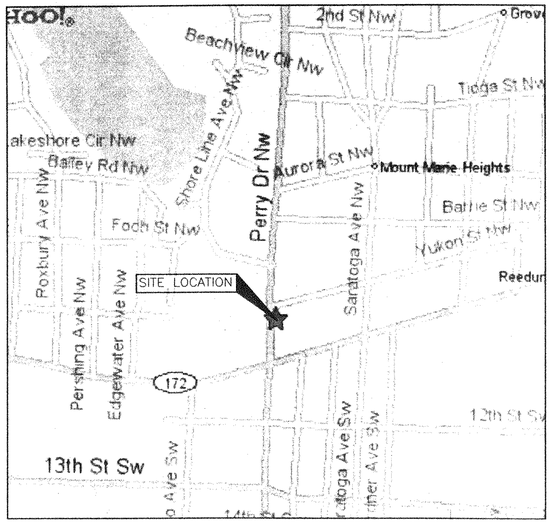

LOCATION MAP

SHEETZ
STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
NORTHEAST CORNER OF PERRY DRIVE
& LINCOLN STREET WEST
PERRY TOWNSHIP, OHIO

7-17-02

DESIGN DESIGNATION:

NONE REQUIRED

DESIGN EXCEPTIONS

NONE REQUIRED

DRAWING INDEX

	SHEET NO.	O.D.O.T. DWG. No.
TITLE SHEET	TS-1	1
DEMOLITION PLAN	D-1	2
GEOMETRIC PLAN	GM-1	3
SITE DETAILS	SD-1	4
SITE DETAILS	SD-2	5
SITE DETAILS	SD-3	6
GRADING PLAN	GR-1	7
STORM WATER POLLUTION PREVENTION NOTES & DETAILS	ER-1	8
UTILITY PLAN	UP-1	9
LANDSCAPING PLAN	L-1	10

PROJECT DESCRIPTION:

THE PROJECT INCLUDES THE INSTALLATION OF A RIGHT-IN & RIGHT-OUT ACCESS DRIVE ON LINCOLN STREET WEST (S.R. 172) AS PART OF THE SHEETZ GAS/CONVENIENCE STORE.

1997 SPECIFICATIONS:

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

APPROVALS:

DISTRICT DEPUTY DIRECTOR — DATE

DIRECTOR, DEPT. OF TRANSPORTATION — DATE

DARRIN KOTECKI, P.E. NO. 57418 — DATE

RECEIVED
OCT 8 2002
PERMIT OFFICE

UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS
MUST BE CALLED DIRECTLY

GPD ASSOCIATES
GUAY PULTE SCHEMER BURNS & DRUMM, INC.
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100 , Fax 330-572-2101

SHEETZ STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION
1	9/16/02	SHEETZ ADDED DRIVE

SHEETZ, INC.
CORNER OF PERRY DR. & LINCOLN ST. W.
PERRY TOWNSHIP, OHIO

TITLE SHEET

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

TS-1

SHEET 1

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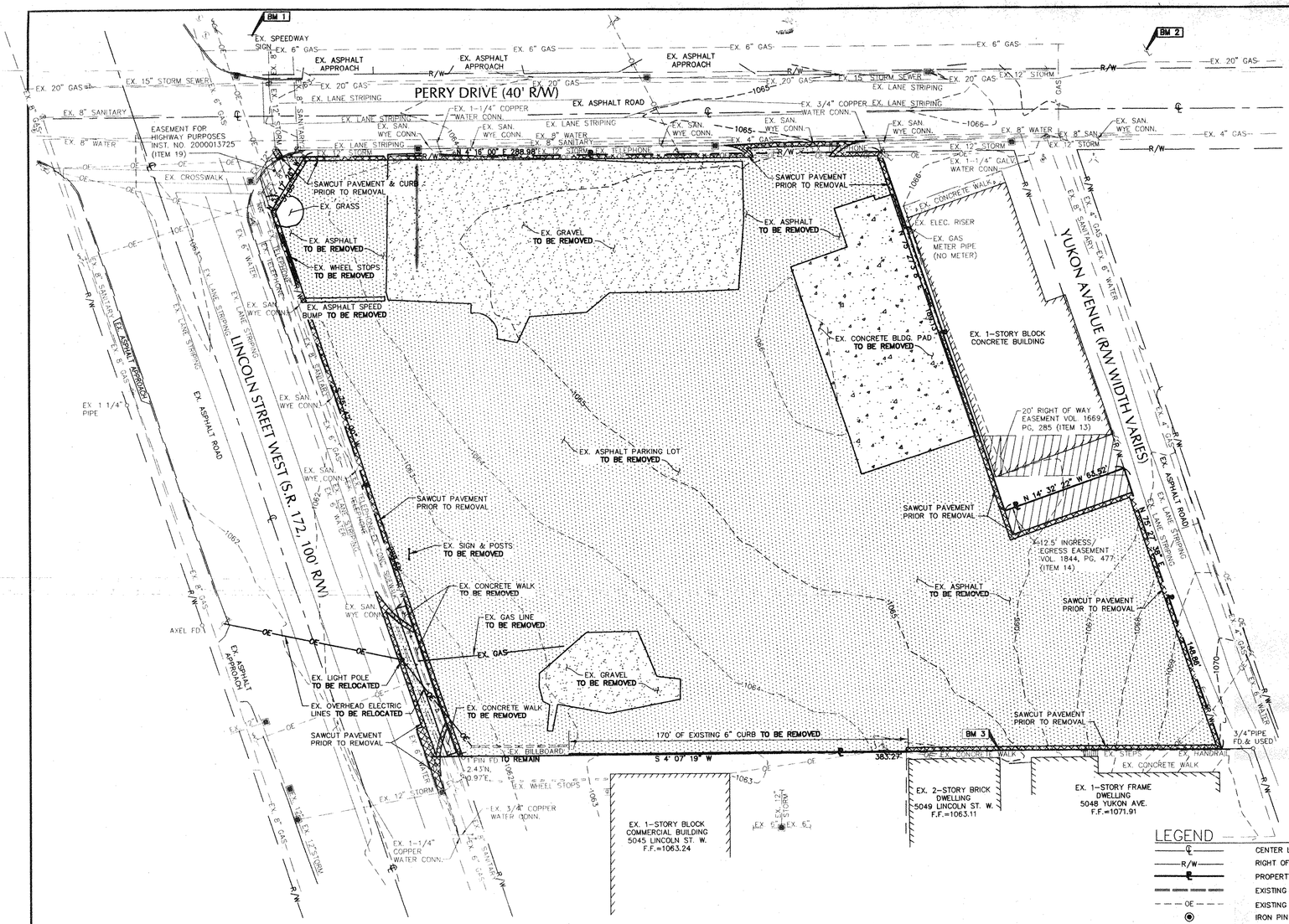

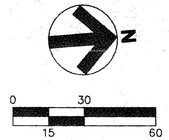

BENCHMARK 1: CHISELED "X" IN N.E. ANCHOR BOLT OF SPEEDWAY SIGN AT N.W. COR. OF PERRY DR. AND S.R. 172. ELEV.=1064.21

BENCHMARK 2: DRILL HOLE IN TOP E. SIDE OF CONC. LIGHT POLE BASE ON W. SIDE OF PERRY DR. IN ALDI PARKING LOT. ELEV.=1070.67

BENCHMARK 3: DRILL HOLE IN W. EDGE CONC. WALK OPPOSITE N.W. COR. OF 2-STORY BRICK HOUSE. ADDRESS 5049 S.R. 172. ELEV.=1064.96

UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS
MUST BE CALLED DIRECTLY

LEGEND

—℄—	CENTER LINE
—R/W—	RIGHT OF WAY LINE
	PROPERTY LINE
	EXISTING CURB TO REMAIN
— — OE — —	EXISTING OVERHEAD ELECTRIC TO REMAIN
	IRON PIN SET
	EXISTING IRON PIN FOUND AS NOTED
	EXISTING MONUMENT FOUND
	EXISTING POWER POLE TO REMAIN
	EXISTING POWER & TELEPHONE POLE TO REMAIN
	EXISTING ABANDONED POLE TO REMAIN
	EXISTING ELECTRIC METER TO REMAIN
	EXISTING SANITARY MANHOLE TO REMAIN
	EXISTING STORM MANHOLE TO REMAIN
	EXISTING WATER VALVE TO REMAIN
	EXISTING FIRE HYDRANT TO REMAIN
	EXISTING GAS VALVE TO REMAIN
	EXISTING GAS METER TO REMAIN
	EXISTING TELEPHONE MANHOLE TO REMAIN
	EXISTING CATCH BASIN TO REMAIN
—EX. TELEPHONE—	EXISTING TELEPHONE LINE TO REMAIN
EX. 8" SANITARY	EXISTING SANITARY SEWER TO REMAIN
EX. STORM	EXISTING STORM SEWER TO REMAIN
EX. WATER	EXISTING WATER LINE TO REMAIN
—EX. GAS—	EXISTING GAS LINE REMAIN
	EXISTING LIGHT POLE TO BE RELOCATED
—OE—	EXISTING OVERHEAD ELECTRIC TO BE RELOCATED
	EXISTING SIGN & POSTS TO BE REMOVED
	EXISTING CURB TO BE REMOVED
	EXISTING WHEEL STOPS TO BE REMOVED
—EX. GAS—	EXISTING GAS LINE TO BE REMOVED
— — 000 — —	EXISTING CONTOUR
	EXISTING ASPHALT PAVEMENT TO BE REMOVED
	EXISTING CONCRETE TO BE REMOVED
	EXISTING GRAVEL TO BE REMOVED
	SAWCUT EXISTING ASPHALT PRIOR TO REMOVAL

DEMOLITION NOTES

1. DEMOLITION INCLUDES THE FOLLOWING:
   A. DEMOLITION AND REMOVAL OF BUILDING PAD.
   B. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS.
   C. DISCONNECTING, CAPPING OR SEALING, AND ABANDONING SITE UTILITIES IN PLACE.
   D. DISCONNECTING, CAPPING OR SEALING, AND REMOVING SITE UTILITIES.
2. REMOVE: REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN.
3. REMOVE AND REINSTALL: REMOVE ITEMS INDICATED; CLEAN, SERVICE, AND OTHERWISE PREPARE THEM FOR REUSE; STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED.
4. EXISTING TO REMAIN: PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING DEMOLITION. WHEN PERMITTED BY THE ENGINEER, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING DEMOLITION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS.
5. CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE ENGINEER INDICATING THE FOLLOWING:
   A. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY.
   B. CONTINUATION OF UTILITY SERVICES.
   C. IDENTIFY AND ACCURATELY LOCATE CAPPED UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS.
6. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
7. ASBESTOS: IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER. CONTRACTOR SHALL CONTACT SHEETZ FOR NESHAP REPORT PRIOR TO DEMOLITION.
8. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED.
9. OBTAIN APPROVED BORROW SOIL MATERIALS OFF-SITE WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE ON-SITE.
10. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
    A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY ENGINEER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES.
11. UTILITY REQUIREMENTS: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE.
    A. ARRANGE TO SHUT OFF INDICATED UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL POLICY.
12. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING.
13. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
    A. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS.
14. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA.
    A. ERECT TEMPORARY PROTECTION, BARRICADES WHERE NECESSARY.
    B. PROTECT EXISTING SITE IMPROVEMENTS AND APPURTENANCES TO REMAIN.
15. EXPLOSIVES: USE OF EXPLOSIVES WILL NOT BE PERMITTED.
16. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
17. CLEAN ADJACENT BUILDINGS AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
18. BUILDING PAD DEMOLITION: DEMOLISH BUILDING PAD COMPLETELY AND REMOVE FROM THE SITE. USE METHODS REQUIRED TO COMPLETE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:
    A. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
    B. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS.
    C. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE.
19. BELOW-GRADE CONSTRUCTION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW-GRADE CONSTRUCTION, AS FOLLOWS:
    A. COMPLETELY REMOVE BELOW-GRADE CONSTRUCTION, INCLUDING FOUNDATION WALLS FOOTINGS, AND BELOW GRADE CONCRETE SLABS.
20. FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF BUILDINGS AND PAVEMENTS WITH SOIL MATERIALS ACCORDING TO REQUIREMENTS PER SOILS REPORT. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO FILLING ANY AREAS. CONTRACTOR SHALL CONTACT ENGINEER TO OBSERVE FILL PROCEDURES.
21. DAMAGES: PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTOR'S COST.
22. GENERAL: PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
23. BURNING: DO NOT BURN DEMOLISHED MATERIALS.
24. CONTRACTOR SHALL REMOVE ALL ASPHALT/CONCRETE PAVEMENT, CONCRETE CURB, STRUCTURES, LANDSCAPING, LIGHT POLES AND FOUNDATIONS, ETC. WITHIN THE PROPERTY LINE. CONTRACTOR SHALL REFER TO GRADING PLAN, AND UTILITY PLAN PRIOR TO DEMOLITION OPERATIONS.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILING A DEMOLITION NOTICE WITH THE OHIO EPA 10 DAYS PRIOR TO DEMOLITION.
26. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO ANY CONSTRUCTION PROCESS.

CLAUS PILE SCHOMER RUNG & DRYAVIG, INC.
GPD ASSOCIATES
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100 / Fax 330-572-2101

SHEET STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION

SHEETZ, INC.
CORNER OF PERRY DR. & LINCOLN ST. W.
PERRY TOWNSHIP, OHIO

DEMOLITION PLAN

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

D-1

SHEET 2

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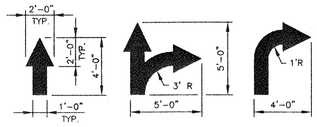
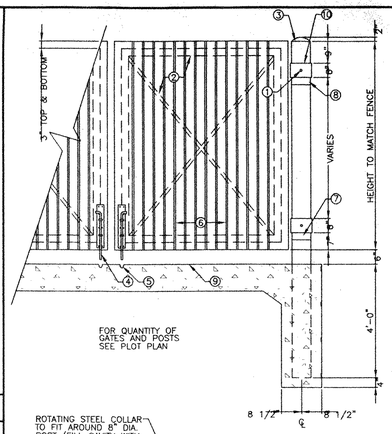
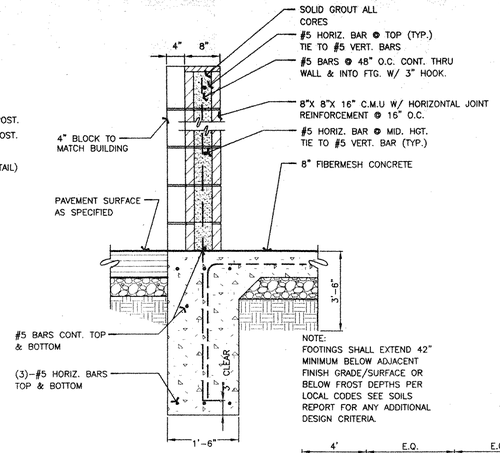


PAINTED TRAFFFIC ARROWS N.T.S. 11



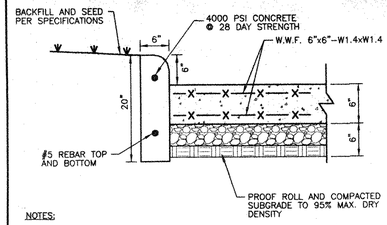
① HYDRAULIC MALE GREASE FITTING.
② 2"x2"x3/16" RECTANGULAR STEEL TUBE FRAME WITH DIAGONAL BRACING.
③ 8" DIA. SCHED. 40 STEEL POST FILL WITH CONCRETE.
④ CANE BOLTS (SEE DETAIL BELOW).
⑤ GALV. SLEEVES (EMBEDDED IN CONC.)
⑥ 1"x6" WHITE VINYL SLATS.
⑦ STATIONARY STEEL COLLAR WELDED TO POST.
⑧ STATIONARY STEEL COLLAR BOLTED TO POST.
⑨ CONCRETE PAD (SEE PLOT PLAN)
⑩ ROTATING STEEL COLLAR (SEE HINGE DETAIL)

FRONT ELEVATION OF GATE



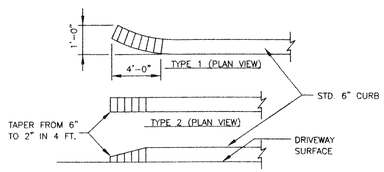
NOTE:
FOOTINGS SHALL EXTEND 42" MINIMUM BELOW ADJACENT FINISH GRADE/SURFACE OR BELOW FROST DEPTHS PER LOCAL CODES SEE SOILS REPORT FOR ANY ADDITIONAL DESIGN CRITERIA.

SECTION "A–A"



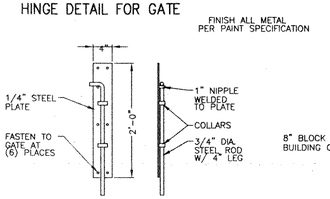
NOTES:
1. ALL CONCRETE TO BE 4000 P.S.I. @ 28 DAY P.C.C. TYP.
2. PROVIDE EXPANSION JOINTS @ 20'–0" O.C.
3. CONSTRUCTION JOINTS @ 5'–0" O.C. (10'–0" ON CURB).

CONCRETE PAVEMENT & CURB N.T.S. 1 & 2



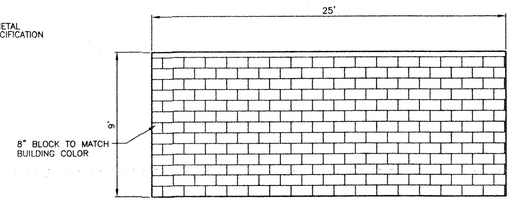
TYPICAL ELEVATION

STANDARD CURB NOSING N.T.S. 15

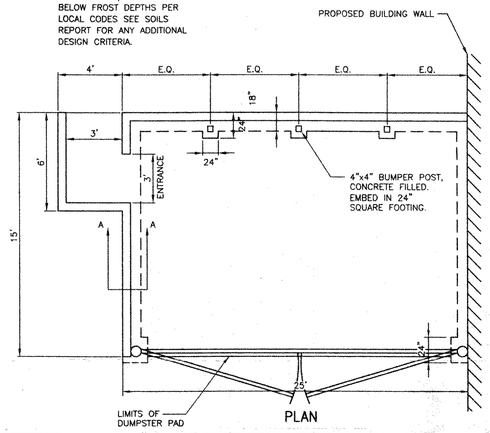


HINGE DETAIL FOR GATE

CANE BOLT DETAIL FOR GATE

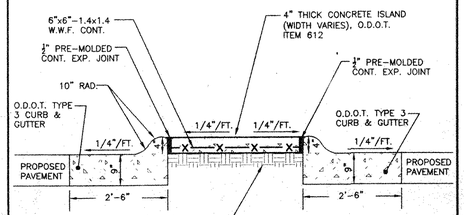


ELEVATION



PLAN

DUMPSTER ENCLOSURE DETAILS N.T.S. 6



NOTES:
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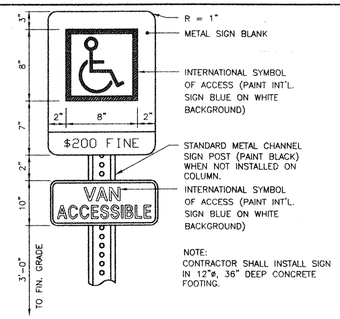
2. PROVIDE EXPANSION JOINTS @ 20'–0" O.C.
3. CONSTRUCTION JOINTS @ 5'–0" O.C. (10'–0" ON CURB).

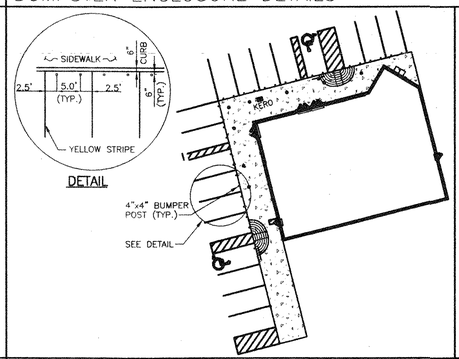
N.T.S.

CONC. PAVEMENT& 6"x18"CURB 2a & 41

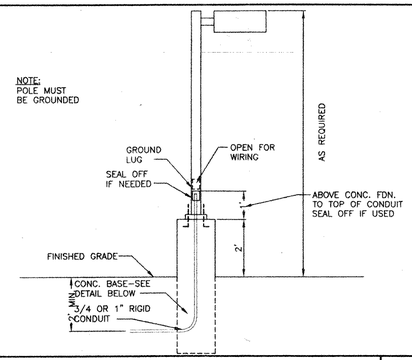


NOTE:
CONTRACTOR SHALL INSTALL SIGN IN 12"ø, 36" DEEP CONCRETE FOOTING.

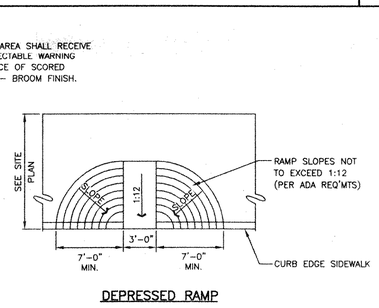
HANDICAP PARKING SIGN N.T.S. 16



BUMPER PIPE DETAIL N.T.S. 9

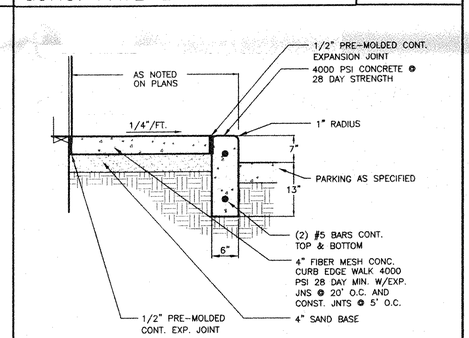


POLE LIGHT DETAIL N.T.S. 8

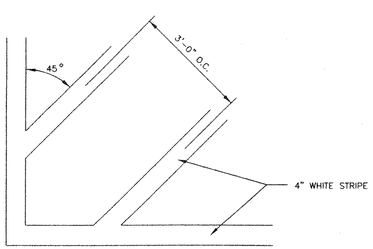


DEPRESSED RAMP

HANDICAP ACCESSIBLE RAMP N.T.S. 5

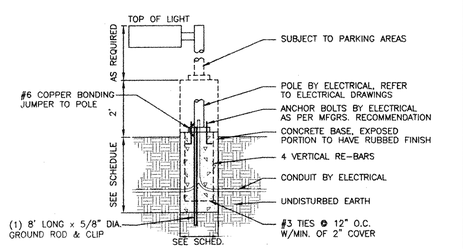


CURB EDGE SIDEWALK N.T.S. 3

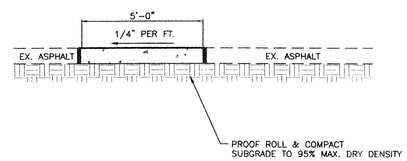


TRANSVERSE STRIPING DETAIL N.T.S. 18

PIER SIZE & REINFORCING SCHEDULE			
HEIGHT FROM FINISHED GRADE TO TOP OF LIGHT FIXTURE	MINIMUM DIAMETER OF PIER	MINIMUM DEPTH OF PIER BELOW GRADE	PIER REINFORCEMENT VERTICALLY
25'	18"	5'–6"	4–#6
24'	18"	5'–6"	4–#6
22'	18"	5'–0"	4–#6
20'	16"	5'–0"	4–#5
18'	16"	4'–6"	4–#5
16'	16"	4'–6"	4–#5
14'	14"	4'–0"	4–#4
12'	14"	4'–0"	4–#4

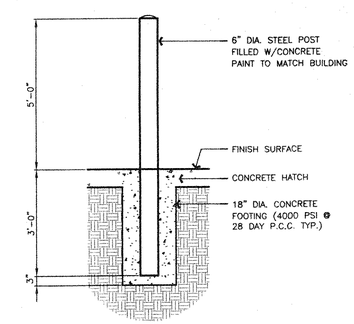


POLE LIGHT BASE DETAIL N.T.S. 8



NOTES:
1. ALL CONCRETE TO BE 4000 P.S.I. @ 28 DAY P.C.C. TYP.
2. PROVIDE EXPANSION JOINTS @ 20'–0" O.C.
3. CONSTRUCTION JOINTS @ 5'–0" O.C.

P.C.C. SIDEWALK N.T.S. 3B



BOLLARD N.T.S. 4

GPD ASSOCIATES
GLASS PILE SCHUMER BURNS & DRAMINAL INC
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101

SHEET STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946–3611

REV.	DATE	DESCRIPTION

SHEETZ, INC.
CORNER OF PERRY DR. & LINCOLN ST. W.
PERRY TOWNSHIP, OHIO

SITE DETAILS

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

SD–1

SHEET 4

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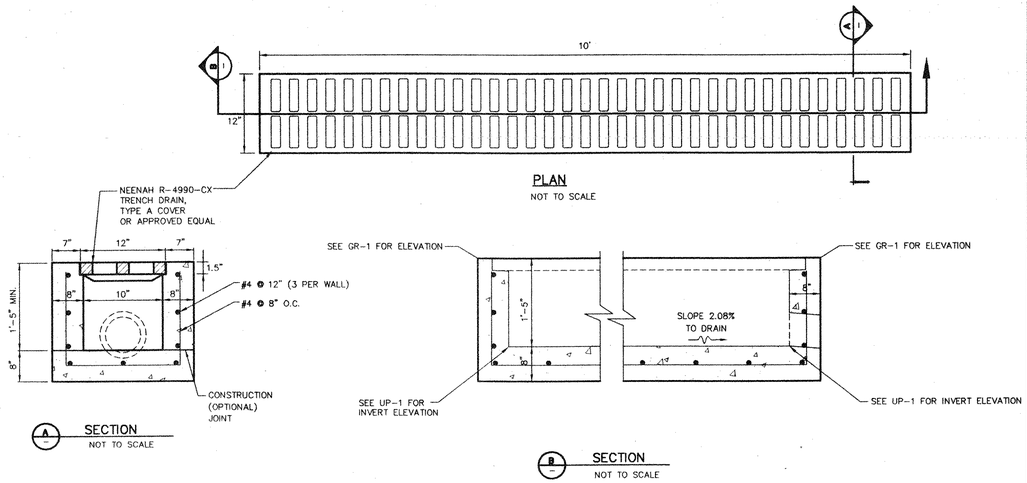
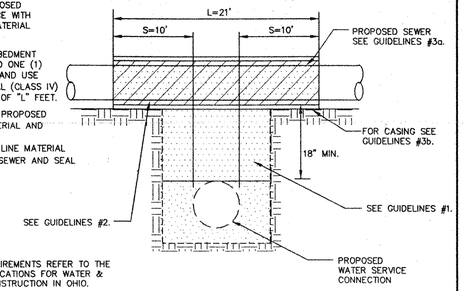


HEAVY DUTY TRENCH DETAIL

N.T.S. | 28

GUIDELINES

1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH PROPOSED SEWER TRENCH AND REPLACE WITH WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
2. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
3. a. CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER LINE MATERIAL AND PRESSURE TEST, OR:
   b. USE "L" FEET OF WATER LINE MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

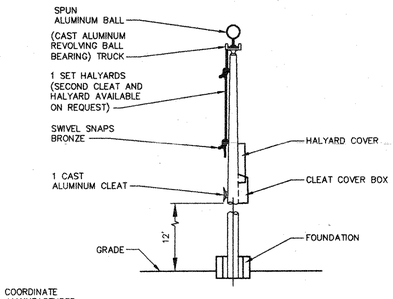


NOTES: COMPACTION REQUIREMENTS REFER TO THE STANDARD SPECIFICATIONS FOR WATER & SERVICE MAIN CONSTRUCTION IN OHIO.

"S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO PROPOSED WATER LINE.

WATER AND SEWER TRENCH SEPARATION DETAIL

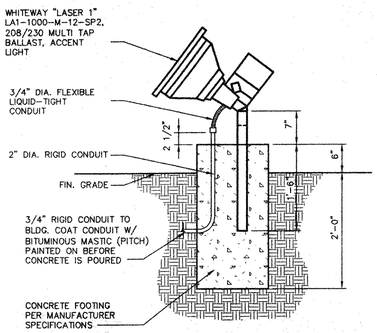
N.T.S.



NOTE:
CONTRACTOR TO COORDINATE OVERALL HEIGHT, MANUFACTURER, AND MODEL NUMBER WITH SHEETZ CONSTRUCTION MANAGER.

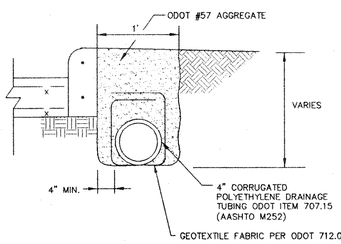
FLAGPOLE DETAIL

N.T.S. | 21



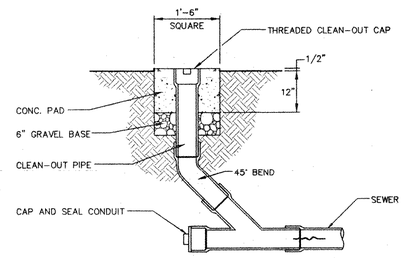
FLAGPOLE LIGHT FOUNDATION

N.T.S. | 21



UNDERDRAIN BEHIND CURB

N.T.S.



CLEAN-OUT DETAIL

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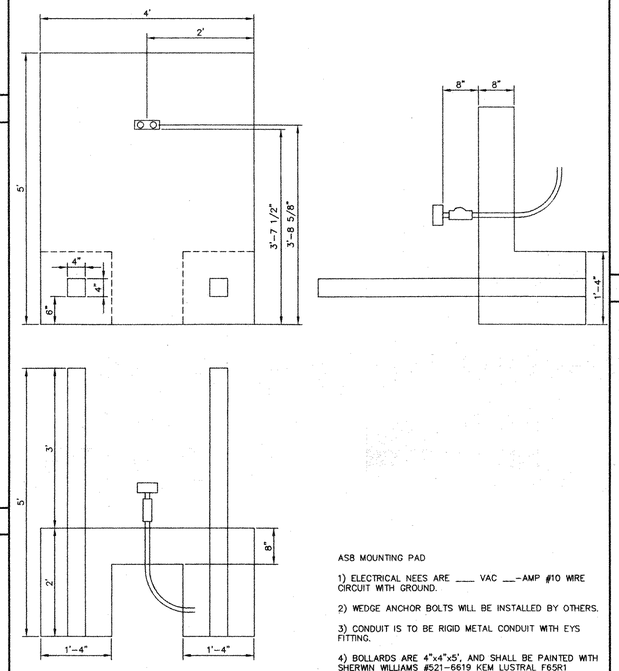


ASB MOUNTING PAD

1) ELECTRICAL NEES ARE ____ VAC ___-AMP #10 WIRE CIRCUIT WITH GROUND.

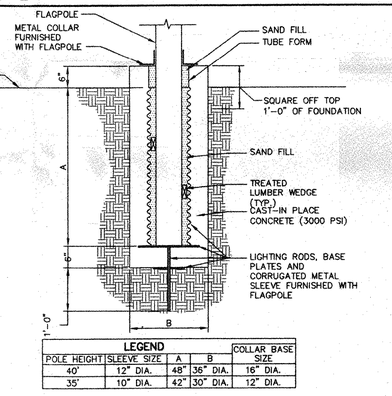
2) WEDGE ANCHOR BOLTS WILL BE INSTALLED BY OTHERS.

3) CONDUIT IS TO BE RIGID METAL CONDUIT WITH EYS FITTING.

4) BOLLARDS ARE 4"x4"x5', AND SHALL BE PAINTED WITH SHERWIN WILLIAMS #S21-6619 KEM LUSTRAL F65R1 "VERMILLION RED".

AIR/VACUUM MACHINE PAD

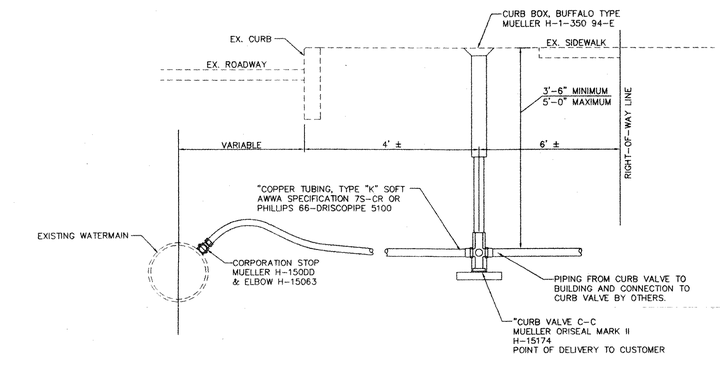
N.T.S. | 23



LEGEND				
POLE HEIGHT	SLEEVE SIZE	A	B	COLLAR BASE SIZE
40'	12" DIA.	48"	36" DIA.	16" DIA.
35'	10" DIA.	42"	30" DIA.	12" DIA.

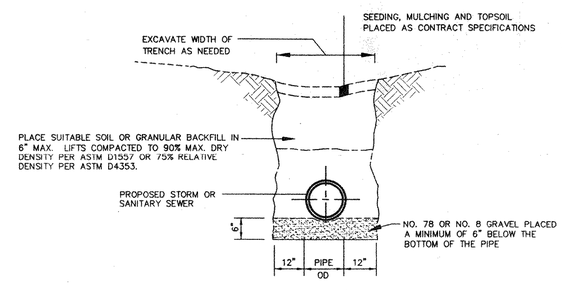
FLAGPOLE FOUNDATION

N.T.S. | 21



CANTON WATER DEPARTMENT – CITY OF CANTON, OHIO
TYPICAL WATER SERVICE MARCH 2, 1989 DWG. NO. C94

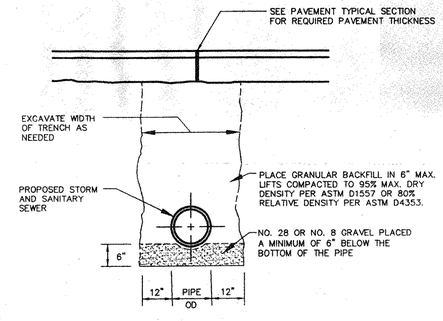
N.T.S.



(NOT UNDER PAVEMENT)

TRENCH DETAIL (IN LAWN)

N.T.S.



TRENCH DETAIL (UNDER PAVEMENT)

N.T.S.

GPD ASSOCIATES
GLAUS, PYLE, SCHOMER, BURNS & DEVINE, INC.
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101

SHEET STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION

SHEETZ, INC.
CORNER OF PERRY DR. & LINCOLN ST. W.
PERRY TOWNSHIP, OHIO

SITE DETAILS

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

SD-2

SHEET 5

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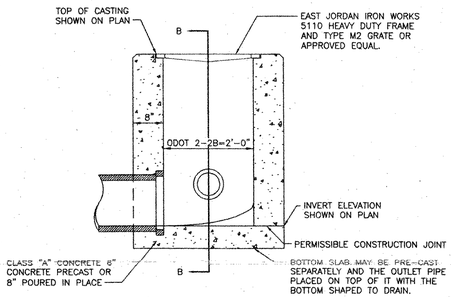
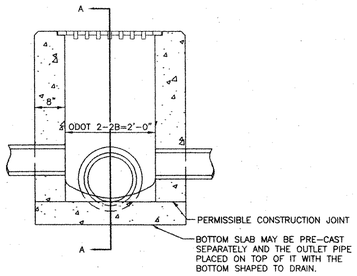
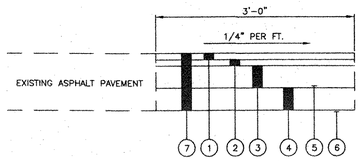


SECTION A-A



SECTION B-B

CATCH BASIN (O.D.O.T. 2-2B) N.T.S. 10



1. O.D.O.T. ITEM 404 – 1 1/4" ASPHALT CONCRETE WEARING COURSE.
2. O.D.O.T. ITEM 402 – 1 3/4" ASPHALT CONCRETE.
3. O.D.O.T. ITEM 301 – 9" BITUMINOUS AGGREGATE BASE.
4. O.D.O.T. ITEM 304 – 6" AGGREGATE BASE.
5. O.D.O.T. ITEM 408 – 6" BITUMINOUS PRIME COAT (APPLIED @ 0.25 GALLONS PER SQUARE YARD).
6. O.D.O.T. ITEM 203 – SUBGRADE COMPACTION.
7. O.D.O.T. ITEM 202 – PAVEMENT REMOVED. ITEM 203.04(f)–SAWCUT.

NOT USED 15

ASPHALT PAVEMENT N.T.S. 11

NOT USED 16

NOT USED 12

NOTE: SEE PUBLICATION: "ADA: A RESOURCE GUIDE" FOR REFERENCES

ACCESSIBLE (HANDICAP) RAMPS:

GENERAL:
PROVIDE RAMPS WHEN REQUIRED WITH SLOPE BETWEEN 1:20 (MINIMUM) TO 1:12 (MAXIMUM). USE THE LEAST POSSIBLE SLOPE FOR ANY REQUIRED RAMP. (REFERENCE: 4.8)

A. MINIMUM CLEAR WIDTH OF RAMP SHALL BE 36". (REFERENCE: 4.8.3)

B. LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT AND SHALL BE A MINIMUM OF 60 IN. CLEAR IN LENGTH. (REFERENCE: 4.8.4)

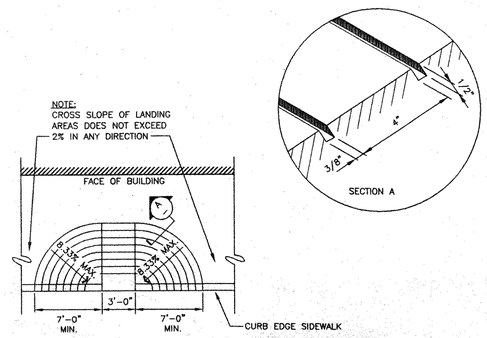
C. NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:50 (2 PERCENT IN ANY DIRECTION). (REFERENCE: 4.3.7)

D. FINISHED SURFACES SHALL BE SLIP-RESISTANT (MEDIUM BROOM FINISH OR EQUIVALENT, UNLESS OTHERWISE INDICATED ON SITE PLAN). (REFERENCE: 4.5.1)

E. PROVIDE DETECTABLE WARNINGS ON PAVEMENT AND WALKING SURFACES WITH AT LEAST 70 PERCENT CONTRAST WHERE INDICATED ON SITE PLAN OR AS DIRECTED BY C.E. EXTEND WARNING SURFACE THE FULL WIDTH AND DEPTH OF RAMP AND WALKING SURFACE WHERE REQUIRED.

APPROVED DETECTABLE WARNING SURFACE AS FOLLOWS:

1. FINISH: BROOM FINISH OVER SCORED JOINTS.
2. COLOR: TRAFFIC YELLOW OR BLUE EITHER INTEGRAL COLOR OR SURFACE APPLIED COLOR HARDNER TYPE AS RECOMMENDED BY MANUFACTURER TO MATCH COLOR #33538 PER FEDERAL STANDARD #595A.
3. SURFACE APPLIED COLOR HARDNER: HEAVY DUTY TYPE AS RECOMMENDED BY SYSTEMS MANUFACTURER.



ACCESSIBLE (HANDICAP) RAMP

ACCESSIBLE (HANDICAP) PARKING SPACES:

A. PROVIDE ACCESSIBLE PARKING SPACES PER ITEM #2 THIS SHEET. PROVIDE ONE VAN-ACCESSIBLE PARKING SPACE IN EVERY 8 ACCESSIBLE PARKING SPACES REQUIRED, BUT NOT LESS THAN ONE PER SITE AS FOLLOWS.

B. ACCESSIBLE PARKING SPACES REQUIRED:
MINIMUM 96 INCHES WIDE WITH A MINIMUM VERTICAL CLEARANCE OF 114 INCHES (IF POSSIBLE) AND LOCATED (IF POSSIBLE) ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM (ADJACENT) PARKING TO AN (ACCESSIBLE) ENTRANCE. SEE FIGURES #1 & #2 THIS SHEET. PROVIDE 60 INCHES MINIMUM ACCESS AISLE ADJACENT TO PARKING SPACE.

C. VAN-ACCESSIBLE PARKING SPACE:
MINIMUM 96 INCHES WIDE WITH A MINIMUM VERTICAL CLEARANCE OF 114 INCHES (IF POSSIBLE) AND LOCATED (IF POSSIBLE) ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM (ADJACENT) PARKING TO AN (ACCESSIBLE) ENTRANCE. PROVIDE 96 INCHES MINIMUM ACCESS AISLE ADJACENT TO PARKING SPACE IF ONLY ONE IS REQUIRED OR BETWEEN ACCESSIBLE AND VAN-ACCESSIBLE PARKING SPACE. SEE FIGURES #1 & #2 THIS SHEET.

D. SIGNAGE:
PROVIDE A MOUNTED SIGN SHOWING THE INTERNATIONAL ACCESSIBILITY SYMBOL AT ALL ACCESSIBLE PARKING SPACES. PROVIDE AN ADDITIONAL SIGN, MOUNTED BELOW THE ACCESSIBILITY SYMBOL THAT READS "VAN-ACCESSIBLE" FOR VAN-ACCESSIBLE PARKING SPACES. LOCATE SIGNAGE SO AS NOT TO BE OBSCURED BY A PARKED VEHICLE. SEE ITEMS #1, #2, #3, AND #4 THIS SHEET.

02580 PAVEMENT MARKING

A. MARKING (STRIPING) PAINT FOR PARKING SPACES, TRAFFIC ARROWS, HANDICAP PARKING AND SYMBOLS, ETC., PER ASTM-P-7B-66T STANDARDS AND AS FOLLOWS:

1. NEW SURFACES: RUBBER BASE TYPE (CHLORINATED RUBBER) TO MEET FEDERAL SPECIFICATION TTP-115.
2. EXISTING SURFACES WITHOUT ANY SEAL COATING: OIL BASE (ALKYD RESIN TYPE TO MEET FEDERAL SPECIFICATION TTP-85.
3. NEW OR EXISTING SURFACES WITH A TOP COATING OR SEAL COATING (USUALLY WATER BASE): WATER BASE TYPE TO MEET FEDERAL SPECIFICATION TTP-01952.
4. PROVIDE A NON-SLIP AGGREGATE ADDITIVE TO MARKING PAINT USED AT HANDICAP ACCESS RAMPS.
5. APPLY 2 COATS WITH STRAIGHT EDGES, YELLOW EXCEPT MATCH ADJACENT OR EXISTING COLOR WHEN THE PAVING IS AN EXPANSION OR SEGMENT OF A LARGER LOT.

SPECIFICATIONS FOR ADA COMPLIANCE

1. INTERNATIONAL HANDICAP SYMBOL:

2. "ADA" REGULATIONS FOR NUMBER OF PARKING SPACES:

TOTAL PARKING IN LOT	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4

PLEASE NOTE:
IF ONLY ONE HANDICAP SPACE IS PROVIDED ON SITE, THEN THAT SPACE MUST BE DESIGNATED AS "VAN-ACCESSIBLE" AND SHALL COMPLY FULLY WITH NUMBER 4 BELOW

3. UNIVERSAL PARKING SPACE DESIGN (FOR MORE THAN ONE STALL): N.I.C.

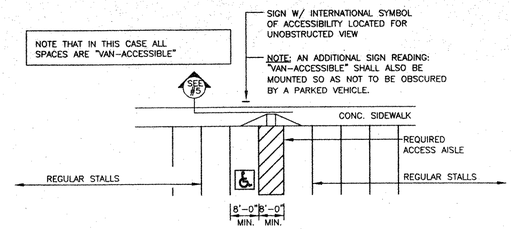


FIGURE #1

PLEASE NOTE:
HANDICAP RAMPS AS REQUIRED BY "ADA" REGULATIONS CANNOT BE LOCATED WITHIN THE SPACE DENOTED AS "ACCESS AISLE" AS NOTED ON FIGURE 1 ABOVE AND FIGURE 2 BELOW.

4. SINGLE "VAN-ACCESSIBLE" SPACE:

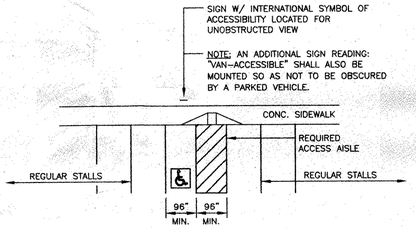
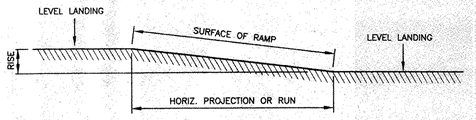


FIGURE #2

PLEASE NOTE:
HANDICAP RAMPS AS REQUIRED BY "ADA" REGULATIONS CANNOT BE LOCATED WITHIN THE SPACE DENOTED AS "ACCESS AISLE" AS NOTED ON FIGURES 1 AND 2 ABOVE.

5. COMPONENTS OF A SINGLE RAMP RUN



SLOPE	MAXIMUM RISE IN	MAXIMUM RISE MM	MAXIMUM HORIZONTAL PROJECTION FT	MAXIMUM HORIZONTAL PROJECTION M
1:12 TO < 1:16	30	760	30	9
1:16 TO < 1:20	30	760	40	12

FIGURE #3
(REPRINT OF ADA : A RESOURCE GUIDE; SECTION 4.8, FIG. 16)

GPD ASSOCIATES
CLAUS PYLE SCHOMER BURNS & DEFEBAUGH, INC.
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100 , Fax 330-572-2101

SHEET STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION

SHEETZ, INC.
CORNER OF PERRY DR. & TUSCARAWAS ST. W.
PERRY TOWNSHIP, OHIO

SITE DETAILS

		DATE
DESIGNED	D.A.S.	7/17/02
DRAWN	D.J.H.	7/17/02
CHECKED		

JOB NO. 99118.11

SD-3

SHEET 6

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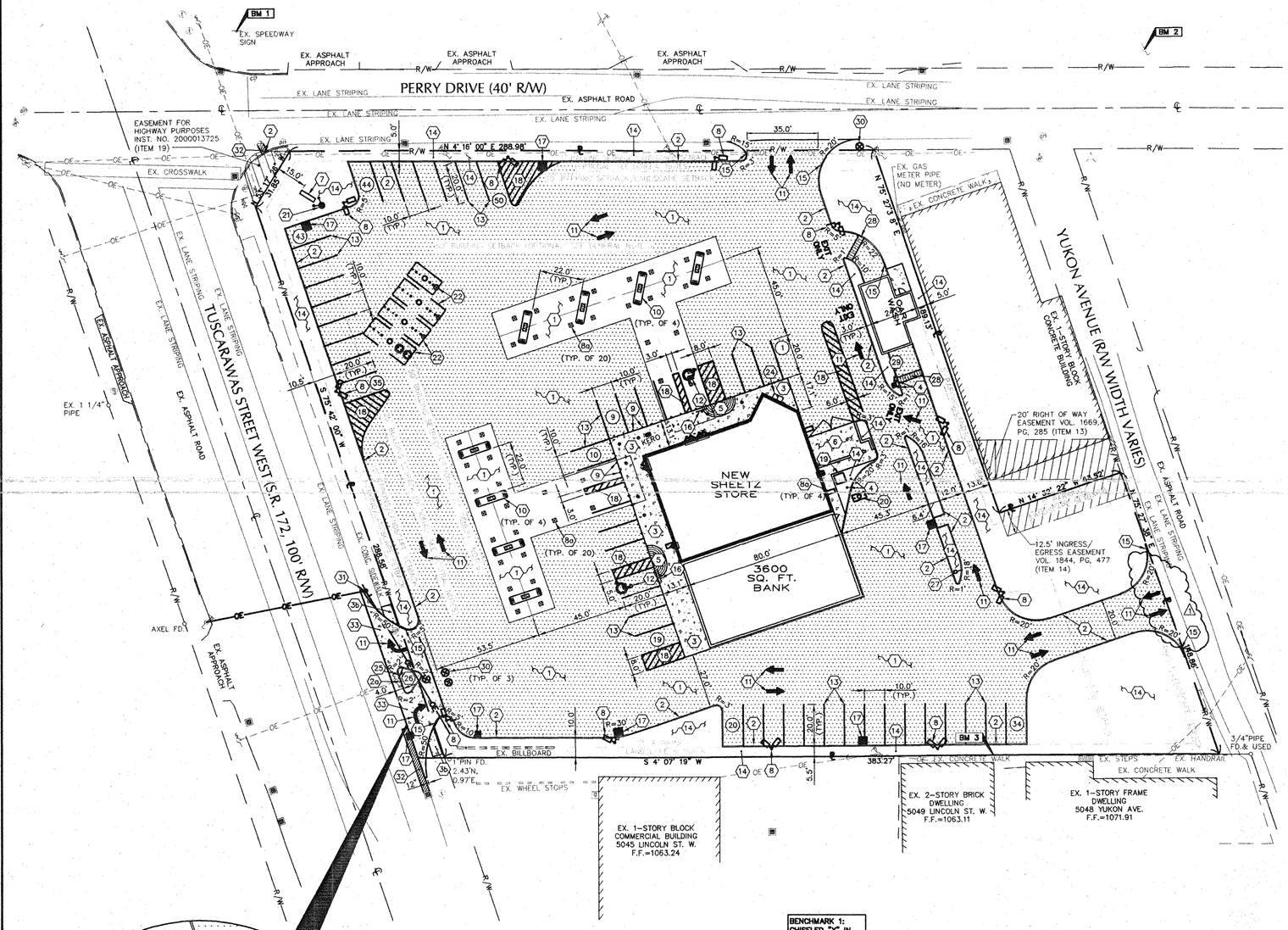

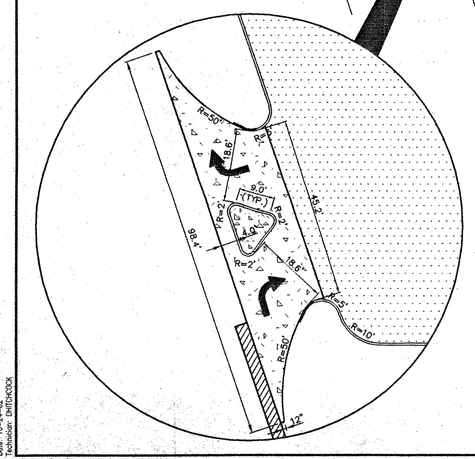

BENCHMARK 1: CHISELED "X" IN N.E. ANCHOR BOLT OF SPEEDWAY SIGN AT N.W. COR. OF PERRY DR. AND S.R. 172. ELEV.=1064.21

BENCHMARK 2: DRILL HOLE IN TOP E. SIDE OF CONC. LIGHT POLE BASE ON W. SIDE OF PERRY DR. IN ALDI PARKING LOT. ELEV.=1070.67

BENCHMARK 3: DRILL HOLE IN W. EDGE CONC. WALK OPPOSITE N.W. COR. OF 2-STORY BRICK HOUSE. ADDRESS 5049 S.R. 172. ELEV.=1064.96

POINT COORDINATE DATA TO BE PROVIDED PRIOR TO CONSTRUCTION

UNDERGROUND UTILITIES

2 WORKING DAYS BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS MUST BE CALLED DIRECTLY

N

0 15 30 60
HORIZONTAL SCALE IN FEET

CONSTRUCTION NOTES

1. CONSTRUCT CONCRETE PAVEMENT AS PER DETAIL SHT. SD-1.
2. CONSTRUCT 6" P.C.C. CURB PER DETAIL SHT. SD-1.
2a. CONSTRUCT 4" P.C.C. MOUNTABLE CURB PER O.D.O.T. STANDARDS. SEE DETAIL SHT. SD-2.
3. CONSTRUCT P.C.C. CURB EDGE SIDEWALK PER DETAIL SHT. SD-1.
3b. CONSTRUCT 4" P.C.C. SIDEWALK PER DETAIL SHT. SD-1.
4. INSTALL BOLLARD PER DETAIL SHT. SD-1. (TYP. OF 2)
5. CONSTRUCT P.C.C. HANDICAP ACCESSIBLE RAMP PER DETAIL SHT. SD-1.
6. CONST. TRASH ENCLOSURE ON 8" THK. P.C.C. PAVEMENT W/ 6"x6"-#10/10 W.W.M. (CONST. JTS. 12'-0" O.C.) OVER 6" CRUSHED AGG. OR GRAVEL BASE.
7. INSTALL 50' O.A.H. MAX., 10' CLEAR 100 S.F. MAXIMUM SIGN; SEE ARCHITECTURAL DRAWINGS. CONFIRM LOCATION WITH OWNER.
8. INSTALL PARKING LOT LIGHTS PER MANUFACTURER SPECIFICATIONS. SEE SHT. SD-1 FOR FOUNDATION DETAIL. LIGHT POLES SHALL BE 22' O.A.H.
8a. INSTALL CANOPY/BUILDING MOUNTED LIGHTS PER MANUFACTURER SPECIFICATIONS.
9. INSTALL 4" x 4" POST PER DETAIL SHT. SD-1.
10. INSTALL GAS ISLANDS WITH DISPENSERS (TYP. OF 8). SEE ARCHITECTURAL DRAWINGS FOR DISPENSER DETAILS.
11. PAINT TRAFFIC ARROWS-YELLOW PER DETAIL SHT. SD-1 (BY OWNER).
12. PAINT HANDICAP SYMBOL-WHITE ON BLUE BACKGROUND (BY OWNER).
13. PAINT 4" WIDE SOLID STRIPE-YELLOW (BY OWNER).
14. LANDSCAPE AREA. SEE SHT. L1.
15. CONSTRUCT STANDARD CURB NOSING PER DETAIL SHT. SD-1.
16. HANDICAP PARKING SIGN, SHT. SD-1. (POST MOUNTED IN CONCRETE FOOTING).
17. INSTALL CATCH BASIN PER O.D.O.T. STANDARDS (SEE DETAIL SHT. SD-3). SEE SHT. UP-1 FOR CATCH BASIN TYPE AND INVERT DATA.
18. PAINT 4" WIDE WHITE TRANSVERSE STRIPING. SEE DETAIL SHT. SD-1 (BY OWNER).
19. TRANSFORMER PAD PER AEP STANDARDS. CONTRACTOR TO COORDINATE LOCATION W/ AEP.
20. PROPOSED GREASE TRAP. SEE ARCHITECTURAL PLANS FOR SIZE & SPECIFICATIONS.
21. PROPOSED FLAG POLE WITH LIGHTS. SEE DETAIL SHT. SD-2.
22. PROPOSED UNDERGROUND FUEL TANKS.
23. PROPOSED AIR COMPRESSOR. SEE MECHANICAL DWG'S. SEE DETAIL SHT. SD-2 FOR PAD DETAIL.
24. PROPOSED PAY PHONE. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
25. PROPOSED O.D.O.T. 'DO NOT ENTER' SIGN (R-41B-36) PER O.D.O.T. STANDARDS.
26. CONSTRUCT P.C.C. DRIVE ISLAND PER DETAIL SHT. SD-1 AND O.D.O.T. STANDARDS.
27. INSTALL CLEARANCE BAR PER SHEETZ STANDARDS.
28. INSTALL TRENCH DRAIN PER DETAIL SHT. SD-2.
29. INSTALL AUTO CASHIER. SEE CAR WASH PLANS.
30. WATER CURB BOX PER DETAIL SHT. SD-2. SEE SHT. UP-1 FOR CONTRACTOR SCOPE.
31. RELOCATED LIGHT POLE. CONTRACTOR TO COORDINATE W/ ELECTRIC COMPANY & PERRY TOWNSHIP.
32. CONSTRUCT ASPHALT PAVEMENT PER DETAIL SHT. SD-3.
33. CONSTRUCT 8" THK. PORTLAND PLAIN CEMENT CONCRETE DRIVE APRON PER O.D.O.T. ITEM 452.

GENERAL NOTES

1. PROPERTY INCLUDES 103,176 S.F. WHICH IS MEASURED BY RIGHT-OF-WAY BOUNDARIES. MINIMUM LOT AREA = 20,000 S.F.
2. PROPERTY IS COMMERCIALLY ZONED B-2. CONVENIENCE FOOD STORE WITH RETAIL GASOLINE PUMP W/ FLOOR AREA NO GREATER THAN 5,000 S.F. IS A PERMITTED USE.
3. BUILDING SETBACKS / PARKING SETBACKS

	BUILDING SETBACKS REQ'D	BUILDING SETBACKS PROVIDED	PARKING SETBACKS REQ'D	PARKING SETBACKS PROVIDED
FRONT (PERRRY DRIVE)	OPTIONAL 25' OR 50'	50'	OPTIONAL 5' OR 10'	5'
FRONT (LINCOLN STREET)	OPTIONAL 25' OR 50'	50'	OPTIONAL 5' OR 10'	10'

SHEETZ HAS OPTION OF SELECTING WHICH STREET TO MAINTAIN A 50' SETBACK. THE OTHER STREET MUST HAVE A 25' BUILDING SETBACK.

	REQ'D	PROVIDED	REQ'D	PROVIDED
FRONT (YUKON AVENUE)	50'	143'	10'	80'
SIDE (EAST)	0'	53'	5'	5'
SIDE (NORTH)	0'	5'	5'	79'
REAR	0'	N/A	5'	N/A

4. PARKING REQUIRED:
   AUTOMATIC CAR WASH: 10 SPACES / 20 L.F. OF PRODUCTION LINE WITHIN BUILDING PLUS ADDITIONAL 2.5 SPACES / EXIT LANE LOCATED AT EXIT OF CAR WASH.

   SEMI AUTOMATIC CAR WASH: 8 SPACES / EACH STALL FOR THE USE OF VEHICLES ENTERING FACILITY. PLUS 1.5 SPACES / EXIT LANE.

   RETAIL STORES: 1 SPACE / 100 S.F. USABLE FLOOR AREA
   TOTAL SHEETZ BUILDING IS 4700 S.F.
   TOTAL USABLE FLOOR AREA IS 2048 S.F.
   BUSINESS AND PROFESSIONAL OFFICES, BANKS AND STUDIOS: 1 SPACE / 200 S.F. USABLE FLOOR AREA

   THEREFORE, 2048 S.F. x 1 SPACE / 100 S.F. = 21 SPACES REQUIRED
   PLUS 3600 S.F. x 1 SPACE / 200 S.F. = 18 SPACES REQUIRED
   PLUS CAR WASH PARKING

   50 SPACES PROVIDED PLUS 18 PUMPS AND ONE LOADING ZONE

LEGEND:

- CENTER LINE
- RIGHT OF WAY LINE
- PROPERTY LINE
- EXISTING CURB
- EXISTING OVERHEAD ELECTRIC
- IRON PIN SET
- EXISTING IRON PIN FOUND AS NOTED
- EXISTING MONUMENT FOUND
- EXISTING POWER POLE
- EXISTING POWER & TELEPHONE POLE
- EXISTING ABANDONED POLE
- EXISTING ELECTRIC METER
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING TELEPHONE MANHOLE
- EXISTING CATCH BASIN
- PROPOSED AUTO CASHIER
- PROPOSED TRANSFORMER
- RELOCATED LIGHT POLE
- PROPOSED LIGHT FIXTURES
- RELOCATED OVERHEAD ELECTRIC
- PROPOSED KEROSINE TANK
- PROPOSED GREASE TRAP
- PROPOSED CATCH BASIN
- PROPOSED DOWNSPOUT
- PROPOSED WATER CURB BOX
- PROPOSED UNDERGROUND FUEL TANKS
- PROPOSED GAS ISLAND
- PROPOSED SIGN
- PROPOSED FLAG POLE
- PROPOSED BOLLARD
- PROPOSED CURB
- PROPOSED CONCRETE PAVEMENT
- PROPOSED CONCRETE
- PROPOSED ASPHALT PAVEMENT
- PROPOSED TRENCH DRAIN
- TRAFFIC FLOW

GENUS PYLE SCHEMER BORYS & SPYKMAN, INC.
GPD ASSOCIATES
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101

SHEET STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION
1	9/16/02	SHEETZ ADDED DRIVE

SHEETZ, INC.
CORNER OF PERRY DR. & TUSCARAWAS ST. W.
PERRY TOWNSHIP, OHIO

GEOMETRIC PLAN

		DATE
DESIGNED	D.A.S.	7/17/02
DRAWN	D.J.H.	7/1702
CHECKED		

JOB NO. 99118.11

GM-1

SHEET 3

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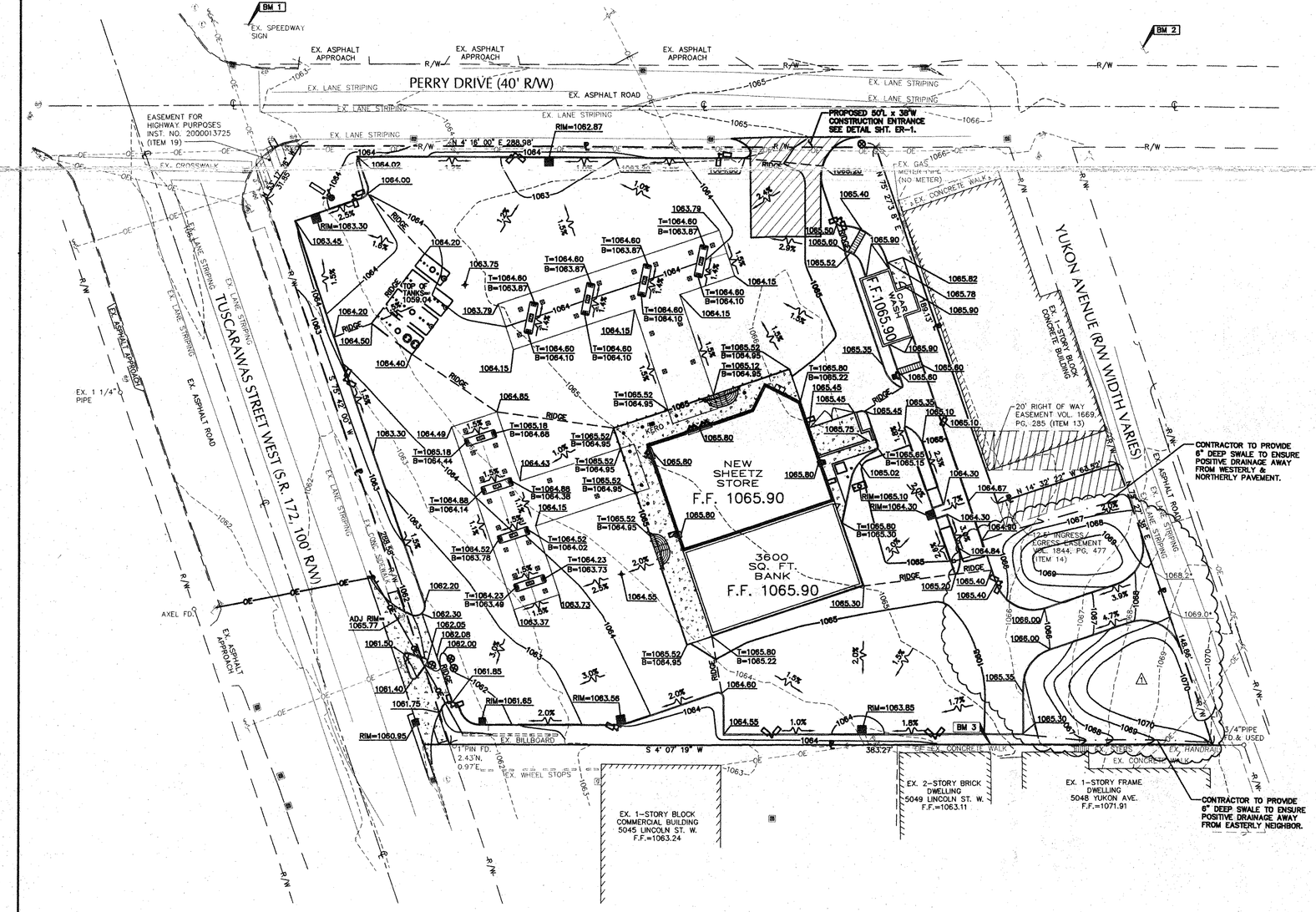
Plotted By: D.J.H.
Date: 10-24-02
Technician: DMTCHCOCK



0 30
15 60
HORIZONTAL SCALE IN FEET

NOTES:

1. FOR PIPE APPURTENANCES SEE SHEET UP-1.
2. STRIP BUILDING AND PAVING AREAS OF ALL ORGANIC TOPSOILS. STOCKPILE SUITABLE TOPSOILS FOR RESPREADING ONTO LANDSCAPE AREAS. ALL EXCESS EXCAVATED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.
3. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. UNLESS OTHERWISE SPECIFIED IN THE PLANS, SPECIFICATIONS, OR SOILS REPORT THE SITE GRADING, EXCAVATION, AND EMBANKMENT SHALL BE IN ACCORDANCE WITH OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.
4. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY PER A.S.T.M. TEST D-698. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT.
5. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY SHEETZ CONSTRUCTION MANAGER IF ANY DISCREPANCES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
6. SEE SHEET GM-1 FOR GEOMETRICAL LAYOUT. ELEVATIONS GIVEN ARE AT BOTTOM FACE OF CURB FINISHED PAVEMENT GRADE ELEVATIONS. ALL CONCRETE SHALL BE LAID ON A STRAIGHT, EVEN, AND UNIFORM GRADE WITH A MINIMUM OF 1% AND A MAXIMUM OF 5% SLOPE TOWARD THE COLLECTION POINTS. DO NOT ALLOW NEGATIVE GRADES OR PONDING OF WATER.
7. SLOPE BUILDING SIDEWALK AWAY FROM THE BUILDING AT 1/4" PER FOOT MIN.

LEGEND:

- CENTER LINE
- RIGHT OF WAY LINE
- PROPERTY LINE
- EXISTING CURB
- EXISTING OVERHEAD ELECTRIC
- IRON PIN SET
- EXISTING IRON PIN FOUND AS NOTED
- EXISTING MONUMENT FOUND
- EXISTING POWER POLE
- EXISTING POWER & TELEPHONE POLE
- EXISTING ABANDONED POLE
- EXISTING ELECTRIC METER
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING GAS VALVE
- EXISTING GAS METER
- EXISTING TELEPHONE MANHOLE
- EXISTING CATCH BASIN
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED AUTO CASHIER
- PROPOSED TRANSFORMER
- RELOCATED LIGHT POLE
- PROPOSED LIGHT FIXTURES
- RELOCATED OVERHEAD ELECTRIC
- PROPOSED KEROSINE TANK
- PROPOSED GREASE TRAP
- PROPOSED CATCH BASIN
- PROPOSED DOWNSPOUT
- PROPOSED UNDERGROUND TANKS
- PROPOSED GAS ISLAND
- PROPOSED SIGN
- PROPOSED FLAG POLE
- PROPOSED BOLLARD
- PROPOSED CURB
- PROPOSED CONCRETE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED TRENCH DRAIN
- PROPOSED SPOT ELEVATION
- TOP OF CURB
- FINISH PAVEMENT
- PROPOSED SLOPE & DIRECTION
- MATCH EXISTING ELEVATION
- PROPOSED SWALE

BENCHMARK 1: CHISELED "X" IN N.E. ANCHOR BOLT OF SPEEDWAY SIGN AT N.W. COR. OF PERRY DR. AND S.R. 172. ELEV.=1064.21

BENCHMARK 2: DRILL HOLE IN TOP E. SIDE OF CONC. LIGHT POLE BASE ON W. SIDE OF PERRY DR. IN ALDI PARKING LOT. ELEV.=1070.67

BENCHMARK 3: DRILL HOLE IN W. EDGE CONC. WALK OPPOSITE N.W. COR. OF 2-STORY BRICK HOUSE. ADDRESS 5049 S.R. 172. ELEV.=1064.96

UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS
MUST BE CALLED DIRECTLY

GPD ASSOCIATES
GANS PIELSTICKER BURNS & ASSOCIATES, INC.
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101

SHEETZ DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION
1	9/16/02	SHEETZ ADDED DRIVE

SHEETZ, INC.
CORNER OF PERRY DR. & TUSCARAWAS ST. W.
PERRY TOWNSHIP, OHIO

GRADING PLAN

		DATE
DESIGNED	D.A.S.	7/17/02
DRAWN	D.J.H.	7/1702
CHECKED		

JOB NO.
99118.11

GR-1

SHEET 7

Cad File: G:\CIVIL\99118\11\DWG\99118110PERDRGR.DWG
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Time: 10:54:40
Technician: DHITCHCOCK

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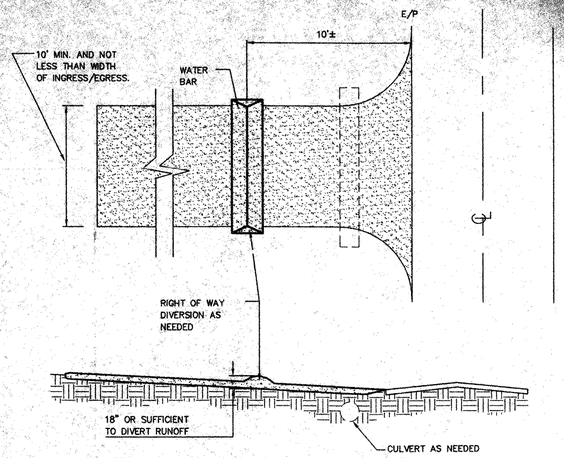
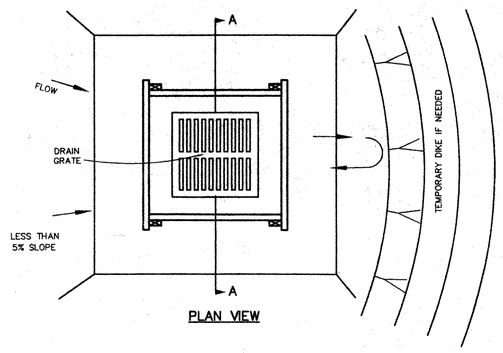


NOTES:

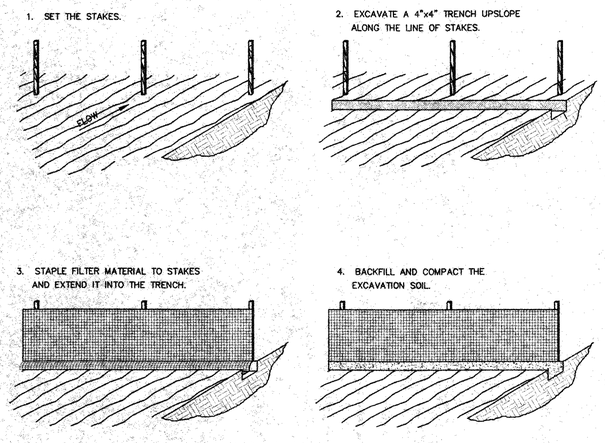
1. STONE SIZE – TWO INCH STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
3. PAVEMENT THICKNESS – STONE LAYER SHALL BE AT LEAST 6" THICK.
4. DRIVEWAY WIDTH – THE ENTRANCE SHALL BE AT LEAST 10' WIDE, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS/EGRESS OCCURS.
5. BEDDING–A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LBS. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LBS.
6. CULVERT–A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
7. WATER BAR – A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
8. MAINTENANCE – TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
9. CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE

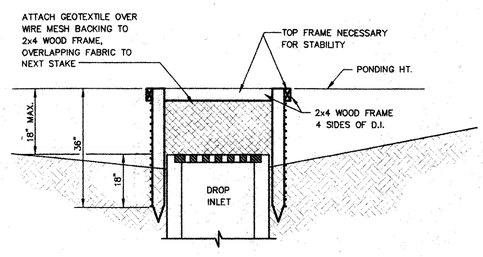


PLAN VIEW



CONSTRUCTION OF A FILTER BARRIER

NOT TO SCALE



SECTION A–A

NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. USE 2X4 WOOD OR EQUIVALENT METAL STAKES, (3 FT. MIN. LENGTH)
3. INSTALL 2X4 WOOD TOP FRAME TO INSURE STABILITY.
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.
5. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.
6. GEOTEXTILE SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20–40 SIEVE AND BE RESISTANT TO SUNLIGHT. IT SHALL BE STRETCHED TIGHTLY AROUND THE FRAME AND FASTENED SECURELY. IT SHALL EXTEND FROM THE TOP OF THE FRAME TO 18 IN. BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.

SILT BARRIER

NOT TO SCALE

STORM WATER POLLUTION PREVENTION NOTES

1. ALL WORK SPECIFIED AS AN ODOT ITEM SHALL BE GOVERNED BY THE CURRENT STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION HANDBOOK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.
2. THIS CONTRACT DRAWING SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN EROSION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION AND SEDIMENTATION CONTROL MEASURES MAY BE REQUESTED BY THE OWNER, COUNTY ENGINEER, PROJECT ENGINEER OR SOIL CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
3. ALL STORM WATER POLLUTION AND SEDIMENTATION CONTROL ITEMS SHALL BE INSTALLED AS SHOWN OR NOTED ON THE GRADING PLAN.
4. PLANT TEMPORARY SEEDING AND MULCHING IN ALL AREAS THAT SHALL BE INACTIVE FOR 15 DAYS OR MORE. ALL DISTURBED AND ERODED EARTH SHALL BE REGRADED AND SEEDED WITHIN 14 DAYS WITH SEEDING, AS DEFINED ABOVE AND AS SHOWN ON THE TABLE BELOW, TO ESTABLISH STABILITY AND PROVIDE SEDIMENT CONTROL. WHERE POSSIBLE, TEMPORARY SEEDING GROWTH SHALL NOT BE MOWED UNTIL IT HAS GONE TO SEED FOR 1 YEAR.

TEMPORARY SEEDING SPECIFICATIONS:

SEEDING DATES	SEED TYPE	APPLICATION RATE PER 1,000 S.F.
MARCH 1 – AUGUST 15	OATS	3#
	PERENNIAL RYE GRASS OR TALL FESCUE	1#
AUGUST 16 – NOVEMBER 1	RYE, WHEAT OR PERENNIAL RYE GRASS	3#
	TALL FESCUE	1#
AFTER NOVEMBER 1	STRAW OR HAY MULCH	2–3 BALES
SEED BED PREPARATION	LIME	100#
	10–10–10 OR 12–12–12 FERTILIZER	12–15#

5. SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING OR NEW STORM INLETS, CATCH BASINS, YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS TO CONTROL STORM WATER POLLUTION.
6. STORM WATER POLLUTION CONTROL MEASURES SHALL BE INSTALLED AROUND ALL DIRT OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS SHOWN ON THESE PLANS AND AS DIRECTED BY THE ENGINEER.
7. TEMPORARY SEDIMENTATION AND STORM WATER POLLUTION CONTROL MEASURES MUST BE INSPECTED AND LOGGED BY THE CONTRACTOR FOR INSPECTION, LOGGING SHALL BE WEEKLY AND AFTER RAIN STORMS.
8. UTILITY COMPANIES MUST COMPLY WITH ALL STORM WATER POLLUTION PREVENTION MEASURES AS DEFINED ON THE STORM WATER POLLUTION PREVENTION PLANS, DETAILS AND NOTES.
9. THE TOTAL AREA OF DISTURBANCE FOR THIS PROJECT IS 2.18 ACRES.
10. ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION AS SHOWN ON PLANS.
11. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SEDIMENTATION AND STORM WATER POLLUTION CONTROL ITEMS AT ALL TIMES.
13. ALL SWPPP PRACTICES WILL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
14. THE FOLLOWING STORM WATER POLLUTION AND SEDIMENT CONTROL MEASURES WILL BE USED ON THIS SITE:
    1. SILT BARRIER
    2. SILT FENCE
    3. STABILIZED CONSTRUCTION ENTRANCE
    4. SEDIMENT TRAP IN DETENTION BASIN
    5. TEMPORARY DIVERSION
15. SEDIMENT PONDS/TRAPS AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS A FIRST STEP OF GRADING AND WITHIN 7 DAYS FROM THE START OF GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED.
16. DISTURBED AREAS WHICH WILL REMAIN UNWORKED FOR A PERIOD OF 45 DAYS OR MORE, SHALL BE STABILIZED WITH SEEDING AND MULCHING OR OTHER APPROPRIATE MEANS WITHIN 7 DAYS.
17. OFF-SITE VEHICLE TRACKING SEDIMENT SHALL BE MINIMIZED. CONSTRUCTION VEHICLES ARE LIMITED TO THE CONSTRUCTION ACCESS ROAD(S) NOTED ON THE PLAN.
18. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT HANDBOOK (LATEST EDITION).
19. OTHER EROSION AND SEDIMENT CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIROMENTAL CONDITIONS.
20. CONTRACTOR SHALL PERFORM REGULAR INSPECTION AND MAINTENANCE FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES OF RAIN IN A 24-HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATE OF INSPECTION AND CORRECTIVE MEASURES TAKEN.

GPD ASSOCIATES
CLAUS PETER SCHOMER
ROBERT E. DEVANEY, INC.
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100 , Fax 330-572-2101

SHEET 7 STORE DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION

SHEETZ, INC.
CORNER OF PERRY DR. & LINCOLN ST. W.
PERRY TOWNSHIP, OHIO

STORM WATER POLLUTION PREVENTION NOTES & DETAILS

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

ER-1

SHEET 8

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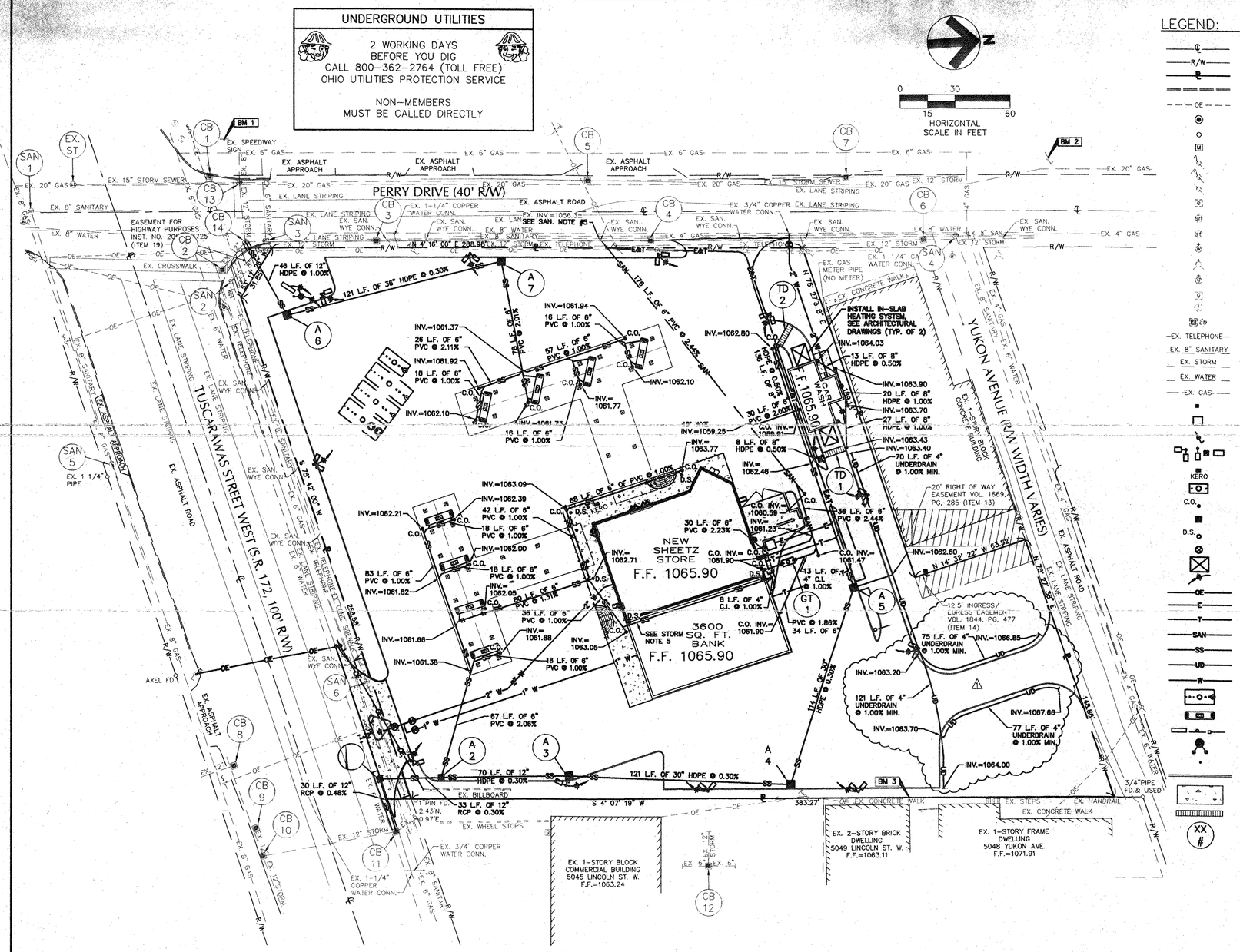


LEGEND:

℄	CENTER LINE
R/W	RIGHT OF WAY LINE
	PROPERTY LINE
	EXISTING CURB
OE	EXISTING OVERHEAD ELECTRIC
	IRON PIN SET
	EXISTING IRON PIN FOUND AS NOTED
M	EXISTING MONUMENT FOUND
	EXISTING POWER POLE
	EXISTING POWER & TELEPHONE POLE
	EXISTING ABANDONED POLE
E	EXISTING ELECTRIC METER
ST	EXISTING SANITARY MANHOLE
ST	EXISTING STORM MANHOLE
WV	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
GV	EXISTING GAS VALVE
G	EXISTING GAS METER
T	EXISTING TELEPHONE MANHOLE
CB	EXISTING CATCH BASIN
EX. TELEPHONE	EXISTING TELEPHONE LINE
EX. 8" SANITARY	EXISTING SANITARY SEWER
EX. STORM	EXISTING STORM SEWER
EX. WATER	EXISTING WATER LINE
EX. GAS	EXISTING GAS LINE
	PROPOSED AUTO CASHIER
	PROPOSED TRANSFORMER
	RELOCATED LIGHT POLE
	PROPOSED LIGHT FIXTURES
KERO	PROPOSED KEROSINE TANK
	PROPOSED GREASE TRAP
C.O.	PROPOSED CLEANOUT
	PROPOSED CATCH BASIN
D.S.	PROPOSED DOWNSPOUT
	PROPOSED WATER CURB BOX
	PROPOSED IN-SLAB HEATING SYSTEM
	PROPOSED ELECTRICAL CONDUIT
OE	RELOCATED OVERHEAD ELECTRIC
E	PROPOSED ELECTRIC LINE
T	PROPOSED TELEPHONE LINE
SAN	PROPOSED SANITARY SEWER
SS	PROPOSED STORM SEWER
UD	PROPOSED UNDERDRAIN
W	PROPOSED WATER MAIN
	PROPOSED UNDERGROUND TANKS
	PROPOSED GAS ISLAND
	PROPOSED SIGN
	PROPOSED FLAG POLE
	PROPOSED BOLLARD
	PROPOSED CURB
	PROPOSED CONCRETE
	PROPOSED TRENCH DRAIN
XX #	APPURTENANCES

GENERAL UTILITY NOTES

1. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLAN ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CALL OUPS (1-800-362-2764) PRIOR TO COMMENCEMENT OF WORK. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THEIR FACILITIES CAUSED BY HIS WORK FORCE.
2. ALL UTILITY TRENCHING SHALL BE CONDUCTED PER THE DETAILS SHOWN ON SHT. SD-2.
3. FOR COORDINATE LOCATION OF UTILITIES SEE SHEET GM-1.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TAP FEES & PERMITS REQUIRED TO PROVIDE COMPLETE WORKING SERVICES.

ELECTRICAL NOTES

1. SEE SHEET E1 FOR FIXTURE DESCRIPTION AND SHEET SD-1 FOR FOUNDATION DETAIL FOR LIGHT POLES. COORDINATE ALL WORK WITH ARCHITECT.
2. SERVICE ENTRY POINT INTO BUILDING SHOULD BE VERIFIED W/ THE ARCHITECTURAL DRAWINGS.
3. THE CONTRACTOR SHALL CONTACT AMERICAN ELECTRICAL POWER (AEP) @ 1-800-440-6111 TO SET UP AN ACCOUNT WITH ELECTRICAL COMPANY. ONCE THE ACCOUNT IS ESTABLISHED, AEP WILL ASSIGN SOMEONE FROM AEP TO CONTACT G.C. WITHIN 72 HOURS. AEP CONTACT WILL ASSESS JOB AND NOTIFY G.C. ON THE WORK THE ELECTRIC COMPANY PLANS ON ADDRESSING. CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH THE ELECTRIC COMPANY, OWNER AND ENGINEER.
4. CONTRACTOR SHALL ASSUME TO DO ALL WORK FOR A COMPLETE WORKING ELECTRICAL SERVICE UNLESS OTHERWISE REDIRECTED BY ELECTRIC COMPANY UPON THEIR REVIEW. CONTRACTOR SHALL INCLUDE INSTALLATION OF 3-4" PVC SCHD. 40 DUCTS FROM TRANSFORMER TO BUILDING, (2)-4" PVC DUCTS FROM TRANSFORMER TO UTILITY POLE INCLUDING ALL TRANCHING AND BACKFILLING, METER INSTALLATION AND WIRE INSTALLATION.

SANITARY SEWER NOTES

1. ALL SANITARY SEWER PIPE SHALL BE 6" PVC MEETING ASTM D 3034; LATEST REVISION MINIMUM SDR 26. THE PIPE AND FITTINGS SHALL BE MADE FROM PVC PLASTIC HAVING A MINIMUM CELL CLASSIFICATION OF 12454-C, AND SHALL HAVE A MINIMUM PIPE STIFFNESS OF 46 P.S.I.
2. SERVICE ENTRY POINT INTO BUILDING SHOULD BE VERIFIED W/ THE ARCHITECTURAL DRAWINGS.
3. SANITARY SEWER LATERAL INVERTS AT BUILDING SHALL BE A MINIMUM OF 4.00' BELOW FINISH FLOOR.
4. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PIPE AND THE GREASE TRAP INCLUDING ALL EXCAVATION AND BACKFILL. COORDINATE ALL WORK WITH THE STARK COUNTY SANITARY ENGINEERING DEPARTMENT @ (330) 451-2303.
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING SIZE, ELEVATION, LOCATION, & CONDITION OF EXISTING SANITARY SEWER PRIOR TO ANY CONSTRUCTION. IF THIS INFORMATION DIFFERS FROM WHAT IS SHOWN ON THESE PLANS, CONTRACTOR IS TO NOTIFY ENGINEER IMMEDIATELY. CONTRACTOR SHALL ENSURE THAT THE EXISTING SEWER PIPE IS IN GOOD CONDITION AND FREE-FLOWING PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL PROTECT THE EXISTING SANITARY SEWER FROM DEBRIS. CONTRACTOR TO MAINTAIN A MINIMUM SLOPE OF 1.00% AND COVER OF 4 FEET ON THE 6" SANITARY SEWER CONNECTION.
6. CLEAN-OUTS TO BE INSTALLED AT ALL PIPE BENDS AND ANGLES, UNLESS A MANHOLE IS INDICATED.

STORM SEWER NOTES

1. ALL STORM SEWER PIPE SHALL BE HDPE PIPE (UNLESS OTHERWISE NOTED ON PLAN) HIGH DENSITY POLYETHYLENE PIPE SHALL COMFORM TO ASTM D 3350. THE CONTRACTOR MAY ALSO USE PVC PIPE CONFORMING TO ASTM D 3034 TYPE PSM OR ASTM D 3033 TYPE PSP. THE MINIMUM SDR SHALL BE 35.
2. ALL STORM STRUCTURES & PIPE SHALL BE CONSTRUCTED AS SHOWN ON THESE DRAWINGS AND DETAILED PER THE ODOT STANDARD DRAWINGS, AND 1997 CONSTRUCTION AND MATERIAL SPECIFICATIONS.
3. COORDINATE ALL WORK WITH STARK COUNTY ENGINEERING DEPARTMENT @ (330) 477-6781.
4. CONTRACTOR TO VERIFY SIZE & INVERT ELEVATION OF EXISTING STORM SEWERS PRIOR TO CONSTRUCTION. IF ELEVATION OR SIZE DIFFERS FROM WHAT IS SHOWN ON PLANS, CONTACT ENGINEER IMMEDIATELY. CONTRACTOR TO MAKE CONNECTION OF NEW PIPES TO MAIN STORM SEWERS IN ACCORDANCE WITH STARK COUNTY/ODOT STANDARDS.
5. DOWNSPOUTS INTERNAL OF BUILDING, SEE ARCHITECTURAL PLANS FOR EXACT LOCATION.

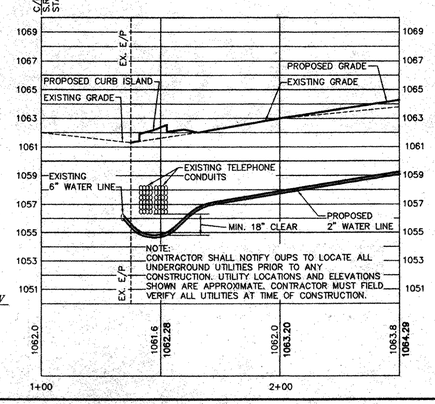
TELEPHONE NOTES

1. THE CONTRACTOR SHALL PROVIDE A 4" PVC SCHD. 40 DUCT WITH PULLWIRE AND SWEEPING BENDS FROM THE EXISTING UTILITY POLE TO THE BUILDING, INCLUDING ALL TRENCHING AND BACKFILLING WORK. TELEPHONE WIRE BY AMERITECH. AMERITECH SHALL VERIFY EXACT LOCATION OF PROPOSED SERVICE. COORDINATE SERVICE WITH JO ANN CARTER @ (330) 384-3556.
2. CONTRACTOR TO COORDINATE NUMBER OF LINES REQUIRED WITH THE OWNER.

WATER NOTES

1. WATER SERVICE MATERIALS SHALL BE COPPER TYPE "K", DIAMETER SHALL BE NOTED ON THESE PLANS AND SHALL BE INSTALLED WITH A MINIMUM COVER OF 48".
2. THE CONTRACTOR'S PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPURTENANCES REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE. COORDINATE ALL SERVICE WORK WITH THE CANTON WATER DEPARTMENT @ (330)-489-3310.
3. THE CANTON WATER DEPARTMENT SHALL MAKE TAP AND EXTEND SERVICE TO THE FIRST CURB BOX INCLUDING EXCAVATION, BACKFILL AND CURB BOX. CONTRACTOR SHALL EXTEND SERVICE FROM THE FIRST CURB BOX TO THE BUILDING INCLUDING ALL TRENCHING, BACKFILL, PIPE, BENDS AND FITTINGS REQUIRED FOR A COMPLETE SERVICE. THE CANTON WATER DEPARTMENT SHALL PROVIDE METER. CONTRACTOR SHALL INSTALL METER AND ALSO SUPPLY AND INSTALL CURB VALVE BOXES ON EACH SERVICE LINE FOR BANK AND SHEETZ STORE.
4. SERVICE ENTRY POINTS INTO THE SERVICE BUILDING SHALL BE VERIFIED WITH ARCHITECTURAL DRAWINGS.

PROPOSED DRIVE PROFILE



DATUM ELEV 1050.0

SAN 1 EXISTING SANITARY MANHOLE
RIM = 1062.68±
EX. INV. 8" (E-S) = 1052.79±

SAN 2 EXISTING SANITARY MANHOLE
RIM = 1062.93±
EX. INV. 8" (NW) = 1055.46±
EX. INV. 8" (E) = 1055.44±

SAN 3 EXISTING SANITARY MANHOLE
RIM = 1062.88±
EX. INV. 8" (N) = 1055.60±
EX. INV. 8" (SE) = 1055.43±
EX. INV. 8" (W) = 1055.86±

SAN 4 EXISTING SANITARY MANHOLE
RIM = 1066.08±
EX. INV. 8" (N) = 1057.03±
EX. INV. 8" (E) = 1057.03±
EX. INV. 8" (S) = 1056.98±

SAN 5 EXISTING SANITARY MANHOLE
RIM = 1062.42
(MANHOLE LOCKED)

SAN 6 EXISTING SANITARY MANHOLE
RIM = 1061.56±
EX. INV. 8" (NW) = 1054.57±
EX. INV. 8" (SE) = 1054.48±

EX. ST EXISTING STORM MANHOLE
RIM = 1062.94±
(MANHOLE LOCKED)

CB 1 EXISTING CATCH BASIN
RIM = 1062.38±
EX. INV. 12" (E) = 1060.62

CB 2 EXISTING CATCH BASIN
RIM = 1062.43±
EX. INV. 12" (NW) = 1060.02±

CB 3 EXISTING CATCH BASIN
RIM = 1063.44±
EX. INV. 12" (N-S) = 1060.70±

CB 4 EXISTING CATCH BASIN
RIM = 1064.59±
EX. INV. 12" (N-S) = 1061.14±

CB 5 EXISTING CATCH BASIN
RIM = 1064.28±
EX. INV. 15" (N) = 1062.06±
EX. INV. 15" (S) = 1061.89±

CB 6 EXISTING CATCH BASIN
RIM = 1065.57±
EX. INV. 12" (N-S) = 1061.77±
CONTRACTOR TO ADJUST RIM
PROPOSED RIM = 1065.77

CB 7 EXISTING CATCH BASIN
RIM = 1065.20±
EX. INV. 12" (N) = 1063.39±
EX. INV. 12" (S) = 1063.08±

CB 8 EXISTING CATCH BASIN
RIM = 1061.41±
EX. INV. 12" (S) = 1059.11±

CB 9 EXISTING CATCH BASIN
RIM = 1061.41±
EX. INV. 12" (S) = 1059.18±

CB 10 EXISTING CATCH BASIN
RIM = 1061.30±
EX. INV. 12" (E-W) = 1058.70±
EX. INV. 12" (N) = 1058.70±

CB 11 EXISTING CATCH BASIN
RIM = 1060.94±
EX. INV. 6" (NW) = 1059.49±
EX. INV. 12" (S) = 1059.06±
INV. 12" (W) = 1059.06
CONTRACTOR SHALL CORE DRILL EXISTING CATCH BASIN FOR NEW CONNECTION & GROUT OPENING.

CB 12 EXISTING CATCH BASIN
RIM = 1062.34±
EX. INV. 6" (N-S) = 1060.69±
EX. INV. 12" (W) = 1060.18±

CB 13 EXISTING CATCH BASIN
RIM = 1062.65±
EX. INV. 8" (W) = 1058.95±
EX. INV. 15" (N) = 1059.65±
EX. INV. 12" (E) = 1060.22±
EX. INV. 15" (S) = 1057.11±

CB 14 EXISTING CATCH BASIN
RIM = 1062.92±
EX. INV. 12" (N) = 1059.42±
EX. INV. 12" (SE) = 1059.47±
EX. INV. 12" (W) = 1057.34±
INV. 12" (E) = 1058.60
CONTRACTOR SHALL CORE DRILL EXISTING CATCH BASIN FOR NEW CONNECTION & GROUT OPENING.

A 1 PROPOSED O.D.O.T. 2-2B CATCH BASIN
RIM = 1060.95
INV. 12" (N&E) = 1059.20

A 2 PROPOSED O.D.O.T. 2-2B CATCH BASIN
RIM = 1061.65
INV. 12" (N) = 1059.30
INV. 12" W/ 8" ORIFICE PLATE (S) = 1059.30
INV. 6" (W) = 1060.00

A 3 PROPOSED O.D.O.T. 2-3 CATCH BASIN
RIM = 1063.56
INV. 12" W/ 6" ORIFICE PLATE (S) = 1059.51
INV. 30" (N) = 1059.51

A 4 PROPOSED O.D.O.T. 2-3 CATCH BASIN
RIM = 1063.85
INV. 30" (S) = 1059.87
INV. 30" (W) = 1059.87

A 5 PROPOSED O.D.O.T. 2-3 CATCH BASIN
RIM = 1064.30
INV. 30" (E) = 1060.21
INV. 8" (SW) = 1062.12
INV. 4" (S) = 1062.35

A 6 PROPOSED O.D.O.T. 2-4 CATCH BASIN
RIM = 1063.30
INV. 36" (N) = 1058.06
INV. 12" W/ 5.75" ORIFICE PLATE (W) = 1058.06

A 7 PROPOSED O.D.O.T. 2-4 CATCH BASIN
RIM = 1062.87
INV. 6" (E) = 1060.16
INV. 36" (S) = 1058.42

TD 1 PROPOSED TRENCH DRAIN
RIM = 1065.60
INV. 8" (E) = 1063.43

TD 2 PROPOSED TRENCH DRAIN
NW RIM = 1065.40
SE RIM = 1065.52
INV. 8" (SW) = 1063.40

GT 1 PROPOSED GREASE TRAP
RIM = 1065.10
INV. (IN) = 1061.82
INV. (OUT) = 1061.57

BENCHMARK 1:
CHISELED "X" IN N.E. ANCHOR BOLT OF SPEEDWAY SIGN AT N.W. COR. OF PERRY DR. AND S.R. 172.
ELEV.=1064.21

BENCHMARK 2:
DRILL HOLE IN TOP E. SIDE OF CONC. LIGHT POLE BASE ON W. SIDE OF PERRY DR. IN ALDI PARKING LOT.
ELEV.=1070.67

BENCHMARK 3:
DRILL HOLE IN W. EDGE CONC. WALK OPPOSITE N.W. COR. OF 2-STORY BRICK HOUSE. ADDRESS 5049 S.R. 172.
ELEV.=1064.96

TW = 0d0'0.00"

Cad File: G:\CIVIL\99118.11\DWG\99118.11SPDBORDER.DWG
Time: 9:35 AM
Date: 10/04/02
Technician: DMTCH/CDCK

GPD ASSOCIATES
GLAUS, PYLE, SCHOMER, BURNS & DEWINE, INC.
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101

SHEET STORE DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION
1	9/16/02	SHEETZ ADDED DRIVE

SHEETZ, INC.
CORNER OF PERRY DR. & TUSCARAWAS ST. W.
PERRY TOWNSHIP, OHIO

UTILITY PLAN

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

UP-1

SHEET 9

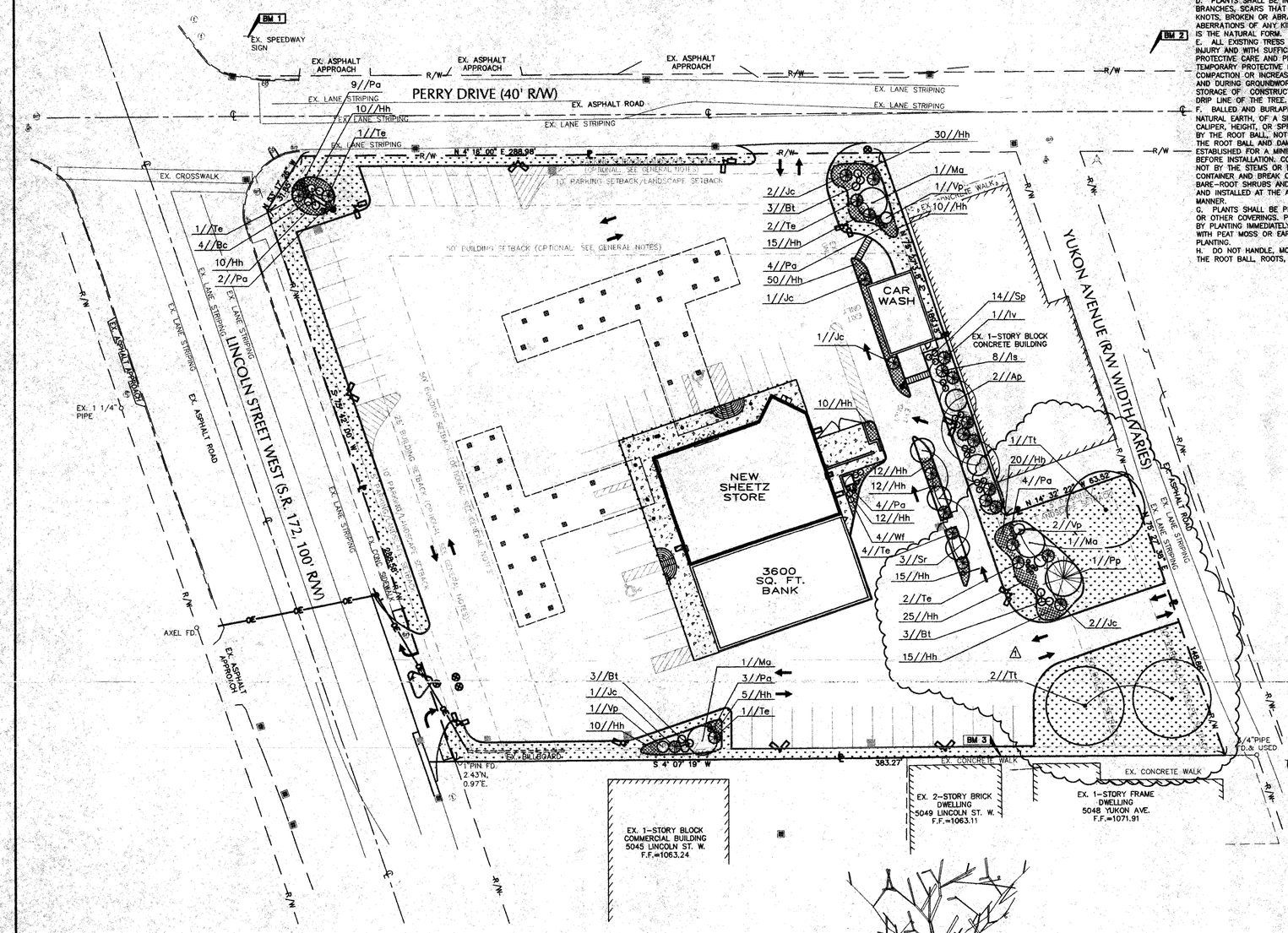
BENCHMARK 1: CHISELED "X" IN N.E. ANCHOR BOLT OF SPEEDWAY SIGN AT N.W. COR. OF PERRY DR. AND S.R. 172. ELEV.=1064.21	BENCHMARK 2: DRILL HOLE IN TOP E. SIDE OF CONC. LIGHT POLE BASE ON W. SIDE OF PERRY DR. IN ALDI PARKING LOT. ELEV.=1070.67	BENCHMARK 3: DRILL HOLE IN W. EDGE CONC. WALK OPPOSITE N.W. COR. OF 2-STORY BRICK HOUSE, ADDRESS 5049 S.R. 172. ELEV.=1084.96

UNDERGROUND UTILITIES

2 WORKING DAYS
BEFORE YOU DIG
CALL 800-362-2764 (TOLL FREE)
OHIO UTILITIES PROTECTION SERVICE

NON-MEMBERS
MUST BE CALLED DIRECTLY

0 30
15 60
HORIZONTAL SCALE IN FEET



PLANTING SPECIFICATIONS

1. SCOPE OF WORK

A. THIS WORK SHALL CONSIST OF PERFORMING CLEARING AND GRUBBING, SOIL PREPARATION, FINISH GRADING, PLANTING AND DRAINAGE, INCLUDING ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT.
B. QUANTITY TAKEOFF IS SUPPLIED FOR CONTRACTOR'S ASSISTANCE ONLY. CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL PLANT MATERIALS AS PER PLAN.
C. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR WITHIN EASEMENT LIMITS.

2. PLANT MATERIALS

A. GENERAL – ALL MATERIALS SHALL BE OF ITS KIND AVAILABLE AND SHALL HAVE BEEN GROWN IN A CLIMATE SIMILAR TO THAT ON SITE.
B. PLANTS – ALL PLANTS SHALL BE HEALTHY, OF NORMAL GROWTH, WELL ROOTED, FREE FROM DISEASE AND INSECTS. QUALITY AND SIZE OF PLANT MATERIAL SHALL CONFORM TO ANSI Z60.1 "AMERICAN STANDARDS FOR NURSERY STOCK".
C. VARIETIES AND SIZES OF PLANTS SHALL BE AS SHOWN ON DRAWINGS.
D. PLANTS SHALL BE IN A HEALTHY, VIGOROUS CONDITION, FREE OF DEAD OR BROKEN BRANCHES, SCARS THAT ARE NOT COMPLETELY HEALED, FROST CRACKS, DISFIGURING KNOTS, BROKEN OR ABRADED BARK, REDUNDANT LEADERS OR BRANCHES, OR ABERRATIONS OF ANY KIND. PLANTS SHALL NOT HAVE MULTIPLE LEADERS, UNLESS THIS IS THE NATURAL FORM.
E. ALL EXISTING TREES WHICH ARE TO BE PRESERVED SHALL BE MAINTAINED WITHOUT INJURY AND WITH SUFFICIENT AREA FOR THE ROOT SYSTEM TO SUSTAIN THE TREE. PROTECTIVE CARE AND PHYSICAL RESTRAINT BARRIERS AT THE DRIP LINE, SUCH AS TEMPORARY PROTECTIVE FENCING, SHALL BE PROVIDED TO PREVENT ALTERATION, COMPACTION OR INCREASED DEPTH OF THE SOIL IN THE ROOT SYSTEM AREA PRIOR TO AND DURING GROUNDWORK AND CONSTRUCTION. HEAVY EQUIPMENT TRAFFIC AND THE STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT OCCUR WITHIN THE DRIP LINE OF THE TREE.
F. BALLED AND BURLAPPED (B&B) PLANTS SHALL BE DUG WITH A FIRM ROOT BALL OF NATURAL EARTH, OF A SIZE IN PROPORTION TO THE PLANT'S SIZE, AS MEASURED BY CALIPER, HEIGHT, OR SPREAD. BALLED AND BURLAPPED PLANTS SHALL BE HANDLED ONLY BY THE ROOT BALL, NOT BY THE TRUNK OR BRANCHES, AS THIS MAY BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. CONTAINER PLANTS SHALL HAVE BEEN ESTABLISHED FOR A MINIMUM OF ONE FULL GROWING SEASON IN THEIR CONTAINERS BEFORE INSTALLATION. CONTAINER PLANTS SHALL BE HANDLED ONLY BY THE CONTAINER, NOT BY THE STEMS OR BRANCHES, AS THIS MAY PULL THE PLANT OUT OF THE CONTAINER AND BREAK OR LOOSEN THE ROOT BALL AND DAMAGE THE ROOT SYSTEM. BARE-ROOT SHRUBS AND GROUNDCOVER PLANTS ARE ACCEPTABLE, IF THEY ARE DUG AND INSTALLED AT THE APPROPRIATE SEASON AND HANDLED IN THE APPROPRIATE MANNER.
G. PLANTS SHALL BE PROTECTED FROM DRYING OUT DURING SHIPPING WITH TARPAULINS OR OTHER COVERINGS. PLANTS SHALL BE PROTECTED FROM DRYING OUT AFTER DELIVERY BY PLANTING IMMEDIATELY. IF THIS IS NOT POSSIBLE, THE ROOT BALL SHALL BE COVERED WITH PEAT MOSS OR EARTH, AND WATERED FREQUENTLY TO KEEP IT MOIST UNTIL PLANTING.
H. DO NOT HANDLE, MOVE, BIND, TIE OR OTHERWISE TREAT PLANTS SO AS TO DAMAGE THE ROOT BALL, ROOTS, TRUNK, OR BRANCHES IN ANY WAY.

3. TOPSOIL FERTILIZER AND SOIL CONDITIONERS

A. TOPSOIL HAS BEEN (OR WILL BE) STOCKPILED FOR REUSE IN LANDSCAPE WORK. IF QUANTITY OF STOCKPILED TOPSOIL IS INSUFFICIENT, PROVIDE ADDITIONAL TOPSOIL AS REQUIRED TO COMPLETE LANDSCAPE WORK. IMPORTED TOPSOIL SHALL CONSIST OF LOOS, FRIABLE, LOAMY TOPSOIL WITHOUT ADMIXTURE OF SUBSOIL OR REFUSE. ACCEPTABLE TOPSOIL SHALL CONTAIN NOT LESS THAN 3 PERCENT NOR MORE THAN 20 PERCENT ORGANIC MATTER.
B. LIME: NATURAL DOLOMITIC LIMESTONE CONTAINING NOT LESS THAN 85 PERCENT TOTAL CARBONATES WITH A MINIMUM OF 30 PERCENT MAGNESIUM CARBONATES, GROUND SO THAT NOT LESS THAN 90 PERCENT PASSES A 10-MESH SIEVE AND NOT LESS THAN 50 PERCENT PASSES A 100-MESH SIEVE.
C. ALUMINUM SULFATE: COMMERCIAL GRADE.
D. PEAT HUMUS: FINELY DIVIDED PEAT, SO COMPLETELY DECOMPOSED AND FREE OF FIBERS THAT ITS BIOLOGICAL IDENTITY IS LOST. PROVIDE IN GRANULAR FORM, FREE OF HARD LUMPS AND WITH pH RANGE SUITABLE FOR INTENDED USE.
E. BONEMEAL: COMMERCIAL, RAW, FINELY GROUND; 4 PERCENT NITROGEN AND 20 PERCENT PHOSPHORIC ACID.
F. SUPERPHOSPHATE: SOLUBLE MIXTURE OF TREATED MINERALS; 20 PERCENT AVAILABLE PHOSPHORIC ACID.
G. SAWDUST: ROTTED SAWDUST, FREE OF CHIPS, STONES, STICKS, SOIL, OR TOXIC SUBSTANCES AND WITH 7.5 POUNDS OF NITROGEN UNIFORMLY MIXED INTO EACH CUBIC YARD OF SAWDUST.
H. MANURE: WELL ROTTED, UNLEACHED STABLE OR CATTLE MANURE CONTAINING NOT MORE THAN 25 PERCENT BY VOLUME OF STRAW, SAWDUST, OR OTHER BEDDING MATERIALS AND CONTAINING NO CHEMICALS OR INGREDIENTS HARMFUL TO PLANTS.
I. MULCH: ORGANIC MULCH FREE FROM DELETERIOUS MATERIALS AND SUITABLE FOR TOP DRESSING OF TREES, SHRUBS, OR PLANTS AND CONSISTING OF ONE OF THE FOLLOWING:

SHREDDED HARDWOOD BARK MULCH (WHERE SHOWN ON DRAWINGS).

J. COMMERCIAL FERTILIZER: COMPLETE FERTILIZER OF NEUTRAL CHARACTER, WITH SOME ELEMENTS DERIVED FROM ORGANIC SOURCES AND CONTAINING PERCENTAGES OF AVAILABLE PLANT NUTRIENTS RECOMMENDED BY LABORATORY REPORT OF TOPSOIL ANALYSIS.
K. PLANTING BACKFILL FOR PARKING LOT ISLANDS SHALL CONSIST OF A HOMOGENEOUS MIXTURE OF 3 PARTS TOPSOIL TO ONE PART SPHAGNUM PEAT INSTALLED OVER A 6" THICKNESS OF NO. 57 AGGREGATE.

4. IRRIGATION

1. CONTRACTOR SHALL PROVIDE & INSTALL AN IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE OF THE SITE. SYSTEM SHALL INCLUDE ALL APPURTENANCES & BE APPROVED BY OWNER.

5. OTHER MATERIALS

A. WEED BARRIER – POLYETHYLENE FILTER FABRIC DESIGNED TO PERMIT WATER INFILTRATION WHILE PREVENTING WEED GROWTH – TO BE INSTALLED IN ALL PLANTING BEDS.
B. METAL BED EDGING – 5 1/4" METAL EDG-KING (OLY-OLA SALES INC.) OR EQUAL. INSTALL WHERE SHOWN ON PLAN.

6. GENERAL WORK PROCEDURES

A. LANDSCAPE WORK SHALL BE ACCORDING TO THE WORKMANLIKE STANDARDS ESTABLISHED FOR LANDSCAPE CONSTRUCTION AND PLANTING IN THE OHIO STANDARDIZED LANDSCAPE SPECIFICATIONS (ASLA) AND ANY LOCAL LANDSCAPE ORDINANCES.

7. WEEDING

A. BEFORE AND DURING PRELIMINARY GRADING AND FINISH GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE.

8. SOIL CONDITIONING

A. OBTAIN LABORATORY ANALYSIS OF STOCKPILED AND IMPORTED TOPSOIL COMPLETE WITH RECOMMENDATIONS FOR SOIL AMENDMENT.
B. BEFORE MIXING, CLEAN TOPSOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIALS HARMFUL OR TOXIC TO PLANT GROWTH.
C. MIX SPECIFIED SOIL AMENDMENTS AND FERTILIZERS WITH TOPSOIL AT RATES SPECIFIED BY THE LAB REPORT. DELAY MIXING OF FERTILIZER IF PLANTING WILL NOT FOLLOW PLACING OF PLANTING SOIL WITHIN A FEW DAYS.
D. FOR PLANTING BEDS AND LAWNS, MIX PLANTING SOIL EITHER PRIOR TO PLANTING OR APPLY ON SURFACE OF TOPSOIL AND MIX THOROUGHLY BEFORE PLANTING. MIX LIME WITH DRY SOIL PRIOR TO MIXING OF FERTILIZER.
E. PREVENT LIME FROM CONTACTING ROOTS OF ACID-LOVING PLANTS.
F. APPLY PHOSPHORIC ACID FERTILIZER (OTHER THAN THAT CONSTITUTING A PORTION OF COMPLETE FERTILIZERS) DIRECTLY TO SUBGRADE BEFORE APPLYING PLANTING SOIL AND TILLING.

9. PLANTING

A. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE EXCAVATING PITS, MAKING NECESSARY ADJUSTMENTS AS DIRECTED.
B. PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH WIDTH TWICE THE DIAMETER OF ROOT BALL AND 6" DEEPER THAN THE LENGTH OF ROOT BALL. EACH PLANT PIT SHALL BE BACKFILLED WITH THE SPECIFIED PLANTING MEDIUM.
C. PREPARED SOIL SHALL BE TAMPED FIRMLY AT BOTTOM OF PIT. FILL PREPARED SOIL AROUND BALL OF PLANT 1/2 WAY, AND INSERT PLANT TABLETS. COMPLETE BACKFILLING AND WATER THOROUGHLY.
D. ALL PLANTS SHALL BE SET SO THAT, WHEN SETTLED, THEY BEAR THE SAME RELATION TO THE REQUIRED GRADE AS THEY BORE TO THE NATURAL GRADE BEFORE BEING TRANSPLANTED.
E. IMMEDIATELY AFTER PLANTING, STAKE ALL TREES TO PREVENT DAMAGE FROM WIND (LODGE-POLE STAKES LENGTH AS REQUIRED). FASTEN TREES TO UPPER END OF STAKE IN AT LEAST TWO (2) PLACES USING HOSE TYPE TIES. WRAP TRUNKS OF DECIDUOUS TREES WITH 4" WATERPROOF TREE WRAP.
F. STAKING SHALL BE INSPECTED PERIODICALLY AND SHALL BE REMOVED, REPAIRED OR ADJUSTED DEPENDING UPON THE NECESSITY OF ITS CONTINUED USE.
G. PREPARE RAISED EARTH BASIN AS WIDE AS PLANTING HOLE OF EACH PLANT.
H. WATER IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED.
I. INSTALL BED EDGING, WEED BARRIER AND MULCH.
J. REMOVE ALL SALES TAGS, STRINGS, STRAPS, WIRE, ROPE OR OTHER MATERIALS THAT MAY INHIBIT PLANT GROWTH BOTH ABOVE AND BELOW THE SURFACE OF THE SOIL.
K. REMOVE ANY BROKEN, SUCKERING, DISEASED, CRISSCROSSED OR AESTHETICALLY DISPLEASING BRANCHES BACK TO LIVE LEADER OR SIDE LATERAL.
L. MULCH TREES AND SHRUBS AND OTHER AREAS NOTED ON THE PLANTING PLAN WITH A 3" LAYER OF SHREDDED BARK OF CEDAR, CYPRESS OR HARDWOODS. THE MULCH SHALL BE FREE OF INSECTS, DEBRIS, STONES AND ANY OTHER UNDESIRABLE SUBSTANCES.
M. FERTILIZE TREES AND SHRUBS WITH A COMMERCIAL SLOW RELEASE 12-12-12 FERTILIZER AT THE RATE SUGGESTED BY THE MANUFACTURER.

10. FINISH GRADING

A. ALL AREAS WILL BE GRADED BY THE CONTRACTOR TO SUBSTANTIALLY PLUS/MINUS 0.1 FOOT OF FINISH GRADE.
B. ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN, UNIFORM PLANE WITH NO ABRUPT CHANGE OF SURFACE. SOIL AREAS ADJACENT TO THE BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS.
C. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER.
D. PARKING LOT ISLAND SHALL BE BACKFILLED AS PART OF THIS CONTRACT. BACKFILL AND FINISH GRADING SHALL BE INSTALLED AS DETAILED ON THIS SHEET.

11. GUARANTEE

A. CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF ONE (1) YEAR.

12. CLEAN-UP

A. UPON THE COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. AN "ACCEPTABLE CONDITION" SHALL BE AS DEFINED AND APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

13. MAINTENANCE (MAINTENANCE PERIOD TO COMMENCE AFTER FINAL INSPECTION.)

A. MAINTENANCE PERIOD FOR THIS CONTRACT SHALL BE 90 CALENDAR DAYS COMMENCING AFTER FINAL INSPECTION OF CONSTRUCTION.
B. MAINTAIN TREES, SHRUBS AND OTHER PLANTS BY PRUNING, CULTIVATING AND WEEDING AS REQUIRED FOR HEALTHY GROWTH. RESTORE PLANTING SAUCERS, TIGHTEN AND REPAIR STAKE AND GUY SUPPORTS AND RESET TREES AND SHRUBS TO PROPER GRADES OR VERTICAL POSITION AS REQUIRED. RESTORE OR REPLACE DAMAGED WRAPPINGS. SPRAY AS REQUIRED TO KEEP TREES AND SHRUBS FREE OF INSECTS AND DISEASE.
C. MAINTAIN LAWNS BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, AND OTHER OPERATIONS SUCH AS ROLLING, REGRADING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS.
D. MAINTAIN THE LANDSCAPING BY KEEPING ALL PLANTS DISEASE-FREE AND PLANTING BEDS GROOMED, EXCEPT IN NATURALLY OCCURRING VEGETATION AREAS.
E. REPLACE ANY REQUIRED PLANTING(S), WHICH SEVERLEY DECLINE OR DIE AFTER THE DATE OF PLANTING. SUCH REPLACEMENT SHALL OCCUR DURING THE NEXT PLANTING SEASON.

14. SODDING

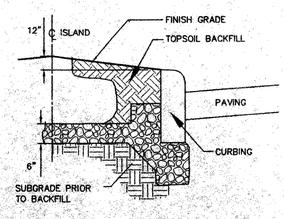
A. SOD SHALL BE FIRST GRADE CERTIFIED KENTUCKY BLUEGRASS BLEND MEETING THE REQUIREMENTS OF ODOT ITEM 660.

LEGEND:

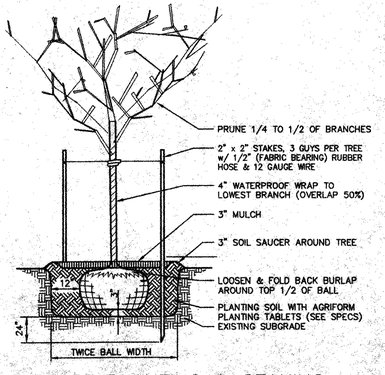
- CENTER LINE
- RIGHT OF WAY LINE
- NEW PROPERTY LINE
- EXISTING CURB
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING TELEPHONE MANHOLE
- EXISTING CATCH BASIN
- PROPOSED AUTO CASHIER
- PROPOSED TRANSFORMER
- RELOCATED LIGHT POLE
- PROPOSED LIGHT FIXTURES
- PROPOSED KEROSINE TANK
- PROPOSED CATCH BASIN
- PROPOSED SIGN
- PROPOSED FLAG POLE
- PROPOSED BOLLARD
- PROPOSED CURB
- PROPOSED CONCRETE
- PROPOSED TRENCH DRAIN
- PROPOSED BED EDGING
- PLANT QUANTITY AND SYMBOL
- PROPOSED SOD AREA
- PERENNIAL MASS PLANTING
- PROPOSED TREE/SHRUB

PLANT LIST

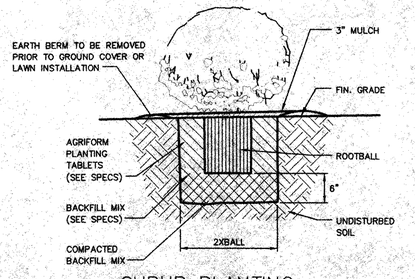
Symbol	Botanical Name	Common Name	Qty.	Size	Condition	Remarks
Ap	Aesculus parviflora	Bottlebrush Buckeye	2	48"	B&B	specimen
Bc	Berberis thunbergii atropurpurea 'Nana'	Crimson Pygmy Barberry	4	18"	B&B	3' o/c
Bt	Berberis thunbergii 'Rosy Glow'	Rosy Glow Barberry	9	18"	B&B	3' o/c
Hh	Hemerocallis 'Happy Returns'	Happy Returns Daylily	261	#2	Cont.	18" o/c
Is	Ilex serrata x verticillata 'Sparkleberry'	Sparkleberry Winterberry	8	36"	B&B	6' o/c
Iv	Ilex serrata x verticillata 'Apollo'	Apollo Winterberry	1	36"	B&B	6' o/c
Jc	Juniperus chinensis 'Old Gold'	Old Gold Juniper	7	30"	B&B	4' o/c
Ma	Malus 'Professor Sprenger'	Professor Sprenger Crabapple	3	1½" cal.	B&B	matched
Pa	Pennisetum alopecuroides 'Hameln'	Hameln Dwarf Fountain Grass	26	#2	Cont.	2' o/c
Pp	Picea pungens	Colorado Spruce	1	6'H	B&B	specimen
Sp	Spiraea nipponica 'Snowmound'	Snowmound Spiraea	14	#3	Cont.	3' o/c
Sr	Syringa reticulata 'Ivory Silk'	Ivory Silk Tree Lilac	3	1½" cal.	B&B	matched
Te	Taxus x media 'Everlow'	Everlow Yew	11	24"	B&B	4' o/c
Tt	Tilia tomentosa 'Satin Shadow'	Satin Shadow Linden	3	2" cal.	B&B	matched
Vp	Viburnum plicatum tomentosum 'Shasta'	Shasta Doublefile Viburnum	4	36"	B&B	8' o/c
Wf	Weigela florida 'Wine and Roses'	Wine and Roses Weigela	4	#5	Cont.	3' o/c



PARKING LOT ISLAND BACKFILL
NOT TO SCALE



TREE PLANTING & STAKING
NOT TO SCALE



SHRUB PLANTING
NOT TO SCALE

GPD ASSOCIATES
420 South Main Street, Suite 201 Akron, Ohio 44311
330.572.2100 Fax 330.572.2101

SHEETZ DESIGN DEPARTMENT

SHEETZ INCORPORATED
5700 SIXTH AVENUE
ALTOONA
PENNSYLVANIA 16602
(814) 946-3611

REV.	DATE	DESCRIPTION
1	9/16/02	SHEETZ ADDED DRIVE

SHEETZ, INC.
CORNER OF PERRY DR. & LINCOLN ST. W.
PERRY TOWNSHIP, OHIO
LANDSCAPING PLAN

	DATE
DESIGNED D.A.S.	7/17/02
DRAWN D.J.H.	7/17/02
CHECKED	

JOB NO. 99118.11

L-1
SHEET 10

Cad File: J:\Cmb\99118\11\DWG\99118110SDDRDRLDWG
Layout: L-1 Plan
Date: 07-15-02
Admincom: BATCHCOCK

1" = 0d0'0.00"