

SITE DEVELOPMENT PLANS

BP OIL STATION

AVERY ROAD & PERIMETER LOOP ROAD DUBLIN, OHIO

GENERAL NOTES

THE CITY OF COLUMBUS AND OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT ADDITION, INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN CONSTRUCTION ITEMS THAT ARE A PART OF THIS PLAN, UNLESS OTHERWISE NOTED. IF A CONFLICT BETWEEN SPECIFICATIONS IS FOUND, THE MORE STRICT SPECIFICATION WILL APPLY AS DECIDED BY THE CITY ENGINEER. ITEM NUMBERS LISTED REFER TO CITY OF COLUMBUS ITEM NUMBERS UNLESS OTHERWISE NOTED.

ANY MODIFICATIONS TO THE SPECIFICATIONS OR CHANGES TO THE WORK AS SHOWN ON THE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY ENGINEER.

THE STORM SEWER ON THIS DRAWING IS TO BE CONSTRUCTED AS A PRIVATE STORM SEWER, THEREFORE, THE CITY OF DUBLIN WILL NOT ASSUME MAINTENANCE THEREOF AFTER COMPLETION. STANDBY INSPECTION BY THE CITY WILL BE REQUIRED DURING CONSTRUCTION FOR ALL WORK IN PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENTS.

THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR MEANS, METHODS, PROCEDURES, TECHNIQUES, OR SEQUENCES OF CONSTRUCTION THAT ARE NOT SPECIFIED HEREIN. THE CITY ENGINEER WILL NOT BE RESPONSIBLE FOR SAFETY ON THE JOBSITE, OR FOR FAILURE BY THE CONTRACTOR TO PERFORM WORK ACCORDING TO CONTRACT DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.

THE CONTRACTOR SHALL NOTIFY THE CITY OF DUBLIN DIVISION OF ENGINEERING IN WRITING AT LEAST 72 HOURS IN ADVANCE OF THE ANTICIPATED START OF CONSTRUCTION.

THE PONDING AREAS AS SHOWN ON THIS PLAN ARE PART OF THE STORM SEWER FACILITIES. THE OWNER/DEVELOPER WILL ASSUME THE RESPONSIBILITY TO MAINTAIN THE PONDING AREAS IN A WAY AS TO NOT REDUCE THE CAPACITY OF THE WATER STORAGE AREA. IF THE OWNER / DEVELOPER WILL NOT MAINTAIN THE PONDING AREAS, THE PLAN WILL BECOME VOID AND THE CITY WILL PLUG THE SEWER AT THE OUTLET.

THE CONTRACTOR AND SUB-CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS INCLUDING THE OCCUPATION SAFETY AND HEALTH ACT OF 1970, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUB-CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.

FOLLOWING CONSTRUCTION, A PROOF SURVEY SHALL BE PROVIDED WHICH DOCUMENTS THE "AS-BUILT" ELEVATIONS, DIMENSIONS, SLOPES AND ALIGNMENTS OF ALL ELEMENTS OF THIS PROJECT. THE PROOF SURVEY SHALL BE PREPARED, SIGNED AND SUBMITTED BY A SURVEYOR REGISTERED IN THE STATE OF OHIO.

THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS, PROPERTY CORNERS, REFERENCE POINTS, STAKES AND OTHER SURVEY REFERENCE MONUMENTS OR MARKERS. IN CASES OF WILLFUL OR CARELESS DESTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF MARKERS. RESETTling OF MARKERS SHALL BE PERFORMED BY AN OHIO PROFESSIONAL SURVEYOR AT THE APPROVAL OF THE CITY ENGINEER.

NON-RUBBER Tired VEHICLES SHALL NOT BE MOVED ON OR ACROSS PUBLIC STREETS AND HIGHWAYS WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER.

THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS, TO AN EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION. DRAINAGE DITCHES OR WATER COURSES WHICH ARE DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THE GRADES AND CROSS SECTIONS WHICH EXISTED PRIOR TO CONSTRUCTION.

TRACKING OR SPILLAGE OF MUD, DIRT OR DEBRIS UPON STREETS, RESIDENTIAL OR COMMERCIAL DRIVES, SIDEWALKS OR BIKE PATHS IS PROHIBITED AND ANY SUCH OCCURRENCE SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR. IF THE CONTRACTOR FAILS TO REMOVE SAID MUD, DIRT, DEBRIS, OR SPILLAGE, THE CITY OF DUBLIN RESERVES THE RIGHT TO REMOVE AND CLEAN AFFECTED AREAS, THE COST OF WHICH SHALL BE WITHHELD FROM MONIES THAT ARE DUE OR MAY BECOME DUE TO THE CONTRACTOR.

THE CONTRACTOR SHALL NOT DISPOSE OF EXCESS EXCAVATION AT LOCATIONS NOT APPROVED BY THE CITY ENGINEER. DISPOSAL OUTSIDE PROJECT LIMITS WILL NOT BE ALLOWED WITHOUT SUBMITTING FOR REVIEW AND APPROVAL TO THE CITY ENGINEER A SIGNED, WRITTEN AGREEMENT BETWEEN THE CONTRACTOR AND THE OFF-SITE LAND OWNER. AN AGREEMENT SHOULD CLEARLY STATE THE PURPOSE OF THE AGREEMENT, SHOW THE LOCATION OF THE DISPOSAL AREA INCLUDING FLOODPLAIN AND FLOODWAY BOUNDARIES, DISPLAY AN ESTIMATE OF VOLUME OF MATERIAL TO BE DISPOSED ON THE SITE, AND INDICATE THE PERMISSION OF THE LAND OWNER FOR SUCH USE. DISPOSAL WITHIN FLOODPLAINS MAY NOT BE PERMITTED WITHOUT EXPRESS WRITTEN CONSENT OF THE CITY ENGINEER. NO DISPOSAL WILL BE PERMITTED WITHIN TWENTY FEET OF FLOODWAY BOUNDARIES.

ALL SIGNS, LANDSCAPING, STRUCTURES OR OTHER APPURTENANCES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER. THE COST OF SUCH WORK SHALL BE PAID FOR BY THE CONTRACTOR.

ALL FIELD TILE BROKEN OR ENCOUNTERED DURING EXCAVATION SHALL BE REPLACED OR REPAIRED AND CONNECTED TO THE STORM SEWER SYSTEM AS DIRECTED BY THE CITY ENGINEER. THE COST OF WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

SIGNAGE SHALL CONFORM TO LOCAL CODES CONCERNING SETBACKS AND SQUARE FOOTAGE REQUIREMENTS. THE CONTRACTOR SHALL FURNISH THE CONCRETE BASE FOR PRIME SIGN.

ALL TRENCHES WITHIN PAVEMENT, BERM, AND SHOULDER LIMITS SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS. TRENCHES OUTSIDE THESE AREAS SHALL BE BACKFILLED OR SHALL BE PROTECTED BY APPROVED TEMPORARY FENCING OR BARRICADES DURING NON-WORKING HOURS. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE TRENCHING OPERATION.

TRENCHES WITHIN 2 FEET OF PAVEMENT, CURB AND GUTTER, BERM, SHOULDERS, SIDEWALK, BIKE PATH OR ELSEWHERE ON THE PLANS SHALL BE BACKFILLED WITH GRANULAR MATERIAL ACCORDING TO ITEM 912 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL SUBMIT TO THE CITY ENGINEER AT THE PRECONSTRUCTION MEETING HIS PROPOSED DESIGN MIX FORMULA FOR ALL BITUMINOUS MIXTURES TO BE PLACED ON THE PROJECT FOR REVIEW AND APPROVAL. A DESIGN MIX FORMULA SHALL BE SUBMITTED FOR EACH MIXTURE AND EACH PRODUCER AND SHALL PROVIDE GRADATION OF ALL COMPONENTS AGGREGATES, PERCENTAGE OF BLENDING AGGREGATES, PERCENTAGE OF BITUMEN, ANY ADDITIVES AND APPLICATION RATE, NAMES AND ADDRESS OF AGGREGATE SUPPLIERS, MARSHALL MIX DESIGN DATA, AND THE THEORETICAL LABORATORY DENSITY.

ALL PROPOSED PARKING SPACES ARE TO BE 9 FEET WIDE BY 19 FEET DEEP (TYPICAL) WITH THE EXCEPTION OF HANDICAPPED SPACES WHICH SHALL BE 13 FEET WIDE BY 19 FEET DEEP. PARKING SPACES SHALL BE SEPARATED BY A 4" WIDE WHITE PAINT STRIPE.

THE CONTRACTOR SHALL BACKFILL ALL AREAS BETWEEN CURBS OR PAVEMENT AND PROPERTY LINES, FINE GRADE, SOD AS PER OWNER.

THE CONTRACTOR SHALL CLEAR THE SITE OF ALL OBSTRUCTIONS, EXISTING STRUCTURES, SHRUBS, PAVEMENT, CURB, ETC. AND REMOVE DEBRIS FROM SITE.

ALL PLASTIC SEWER LINES SHALL BE DEFLECTION TESTED AFTER INSTALLATION, IN CONFORMANCE WITH THE REQUIREMENTS OF ITEM 901 OF THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS, CURRENT VERSION.

THE CONTRACTOR SHALL INSURE POSITIVE DRAINAGE.

DIMENSIONS SHOWN ARE GIVEN TO OUTSIDE BUILDING LINES.

UNLESS OTHERWISE SHOWN ON THE PLANS, ALL DOWNSPOUTS AND ROOFDRAINS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER WITH 6 INCH DIAMETER P.V.C. STORM PIPE HAVING A MINIMUM SLOPE OF 1.04% (1/8" / ft).

LOCATION OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES AND PROVIDE SERVICE TO THE BUILDING. THE UTILITIES ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE OWNER AND ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGES MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SEE THE MECHANICAL PLANS FOR CONTINUATION OF UTILITIES AND BUILDING ENTRANCE LOCATIONS.

THE CONTRACTOR SHALL GIVE NOTICE OF INTENT TO CONSTRUCT TO OHIO UTILITIES PROTECTION SERVICE (TELEPHONE 800-362-2764) AND TO OWNERS OF UNDERGROUND UTILITIES SHOWN ON THE PLANS THAT ARE NOT MEMBERS OF A REGISTERED UNDERGROUND PROTECTION SERVICE. NOTICE SHALL BE GIVEN AT LEAST 2 WORKING DAYS BEFORE START OF CONSTRUCTION.

WHEN CONFLICTS WITH EXISTING UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE CITY ENGINEER.

TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR ACCORDING TO THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.

ALL TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC ON PERIMETER LOOP ROAD AT ALL TIMES.

IF THE CITY OF DUBLIN ENGINEER DETERMINES THAT PROPER PROVISIONS FOR THE TRAFFIC CONTROL ARE NOT BEING PROVIDED BY THE CONTRACTOR, THE CITY ENGINEER SHALL ASSIGN OFF-DUTY POLICE OFFICERS TO THE PROJECT AT THE CONTRACTORS EXPENSE.

A WATER TAP PERMIT FOR EACH WATER SERVICE TAP MUST BE OBTAINED FROM THE CITY OF DUBLIN BEFORE MAKING ANY TAPS INTO THE WATERLINE.

ALL STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM DESIGNATION C76, WALL B, CLASS IV FOR PIPE DIAMETERS 12 INCHES TO 15 INCHES, CLASS III FOR 18 INCH TO 24 INCH PIPES, 27 INCH AND LARGER PIPES SHALL BE CLASS II, UNLESS OTHERWISE SHOWN ON THE PLANS.

THIS DESIGN WAS BASED ON AN EXISTING BOUNDARY AND TOPOGRAPHIC SURVEY OF PREMISES PREPARED BY E. M. H. & T. INC., DATED JANUARY 7, 1991.

ESTIMATE OF QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
901	604	L.F.	12" Conduit, Type B (706.02)
604	1	Ea.	Manhole, Type "C" (AA-S102)
604	8	Ea.	Curb and Gutter Inlet (AA-S125)
604	1	Ea.	Std. Catch Basin (AA-S133)
604	5	Ea.	Orifice Plate (Complete As Per Plan)

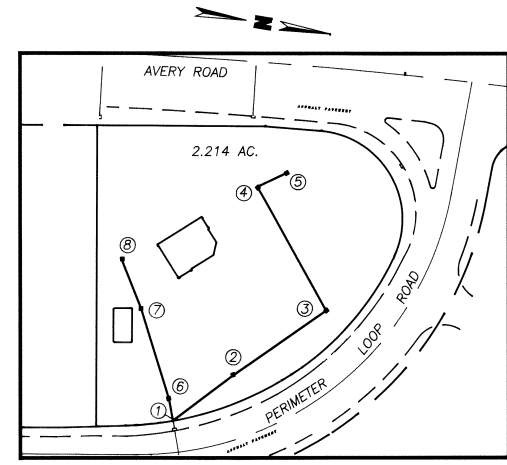
QUANTITIES LISTED ABOVE ARE ESTIMATES ONLY AND ARE SUBJECT TO REVISIONS DURING CONSTRUCTION. THE CONTRACTOR IS DIRECTED TO VERIFY ALL QUANTITIES PRIOR TO SUBMITTING HIS BID.

BENCH MARKS

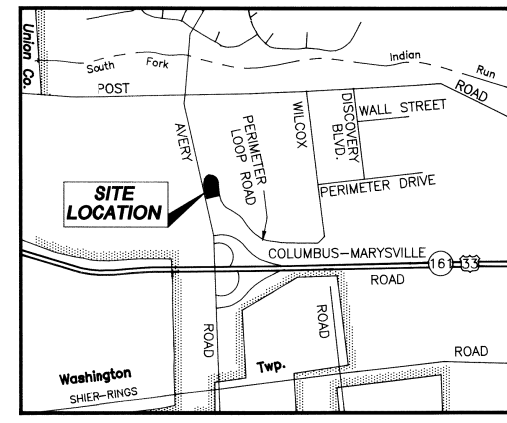
North Bolt of Fire Hydrant
Along Perimeter Loop Road
Elevation = 923.73

STANDARD CONSTRUCTION DRAWINGS

The Standard Construction Drawings listed on these plans shall be considered a part thereof.
AA-S125 AA-S128 AA-S133 AA-S139
AA-S151 AA-S160 AA-S161



TRIBUTARY MAP
Scale: 1" = 100'



LOCATION MAP
SCALE= NONE

APPROVED BY:

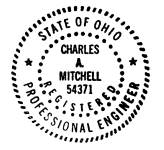
Signature below signify only general concurrence with the design concept. All technical detail will remain the responsibility of the Engineer preparing the plans.

Balbir S. Kindra 3/10/95
DUBLIN CITY ENGINEER DATE

Ray J. Jeyar 3/10/95
DIRECTOR OF DEVELOPMENT DATE

PREPARED BY:

JONES, MITCHELL, ROWE & ASSOCIATES, INC.
67 E. WILSON BRIDGE ROAD, SUITE 203
WORTHINGTON, OHIO 43085
(614) 846-9800



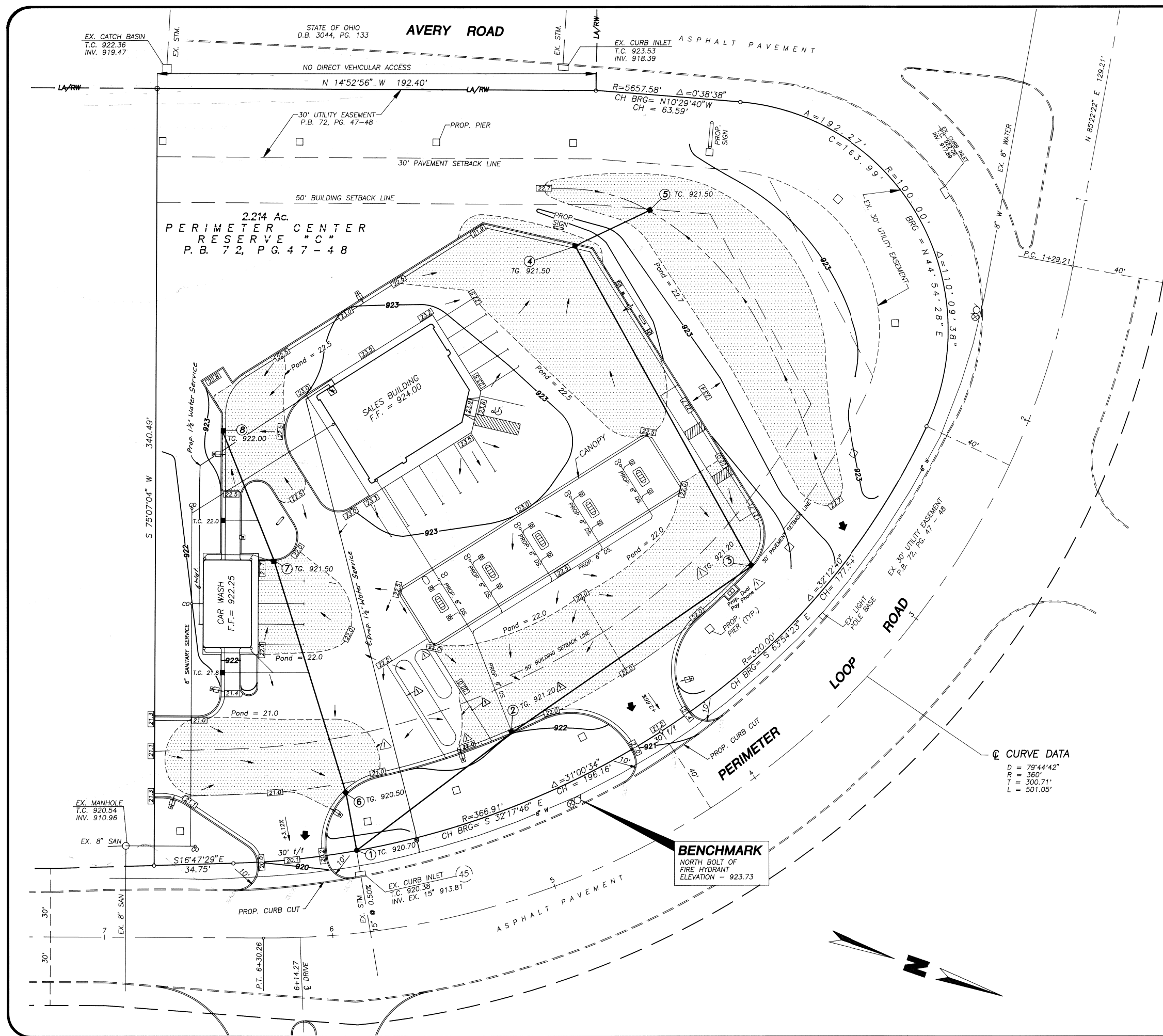
BY: *Charles A. Mitchell* 2 8 95
CHARLES A. MITCHELL DATE
PROFESSIONAL ENGINEER NO. 54371

BP OIL COMPANY
AVERY ROAD & PERIMETER LOOP ROAD
 DUBLIN, OHIO
ENGINEERING PLANS

JONES, MITCHELL, ROWE & ASSOCIATES, INC.
 67 E. WILSON BRIDGE ROAD
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 WORTHINGTON, OHIO 43085
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DESIGNED	JMR 10/94
DRAWN	CHECKED
LRG	CAM
PROJECT NO.	655-07
DRAWING NO.	65507STM.DWG
SCALE	
HORIZ. VERT.	
REVISION	
DATE	
SHEET TITLE	
TITLE SHEET	
SHEET No.	
1 of 4	

PLANNED DEVELOPMENT - IRVINE, CALIFORNIA
 REGISTERED PROFESSIONAL ENGINEER
 REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT



- LEGEND**
- EXISTING POWER POLE
 - △ EXISTING LIGHT POLE
 - △ EXISTING SIGN
 - EXISTING MANHOLE
 - ⊙ EXISTING TRAFFIC MANHOLE
 - EXISTING CATCH BASIN
 - ⊙ EXISTING GAS MARKER
 - ⊙ EXISTING OBT PEDASTAL
 - ⊙ EXISTING GAS VALVE
 - ⊙ EXISTING WATER VALVE
 - ⊙ EXISTING WATER TAP
 - ⊙ PROPOSED MANHOLE
 - ⊙ PROPOSED CATCH BASIN
 - ⊙ PROPOSED SITE HYDRANT
 - ⊙ HANDICAP PARKING SPACE
 - ⊙ PROPOSED SITE LIGHTING
 - ⊙ PROPOSED CLEAN OUT
 - 00.00 PROP TOP OF PAVEMENT GRADE (-900 FEET)
 - EXISTING ELEVATIONS
 - MAJOR STORM ROUTING
 - PROPOSED PONDING

PONDING VOLUME

INLET NO.	REQUIRED	AVAILABLE	POND ELEV.
CI# 2		△ 745 cf	922.00
CI# 3		△ 916 cf	922.00
CI# 4		1,760 cf	922.50
CB# 5		2,640 cf	922.70
CI# 6		△ 450 cf	921.00
CI# 7		250 cf	922.00
CI# 8		225 cf	922.50
TOTALS	6,970 cf	6,986 cf	

⊙ CURVE DATA
 D = 79'44'42"
 R = 360'
 T = 300.71'
 L = 501.05'

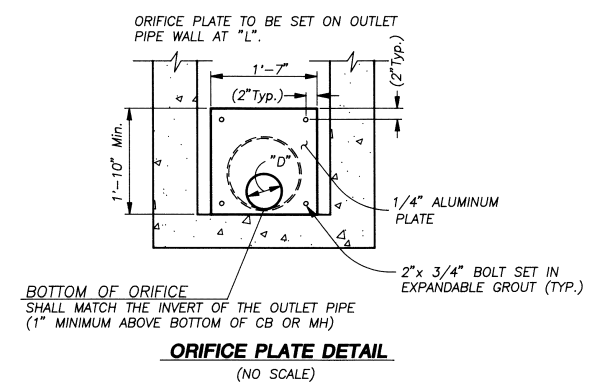
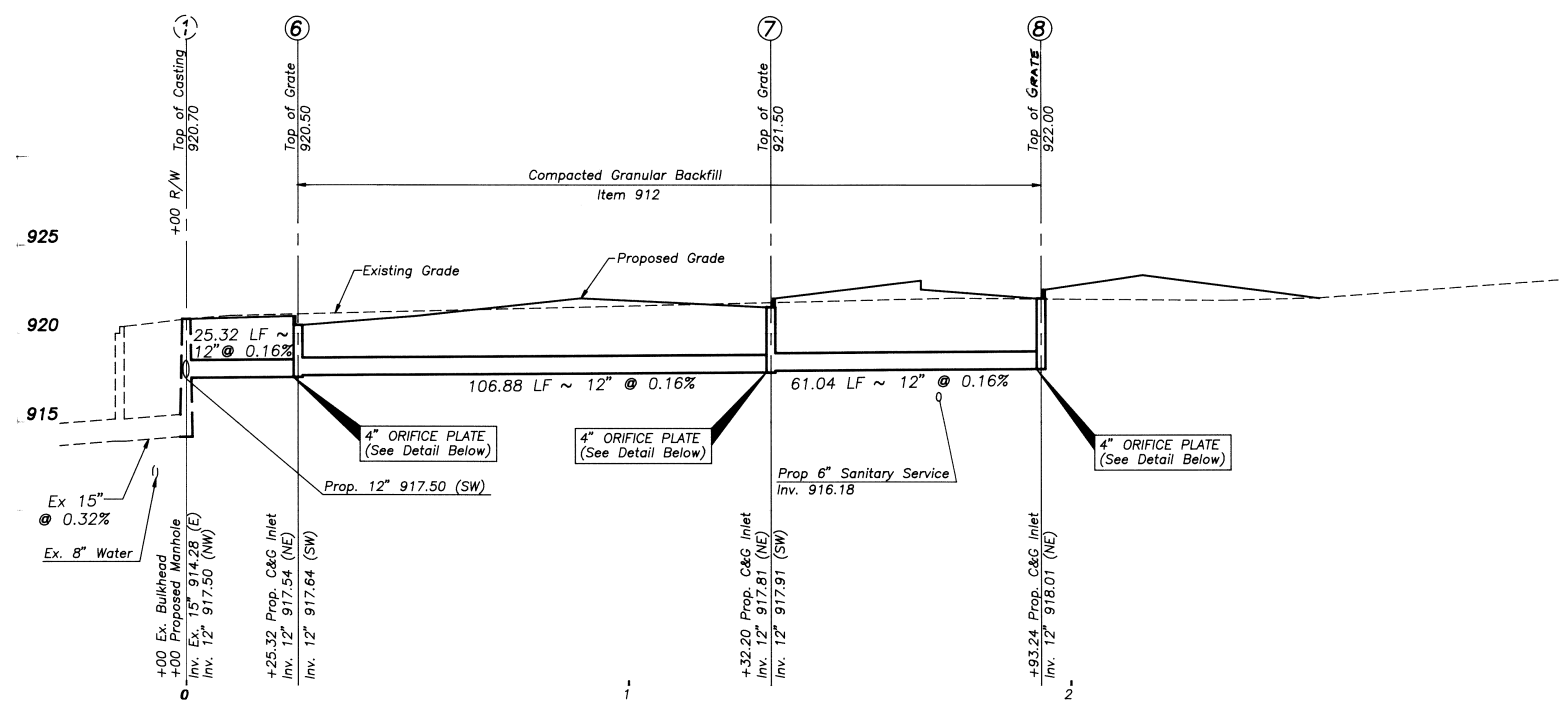
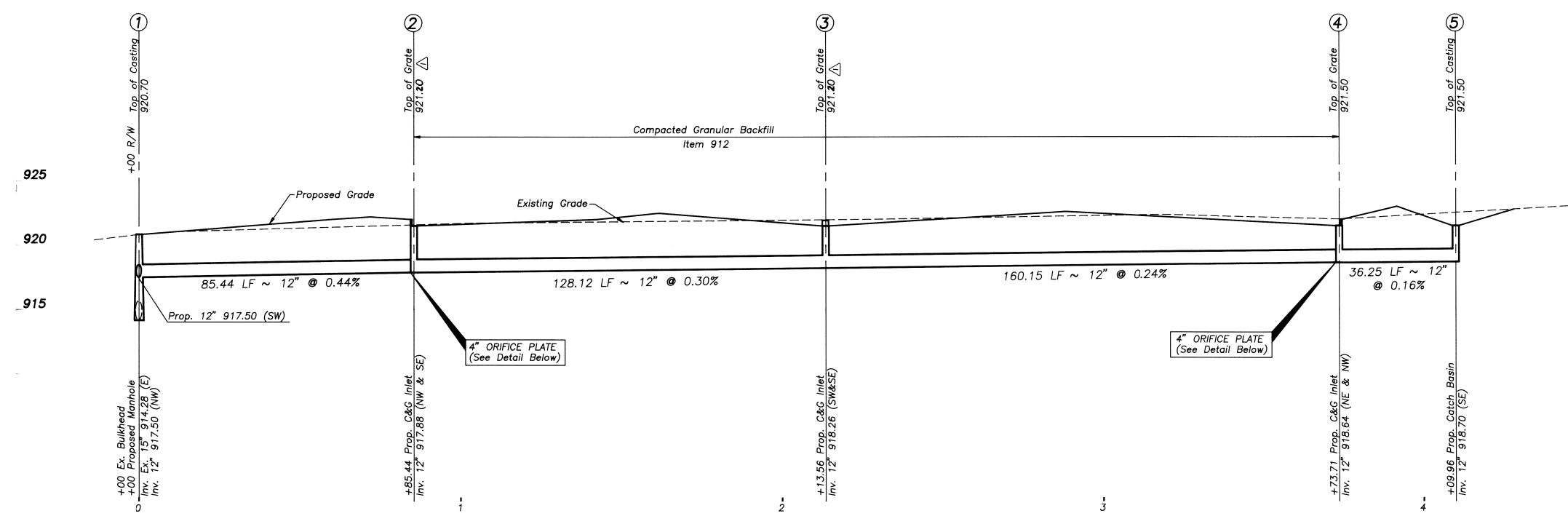
BENCHMARK
 NORTH BOLT OF
 FIRE HYDRANT
 ELEVATION - 923.73

BP OIL COMPANY
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DESIGNED	JMR 10/94
DRAWN	CHECKED
LRG	CAM
PROJECT NO.	655-07
DRAWING NO.	65507STM.DWG
SCALE	
HORIZ: 1" = 20'	
VERT:	
DATE	REVISION
4-95	1 Tank Pave, Rebuilding, TG & Storm ELEV
	2 Utility Review Approved
	3 By KSB & ACC
	4-95
	5 Added Water Serv
SHEET TITLE	
STORM, GRADING & PLAN	
SHEET No.	
2 of 4	





ORIFICE LOCATION "L"	ORIFICE DIAMETER "D"
CI # 2	4"
CI # 4	4"
CI # 6	4"
CI # 7	4"
CI # 8	4"



BP OIL COMPANY
AVERY ROAD AND PERIMETER LOOP ROAD
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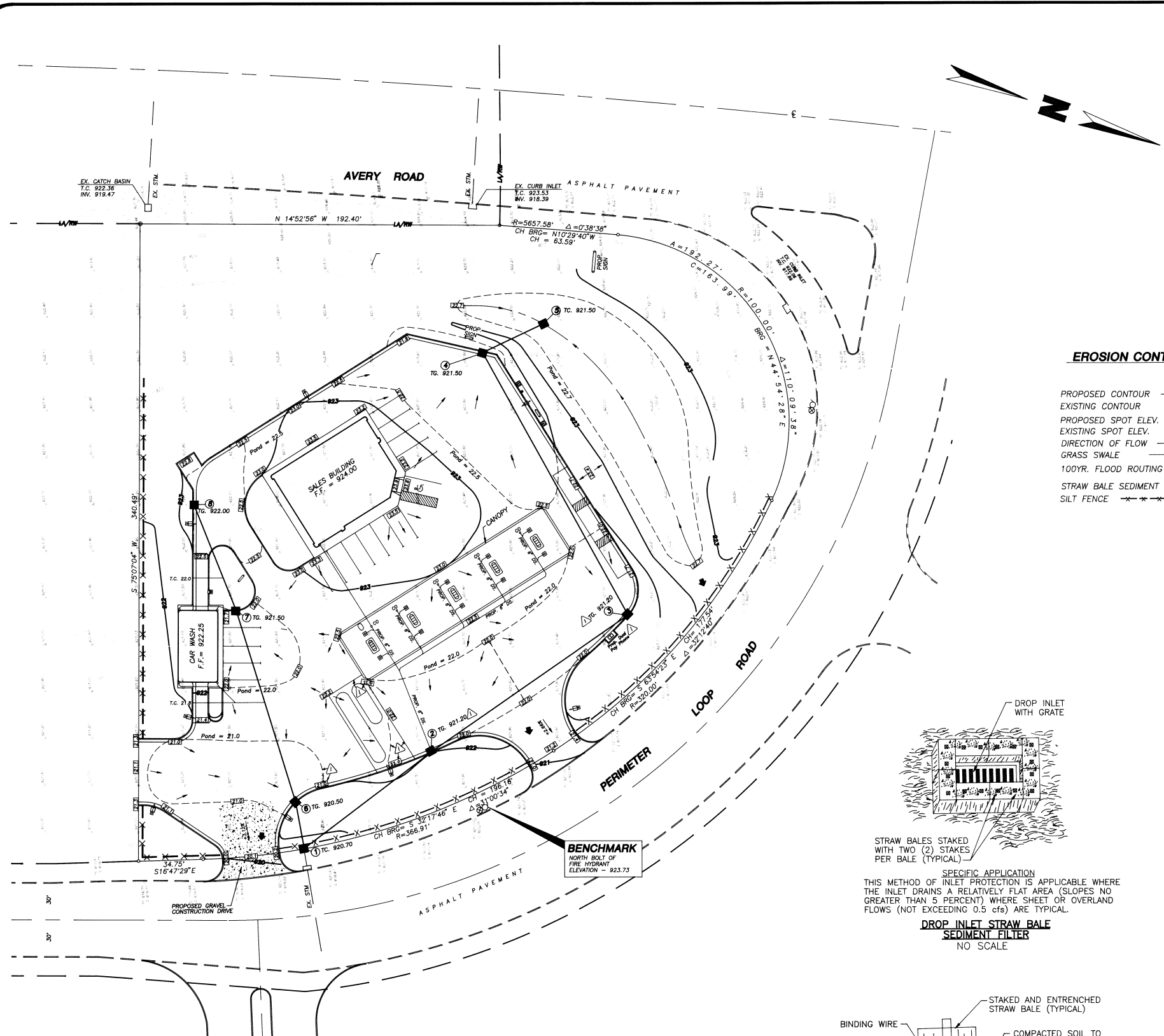
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DESIGNED	JMR 10/94
DRAWN	CHECKED
LRG	CAM
PROJECT NO.	655-07
DRAWING NO.	65507PRO.DWG
SCALE	
HORZ:	1" = 20'
VERT:	1" = 5'

DATE	REVISION
4-95	T.C. for C.I. 2 & C.I. 3/4
7/95	Revised Approval by R.B. P. Jr.

SHEET TITLE
STORM SEWER PROFILES
 SHEET No.
3 of 4

PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
 REGISTERED NUMBER 07348
 Old Index No. Page 4 of 4
 PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
 REGISTERED NUMBER 07348
 PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
 REGISTERED NUMBER 07348
 PLAN-HOLD CORPORATION • IRVINE, CALIFORNIA
 REGISTERED NUMBER 07348



EROSION CONTROL NOTES

- PROPOSED CONTOUR ——— 975 ———
- EXISTING CONTOUR ——— 975 ———
- PROPOSED SPOT ELEV. [21.00]
- EXISTING SPOT ELEV. [21.00]
- DIRECTION OF FLOW →
- GRASS SWALE →
- 100YR. FLOOD ROUTING →
- STRAW BALE SEDIMENT FILTER ■
- SILT FENCE * * * * *

EROSION CONTROL NOTES

SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 TO DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PERPENDICULAR TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.

THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE END BALES ARE HIGHER ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE (FIGURE 3) TO ASSURE THAT SEDIMENT-LADEN RUNOFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER, BUT NOT AROUND IT.

STRAW BALES MAINTENANCE

STRAW BALE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALLS.

CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED STRAW BALES, END RUNS, AND UNDERCUTTING BENEATH STRAW BALES.

NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF STRAW BALES SHALL BE ACCOMPLISHED PROMPTLY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF (1/2) THE HEIGHT OF THE BARRIER.

ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALES ARE NO LONGER REQUIRED SHALL BE GRADED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

SILT FENCES AND FILTER BARRIERS MAINTENANCE

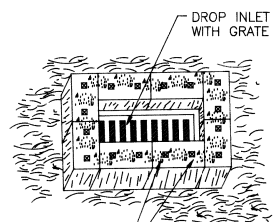
SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALLS.

NECESSARY REPAIRS TO THE SILT FENCE AND FILTER BARRIERS SHALL BE ACCOMPLISHED IMMEDIATELY.

SHOULD THE FABRIC ON A SILT FENCE OR BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIERS IS STILL REQUIRED, THE FABRIC SHALL BE REPLACED IMMEDIATELY.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF (1/2) THE HEIGHT OF THE BARRIER.

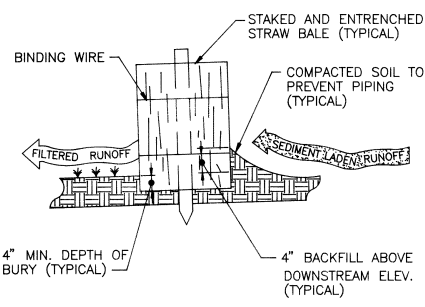
ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALES ARE NO LONGER REQUIRED SHALL BE GRADED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.



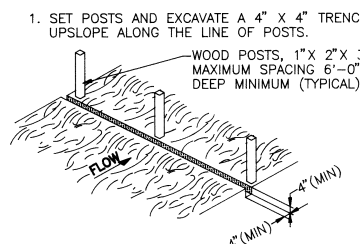
STRAW BALES STAKED WITH TWO (2) STAKES PER BALE (TYPICAL)

SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (SLOPES NO GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 0.5 cfs) ARE TYPICAL.

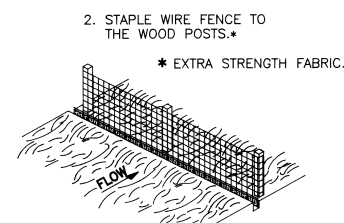
DROP INLET STRAW BALE SEDIMENT FILTER
NO SCALE



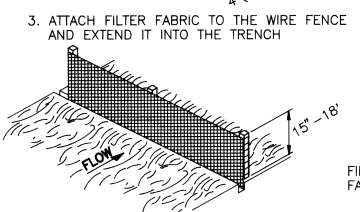
TYPICAL CROSS-SECTION OF PROPERLY INSTALLED STRAW BALE SEDIMENT FILTER
NO SCALE



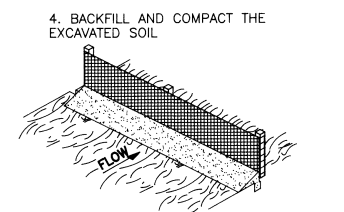
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



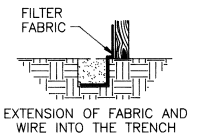
2. STAPLE WIRE FENCE TO THE WOOD POSTS. * EXTRA STRENGTH FABRIC.



3. ATTACH FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH



4. BACKFILL AND COMPACT THE EXCAVATED SOIL



TYPICAL FILTER BARRIER CONSTRUCTION DETAIL
NO SCALE

ESTIMATE OF QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
207	1980	L.F.	Filter Fabric Fence
207	64	Ea.	Straw or Hay Bales

QUANTITIES LISTED ABOVE ARE ESTIMATES ONLY AND ARE SUBJECT TO REVISIONS DURING CONSTRUCTION. THE CONTRACTOR IS DIRECTED TO VERIFY ALL QUANTITIES PRIOR TO SUBMITTING HIS BID.



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DESIGNED	JMR 10/94
DRAWN	LRG
CHECKED	CAM
PROJECT NO.	655-07
DRAWING NO.	65507ERO.DWG
SCALE	HORZ: 1" = 30'
VERT:	
REVISION	4-95
DATE	4/14/95
SHEET TITLE	
SOIL EROSION CONTROL	
SHEET No. 4 of 4	