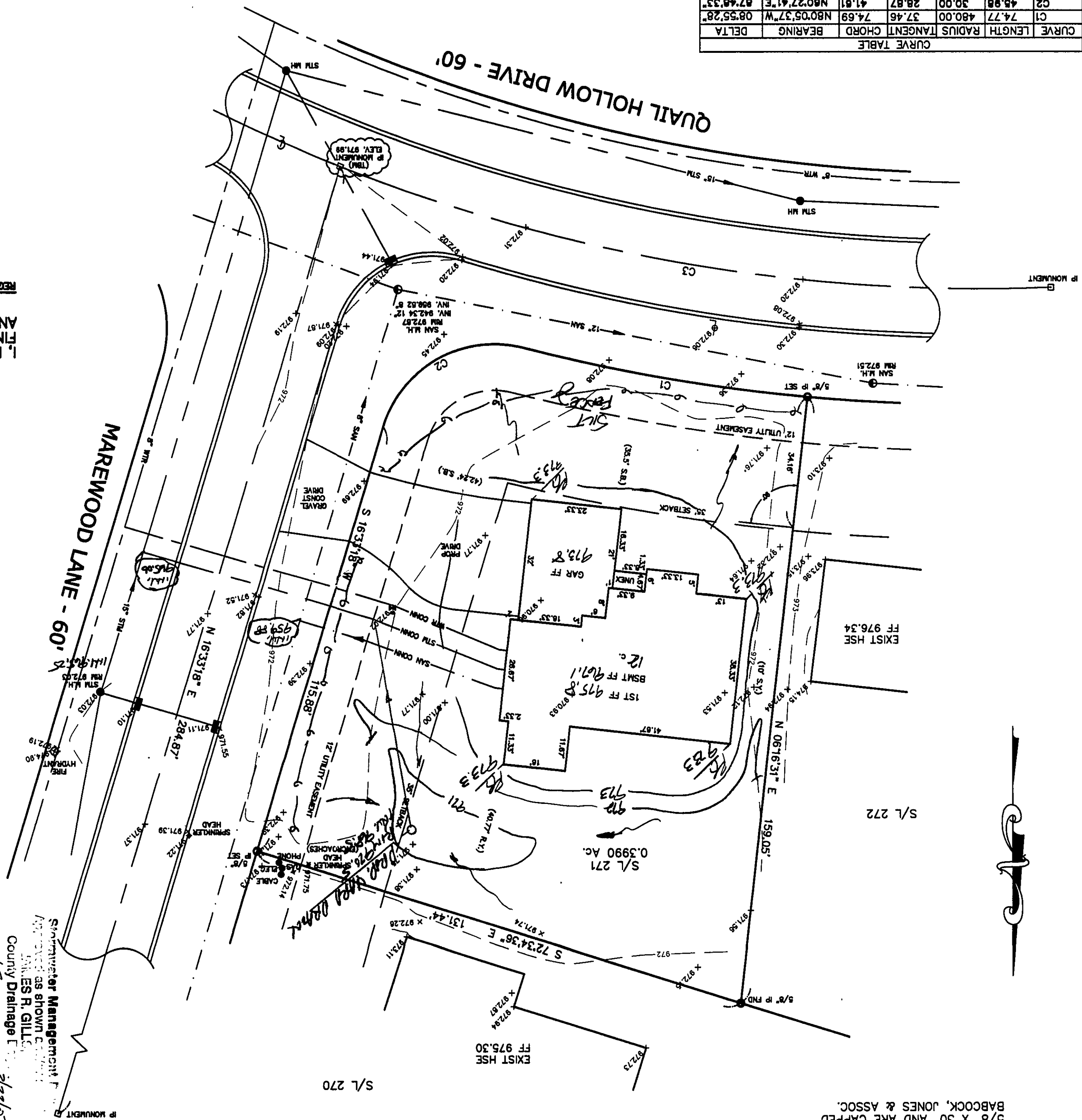


CURVE TABLE			
CURVE	LENGTH	RADIUS	TANGENT CHORD
C1	74.77	480.00	37.46
C2	45.98	30.00	28.87
C3	188.12	450.00	95.45
			186.75
			N80°15'09"W
			23°57'06"
			87°48'33"
			N80°05'37"W
			08°55'28"
			DELTA
			BEARING

NOTE: ALL IRON PINS SET ARE
5/8" X 30" AND ARE CAPPED
BABCOCK, JONES & ASSOC.



Submitted for Management Review by
 Approved as shown by _____
 JAMES R. GILL
 County Drainage Engineer
 By _____
 Date 3/22/07

SITE PLAN

CONCORD TOWNSHIP, LAKE COUNTY, OHIO

ADDRESS	STREET	CITY	ZIP
SECTION 9 TOWNSHIP 48-N RANGE 32-W	NAME	TRACT	STREET
SUBMISSION	VOL-32	LOT	STREET
271	VOL-16		STREET
SUBLOT NO.	STREET	VOL-16	PERM. PARCEL NO.

LEGEND

AS BUILT ELEVATION
INDICATES DIRECTION OF SURFACE DRAINAGE

REMARKS

ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED
SUBMISSION PLAT OR OTHER PUBLIC RECORDS)

LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM
LAKE COUNTY HEALTH DEPARTMENT

DESIGN CERTIFICATION


THIS PLAT WAS PREPARED BY ME, AND IS CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME WILLIAM J. WILSON SURNAME WILSON DATE 11/1/60

CHECK LIST

ISOLATION RADIIUS FROM WELL
WELL LOCATION
SEPTIC TANK LOCATION & DUPLICATION AREA
AS LINE LOC. SIZE PRESSURE
PUMP TYPE GRADE CURVES
STORM INL. CAST. ELEV. INV. ELEV.
STORM SEWER SIZE IS OR. LOC.
SAN. CONN. SIZE LOC. DEPTH
SAN. INL. CAST. ELEV. INV. ELEV.
SAN. SEWER SIZE IS OR. LOC.
WATER MAIN SIZE, LOCATION

REVISIONS		DATE		BY	
NO.	1	DATE	5/10/07	BY	HT
NO.	2	DATE	10/26/07	BY	HT
NO.	3	DATE		BY	
NO.	4	DATE		BY	
NO.	5	DATE		BY	



BABCOCK JONES & ASSOCIATES, INC.

MANASSAS, OHIO

PLAN PREPARED BY:

SCALE 1"=20'

PHONE NO. 440-357-1811

DRAWING NO. 03-238-271

DATE 1/10/07

APP'D H.J.

CHECK'D H.J.

DATE 1/10/07

DESIGN BY W.B.

DATE 1/10/07

"AS BUILT" CERTIFICATION
I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING
FINISH GRADES CHECKED IN THE FIELD ON _____, 20____
AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED SURVEYOR

TBM - IP MONUMENT
ELEV - 971.99

Diagram illustrating the proposed and as-built conditions for a four-lane highway cross-section. The central box represents the proposed section, with dimensions and labels for each lane and the overall structure.

Proposed Section Dimensions (Left to Right):

- AS-BUILT (Left side)
- PROPOSED (Right side)
- FF (Finished Floor) lane: 715.8'
- BSMT (Base of Subgrade) lane: 967.1'
- OAR (Outside of Right-of-Way) lane: 873.8'
- NEAR (Near) lane: 873.8'

Proposed Section Labels:

- AS-BUILT (Left side)
- PROPOSED (Right side)

As-Built Section Dimensions (Left to Right):

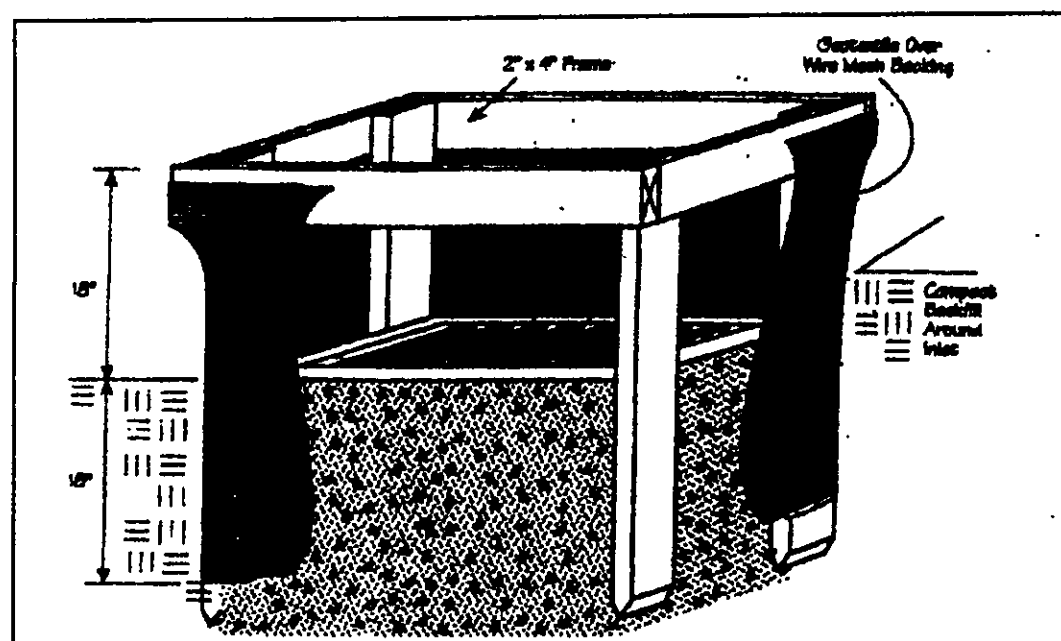
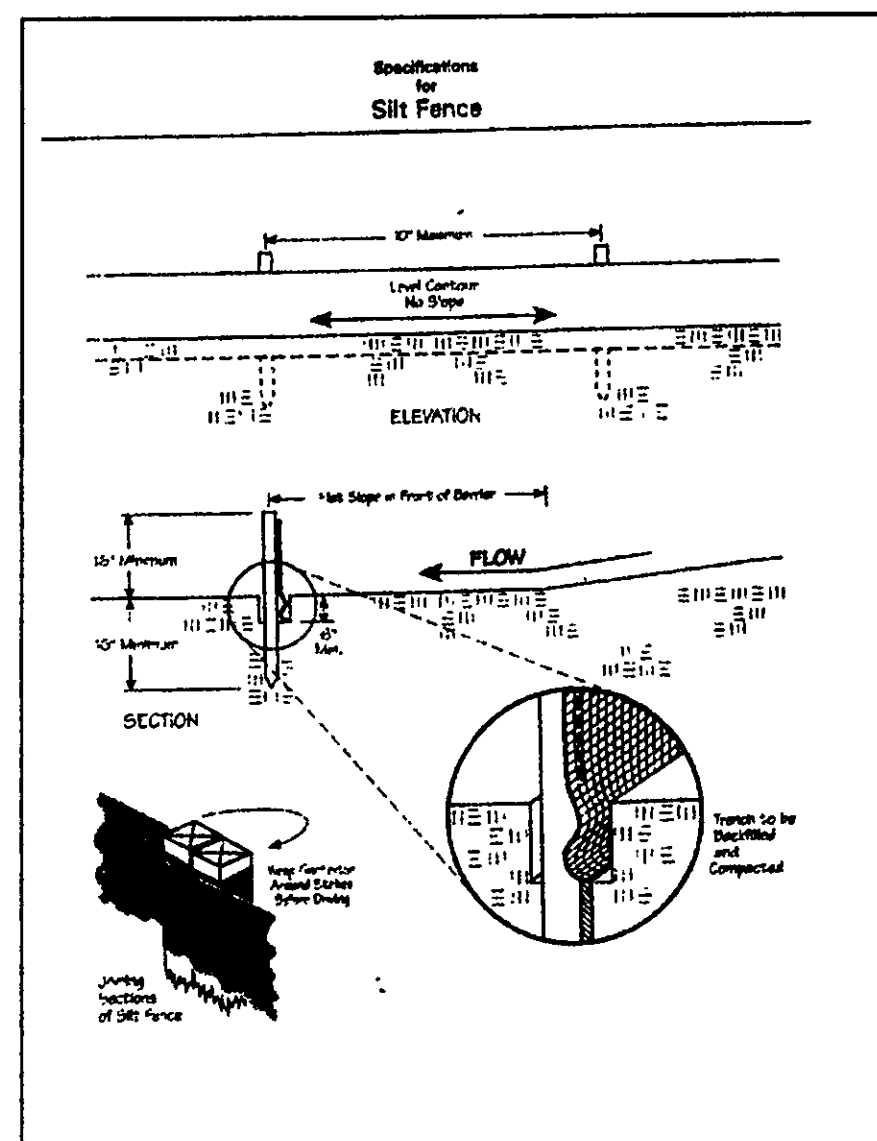
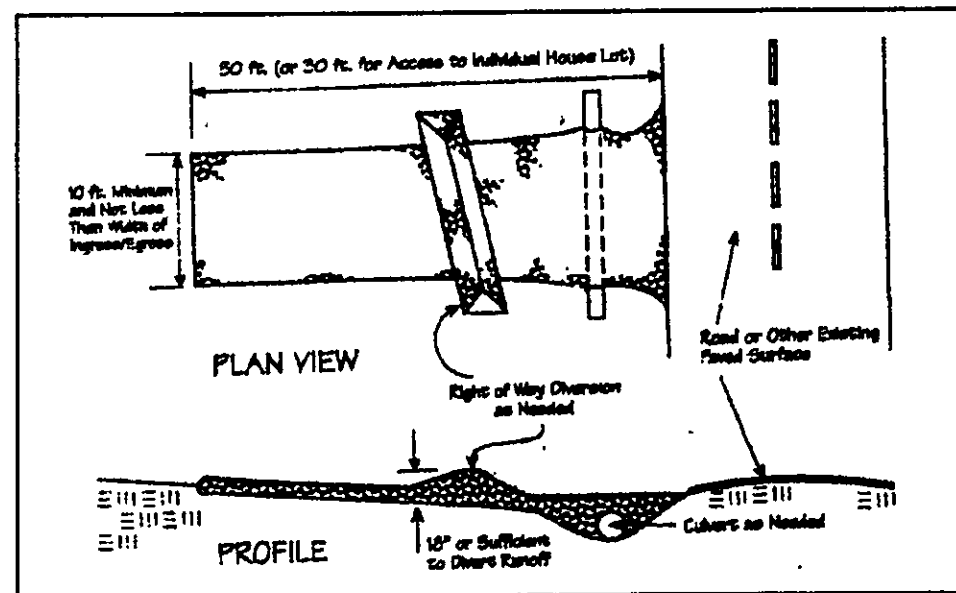
- AS-BUILT (Left side)
- PROPOSED (Right side)
- FF (Finished Floor) lane: 715.8'
- BSMT (Base of Subgrade) lane: 967.1'
- OAR (Outside of Right-of-Way) lane: 873.8'
- NEAR (Near) lane: 873.8'

As-Built Section Labels:

- AS-BUILT (Left side)
- PROPOSED (Right side)



EXISTING UTILITIES NOTE:
OF THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL
OBTAINED BY A SEARCH OF AVAILABLE RECORDS.
WHEREAS FIELD OBSERVATION HAS BEEN CONDUCTED
WHEREAS PACIFIC POWER, BARBOCK, JONES AND ASSOCIATES
INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY
THEREOF.



Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Oats	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
August 16 to November 1	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
November 1 to Spring Seeding	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.

Erosion and Sediment Control Schedule

Ingress-Egress

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

Silt Fence

A silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding

Disturbed areas of the site that are to remain idle for more than twenty one(21) days shall be properly seeded and straw mulched within seven(7) days of completion of initial grading. Temporary seeding and mulching as a thirty(30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

Stabilization of critical areas within fifty(50) feet of any stream or wetland shall be complete within two(2) days of the disturbance. If the site is to remain inactive for longer than fourteen(14) days.

Mulching

Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty(30) feet to the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Maintenance

Erosion and sediment controls shall be inspected every seven(7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

"I, the undersigned hereby certify that this topography indicated by 6", 1', or 2' contours, and elevations shown hereon represent an actual field survey made by me on the 8th day of Jan, 2017 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

Harry Jones #6343
Name Reg. No.

2/2

CONCORD TOWNSHIP, LAKE COUNTY, OHIO
for: D.B. DEVELOPMENT

CLIENT OWNER
ADDRESS STREET CITY ZIP
SUBDIVISION 46-83 NAME TRACT
271 VOL-PG. MAPSHEET LOT STREET
SUBLOT NO. STREET VOL-PG. PERM. PARCEL NO.

LEGEND
SANITARY MANHOLE --- ①
STORM MANHOLE --- ②
INLET OR CATCH BASIN --- ③
HYDRANT --- ④
EXISTING CONTOURS --- ---
PROPOSED CONTOURS --- ---
EXIST. ELEV. 5=100.0
100.0 ± 2 PROP. ELEV.
AS BUILT ELEVATION
INDICATES DIRECTION OF SURFACE DRAINAGE

REMARKS
ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)
LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT

DESIGN CERTIFICATION
THIS PLAT WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
NAME Harry Jones #6343
REGISTERED SURVEYOR REGISTRATION NO.

CHECK LIST
NO. OF BEDROOMS
DIMENSIONS
BEARINGS
TIE TO NEAREST STREET
SUBLOT NO. PARCEL NO.
SURROUNDING OWNERS
BLDG. DIMENSIONS FIN OR.
BLDG. TIE PLY. GRADES
APRON TYPE WIDTH THICKNESS
SIDEWALK TYPE WIDTH THICKNESS
CULVERT TYPE DIA. LENGTH
ROCK OUTCROPPINGS
WATER MAIN SIZE, LOCATION
SAN. SEWER SIZE & OR. LOC.
SAN. MFL. CAST. ELEV. INV. ELEV.
SAN. CONN. SIZE, LOC. DEPTH
STORM SEWER SIZE & OR. LOC.
STORM MFL. CAST. ELEV. INV. ELEV.
PAV'T TYPE GRADE CURBS
GAS LINE LOC. SIZE PRESSURE
SEPTIC TANK LOCATION & DUPLICATION AREA
WELL LOCATION
ISOLATION RADIUS FROM WELL

REVISIONS
NO. DATE BY
1 3/1/07 HJ
2
3
4
5
PLAN PREPARED BY:
BABCOCK JONES & ASSOCIATES, INC.
PARADEVILLE, OHIO
DRAWN BY SCALE PHONE NO. 440-397-1811
CHK'D. DATE 11/1/17 DRAWING NO.
CHK'D. APP'D. 1/1/17 03-236-271

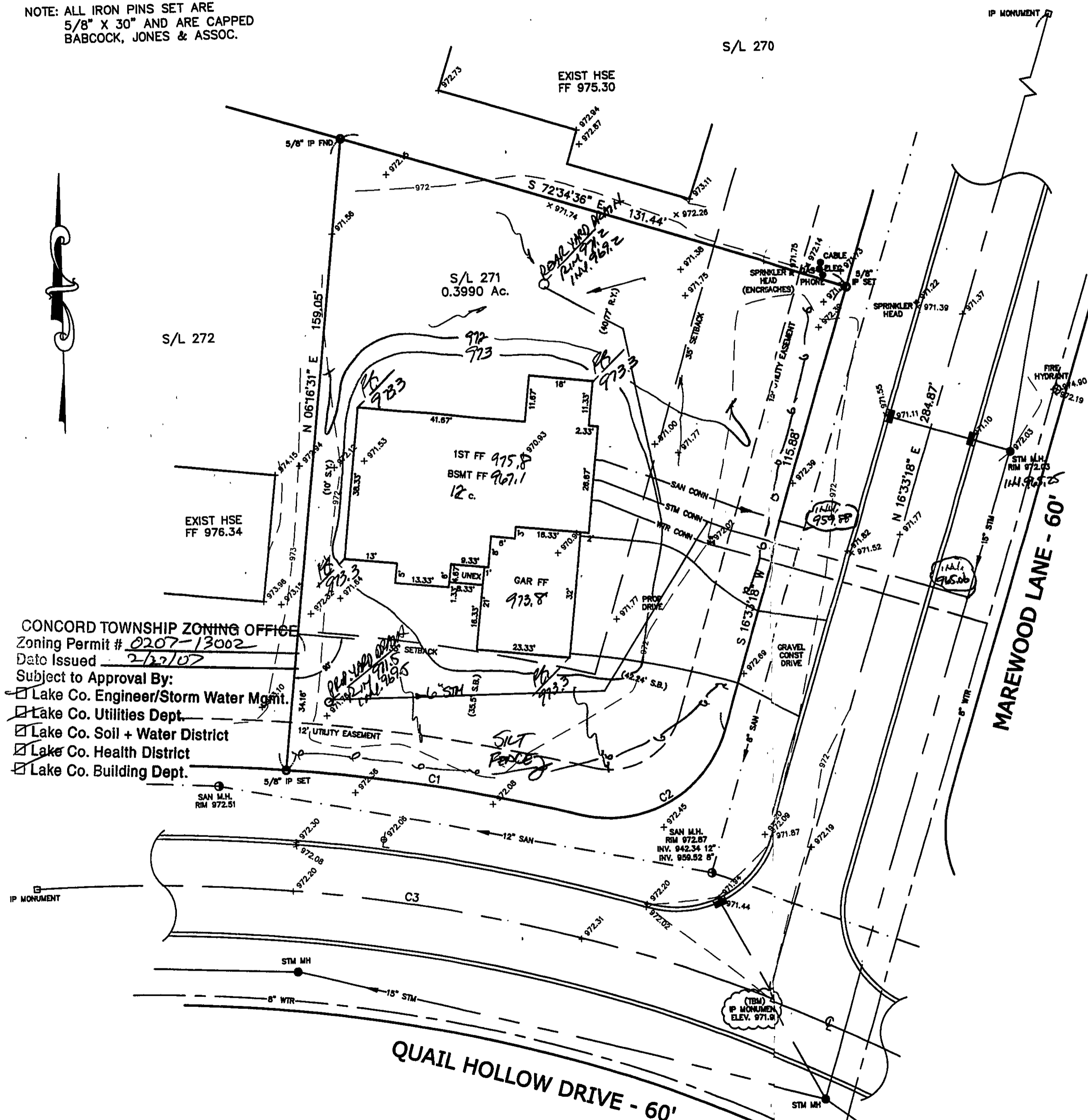
"AS BUILT" CERTIFICATION
I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING FINISH GRADES CHECKED IN THE FIELD ON _____, 20____ AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED SURVEYOR REG. NO.

EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.



NOTE: ALL IRON PINS SET ARE
5/8" X 30" AND ARE CAPPED
BABCOCK, JONES & ASSOC.



CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 0207-13002
Date Issued 2/22/07
Subject to Approval By:
☒ Lake Co. Engineer/Storm Water Mgmt.
☒ Lake Co. Utilities Dept.
☒ Lake Co. Soil + Water District
☒ Lake Co. Health District
☒ Lake Co. Building Dept.

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	74.77	480.00	37.46	74.69	N80°05'37"W	08°55'28"
C2	45.98	30.00	28.87	41.61	N80°27'41"E	87°48'33"
C3	188.12	450.00	95.45	186.75	N80°15'09"W	23°57'06"

1/2

SITE PLAN

CONCORD TOWNSHIP, LAKE COUNTY, OHIO

for: DNS DEVELOPEMENT

ADDRESS		STREET	CITY	ZIP
QUAIL HOLLOW 9				
SUBDIVISION	NAME	TRACT	STREET	
48-32				
271	VOL-16	MAREWOOD LANE	LOT	
SUBLOT NO.	STREET	VOL-16	PERM. PARCEL NO.	

LEGEND

SANITARY MANHOLE	---○---	EXIST. ELEV. 975.88	1000.0 ± 2	PROP. ELEV.
STORM MANHOLE	---●---	AS BUILT ELEVATION		
INLET OR CATCH BASIN	---□---	INDICATES DIRECTION OF SURFACE DRAINAGE		
HYDRANT	---◇---			
EXISTING CONTOURS	---○---			
PROPOSED CONTOURS	---○---			

REMARKS

ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)
LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT

DESIGN CERTIFICATION

THIS PLAT WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME Harry Jones SURVEYOR REGISTRATION NO. 6343

CHECK LIST

NO. OF BEDROOMS	WATER MAIN SIZE, LOCATION
DIMENSIONS	SAN. SEWER SIZE & OR. LOC.
BEARINGS	SAN. MH. CAST. ELEV. INV. ELEV.
TIE TO NEAREST STREET	SAN. CONN. SIZE, LOC. DEPTH
SUBLOT NO. PARCEL NO.	STORM SEWER SIZE & OR. LOC.
SURROUNDING OWNERS	STORM MH. CAST. ELEV. INV. ELEV.
BLDG. DIMENSIONS FIN OR.	PAV'T TYPE GRADE CURBS
BLDG. TIES FL'R. GRADES	GAS LINE LOC. SIZE PRESSURE
APRON TYPE WIDTH THICKNESS	SEPTIC TANK LOCATION & DUPLICATION AREA
SIDWALK TYPE WIDTH THICKNESS	WELL LOCATION
CULVERT TYPE DIA. LENGTH	ISOLATION RADIUS FROM WELL
ROCK OUTCROPPINGS	

REVISIONS			PLAN PREPARED BY:	
NO.	DATE	BY	BABCOCK · JONES & ASSOCIATES, INC.	
1	2/14/07	HJK	PAINESVILLE, OHIO	
2				
3			DRAWN BY B.P.	SCALE 1"=20'
4			CHK'D. H.J.	DATE 1/10/07
5			APP'D W.B.	PHONE NO. 440-357-1811
				DRAWING NO. 03-236-271

"AS BUILT" CERTIFICATION

I, HEREBY CERTIFY THAT THE CIRCLED GRADES ARE EXISTING FINISH GRADES CHECKED IN THE FIELD ON 2/20/07 AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED SURVEYOR REG. NO.

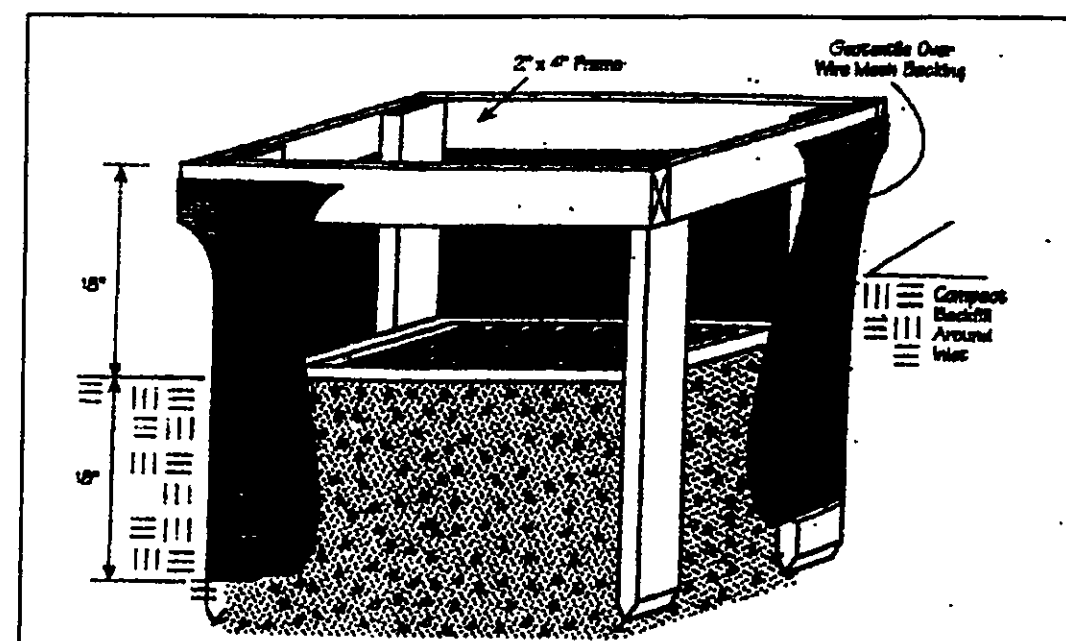
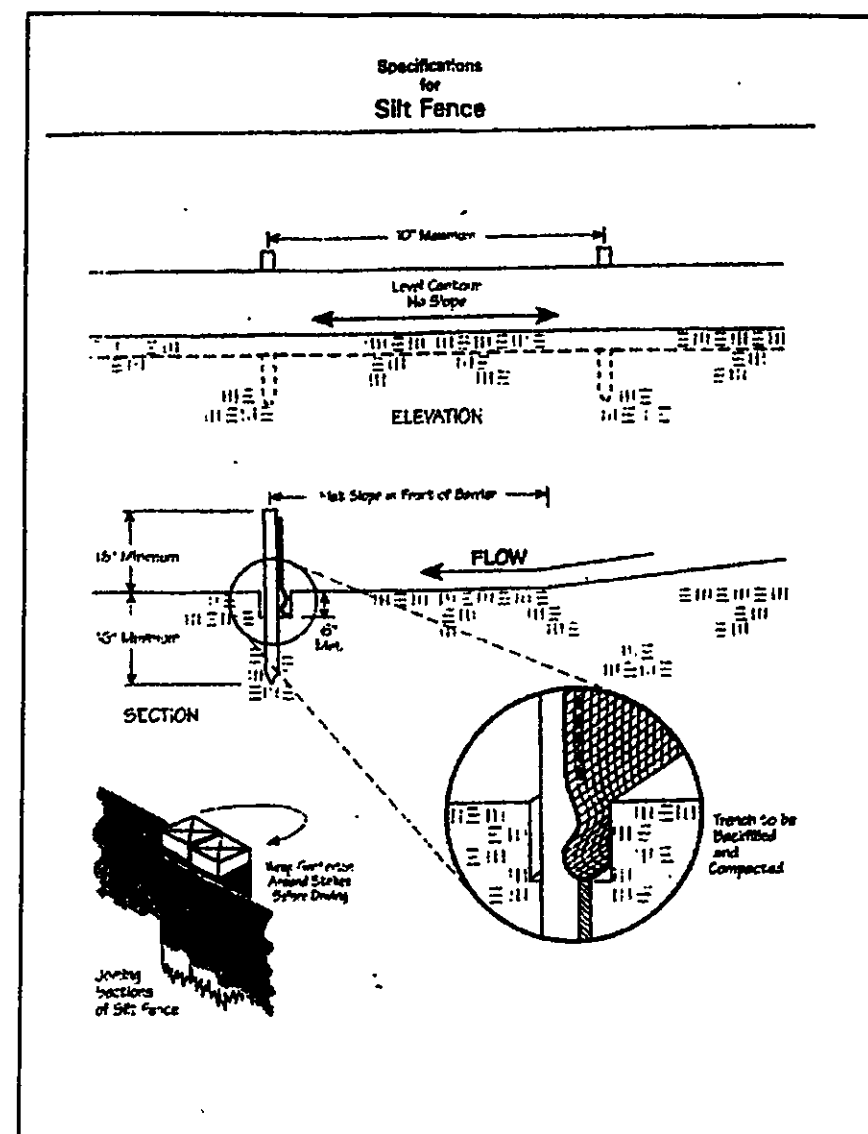
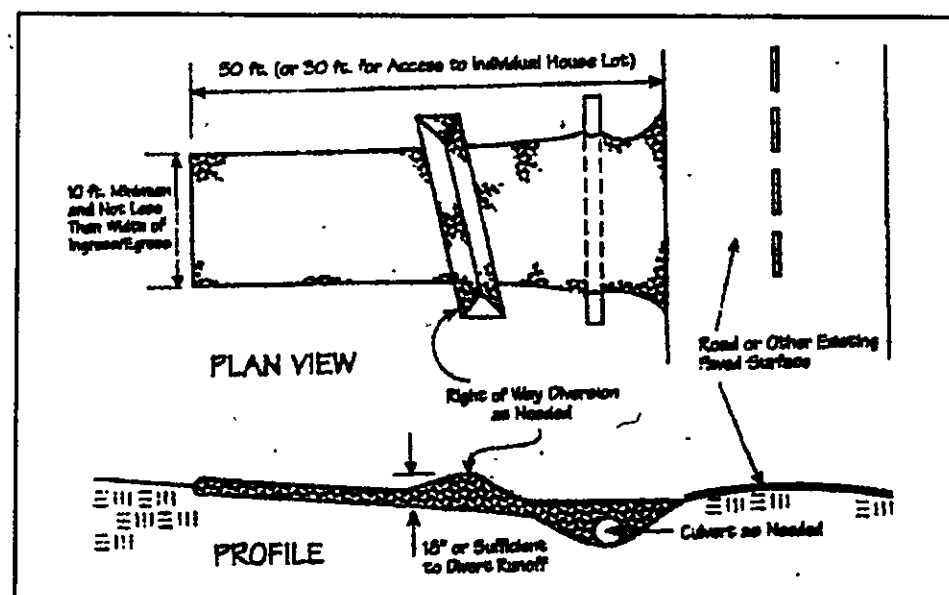
TBM - IP MONUMENT
ELEV - 971.99

FO AS-BUILT PROP. 973.3	FRONT	AS-BUILT PROP. 973.3	FO
PROPOSED		AS-BUILT	
975.8	FF		
967.1	BSMT		
973.8	GAR		
REAR		AS-BUILT PROP. 973.3	
FO AS-BUILT PROP. 973.3			FO

EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.



SEE REVISED DRAWING FOR SUBMITTER APPROVAL



Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Oats	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
November 1 to Spring Seeding	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.

Note: Other approved seed species may be substituted.

Erosion and Sediment Control Schedule

Ingress-Egress

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

Silt Fence

A silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding

Disturbed areas of the site that are to remain idle for more than twenty one(21) days shall be properly seeded and straw mulched within seven(7) days of completion of initial grading. Temporary seeding and mulching as a thirty(30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

Stabilization of critical areas within fifty(50) feet of any stream or wetland shall be complete within two(2) days of the disturbance if the site is to remain inactive for longer than fourteen(14) days.

Mulching

Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty(30) feet to the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

Maintenance

Erosion and sediment controls shall be inspected every seven(7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

"I, the undersigned hereby certify that this topography indicated by 6", 1', or 2' contours, and elevations shown hereon represent an actual field survey made by me on the 8th day of Jan, 2017 and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon."

Name Harry Jones #6343 Reg. No. 271

2/2

CONCORD TOWNSHIP, LAKE COUNTY, OHIO
for: D.B. DEVELOPMENT

ADDRESS STREET CITY ZIP
SUBDIVISION NAME TRACT
271 VOL-PA MAP 1000 LANE LOT STREET
SUBLOT NO. STREET VOL-PA FINAL PARCEL NO.

LEGEND	
SANITARY MANHOLE	--- (1) ---
STORM MANHOLE	--- (2) ---
INLET OR CATCH BASIN	--- (3) ---
HYDRANT	--- (4) ---
EXISTING CONTOURS	--- (5) ---
PROPOSED CONTOURS	--- (6) ---

REMARKS
ALL BOUNDARY DATA SHOWN WAS OBTAINED FROM (DEEDS, RECORDED SUBDIVISION PLAT OR OTHER PUBLIC RECORDS)
LOCATIONS AS SHOWN OF ADJACENT WELLS AND SEPTIC TANKS OBTAINED FROM LAKE COUNTY HEALTH DEPARTMENT

DESIGN CERTIFICATION
THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
NAME Harry Jones #6343 REGISTRATION NO. 271

CHECK LIST	
NO. OF BEDROOMS	WATER MAIN SIZE, LOCATION
DIMENSIONS	SAN. SEWER SIZE & OR. LOC.
NEARNESS	SAN. MH. CAST. ELEV. INV. ELEV.
TIE TO NEAREST STREET	SAN. CONN. SIZE, LOC. DEPTH
SUBLOT NO. PARCEL NO.	STORM SEWER SIZE & OR. LOC.
SURROUNDING OWNERS	STORM MH. CAST. ELEV. INV. ELEV.
BLDG. DIMENSIONS FIN OR.	PAV'T TYPE GRADE CURBS
BLDG. TIES P.L.Y. GRADES	GAS LINE LOC. SIZE PRESSURE
APRON TYPE WIDTH THICKNESS	SEPTIC TANK LOCATION & DUPLICATION AREA
SIDWALK TYPE WIDTH THICKNESS	WELL LOCATION
CULVERT TYPE DIA. LENGTH	ISOLATION RADIUS FROM WELL
ROCK OUTCROPPINGS	

REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		

PLAN PREPARED BY:
Bj BABCOCK · JONES & ASSOCIATES, INC.
PAINESVILLE, OHIO
DRAWN BY: SCALE: PHONE NO. 440-357-1811
CHK'D: DATE 1/10/17 DRAWING NO.
APP'D: 03-236-271

REGISTERED SURVEYOR

REG. NO.

EXISTING UTILITIES NOTE:
THE SIZE AND LOCATION, BOTH HORIZONTAL AND VERTICAL OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, BABCOCK, JONES AND ASSOCIATES INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

