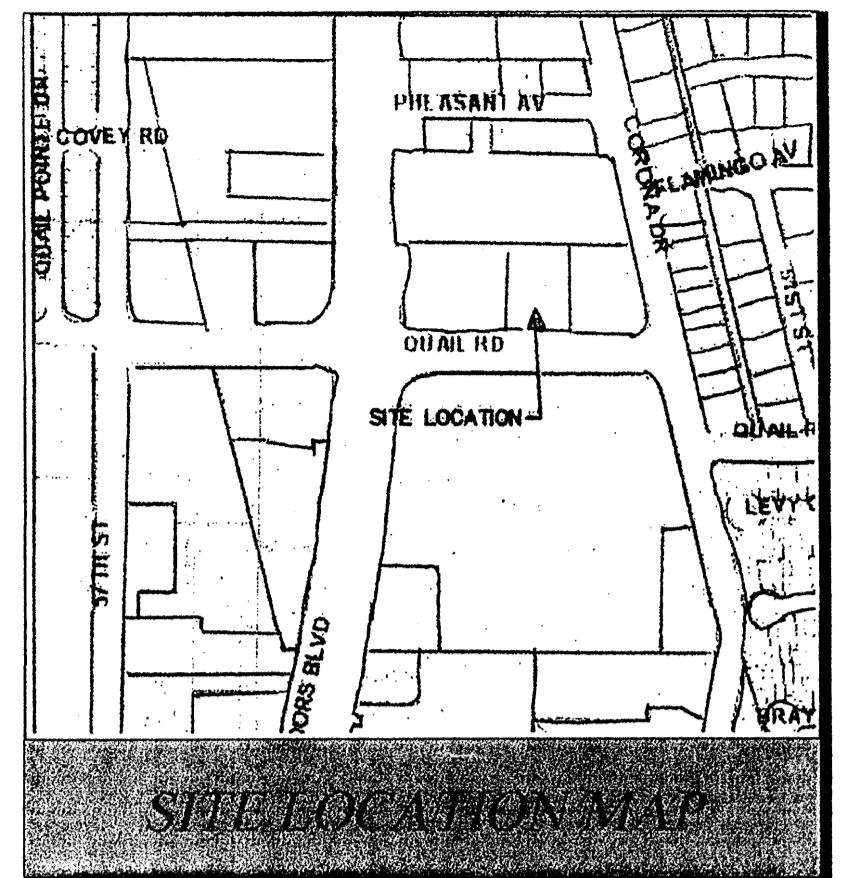
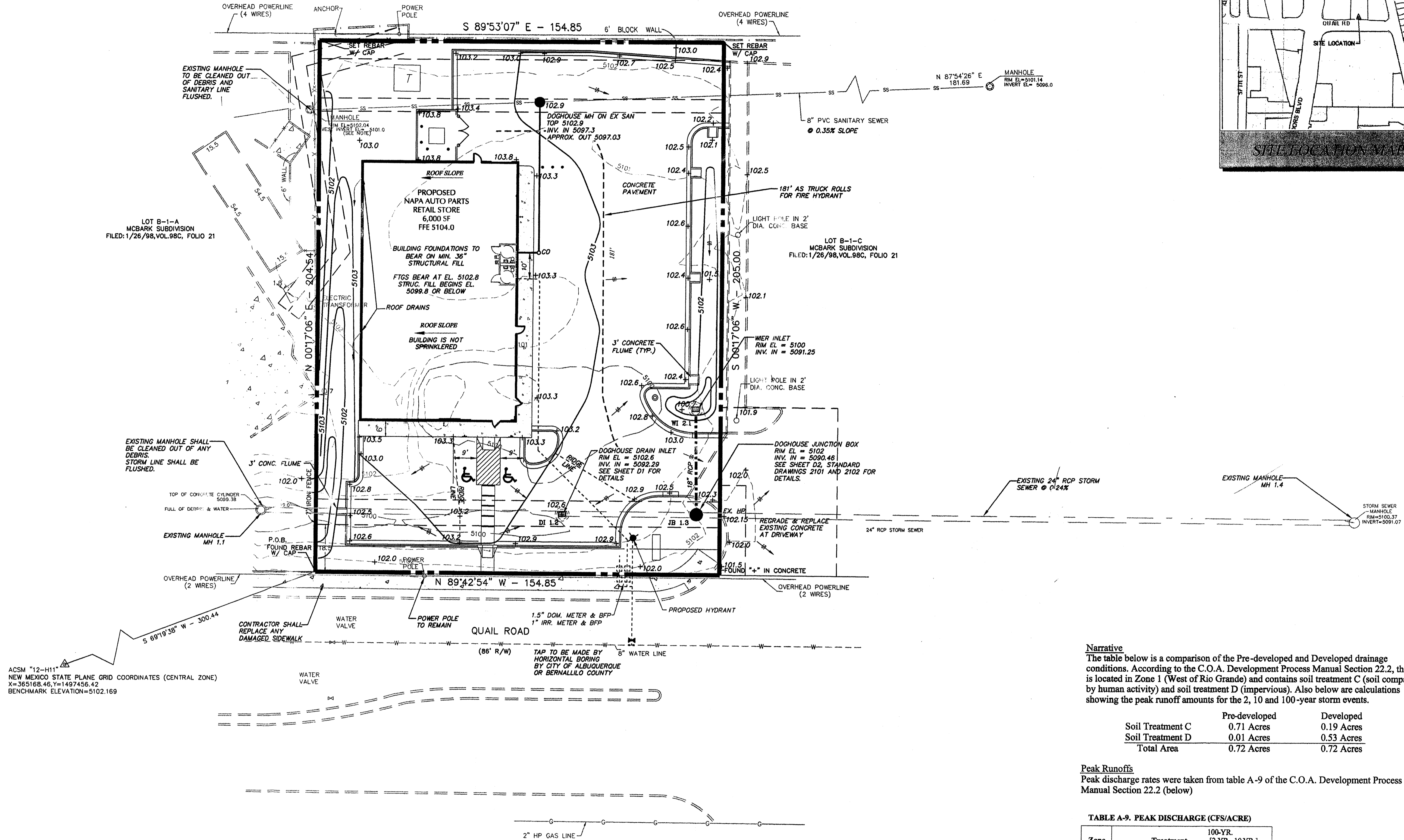


TRACT A-26-B1
TOWN OF ATRISCO GRANT
FILED: 01/14/91, VOL. 91C, FOLIO 17



NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO
2930 QUAIL ROAD, N.W.
FOR
GENUINE PARTS COMPANY
2999 CIRCLE 75 PARKWAY
ATLANTA, GA 30339
PHONE: 770-956-2609

"WE PROVIDE SOLUTIONS"
PLANNERS AND ENGINEERS COLLABORATIVE
SITE PLANNING ■ LANDSCAPE ARCHITECTURE ■ CIVIL ENGINEERING ■ LAND SURVEYING
350 RESEARCH COURT ■ NORCROSS, GEORGIA 30092 ■ (770) 451-2741 ■ FAX (770) 451-3915 ■ WWW.PE.CATL.COM

REVISIONS:

NO.	DATE	BY	DESCRIPTION
-1	04/13/05	CO	C.O.A. COMMENTS

Narrative
The table below is a comparison of the Pre-developed and Developed drainage conditions. According to the C.O.A. Development Process Manual Section 22.2, this site is located in Zone 1 (West of Rio Grande) and contains soil treatment C (soil compacted by human activity) and soil treatment D (impervious). Also below are calculations showing the peak runoff amounts for the 2, 10 and 100-year storm events.

	Pre-developed	Developed
Soil Treatment C	0.71 Acres	0.19 Acres
Soil Treatment D	0.01 Acres	0.53 Acres
Total Area	0.72 Acres	0.72 Acres

Peak Runoffs
Peak discharge rates were taken from table A-9 of the C.O.A. Development Process Manual Section 22.2 (below)

TABLE A-9. PEAK DISCHARGE (CFS/ACRE)

Zone	Treatment				100-YR. [2-YR., 10-YR.]			
	A	B	C	D	A	B	C	D
1	1.29 [0.00, 0.24]	2.03 [0.03, 0.76]	2.87 [0.47, 1.49]	4.37 [1.69, 2.89]	1.29	2.03	2.87	4.37
2	1.56 [0.00, 0.38]	2.28 [0.08, 0.95]	3.14 [0.60, 1.71]	4.70 [1.86, 3.14]	1.56	2.28	3.14	4.70
3	1.87 [0.00, 0.58]	2.60 [0.21, 1.19]	3.45 [0.78, 2.00]	5.02 [2.04, 3.39]	1.87	2.60	3.45	5.02
4	2.20 [0.05, 0.87]	2.92 [0.38, 1.45]	3.73 [1.00, 2.26]	5.25 [2.17, 3.57]	2.20	2.92	3.73	5.25

Pre-developed	Developed
2-year storm $Q_2 = (0.47 * 0.71ac) + (1.69 * 0.01) = 0.35$ cfs	2-year storm $Q_2 = (0.47 * 0.19ac) + (1.69 * 0.53) = 0.99$ cfs
10-year storm $Q_{10} = (1.49 * 0.71) + (2.89 * 0.01) = 1.09$ cfs	10-year storm $Q_{10} = (1.49 * 0.19) + (2.89 * 0.53) = 1.81$ cfs
100-year storm $Q_{100} = (2.87 * 0.71) + (4.37 * 0.01) = 2.08$ cfs	100-year storm $Q_{100} = (2.87 * 0.19) + (4.37 * 0.53) = 2.86$ cfs

BEFORE YOU DIG
UTILITIES PROTECTION CENTER
NEW MEXICO ONE CALL SYSTEM
(505) 260-1990
THROUGHOUT NEW MEXICO
THREE WORKING DAYS BEFORE YOU DIG

PERSONS USING THIS DRAWING SHALL MAKE THEIR OWN DETERMINATION OF THE LOCATION, DEPTH, AND DESCRIPTION OF UNDERGROUND AND OVERHEAD UTILITIES. THE UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM READILY AVAILABLE SOURCES BELIEVED TO BE ACCURATE OR COMPLETE. EXCAVATION OR ELECTRIC DETECTION METHODS WERE NOT USED TO VERIFY THE INFORMATION.

- NOTES:**
- REFERENCE SHOULD BE MADE TO "GEOTECHNICAL ENGINEERING REPORT" PREPARED BY TERRACON, DATED OCTOBER 13, 2004.
 - ALL WATER & SEWER COMPONENTS AND APPURTENANCES TO BE INSTALLED PER CITY OF ALBUQUERQUE STANDARDS.
 - AN INSPECTION BY THE SWMC PLAN CHECKER IS REQUIRED BEFORE THE CONCRETE SLAB OR APRON IS POURED.

24 HOUR CONTACT:
JEFF YEARWOOD (770) 956-2609

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GRADING & UTILITY PLAN

SCALE: 1" = 20'
DATE: OCT. 13, 2004
PROJECT: 04177.00

THIS SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE.

4
SHEET

NAPA AUTO PARTS

NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO

FOR:
GENUINE PARTS COMPANY
 2999 CIRCLE 75 PARKWAY
 ATLANTA, GEORGIA 30339
 PHONE: 770-956-2609

PREPARED BY:

PLANNERS AND ENGINEERS COLLABORATIVE
 SITE PLANNING ■ LANDSCAPE ARCHITECTURE ■ CIVIL ENGINEERING ■ LAND SURVEYING
 350 RESEARCH COURT ■ NORCROSS, GEORGIA 30092 ■ (770)451-2741 ■ FAX (770)451-3915 ■ WWW.PECATL.COM

GENERAL NOTES:

- IF THE CONTRACTOR, IN THE COURSE OF THE WORK, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE LOCALITY, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING, AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
- THE EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN PREPARED FROM THE INFORMATION AVAILABLE TO THE ENGINEER AND MAY NOT BE ACCURATE TO EXTENT OR LOCATIONS. PRIOR TO BEGINNING ANY WORK, THE CONTRACTOR SHALL NOTIFY UTILITIES AND THEN MARK OR REMARK THEIR FACILITIES.
- THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING VEGETATION WHICH DOES NOT UNREASONABLY INTERFERE WITH CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND STAKES.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND LICENSES FOR EXECUTION OF ALL MATERIALS AND THE EXECUTION OF THE WORK SHALL BE IN ACCORDANCE WITH THE STATE, AND LOCAL CODES, RULES, AND REGULATIONS.
- DETENTION FACILITIES AND EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- TESTING SHALL BE PERFORMED OR PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH SECTION 7 OF THE MANUAL OF ACCIDENT PROTECTION IN CONSTRUCTION AS PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, OSHA, AND THE LOCAL REGULATIONS.
- CLEAN-OUTS WILL BE PROVIDED AT ALL TURNING POINTS ON LATERAL LINES.
- ALL WALLS SHOWN ARE TO BE MODULAR BLOCK UNLESS OTHERWISE SHOWN. ALL WALLS 30 INCHES IN HEIGHT OR GREATER SHALL HAVE PROTECTING RAIL. THE CLIENT SHALL BE RESPONSIBLE FOR WALL STRUCTURAL DESIGN, DETAILS, CALCULATIONS, APPROVALS, PERMITS, FEES, INSPECTIONS AND CERTIFICATIONS REQUIRED BY THE GOVERNING AUTHORITY.
- ALL WALL TOPS TO BE SIX INCHES (6") ABOVE GRADE UNLESS OTHERWISE NOTED.
- MAXIMUM CUT OR FILL SLOPES: 2H : 1V. SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF 10' OR GREATER AND CUTS AND FILLS WITHIN STREAM BUFFERS SHALL BE STABILIZED WITH APPROPRIATE MATING OR BLANKETS.
- INDICATED GRADES ARE FINISHED GRADES.
- ALL PARKING LOTS ARE MEASURED FROM FACE OF CURB TO FACE OF CURB.
- ALL WATER VALVES TO BE THE SAME SIZE AS INDICATED WATER LINES.
- CONSTRUCTION EQUIPMENT SHALL NOT BE PARKED IN RIGHT-OF-WAY, AND MUST BE STORED WITHIN THE SITE.

SITE INFORMATION

- TOTAL SITE AREA IS 0.7279 ACRES IN LOT B-1-B, MCBARK SUBDIVISION, CITY OF ALBUQUERQUE, BERNA COUNTY, NEW MEXICO.
- CURRENT ZONING FOR THIS SITE IS SU-1, C-2 USES.
- BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY ALTA/ACSM LAND TITLE SURVEY, PREPARED BY HALL SURVEY CO., DATED OCT. 15, 2004.
- THE VERTICAL DATUM FOR THIS PROJECT IS BASED ON ACSM "12-H11" NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE) X=365168.46, Y=1497456.42 WITH ELEVATION 5102.169.
- LOT B-1-B, MCBARK SUBDIVISION, FALLS IN ZONE "X" AREAS DETERMINED TO BE OUTSIDE OF 500-YEAR FLOODPLAIN PER F.I.R.M. PANEL 327 OF B25, MAP NO. 35001C032, EFFECTIVE DATE SEPTEMBER 20, 1996.

ALL EROSION AND SEDIMENTATION CONTROLS AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.

BEFORE YOU DIG

UTILITIES PROTECTION CENTER

NEW MEXICO ONE CALL SYSTEM
 (505) 260-1990



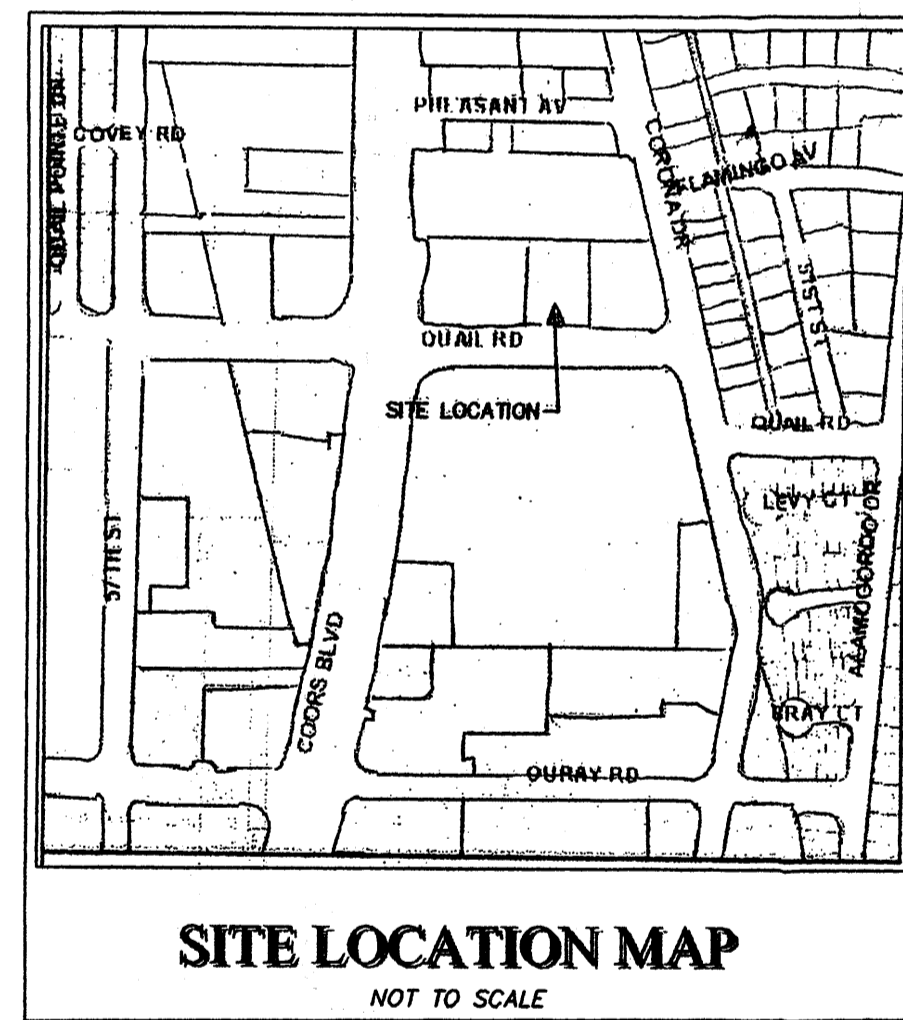
THROUGHOUT NEW MEXICO
 THREE WORKING DAYS BEFORE YOU DIG

PERSONS USING THIS DRAWING SHALL MAKE THEIR OWN DETERMINATION OF THE LOCATION, DEPTH, AND DESCRIPTION OF UNDERGROUND AND OVERHEAD UTILITIES. THE UTILITY INFORMATION SHOWN HEREON WAS OBTAINED FROM READILY AVAILABLE SOURCES BELIEVED TO BE ACCURATE OR COMPLETE. EXCAVATION OR ELECTRIC DETECTION METHODS WERE NOT USED TO VERIFY THE INFORMATION.

CONSTRUCTION SCHEDULE:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1. PLACE CONSTRUCTION ERT																				
2. PLACE EROSION AND SEDIMENT CONTROL DEVICES AND MAINTAIN																				
3. CONSTRUCT STORM DRAIN SYSTEM																				
4. GRADE TEMPORARY CONSTRUCTION SWALES TO SEDIMENT CONTROL PONDS ON SITE																				
5. CLEAR AND STRIP																				
6. GRADE ROAD, CONSTRUCT BUILDING																				
7. CONCRETE CURBING AND PAVING WILL BE INSTALLED AFTER UTILITY INSTALLATION HAS BEEN COMPLETED																				

Sediment and erosion control measures to be inspected daily.



SITE LOCATION MAP
 NOT TO SCALE

SHEET INDEX

SHEET # 1	COVER SHEET
SHEET # 2	ALTA/ACSM LAND TITLE SURVEY
SHEET # 3	SITE PLAN
SHEET # 4	GRADING & UTILITY PLAN
SHEET # 5	INITIAL EROSION AND SEDIMENT CONTROL PLAN
SHEET # 6	FINAL EROSION AND SEDIMENT CONTROL PLAN
SHEET # 7-8	EROSION AND SEDIMENT CONTROL DETAILS
SHEET # 9	TREE PROTECTION & REPLACEMENT PLAN
SHEET # 10	STORM & SANITARY SEWER PROFILES
SHEET # D1 - D3	DETAIL SHEETS

PRELIMINARY PLAN
 APPROVED BY DRB
 ON 9/28/05

DRAWING LEGEND:

FINISHED FLOOR ELEVATION	FF 981.67
PROPOSED SPOT ELEVATION	980.25 +
SILT FENCE	
DRAINAGE SWALE	
DIRECTION OF SLOPE	
EXISTING CONTOUR	982
PROPOSED CONTOUR	982
EXISTING WATER MAIN	W
PROPOSED WATER MAIN AND SIZE	W 8"
PROPOSED WATER SERVICE LINE AND SIZE	W 4"
EXISTING WATER VALVE	WV
PROPOSED WATER VALVE	WV
EXISTING WATER METER	WM
EXISTING FIRE HYDRANT	EX FH
PROPOSED FIRE HYDRANT WITH VALVE	FH
PROPOSED HOSE BIBB	HB
EXISTING SANITARY SEWER LINE	S
PROPOSED SANITARY SEWER LINE	S
EXISTING SANITARY SEWER MANHOLE	EX MH
PROPOSED SANITARY SEWER MANHOLE	MH
EXISTING STORM SEWER LINE	ST
PROPOSED STORM SEWER LINE	ST
EXISTING SINGLE WING CATCH BASIN	EX CB
PROPOSED SINGLE WING CATCH BASIN	SWCB
EXISTING DOUBLE WING CATCH BASIN	EX DCB
PROPOSED DOUBLE WING CATCH BASIN	DWCB
EXISTING JUNCTION BOX	EX JB
PROPOSED JUNCTION BOX	JB
EXISTING DROP INLET OR YARD INLET	EX D.I. or Y.I.
PROPOSED DROP INLET OR YARD INLET	DI or YI
PROPOSED DROP INLET W/CONCRETE APRON @ CORNER OF CURB	DI
EXISTING WEIR INLET	EX WI
PROPOSED WEIR INLET	WI
EXISTING HOODED GRATE CURB INLET	EX C.I.
PROPOSED HOODED GRATE CURB INLET	HG
EXISTING HEADWALL	EX HW
PROPOSED HEADWALL	HW
CONCRETE WALL	
"MESA TYPE" WALL	
TOP OF WALL ELEVATION	TW 983.50 +
TYPICAL WALL LABELS	

TW = TOP OF WALL
 FG = FINISHED GRADE
 BF = BOTTOM OF FOOTING

FIELD STAKING LEGEND

ITEM STAKED	SYMBOL	COLOR OF FLAGGING
BOUNDARY TRAVERSE POINT	△ 2	ORANGE-GLO
PROPERTY CORNERS	○	YELLOW & WHITE STRIPE
CLEARING LIMITS	○ CENTER	PINK-GLO
CENTERLINE	○	YELLOW
POINT OF INTERSECTION	○ P.I.	RED
CENTERLINE INTERSECTION	○ INT	RED
END OF STREET	○ END ST	RED
CURB OFFSET	○ 1" B.O.C.	ORANGE
BUILDING CORNER	○ BLDG. COR 2	BLUE
BUILDING CORNER OFFSET	○ 1" BLDG. COR 2	BLUE & WHITE STRIPE
SANITARY SEWER		WHITE
STORM SEWER		RED & WHITE STRIPE
BENCHMARK	B.M.	LIME-GLO
TEMPORARY BENCHMARK	T.B.M.	LIME-GLO
TOPO GRID		LIME-GLO
WATER		ORANGE & WHITE STRIPE
MISCELLANEOUS		GREEN

DEVELOPMENT CONTACTS

OWNER CONTACT:
 JEFF YEARWOOD
 GENUINE PARTS COMPANY
 2999 CIRCLE 75 PARKWAY
 ATLANTA, GEORGIA 30339
 PHONE: (770) 956-2609
 FAX: (770) 956-2210

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 MAILING ADDRESS:
 P.O. BOX 1293
 ALBUQUERQUE, NM 87103-1293

PEC CONTACT
 MICHAEL S. TWINER
 350 RESEARCH COURT
 NORCROSS, GEORGIA 30092
 PHONE: (770) 451-2741
 FAX: (770) 451-3915

LOCATION:
 CITY/COUNTY GOVERNMENT CENTER
 ONE CIVIC PLAZA NW - ROOM 1026 (FIRST FLOOR)
 5TH & MARQUETTE'S
 ALBUQUERQUE, NM 87102
 PHONE:
 PLANNING DEPT: (505) 924-3860
 DRB (505) 924-3946

ARCHITECTURAL CONTACT:
 BOB NITISHIN
 OSWELL-NITISHIN ARCHITECTURE
 1234 POWERS FERRY COMMONS
 SUITE 105
 MARIETTA, GEORGIA 30067
 PHONE: (770) 956-8879
 FAX: (770) 956-8931

BERNALILLO COUNTY
 MR. KEVIN GROVETT
 2400 BROADWAY SE
 BUILDING N
 ALBUQUERQUE, NM 87102
 PHONE: (505) 848-1532
 FAX: (505) 848-1510

NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO
 5201 QUAIL ROAD, N.W.

FOR:
 GENUINE PARTS COMPANY
 2999 CIRCLE 75 PARKWAY
 ATLANTA, GEORGIA 30339
 PHONE: 770-956-2609

LOT B-1-B
 MCBARK SUBDIVISION

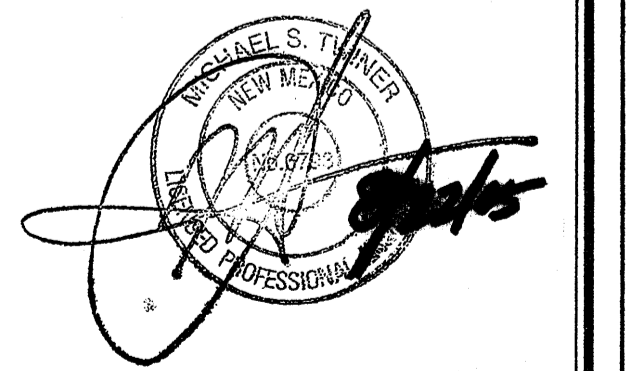
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 350 RESEARCH COURT ■ NORCROSS, GEORGIA 30092 ■ (770)451-2741 ■ FAX (770)451-3915 ■ WWW.PECATL.COM

REVISIONS:

NO.	DATE	BY	DESCRIPTION
-1	04/13/05	CO	C.O.A. COMMENTS
-2	06/28/05	CO	EPC PRELIM. MEETING COMMENTS
-3	08/11/05	TM	EPC FINAL MEETING COMMENTS

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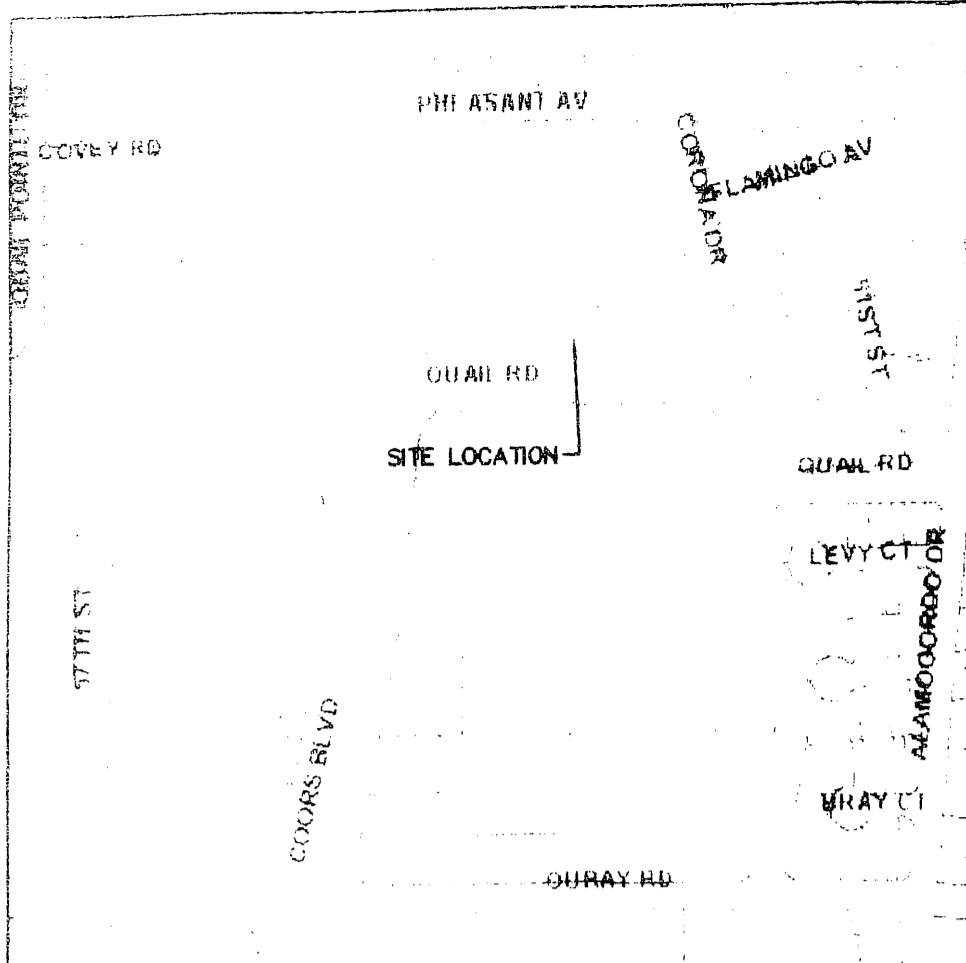


SET DATE:
 OCT. 13, 2004

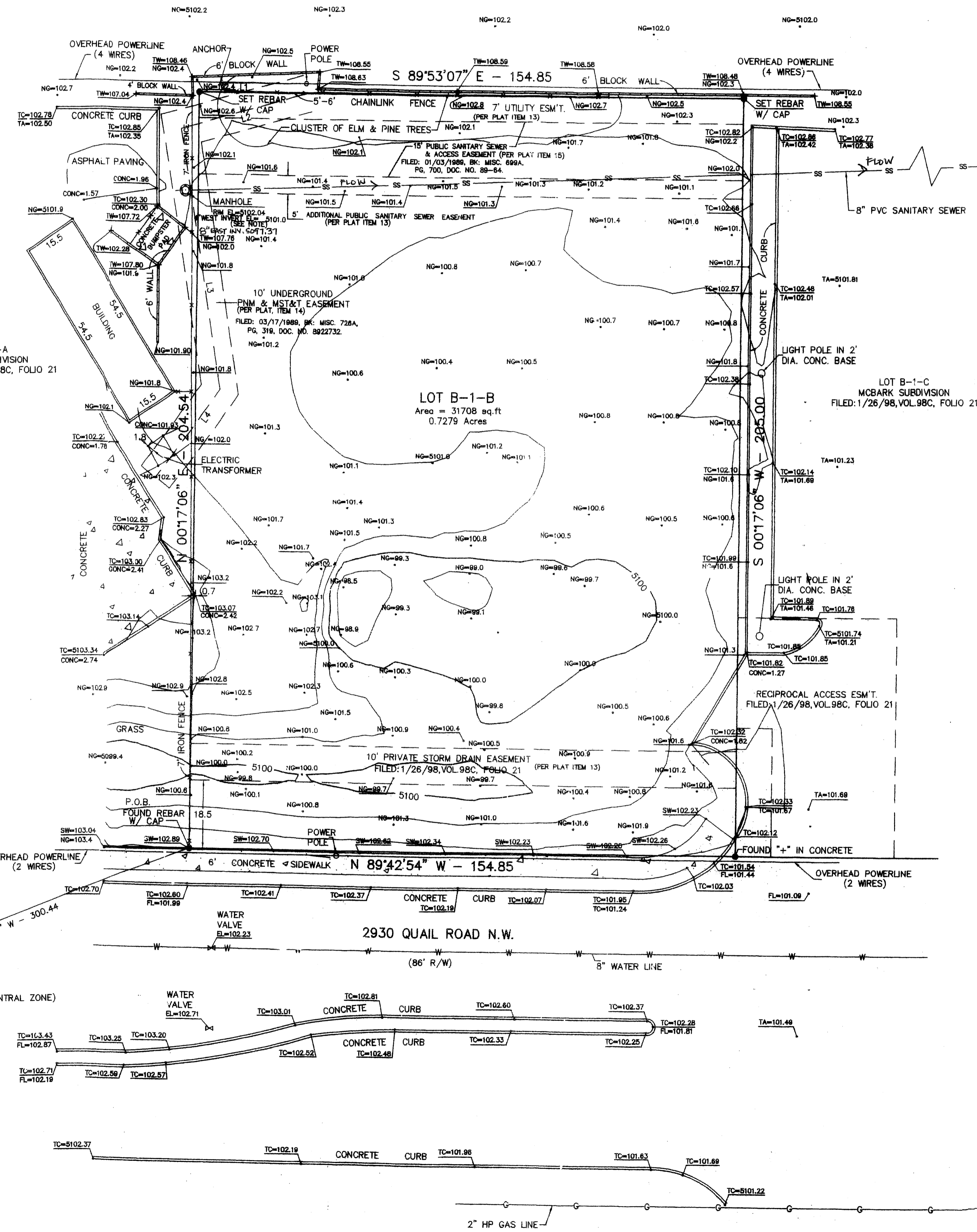
JOB NUMBER: 04177.00

24 HOUR CONTACT:
 JEFF YEARWOOD (770) 956-2609

ALTA/ACSM LAND TITLE SURVEY OF
 LOT B-1-B
 MCBARK SUBDIVISION
 ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
 OCTOBER, 2004



TRACT A-26-B1
 TOWN OF ATRISCO GRANT
 FILED: 01/14/91, VOL. 91C, FOLIO 17



DESCRIPTION
 LOT NUMBERED B-1-B OF PLAT OF LOTS B-1-A, B-1-B AND B-1-C, MCBARK SUBDIVISION, SITUATE WITHIN SECTIONS 2 AND 10, TOWNSHIP 10 NORTH, RANGE 2 EAST, N.M.P.M., ALBUQUERQUE, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE REPLAT OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON JANUARY 26, 1998 IN PLAT BOOK 98C, FOLIO 21 AND BEING MORE PARTICULARLY DESCRIBED BY PLAT BEARINGS AND GROUND DISTANCES AS FOLLOWS:
 BEGINNING AT THE SOUTHWEST CORNER OF LOT B-1-B, BEING A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF QUAIL ROAD N.W., 86' RIGHT OF WAY, WHENCE, A.C.S.M. 12-1111 NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE) BEARS S 89°19'38" W, 300.44 FEET; AND RUNNING—THENCE, N 001°17'06" E, 204.54 FEET LEAVING SAID NORTHERLY RIGHT OF WAY OF QUAIL ROAD N.W., 86' RIGHT OF WAY, TO THE NORTHWEST CORNER OF LOT B-1-B; THENCE, S 89°53'07" E, 154.85 FEET TO THE NORTHEAST CORNER OF LOT B-1-B; THENCE, S 001°17'06" W, 205.00 FEET TO THE SOUTHEAST CORNER OF LOT B-1-B; THENCE, N 89°42'54" W, 154.85 FEET ALONG SAID NORTHERLY RIGHT OF WAY LINE OF QUAIL ROAD N.W., 86' RIGHT OF WAY, CONTAINING 0.7279 ACRES MORE OR LESS.

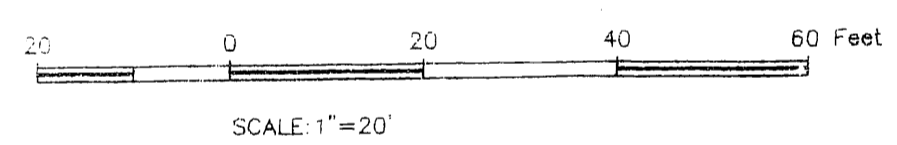
FLOOD INFORMATION
 LOT B-1-B, MCBARK SUBDIVISION, IS ALL IN ZONE "X" AREAS DETERMINED TO BE OUTSIDE OF 500-YEAR FLOODPLAIN PER F.I.R.M. PANEL 327 OF 825, MAP NO. 35001C032, EFFECTIVE DATE SEPTEMBER 20, 1996.

- NOTES**
- 1) BASIS OF BEARINGS SHOWN HEREON ARE PER PLAT OF LOTS B-1-A, B-1-B AND B-1-C, MCBARK SUBDIVISION FILED JANUARY 26, 1998 IN PLAT BOOK 98C, FOLIO 21. DISTANCES ARE GROUND.
 - 2) THIS SURVEY SHOWS ALL EASEMENTS PER COMMITMENT FOR TITLE INSURANCE FILE NO. NM04-449458-AL01, LO EFFECTIVE DATE AUGUST 24, 2004.
 - 3) ENCROACHMENTS
 - A) CONCRETE CURB AT WEST PROPERTY LINE COMMON TO LOT B-1-A AND LOT B-1-B EXTENDS UP TO 0.7 OF A FOOT INTO LOT B-1-B.
 - B) PROPERTY IS ZONED SU-1-C-2 USES. ALL BUILDING LINES AND BULK RESTRICTIONS MUST CONFORM TO AN APPROVED SITE DEVELOPMENT PRIOR TO DEVELOPMENT. HEIGHT REGULATION IS 25 FEET.
 - 4) PER PLAT REFERS TO PLAT OF RECORD ITEM NUMBERS REFER TO SCHEDULE B, PART II OF TITLE COMMITMENT.
 - 5) ELECTRIC AND GAS SIZES AND LOCATIONS PER PNM. CONTACT PAT LAUGHEAD, 4625 EDITH BLVD., N.E., ALBUQUERQUE, NM 87103 PHONE: 505-241-7791.
 - 6) SANITARY SEWER, WATER AND STORM SEWER PER DRAWINGS PROVIDED BY CITY OF ALBUQUERQUE, JONATHAN D. JUANICO ONE CIVIC PLAZA, 400 MARQUETTE N.W., ALB., NM, 87103, PHONE 505-768-3608
 - 7) SANITARY SEWER MANHOLE LOCATED AT WEST PROPERTY LINE IS FILLED WITH DEBRIS. 8" EAST INVERT PER CITY AS BUILTS = 5097.37
 - 8) WEST INVERT IS EXISTING.
 - 9) RECIPROCAL ACCESS ESM'T. PER PLAT FILED 1/26/98, VOL. 98C, FOLIO 21 AS SHOWN HEREON IS FOR THE BENEFIT AND USE, BY AND FOR THE OWNER(S) OF LOTS B-1-B AND B-1-C AND IS TO BE MAINTAINED BY SAID OWNERS.

LEGEND

TC	TOP OF CURB ELEVATION
FL	FLOWLINE ELEVATION
NG	NATURAL GROUND ELEVATION
TA	TOP OF ASPHALT ELEVATION
TW	TOP OF WALL ELEVATION
SW	TOP OF SIDEWALK ELEVATION
CONC	TOP OF CONCRETE ELEVATION

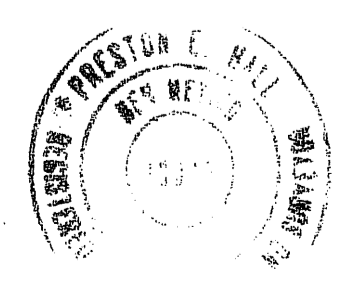
LINE	BEARING	DISTANCE
L1	S 89°53'07" E	30.85
L2	S 74°41'53" W	37.20
L3	S 09°22'07" E	70.60
L4	S 37°05'53" W	30.00



ACSM "12-1111"
 NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE)
 X=365168.46, Y=1497456.42
 BENCHMARK ELEVATION=5102.169

SURVEYOR'S CERTIFICATION:
 To: FIRST AMERICAN TITLE COMPANY, GENUINE PARTS COMPANY and PLANNERS & ENGINEERS COLLABORATIVE:
 This is to certify that this map or plat and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA, ACSM and NSPS in 1999, and includes items 1-17 of Table A thereof.
 Pursuant to the Accuracy Standards as adopted by the ALTA, NSPS and ACSM and in effect on the date of this certification, undersigned further certifies that
 The Positional Uncertainties resulting from the survey measurements made do not exceed the allowable Positional Tolerance. The Survey measurements were made in accordance with the "Minimum Angle, Distance and Closure Requirements for Survey Measurements Which Control Land Boundaries for ALTA/ACSM Land Title Surveys."
 Proper field procedures, instrumentation and adequate survey personnel were employed in order to achieve results comparable to those outlined in the "Minimum Angle, Distance and Closure Requirements for Survey Measurements Which Control Land Boundaries for ALTA/ACSM Land Title Surveys."
 Adopted by the American Land Title Association on October 6, 1999. Adopted by the Board of Directors, American Congress on Surveying and Mapping on October 20, 1999. Adopted by Board of Directors, National Society of Professional Surveyors on October 19, 1999.

Preston E. Hall
 Preston E. Hall PS #10042
 Date: 10/1/04



HALL SURVEYING CO.
 12805 MENOUL BLVD., N.E.
 ALBUQUERQUE, NEW MEXICO 87112
 PHONE: (505) 292-6727

CLIENT: PLANNERS & ENGINEERS COLLABORATIVE
 C:\DRAWINGS\15-1903\15-1903.DWG

PROJECT NUMBER: _____

Application Number: _____

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated _____ and the Findings and Conditions in the Official Notification of Decision are satisfied.

Is an Infrastructure List required? () Yes () No If yes, then a set of approved DRB plans with a work order is required for any construction within Public Right-of-Way or for construction of public improvements.

DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL:

Traffic Engineering, Transportation Division _____ Date _____

Water Utility Department _____ Date _____

Parks and Recreation Department _____ Date _____

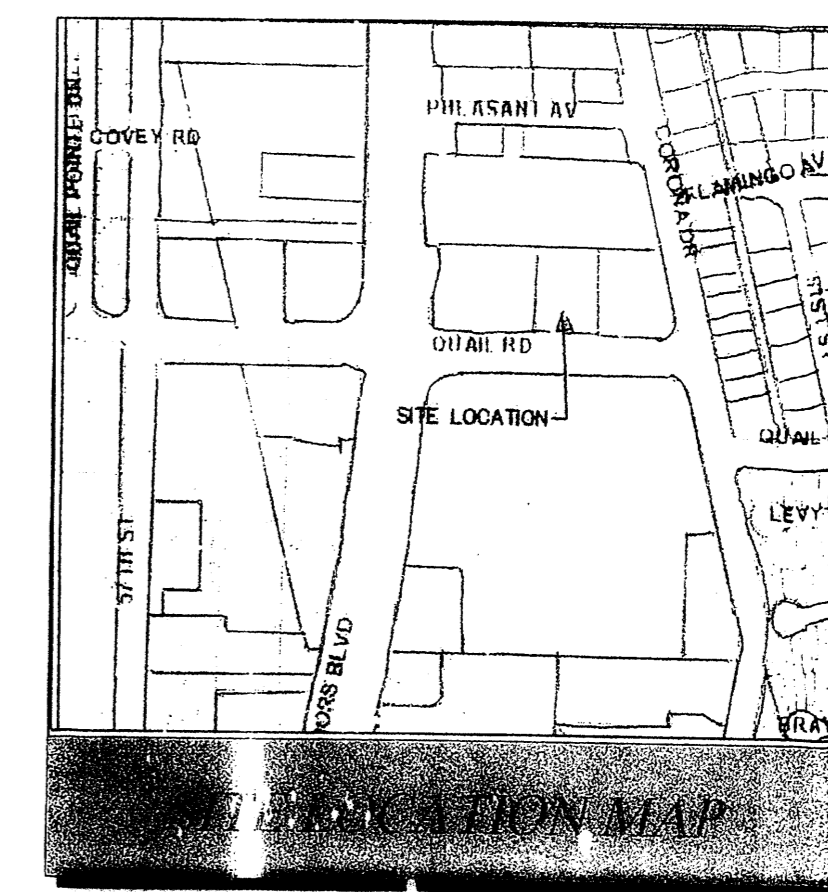
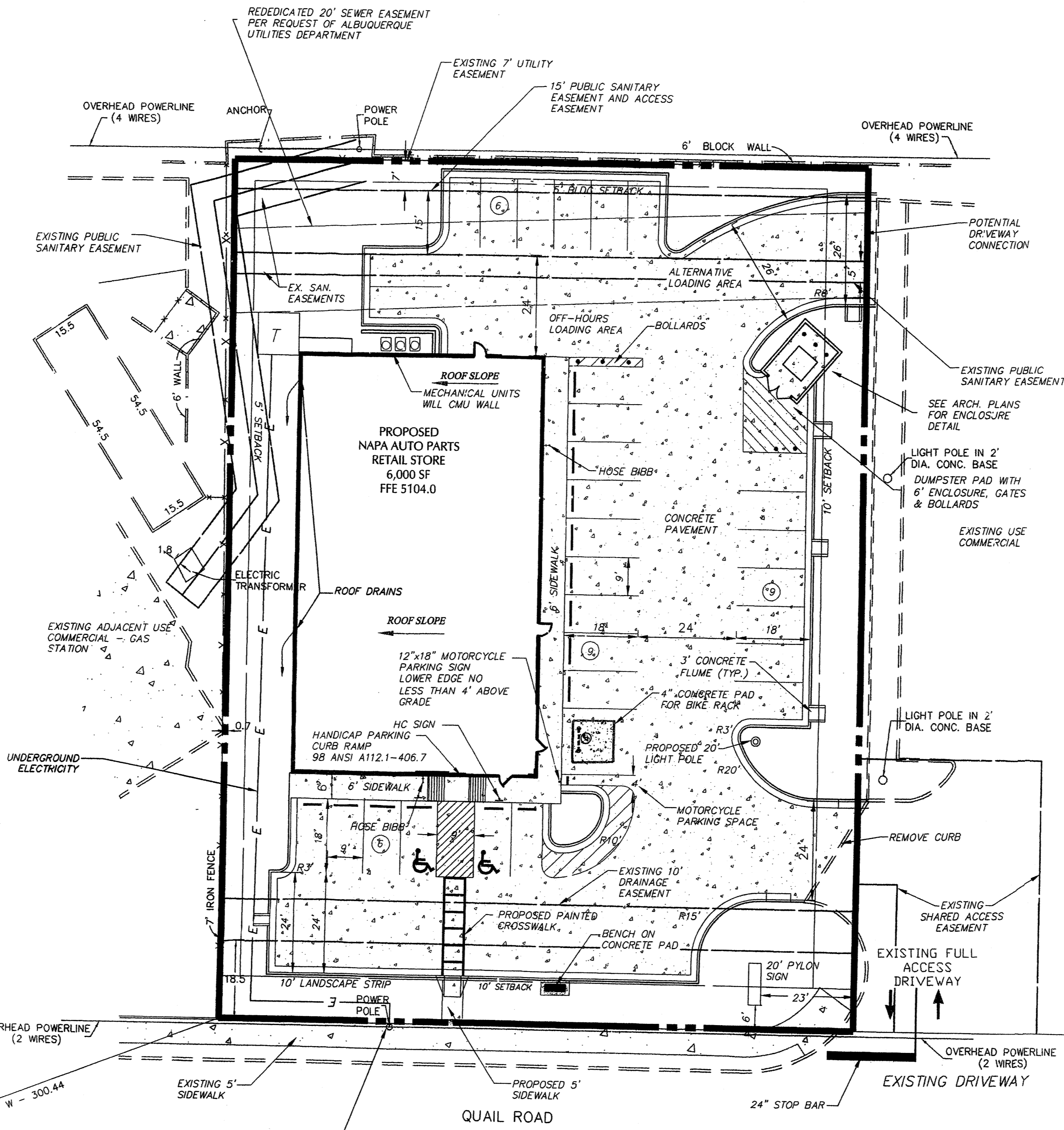
City Engineer _____ Date _____

* Environmental Health Department (conditional) _____ Date _____

Michael Holton _____ 9/14/05
Solid Waste Management _____ Date

DRB Chairperson, Planning Department _____ Date _____

*Environmental Health, if necessary
021806



NOTE:
1. PROPOSED USE IS A RETAIL STORE. NO AUTOMOBILE SERVICE IS TO BE PERFORMED ONSITE.
2. SUBJECT PROPERTY WAS PREVIOUSLY CONSIDERED AS PART OF EPC #2-97-128 AND DRB #DRB-98-16. FILING # DATA VOL 98C, FCL 1021. DOC #98008094 JAN 26, 1998.
3. REFERENCE SHOULD BE MADE TO "GEO TECHNICAL ENGINEERING REPORT" PREPARED BY TERRACON, DATED OCTOBER 13, 2004.
4. THE DEVELOPER IS RESPONSIBLE FOR THE IMPROVEMENTS TO THE TRANSPORTATION FACILITIES ADJACENT TO THE PROPOSED SITE DEVELOPMENT PLAN FOR BUILDING PERMIT. THOSE IMPROVEMENTS WILL INCLUDE ANY ADDITIONAL RIGHT-OF-WAY REQUIREMENTS, PAVING, CURB AND GUTTER, SIDEWALKS AND ADA ACCESSIBLE RAMPS THAT HAVE NOT ALREADY BEEN PROVIDED FOR ALL PUBLIC INFRASTRUCTURE CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENTS SHALL BE TO CITY STANDARDS. THOSE STANDARDS WILL INCLUDE BUT ARE NOT LIMITED TO SIDEWALKS, DRIVEWAYS, PRIVATE ENTRANCES AND WHEEL CHAIR RAMPS.

SITE DATA:
SITE AREA = 0.7279 ACRES
ZONING = SU-1, C-2 USES
PARKING REQUIREMENTS:
1 SPACE PER 200 SF
PARKING REQUIRED = 30 SPACES
PARKING PROVIDED = 30 SPACES
HC PARKING REQUIRED = 2 SPACES
HC PARKING PROVIDED = 2 SPACES
MOTORCYCLE SPACE REQUIRED = 1
MOTORCYCLE SPACE PROVIDED = 1
10' LANDSCAPE STRIP REQUIRED
15% OF PAVED AREAS REQUIRED TO BE LANDSCAPED.
PARKING SPACES ARE TO BE NO MORE THAN 100 FEET FROM A TREE.
MAX. BLDG HEIGHT = 25'
MAX FAR = 0.35
FAR = 0.19

CALCULATIONS

AREA OF SITE (TOTAL LOT AREA)	±0.73 ACRES
NET LOT AREA	±0.59 ACRES
LANDSCAPED AREA REQUIRED ON SITE (0.59 x 0.15)	±0.088 ACRES
AMOUNT OF LANDSCAPED AREA PROVIDED	±0.20 ACRES (33%)
OFF STREET PARKING AREA LANDSCAPING 30 SPACES x 1 TREE / 10 SPACES = 3 TREES	
ALL TREES ARE WITHIN 100 FEET OF A PARKING SPACE.	

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NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO
5201 QUAIL ROAD, N.W.
FOR
GENUINE PARTS COMPANY
2999 CIRCLE 75 PARKWAY
ATLANTA, GA 30339
PHONE: 770-956-2609
LOT B-1-B
INDIAN SUBDIVISION
CITY OF ALBUQUERQUE
BERNALILLO COUNTY
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350 RESEARCH COURT, NOKROSS, GEORGIA 30092 & (770)451-2741 & FAX (770)451-3915 & WWW.PEATL.COM

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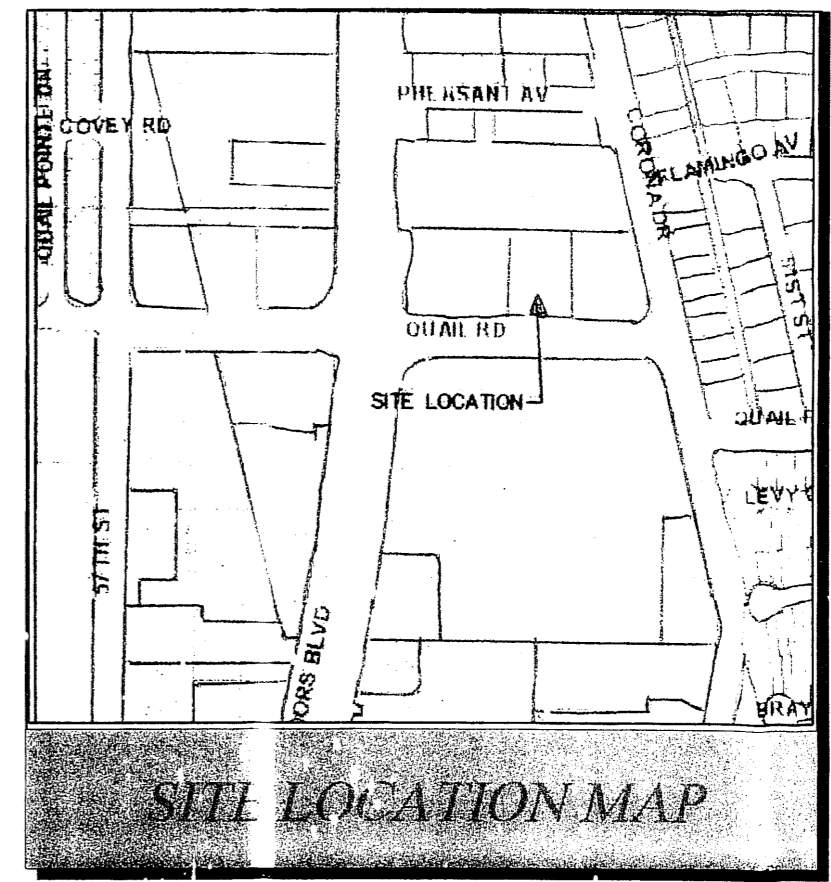
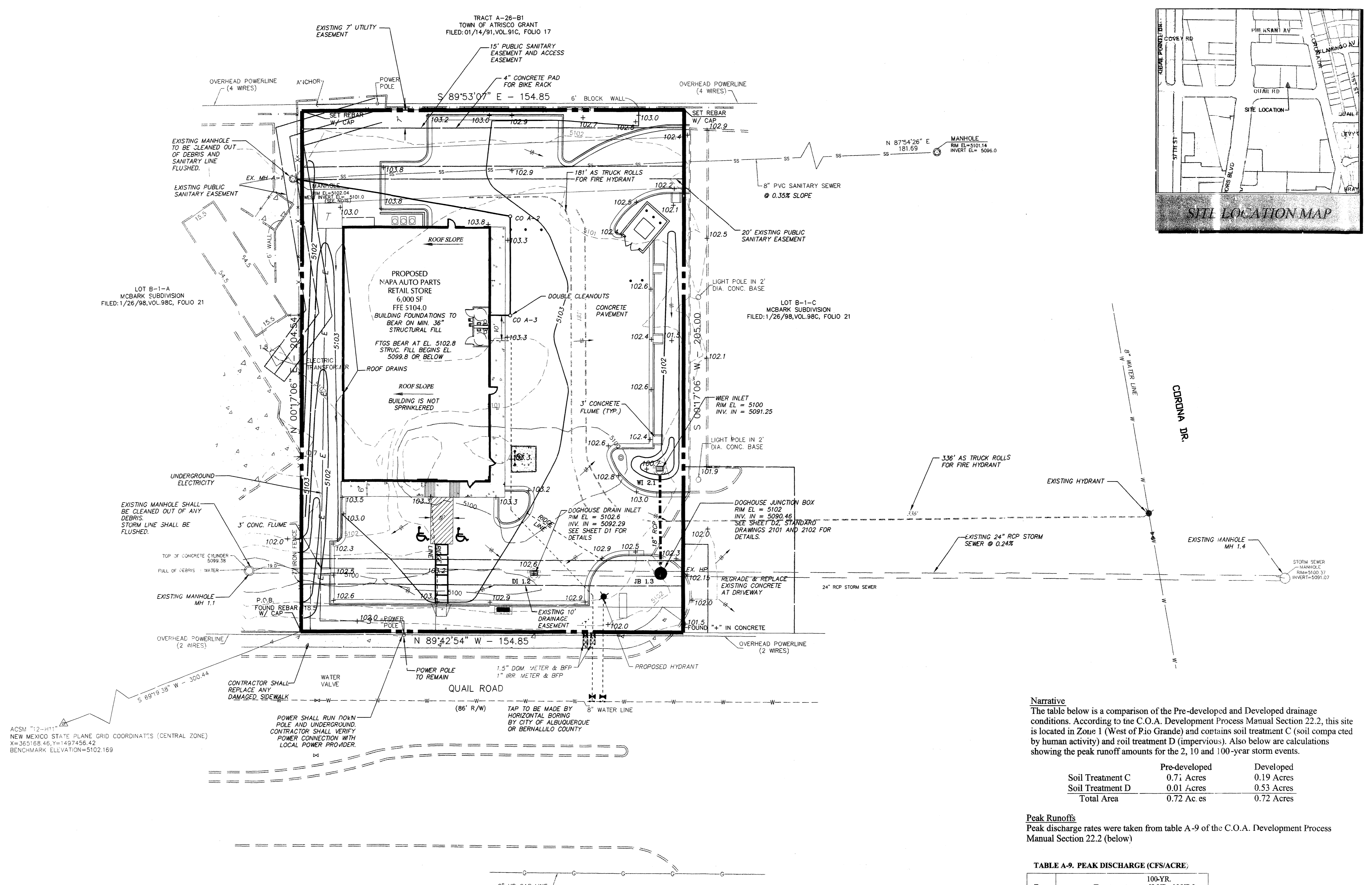
SHEET TITLE
SITE PLAN
SCALE: 1" = 20'
DATE: OCT. 13, 2004
PROJECT: 04177.00

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MICHAEL S. [Signature]
PRESIDENT
PLANNERS AND ENGINEERS COLLABORATIVE

ADD PLANO CHECKING OFFICE
09-0311
APPROVED AND APPROVED
9/13/05
DATE

24 HOUR CONTACT:
JEFF YEARWOOD (770) 956-2609

3
SHEET



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Narrative
 The table below is a comparison of the Pre-developed and Developed conditions. According to the C.O.A. Development Process Manual Section 22.2, this site is located in Zone 1 (West of Pío Grande) and contains soil treatment C (soil compacted by human activity) and soil treatment D (impervious). Also below are calculations showing the peak runoff amounts for the 2, 10 and 100-year storm events.

	Pre-developed	Developed
Soil Treatment C	0.71 Acres	0.19 Acres
Soil Treatment D	0.01 Acres	0.53 Acres
Total Area	0.72 Ac. es	0.72 Acres

Peak Runoffs
 Peak discharge rates were taken from table A-9 of the C.O.A. Development Process Manual Section 22.2 (below)

TABLE A-9. PEAK DISCHARGE (CFS/ACRE)

Zone	Treatment			
	A	B	C	D
1	1.29 [0.00, 0.24]	2.03 [0.03, 0.76]	2.87 [0.47, 1.49]	4.37 [1.69, 2.89]
	1.56 [0.00, 0.38]	2.28 [0.08, 0.95]	3.14 [0.60, 1.71]	4.70 [1.86, 3.14]
3	1.87 [0.00, 0.58]	2.60 [0.21, 1.19]	3.45 [0.78, 2.00]	5.02 [2.04, 3.39]
	2.20 [0.05, 0.87]	2.92 [0.38, 1.45]	3.73 [1.00, 2.26]	5.25 [2.17, 3.57]

	Pre-developed	Developed
2-year storm	$Q_2 = (0.47 \times 0.71ac) + (1.69 \times 0.01) = 0.35$ cfs	$Q_2 = (0.47 \times 0.19ac) + (1.69 \times 0.53) = 0.99$ cfs
10-year storm	$Q_{10} = (1.49 \times 0.71) + (2.89 \times 0.01) = 1.09$ cfs	$Q_{10} = (1.49 \times 0.19) + (2.89 \times 0.53) = 1.81$ cfs
100-year storm	$Q_{100} = (2.87 \times 0.71) + (4.37 \times 0.01) = 2.08$ cfs	$Q_{100} = (2.87 \times 0.19) + (4.37 \times 0.53) = 2.86$ cfs

SITE TOPOGRAPHY
 THE PROJECT SITE IS LOCATED AT 2930 QUAIL ROAD NW IN ALBUQUERQUE, NEW MEXICO. THE SITE IS BORDERED ON THE SOUTH BY QUAIL ROAD, AND ON THE EAST WEST AND SOUTH BY DEVELOPED PROPERTY. TOPOGRAPHICALLY, THE SITE IS GENERALLY LEVEL WITH DEPRESSION OF APPROXIMATELY 4 FEET DEEP AND A DIAMETER OF LESS THAN 10 FEET TO THE SOUTHEAST AREA.

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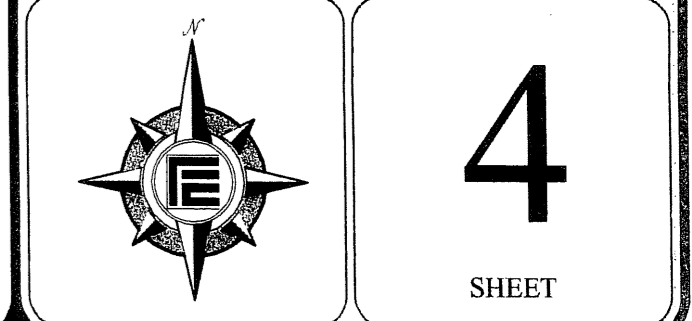
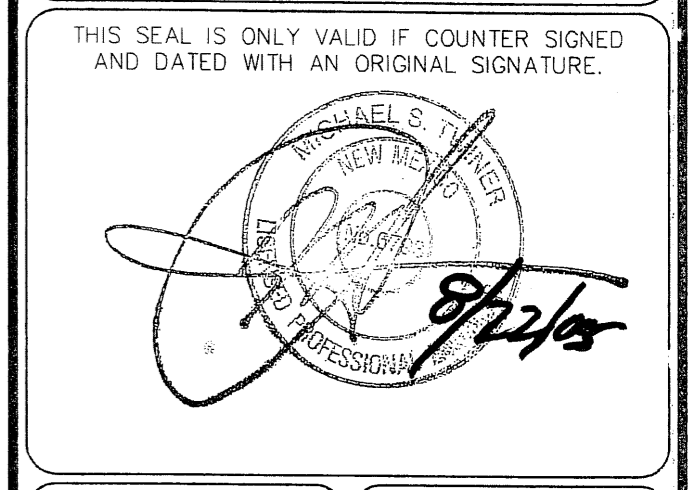
NOTES:
 1. REFERENCE SHOULD BE MADE TO "GEOTECHNICAL ENGINEERING REPORT" PREPARED BY TERRACON, DATED OCTOBER 13, 2004.
 2. ALL WATER & SEWER COMPONENTS AND APPURTENANCES TO BE INSTALLED PER CITY OF ALBUQUERQUE STANDARDS.
 3. AN INSPECTION BY THE SMMC PLAN CHECKER IS REQUIRED BEFORE THE CONCRETE SLAB OR APRON IS POURED.

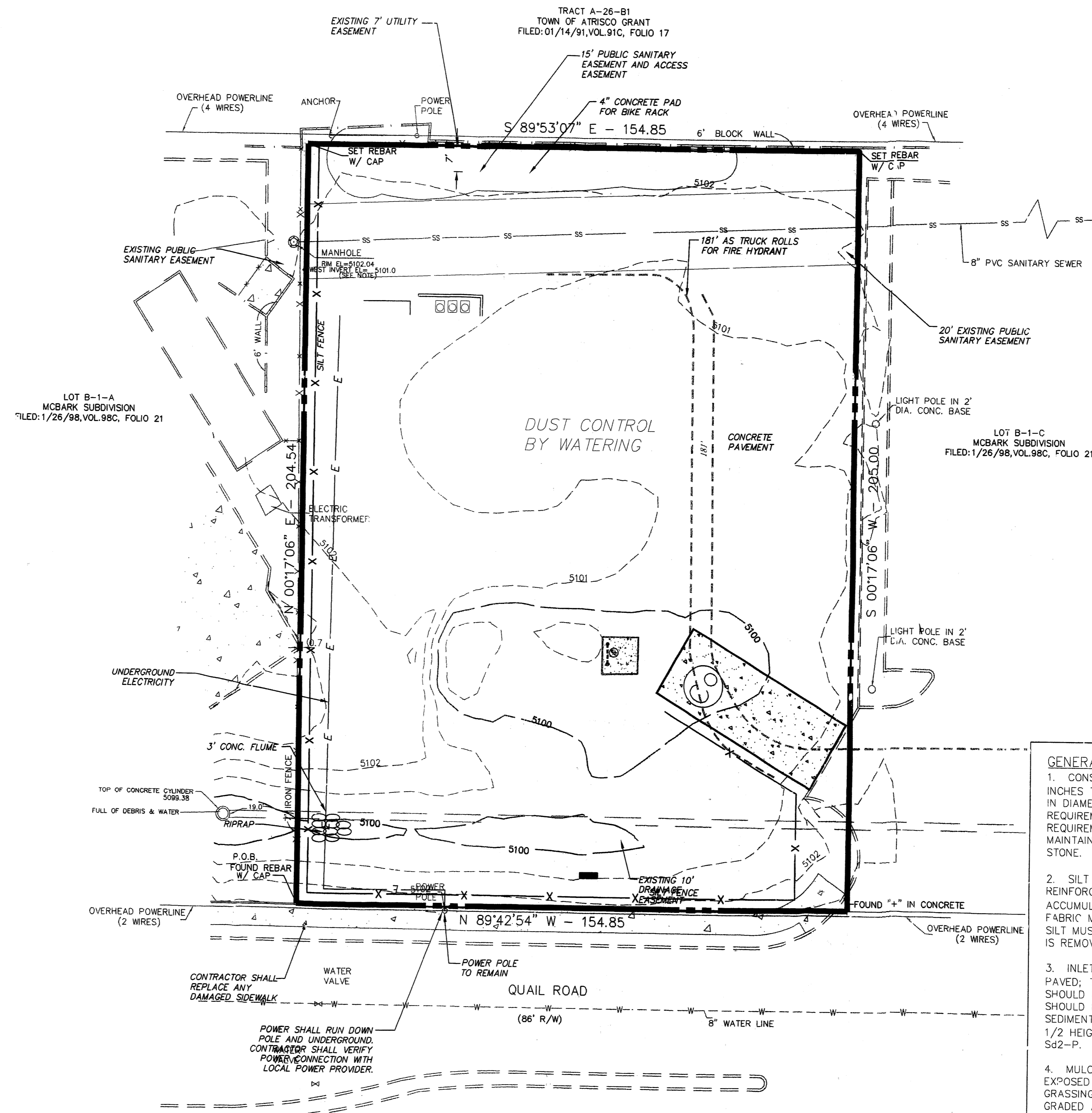
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SHEET TITLE
GRADING & UTILITY PLAN

SCALE: 1" = 20'
 DATE: OCT. 13, 2004
 PROJECT: 04177.00





- GENERAL NOTES**
- CONSTRUCTION EXIT PAD SHOULD BE 20' x 50', AND 6 INCHES THICK. THE STONE SHOULD BE 1 1/2" TO 3 1/2" IN DIAMETER. THE GEO-TEXTILE UNDER LINER SHOULD MEET THE REQUIREMENTS OF AASHTO M288-96, SECTION 7.3 SEPARATION REQUIREMENTS. THE CONSTRUCTION EXIT SHOULD BE MAINTAINED BY PERIODICALLY REPRESSING WITH 1 TO 3 INCHES STONE.
 - SILT FENCE SHOULD BE TYPE C - 36" WIDE WITH WIRE REINFORCEMENT. SEDIMENT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF BARRIER. SILT FENCE FABRIC MUST BE REPLACED AFTER 6 MONTHS. ACCUMULATED SILT MUST BE REMOVED AND DISPOSED OF WHEN THE BARRIER IS REMOVED.
 - INLET SEDIMENT TRAPS SHOULD BE Sd2-F UNTIL AREA IS PAVED; THEREAFTER, USE Sd2-P (PIGS IN A BLANKET). TRAPS SHOULD BE INSPECTED DAILY AND AFTER EACH RAIN. REPAIRS SHOULD BE MADE BY GENERAL CONTRACTOR WHEN NECESSARY. SEDIMENT SHOULD BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF SILT FENCE OR ANY ACCUMULATION ON A Sd2-P.
 - MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. TEMPORARY GRASSING, INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN 6 MONTHS.
 - ADDITIONAL EROSION CONTROL DEVICES TO BE USED AS REQUIRED BY CITY OF ALBUQUERQUE.
 - CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT OF TEN FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKETS.
 - CITY OF ALBUQUERQUE LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM ROAD.
 - EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE.
 - SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED.
 - EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY AN ON-SITE INSPECTION.
 - SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE ONE THIRD FULL VOLUME.
 - MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.
 - "THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES."

REVISIONS:

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INITIAL PHASE CONSTRUCTION SCHEDULE

	MONTH 1	MONTH 2	MONTH 3
1. STAKE CLEARING LIMITS			
2. INSTALL AND MAINTAIN CONSTRUCTION ENTRANCE, SILT FENCE, TREE SAVE FENCE, DIVERSION DITCHES, AND SEDIMENT BASINS			
3. CLEAR, GRUB, AND STRIP TOPSOIL			

INITIAL PHASE EROSION AND SEDIMENT CONTROL SCHEDULE

- STAKE CLEARING LIMITS.
- INSTALL CONSTRUCTION ENTRANCE AND EXITS.
- INSTALL TYPE "C" WIRE REINFORCED SILT FENCE, HAY BALES, AND TREE PROTECTION FENCE.
- INSTALL ALL EROSION CONTROL MEASURES, DIVERSION DITCHES AND SEDIMENT BASINS SHOWN ON INITIAL PHASE PLAN (EROSION CONTROL MEASURES TO BE CONSTRUCTED AND FULLY FUNCTIONAL PRIOR TO ANY GRADING).
- CLEAR TREES, REMOVE ALL STUMPS AND STRIP TOPSOIL.

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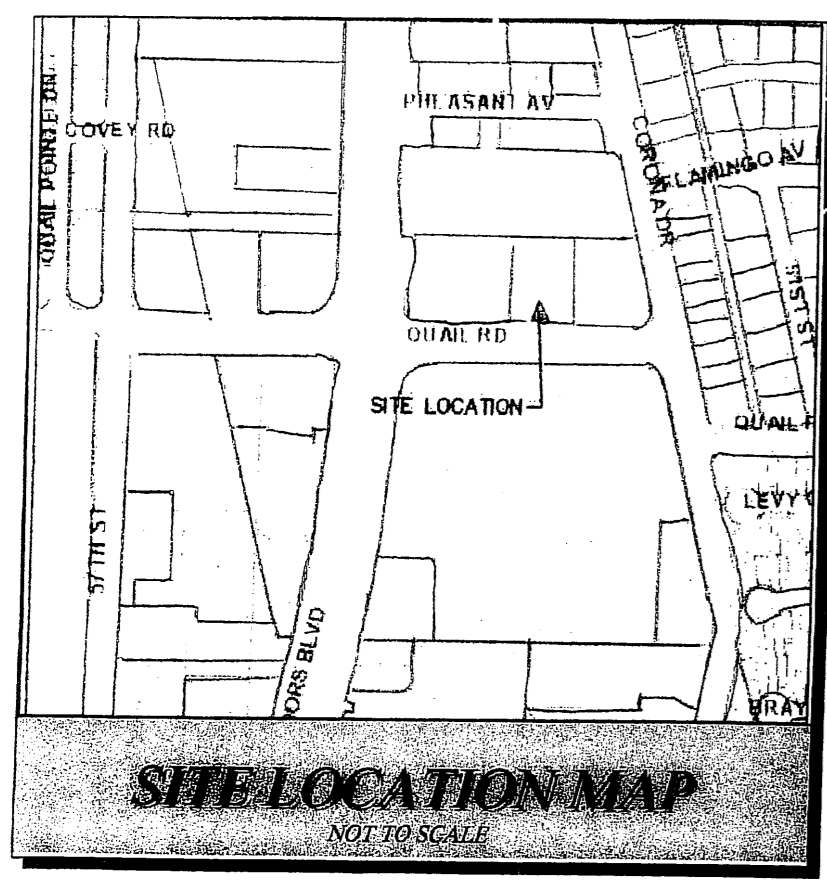
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24 HOUR CONTACT:
JEFF YEARWOOD (770) 956-2609

PROJECT NARRATIVE
THE SITE IS A PROPOSED NAPA AUTO PARTS DEVELOPMENT IN LAND LOT B-1-B, MCBARK SUBDIVISION, CITY OF ALBUQUERQUE. THE SITE IS BORDERED ON ITS NORTH BY TRACT A-26-B1, ON ITS EAST AND WEST BY LOTS WITHIN THE MCBARK SUBDIVISION, AND ON ITS SOUTH BY QUAIL ROAD. THE EROSION CONTROL WILL CONSIST OF BUT NOT LIMITED TO SILT FENCING, DIVERSION DITCHES, SILT TRAPS, SILT BASINS, TEMPORARY AND PERMANENT SEEDING AND LANDSCAPING AND EROSION CONTROL MATTING ON SLOPES. SAVE TREE AREAS AND BUFFER WILL BE PROTECTED BY TREE PROTECTION FENCE

GENERAL NOTES:
THE TOTAL SITE AREA IS 0.7279 ACRES AND THE TOTAL DISTURBED AREA ON SITE IS 0.7279 ACRES AND TOTAL DISTURBED AREA OFF SITE IS 0 ACRES.
SITE DEVELOPER/OWNER:
GENUINE PARTS COMPANY - 2999 CIRCLE 75 PARKWAY - ATLANTA, GEORGIA 30339



NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO
5201 QUAIL ROAD, N.W.

FOR:
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2999 CIRCLE 75 PARKWAY
ATLANTA, GA 30339
PHONE: 770-956-2609

LOT B-1-B
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CITY OF ALBUQUERQUE
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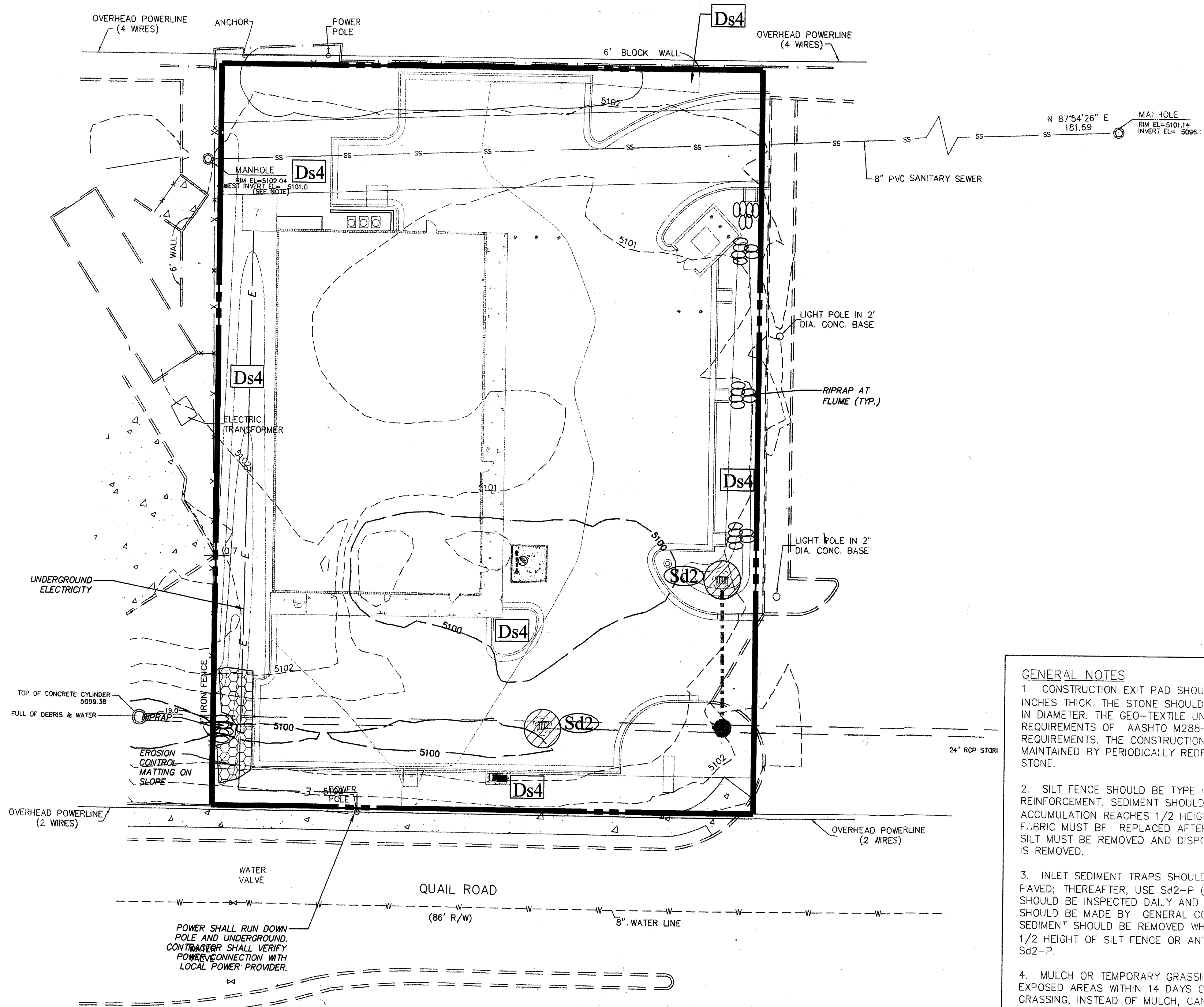
SHEET TITLE
INITIAL EROSION & SEDIMENT CONTROL PLAN

SCALE: 1" = 20'
DATE: OCT. 13, 2004
PROJECT: 04177.00

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MICHAEL S. THWEN
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
04177.00

5
SHEET



GENERAL NOTES

- CONSTRUCTION EXIT PAD SHOULD BE 20' x 50', AND 6 INCHES THICK. THE STONE SHOULD BE 1 1/2 TO 3 1/2 INCHES IN DIAMETER. THE GEO-TEXTILE UNDER LAYER SHOULD MEET THE REQUIREMENTS OF AASHTO M288-96 SECTION 7.3 SEPARATION REQUIREMENTS. THE CONSTRUCTION EXIT SHOULD BE MAINTAINED BY PERIODICALLY REPRESSING WITH 1 TO 3 INCHES STONE.
- SILT FENCE SHOULD BE TYPE C - 36\"/>

FINAL PHASE CONSTRUCTION SCHEDULE

	MONTH 7	MONTH 8	MONTH 9
1. INSTALL AND MAINTAIN SILT FENCE PER THIS PLAN AS SITE GRADING PROGRESSSES			
2. FINAL GRADE PARKING LOTS AND BUILDING PADS			
3. INSTALL WATER QUALITY STRUCTURES			
4. INSTALL LANDSCAPING			

INITIAL PHASE EROSION AND SEDIMENT CONTROL SCHEDULE

- STAKE CLEARING LIMITS.
- INSTALL CONSTRUCTION ENTRANCE AND EXITS.
- INSTALL TYPE "C" WIRE REINFORCED SILT FENCE, HAY BALES, AND TREE PROTECTION FENCE.
- INSTALL ALL EROSION CONTROL MEASURES, DIVERSION DITCHES AND SEDIMENT BASINS SHOWN ON INITIAL PHASE PLAN (EROSION CONTROL MEASURES TO BE CONSTRUCTED AND FULLY FUNCTIONAL PRIOR TO ANY GRADING).
- CLEAR TREES, REMOVE ALL STUMPS AND STRIP TOPSOIL.

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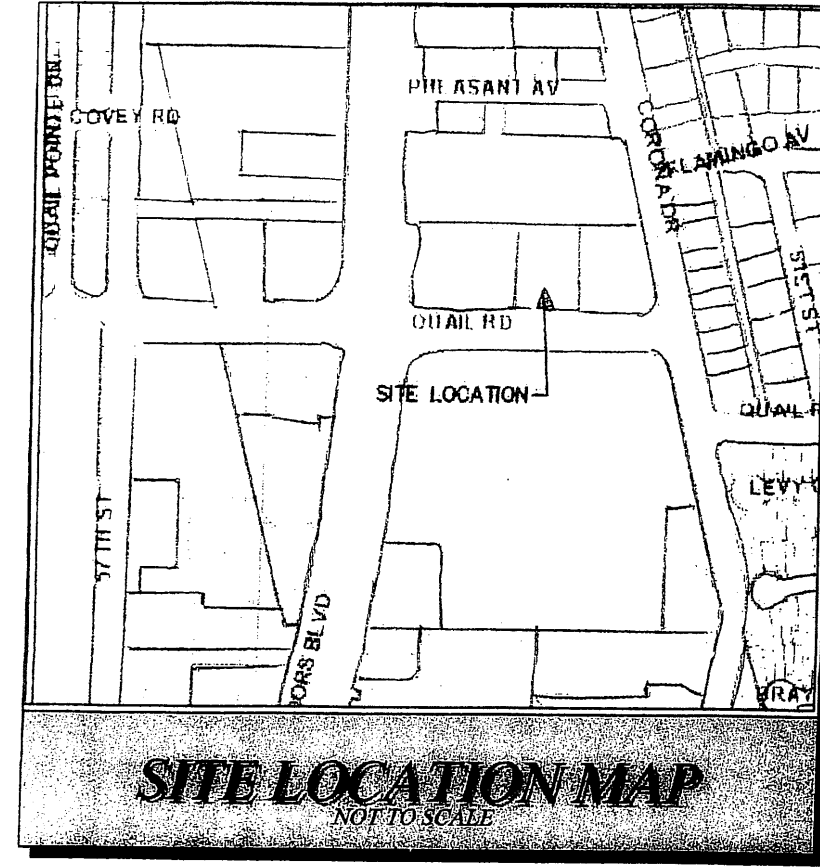
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PROJECT NARRATIVE
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GENERAL NOTES:
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SITE DEVELOPER/OWNER:
GENUINE PARTS COMPANY -- 2999 CIRCLE 75 PARKWAY -- ATLANTA, GEORGIA 30339

24 HOUR CONTACT:
JEFF YEARWOOD (770) 956-2609



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LOT B-1-B
MCBARK SUBDIVISION
CITY OF ALBUQUERQUE
BERNALILLO COUNTY
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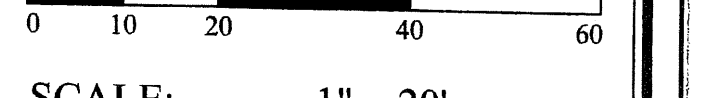
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SHEET TITLE
FINAL EROSION & SEDIMENT CONTROL PLAN



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STRUCTURAL PRACTICES				
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a wash, drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cr	CONSTRUCTION ROAD STABILIZATION			A travelpad constructed as part of a construction plan including access roads, subdivision roads, parking areas, and other on-site vehicle transportation facilities.
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.
Di	DIVERSION			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE			A flexible conduit of heavy duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and impervious.
Dn2	PERMANENT DOWNDRAIN STRUCTURE			A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
Fr	FILTER RINGS			A temporary straw barrier constructed at storm inlets and pond outlets.
Ga	GABION			Rock filled basins which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE			Permanent structures installed to protect natural or artificial channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soil.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETAINING WALL			A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETROFITTING			A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER			A barrier to convert sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	SILT SEDIMENT TRAP			An impounding area created by excavating across a storm drain line. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the silt of the sediment to drop out.
Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORM DRAIN OUTLET PROTECTION			A saved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concrete drain runoff.
Su	SURFACE ROUGHENING			A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tp	TOPSOILING			The practice of air blowing the more fertile top soil, storing it, then spreading it over the disturbed area after the completion of construction activities.
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.

VEGETATIVE MEASURES				
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE			A strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Cs	COASTAL DUNE STABILIZATION (W/VEGETATION)			Planting vegetation on dunes that are denuded, artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (W/MULCHING ONLY)			Establishing temporary protection for disturbed areas where seeding may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (W/TEMPORARY SEEDING)			Establishing temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (W/PERMANENT VEGETATION)			Establishing permanent vegetative cover such as trees, shrubs, vines, grasses, sod, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (W/SODDING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Mb	EROSION CONTROL MATS AND BLANKETS			The installation of a protective covering (blanket) or soil stabilization mat on a prepared planting area of a steep slope, channel, or shoreline.
Pm	POLYACRYLAMIDE (PAM)			The liquid application of product containing anionic polyacrylamide (PAM) as temporary soil binding agents to reduce soil erosion.
Sb	STREAM BANK STABILIZATION (W/PERMANENT VEGETATION)			The use of readily available native plant materials to maintain and enhance stream banks, or to prevent, or restore and repair small stream bank erosion problems.
Tb	TACKIFIERS AND BINDERS			Substances used to anchor straw or hay mulch by causing the organic material to bind together.

SEEDING

Construction Specifications:

Timing:
Apply permanent seeding on areas left dormant for 1 year or more. Apply permanent seeding when no further disturbances are planned.
To determine optimum seeding schedule, consult a local agronomist or erosion control specialist.

Apply permanent seeding before seasonal rains or freezing weather is anticipated.
Use dormant seeding for late fall or winter seeding schedules.

Seed Mixes:
Use seeds appropriate to the season and site conditions.
Consult local agronomist or erosion control specialist for seed mix.
Consult soil test to determine pH and nutrient content. Roughen the soil by harrowing, tracking, grooving or furrowing.
Use seed blends to include annuals, perennials or legumes.
Use seed rates based on pure live seed (PLS) of 30%. When PLS is below 80% adjust rates accordingly.

Site Preparation:
Bring the planting area to final grade and install the necessary erosion control practices. Divert concentrated flows away from the seeded area.
Conduct soil test to determine pH and nutrient content. Roughen the soil by harrowing, tracking, grooving or furrowing.
Apply amendments as needed to adjust pH to 6.0-7.5. Incorporate these amendments into the soil.
Prepare a 3-5 inch (76-127 mm) deep seedbed, with the top 3-4 inches (76-102 mm) consisting of topsoil.
The seedbed should be firm but not compact. The top three inches of soil should be loose, moist and free of large clots and stones.
The topsoil surface should be in reasonably close conformity to the lines, grades and cross sections shown on the grading plans.
Planting:
Seed to soil contact is the key to good germination.
Seed should be applied immediately after seedbed preparation while the soil is loose and moist. If the seedbed has been left long enough for the soil to become compact, the topsoil should be roughened with a disk, spring tooth drag, spike tooth drag, or other equipment designed to condition the soil for seeding.
Harrowing, tracking or furrowing should be done horizontally across the face of the slope. Seed to soil contact is the key to good germination.
Always apply seed before applying mulch.
Apply seed at the rates specified using calibrated seed spreaders, cyclone seeders, mechanical drills, or hydroseeder so the seed is applied uniformly on the site.
Broadcast seed should be incorporated into the soil by raking or chain dragging, and then lightly compacted to provide good seed-soil contact.
Apply fertilizer as specified.
Apply mulch or erosion control blanket, as specified, over the seeded areas. Inspection and Maintenance:
Newly seeded areas need to be inspected frequently to ensure the grass is growing. If the seeded area is damaged due to runoff, additional stormwater measures may be needed. Spot seeding can be done on small areas to fill in bare spots where grass did not grow properly.

NOTE: DURING "HIGH FAILURE" MONTHS SEEDING CONTRACTOR TO SPREAD MULCH OR HAY FOR SLOPE STABILIZATION.

- USE A MINIMUM OF 40 LBS. SCARIFIED SEED, REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.
- USE EITHER COMMON SERAIA OR INTERSTATE SERICEA LESPEDEZA.
- ALL AREAS TO BE SEEDED SHALL HAVE LIME APPLIED AT A RATE OF 90 LB./1000 S.F. LIME AND FERTILIZER TO BE APPLIED PRIOR TO APPLICATION OF SEED AND MIXED THOROUGHLY WITH THE SOIL.
- ALL AREAS SEEDER SHALL HAVE AN APPLICATION OF STRAW MULCH (APPROXIMATELY 2 1/2 TONS PER ACRE) IMMEDIATELY AFTER PLANTING REGARDLESS OF PLANTING METHOD.
- MAINTAIN 1 YEAR MINIMUM.
- FERTILIZER: AGRICULTURAL LIME 1 TON PER ACRE 8-12-12 OR 0-10-15 1000 LB. PER ACRE

TEMPORARY MULCHING AND PERMANENT MULCHING

MULCHING APPLICATION REQUIREMENTS		
MATERIAL	RATE	DEPTH
Straw or hay	2 1/2 Tons/Acre	6" TO 10"
Wood waste, chips, sawdust, bark	6 to 9 Tons/Acre	2" TO 3"
Cutback asphalt	1200 gal./acre or 1/4 gal./sq.yd.	
Polyethylene film	Secure with soil, anchors, weights	
Cutback asphalt	See manufacturer's recommendations	
Geotextiles, jute matting, netting, etc.		

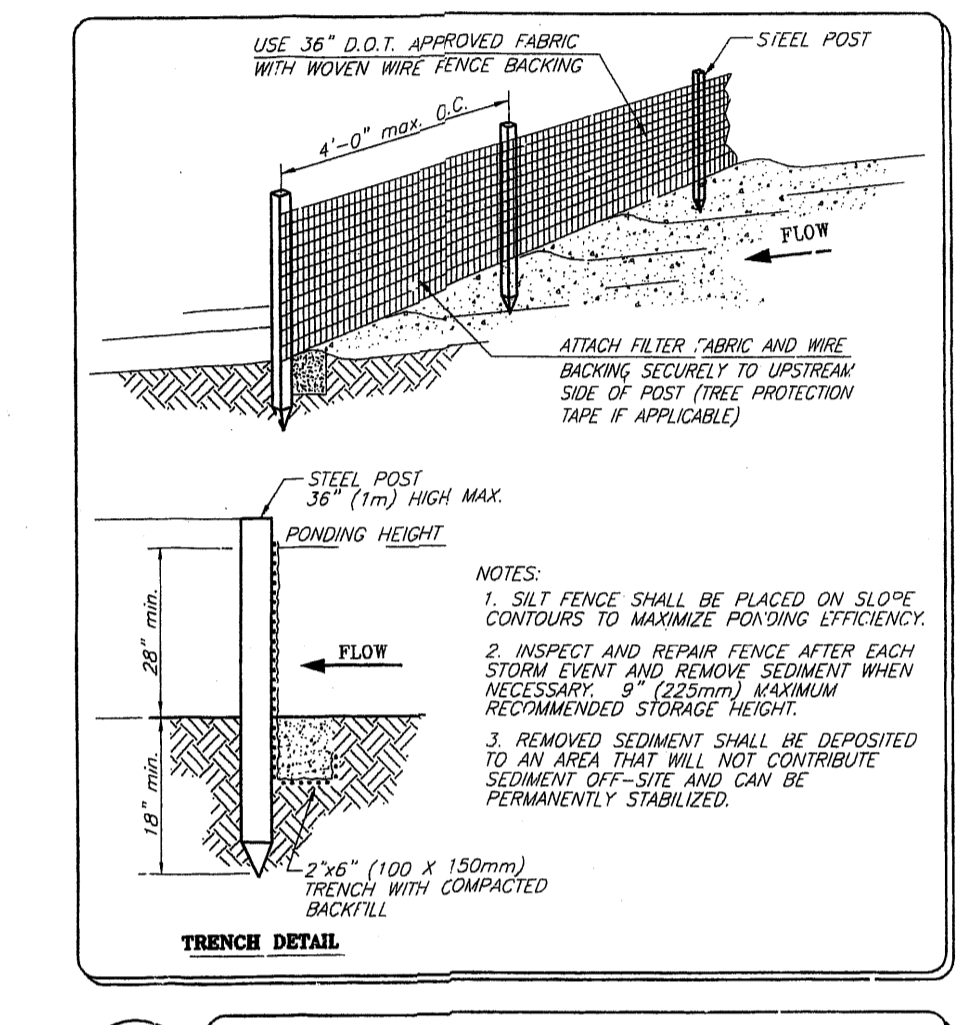
TEMPORARY SEEDING

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS					
SPECIES	BROADCAST Rates per Acre	PLS per 1000 SF	RESOURCE	PLANTING DATES	REMARKS
LESPEDEZA ANNUAL (Lespedeza striata)	40 lbs. 0.9 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	200,000 SEED PER POUND MAY WINTER FOR SEVERAL YEARS USE INOCULANT EL
ALONE	10 lbs. 0.2 lb.				
IN MIXTURES					
LOVEGRASS, WEEPING (Eriochloa curvata)	4 lbs. 0.1 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	1,500,000 SEED PER POUND DENSE COVER MIX W/ SERICEA LESPEDEZA
ALONE	2 lbs. 0.05 lb.				
IN MIXTURES					
MILLET, BROWN TOP (Panicum fasciculatum)	40 lbs. 0.9 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	137,000 SEED PER POUND DENSE COVER WILL PROVIDE TOO MUCH COMPETITION IN WINTER IF SEEDS AT HIGH RATES
ALONE	12 lbs. 0.3 lb.				
IN MIXTURES					
RYE (Secale cereale)	3 lbs. (100 lbs.) 12 lbs. (26 lbs.)	3.9 lb. 0.8 lb.	MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	16,000 SEED PER POUND DENSE COVER VERY COMPETITIVE AND WINTER-HARDY
ALONE					
IN MIXTURES					
RYEGRASS, ANNUAL (Lolium temeratum)	40 lbs. 0.9 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	327,000 SEED PER POUND DENSE COVER VERY COMPETITIVE AND IS SOIL TO BE USED IN MIXTURES
ALONE					
IN MIXTURES					

SILT FENCE NOTES:

Construction Specifications:
The height of a silt fence shall never exceed 18 inches (457 mm). The fence line shall follow the contour as closely as possible. If possible, the filter fabric shall be cut from a continuous roll to avoid the use of joints. When joints are necessary, filter cloth shall be spliced only at a support post, with a minimum 6 inch (152 mm) overlap and both ends securedly fastened to the post. Posts shall be spaced a maximum of 10 feet (3.1 m) apart and driven securely into the ground (minimum of 12 inches (305 mm)) and shall not extend more than 36 inches (914 mm) above the original ground surface. The standard-strength filter fabric shall be stapled or wired to the fence, and 6 inches (152 mm) of fabric shall extend into the trench. The fabric shall not extend more than 36 inches (914 mm) above the original ground surface. Filter fabric shall not be stapled to existing trees. When extra-strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated. In such a case, the filter fabric is stapled or wired directly to the posts. The trench shall be backfilled and the soil compacted over the toe of the filter fabric. The trench shall be backfilled and the soil compacted over the toe of the filter fabric. Silt fences placed at the toe of a slope shall be set at least 6 feet (1.8 m) from the toe in order to increase ponding volume. Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized and any sediment stored behind the silt fence has been removed.

Inspection and Maintenance:
Silt fences and filter barriers shall be inspected weekly after each significant storm (1 inch (25.4 mm) in 24 hour). Any required repairs shall be made immediately. Sediment should be removed when it reaches 1/3 height of the fence or 9 inches (230 mm) maximum. The removed sediment shall conform with the existing grade and be vegetated or otherwise stabilized.



HEAVY DUTY SILT FENCE (TYPE C)

PERMANENT SEEDING/SODDING

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS					
SPECIES	BROADCAST Rates per Acre	PLS per 1000 SF	RESOURCE	PLANTING DATES	REMARKS
BERMUDA COMMON (Cynodon dactylon) Hulled Seed	10 lbs. 0.2 lb.		SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	1,787,000 SEED PER POUND QUICK COVER. LOW GROWING AND SOO FORMING FULL SUN. 5000 PER ATHLETIC FIELDS
ALONE	6 lbs. 0.1 lb.				
WITH OTHER PERENNIALS					
BERMUDA COMMON (Cynodon dactylon) Unhulled Seed WITH TEMPORARY WITH OTHER PERENNIALS	10 lbs. 0.2 lb.		SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	PLANT WITH WINTER ANNUALS PLANT WITH FALL FESCUE
ALONE	6 lbs. 0.1 lb.				
WITH OTHER PERENNIALS					
CENTPEEA (Stenotaphrum secundatum)	Block Sod only		SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	13,000 SEED PER POUND USE ON PRODUCTIVE SOILS NOT AS WINTER HARDY AS RYE OR BARLEY
ALONE					
WITH OTHER PERENNIALS					
CROWNVEITCH (Cyperus viridis)	15 lbs. 0.3 lb.		MOUNTAINS SOUTHERN REDMONY	J F M A M J J A S O N D	100,000 SEED PER POUND DROUGHT TOLERANT AND FIRE RESISTANT ATTRACTIVE ROSE PINK AND WHITE IN GROWING SPRING TO EARLY FALL USE ON 1/2 POUNDS OF RYE INOCULANT SEED W/ INOCULANT USE FROM NORTH ATLANTA AND MICHIGAN
ALONE	50 lbs. 1.1 lb.				
WITH OTHER PERENNIALS	30 lbs. 0.7 lb.				
FESCUE TALL (Festuca arundinacea)	50 lbs. 1.1 lb.		MOUNTAINS SOUTHERN REDMONY	J F M A M J J A S O N D	227,000 SEED PER POUND USE ONLY IN BETTER SITES NOT FOR DROUGHTY SOILS ON CROWNVEITCH LESPEDEZA ON FESCUE SEEDS IN SPRING FOLLOWING FALL PLANTINGS NOT FOR HEAVY USE AREA OR ATHLETIC FIELDS
ALONE	50 lbs. 1.1 lb.				
WITH OTHER PERENNIALS	30 lbs. 0.7 lb.				
LESPEDEZA, SERICEA (Lespedeza curvata)	80 lbs. 1.4 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	350,000 SEED PER POUND HEAVILY ADAPTED LOW MAINTENANCE MIX W/ WEEDING LOVEGRASS COMMON BERMUDA, BARRA, OR TALL FESCUE. 3 YEARS TO BECOME FULLY ESTABLISHED. INOCULATE SEED W/ EL INOCULANT
ALONE	75 lbs. 1.7 lb.				
WITH OTHER PERENNIALS					
UNSCARIFIED	75 lbs. 1.7 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	MIX W/ TALL FESCUE OR WINTER ANNUALS
ALONE					
WITH OTHER PERENNIALS					
SEED-BEARING HAY	3 tons 136 lb.		MOUNTAINS SOUTHERN REDMONY SOUTHERN COASTAL PLAIN	J F M A M J J A S O N D	CUT WHEN SEED IS MATURE, BUT BEFORE IT BATTERS. ADD TALL FESCUE OR WINTER ANNUALS
ALONE	4 lbs. 0.1 lb.				
WITH OTHER PERENNIALS	2 lbs. 0.05 lb.				

SPILL PREVENTION

Product Specific Practices
The following product specific practices will be followed on site:

Petroleum Products:
All onsite vehicles will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage. Petroleum products will be stored in tightly sealed containers which are clearly labeled. Any asphalt substances used onsite will be applied according to the manufacturer's recommendations.

Fertilizers:
Fertilizers used will be applied only in the minimum amounts recommended by the manufacturer. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage will be in a covered shed. The contents of any partially used bags of fertilizer will be transferred to a sealable plastic bag to avoid spills.

Paints:
All containers will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm sewer system but will be properly disposed of according to manufacturer's instructions or State and local regulations.

Concrete Trucks:
Concrete trucks will be allowed to wash out or discharge surplus concrete or drum wash water on the site at designated location.

Spill Control Practices
In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

- Manufacturers' recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures on the location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area onsite. Equipment and materials will include but not be limited to brooms, dust pans, rags, mops, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local environmental agency, regardless of the size.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures will also be included.
- The site superintendent responsible for the day-to-day site operations will be the spill prevention and cleanup coordinator. He will designate at least three other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel will be posted in the material storage area and in the office trailer onsite.

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REVISIONS:			
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-1	04/13/05	CO	C.O.A. COMMENTS
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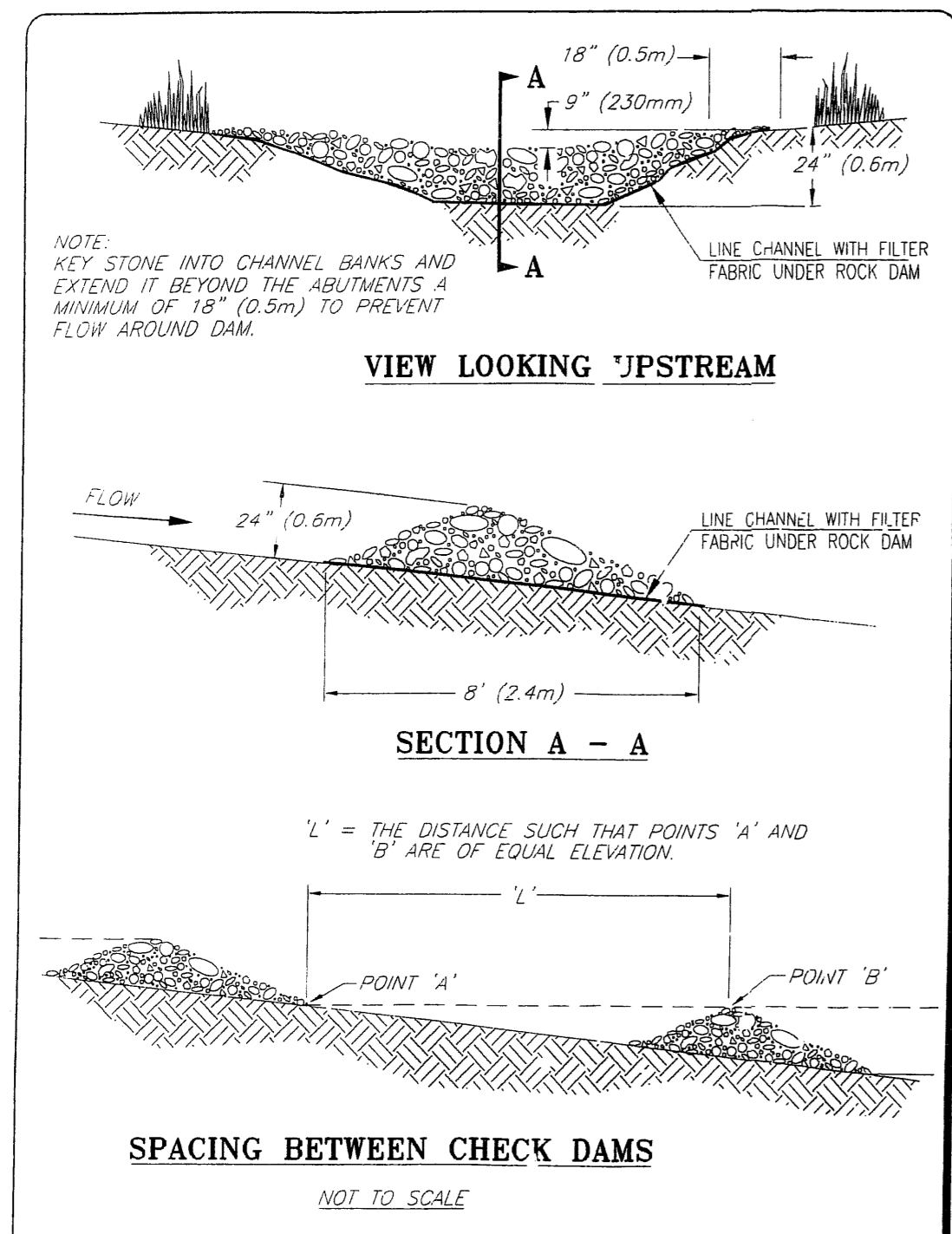
SHEET TITLE
EROSION & SEDIMENT CONTROL DETAILS

SCALE: NTS
DATE: OCT. 13, 2004
PROJECT: 04177.00

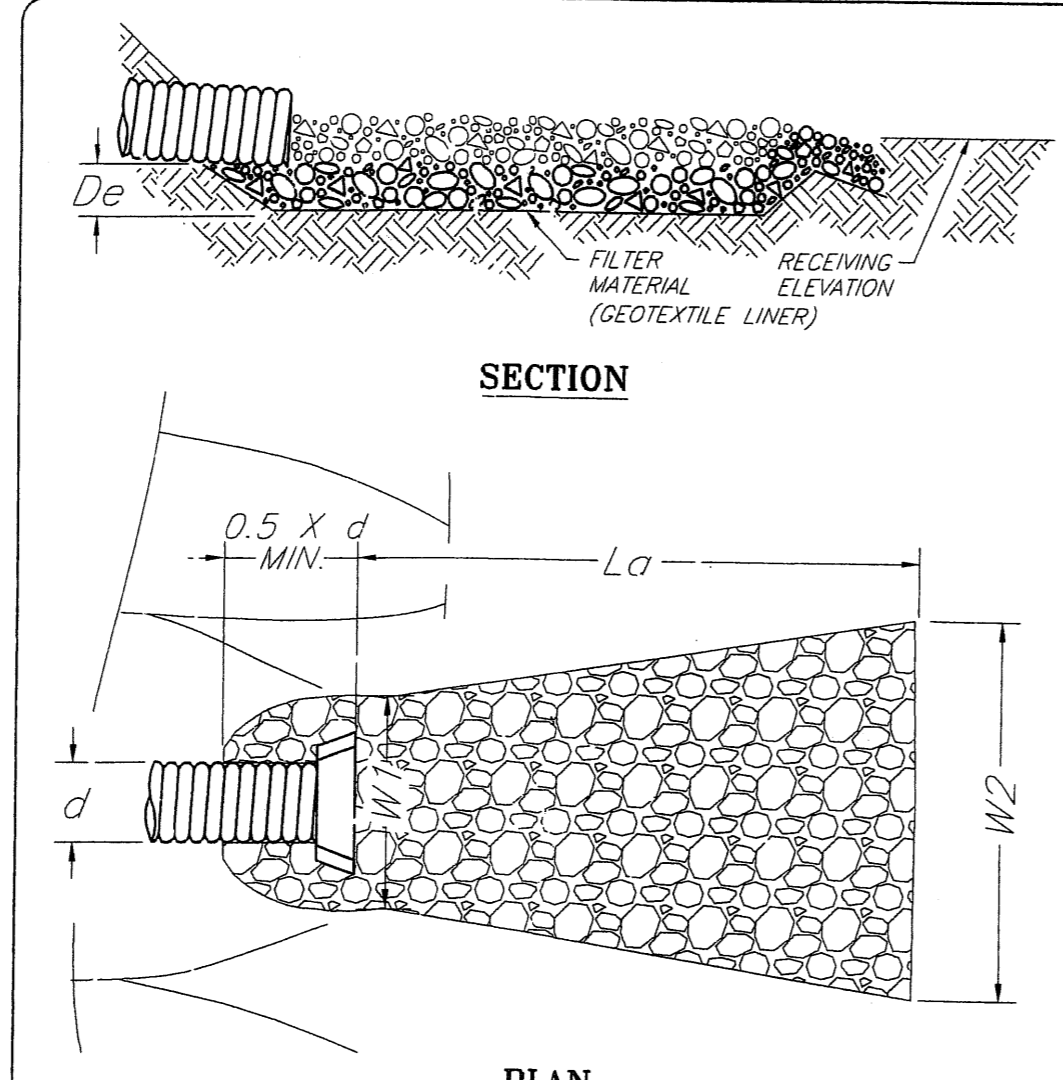
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MICHAEL S. THAYER
REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO
No. 8715

7 SHEET



Cd CHECK DAM



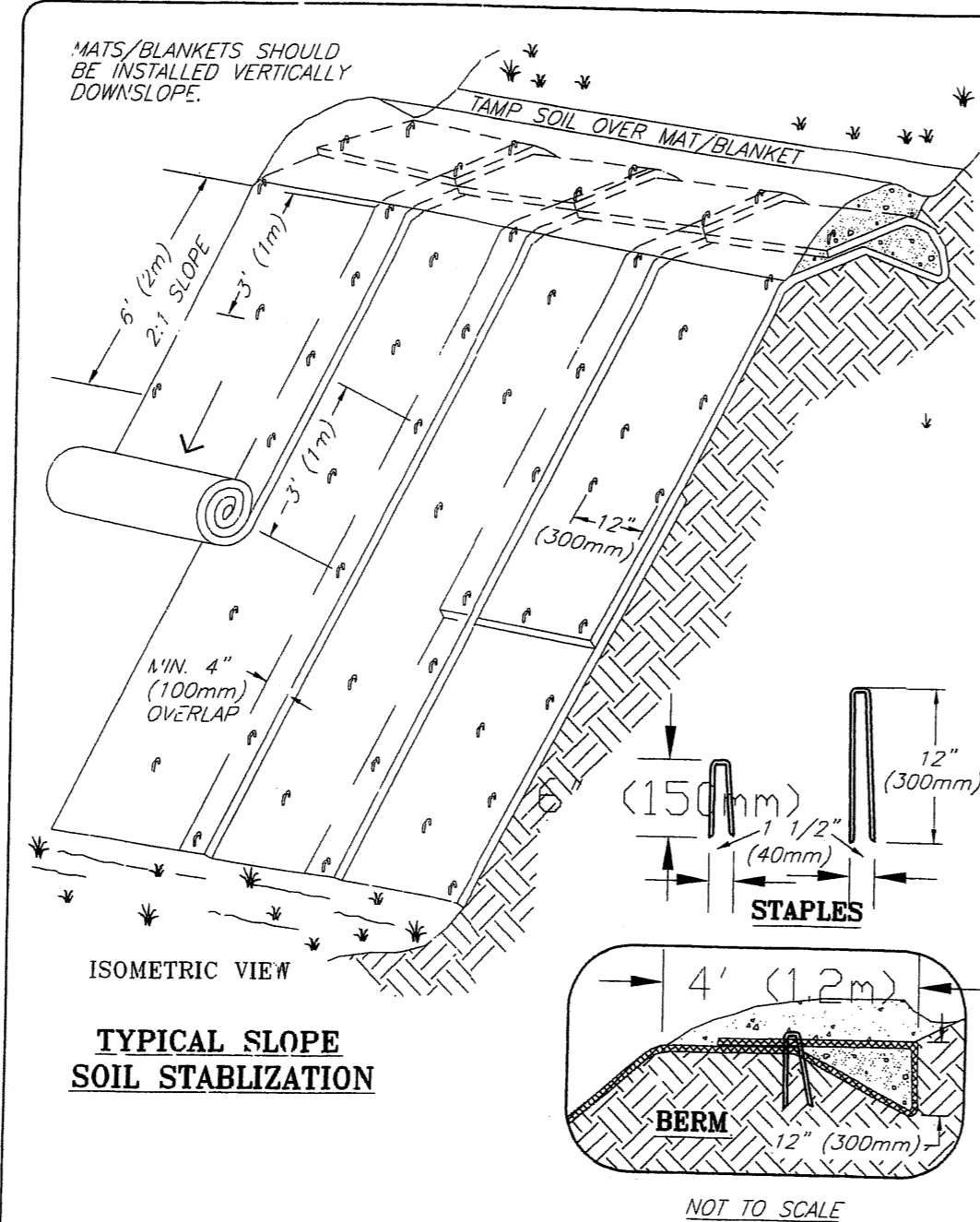
PLAN

LOCATION	d	MAX FLOW	d50	d-MAX	De	W1	La	W2
15"ø HW	15"	3.6 CFS	6"	9"	18"	3.75'	8'	9.5'
18"ø HW	18"	6.0 CFS	6"	9"	18"	4.5'	10'	11.5'
24"ø HW	24"	13 CFS	6"	9"	18"	6.0'	13'	15.0'
30"ø HW	30"	23 CFS	9"	14"	21"	7.5'	16'	18.5'
36"ø HW	36"	38 CFS	9"	14"	21"	9.0'	20'	23.0'
42"ø HW	42"	57 CFS	9"	14"	21"	10.5'	23'	26.5'
48"ø HW	48"	80 CFS	1'	18"	27"	12.0'	30'	34.0'
54"ø HW	54"	110 CFS	1'	18"	27"	13.5'	32'	36.5'
60"ø HW	60"	145 CFS	1'	18"	27"	15.0'	34'	39.0'

NOTES:
 1. APRON SHALL BE SET AT A ZERO GRADE AND ALIGNED STRAIGHT.
 2. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" (150mm) THICK MINIMUM GRADED GRAVEL LAYER.
 3. W1 AND W2 FOR PIPES OUTFALLING INTO A DEFINED DITCH SHOULD BE SUFFICIENTLY WIDE TO HAVE STONE ONE FOOT ABOVE THE CROWN OF THE PIPE OR THE TOP OF DITCH BANK, WHICHEVER IS LOWER.

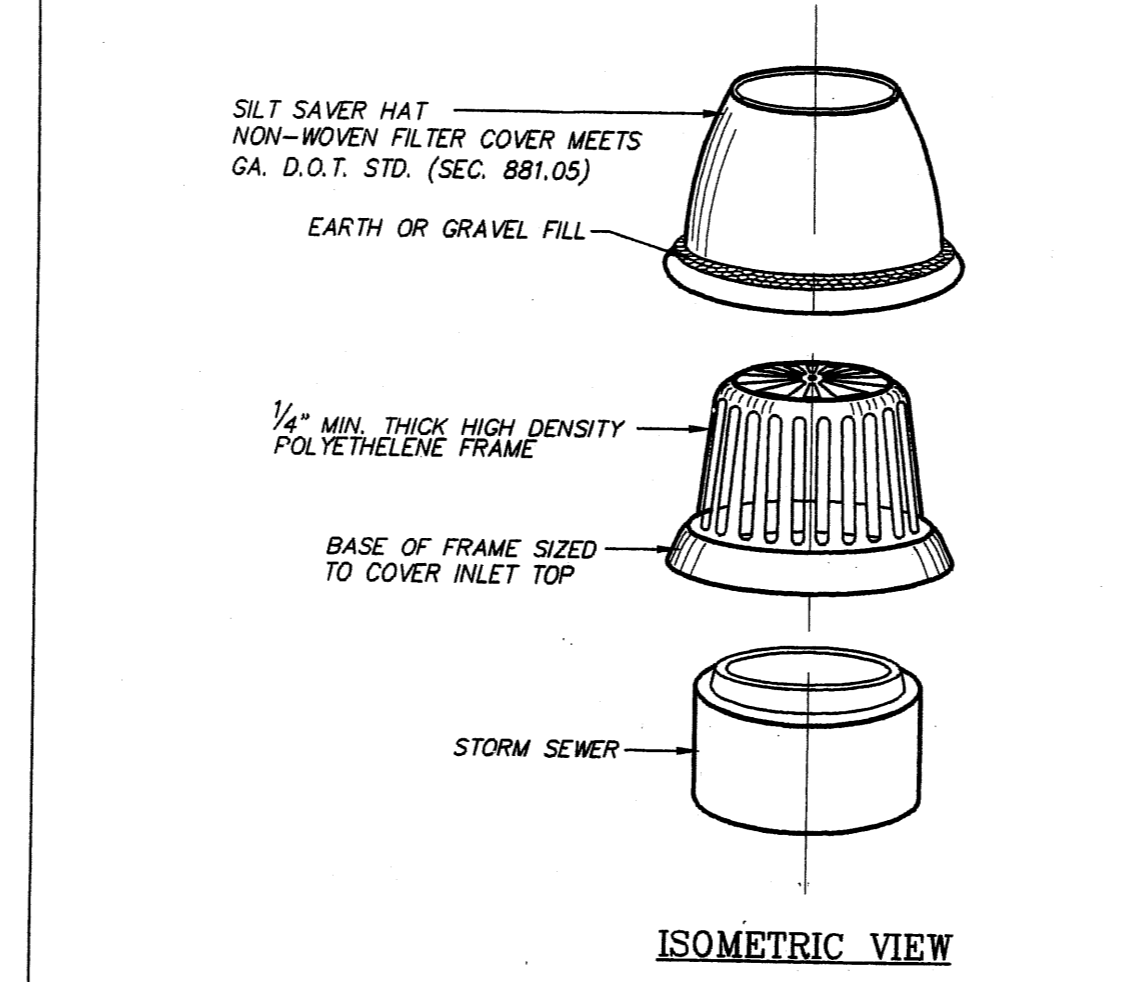
St OUTLET PROTECTION

Construction Specifications:
 Only disturb, clear, or grade areas necessary for construction. Flag or otherwise delineate areas not to be disturbed. Exclude vehicles and construction equipment from these areas to preserve natural vegetation.
 All graded or disturbed areas including slopes shall be protected during clearing and construction in accordance with the approved erosion and sediment control plan until they are permanently stabilized.
 All sediment control measures shall be constructed and maintained in accordance with the approved erosion and sediment control plan and according to the standards and specifications for the appropriate erosion control practices.
 If topsoil is required for the establishment of vegetation, it shall be stockpiled in the amount necessary to complete finished grading and protected from erosion during the interim.
 Areas to be filled shall be cleared, grubbed to remove trees, vegetation, roots and other objectionable material, and stripped of topsoil.
 Areas to receive topsoil shall be scarified to a minimum depth of 3 inches (76 mm) prior to placement of topsoil.
 All fills shall be compacted as required by building standards to reduce erosion, slippage, settlement, subsidence and other related problems. Fill intended to support buildings, structures, conduits, etc., shall be compacted in accordance with local requirements or codes.
 The outer face of the fill slope should be allowed to stay loose, not rolled, compacted, or blade smooth. A bulldozer may run up and down the fill slope so the dozer treads (cleat tracks) create grooves perpendicular to the slope. If the soil is not too moist excessive compaction will not occur.
 1/2" sand shall be placed and compacted in layers not to exceed 8 inches (0.2 m) per lift.
 Use slope breaks, such as diversions, benches, or contour furrows as appropriate, to reduce the length of cut-and-fill slopes to limit sheet and rill erosion and prevent gully erosion.
 The finished cut-and-fill slopes, which are to be vegetated with grass and legumes, should not be steeper than 2:1.
 Slopes to be maintained by tractor or other equipment should not be steeper than 3:1.
 Roughen the surface of all slopes during the construction operation to retain water, increase infiltration, and facilitate vegetation establishment.
 Seeps or springs encountered during construction shall be handled in accordance with approved methods.
 Stabilize all graded areas with vegetation, crushed stone, riprap, or other ground cover as soon as grading is completed or if work is interrupted for 21 working days or more.
 Use mulch to stabilize areas temporarily where final grading must be delayed.
 Stockpiles, borrow areas and spoil areas shall be staked on the plans and shall be stabilized to prevent erosion and sedimentation.
 Slopes in excess of 2:1 will require hydroseeding or mulching. Tackling, and/or "punching-in" straw, bioengineering techniques, or retaining walls may also be required on these slopes.



NOTES:
 1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLDS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
 3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

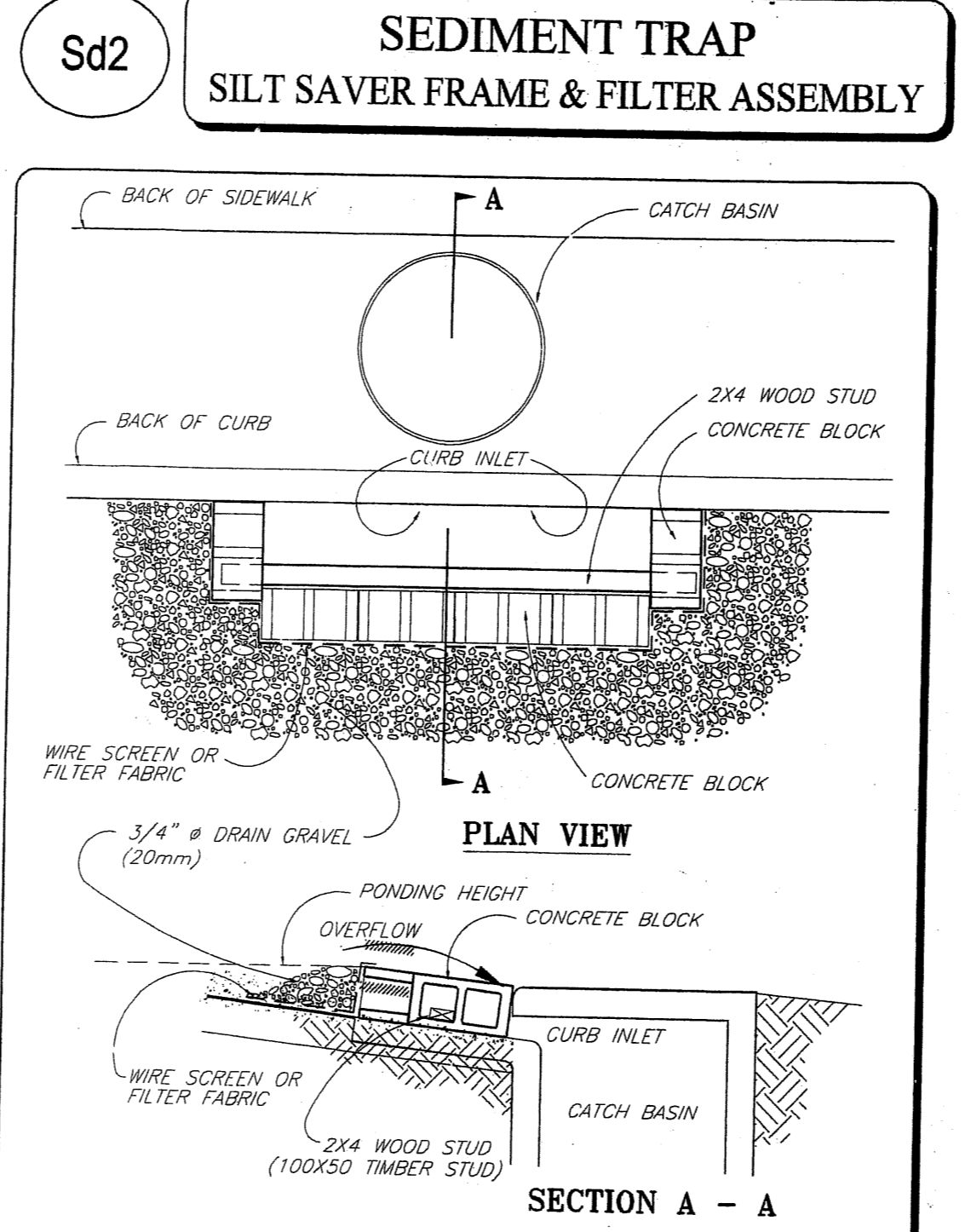
EROSION CONTROL MATTING



Sd2 SEDIMENT TRAP SILT SAVER FRAME & FILTER ASSEMBLY

TYPICAL CONSTRUCTION SEQUENCE
 1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
 2. PLACE THE FRAME ONTO THE INLET STRUCTURE. ENSURE THE FRAME COVERS STRUCTURE COMPLETELY.
 3. PLACE THE FILTER OVER THE FRAME.
 4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND THE INLET STRUCTURE.
 5. BACKFILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER BACKFILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.

MAINTENANCE REQUIREMENTS
 1. MAINTENANCE IS REQUIRED WHEN ERODED SOILS REACH A POINT OF 65% OF THE TOTAL HEIGHT OF THE FRAME OR APPROXIMATELY 7 TO 9 INCHES OF THE GRAY FILTER MATERIAL IS SHOWING.
 2. REMOVE THE IMPACTED MATERIAL BY HAND OR MACHINE METHOD, PAYING CLOSE ATTENTION NOT TO DAMAGE THE FRAME OR FILTER.
 3. BRUSH, SWEEP OR WASH FILTER AND INSPECT FOR ANY CUTS AND/OR ABRASIONS. REPLACE FILTER AS NECESSARY. INSPECT FRAME FOR ANY STRESS OR DAMAGE. REPLACE AS NECESSARY.
 4. REFILL FILTER POCKETS, BACKFILL AS REQUIRED BY JOB SITE CONDITIONS.



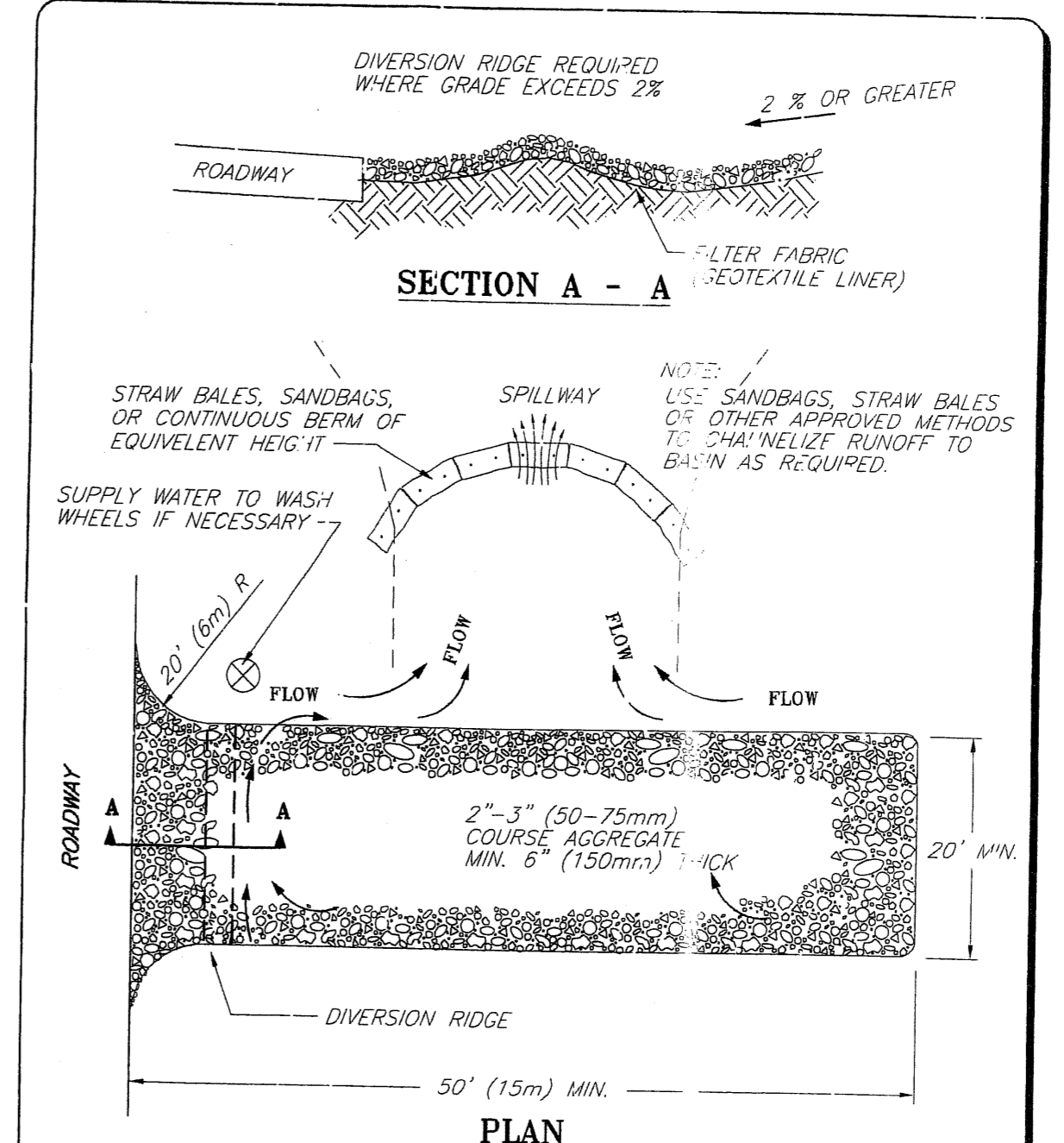
NOTES:
 1. USE BLOCK AND DRAIN TYPE SEDIMENT BARRIER WHEN CURB INLET IS LOCATED IN GENTLY SLOPING STREET SEGMENT WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 2. BARRIER SHALL ALLOW FOR OVERFLOW FROM SEVERE STORM EVENT.
 3. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

Sd2-P CURB INLET FILTER CURB INLET SEDIMENT BARRIER (BLOCK & GRAVEL)

FOR USE AFTER PAVING AND CATCH BASINS HAVE BEEN INSTALLED, OR ON EXISTING CATCH BASINS

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT
Construction Specifications:
 The aggregate size for construction of the pad shall be 2-3 inch (51-76 mm) stone. Place the gravel to the specific grade and dimensions shown on this plan, and smooth it. The thickness of the pad shall not be less than 6 inches (0.2 m). Use geotextile fabrics, if necessary, to improve stability of the foundation in locations subject to seepage or high water table.
 The width of the pad shall not be less than the full width of all points of ingress or egress and in any case shall not be less than 20 feet (3.6 m) wide.
 The length of the pad shall be as required, but not less than 50 feet (15.2 m).
 Locate construction entrances and exits to limit sediment leaving the site and to provide for maximum utility by all construction vehicles. Avoid entrances which have steep grades and entrances at curves in public roads.
 The entrance shall be maintained in a condition that will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand, and repair and/or maintenance of any measures used to trap sediment.
 All sediment spilled, dropped, washed or tracked onto public rights-of-way shall be removed immediately.
 Provide drainage to carry water to a sediment trap or other suitable outlet.
 When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with crushed stone that drains into an approved sediment trap or sediment basin.
 All sediment shall be prevented from entering any storm drain, ditch or watercourse through use of sand bags, gravel, straw bales, or other approved methods.

Inspection and Maintenance:
 Maintain the gravel pad in a condition to prevent mud or sediment from leaving the construction site.
 Replace gravel material when surface voids are visible.
 After each rainfall, inspect any structure used to trap sediment and clean it out as necessary. Immediately remove all objectionable materials spilled, washed, or tracked onto public roadways. Remove all sediment deposited on paved roadways within 24 hours.



NOTES:
 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY.
 2. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

Co TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

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REVISIONS:

NO.	DATE	BY	DESCRIPTION
-1	04/13/05	CO	C.O.A. COMMENTS
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SHEET TITLE
EROSION & SEDIMENT CONTROL DETAILS

SCALE: NTS
 DATE: OCT. 13, 2004
 PROJECT: 04177.00

THIS SEAL IS ONLY VALID IF COUNTER SIGNED AND DATED WITH AN ORIGINAL SIGNATURE.

MICHAEL S. TWIDEN
 NEW MEXICO
 LICENSED PROFESSIONAL ENGINEER
 8175

LANDSCAPING DESCRIPTION

THE TEXAS RED OAK IS A MEDIUM SIZED TREE THAT CAN ACHIEVE A HEIGHT OF THIRTY OR MORE FEET WITH AN EQUAL SPREAD. THIS TREE WILL DEVELOP A RATHER TYPICAL SHAPE AND FORM FOR THE SPECIES WITH ITS DENSE, ROUNDED CANOPY. IT CAN ALSO BE FOUND IN THE WILD AS A MULTI-STEMMED VARIETY. THE TREES ARE MODERATELY FAST GROWING, ESPECIALLY FOR A HARDWOOD TREE. THEIR BARK IS THICK WITH SCALY RIDGES THAT ARE SEPARATED BY DEEP, DARK FURROWS. THE TEXAS RED OAK IS ALSO KNOWN AS THE SPANISH OAK, SPOTTED OAK, RED OAK AND ROCK OAK.

THE NEW MEXICO OLIVE IS A DECIDUOUS SHRUB OR SMALL TREE OF THE OLEACEAE FAMILY. AIRLY FAST GROWTH MAKES IT A GOOD SCREENING PLANT AS WELL AS A LANDSCAPE ITEM IN ARID CLIMATES. DOES WELL IN FULL SUN, DOES WELL IN RIPARIAN AREAS (ALONG STREAMS AND NEAR LAKES). THIS IS A TREE THAT CAN BE PRUNED AND USED IN A VARIETY OF WAYS. SOMETIMES MULTI-TRUNKED, IT MAKES AN ATTRACTIVE LANDSCAPE TREE, SHORT ENOUGH TO GROW BENEATH UTILITY LINES. IT CAN BE PRUNED INTO A SHRUB OR A HEDGE FOR SCREENING, GARDEN DELINEATION, OR USED AS ONE ELEMENT OF A WINDBREAK.

THE GOLDEN RAIN TREE IS A MEDIUM-SIZED OPEN-BRANCHED, DECIDUOUS TREE. THE BLUE-GREEN LEAVES TURN YELLOW IN FALL. LONG PANICLES OF FRAGRANT FLOWERS ARE FOLLOWED BY ATTRACTIVE, PAPERY, LANTERN-LIKE PINK TO RED BUSHED SEED PODS. FULL SUN. MODERATE-GROWING TO 20 TO 30 FEET HIGH, 25 TO 35 FEET WIDE.

THE INDIAN HAWTHORNE IS A SMALL EVERGREEN SHRUB WITH SIMPLE SERRATED LEAVES AND LOOSE CLUSTERS OF PINKISH-COLORED FLOWERS IN SPRING. IT CAN GROW UP TO 5 FEET TALL AND WIDE WITH A SLOW GROWTH RATE. THE FOLIAGE IS ALTERNATE, LIGHT GREEN LEAVES, OFTEN CLUSTERED AT TWIG TIPS. WIDER AT END AND NARROWER AT BASE. THE FRUIT IS SMALL GREEN TO BLACK BERRIES IN CLUSTERS. THE FLOWERS ARE SMALL, WHITE TO ROSE COLORED, IN SMALL CLUSTERS IN SPRING. THE SHRUB GROWS IN FULL SUN TO PARTIAL SHADE WITH ACID TO ALKALINE SOIL. THE SHRUBS HAVE A MEDIUM DROUGHT TOLERANCE.

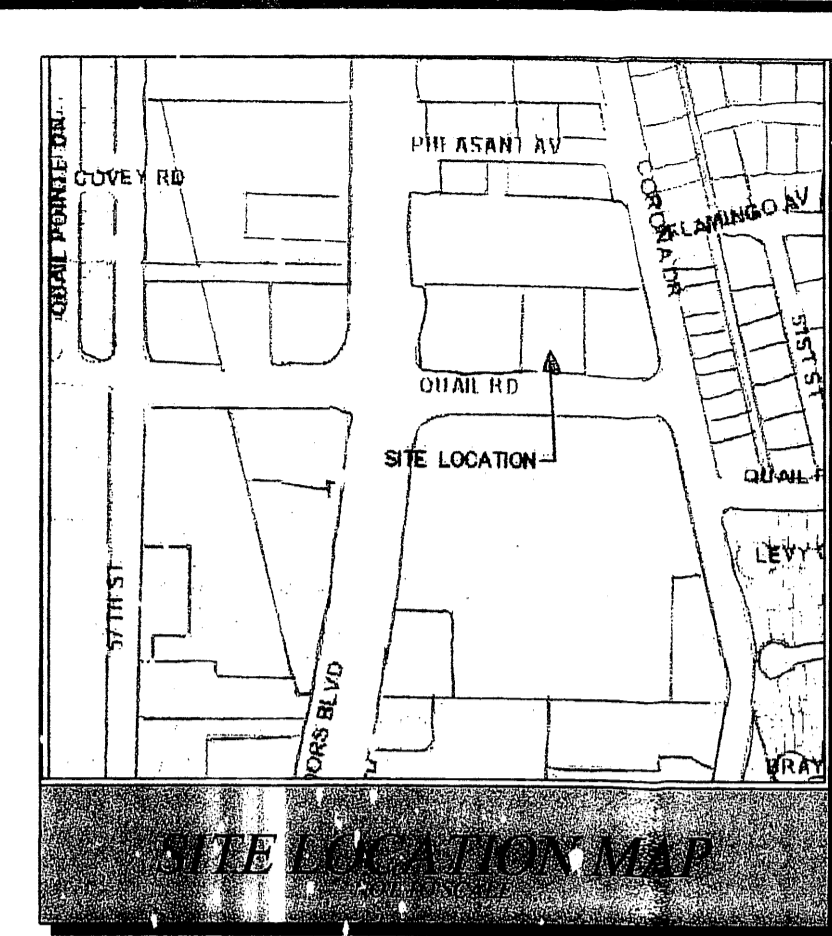
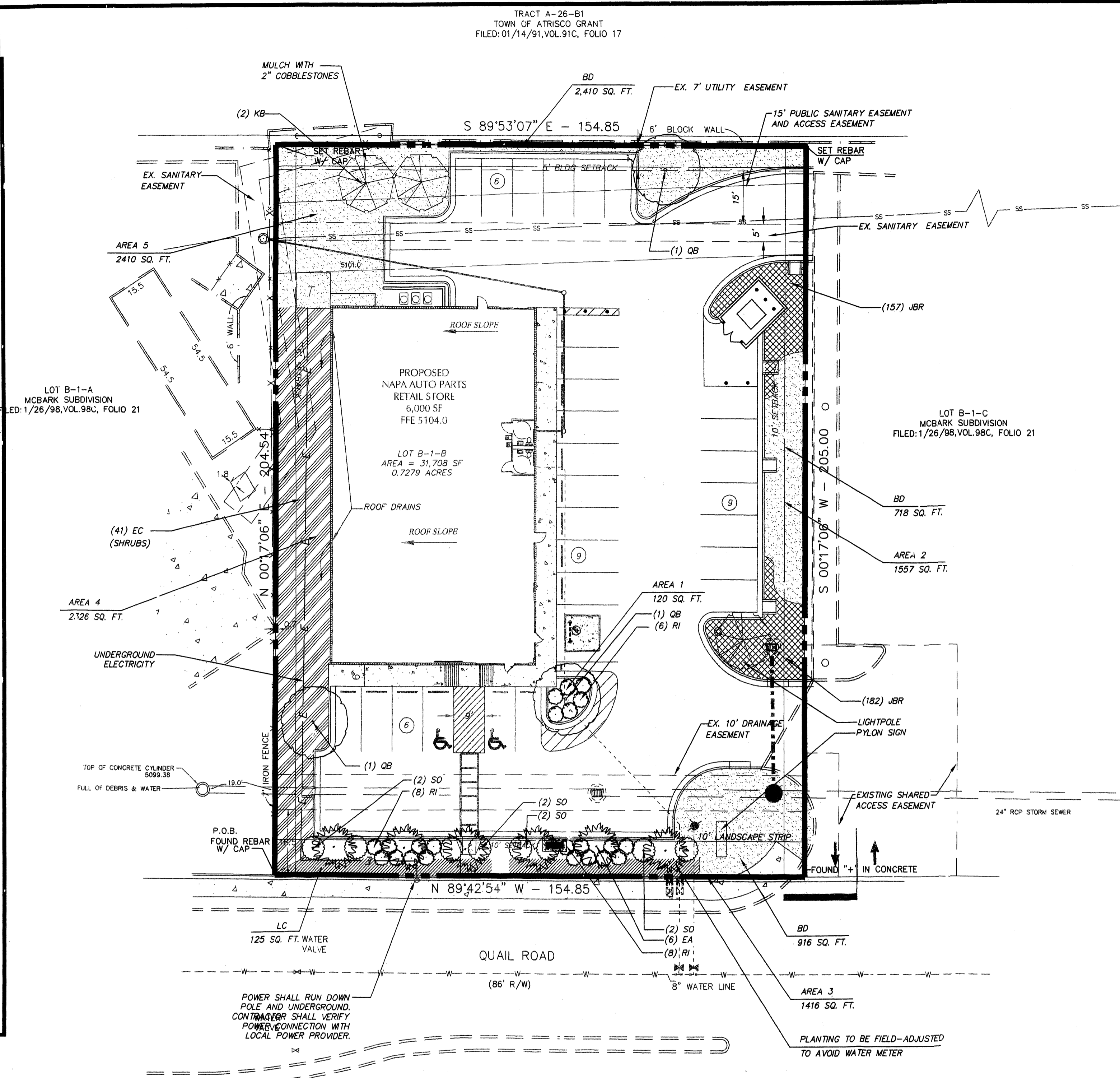
THE WESTERN SNOWBERRY IS A MULTI-BRANCHED SHRUB, UP TO 1 M TALL; YOUNG TWIGS PALE GREEN TO LIGHT RED-BROWN; OLDER BARK GREY-BROWN, SHREDDING; READILY PRODUCES SUCKERS TO FORM DENSE THICKETS. THE LEAVES ARE SIMPLE, OPPOSITE, OBLONG, 3-6 CM LONG, THICK, GREY-GREEN, PALER BELOW; EDGES SMOOTH, WAVY-TOOTHED OR OCCASIONALLY LOBED. THE FLOWERS ARE IN SMALL CLUSTERS AT BRANCH TIPS OR IN LEAF AXILS; PINKISH WHITE, URN-SHAPED, 4-10 MM LONG, WHITE-HAIRY INSIDE; TAPES UNUSUALLY PROTRUDE FROM FLOWER; STYLE HAIRY, 4-5 MM LONG; APPEARING LATE JUNE TO AUGUST. THE FRUITS ARE GREENISH WHITE, BERRY-LIKE DRUPES, 6-10 MM LONG, IN DENSE CLUSTERS, TURN PURPLE IN AUTUMN, OFTEN LAST THROUGH INTER, BELIEVED POISONOUS

THE BRITTLE BUSH IS A SMALL DECIDUOUS SHRUB THAT GROWS AS A LOW, ROUNDISH MOUND 2 TO 5 FEET HIGH. BRITTLE BRANCHES SPROUT FROM A WOODY TRUNK. THE LEAVES HAVE SERRATED EDGES, AND ARE BROADER AT THE BASE THAN AT THE TIP. THEY ARE ABOUT 1 TO 4 INCHES LONG. THE LEAVES ARE COVERED WITH A THICK MAT OF SHORT HAIRS GIVING A GRAY-GREEN APPEARANCE.

BLUE RUG JUNIPER HAVING A UNIFORM, FULL CENTERED GROWTH HABIT WITH INTENSE SILVER-BLUE FOLIAGE. EXCELLENT EVERGREEN FOR LARGE SCALE GROUND COVERS OR CASCADING OVER WALLS. FULL SUN. FAST-GROWING TO 6 INCHES HIGH, SPREADS 6 TO 8 FEET. CUTTING GROWN.

BUFFALO GRASS IS OFTEN TALL, GREYISH-GREEN IN APPEARANCE AND HAS A FINE TEXTURE. COMMONLY FOUND IN THE WEST, SOUTHWEST, GREAT PLAINS, AND CANADA, IT IS A GRASS WELL SUITED FOR CONDITIONS OF DROUGHT, HIGH HEAT, HIGH WINDS, AND COOL WINTERS. IT IS A RUGGED GRASS THAT GROWS WELL IN LOAM & CLAY SOILS, AND NOT WELL IN SANDY SOILS.

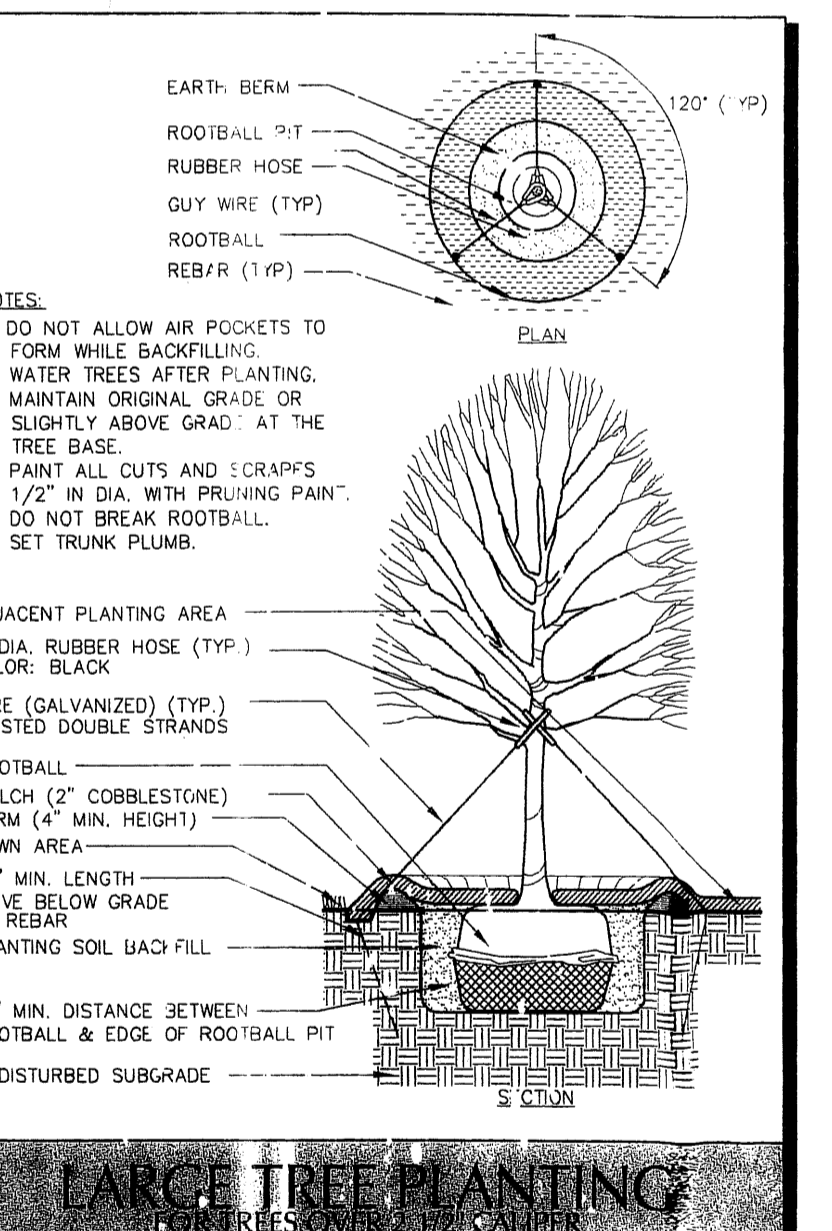
LANTANA (YELLOW SAGE) IS A PERENNIAL SHRUB REACHING 12-18 INCHES TALL. LEAVES ARE OPPOSITE, OVATE, 1-5 INCHES LONG AND 1-2 INCHES WIDE, WITH VERY SMALL ROUNDED TEETH, SOMEWHAT ROUGH AND HAIRY. LEAVES ARE AROMATIC WHEN CRUSHED. FLOWERS ARE BORNE IN DENSE CLUSTERS 1-2 INCHES ACROSS ON THE AXILS NEAR THE TOP OF THE STEM. EACH FLOWER IS TUBULAR WITH 4 LOBES FLARING TO ABOUT 1/4 INCH, INITIALLY YELLOW OR PINK GRADUALLY CHANGING TO ORANGE AND DEEP RED. OFTEN, THE DIFFERENT COLORED FLOWERS ARE PRESENT ON THE SAME CLUSTER. FRUIT IS FLESHY, GREENISH-BLUE TO BLACK, AND BERRY-LIKE WITH EACH CONTAINING ONE SEED.



OPEN SPACE CALCULATIONS

AREA OF SITE (TOTAL LOT AREA)	±0.73 ACRES
NET LOT AREA	±0.59 ACRES
LANDSCAPED AREA REQUIRED ON SITE (0.59 x 0.15)	±0.088 ACRES
AMOUNT OF LANDSCAPED AREA PROVIDED	±0.18 ACRES (31%)
OFF STREET PARKING AREA LANDSCAPING (30 SPACES x 1 TREE / 10 SPACES = 3 TREES)	
ALL TREES ARE WITHIN 100 FEET OF A PARKING SPACE.	

- GENERAL LANDSCAPE NOTES:**
- IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO BEGINNING CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ANY EXIST. CONDITIONS AND WORK IN PLACE.
 - ALL PLANT MATERIALS SHALL ARRIVE AT THE SITE W/ MOST SOIL IN CONTAINERS OR ROOTBALL.
 - PLANTS OF INCORRECT SIZE OR POOR HEALTH WILL NOT BE ACCEPTED FOR PAYMENT.
 - NO REVISION SHALL BE MADE TO THIS PLAN W/O THE APPROVAL OF THE LANDSCAPE ARCHITECT.
 - ALL TREE, SHRUB AND GROUNDCOVER BEDS SHALL BE COVERED W/ 3" PINESTRAW MULCH.
 - ALL DISTURBED AREAS NOT SHOWN TO BE PLANTED W/ TREES, SHRUBS, GROUNDCOVER OR SEASONAL COLOR SHALL BE PLANTED WITH SOIL.



REPLACEMENT PLANT MATERIAL

TREES									
SYMBOL	KEY	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CALIPER	MAX. HEIGHT	MAX. SPREAD	SPACING
○	QB	3	Quercus texan	TEXAS RED OAK	12' - 14'	2"	12' - 14'	12' - 14'	AS SHOWN
●	EA	6	Elaeagnus angustifolia	NEW MEXICO OLIVE	12' - 14'	2"	12' - 14'	12' - 14'	AS SHOWN
⊗	KB	3	Koeleretaria bipinnata	GOLDEN RAIN TREES	6' - 8'	-	6' - 8'	-	AS SHOWN
SHRUB									
⊙	RI	22	Raphiolepis indica	INDIAN HAWTHORNE	18' - 24'	-	36' - 42'	36' - 42'	AS SHOWN
●	SO	8	Symphoricarpos occidentalis	WESTERN SNOWBERRY	24' - 36'	-	24' - 36'	24' - 36'	AS SHOWN
⊙	EC	41	Encelia farinosa	BRITTLE BUSH	12'	-	12'	-	4'
GROUND COVER									
⊙	JBR	369	Juniperus 'Blue Rug'	BLUE RUG JUNIPER	18' - 24'	-	-	-	3'
⊙	BD	4,040	Buchloe dactyloides	BUFFALO GRASS	-	-	-	-	AS SHOWN
⊙	LC	125	Lantana Camara	LANTANA	8' - 12'	-	-	-	AS SHOWN

*ALL OTHER REMAINING GROUND AREAS TO BE TREATED WITH SEED, SOD OR MULCH.

- LANDSCAPE NOTES:**
- LANDSCAPING SHALL BE INSTALLED ACCORDING TO THE APPROVED PLAN; INSTALLATION SHALL BE COMPLETED WITHIN 60 DAYS OF THE RELATED BUILDINGS OCCUPANCY.
 - LANDSCAPING SHALL HAVE ADEQUATE MAINTENANCE. LANDSCAPING WHICH DIES SHALL BE REPLACED BY THE OWNER AS EXPEDITIOUSLY AS POSSIBLE, BUT IN NO CASE LONGER THAN 60 DAYS AFTER NOTIFICATION.
 - THE LANDSCAPED AREAS WILL BE IRRIGATED BY AN AUTOMATIC SPRINKLER / DRIP SYSTEM. THIS SYSTEM WILL BE DESIGNED BY OTHERS.
 - THE OWNER IS RESPONSIBLE FOR THE MAINTENANCE OF THE LANDSCAPING.
 - THE EXISTENCE OF UNDERGROUND UTILITY LINES SHALL BE VERIFIED BY CONTRACTOR. UNDERGROUND UTILITY LINES TO BE CHECKED ARE AS FOLLOWS: WATER AND SEWER, TRAFFIC SIGNAL, FIRE ALARM, GAS, TELEPHONE, ELECTRIC, AND CABLE TELEVISION. PLANTING MUST BE LOCATED SO AS TO NOT INTERFERE, EITHER AT THE TIME OF INSTALLATION OR LATER, WITH THE FUNCTION OF SUCH UNDERGROUND LINES; TREES AND SHRUBS SHOULD BE PLANTED NO LESS THAN THREE FEET FROM EXISTING GAS MAINS OR GAS SERVICE LINES.
 - LANDSCAPING ON SITE SHALL COMPLY WITH CITY OF ALBUQUERQUE WATER CONSERVATION AND WASTE ORDINANCE.

SOD CALCULATIONS

Area covered in sod = 4,040 SF
Percentage of Site area covered in sod = 15.76%

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FOR
GENUINE PARTS COMPANY
2999 CIRCLE 75 PARKWAY
ATLANTA, GA 30339
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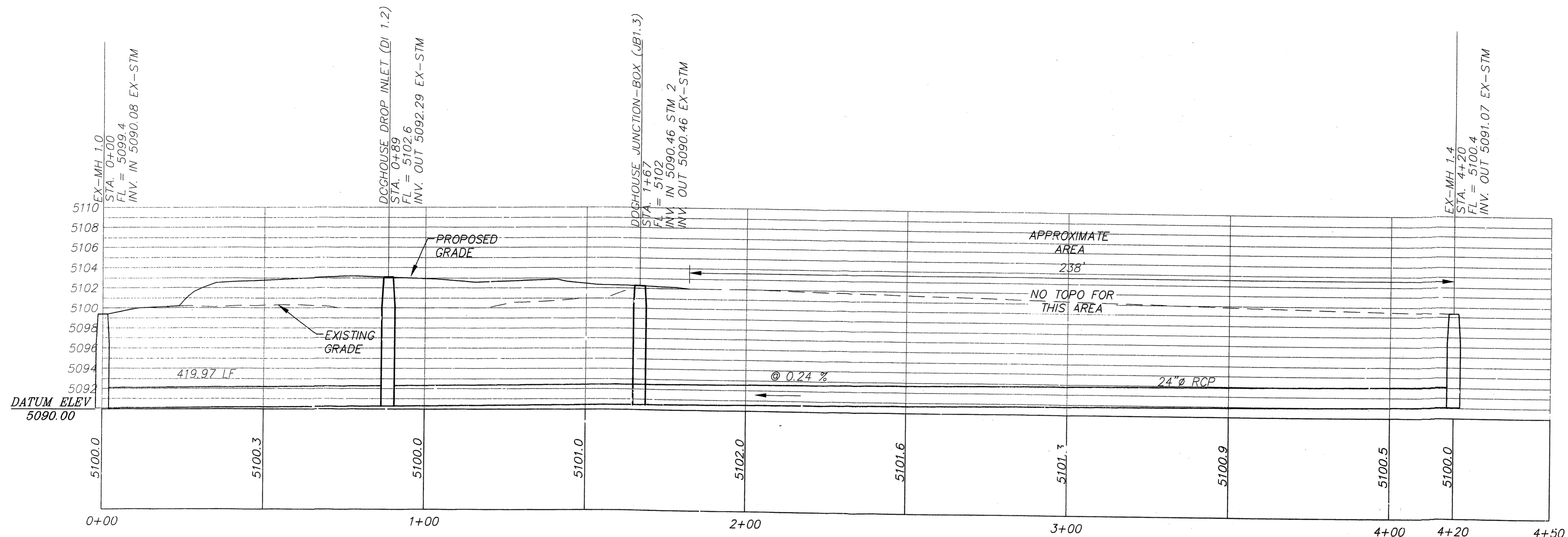
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-2	06/28/05	CO	EPC PRELIM. MEETING COMMENTS
-3	08/15/05	TM	EPC FINAL MEETING COMMENTS

SHEET TITLE
TREE PROTECTION & REPLACEMENT PLAN

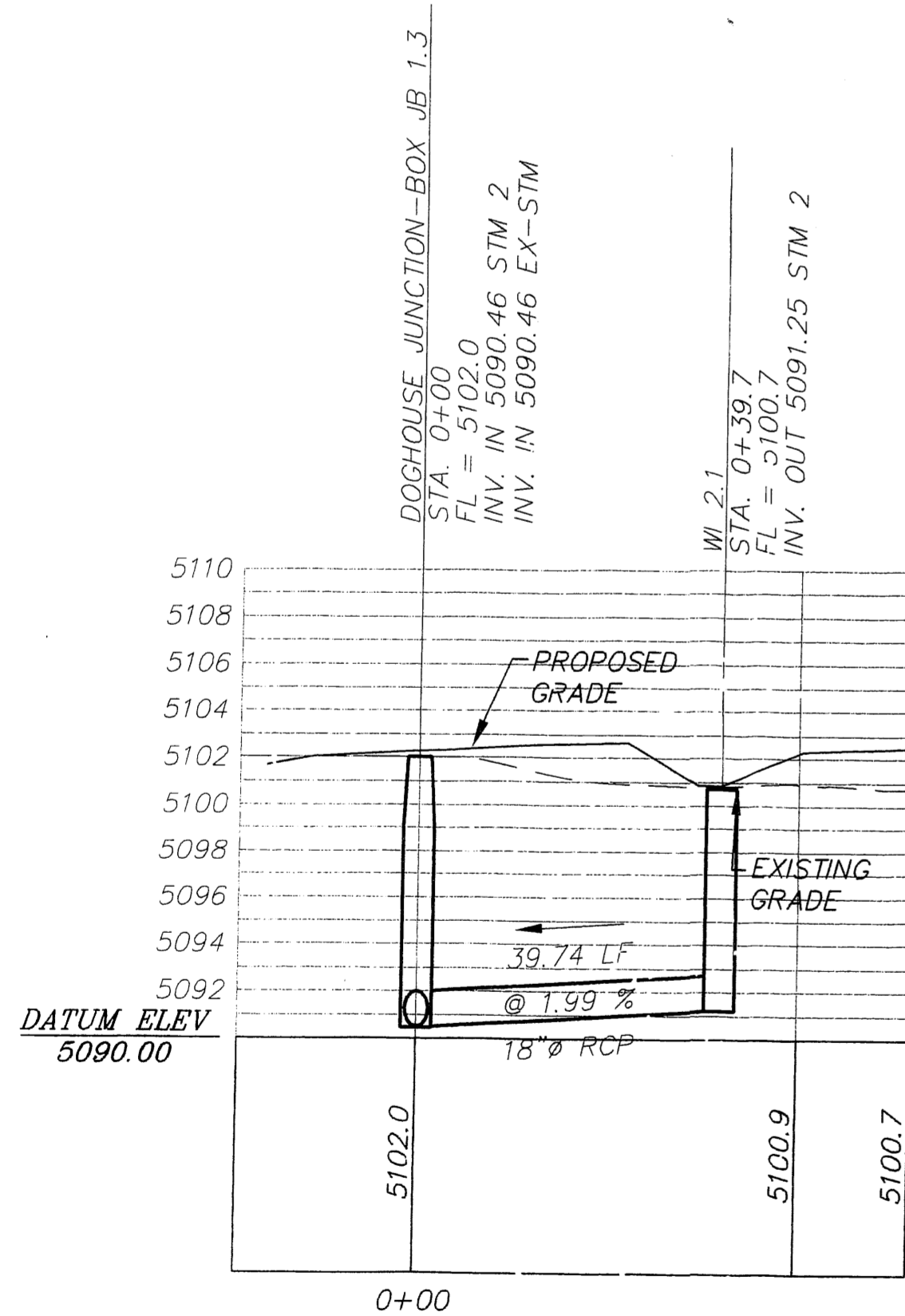
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DATE: OCT. 13, 2004
PROJECT: 04177.00

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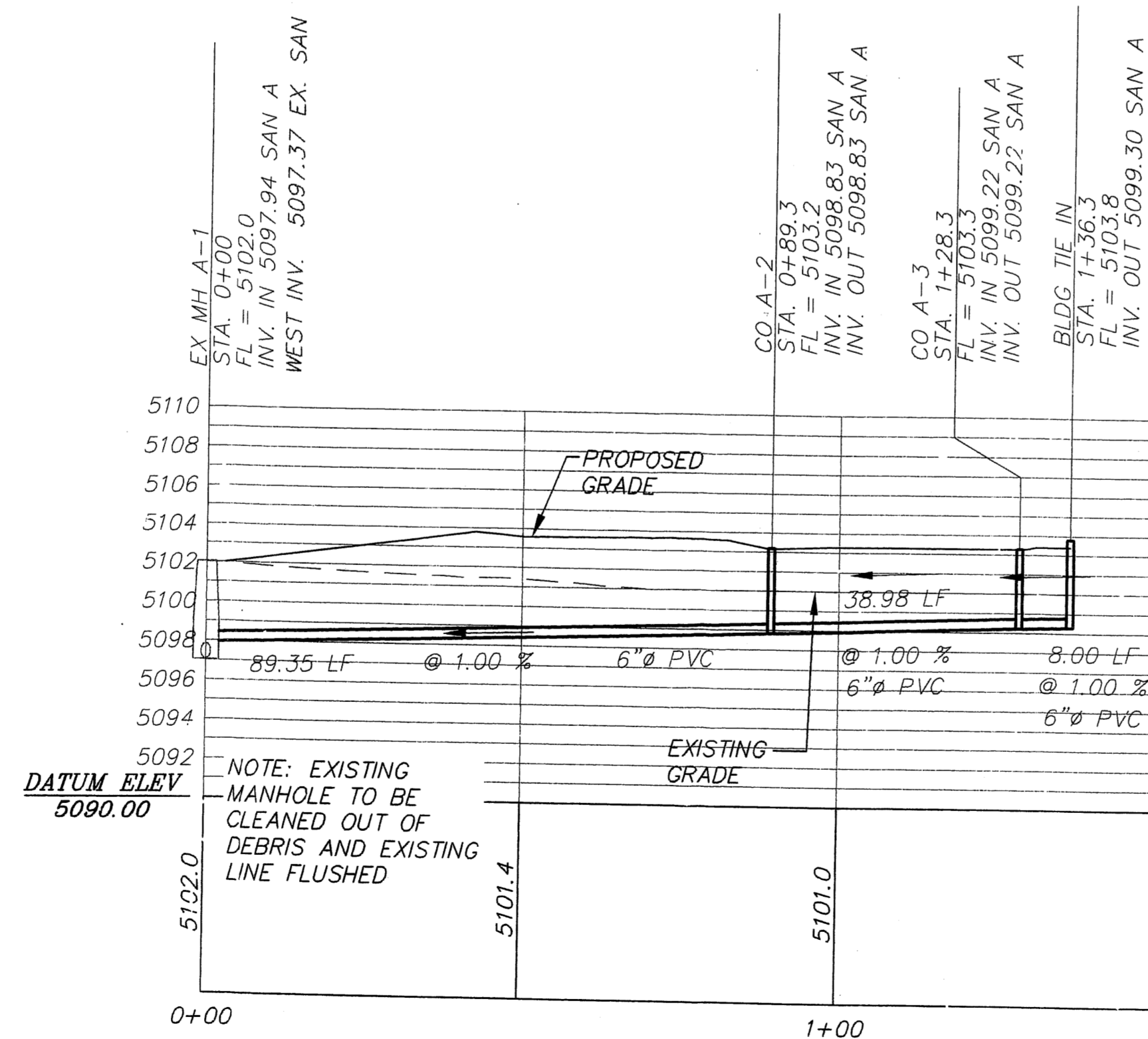


EXISTING STORM LINE
SCALE 1"=20' H
1"=10' V

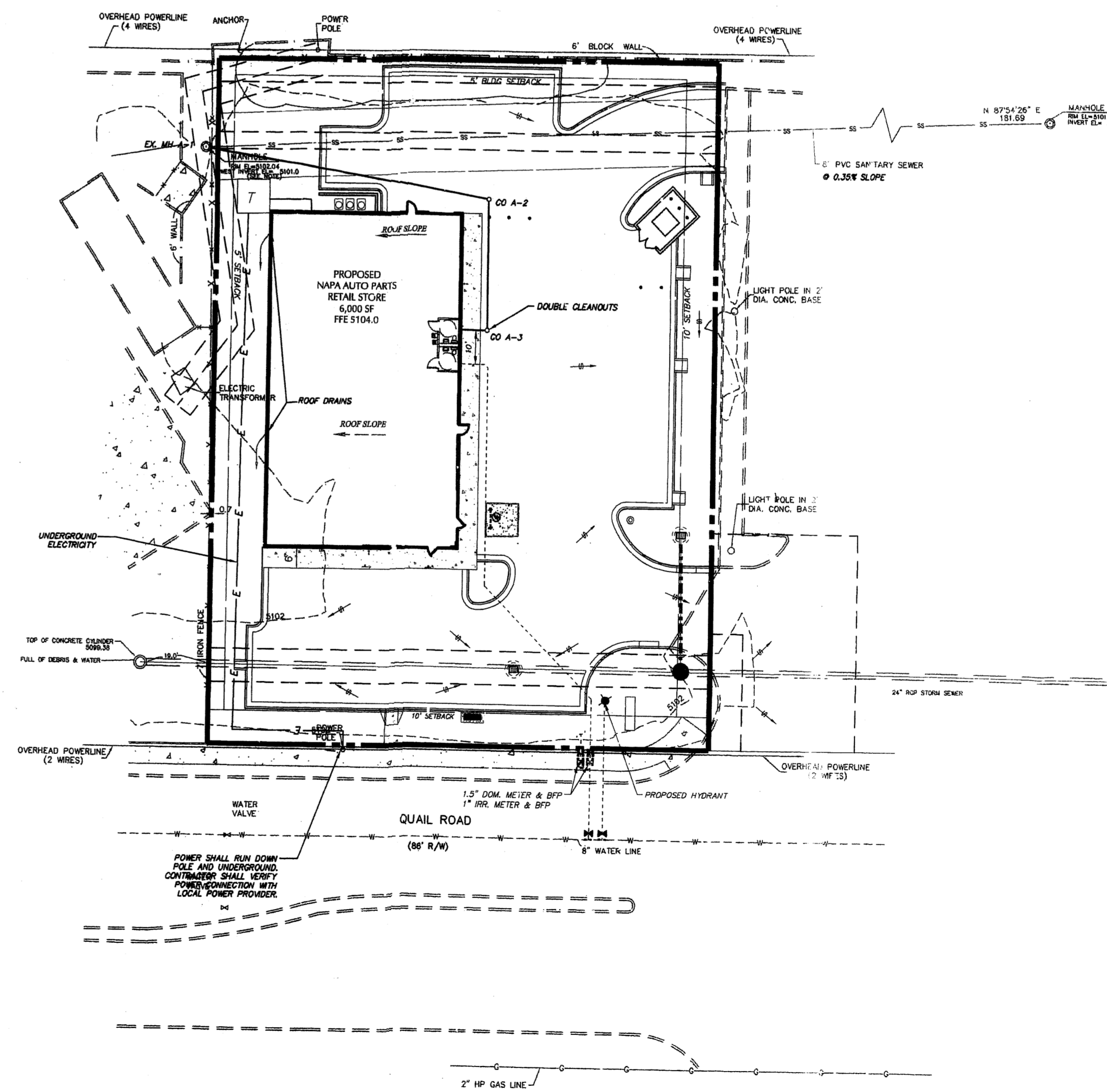
SITE DRAINAGE	
INLET NAME	DRAINAGE AREA (AC.)
EX. MH 1.1	0.21
DOGHOUSE DRAIN INLET (DI 1.2)	0.06
WIWER INLET (WI 2.1)	0.38
BY-PASS	0.07
TOTAL DRAINAGE AREA	0.72
TOTAL SITE AREA	0.72



STORM LINE 2
SCALE 1"=20' H
1"=10' V



SANITARY LINE A
SCALE 1"=20' H
1"=10' V



NOT TO SCALE
FOR REFERENCE ONLY

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SHEET TITLE
STORM & SANITARY SEWER PROFILES

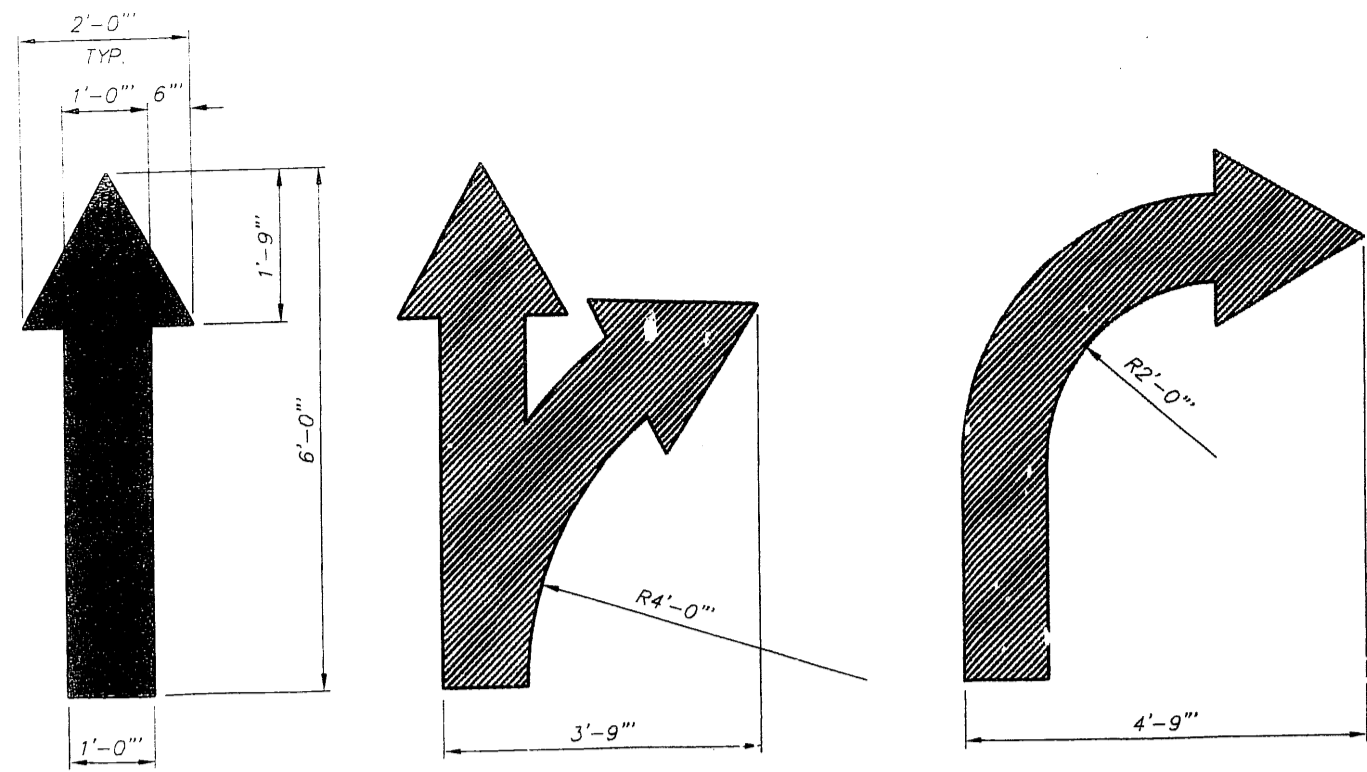
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MICHAEL S. THINER
NEW MEXICO
LICENSED PROFESSIONAL ENGINEER

[Signature]

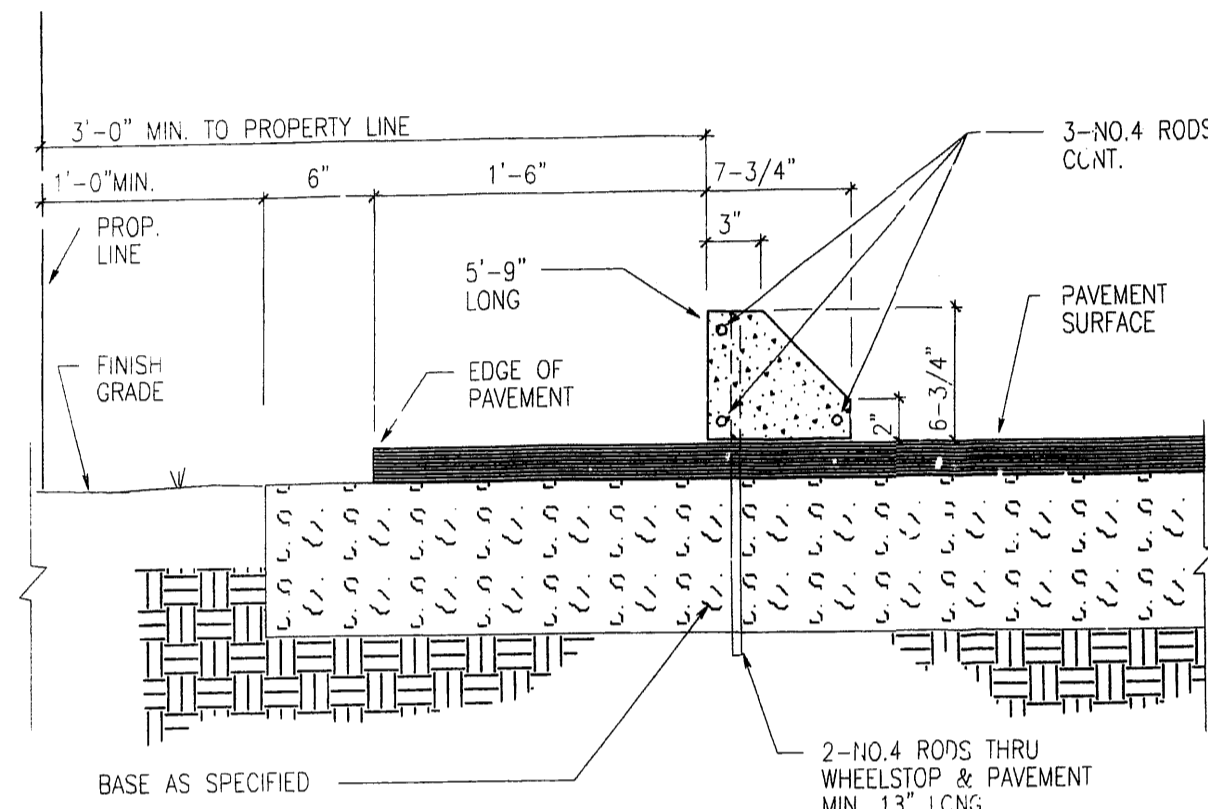
10
SHEET



ALL FLOW ARROWS TO BE SOLID YELLOW REFLECTIVE TRAFFIC PAINT AS PER DIMENSIONS ABOVE.

REVERSE ARROWS FOR OPPOSITE DIRECTION OF FLOW.

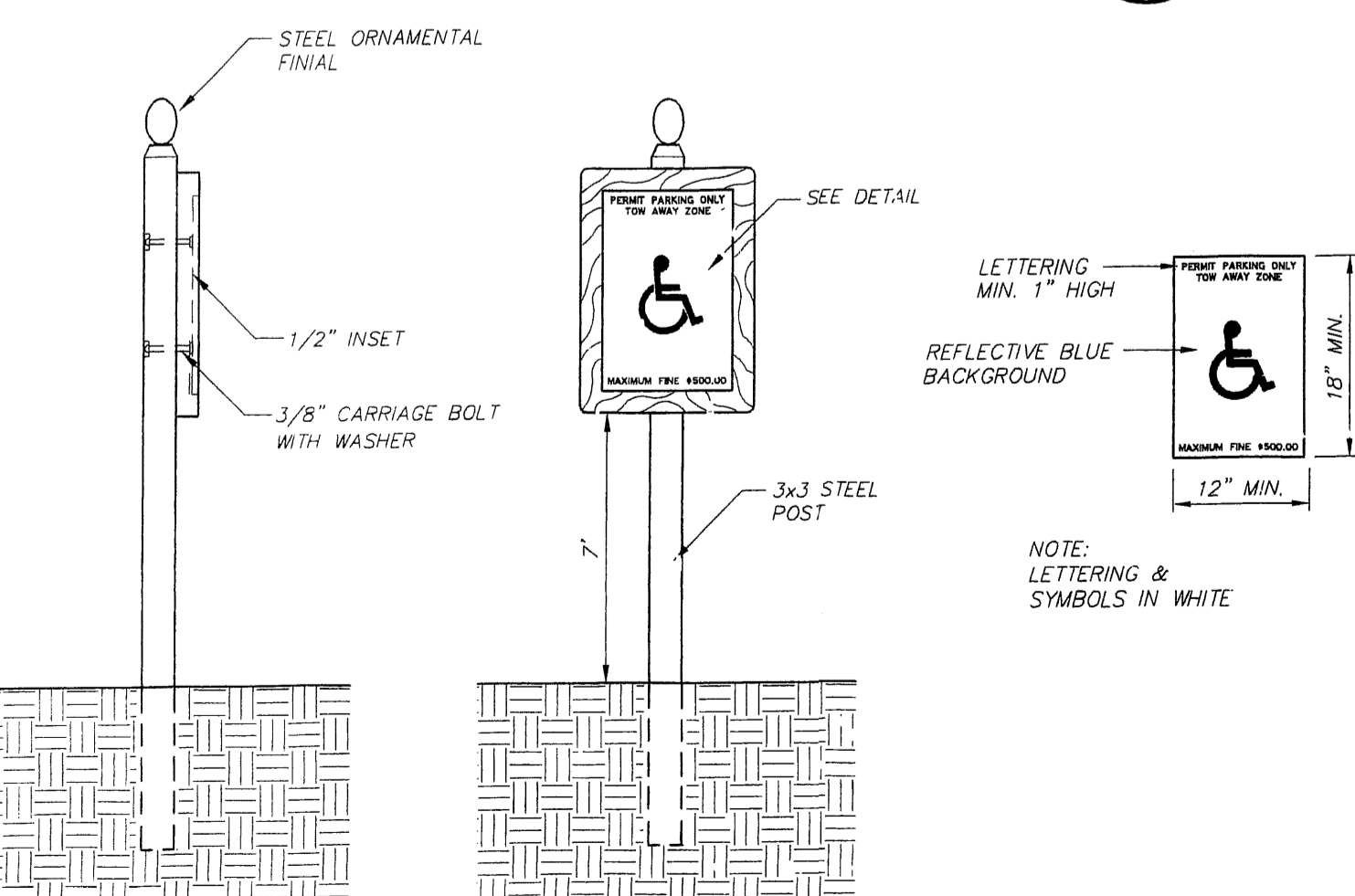
1 TYPE 2 PAINTED TRAFFIC ARROWS
D1 NTS



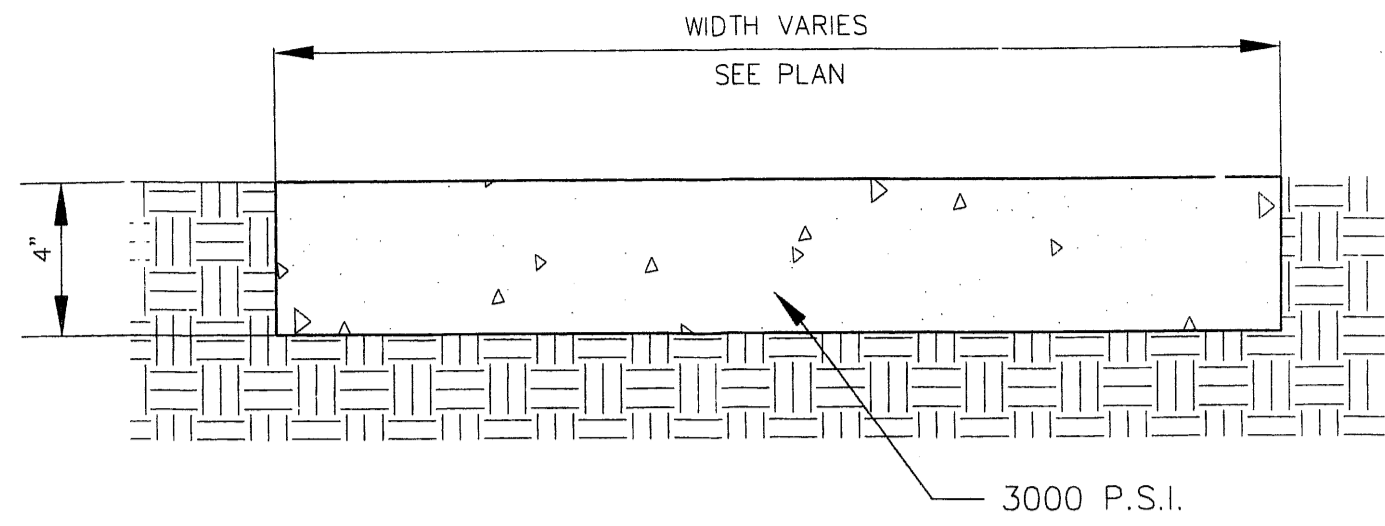
5 PRECAST CONCRETE WHEELSTOP
D1 NTS



14 SIGN DETAIL POSED AT/NEAR FRONT DOOR
D1 NTS

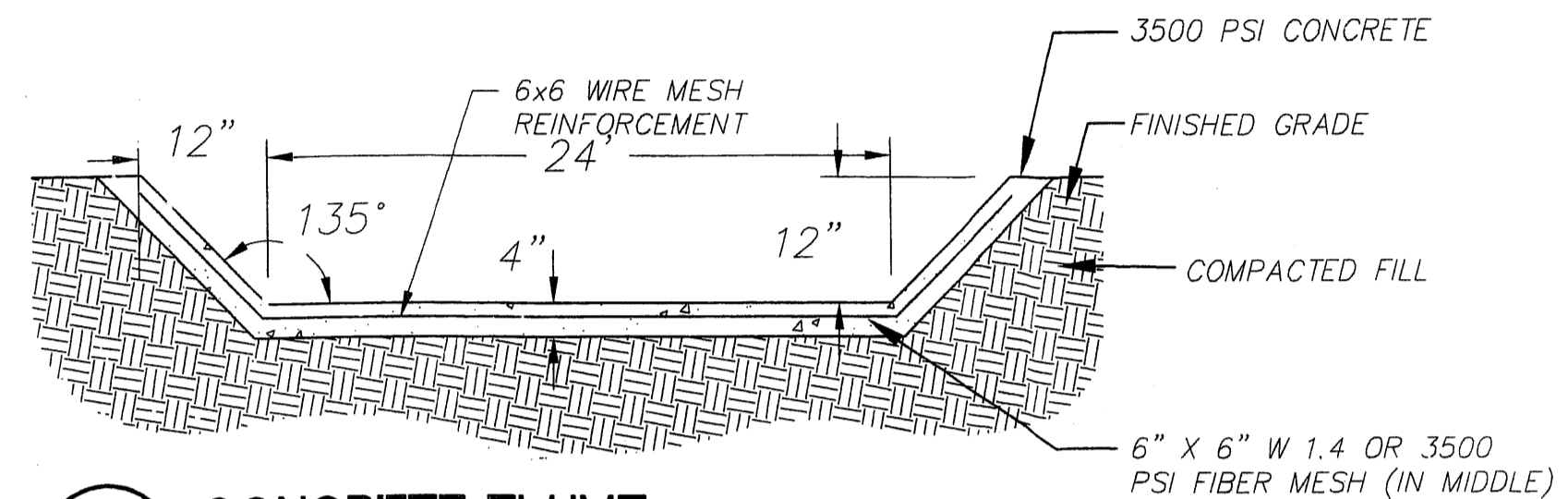


10 HANDICAP PARKING SIGN
D1 NTS

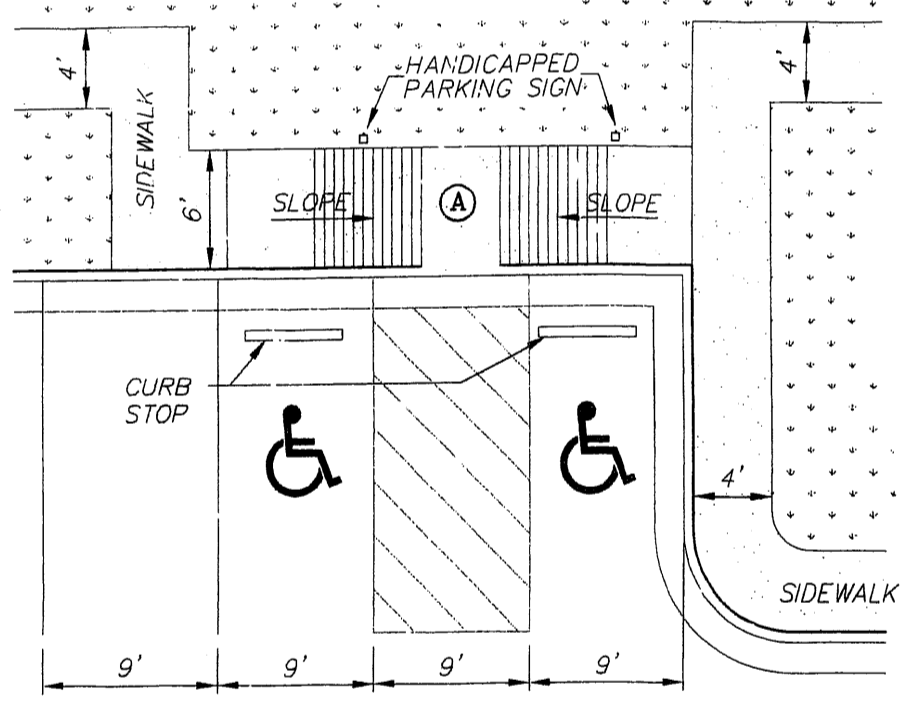


THICKENED EDGE WALK NOT REQUIRED WHERE WALK ABUTS STRUCTURE. PROVIDE A 1/2" NON-EXTRUDING EXPANSION JOINT AGAINST STRUCTURE. SIDEWALK TO BE SCRIBED IN SQUARES EQUAL TO WIDTH OF WALK.

2 CONCRETE SIDEWALK
D1 NTS

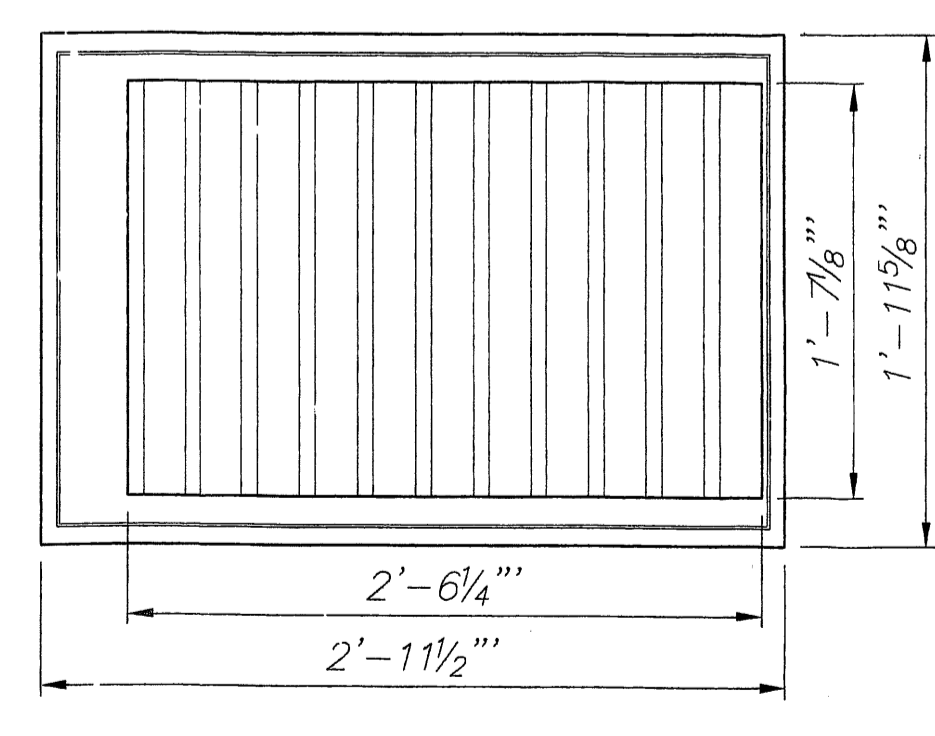


6 CONCRETE FLUME
D1 NTS



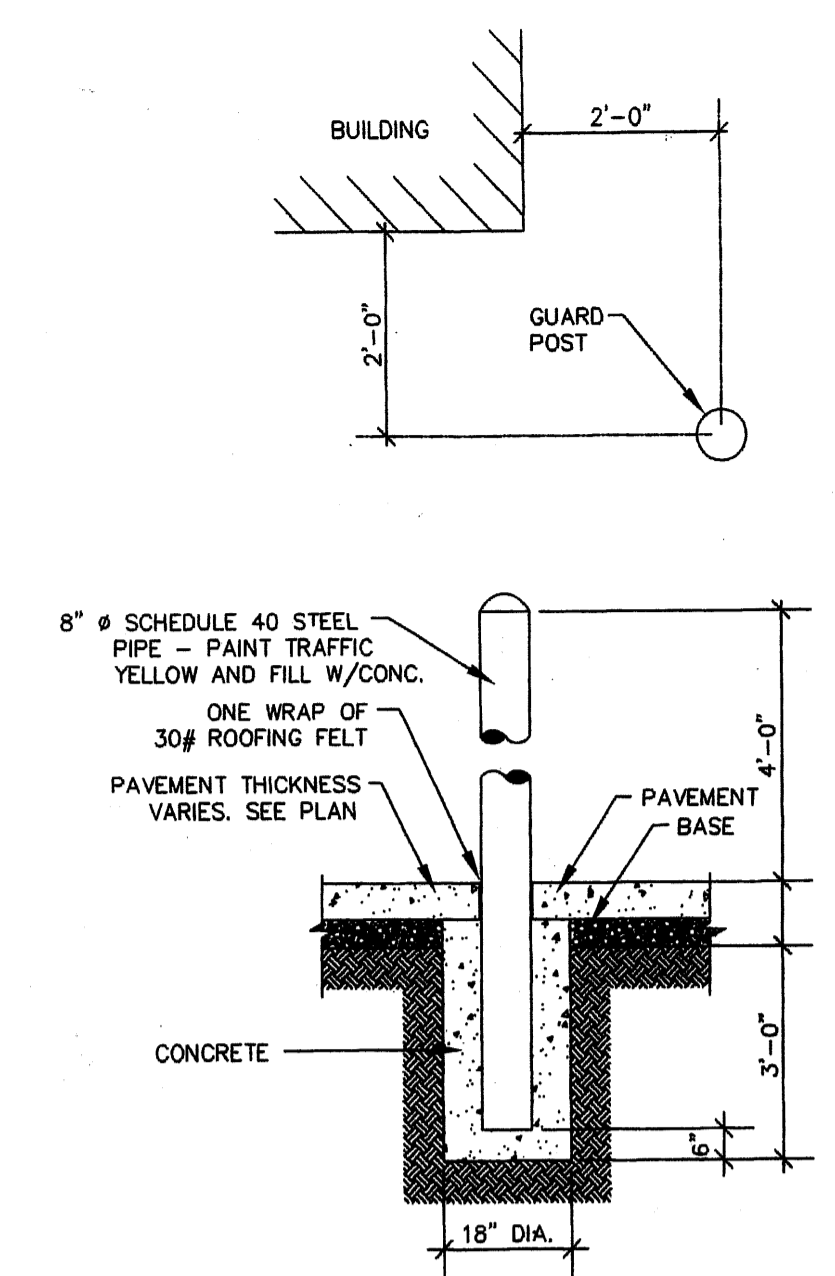
NOTE: HANDICAP PARKING AREA AS DIMENSIONED SHALL NOT EXCEED 2% SLOPE IN ANY DIRECTION.

7 HANDICAP PARKING SPACES
D1 NTS

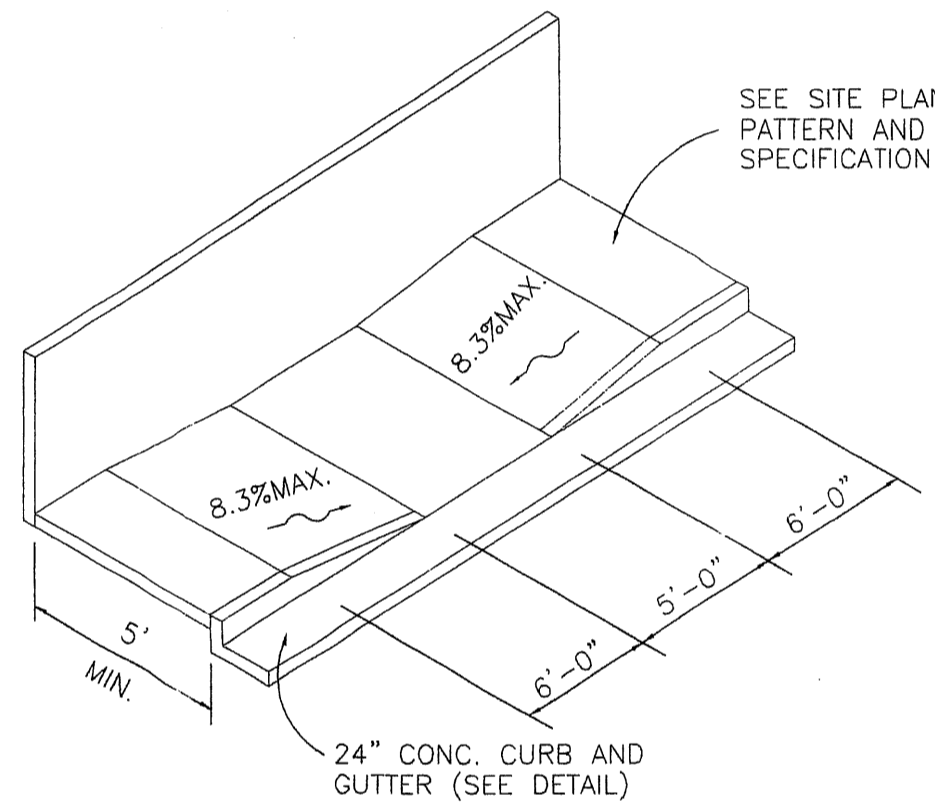


TO BE USED IN PAVED AREAS USE V-4280-2 GRATE FROM HIGGINS FOUNDRY & SUPPLY CO., INC. 404-436-7300 OR EQUAL

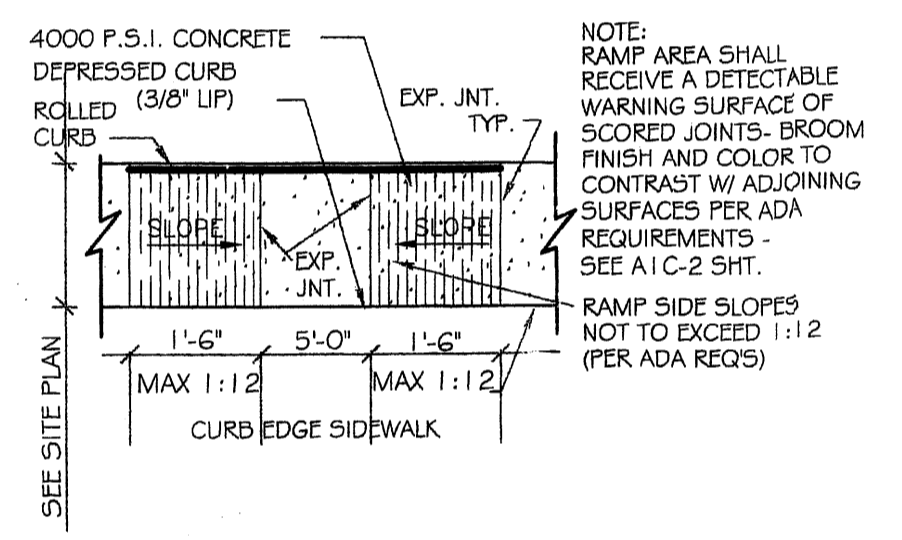
11 DROP INLET
D1 NTS



3 PIPE BOLLARD DETAIL
D1 NTS

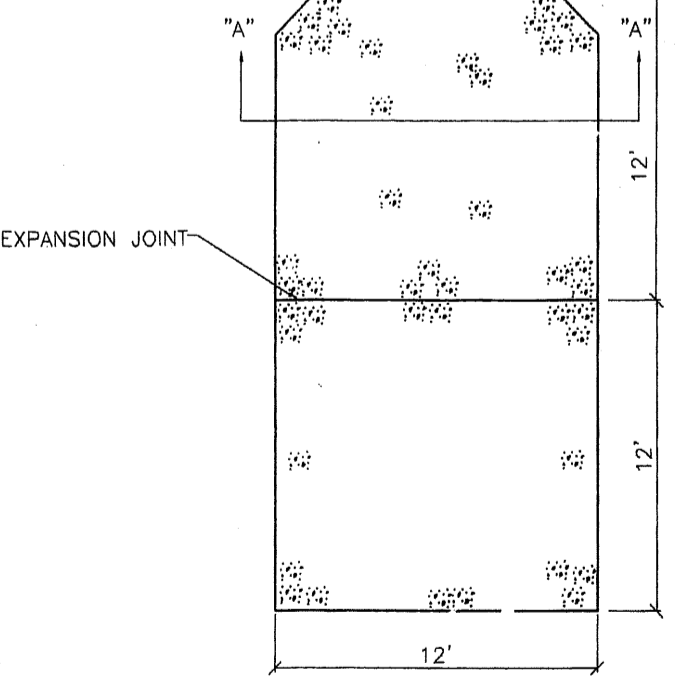


8 CONC. RAMP-INTERNAL TYPE A
D1 NTS



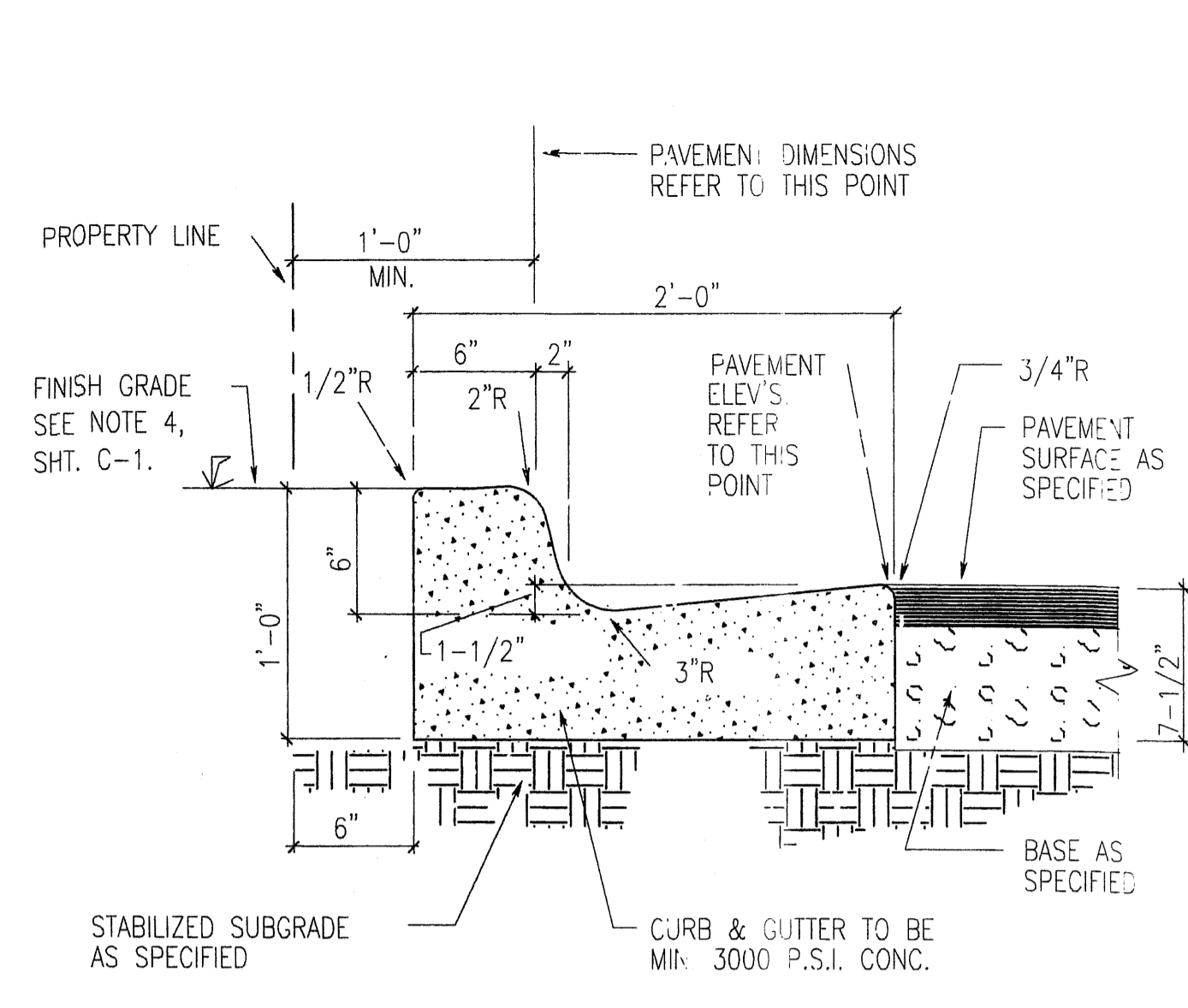
NOTE: RAMP AREA SHALL RECEIVE A DETECTABLE WARNING SURFACE OF SCORED JOINTS-ROOM FINISH AND COLOR TO CONTRAST W/ ADJOINING SURFACES PER ADA REQUIREMENTS-SEE A1C-2 SHT. RAMP SIDE SLOPE NOT TO EXCEED 1:12 (PER ADA REQS)

FOUR ENDS @ 45° ANGLES

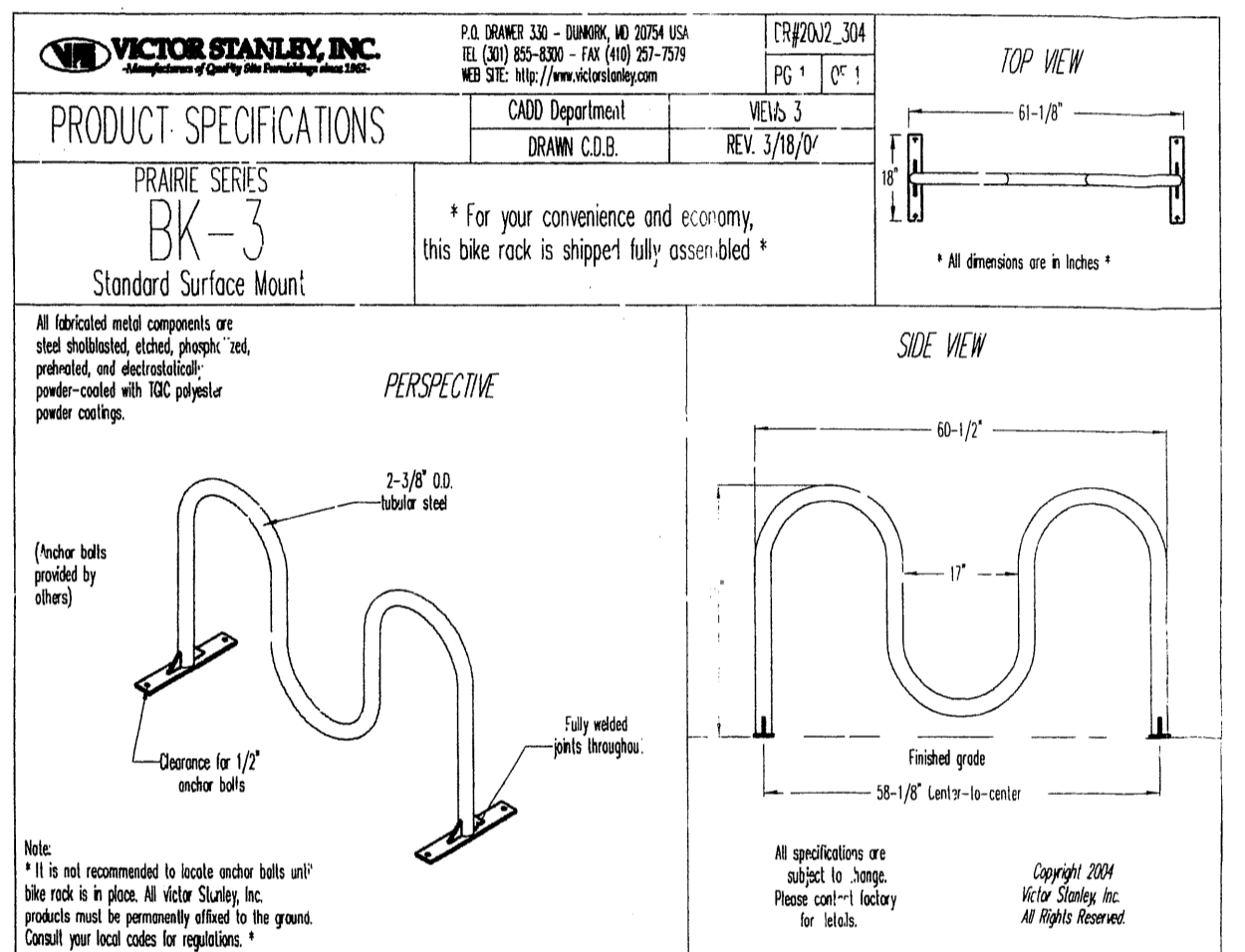


8" THICK REINFORCED CONCRETE SLAB W/ 6x6 (6 GAUGE) WW. CONT. W/ CONCRETE STRENGTH OF 4000 PSI MIN. ON PREPARED SUBGRADE

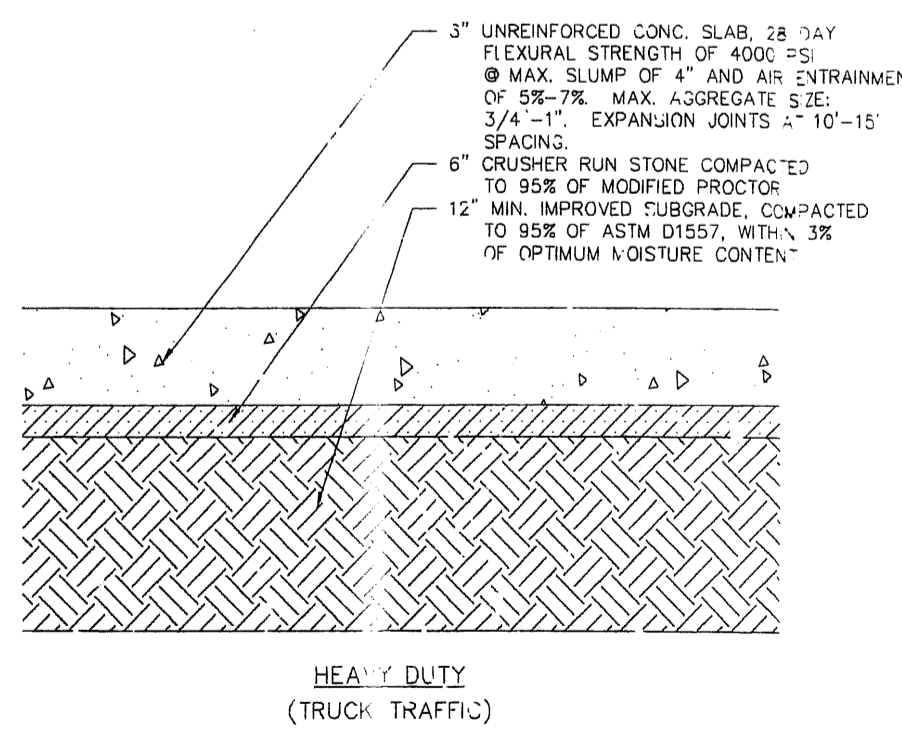
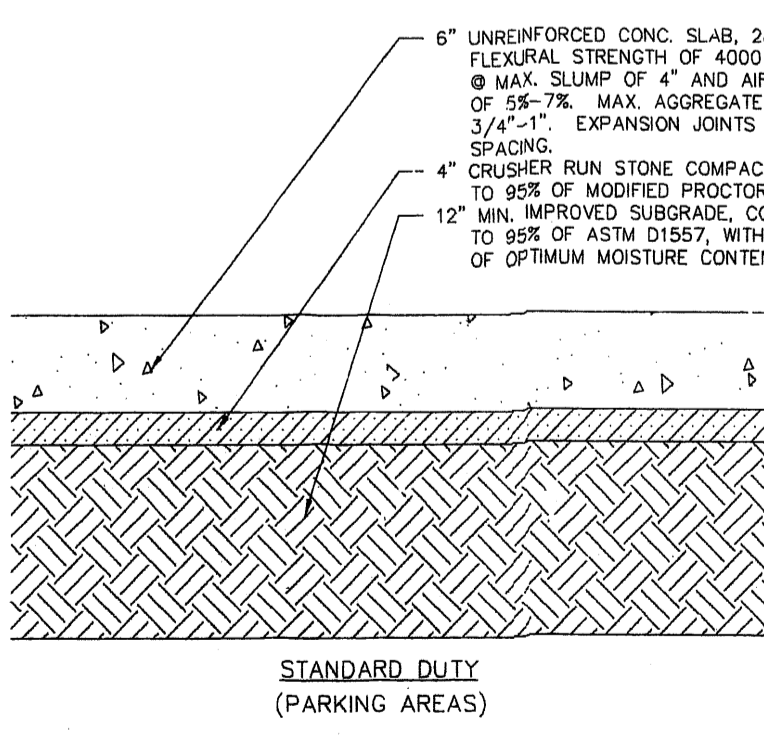
12 DUMPSTER PAD DETAIL
D1 NTS



4 CONC. CURB + GUTTER
D1 NTS



9 BIKE RACK DETAIL
D1 NTS



NOTE: PAVEMENT SECTION PROVIDED BY GEOTECHNICAL ENGINEERING. REPORT BY TERRACON DATED 10-13-2004. REPORT SHOULD BE REVIEWED FOR ADDITIONAL EARTHWORK RECOMMENDATIONS.

13 CONCRETE PAVING SECTIONS
D1 NTS

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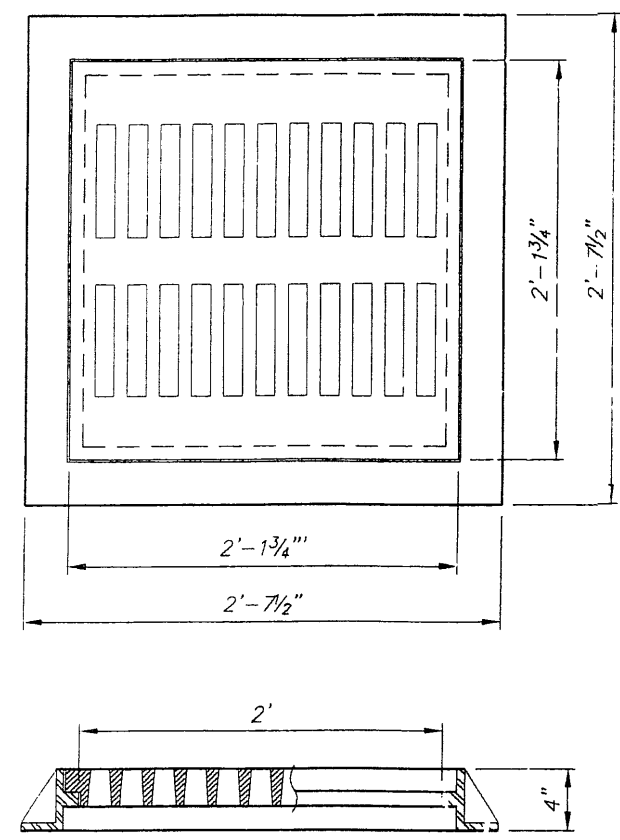
SHEET TITLE
DETAIL SHEET

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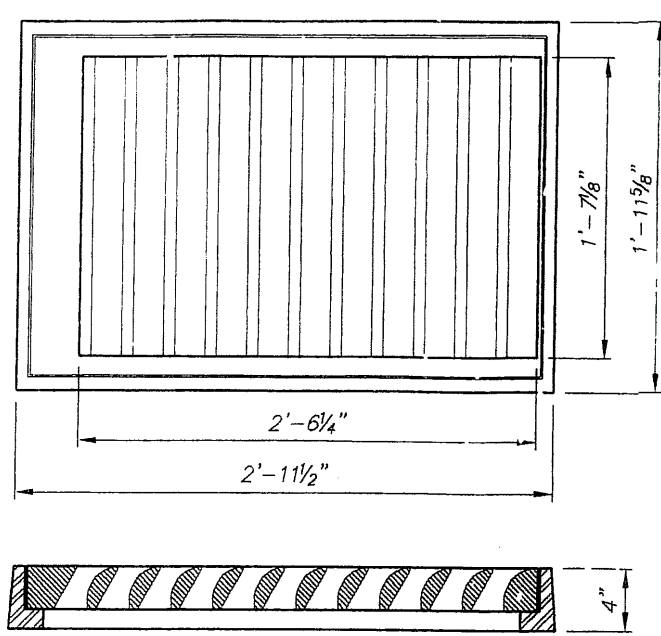
MICHAEL S. TWINER
NEW MEXICO
LICENSED PROFESSIONAL ENGINEER
8/2/5

D1
SHEET



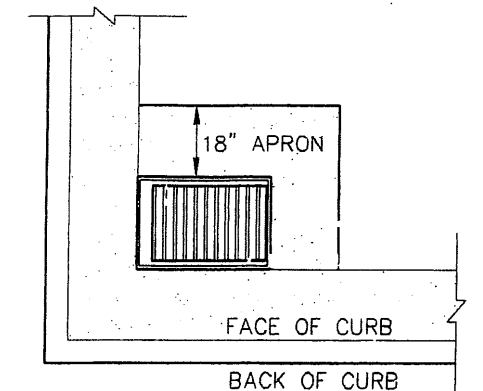
1 YARD INLET

D3 TO BE USED IN LAWN AREAS USE V-5624 GRATE FROM HIGGINS FOUNDRY & SUPPLY CO., INC. 404-436-7300 OR EQUAL.



2 DROP INLET

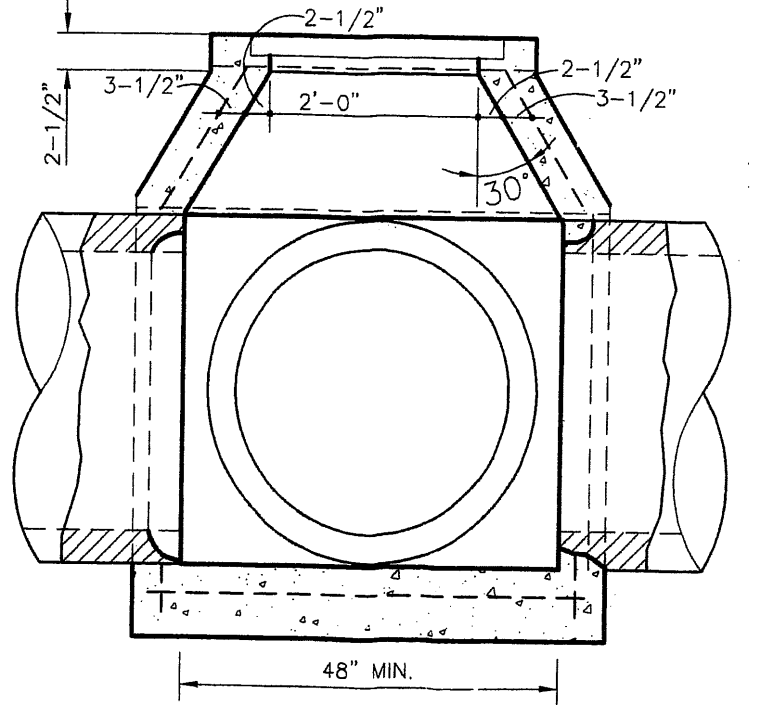
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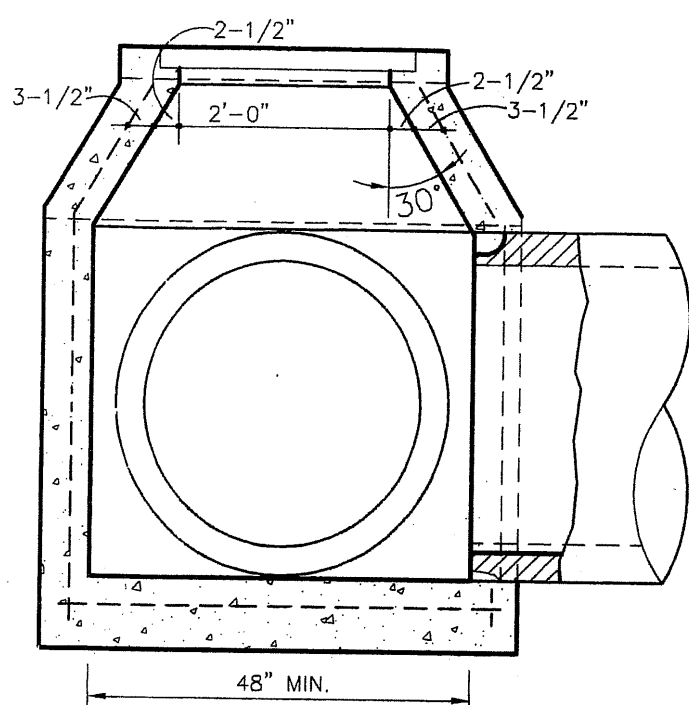
NOTE: PROVIDE 18" CONCRETE APRON WHEN DROP INLET IS LOCATED IN CORNER OF PAVING.

3 DROP INLET @ CORNER

D3 TO BE USED IN PAVED AREAS USE V-4280-2 GRATE FROM HIGGINS FOUNDRY & SUPPLY CO., INC. 404-436-7300 OR EQUAL.

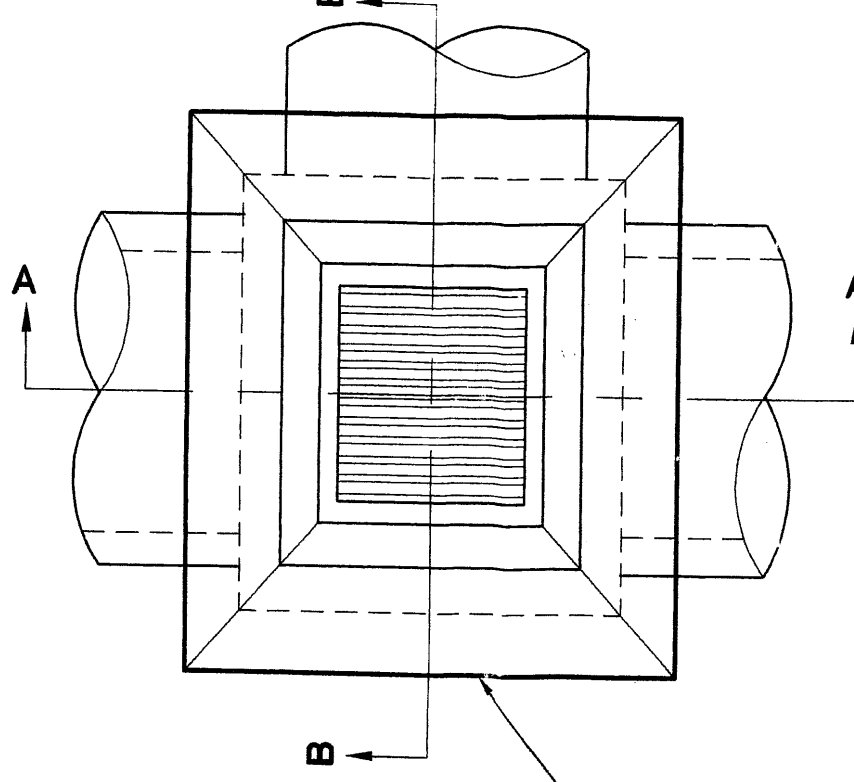


SECTION A-A



SECTION B-B

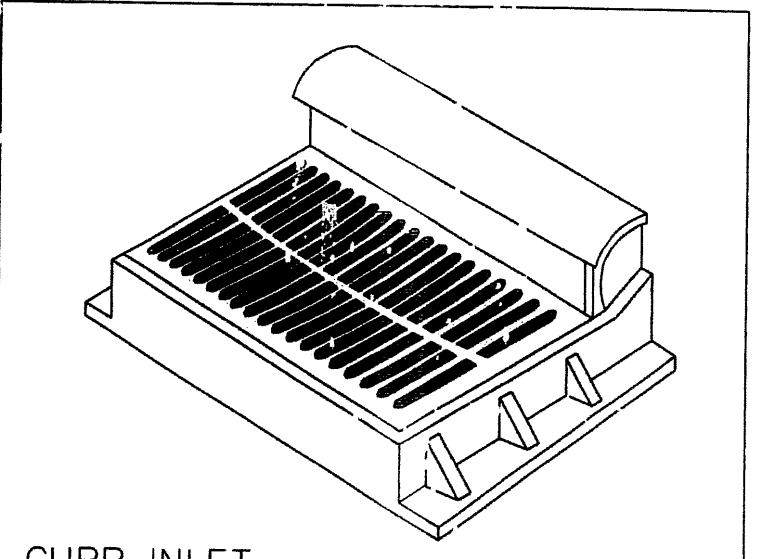
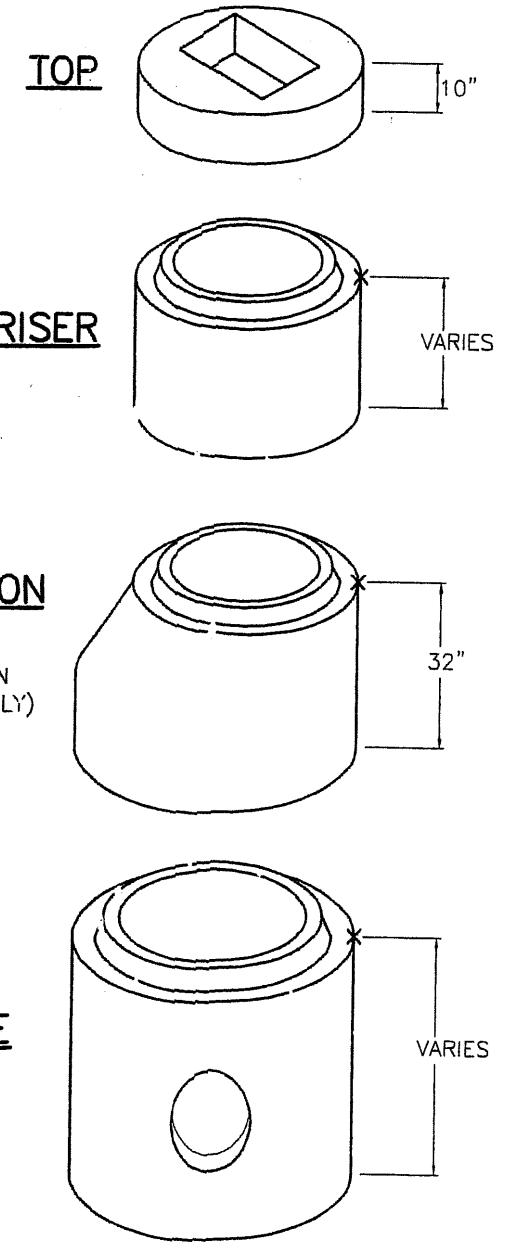
TYPE A



JUNCTION BOX & DROP INLET NOTES:
 1. SUBGRADE TO BE COMPACTED TO 95% MAX. DRY DENSITY PER STANDARD PROCTOR.
 2. REINFORCEMENT STEEL SHALL BE PLACED TO ALLOW A MIN. OF 1 1/2" COVER, EXCEPT WHERE NOTED.
 3. ALL CONCRETE SHALL BE CLASS A.

4 JUNCTION BOX

D3 JUNCTION BOXES IN PAVED AREAS SHALL HAVE HEAVY DUTY RING & COVER ABLE TO WITHSTAND TRAFFIC LOADS



CURB INLET HOODED CURB AND GRATE FOR GRATE INLETS

Weight	528 lbs.
Outside Dimensions	23.75" x 37"
Grate Dimensions	17.75" x 35.75"

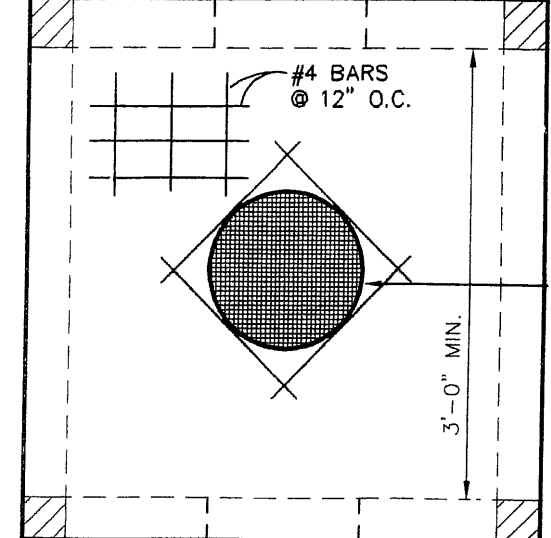
SCHEDULE OF COVERING DIMENSIONS FOR PIPE OVER 7'-0" DEPTH AND ROUND STRUCTURES.

MAX. PIPE O.D. FOR 90° DEFLECTION	MAX. PIPE O.D. FOR 0° DEFLECTION	MANHOLE Ø
28"	34"	4'-0"
37"	46"	5'-0"
45"	58"	6'-0"
54"	70"	"-0"
62"	82"	8'-0"
79"	88"	10'-0"

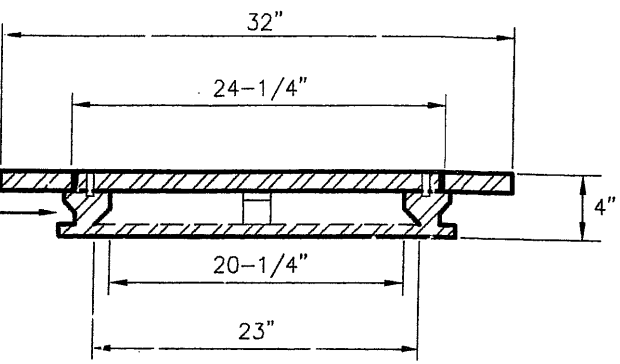
5 CURB INLET

D3 (PRECAST CONCRETE CATCH BASIN SYSTEM W/HOODED GRATE)

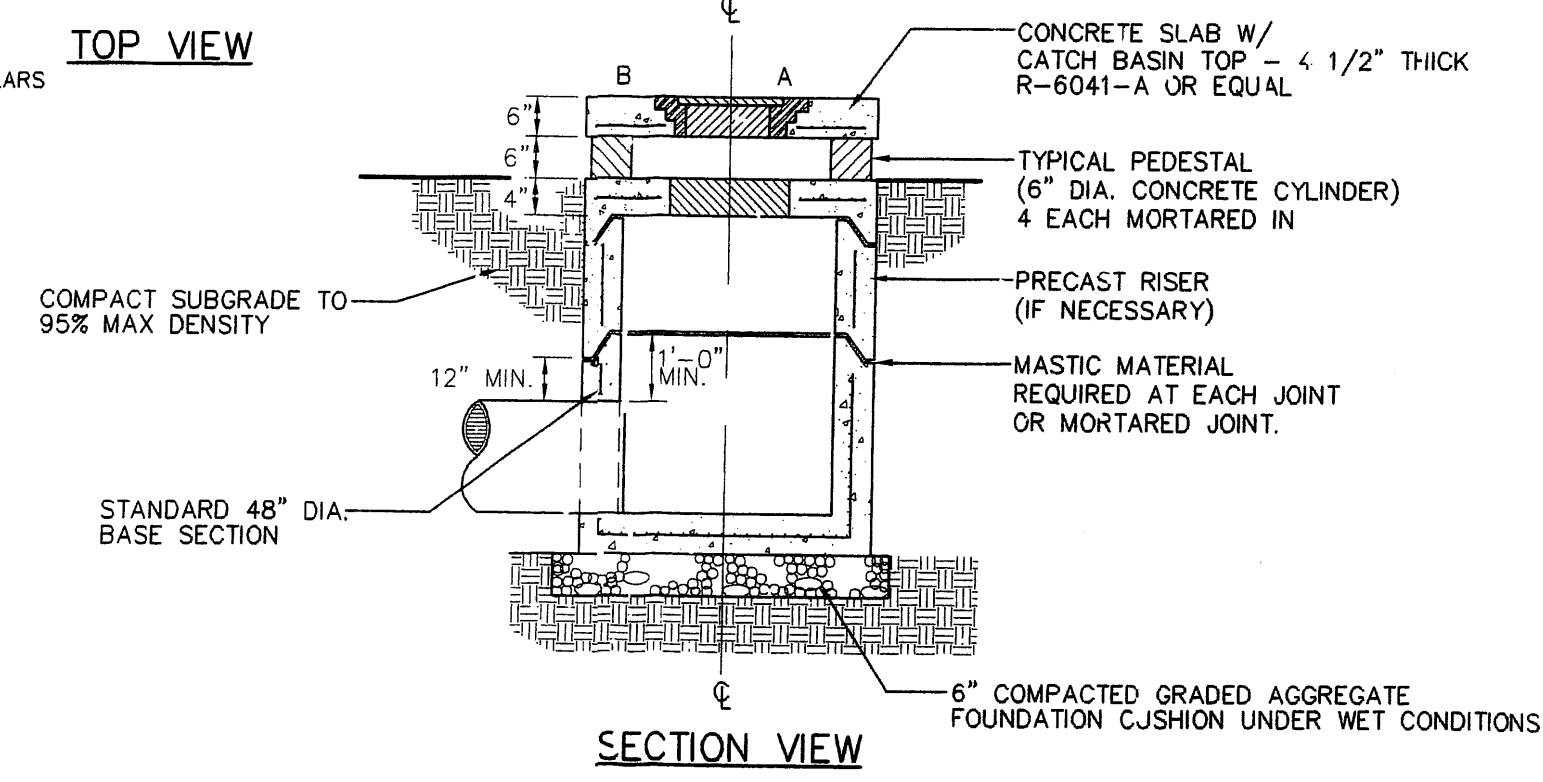
NOTE: OPENINGS OPTIONAL ON 1 TO 4 SIDES



TOP VIEW



STANDARD CATCH BASIN CASTING (SEE SHEET D-4)



SECTION VIEW

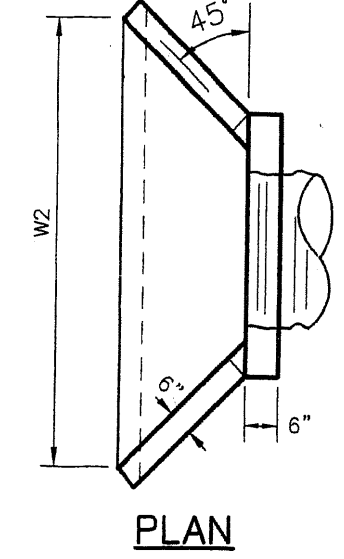
6 WEIR INLET DETAIL

D3 N.T.S.

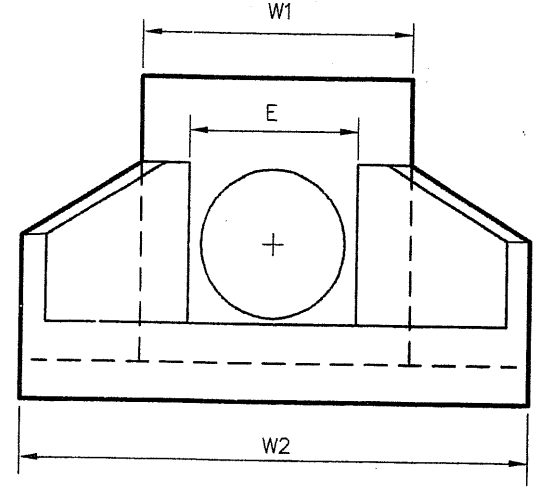
SLOPE & FILTER MATERIAL - RIP RAP

VELOCITY	STONE SIZE	FILTER MATERIAL
< 6 FT./SEC.	10-50 lbs.	1.5"
6 to 8 FT./SEC.	20-100 lbs.	3"
8 to 10 FT./SEC.	25-250 lbs.	4.5"

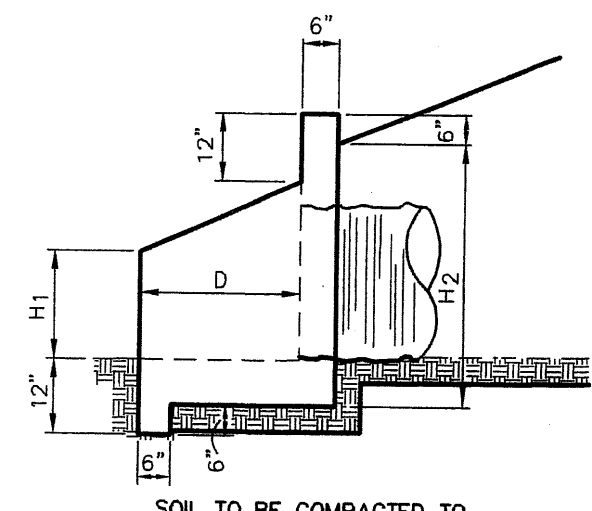
STONE OF DURABLE MATERIAL WEIGHING 150 lbs./FT³



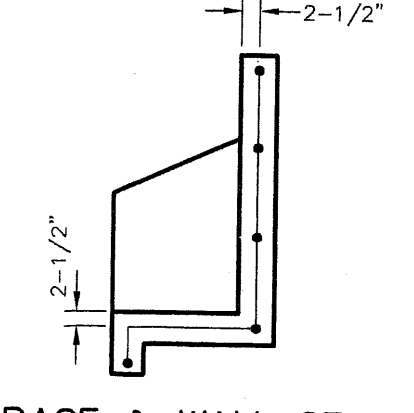
PLAN



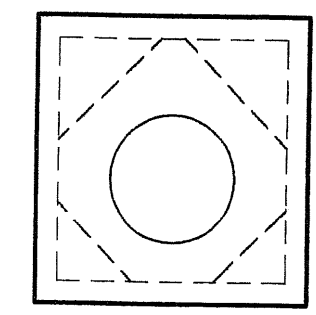
FRONT ELEVATION



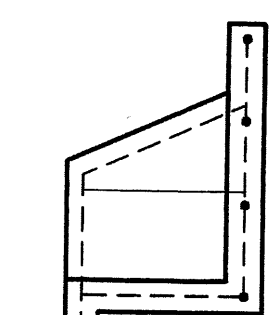
WING SECTION



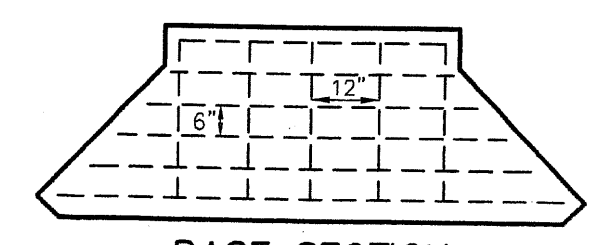
BASE & WALL SECTION



WALL SECTION



SECTION A-A



BASE SECTION

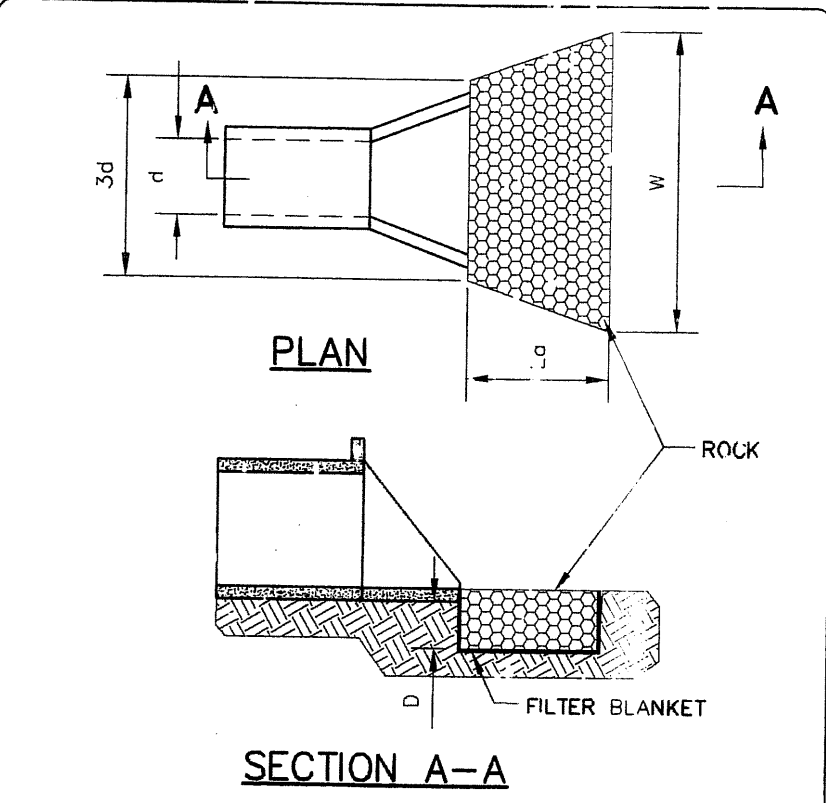
TABLE 1 HEADWALL DIMENSIONS FOR METAL PIPE *

INSIDE DIA. OF PIPE	W ₁	W ₂	H ₁	H ₂	D	E	WT.	SQ. FT. IN BASE AREA
18"	3'-2"	4'-3"	1'-3"	3'-2"	1'-3"	11'-9"	1,550	7.34
24"	4'-2"	5'-3"	1'-9"	3'-8"	1'-9"	12'-3"	2,100	9.90
30"	4'-2"	6'-5"	2'-0"	4'-2"	1'-9"	12'-9"	2,850	13.50
36"	4'-8"	7'-7"	2'-4"	4'-8"	2'-13"	13'-3"	3,700	17.65
42"-48"	5'-8"	10'-11"	3'-3"	8'-2"	1'-11"	14'-3"	5,600	28.60
54"	6'-8"	11'-11"	3'-8"	9'-8"	1'-5"	15'-3"	7,500	35.60

* USE NEXT LARGER SIZE FOR CONCRETE PIPE.

7 PRECAST CONCRETE HEADWALL SYSTEM

D3 N.T.S.



SECTION A-A

USE MINIMUM 1 FOOT DIAMETER ROCK

PIPE SIZE	d	3d	L _a	W	D
15"	15"	3.75'	10'	12'	12"
18"	18"	4.5'	13'	15'	12"
24"	24"	6.0'	15'	17'	12"
30"	30"	6.0'	20'	23'	12"
36"	36"	6.0'	2-	30'	12"

8 RIP RAP DETAIL

D3 N.T.S.

REVISIONS:

NO.	DATE	BY	DESCRIPTION
-1	04/13/05	CO	C.D.A. COMMENTS
-2	06/28/05	CO	EPC PRELIM. MEETING COMMENTS
-3	08/1/05	TM	EPC FINAL MEETING COMMENTS

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SHEET TITLE

STORM STRUCTURE DETAILS

SCALE: AS SHOWN
 DATE: OCT. 13, 2004
 PROJECT: 04177.00

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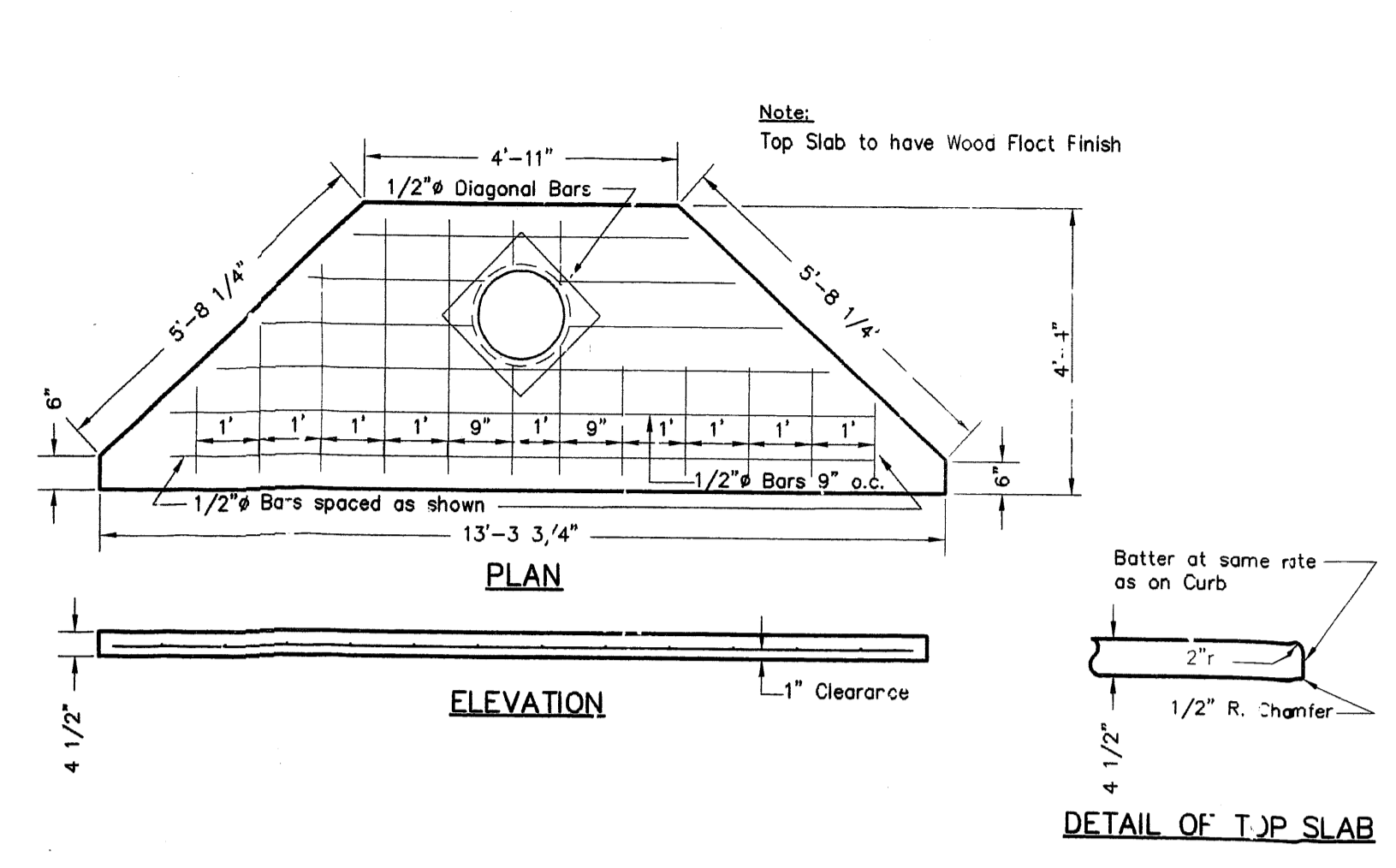
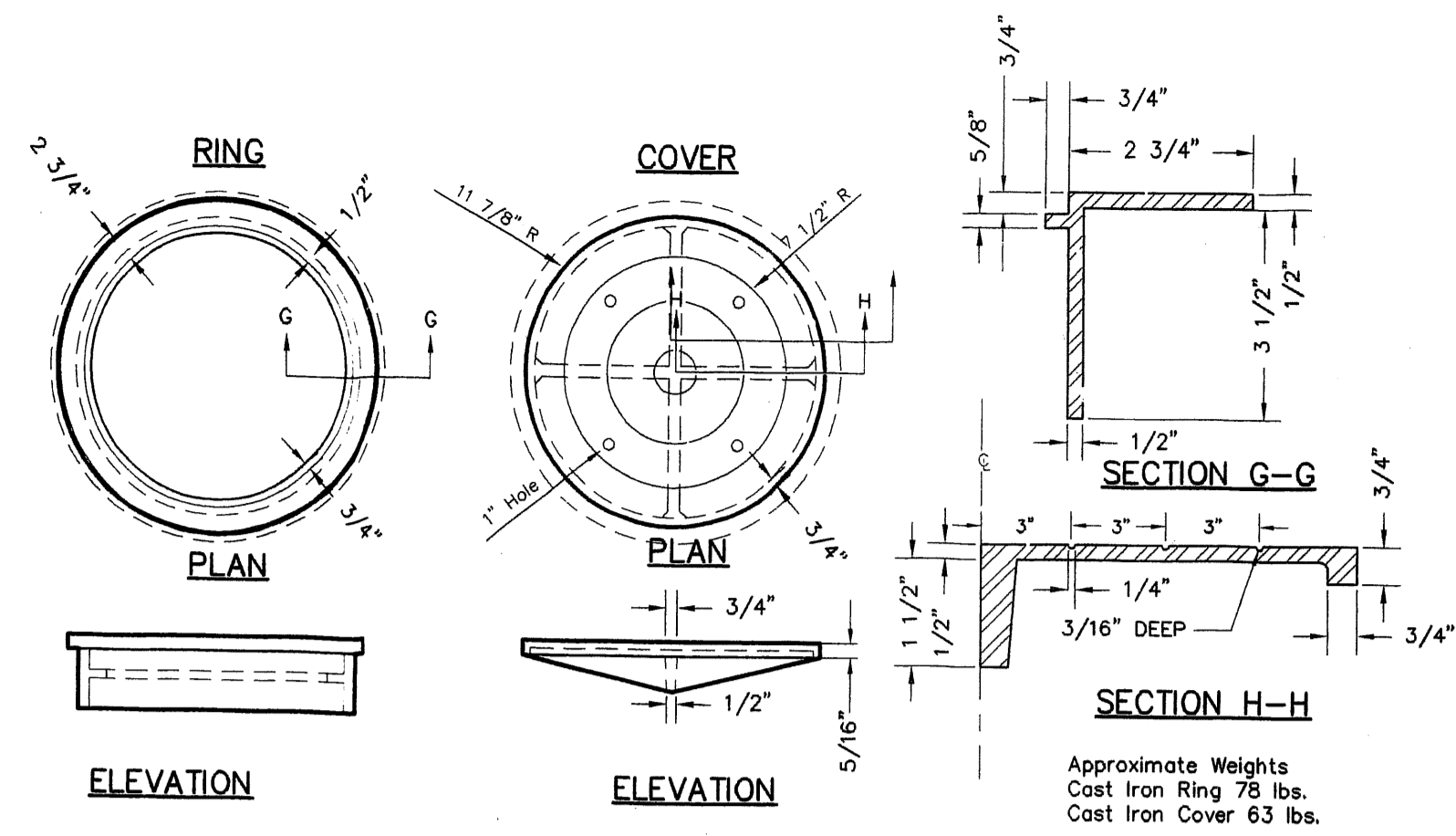
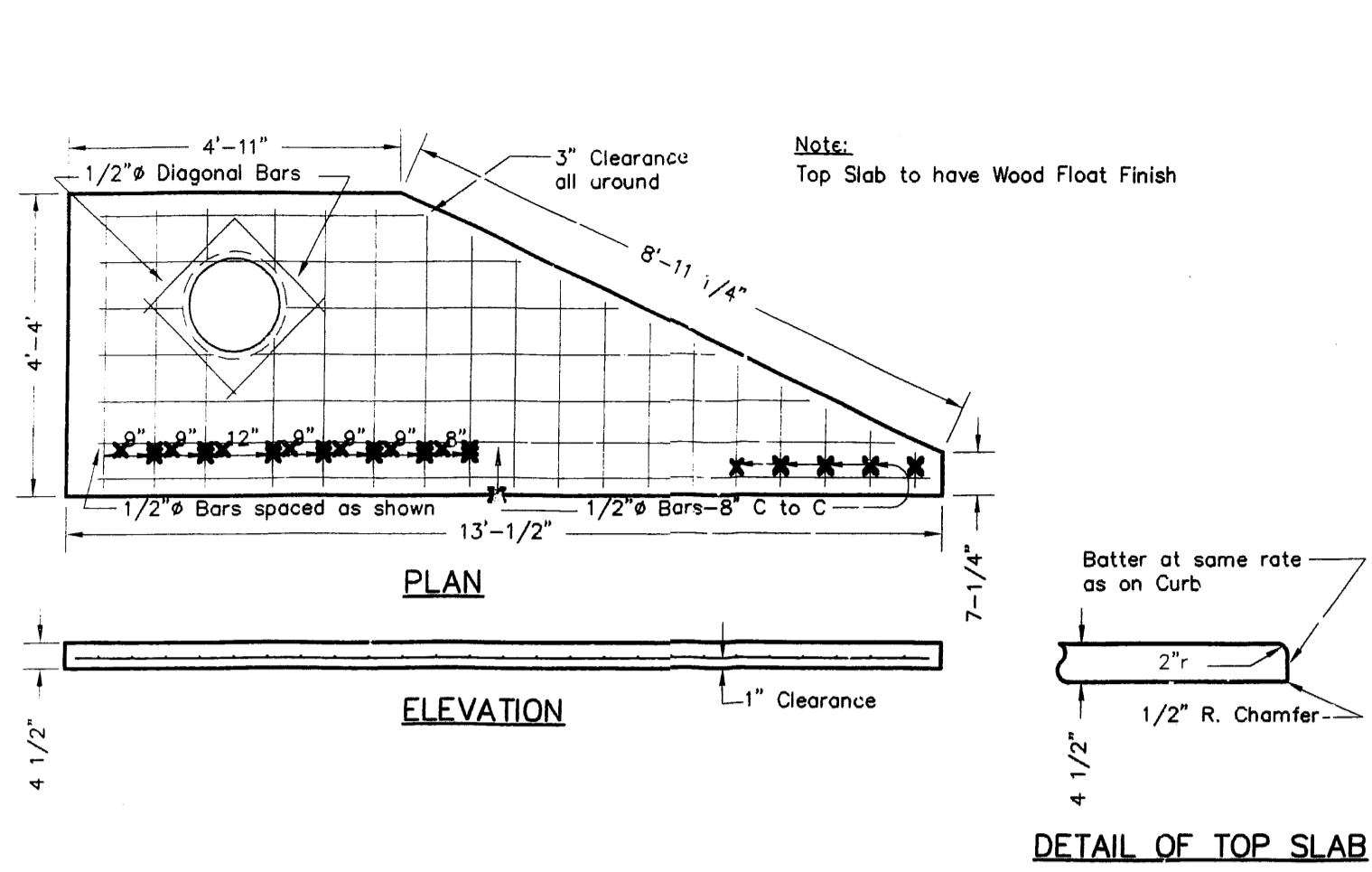
D2

SHEET

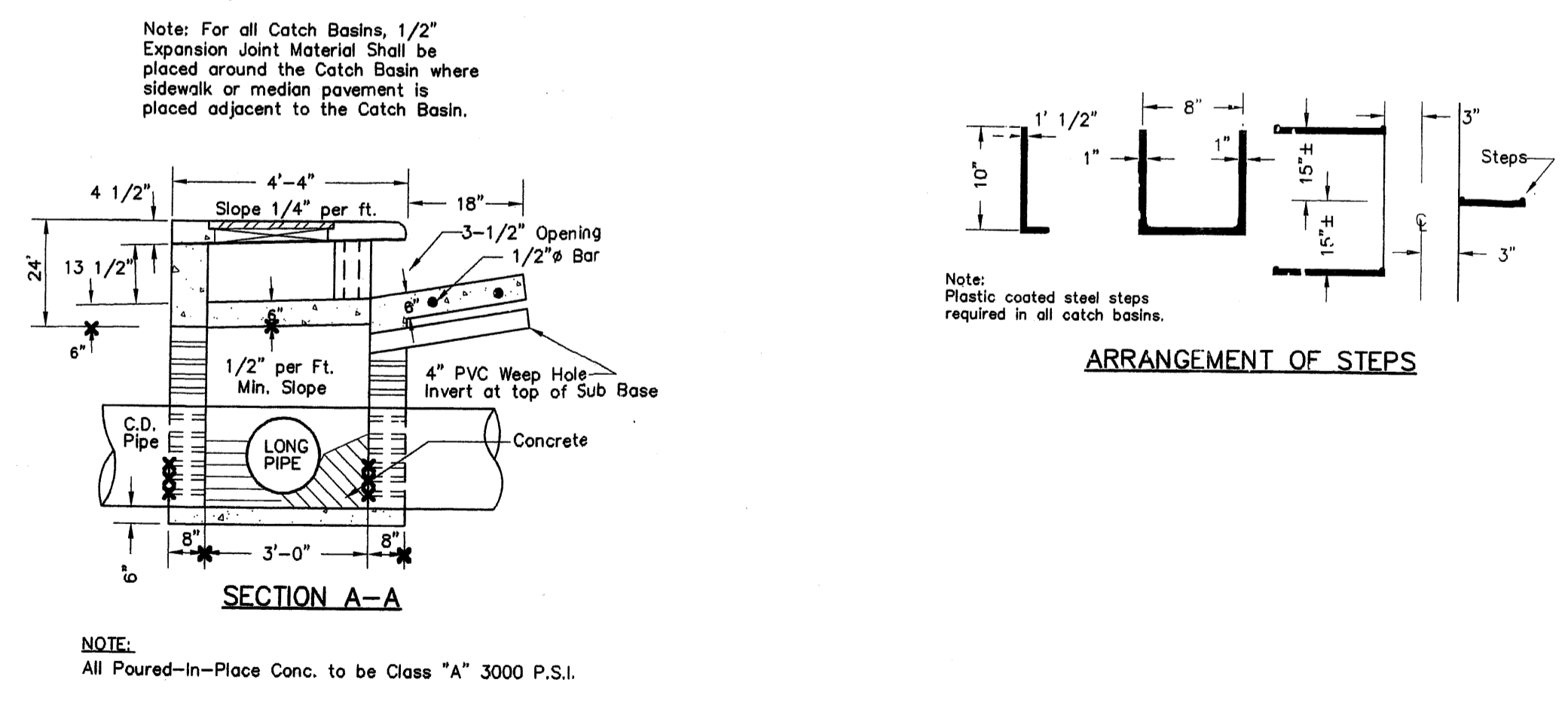
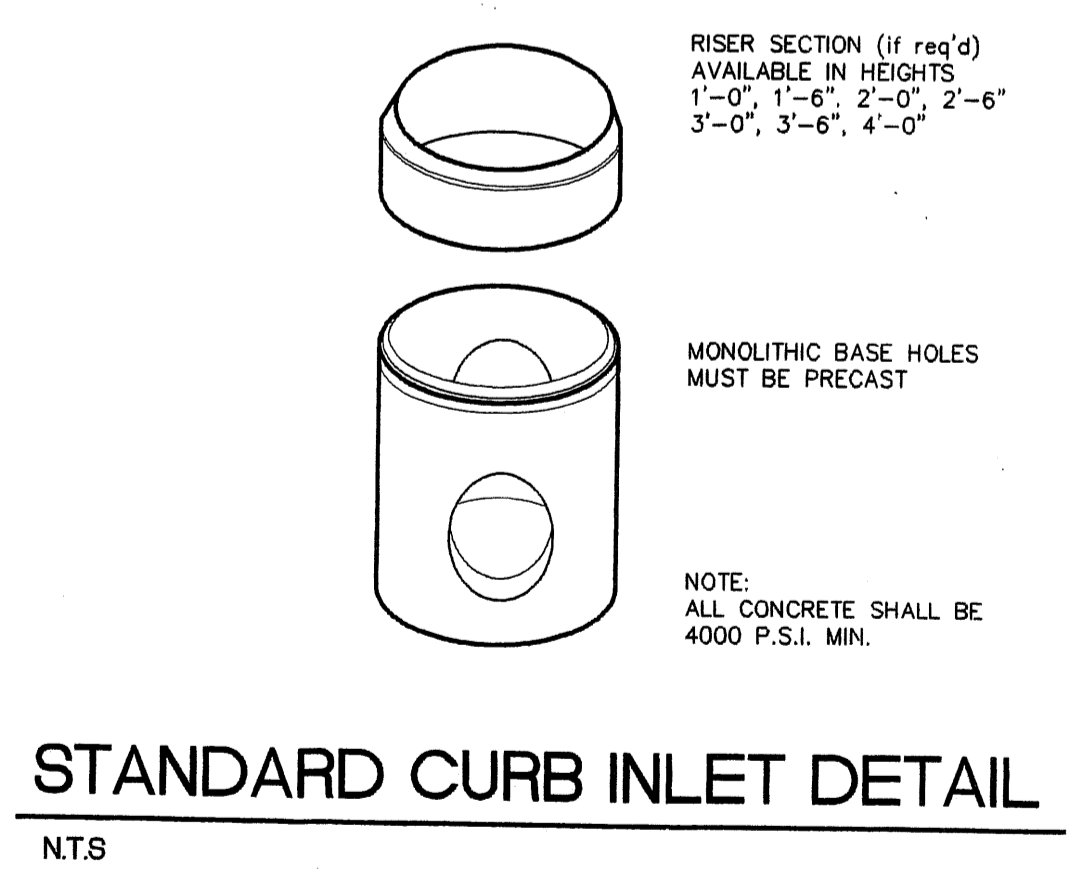
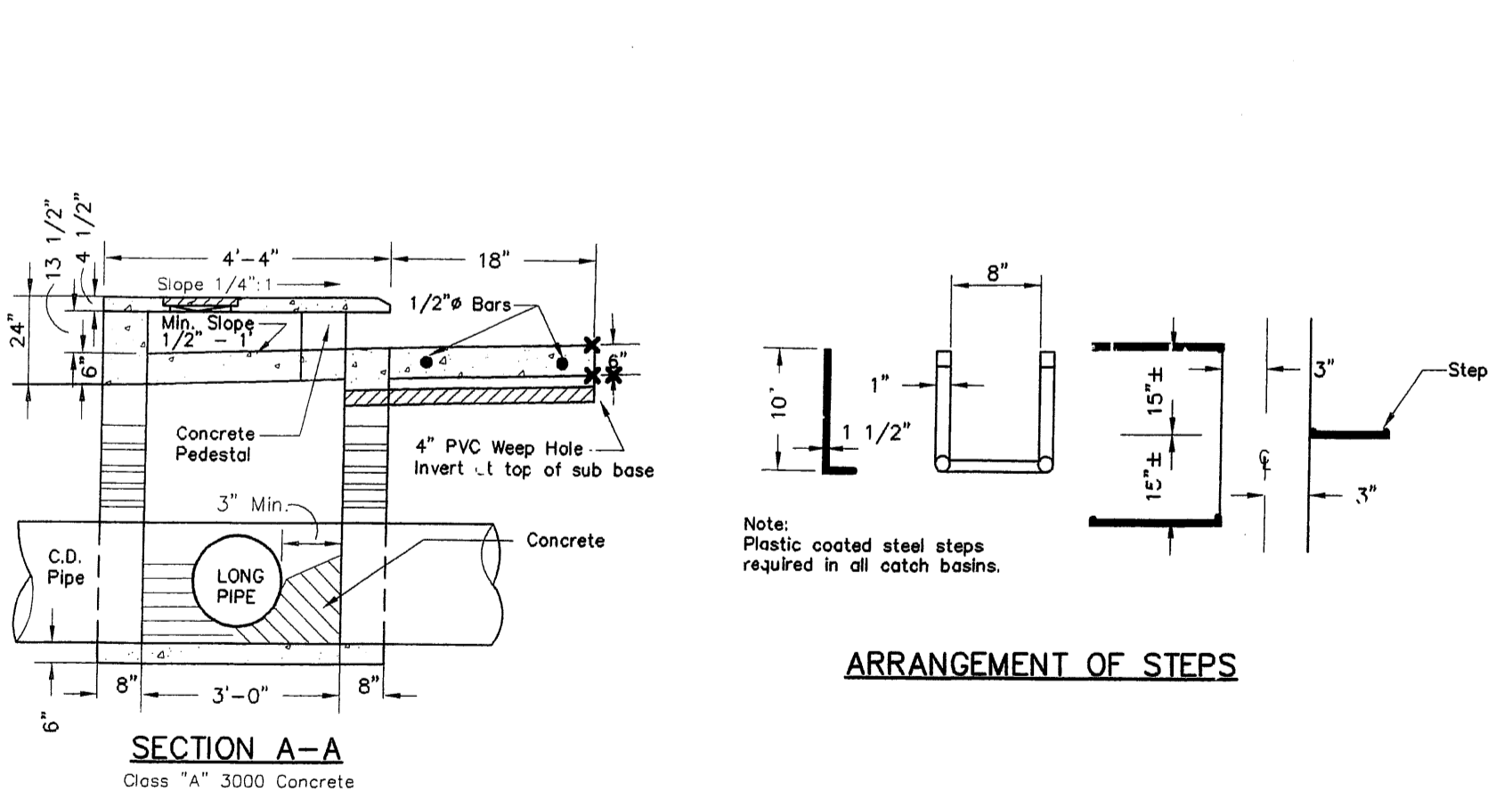
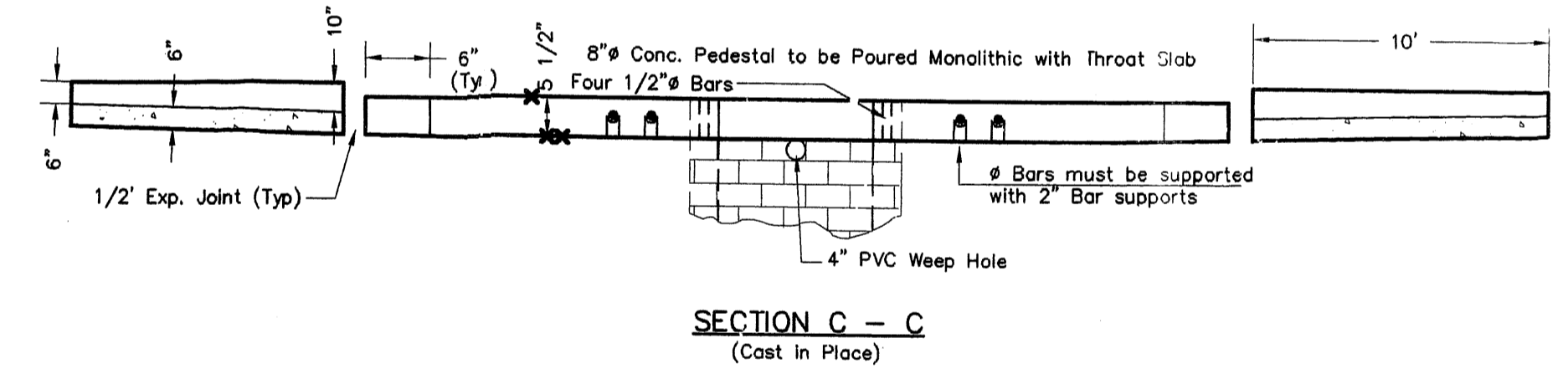
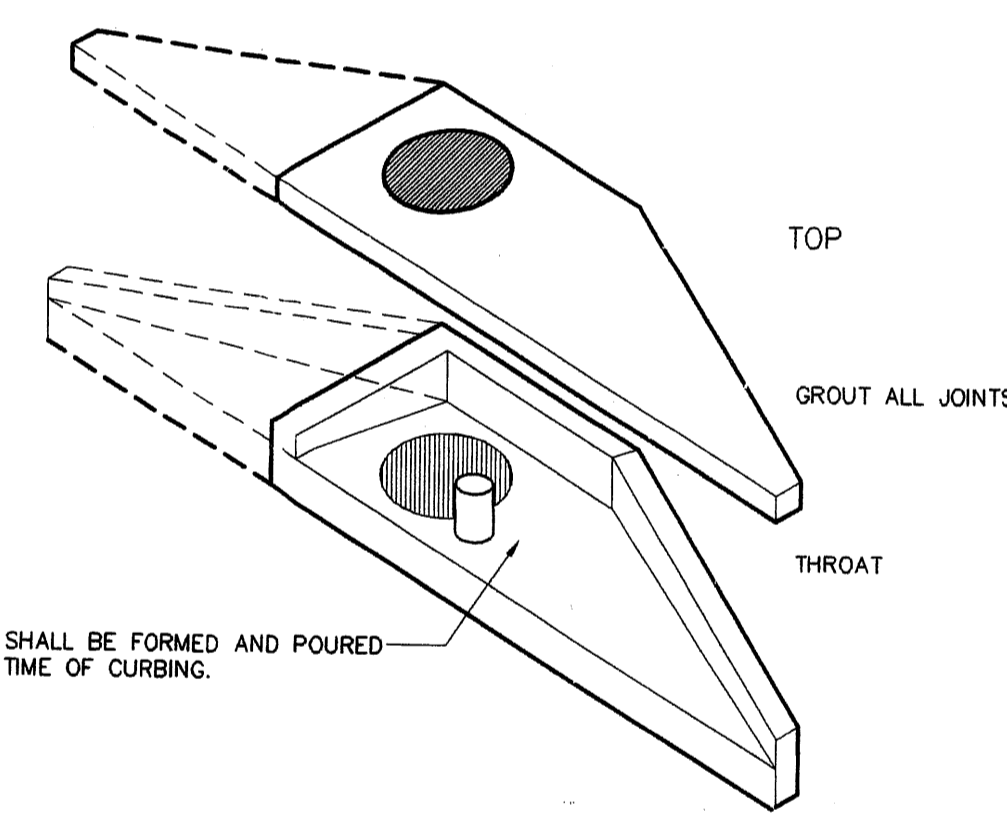
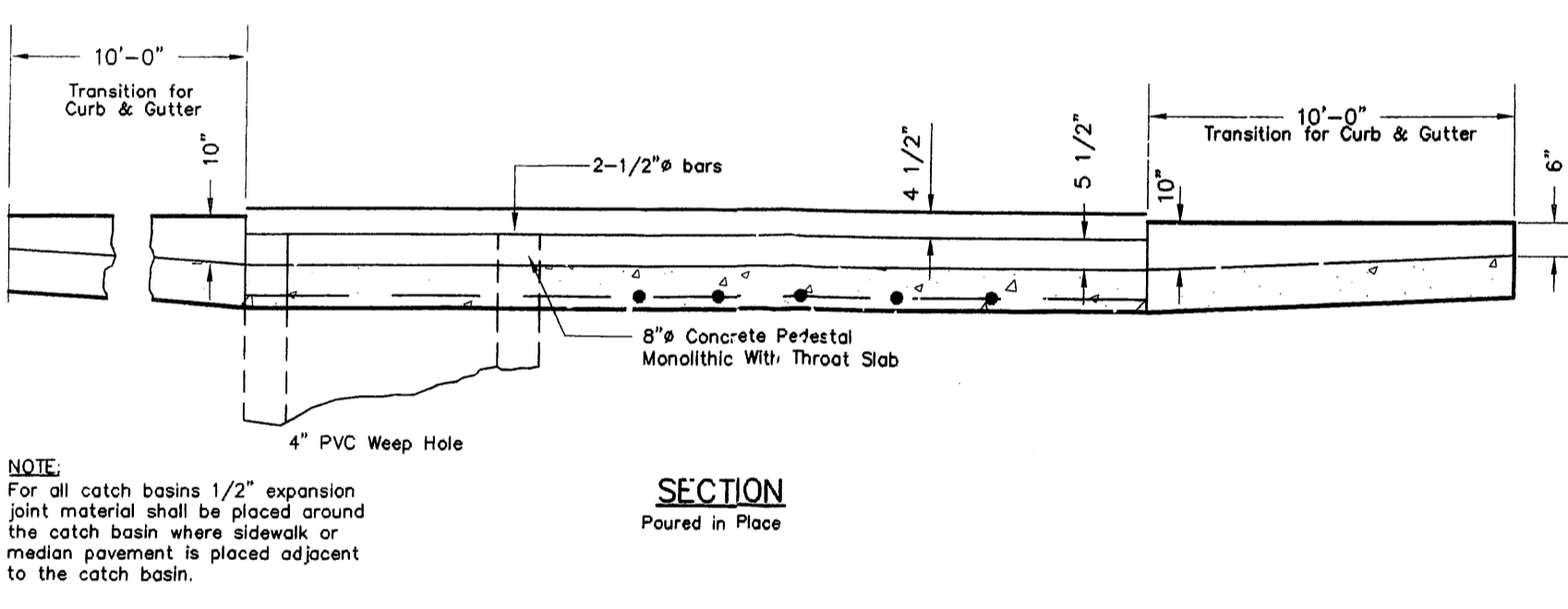
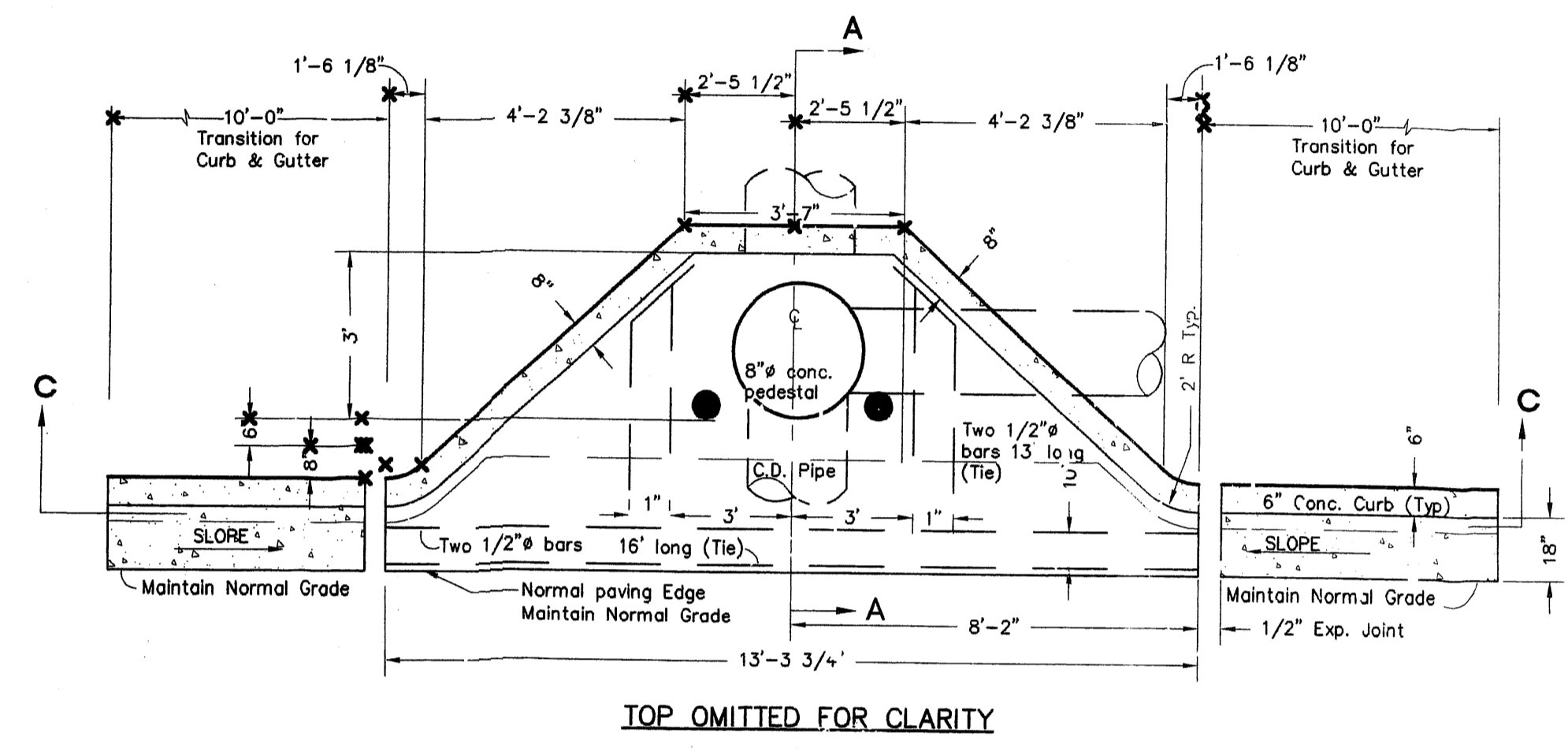
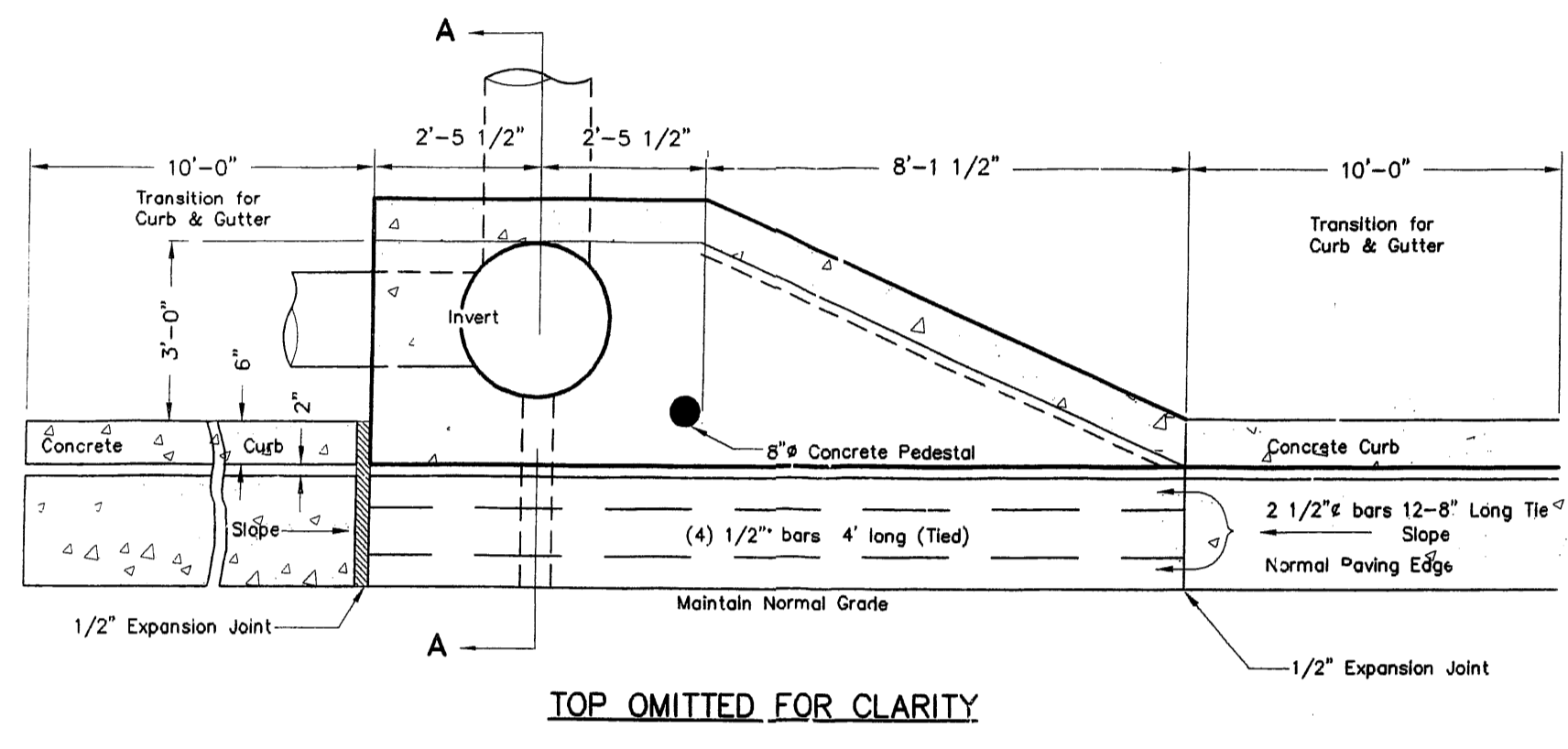
NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO
 5201 QUAIL ROAD, N.W.
 FOR
 GENUINE PARTS COMPANY
 2999 CIRCLE 75 PARKWAY
 ATLANTA, GA 30339
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LOT B-1-B
 MCBARK SUBDIVISION



CATCHBASIN TOPS
NTS



1 STD. SINGLEWING CATCHBASIN
D4 NTS

2 STD. DOUBLEWING CATCHBASIN
D4 NTS

REVISIONS:

NO.	DATE	BY	DESCRIPTION
-1	04/13/05	CO	C.O.A. COMMENTS
-2	06/28/05	CO	EPC PRELIM. MEETING COMMENTS
-3	08/1/05	TM	EPC FINAL MEETING COMMENTS

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SHEET TITLE
STORM STRUCTURE DETAILS

SCALE: AS SHOWN
DATE: OCT. 13, 2004
PROJECT: 04177.00

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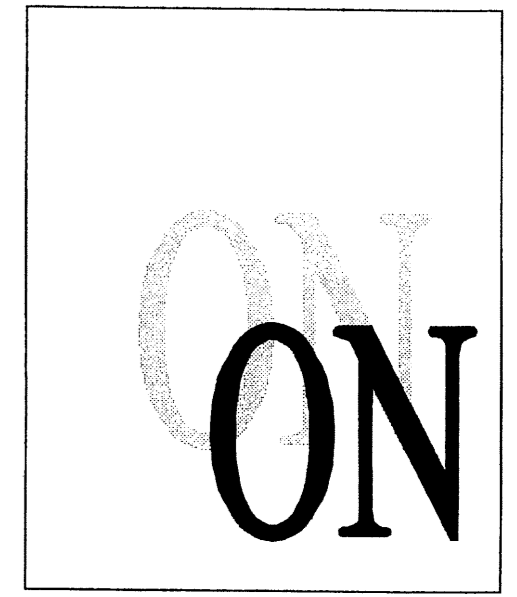
MICHAEL S. THAYER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
8/15

D3
SHEET

NAPA AUTO PARTS - ALBUQUERQUE, NEW MEXICO
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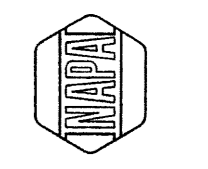
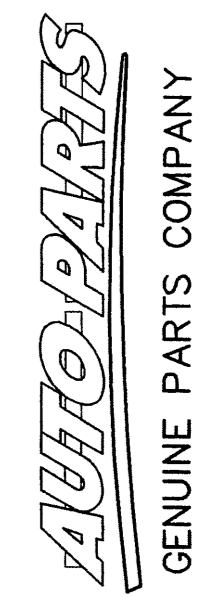


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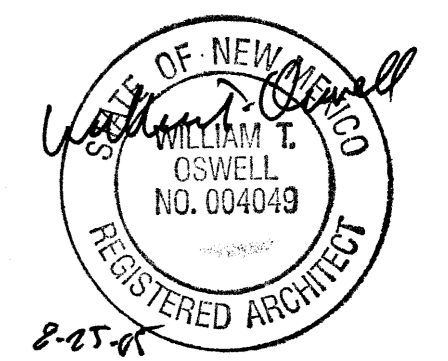
1234 POWERS FERRY COMMONS
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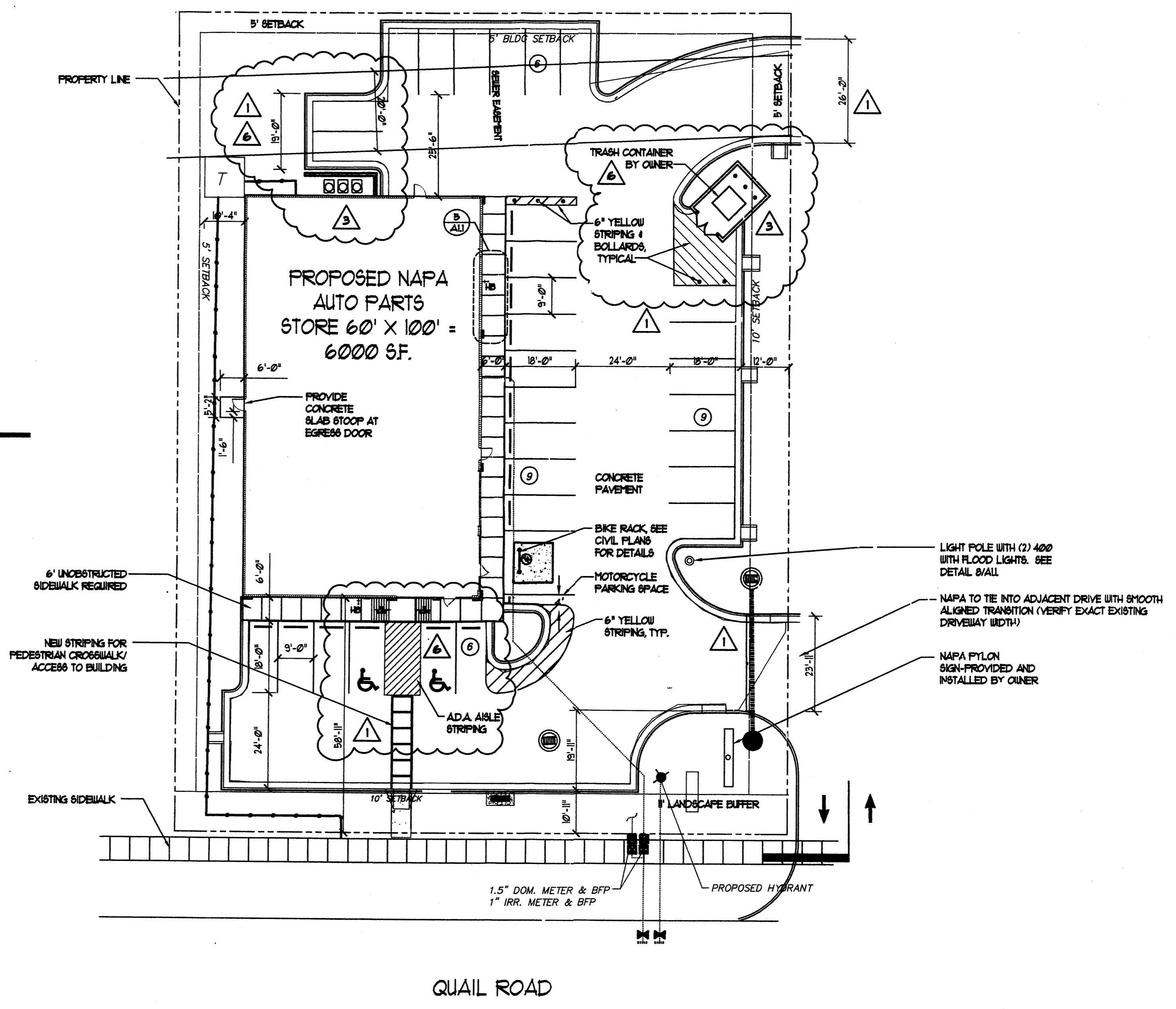


ORIGINAL ISSUE DATE: 11/05/04
REVISIONS
1 3/10/05: CITY COMMENTS
2 4/13/05: 3RD CITY SUBMITTAL
3
4
5 8/15/05: DRB COMMENTS
6 8/26/05: DRB COMMENTS

SITE PLAN AND DETAILS

Project Number 20040067

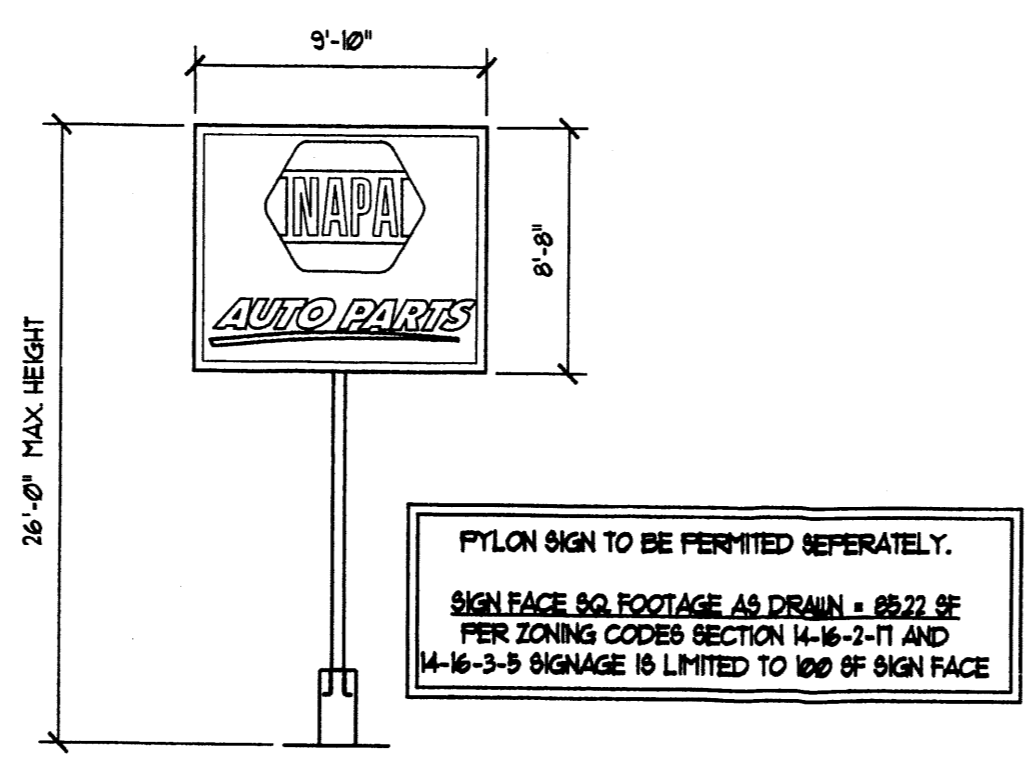
A1.1



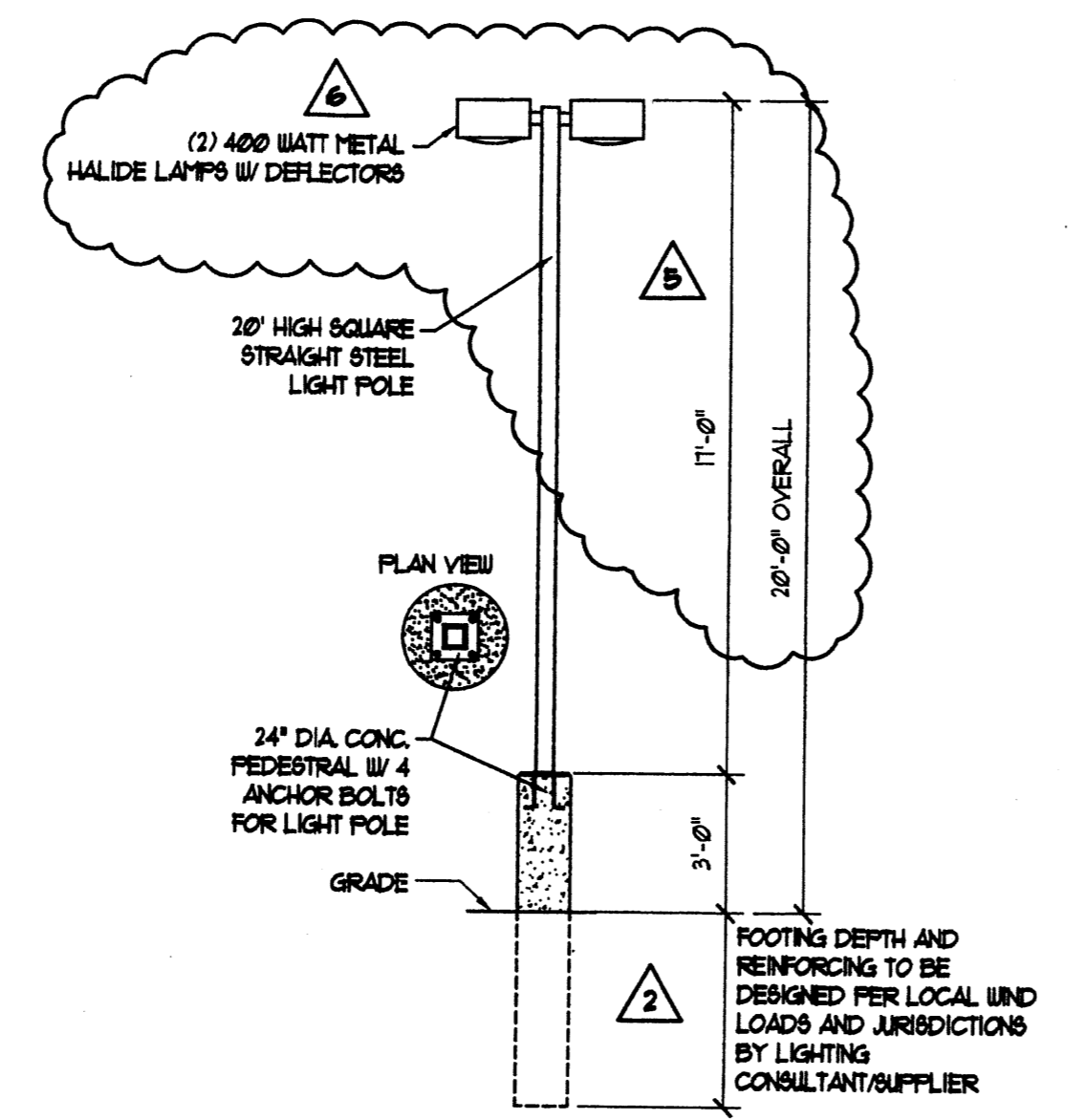
1 CONCEPTUAL SITE PLAN
NOT TO SCALE

- NOTES:
1. SEE CIVIL ENGINEER'S DRAWINGS FOR NEAREST FIRE HYDRANT LOCATION. G.C. TO CALL FOR AN INSPECTION BY THE SUMP PLAN CHECKER PRIOR TO POURING THE CONCRETE SLAB OR APRON.
 2. G.C. TO PROVIDE AND INSTALL PREMISE ID NUMBER/STREET ADDRESS ON THE BUILDING FACING QUAIL ROAD, MIN. IN 6" HIGH LETTERS MINIMUM. (VERIFY HEIGHT OF LETTERS PER BUILDING SETBACK)
 3. T.L.C. OR DRB SITE PLAN TO BE PROVIDED BY CIVIL ENGINEER'S SEPARATE SUBMITTAL. VERIFY ALL EASEMENTS AND SETBACKS WITH CIVIL DRAWINGS.

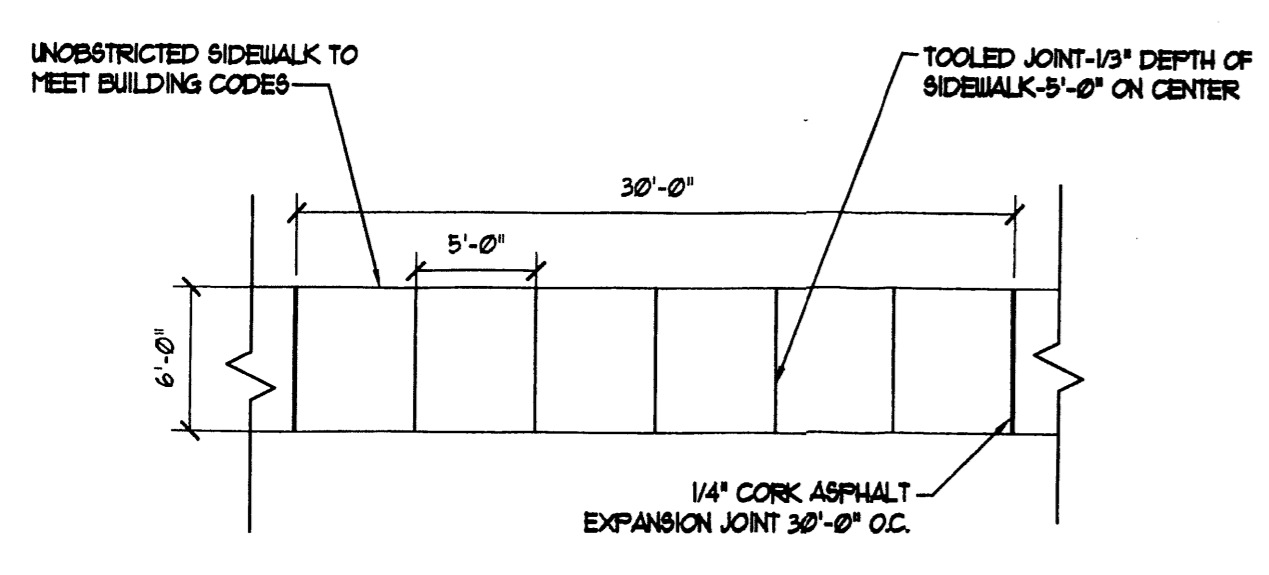
PLAN FOR REFERENCE ONLY
FOR ACTUAL SITE PLAN LAYOUT,
UTILITY SERVICE PLAN,
LANDSCAPING, DRAINAGE AND
SITE DETAILS, REFER TO CIVIL
ENGINEER'S DRAWINGS



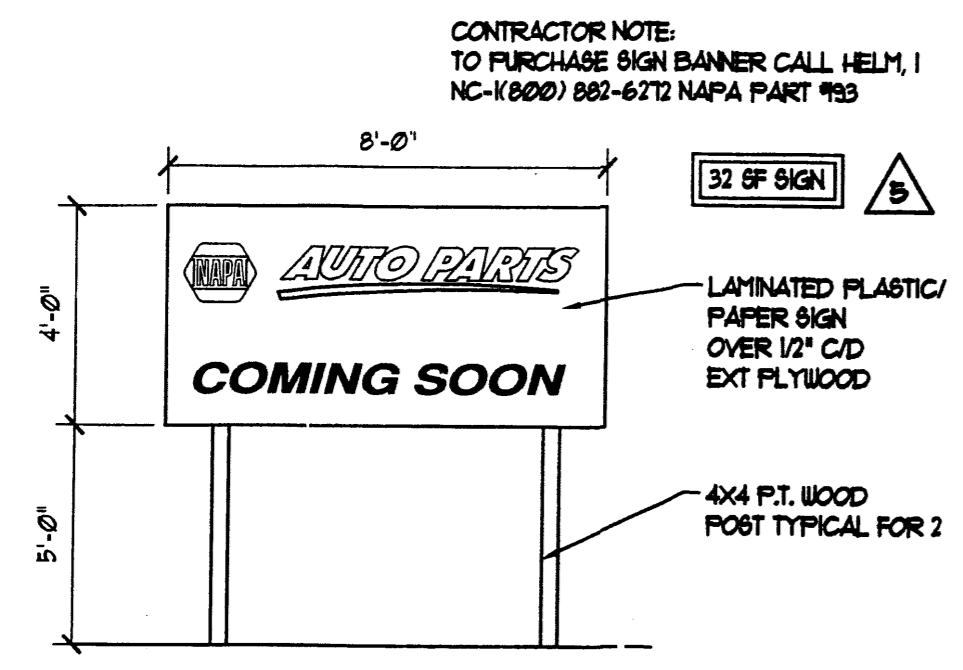
4 DETAIL AT LIGHT POLE
NOTE TO SCALE



8 DETAIL AT LIGHT POLE
NOTE TO SCALE

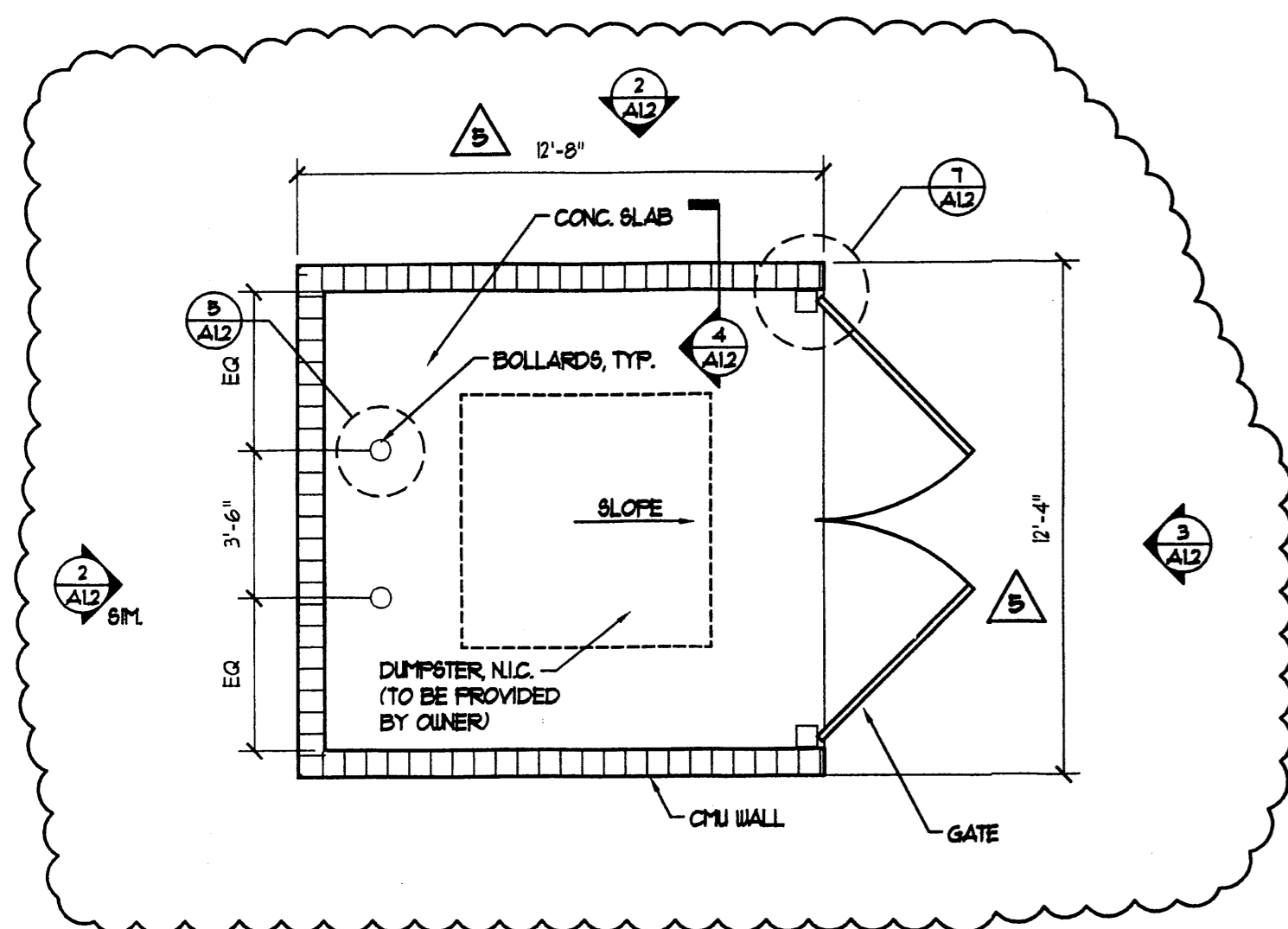


5 DETAIL AT SIDEWALK
NOT TO SCALE

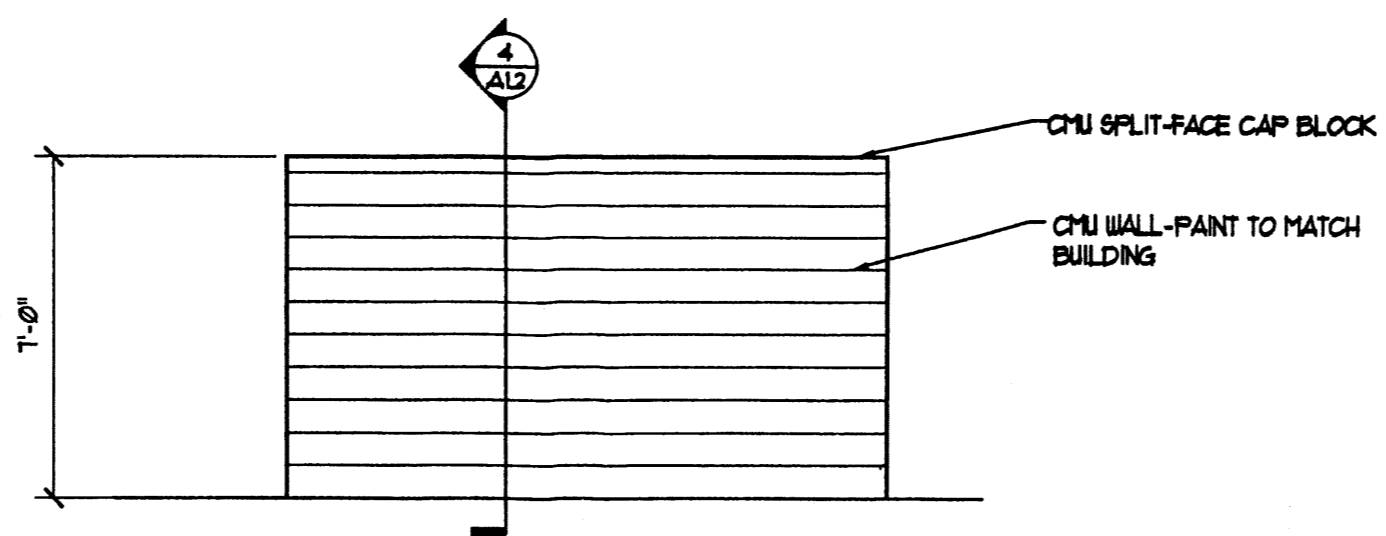


6 TEMPORARY: ELEVATION-PROJECT SIGN
NOT TO SCALE

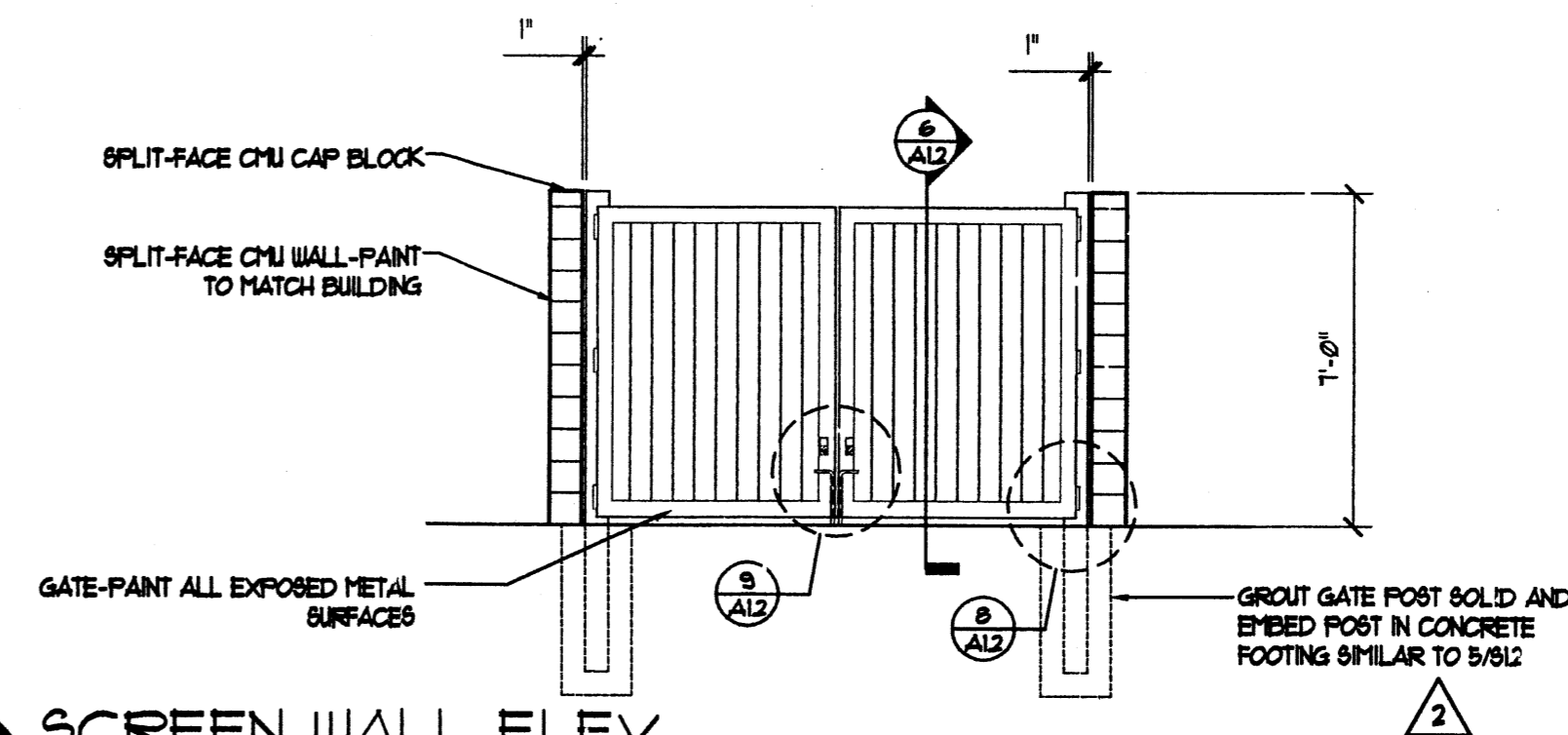
CONTRACTOR NOTE:
TO PURCHASE SIGN BANNER CALL HELM, I
NC-1(800) 881-6772 NAPA PART #93



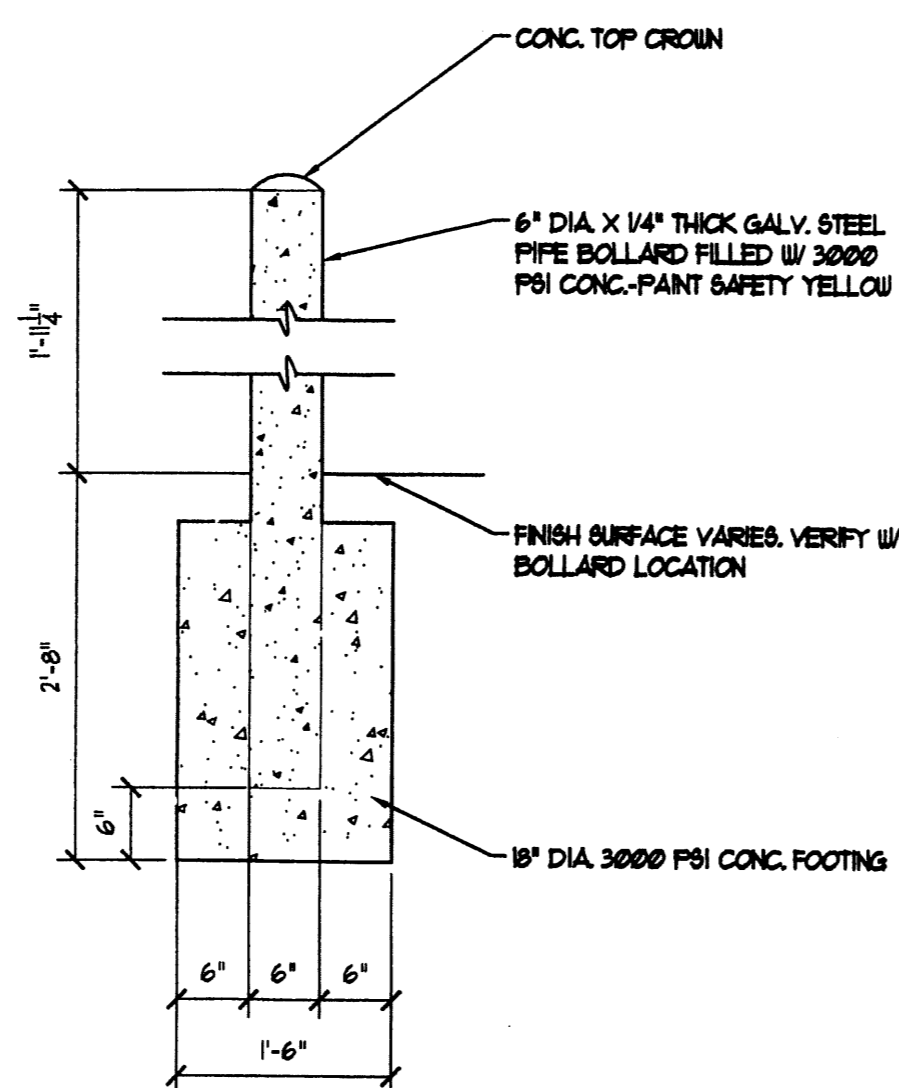
1 SCREEN WALL PLAN
SCALE 1/4" = 1'-0"



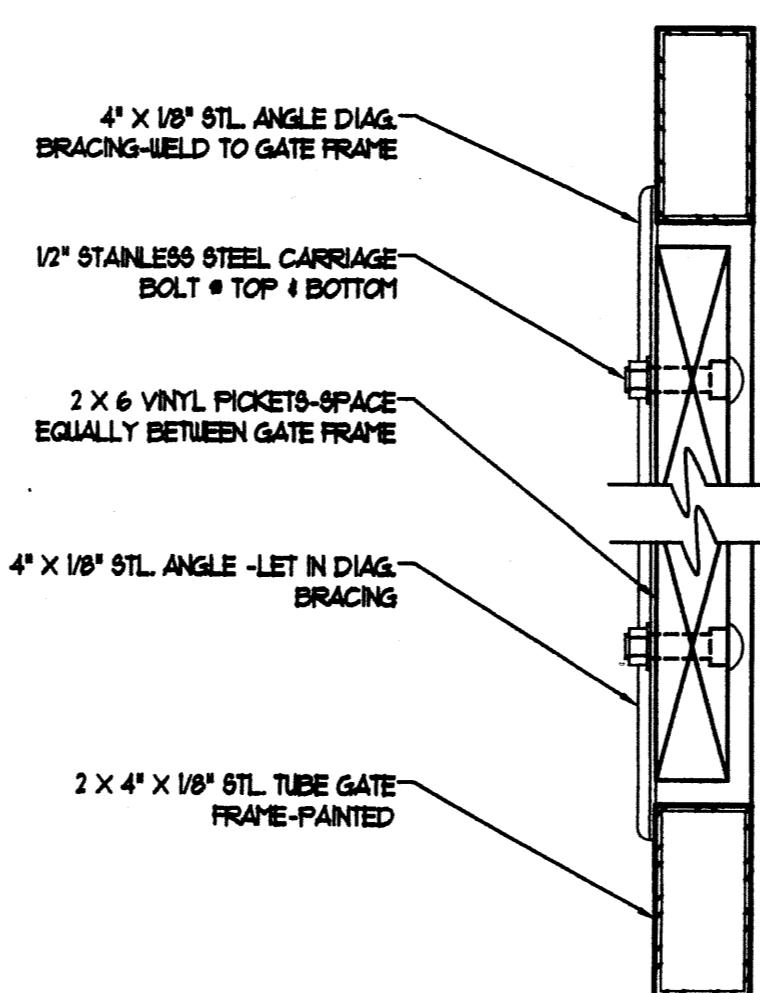
2 SCREEN WALL ELEVATION
SCALE 1/4" = 1'-0"



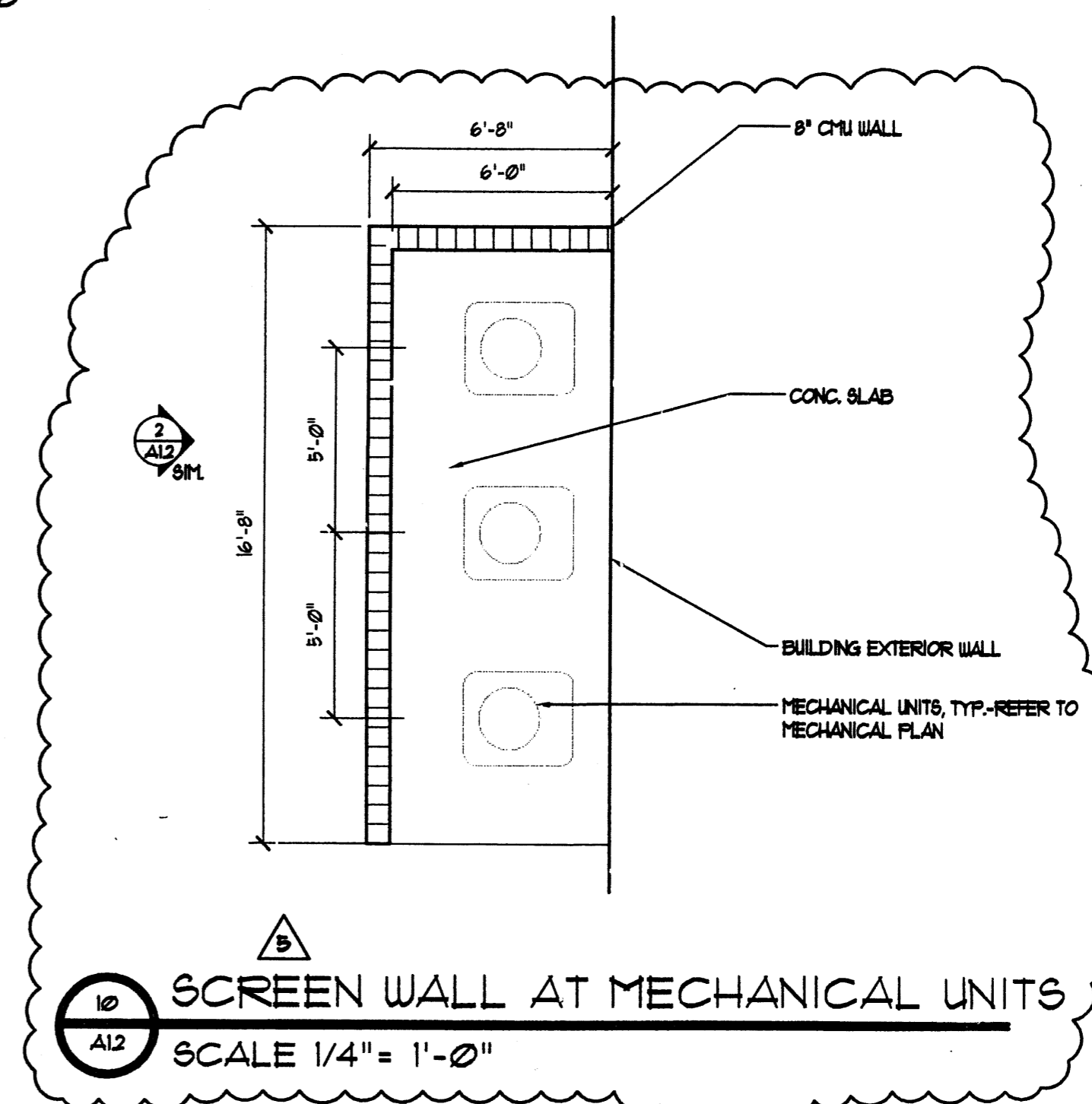
3 SCREEN WALL ELEV.
SCALE 1/4" = 1'-0"



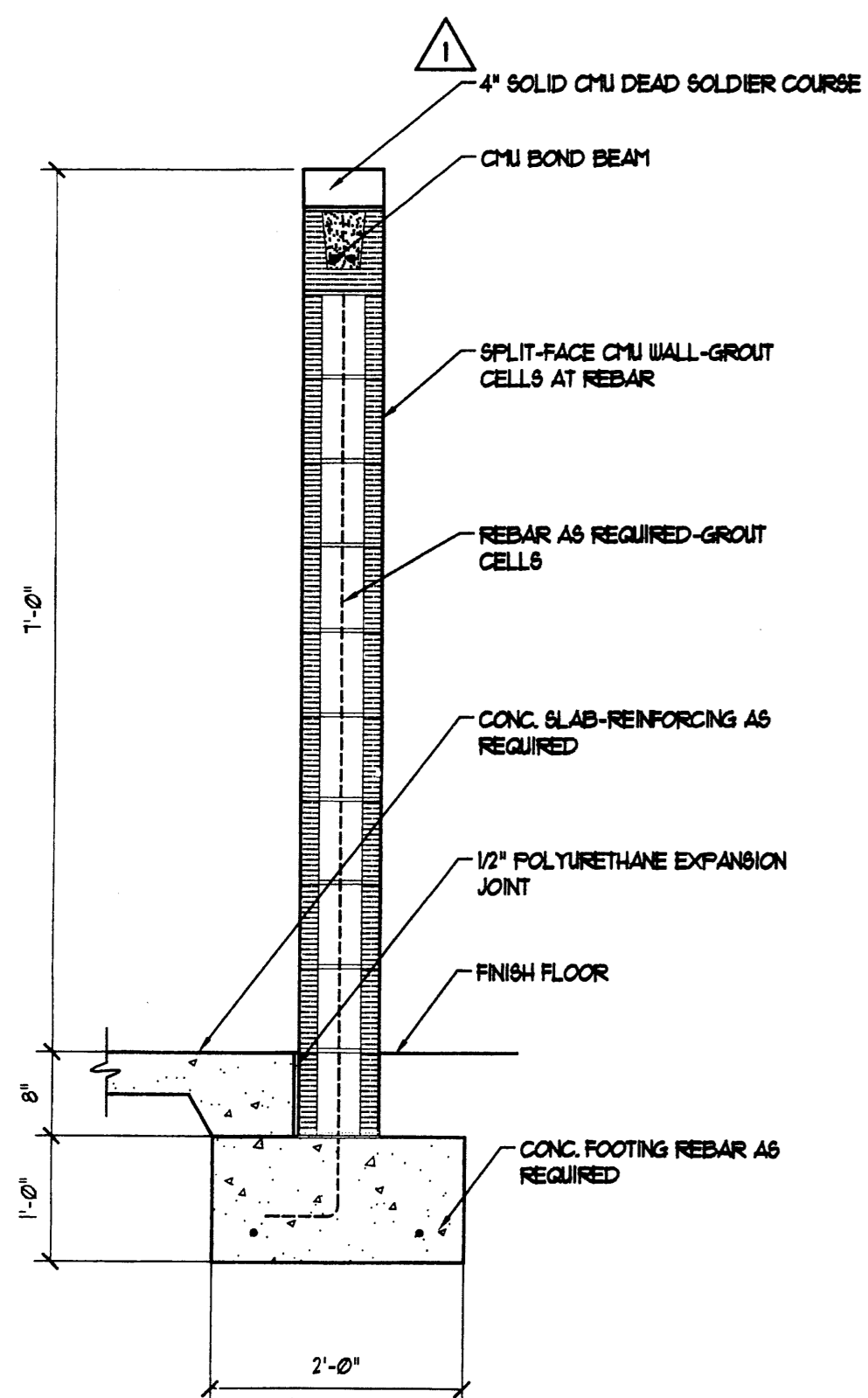
5 BOLLARD DETAIL
SCALE 6" = 1'-0"



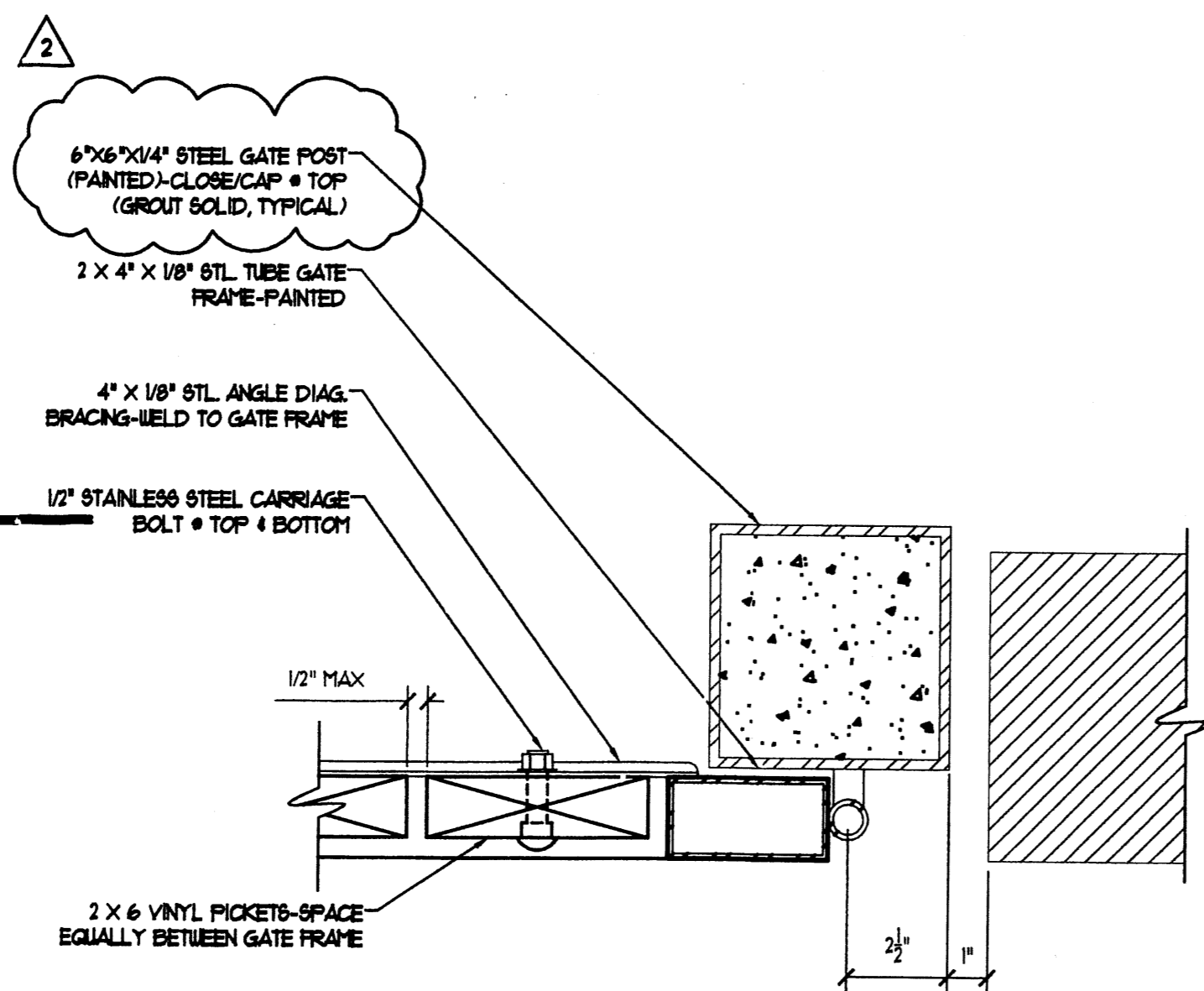
6 GATE DETAIL
SCALE 3" = 1'-0"



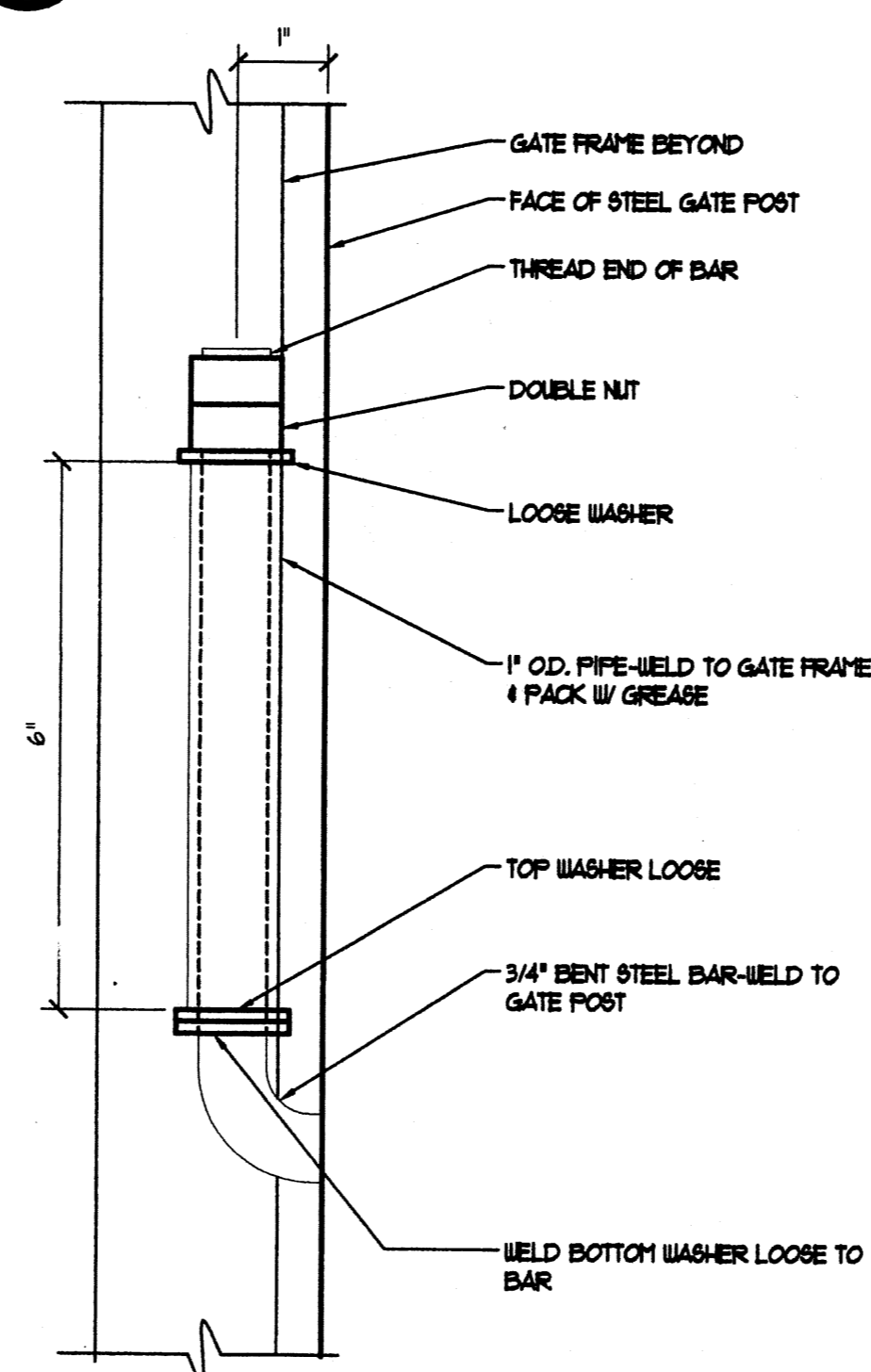
10 SCREEN WALL AT MECHANICAL UNITS
SCALE 1/4" = 1'-0"



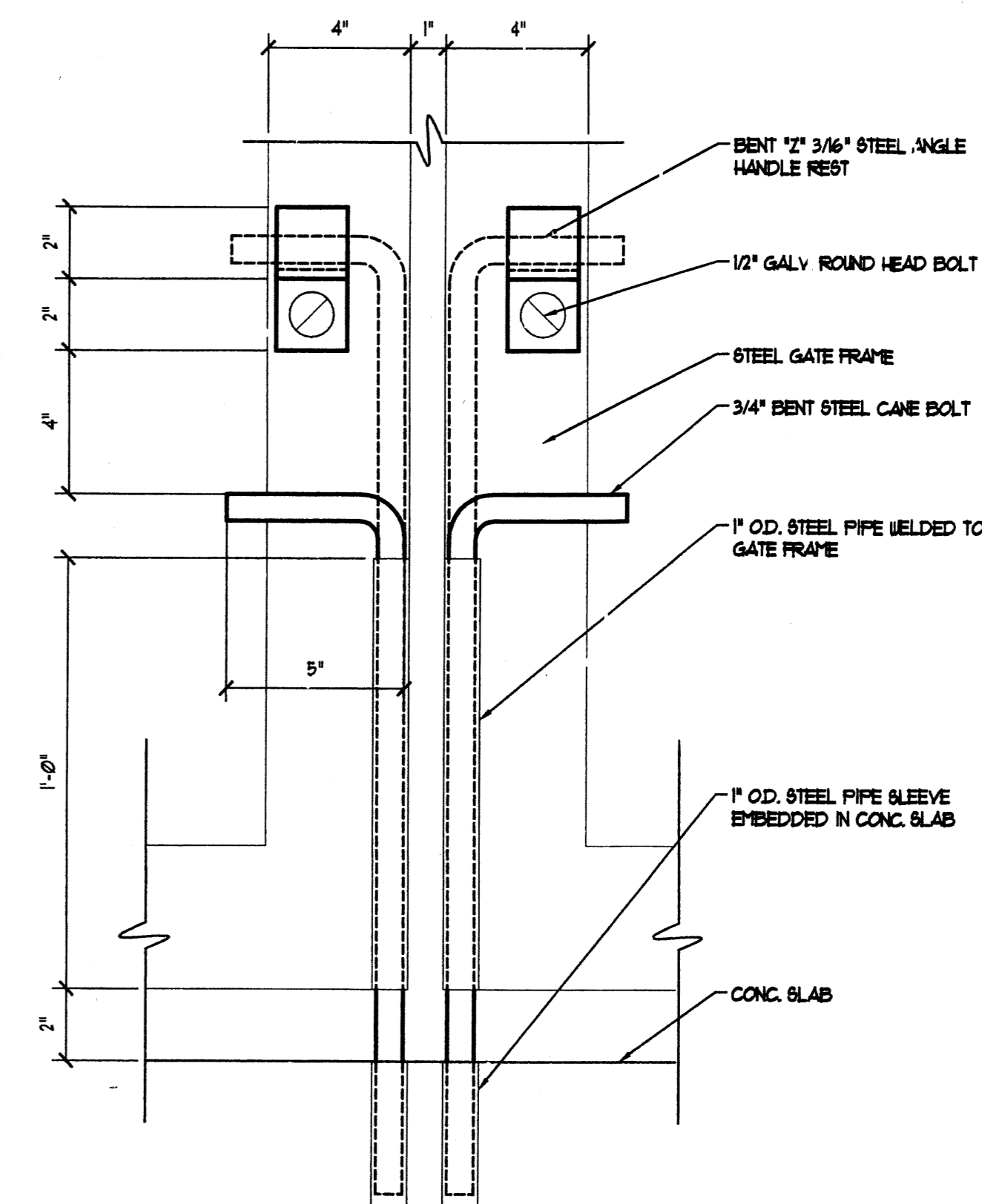
4 SCREEN WALL SECTION
SCALE 3/4" = 1'-0"



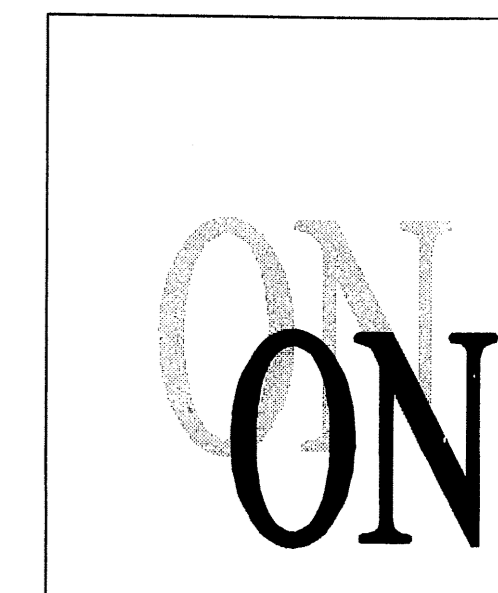
7 GATE JAMB DETAIL
SCALE 3/4" = 1'-0"



8 HINGE DETAIL
SCALE 3" = 1'-0"



9 LATCH DETAIL
SCALE 3" = 1'-0"



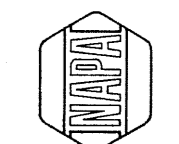
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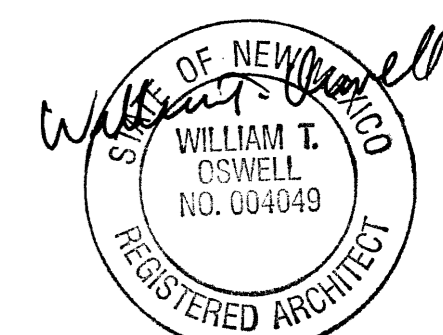
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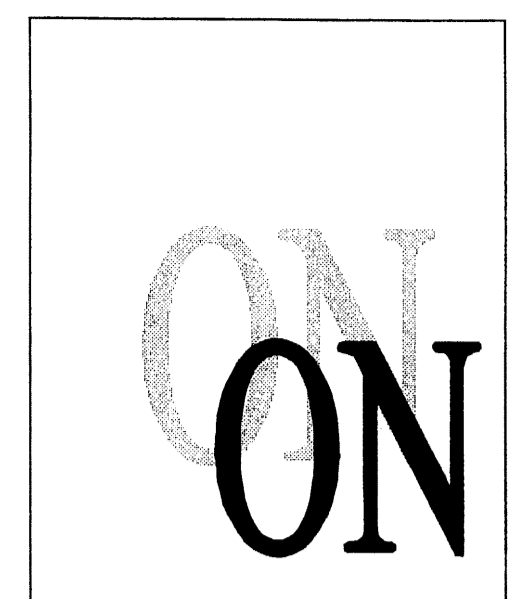
ORIGINAL ISSUE DATE: 11/05/04

REVISIONS
1 3/10/05: CITY COMMENTS
2 4/13/05: 3RD CITY SUBMITTAL
3
4
5 8-15-05: DRB COMMENTS

DUMPSTER DETAILS

Project Number 20040067

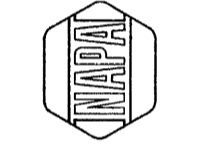
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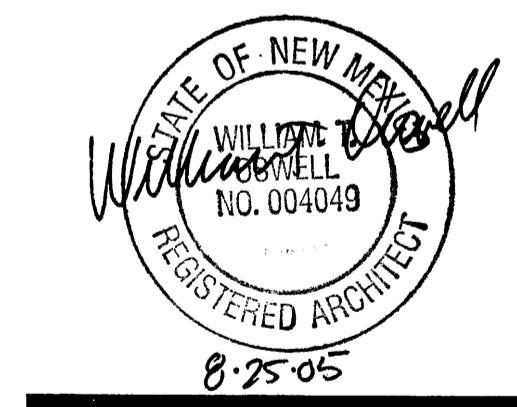
OSWELL + NITISHIN
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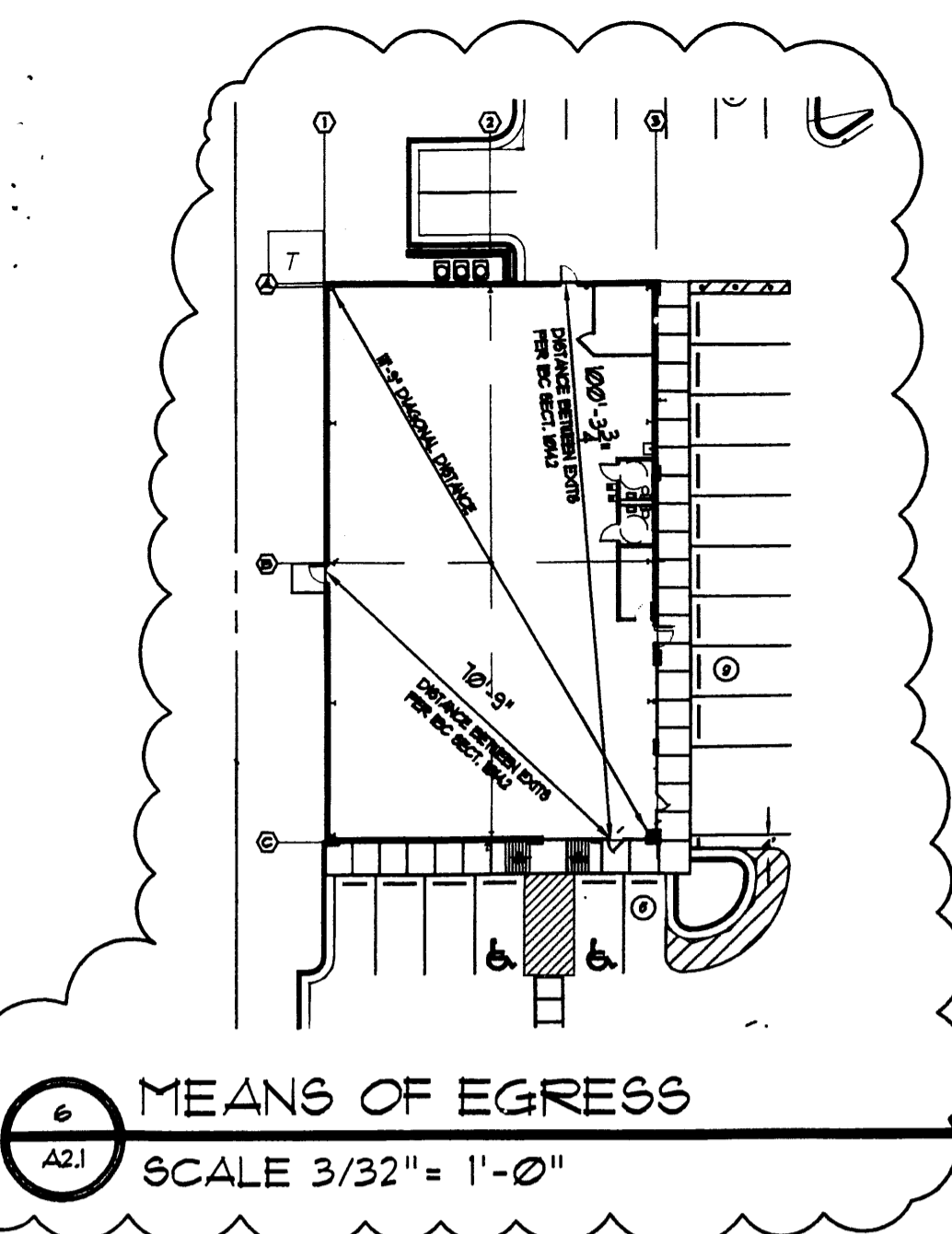
NAPA AUTO PARTS STORE
 Albuquerque, New Mexico



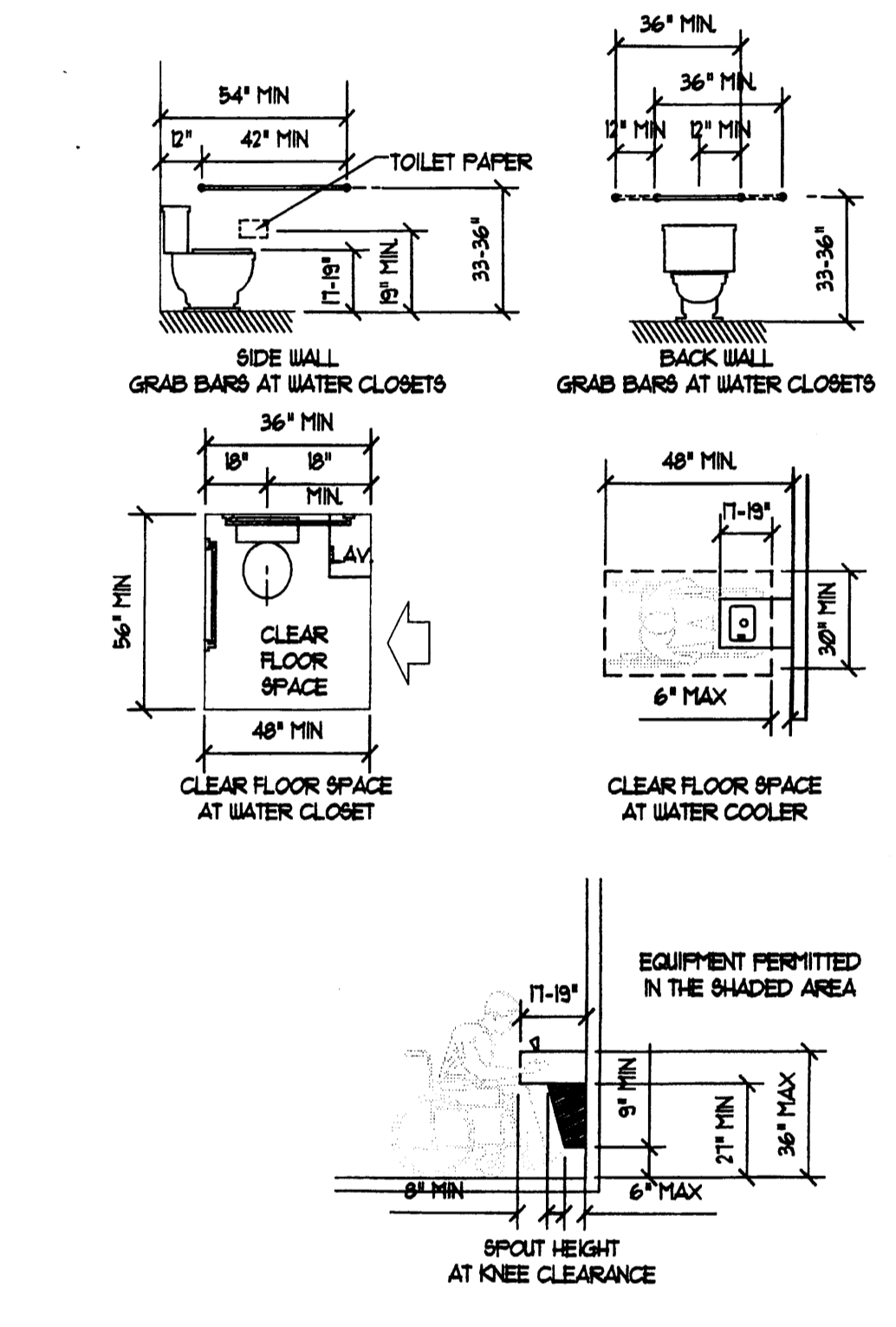
ORIGINAL ISSUE DATE: 11/05/04
 REVISIONS
 1 3/10/05: CITY COMMENTS
 2 4-13-05: 3RD CITY SUBMITTAL
 3 05/13/05: CITY COMMENTS
 4
 5 8/13/05: DRB COMMENTS
 6 8/25/05: DRB COMMENTS
 FLOOR PLANS, SCHEDULES AND DETAILS

Project Number 20040067

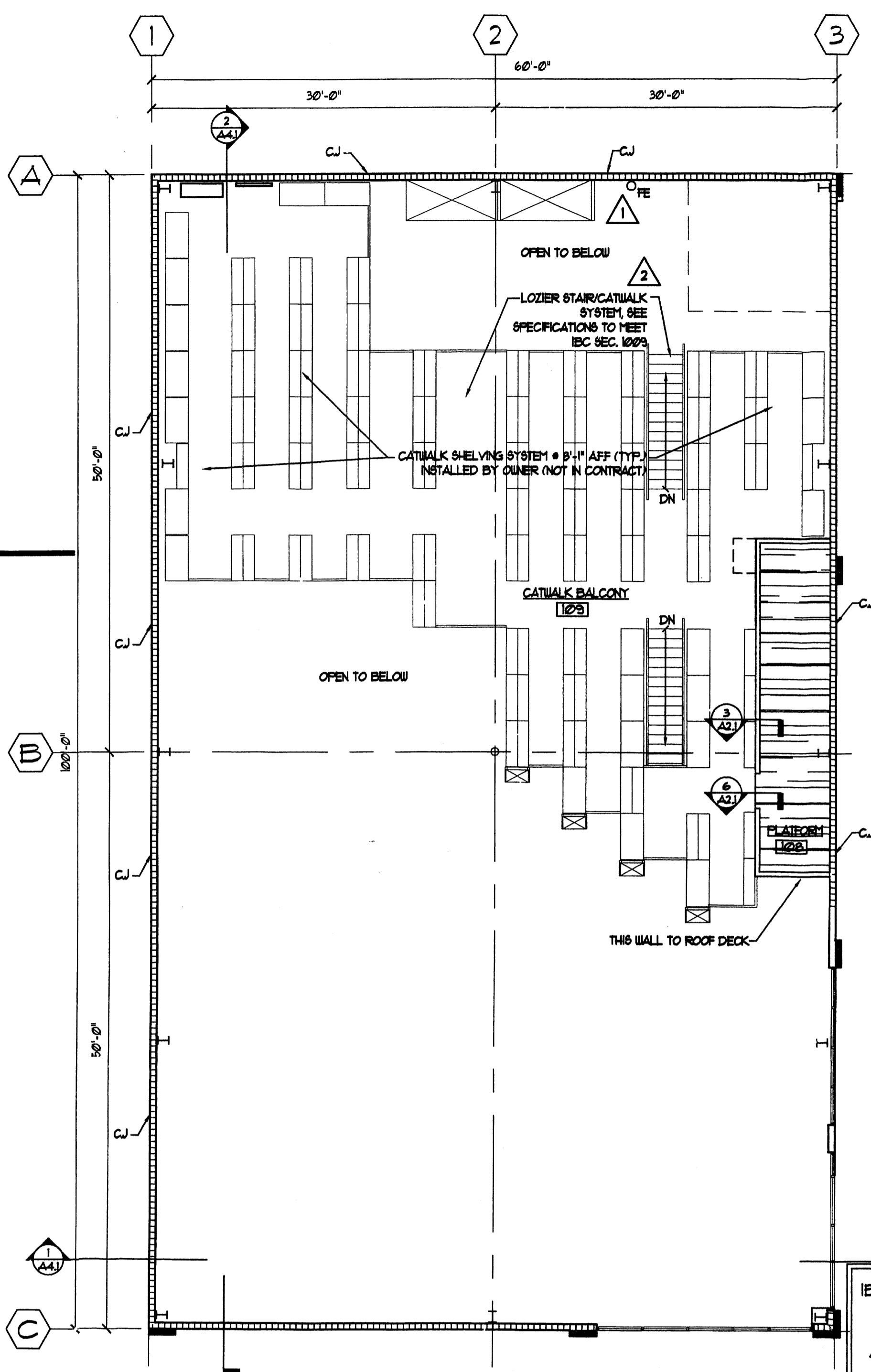
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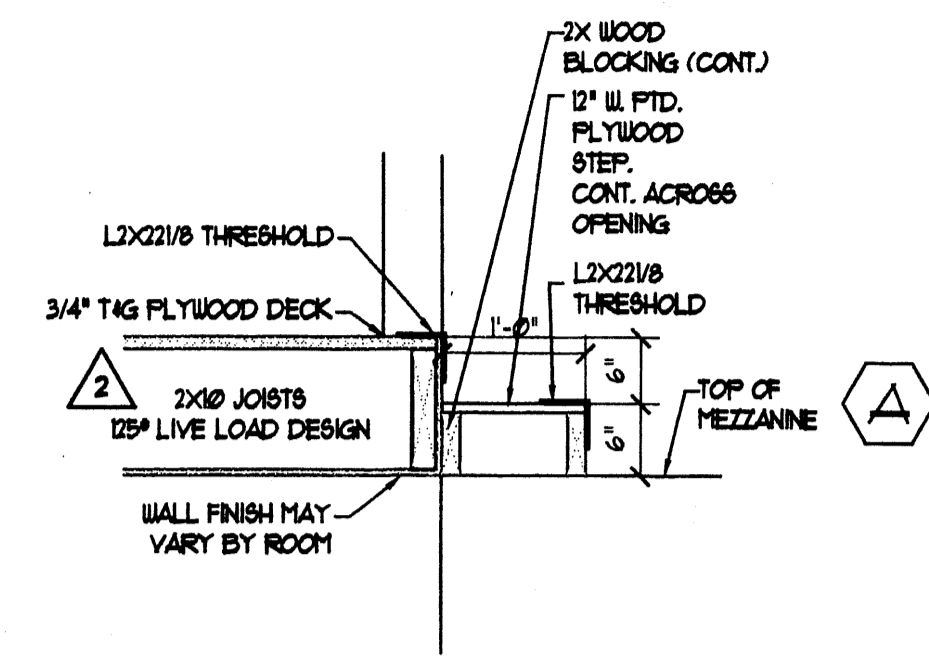
6 MEANS OF EGRESS
 SCALE 3/32" = 1'-0"



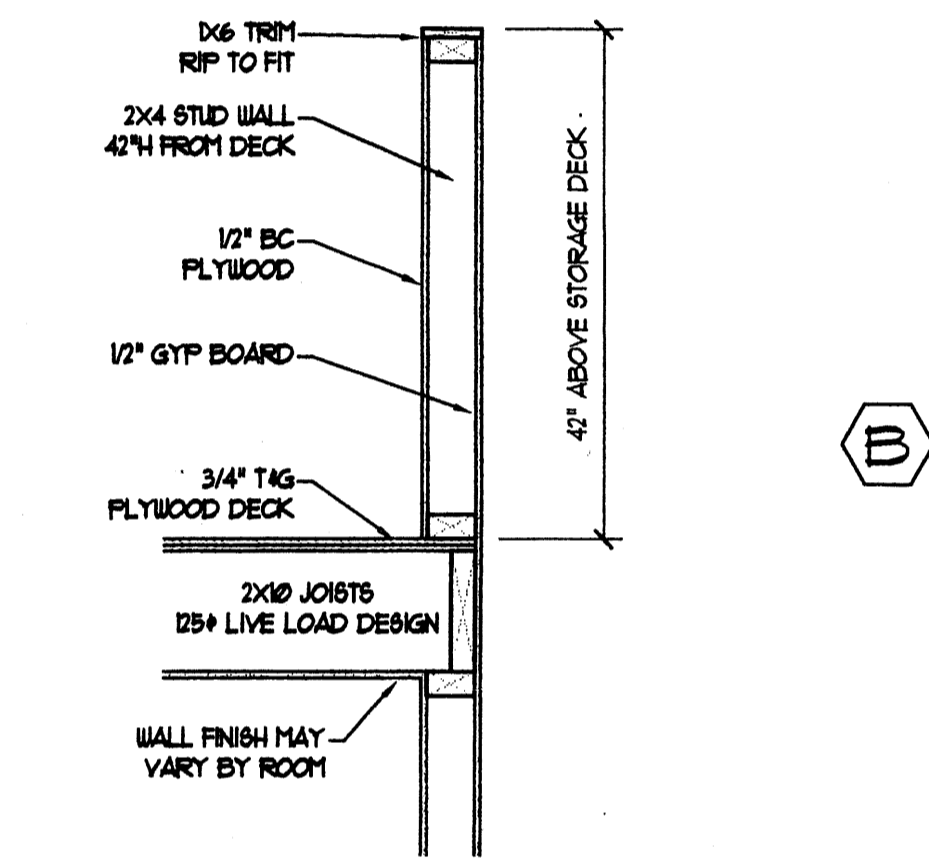
4 ADA ACCESSIBILITY DETAILS
 SCALE 1/4" = 1'-0"



2 BALCONY PLAN
 SCALE 1/8" = 1'-0"



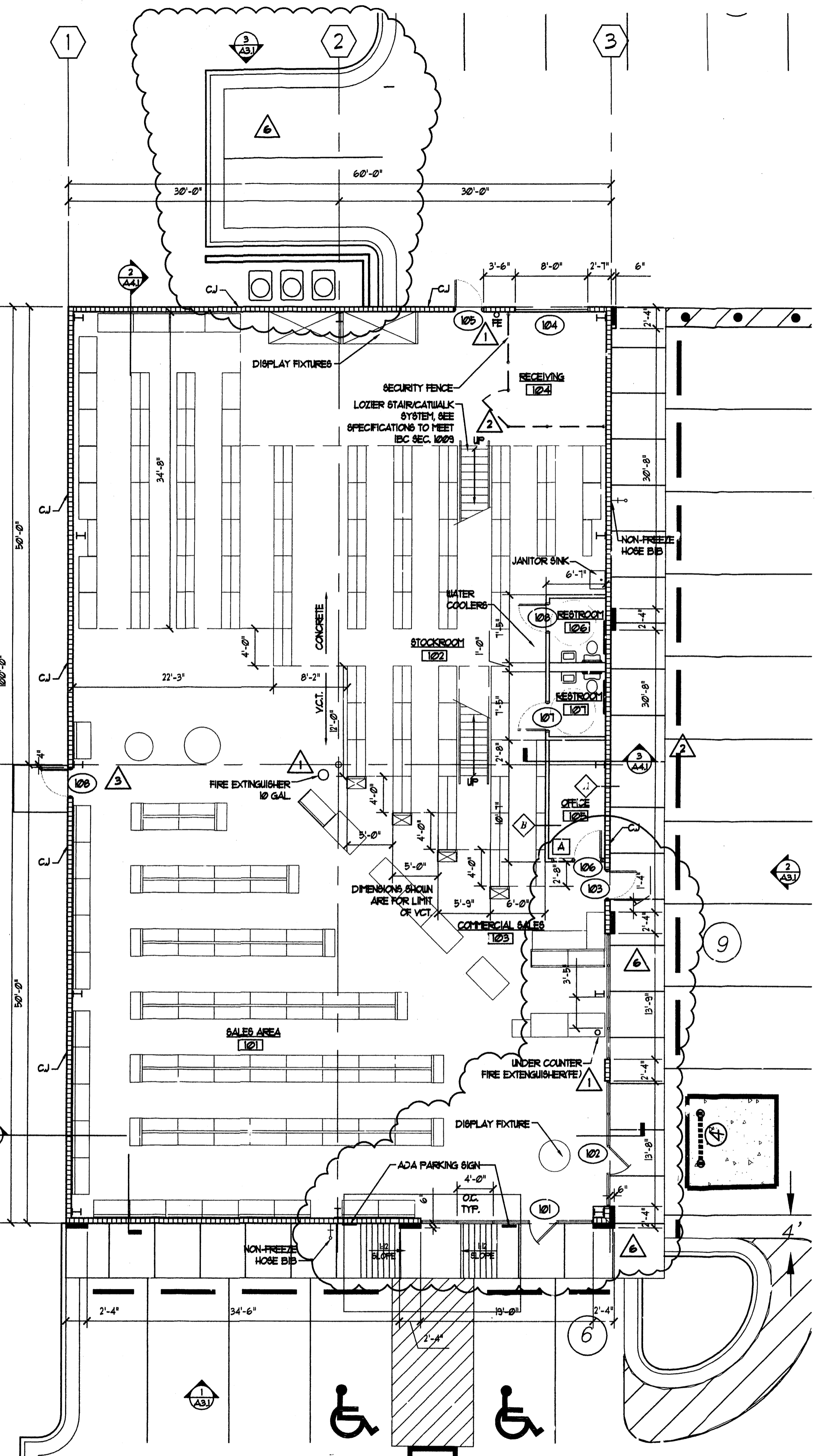
6 DETAIL @ DECK EDGE
 SCALE 3/4" = 1'-0"



3 DETAIL @ KNEE WALL
 SCALE 3/4" = 1'-0"

IBC PLUMBING FIXTURE CALCULATIONS

WATER CLOSETS:	1 PER EVERY 500 MALES	PROVIDED:	1 MALE AND 1 FEMALE WATER CLOSET
URINALS:	NOT REQUIRED PER IBC SCHEDULE	PROVIDED:	NONE
LAVATORIES:	1 PER EVERY 750 PERSONS	PROVIDED:	2 LAVATORIES
DRINKING FOUNTAIN:	1 PER EVERY 1000 PERSONS	PROVIDED:	2 DRINKING FOUNTAIN TO MEET CODES
JANITOR'S SINK:	1 PROVIDED		



1 FLOOR PLAN
 SCALE 1/8" = 1'-0"

INTERIOR FINISH SCHEDULE

NO.	ROOM	FLOOR	BASE	WALLS	CEILING	REMARKS
101	SALES AREA	2" VCT.	4" VNTL.	CHU - PAINT WHITE, SEPI-GLOSS	EXPOSED STEEL STRUCTURE - PAINT - WHITE	
102	STOCKROOM	SEALER	4" VNTL.	CHU - PAINT WHITE, SEPI-GLOSS	EXPOSED STEEL STRUCTURE - PAINT - WHITE	
103	COMMERCIAL SALES	SEALER	4" VNTL.	CHU - PAINT WHITE, SEPI-GLOSS	EXPOSED STEEL STRUCTURE - PAINT - WHITE	
104	RECEIVING	SEALER	4" VNTL.	CHU - PAINT WHITE, SEPI-GLOSS	EXPOSED STEEL STRUCTURE - PAINT - WHITE	
105	OFFICE	2" VCT.	4" VNTL.	GYP BD - PAINT WHITE, SEPI-GLOSS	GYP BD - PAINT - WHITE, FLAT	
106	RESTROOM	VCT	4" VNTL.	FRP - NAPA GRAY	GYP BD - PAINT - WHITE, FLAT	
107	RESTROOM	VCT	4" VNTL.	FRP - NAPA GRAY	GYP BD - PAINT - WHITE, FLAT	
108	PLATFORM	PLYWOOD	-	CHU - PAINT WHITE, SEPI-GLOSS	EXPOSED STEEL STRUCTURE - PAINT - WHITE	
109	CATWALK BALCONY	BAR GRATINGS	-	CHU - PAINT WHITE, SEPI-GLOSS	EXPOSED STEEL STRUCTURE - PAINT - WHITE	CATWALK SYSTEM BY OWNER (N/C)

INTERIOR WINDOW SCHEDULE

NO.	TYPE	WIDTH	HEIGHT	FRAME	GLASS	BOTTOM OF GLASS	TOP OF GLASS	REMARKS
A	FIXED	3'-0"	3'-0"	H MTL - PAINT NAPA GRAY	1/4" TIPPED	1/4" AFF.	ALIGN W/ TOP OF 6'-0" DOOR	

DOOR SCHEDULE

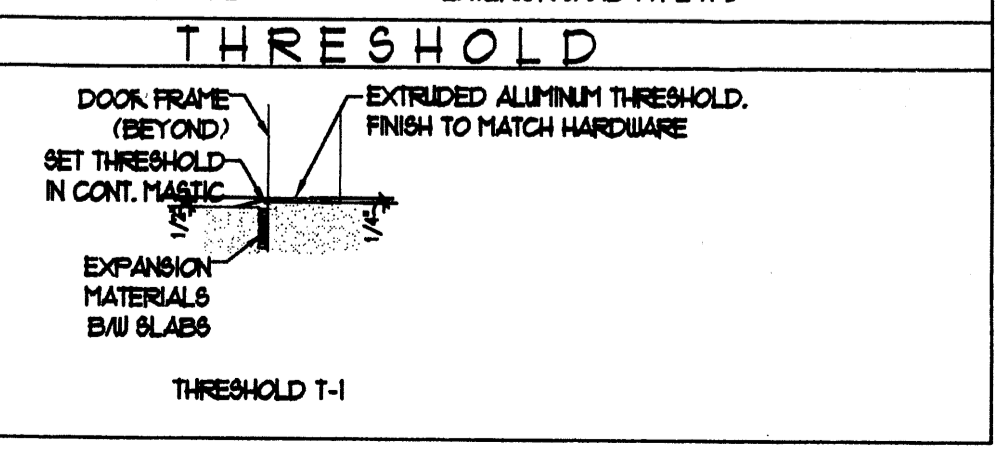
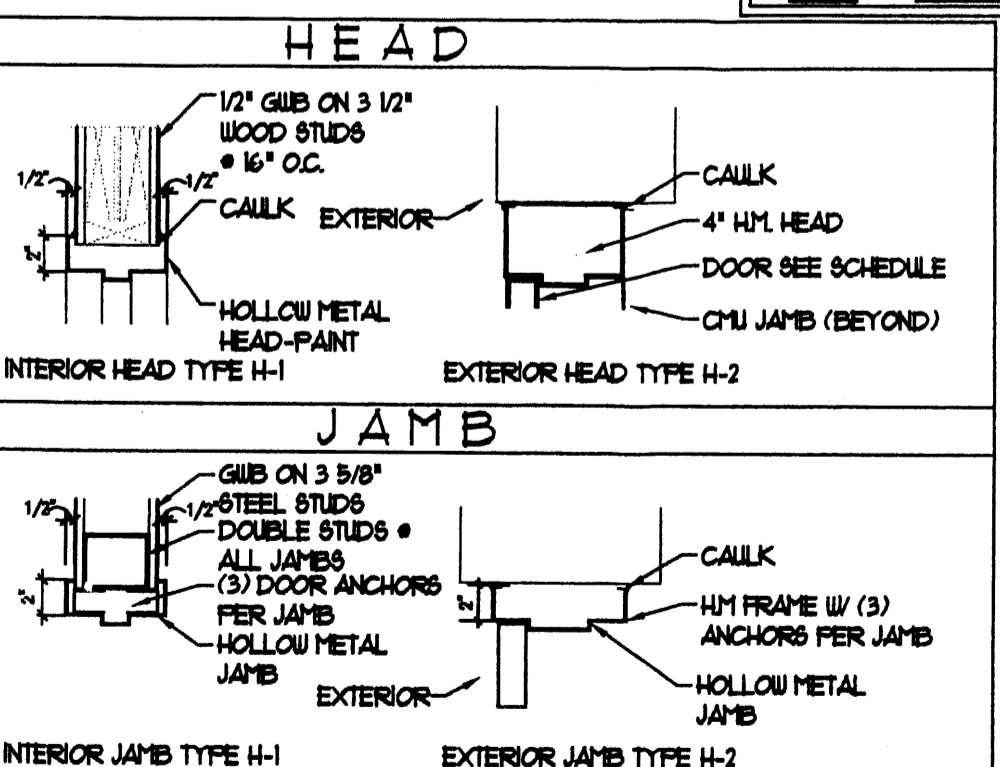
NO.	TYPE	MATERIAL	WIDTH	HEIGHT	LOCKSET	HARDWARE	FINISH
101	A	ALUM/GLASS	3'-0"	7'-0"	KEYED DEADBOLT	PUSH BAR CLOSER	ALUMINUM STOREFRONT
102	A	ALUM/GLASS	3'-0"	7'-0"	KEYED DEADBOLT	PUSH BAR CLOSER	ALUMINUM STOREFRONT
103	C	H MTL - INSULATED	3'-0"	7'-0"	PANIC DEVICE W/ EXTERIOR LEVER HANDLE	PUSH BAR CLOSER	H MTL, 4" HEAD - PAINT - NAPA GRAY
104	D	16 GA STL - INSL.	8'-0"	8'-0"	BUILT-IN KEYPAD LOCK	FULL CHAIN	ROLL VERTICAL STEEL WALL TRACK
105	B	H MTL - INSULATED	3'-0"	7'-0"	PANIC DEVICE W/ EXTERIOR LEVER HANDLE	CLOSER HOLDER	H MTL, 4" HEAD - PAINT - NAPA GRAY
106	C	B C WOOD	3'-0"	6'-0"	KEYED LOCKSET	CLOSER	H MTL - PAINTED - GRAY
107	B	B C WOOD	3'-0"	6'-0"	PRIVATE	CLOSER	H MTL - PAINTED - GRAY
108	B	B C WOOD	3'-0"	6'-0"	PRIVATE	CLOSER	H MTL - PAINTED - GRAY

WALL SCHEDULE

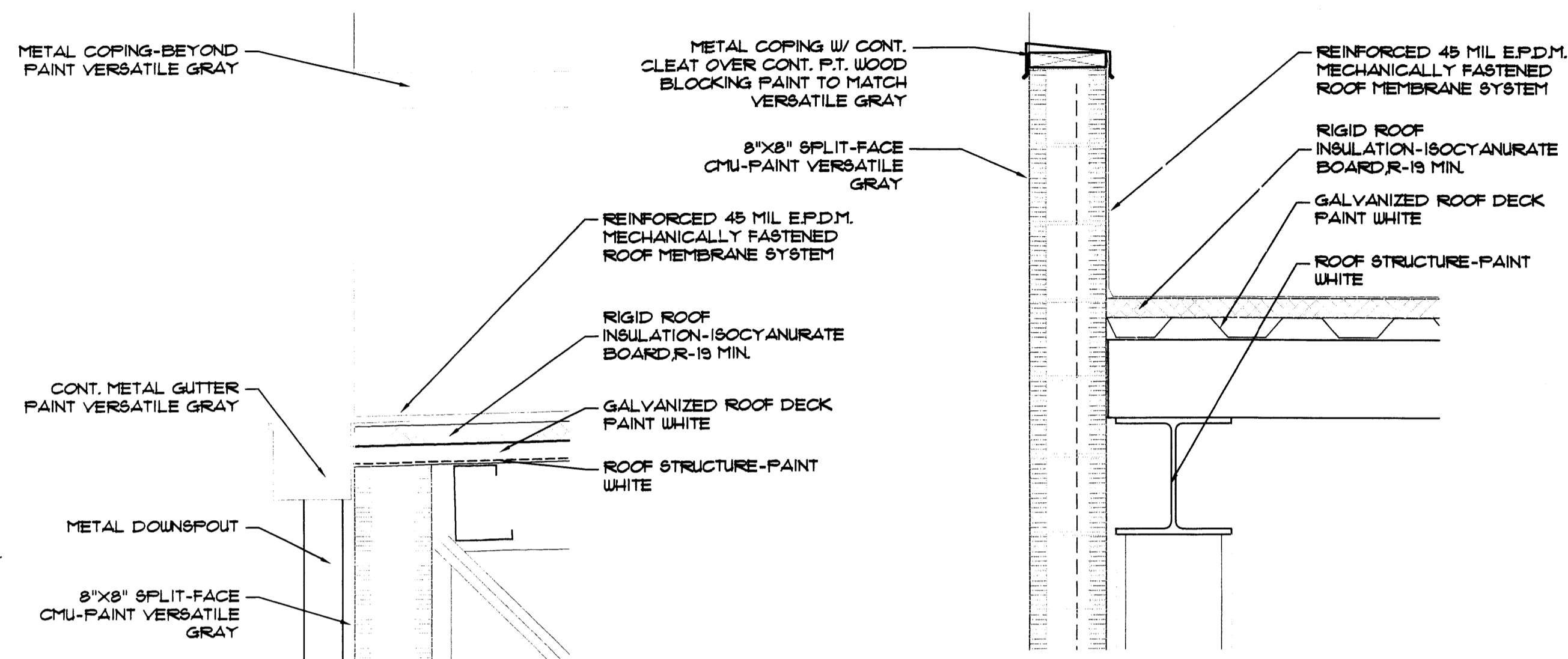
CODE	DESCRIPTION
A	8"x8" CHU WALL - PAINTED
B	4 1/2" GYP BOARD WALL W/ 2"x4" WOOD STUDS @ 16" O.C. 1 1/2" GIB EA. SIDE - PAINTED, 8'-0" HIGH

GENERAL NOTES:

- PAINT GRAY - ALL INTERIOR DOORS, DOOR FRAMES & W/TL WINDOW FRAMES
- PAINT ALL OTHER VISIBLE WALL, CEILING, STRUCTURE CONDUIT, DUCTWORK, EXPOSED SURFACES WHITE (TINT WHITE TO MATCH COLOR OF WHITE VNTL BACKED INSULATION)
- INSTALL BASE ON DRYWALL PARTITIONS & ON CHU WALLS W/ VCT. THAT ARE NOT COVERED BY WALL DISPLAY UNITS.
- 2" VCT - ARMSTRONG ORIGINAL TEXTURE COLOR - 3155 CHARCOAL
- FRP - FIBERGLASS REINFORCED PANEL LIGHT GRAY W/ REQUIRED TRIM ACCESSORIES
- SEALER - EUCRID CHEMICAL CO. 'EUCO' APPLIED FOLLOWING THE FINAL CONCRETE TROUPEL FINISH, IN ACCORDANCE TO MANUFACTURER'S SPECIFICATIONS

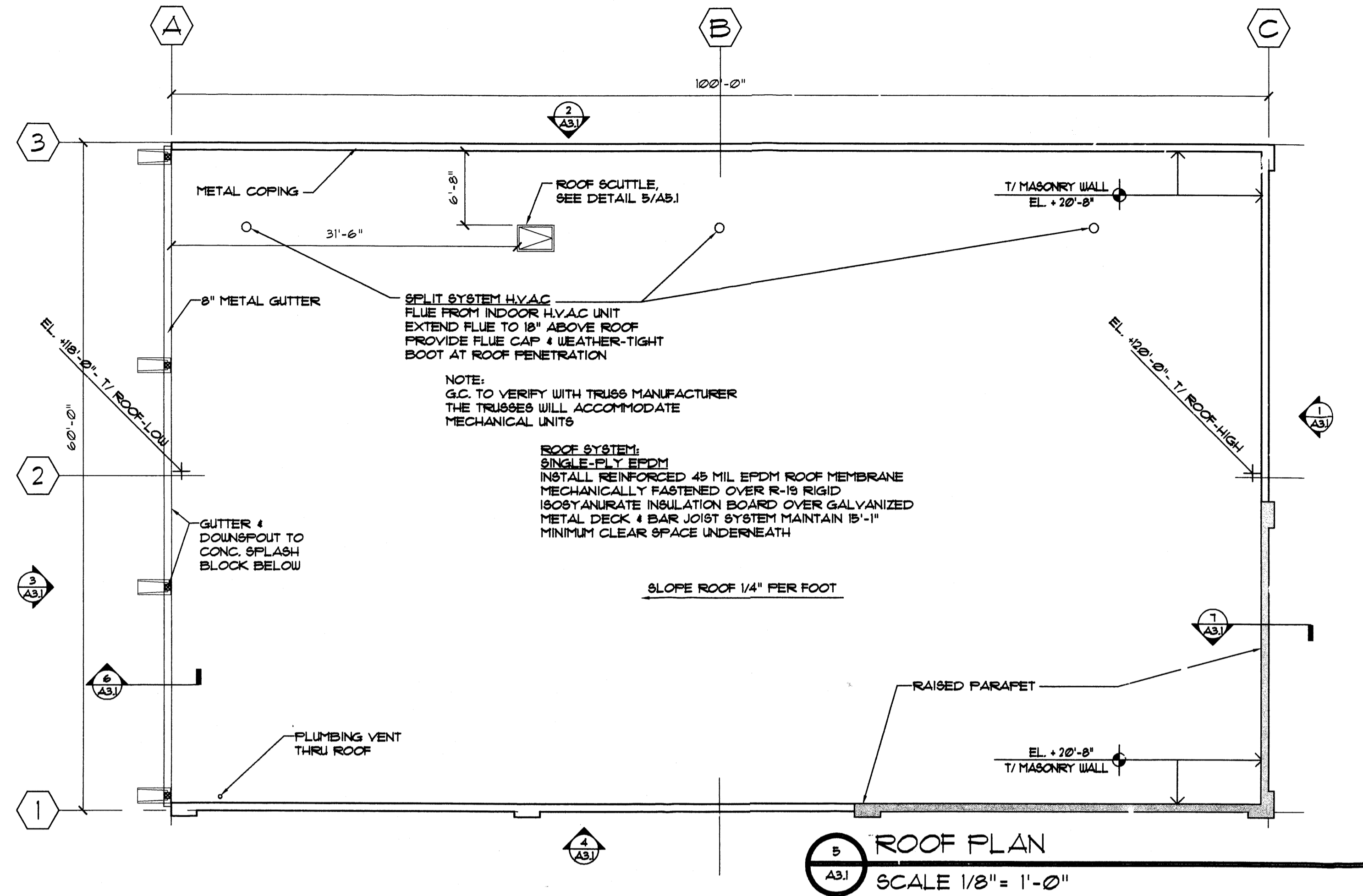


5 DOOR & FRAME TYPES
 SCALE 1/8" = 1'-0"

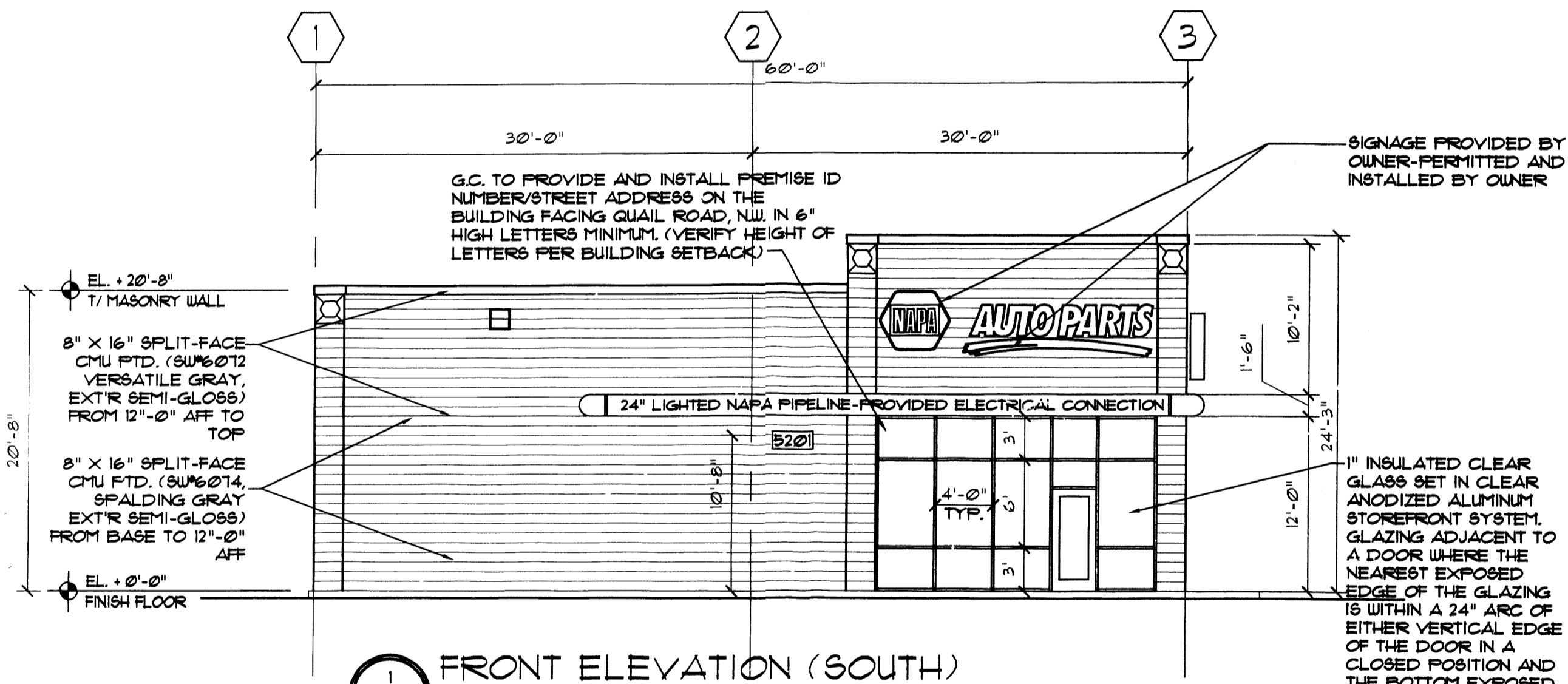


1 DETAIL AT CONT. GUTTER
SCALE 1" = 1'-0"

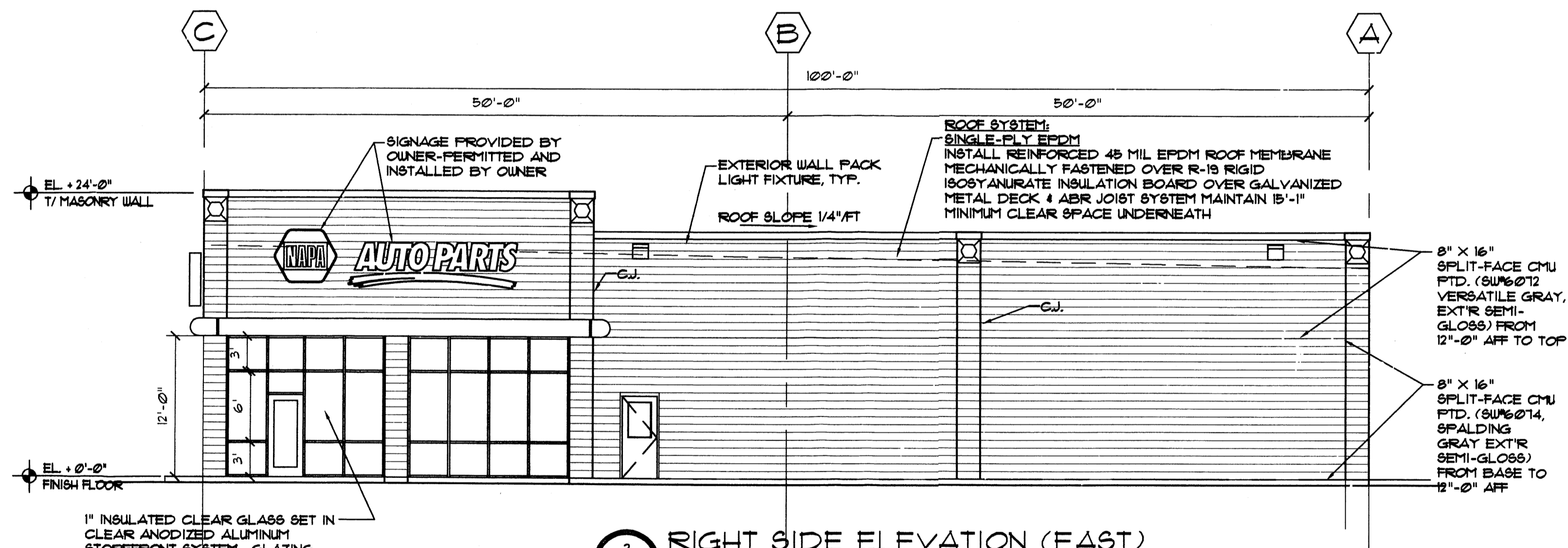
2 DETAIL AT TYPICAL PARAPET
SCALE 1" = 1'-0"



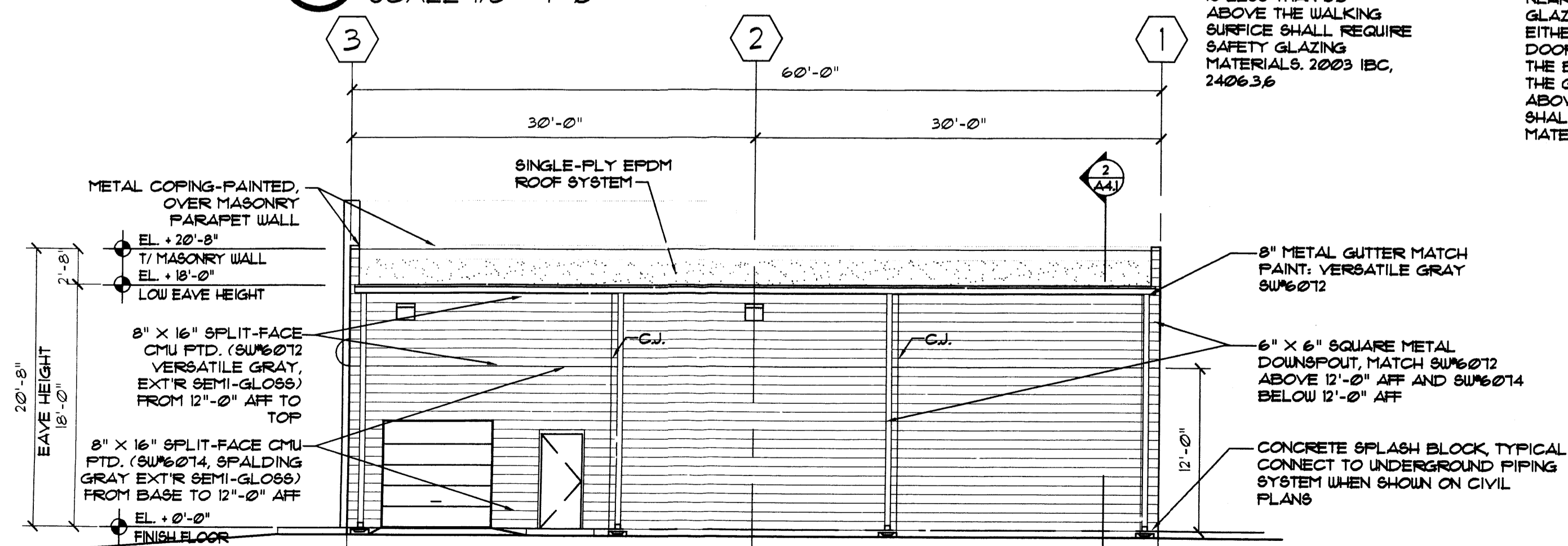
5 ROOF PLAN
SCALE 1/8" = 1'-0"



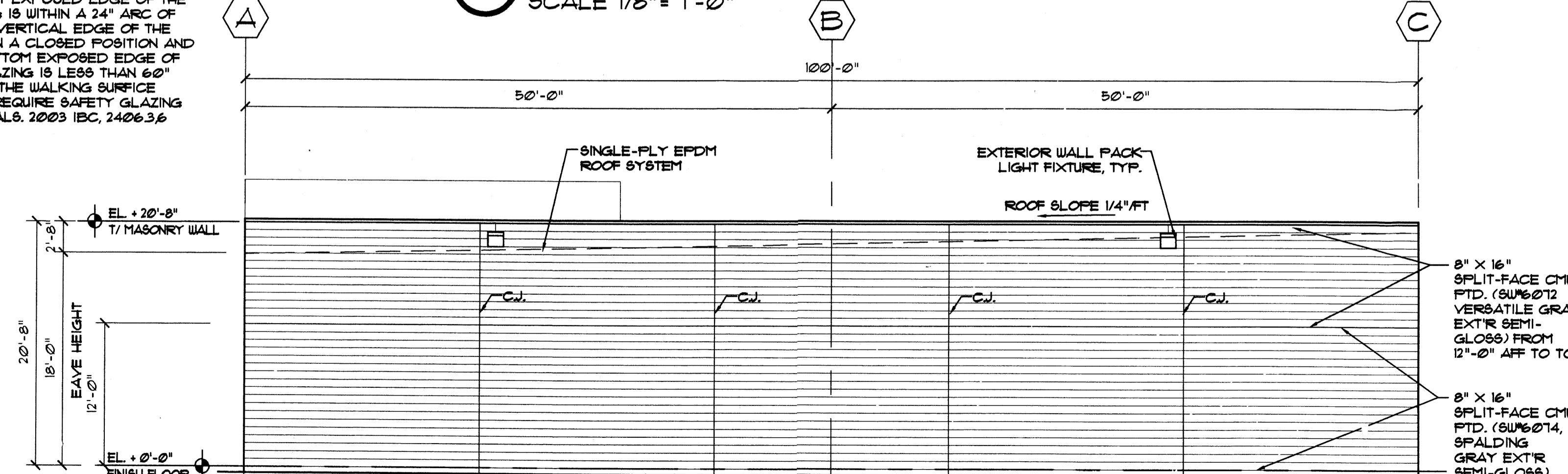
1 FRONT ELEVATION (SOUTH)
SCALE 1/8" = 1'-0"



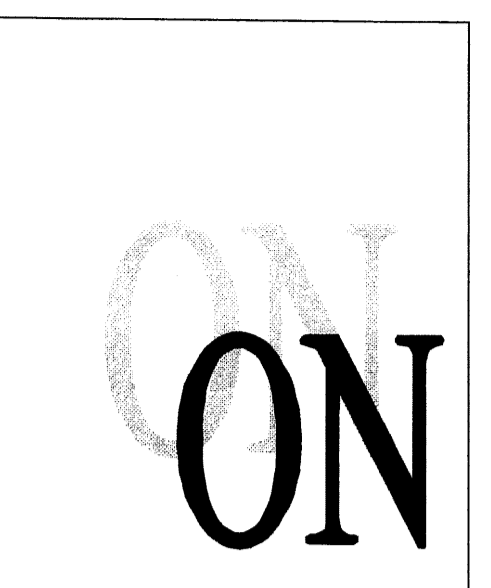
2 RIGHT SIDE ELEVATION (EAST)
SCALE 1/8" = 1'-0"



3 REAR ELEVATION (NORTH)
SCALE 1/8" = 1'-0"



4 LEFT SIDE ELEVATION (WEST)
SCALE 1/8" = 1'-0"

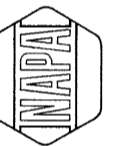


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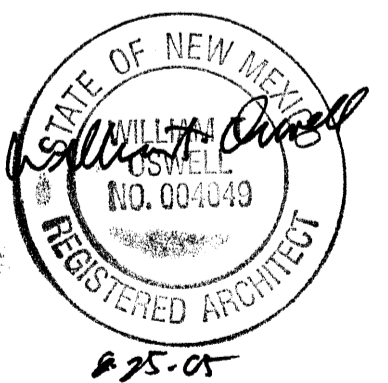
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Albuquerque, New Mexico



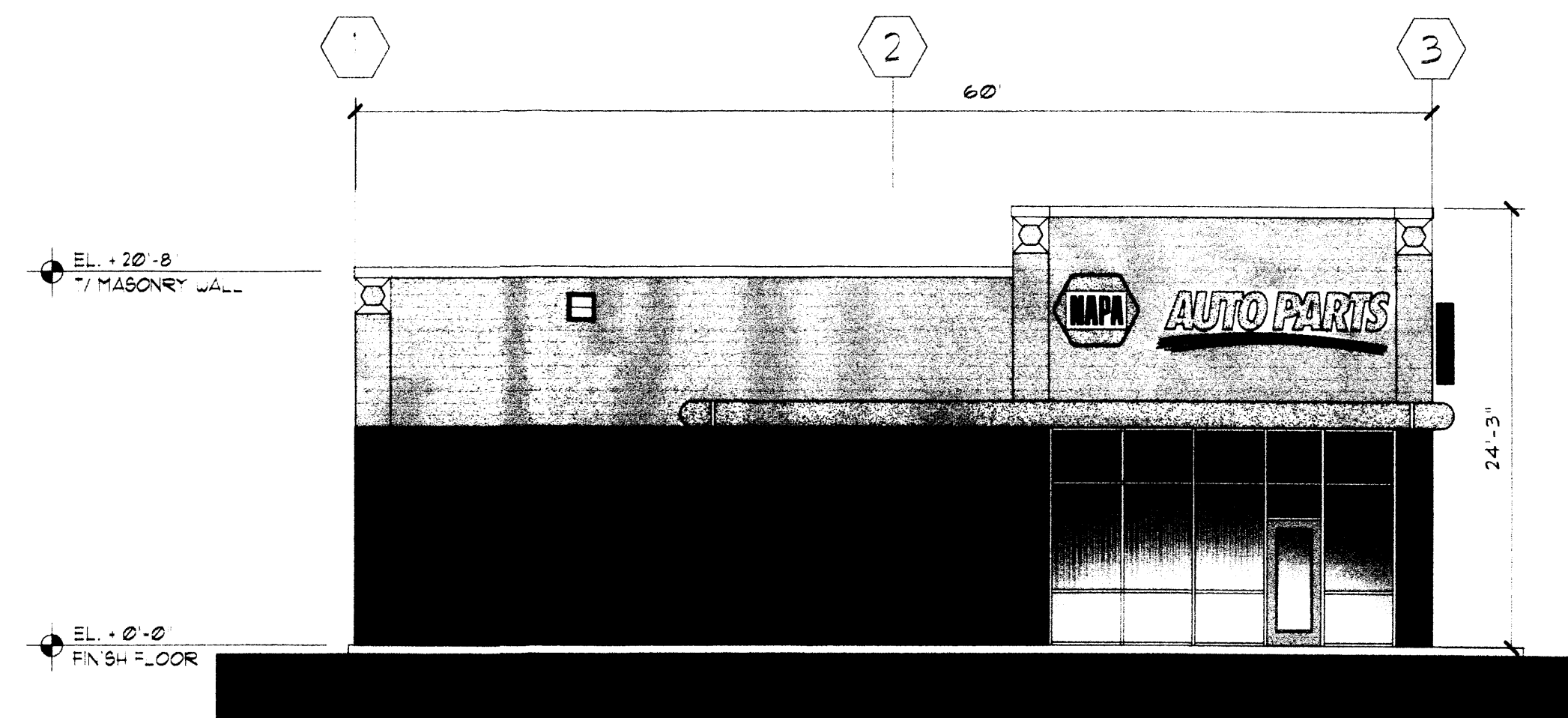
ORIGINAL ISSUE DATE: 11/05/04

- REVISIONS
- 1 3/10/05: CITY COMMENTS
 - 2 4/13/05: 3RD CITY SUBMITTAL
 - 3 4/25/05: 4TH CITY SUBMITTAL
 - 4 7/06/05: DRB REVIEW
 - 5 8/26/05: DRB COMMENTS

ELEVATIONS, ROOF PLAN
AND DETAILS

Project Number 20040067

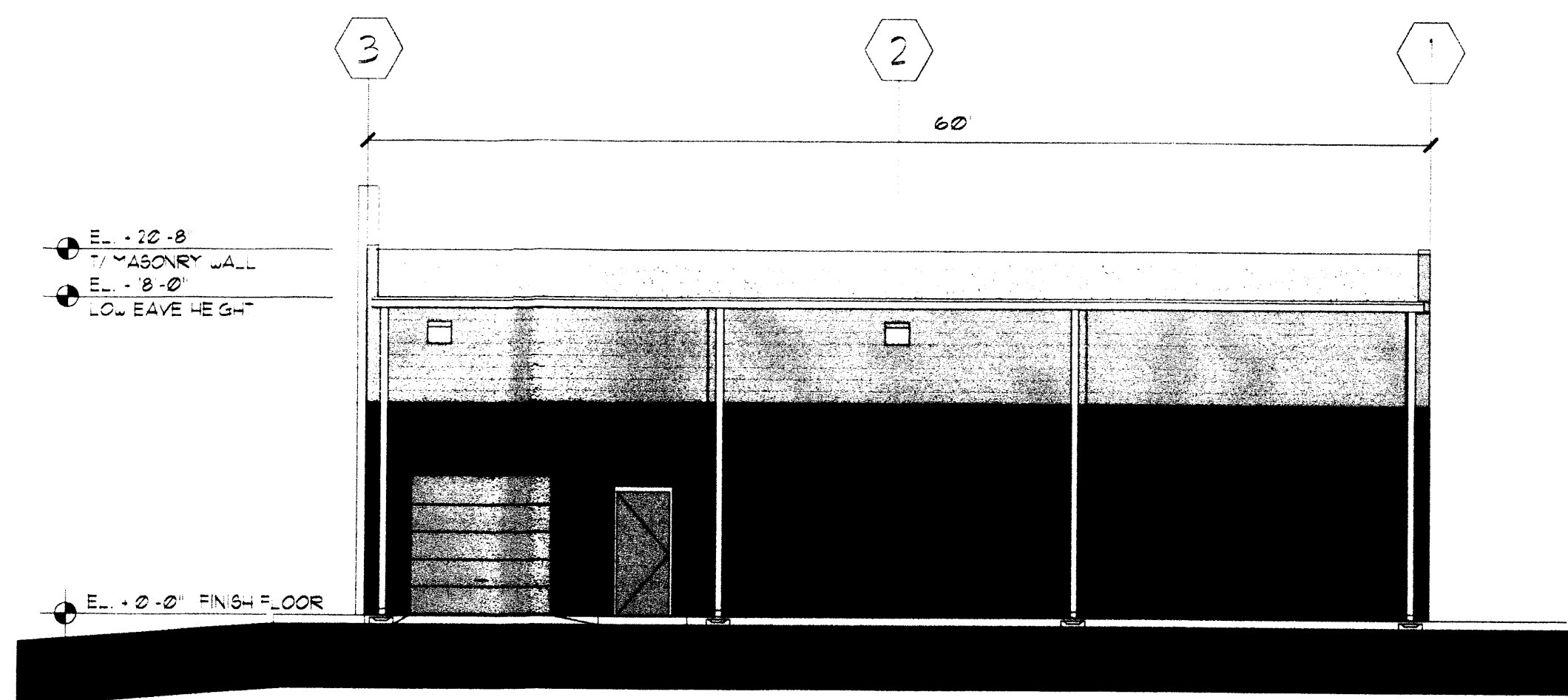
A3.1



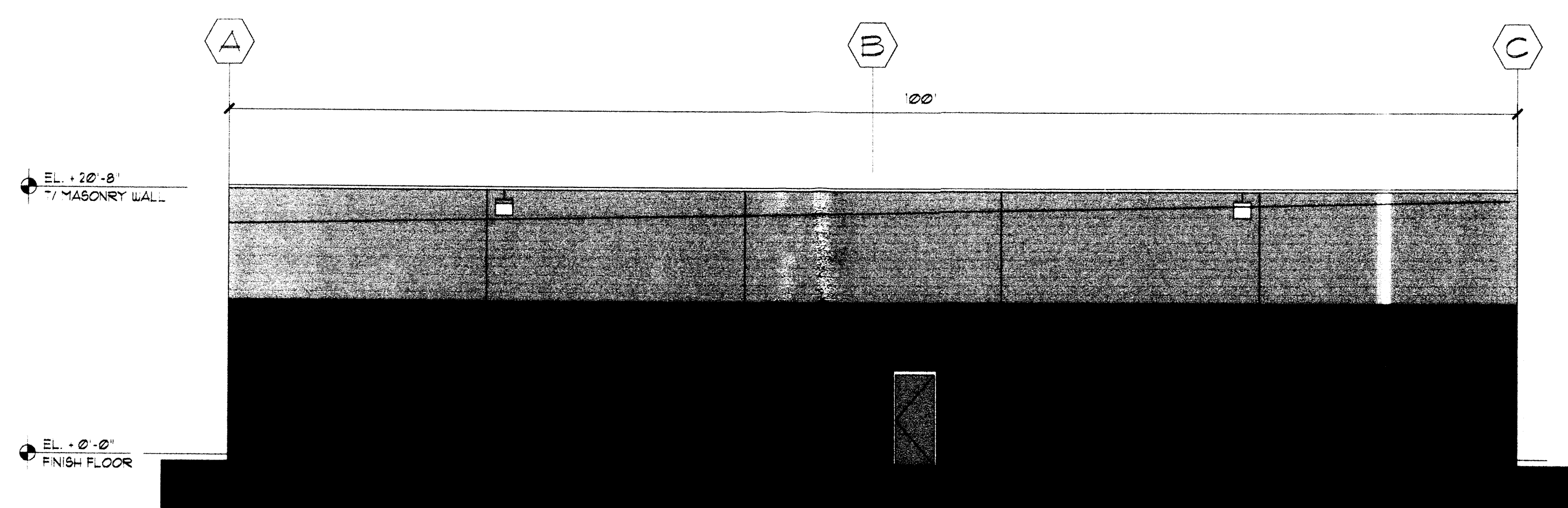
FRONT ELEVATION (SOUTH)
SCALE 1/8" = 1'-0"



RIGHT SIDE ELEVATION (EAST)
SCALE 1/8" = 1'-0"

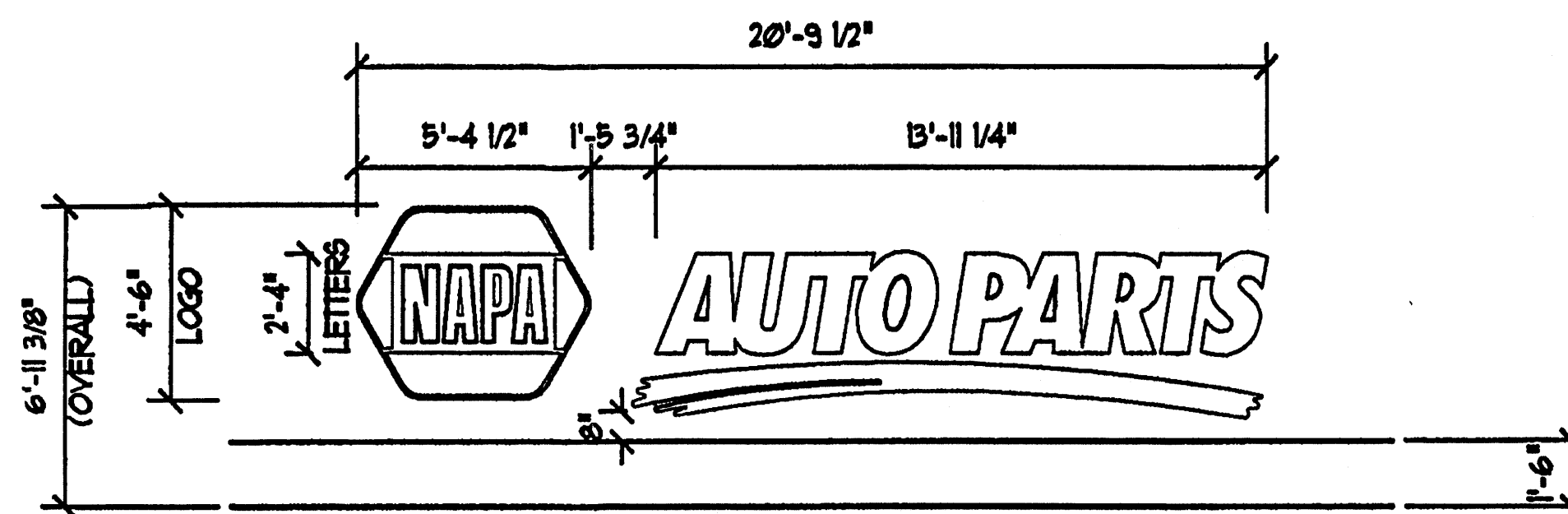


REAR ELEVATION (NORTH)
SCALE 1/8" = 1'-0"



LEFT SIDE ELEVATION (WEST)
SCALE 1/8" = 1'-0"

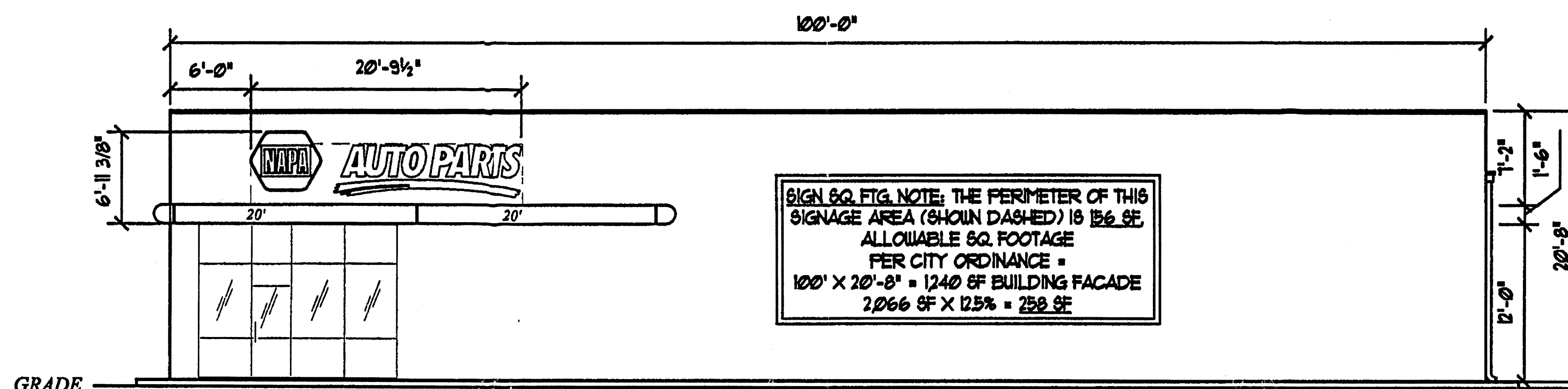




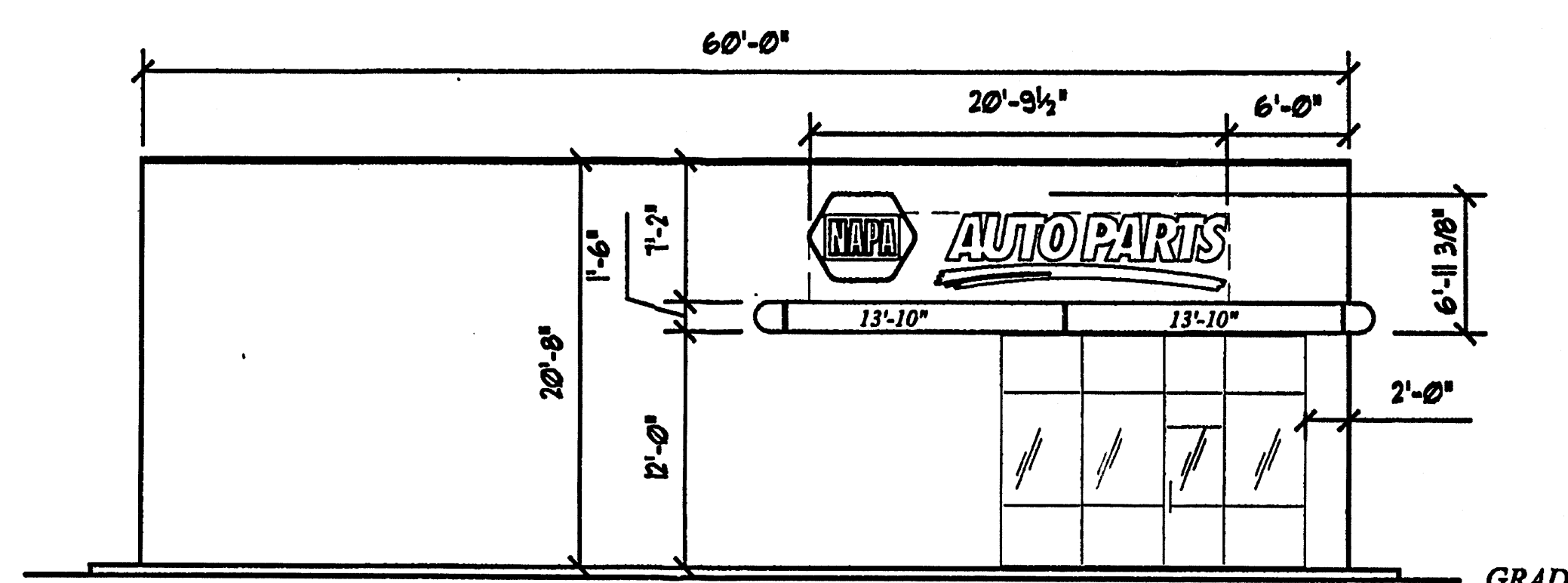
SIGNAGE DIMENSIONS

SCALE: 3/32" = 1'-0"

1 SIGN DIMENSIONS
SD.1.1 SCALE 3/32" = 1'-0"



2 EAST BUILDING ELEVATION - SIGNAGE
SD.1.1 SCALE 3/32" = 1'-0"

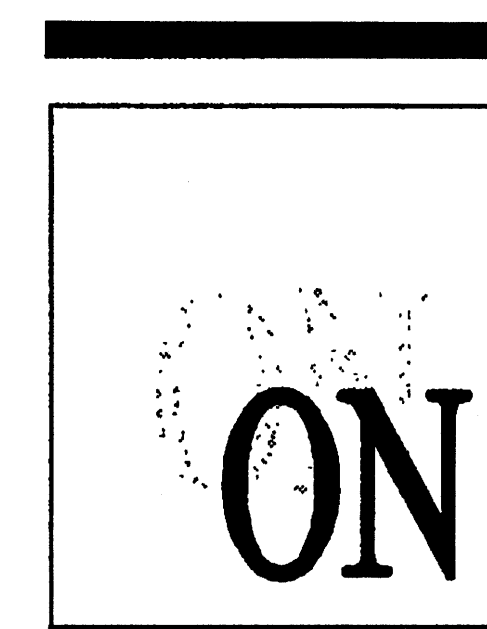


60'X100'
DOUBLE-DECK STOCKROOM
OPTION #1
6000 SQ./FT.

ENTRANCE ON SHORT SIDE OF BUILDING
NOTE: PIPELINE ENDCAPS & CORNERCAPS
ADD 1'-6" (PER) TO LENGTH(S) OF STRAIGHT
SECTIONS

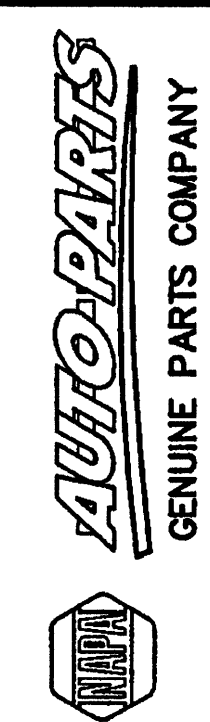
3 SOUTH BUILDING ELEVATION - SIGNAGE
SD.1.1 SCALE 3/32" = 1'-0"

STATE OF NEW MEXICO
WILLIAM T. OSWELL
REGISTERED ARCHITECT
E. 16.05



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ORIGINAL ISSUE DATE: 8/15/03
REVISIONS

- 1
- 2
- 3
- 4
- 5

FAIRMONT SIGN
ELEVATIONS

Project Number 20040067
SD-1.1