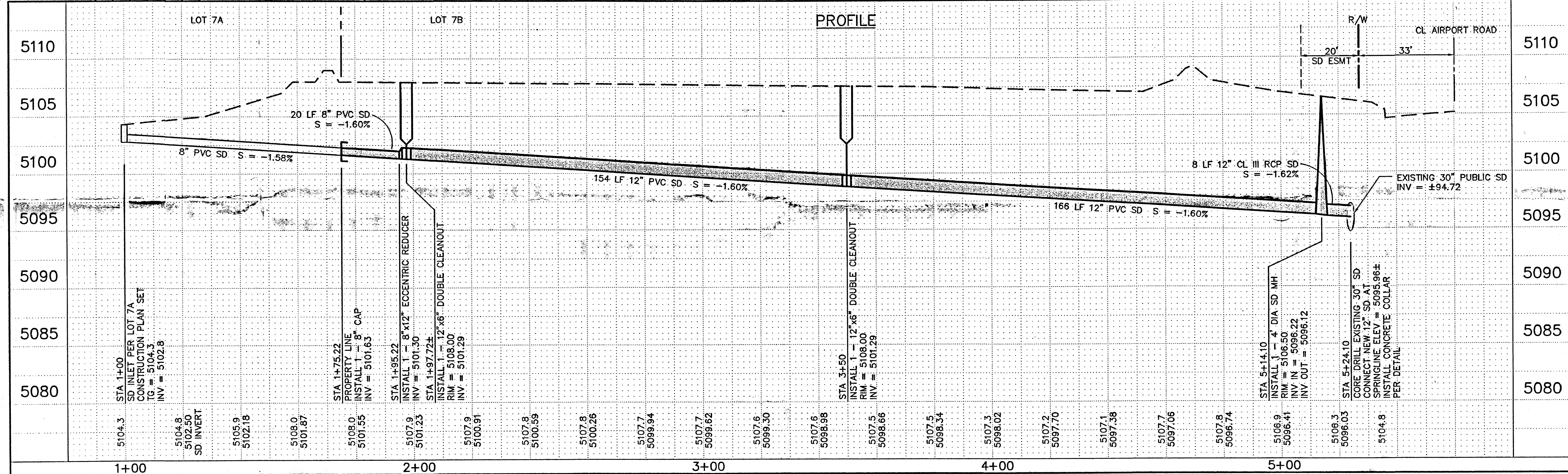
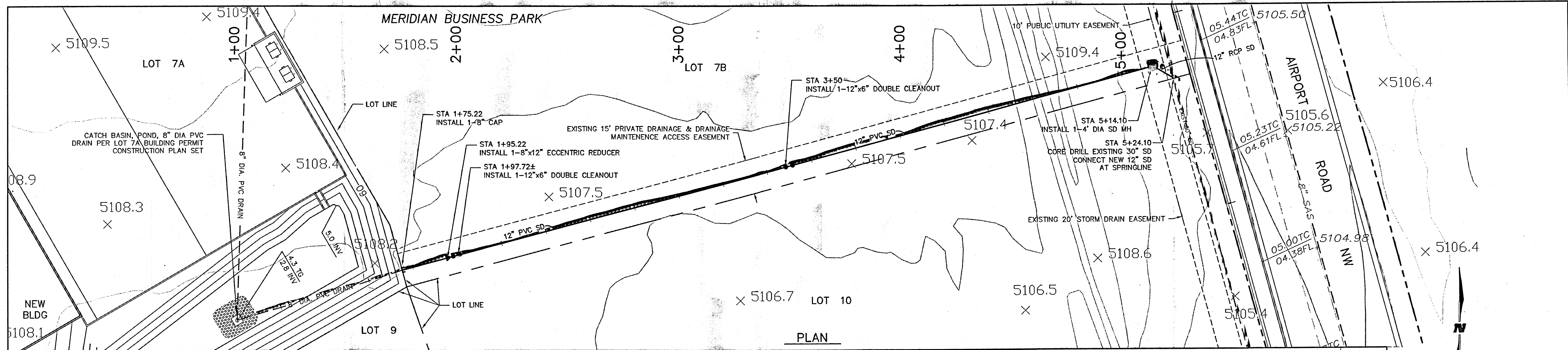
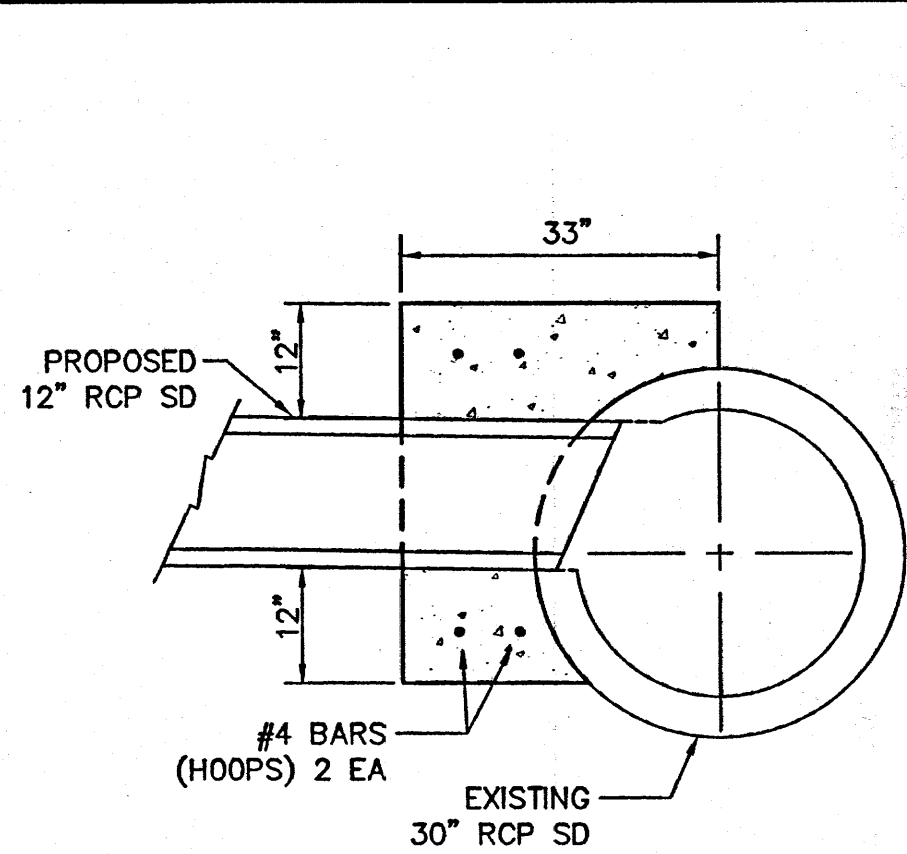
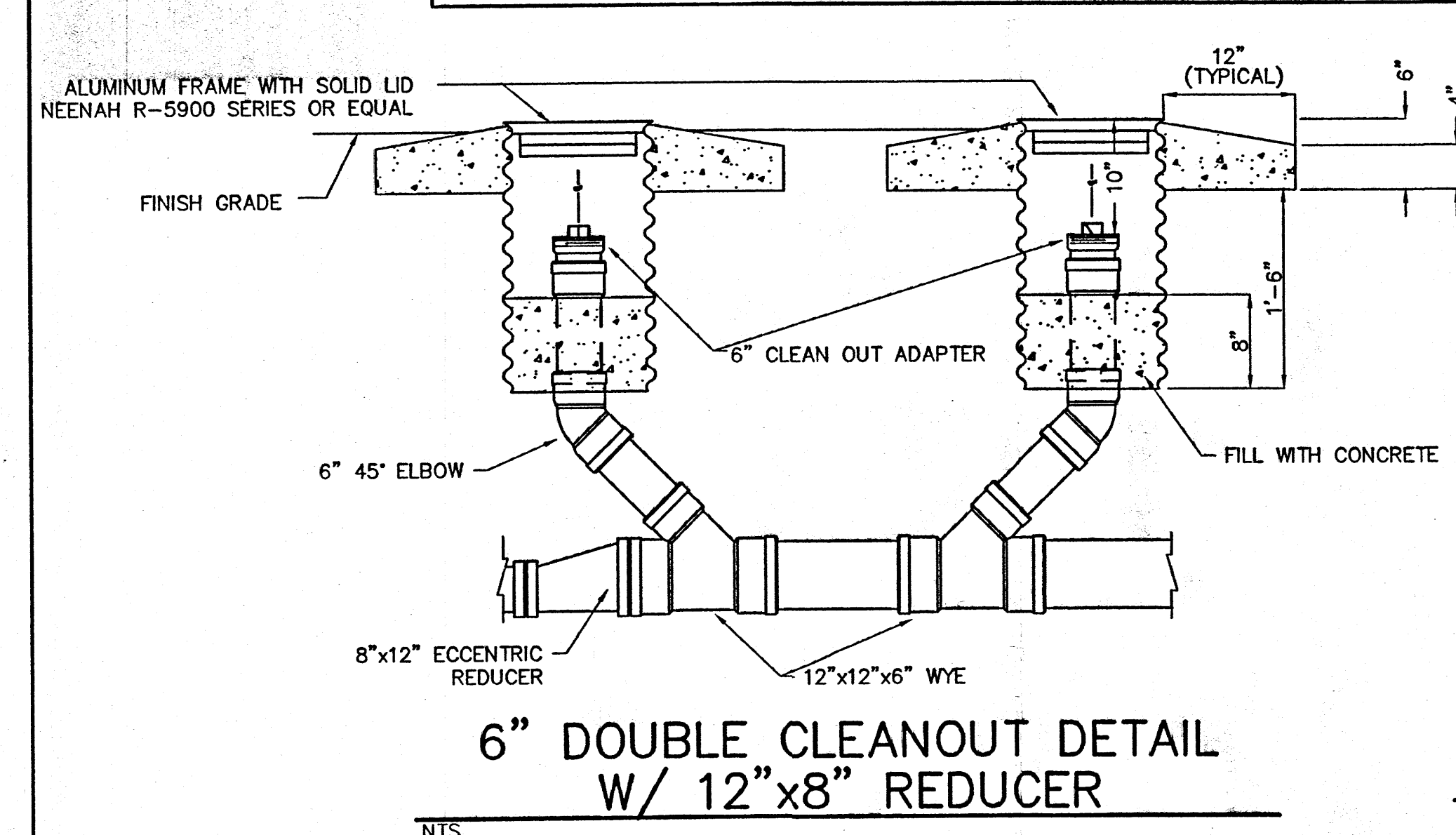




SCALE:
HORIZ: 1" = 20'
VERT: 1" = 5'

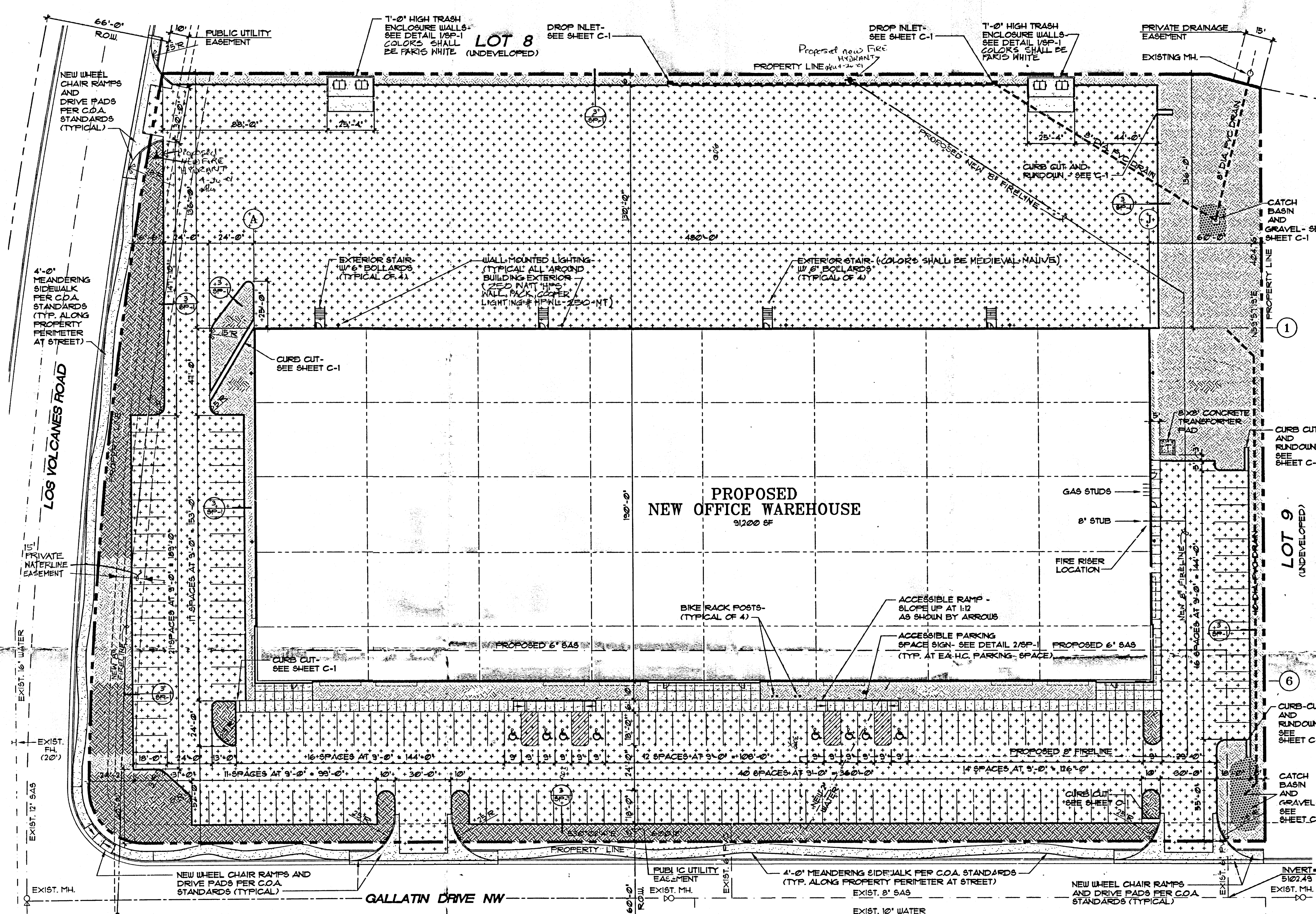


NOTICE TO CONTRACTORS

1. An excavation/barricade permit will be required before beginning any work within City right-of-way.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "City of Albuquerque Standard Specification for Public Works Construction, 1986" latest revision.
3. Two working days prior to any excavation, contractor must contact New Mexico One Call Systems, Inc. 260-1990, for location of existing utilities.
4. Prior to construction, the contractor will excavate and verify the horizontal and vertical locations of all construction. Should a conflict exist, the contractor will notify the Construction Engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to traffic/street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.
7. Work on arterial streets shall be performed on a 24 hour basis.

APPROVAL	NAME	DATE
INSPECTOR		

 WILSON & COMPANY 2600 THE AMERICAN ROAD S.E. SUITE 100 RIO RANCHO, NEW MEXICO 87124 (505) 898-8021	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP MERIDIAN BUSINESS PARK LOTS 7A & 7B SO #19	
	City Project No. XXXX.XX	Zone Map No. J-10
Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
Sheet 1 Of 1		



SIGNATURE BLOCK

01450-00000-00670 D.R.B. CASE NO. 100118/0
E.P.C. CASE NO. 2-92-57

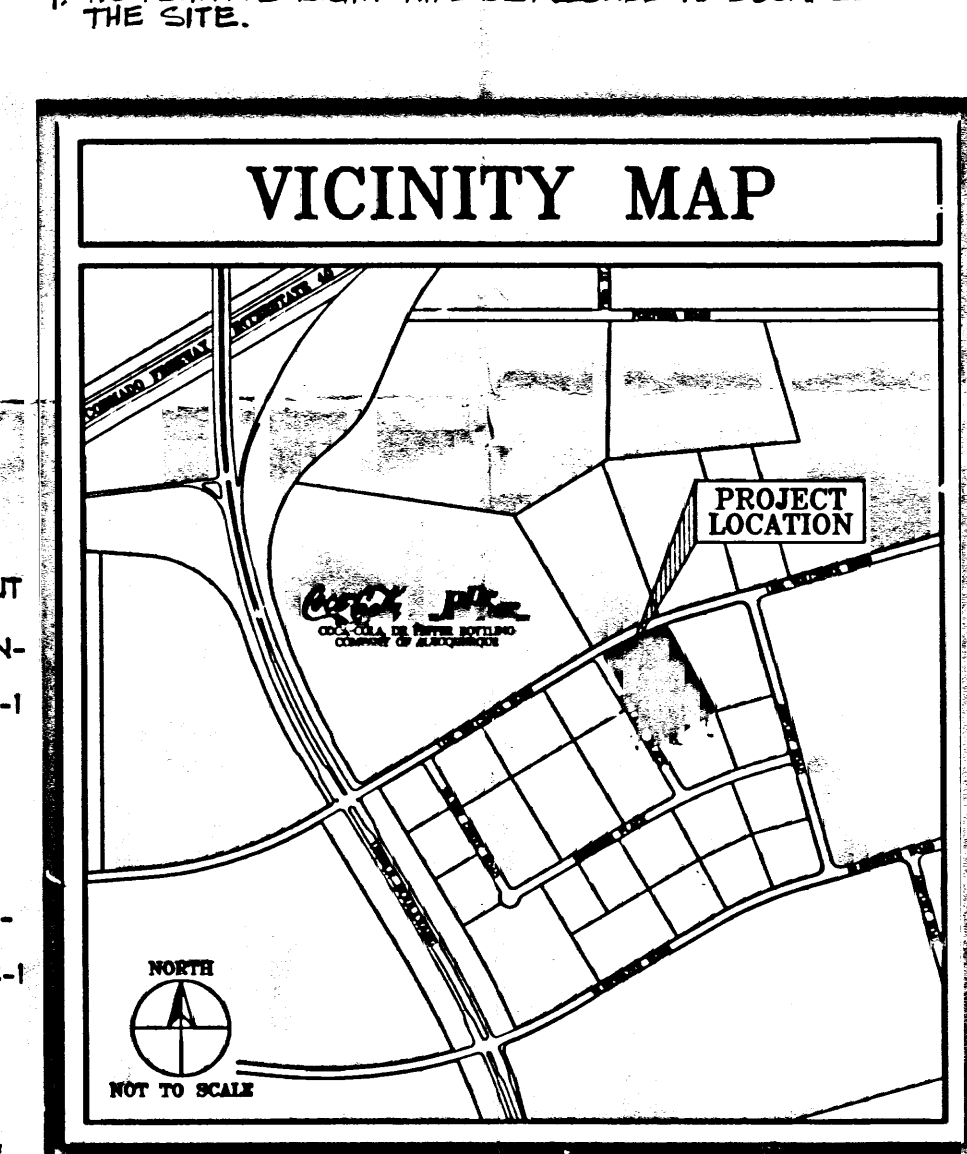
THIS PLAN IS CONSISTENT WITH THE SPECIFIC SITE DEVELOPMENT PLAN APPROVAL BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC) ON 10/15/97, AND THAT THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTICE OF DECISION HAVE BEEN COMPLIED WITH.

SITE DEVELOPMENT PLAN
 DATE: 5/22/01
 DATE: 5/3/01
 DATE: 5/22/01
 DATE: 4/30/01
 DATE: 6/21/01

APPROVAL AND CONDITIONAL ACCEPTANCE: AS SPECIFIED BY THE DEVELOPMENT PROCESS MANUAL.

CITY PLANNER, ALBUQUERQUE
 1077(10706) 4/98

- NOTE:**
- ALL ASPHALT AND CONCRETE CONSTRUCTION MUST BE 100% COMPLETE BEFORE INITIAL CALL FOR TEMPORARY CO.
 - AN AS-BUILT COPY OF THE APPROVED TOL (TRAFFIC CIRCULATION LAYOUT) MUST BE SUBMITTED BY THE DESIGNER OF RECORD, AS REQUIRED BY TRANSPORTATION DEVELOPMENT, (INCLUDING RANDOM FIELD CHECKS) WILL BE MADE BEFORE A FINAL CERTIFICATE OF OCCUPANCY IS ISSUED. PLEASE CALL THIS OFFICE TO OBTAIN TEMPORARY CO.
 - OVERHEAD DOCK DOORS MUST BE INSTALLED ON THE INTERIOR SIDE. THE RETRACTING EQUIPMENT MUST NOT APPEAR ON THE EXTERIOR.
 - NO FUGITIVE LIGHT WILL BE ALLOWED TO ESCAPE THE SITE.



- ### SITE PLAN LEGEND
- INDICATES EXTENT OF LANDSCAPE AREAS. FOR SIZE OF EACH AREA, SEE LANDSCAPE PLAN.
 - INDICATES EXTENT OF ASPHALTIC CONCRETE PAVING. 2" ASPHALT OVER 6" BASE COURSE.
 - INDICATES EXTENT OF CONCRETE PAVING AND CONCRETE SIDEWALKS. CONTROL JOINTS AS SHOWN.
 - PROPERTY LINE.
 - EASEMENT BOUNDARIES.
 - WATER LINE.
 - SEWER LINE.
 - UNDERGROUND RCP OR PVC - SEE GRADING AND DRAINAGE PLANS.
 - ELEC - UNDERGROUND ELECTRICAL LINE.

PROJECT INFORMATION

PROJECT: MERIDIAN BUSINESS PARK
NEW OFFICE WAREHOUSE BUILDING SHELL

LOCATION: 7300 GALLATIN DRIVE NW, ALBUQUERQUE, NEW MEXICO 87104
LOCATED BETWEEN AIRPORT ROAD AND GALLATIN DRIVE

OWNER: BRINACINI CONSTRUCTION CO.
1600 LOS VOLCANES ROAD, SUITE D, ALBUQUERQUE, NEW MEXICO 87121

ARCHITECT: CLAUDIO VIGIL ARCHITECTS
1801 RIO GRANDE BOULEVARD, SUITE 2, ALBUQUERQUE, NEW MEXICO 87104

LEGAL DESCRIPTION: LOT 7A, MERIDIAN BUSINESS PARK

ZONING ATLAS MAP: K-10-2

CURRENT ZONING CLASSIFICATION: IP, INDUSTRIAL PARK ZONE

PROPOSED ZONING CLASSIFICATION: IP, INDUSTRIAL PARK ZONE

BUILDING FUNCTION: BUILDING SHELL FOR FUTURE OFFICE WAREHOUSE SPACE.

CONSTRUCTION TYPE: TYPE II-N CONSTRUCTION WITH 100% AUTOMATIC FIRE SPRINKLER SYSTEM.

ALLOWABLE AREA:
GROUP B AND S-1 OCCUPANCIES, TYPE II-N CONSTRUCTION, 100% AUTOMATIC FIRE SPRINKLER SYSTEM AND MINIMUM 60'-0" YARDS ON ALL SIDES - UNLIMITED AREA

TOTAL BUILDING AREA: 91200 SQUARE FEET
TOTAL LOT AREA: 253,444 SQUARE FEET, 5.8 ACRES
NET LOT AREA: 162,244 SF.
TOTAL PARKING/PAVED AREA: 119,385 SF.
TOTAL LANDSCAPE AREA REQUIRED: 24,336.6 SF.
TOTAL LANDSCAPE AREA PROVIDED: 35,751 SF.
LANDSCAPE TO PARKING AREA RATIO: 33 TO 1

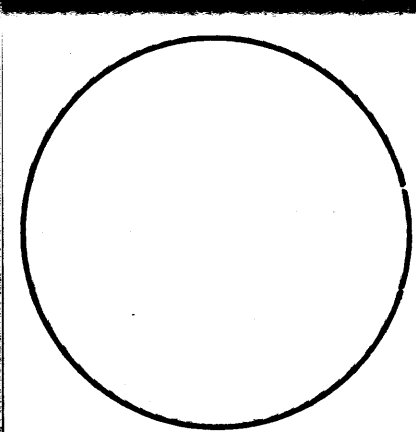
PARKING ANALYSIS:
 OFFICE AREA - 9120/200 = 45.6 SPACES
 WAREHOUSE AREA - 82,080/2000 = 41.0 SPACES
 TOTAL = 87 SPACES
 TOTAL PARKING SPACES REQUIRED = 87 PARKING SPACES
 TOTAL PARKING SPACES PROVIDED = 195 PARKING SPACES (INCLUDES 8 VAN ACCESSIBLE PARKING SPACES)

PARKING SPACE SIZES:
 REGULAR CAR PARKING SPACES = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG.
 VAN ACCESSIBLE HANDICAP PARKING SPACE = 9'-0" x 18'-0" WITH A 2'-0" OVERHANG AND A 5'-0" WIDE ACCESS STRIP.

BICYCLE SPACES:
 REQUIRED PARKING - 87/20 = 4.35 BICYCLES
 TOTAL BICYCLE SPACES REQUIRED = 5 BICYCLE SPACES
 TOTAL BICYCLE SPACES PROVIDED = 8 BICYCLE SPACES
 4 BIKE RACK POSTS AT 2 BICYCLES PER POST

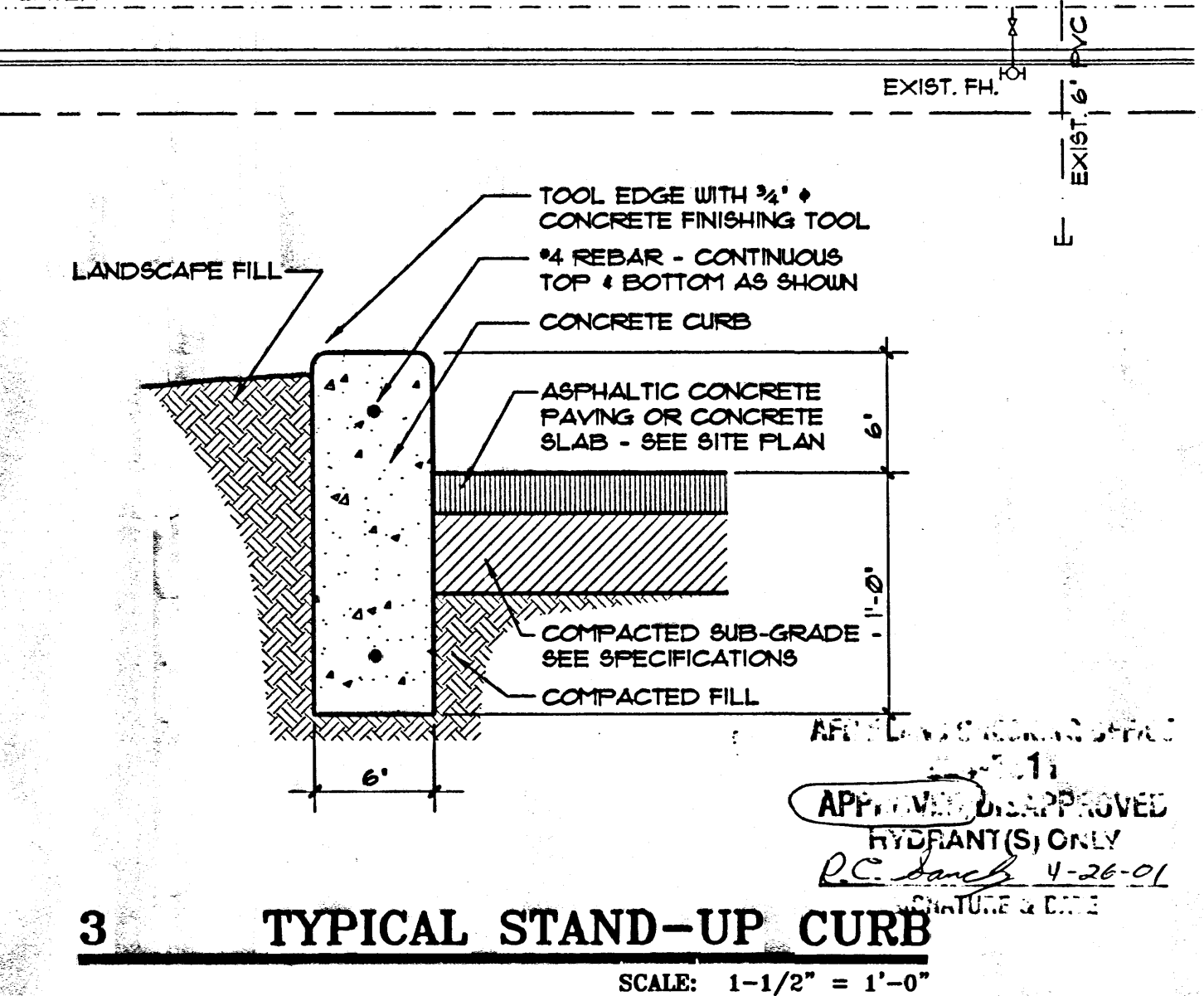
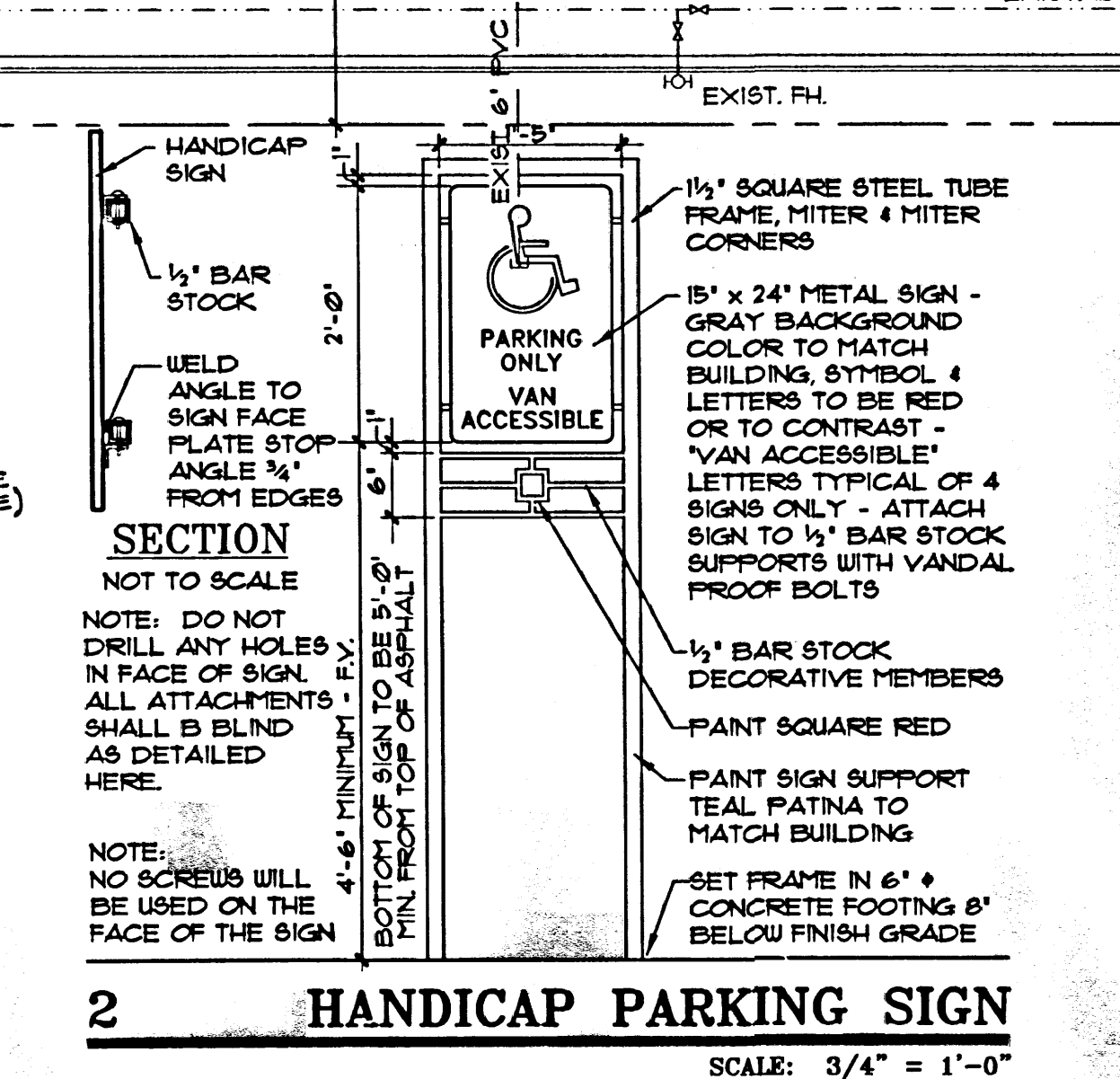
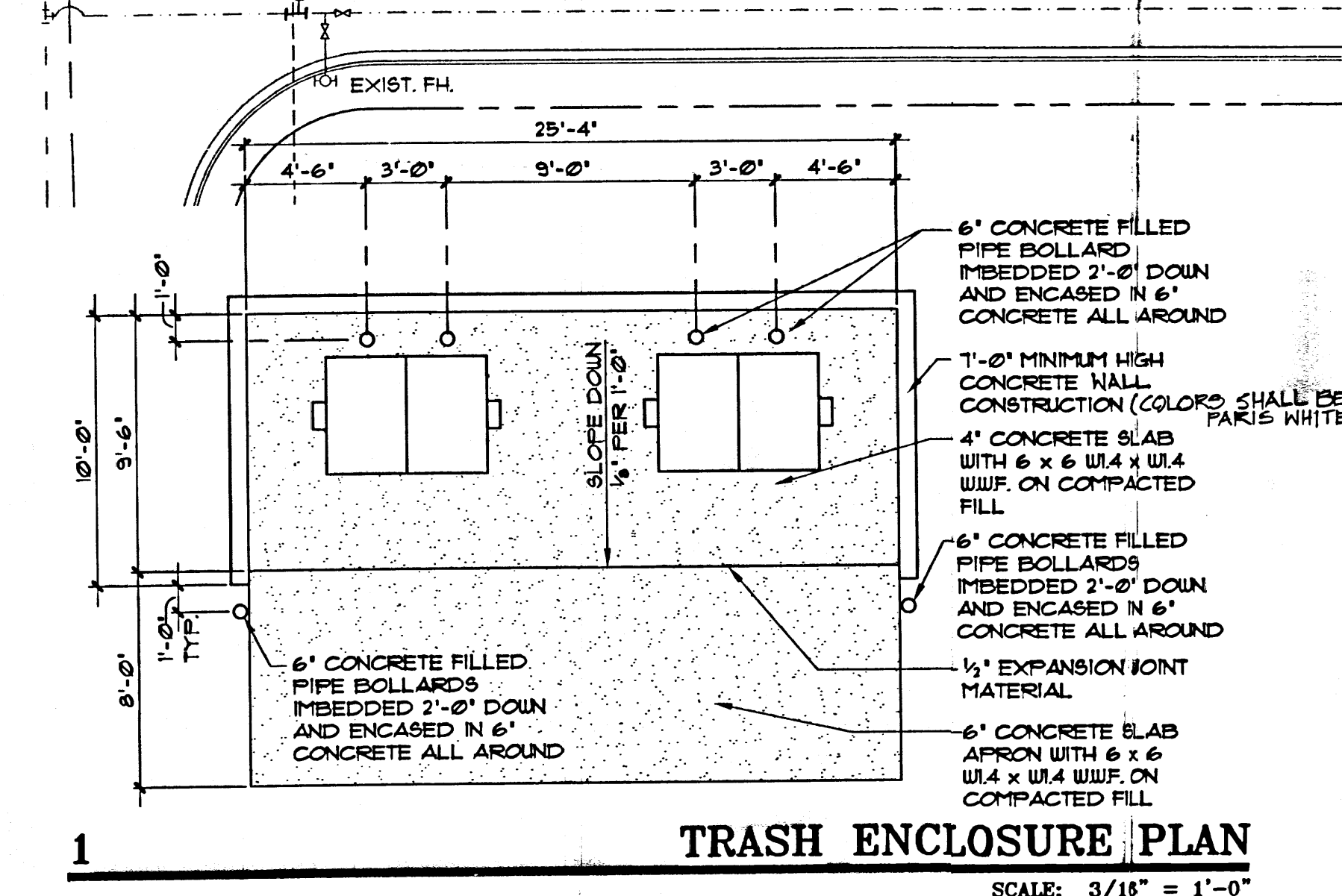
SITE PLAN
 APRIL 26, 2001 1"=30'-0"


CLAUDIO VIGIL ARCHITECTS
MERIDIAN LOT 7A
NEW OFFICE WAREHOUSE
 7300 GALLATIN DRIVE NW
 ALBUQUERQUE, NEW MEXICO

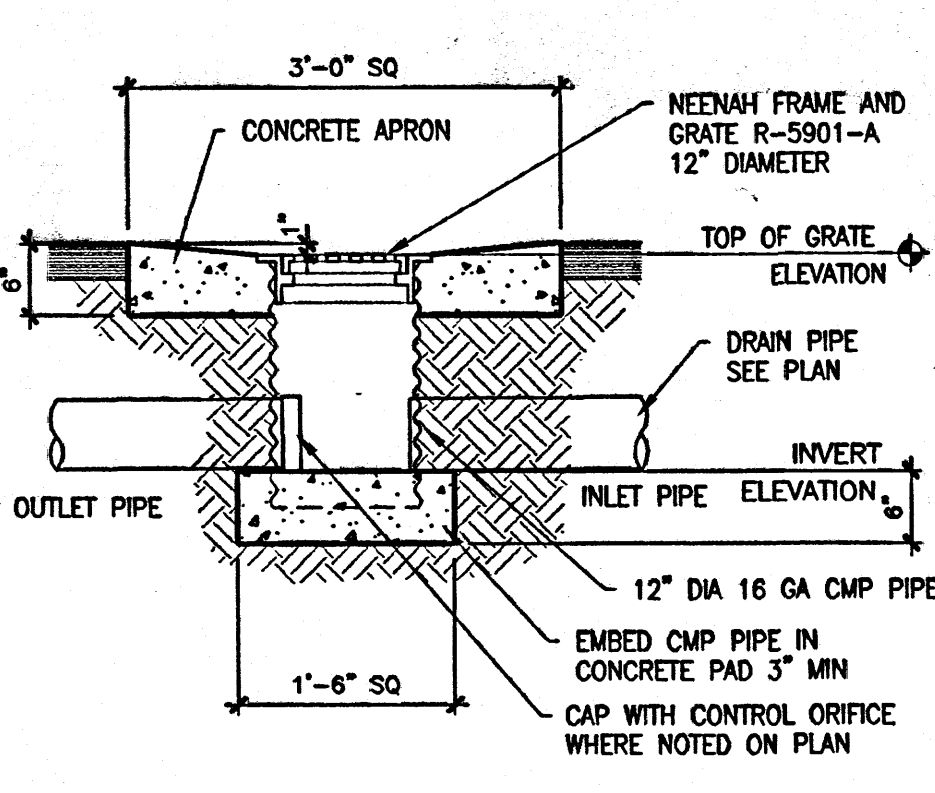
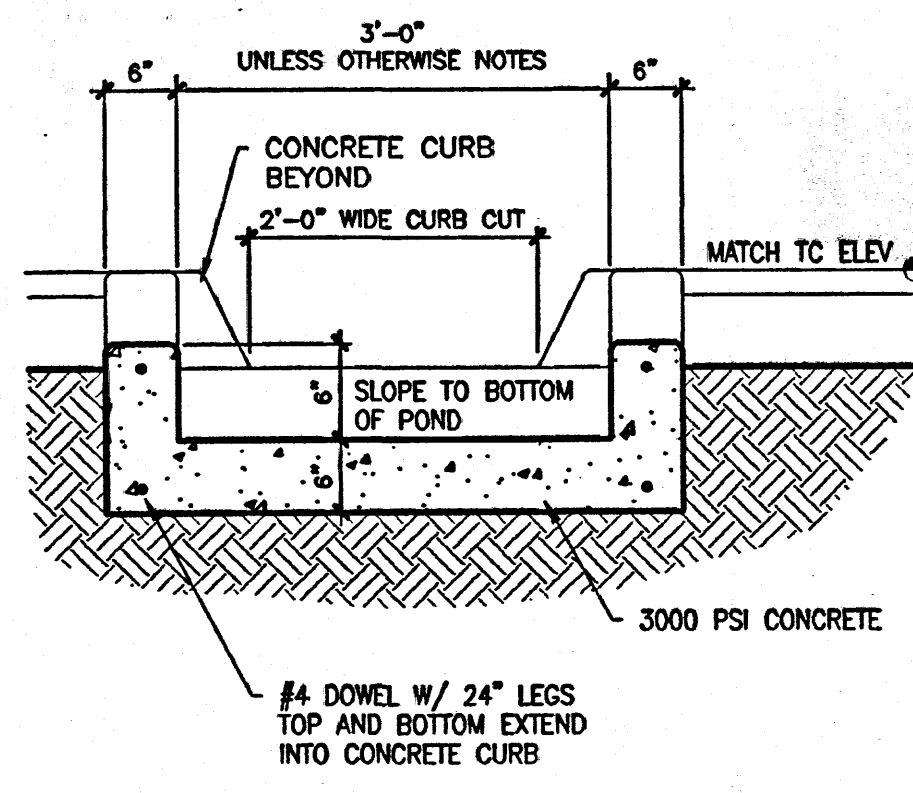

SHEET
SP-1
 PROJECT NUMBER 01010

OWNERSHIP OF INSTRUMENTS OF SERVICE
 All design concepts, details, plans, specifications, computer files, field data, notes and other documents and instruments prepared by Claudio Vigil Architects, P.C. as instruments of service shall remain the property of Claudio Vigil Architects, P.C. Claudio Vigil Architects, P.C. shall retain all common law, statutory and other reserved rights, including the copyright thereto.

1801 Rio Grande NW, #2, Albuquerque, NM 87104
 Phone: 505/842-1113 Fax: 505/842-1330



- LEGEND:
- 51.0 EXISTING SPOT ELEVATION
 - 51.00 NEW SPOT ELEVATION
 - 51 — EXISTING CONTOUR
 - 51 — NEW CONTOUR
 - SWALE
 - VERIFIED ELEVATION AS BUILT ELEVATION
 - BASIN BOUNDARY
 - PROPERTY LINE
 - FL FLOW LINE
 - GND GROUND
 - INV INVERT
 - TA TOP OF ASPHALT
 - TC TOP OF CURB
 - TG TOP OF GRATE
 - TW TOP OF CONCRETE SLAB
 - TW TOP OF WALL
 - TBM TEMPORARY BENCH MARK
 - GRAVEL



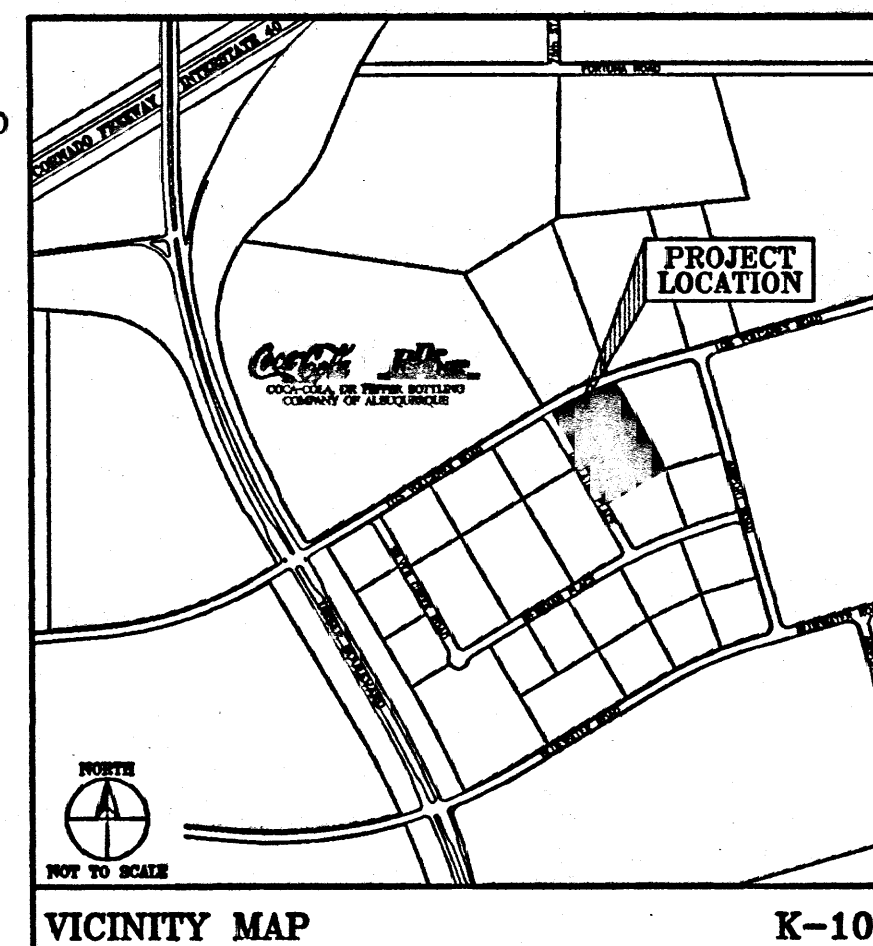
ADDRESS:
7300 GALLATIN DRIVE, NW
LOT 7A, MERIDIAN BUSINESS PARK

LEGAL DESCRIPTION:
THE SOUTHEAST CORNER OR UNSER BOULEVARD AND LOS VOLCANES ROAD ELEVATION = 5142.79 FT.

CONSTRUCTION NOTES:

- TWO WORKING DAY PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CALL FOR LOCATION OF EXISTING UTILITIES.
- ALL WORK WITHIN THE CITY RIGHT OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE CITY OF ALBUQUERQUE STANDARD AND PROCEDURE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, LAWS, AND RULES CONCERNING SAFETY AND HEALTH.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE EXISTING SITE CONDITIONS AND INFORM THE ARCHITECT / ENGINEER OF ANY DISCREPANCY BETWEEN THE INFORMATION SHOWN THE PLANS AND THOSE OF THE EXISTING SITE.
- THE OWNER SHALL VERIFY LOCATIONS OF PONDS WITH GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH ANY CONSTRUCTION WORK ON THIS PROJECT, AND INFORM THE ARCHITECT / ENGINEER OF ANY ADDITIONAL REQUIREMENTS.

BENCH MARK:
ACS MONUMENT 10-K10 LOCATED AT THE SOUTHEAST CORNER OR UNSER BOULEVARD AND LOS VOLCANES ROAD ELEVATION = 5142.79 FT.



GRADING AND DRAINAGE PLAN - LOT 7A

DRAINAGE PLAN

THE FOLLOWING ITEMS CONCERNING THE LOT-7A, MERIDIAN BUSINESS PARK GRADING AND DRAINAGE PLAN ARE CONTAINED HEREON:

- VICINITY MAP
- GRADING PLAN
- CALCULATIONS

THE PROPOSED IMPROVEMENTS, AS SHOWN BY THE VICINITY MAP, ARE LOCATED ON THE NORTH SIDE OF MERIDIAN PLACE N.W. THE SITE IS UNDEVELOPED. THE LAND SLOPES FROM WEST TO EAST AT AN APPROXIMATE SLOPE OF 1.5%. THE SITE WAS IN A FLOOD HAZARD ZONE, BUT THE CONSTRUCTION OF THE UNSER DIVERSION CHANNEL REMOVED THE SITE FROM THE FLOOD HAZARD ZONE.

THE MASTER DRAINAGE PLAN FOR THIS SUBDIVISION WAS PREPARED BY EASTERN AND ASSOCIATES. THE MASTER PLAN ESTABLISHED A DISCHARGE RATE OF 0.10 CFS/ACRE AND REQUIRES TEMPORARY DIVERSION DITCHES AND PONDS TO CONTROL THE RUNOFF BE CONSTRUCTED ON EACH LOT.

THIS SITE IS HIGHER THAN THE LAND TO THE EAST AND SOUTH. THE STREETS TO THE NORTH AND WEST PREVENTS OFF SITE FLOWS FROM THOSE DIRECTIONS. THEREFORE OFF SITE FLOWS ARE NOT CONSIDERED SIGNIFICANT.

THE GRADING PLAN SHOWS:

- THE EXISTING AND PROPOSED GRADES, INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1'-0" INTERVALS.
- CONTINUITY BETWEEN EXISTING AND PROPOSED ELEVATIONS.
- THE LIMIT AND CHARACTER OF EXISTING IMPROVEMENTS, AND
- THE LIMIT AND CHARACTER OF THE PROPOSED IMPROVEMENTS.

THE PROPOSED IMPROVEMENTS CONSIST OF A WAREHOUSE / OFFICE WITH ASSOCIATED PARKING AND LANDSCAPING. THE RUNOFF FROM THE SITE FLOW TO DETENTION POND A LOCATED AT THE EAST CORNER OF THE SITE. THE POND DISCHARGES TO A PRIVATE STORM DRAIN AT A RATE OF 0.58 CFS (0.1 CFS/ACRE).

THE CALCULATIONS ANALYZE THE EXISTING AND PROPOSED CONDITIONS FOR THE 6-HOUR, 100 YEAR RAINFALL EVENT. THE ANALYSIS IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL VOLUME II. AS SHOWN BY THESE CALCULATIONS, THE RATE AND VOLUME OF RUNOFF WILL INCREASE BUT THE POND(S) WITH CONTROLLED OUTLETS WILL MITIGATE THE INCREASE. THIS PLAN IS IN CONFORMANCE WITH THE MASTER DRAINAGE PLAN.

CALCULATIONS
PRECIPITATION ZONE = 1
TOTAL SITE AREA = 5.818 ACRES

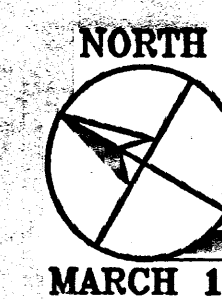
BASIN A
AREA = 5.818 ACRES
EXISTING CONDITIONS
LAND TREATMENT A=100%
E = 0.44(1.00) = 0.44 INCHES
V = 0.44 (5.818) / 12 = 0.213 ACRE FEET
Q = 1.29 (1.00) (5.818) = 7.51 CFS

DEVELOPED CONDITIONS
LAND TREATMENT B=10% D=90%
E = 0.67 (0.10) + 1.97 (0.90) = 1.84 INCHES
V = 1.84 (5.818) / 12 = 0.892 ACRE FEET
Q = [2.03 (0.10) + 4.37 (0.90)] (5.818) = 24.06 CFS
INCREASE IN VOLUME OF RUNOFF = 0.679 ACRE FT
INCREASE IN RATE OF RUNOFF = 16.56 CFS

POND VOLUME BASIN A
T_p = 0.2 HR
T_p = 2.107 E At / Qp - 0.25 Ad / At = 0.225 HR
T_p = (0.7 Tc) + ((1.6 - Ad / At) / 12) = 0.198 HR
V_{required} = 39,602 CF

VOLUME @ ELEV 5108.75
V_{at dock} = [0.5 * (23432 + 14772) * 0.75] + [0.5 * (14772) * 1] = 21,713 CF
V_{pond} = [0.5 * (7637 + 6722) * 0.75]
+ [0.5 * (6722) + 5175 + 3807 + (0.5 * 2679)] = 19,157 CF
TOTAL POND VOLUME POND A = 21,713 + 19,157 = 40,870 CF

DISCHARGE PIPE SIZES AT POND A
Q = 0.1 * 5.818 = 0.58 CFS = 0.60 A @ 2 (32.2) (3.85)
DIA = 0.27 INCHES USE 3 1/4" DIA ORIFICE



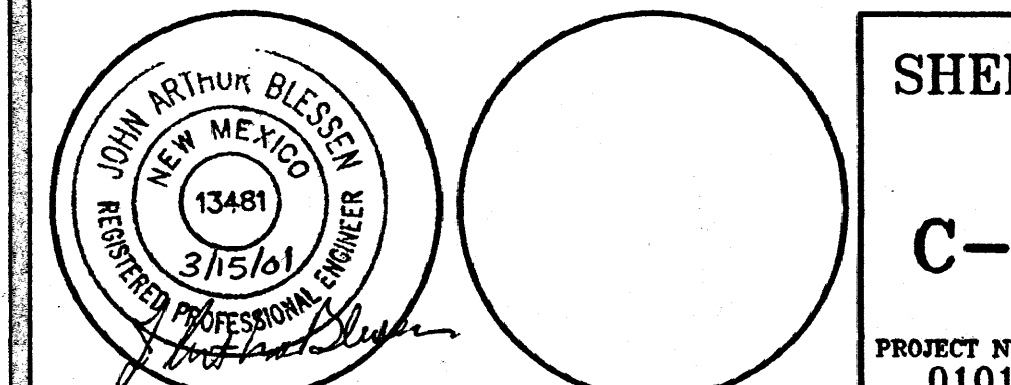
GRADING AND DRAINAGE PLAN

MARCH 15, 2001

1"=30'-0"

CLAUDIO VIGIL ARCHITECTS

MERIDIAN LOT 7A
NEW OFFICE WAREHOUSE
7300 GALLATIN DRIVE, N.W.
ALBUQUERQUE, NEW MEXICO

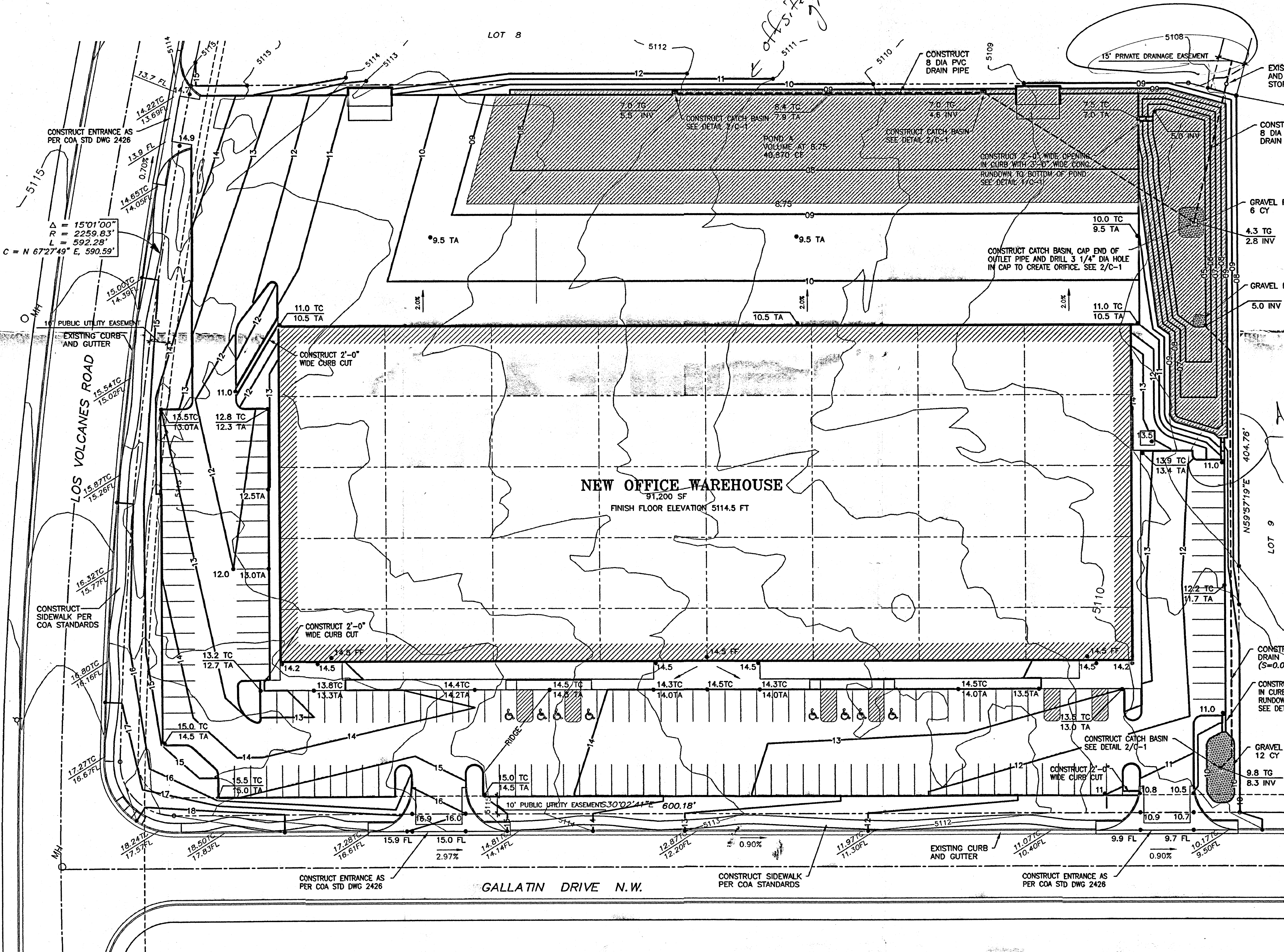
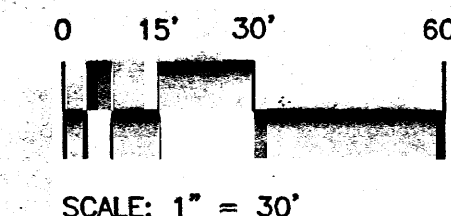


SHEET

C-1

PROJECT NUMBER
01010

1305 Tijeras NW Albuquerque, NM 87102-2882
Phone: 505/842-1113 Fax: 505/842-1330



1 CONCRETE RUNDOWN

UNLESS OTHERWISE NOTES

3'-0" SQ

6"

CONCRETE CURB BEYOND

2'-0" WIDE CURB CUT

MATCH TO ELEV

SLOPE TO BOTTOM OF POND

3000 PSI CONCRETE

#4 DOWEL W/ 24" LEGS TOP AND BOTTOM EXTEND INTO CONCRETE CURB

2 CATCH BASIN

3'-0" SQ

CONCRETE APRON

NEENAH FRAME AND GRATE R-5901-A 12" DIAMETER

TOP OF GRATE ELEVATION

DRAIN PIPE SEE PLAN

INVERT

INLET PIPE ELEVATION

OUTLET PIPE

12" DIA 16 GA CMP PIPE

EMBED CMP PIPE IN CONCRETE PAD 3" MIN

CAP WITH CONTROL ORIFICE WHERE NOTED ON PLAN

1'-6" SQ

J. Arthur Blessen 7/27/04
J Arthur Blessen, PE date
NM PE# 13481



CONCRETE PAVEMENT

SPURWAY DR

FARM ROAD

PROJECT LOCATION

Coca-Cola *Bottling Co.*
Coca-Cola Bottling Co. of Alaska, Inc.
CITY OF ANCHORAGE
COUNTY OF ANCHORAGE

NORTH

NOT TO SCALE

K10 0.39 K-10

DISCHARGE PIPE SIZES AT POND A
 $Q = 0.1 \times 5.818 = 0.58 \text{ CFS} = 0.60 \text{ A} \sqrt{2 (32.2) (3.85)}$
 DIA = 0.27 INCHES USE 3 1/4" DIA ORIFICE

