

Benchmark #1:
TOP OPERATING NUT OF HYDRANT
LOCATED @ THE INTERSECTION
OF WALES AVE. & BURD AVE.
Elevation = 239.36

PARKING SUMMARY:
STANDARD SPACES = 44

LANDSCAPE MOUND
(4'-6" MIN. HEIGHT)

BURD AVENUE N.E. - 50'

WALES AVE. N.E.

(PERRY TOWNSHIP)
(JACKSON TOWNSHIP)

TYPICAL PAVEMENT SECTION
NOT TO SCALE
(OR AS APPROVED BY OWNER)

- ITEM 404 - 1" ASPHALT CONCRETE SURFACE COURSE
- ITEM 402 - 2" BITUMINOUS AGGREGATE BASE
- ITEM 408 - BITUMINOUS PRIME COAT (0.4 GAL S.Y.)
- ITEM 304 - 6" AGGREGATE BASE
- ITEM 203 - COMPACTED SUBGRADE

STORM SEWER DATA	
STRUCTURE DATA	PIPE DATA
D1: 12" x 36" SADDLE CONNECTION INVERT IN 235.62 PROP. INVERT IN 236.62 PD2	
D2: CATCH BASIN ODOT 2-2-B TOP 240.50 INV OUT 238.00 PD2	PD2: 72 L.F. 12" CONDUIT TYPE B R=1.92%

KEYNOTES

KEYNOTE #: DESCRIPTION; REFERENCE DRAWING #

- CONCRETE CURB, TYPE 6; ODOT BP-5.1
- TEMPORARY SILT FENCE; ODOT DM-4.4
- TEMPORARY INLET PROTECTION; ODOT DM-4.4
- PARKING STRIPES; MUTCD 3B-19
- BEGIN CURB REMOVAL
- END CURB
- TAPER CURB FROM 6" TO 0" IN HEIGHT IN 4 LINEAL FEET

ODOT REFERENCE DRAWING NUMBERS REFER TO OHIO DEPARTMENT OF TRANSPORTATION "STANDARD ROADWAY CONSTRUCTION DRAWINGS" MOST CURRENT EDITION.

MUTCD REFERENCE DRAWING NUMBERS REFER TO THE "OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" MOST CURRENT EDITION.

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE CODES, ORDINANCES, AND STANDARD SPECIFICATIONS OF THE CITY OF MASSILLON. IN LIEU OF ANY LOCAL SPECIFICATIONS WORK SHALL BE DONE IN CONFORMANCE WITH THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS MOST RECENT EDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR CONSTRUCTION.
- ALL EXISTING FIELD CONDITIONS SHALL BE FIELD CHECKED AND VERIFIED BY CONTRACTORS PRIOR TO BIDDING AND CONSTRUCTION. SHOULD THERE BE ANY DISCREPANCY BETWEEN PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR MUST SEEK WRITTEN CLARIFICATION FROM THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK.
- SHOULD THE CONTRACTOR ENCOUNTER CONFLICT BETWEEN THESE PLANS AND SPECIFICATIONS, EITHER AMONG THEMSELVES OR WITH THE REQUIREMENTS OF ANY AND ALL REVIEWING AND PERMIT-ISSUING AGENCIES, THE CONTRACTOR SHALL SEEK CLARIFICATION IN WRITING FROM THE OWNER'S REPRESENTATIVE BEFORE COMMENCEMENT OF CONSTRUCTION.
- IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT ALL ITEMS ON THESE PLANS USING CONSTRUCTION MEANS AND METHODS THAT WILL PROTECT PROPERTY AND PREVENT BODILY INJURY AND/OR DEATH. THE CONTRACTOR SHALL TAKE ANY NECESSARY SAFETY PRECAUTIONS TO COMPLY WITH THE SAFETY REQUIREMENTS OF CITY, STATE, AND FEDERAL GOVERNMENTS.
- CONSTRUCTION SHALL BE PERFORMED, AND EQUIPMENT STORED, IN A MANNER WHICH PERMITS EXISTING FACILITIES TO PERFORM WITHOUT INTERRUPTION.
- THE CONTRACTOR SHALL PERFORM WORK SO AS TO NOT DISTURB, DAMAGE OR DESTROY ANY MAILBOX, PAPER BOX, TELEPHONE OR POWER POLES, SIGNS, FENCES, RETAINING WALLS, LANDSCAPING ITEMS, ETC. ANY ITEM DAMAGED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY ITEM DISTURBED OR IN CONFLICT WITH THE WORK TO BE PERFORMED SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE NOTED ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING, WHICH SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 201. THIS WORK SHALL CONSIST OF CLEARING, GRUBBING, SCALPING, REMOVAL OF TREES AND STUMPS, AND REMOVING AND DISPOSING OF ALL VEGETATION AND DEBRIS WITHIN THE LIMITS DESIGNATED ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS. THIS WORK SHALL CONSIST OF THE REMOVAL, WHOLLY OR IN PART, AND SATISFACTORY DISPOSAL OF ALL BUILDINGS, FENCES, GUARDRAILS, STRUCTURES, OLD PAVEMENTS, ABANDONED PIPE LINES, STORAGE TANKS, PRIVY VAULTS, AND ANY OTHER OBSTRUCTIONS WHICH ARE NOT DESIGNATED OR PERMITTED TO REMAIN, EXCEPT FOR THE OBSTRUCTIONS TO BE REMOVED UNDER OTHER ITEMS IN THE DESIGN PLANS.
- THE CONTRACTOR SHALL PERFORM EXCAVATION AND EMBANKMENT ACTIVITIES IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 203. THIS WORK SHALL CONSIST OF PREPARATION OF AREAS UPON WHICH EMBANKMENTS ARE TO BE PLACED; EXCAVATION AS REPRESENTED ON THE PLANS, INCLUDING THE REMOVAL OF ALL MATERIAL ENCOUNTERED NOT BEING REMOVED UNDER ANOTHER ITEM; CONSTRUCTING EMBANKMENTS WITH THE EXCAVATED MATERIAL AND MATERIAL FROM OTHER SOURCES NECESSARY TO COMPLETE THE PLANNED EMBANKMENTS; FURNISHING AND INCORPORATING ALL WATER REQUIRED FOR COMPACTING EMBANKMENT AND SUBGRADE; DISPOSING OF UNSUITABLE AND SURPLUS MATERIAL; PREPARING THE SUBGRADE; TESTING THE STABILITY AND UNIFORMITY OF COMPACTION OF THE SUBGRADE FOR AREAS SPECIFICALLY CALLED FOR ON THE PLANS; ALL IN CLOSE CONFORMITY WITH THE LINES, GRADES, AND THICKNESSES SHOWN ON THE PLANS.
- THE CONTRACTOR MUST MEET THE FOLLOWING COMPACTION REQUIREMENTS:
A.) RELATIVE COMPACTION UNDER BUILDINGS (TO WITHIN 5 FT. OF BUILDING LIMITS) AND UNDER PAVEMENT AREAS SHALL MEET 100% OF THE "STANDARD" PROCTOR MAXIMUM DRY DENSITY WITH A WATER CONTENT WITHIN $\pm 2\%$ OF THE LABORATORY "OPTIMUM WATER CONTENT".
B.) RELATIVE COMPACTION WITHIN UTILITY TRENCHES SHALL MEET 95% OF THE "STANDARD" PROCTOR MAXIMUM DRY DENSITY WITH A WATER CONTENT WITHIN $\pm 3\%$ OF THE LABORATORY "OPTIMUM WATER CONTENT".
C.) RELATIVE COMPACTION WITHIN YARD AREAS SHALL MEET 90% OF THE "STANDARD" PROCTOR MAXIMUM DRY DENSITY WITH A WATER CONTENT WITHIN $\pm 3\%$ OF THE LABORATORY "OPTIMUM WATER CONTENT".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL, WHICH SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 207. THIS WORK SHALL CONSIST OF TEMPORARY CONTROL MEASURES AS DETAILED IN THE PLANS OR ORDERED BY THE ENGINEER DURING THE EXTENT OF THE CONSTRUCTION PERIOD TO CONTROL SOIL EROSION AND SEDIMENTATION THROUGH USE OF INLET PROTECTION AND SILT FENCES, AS DESIGNATED ON THE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THE PROPOSED PAVEMENT IN THE LOCATIONS REPRESENTED ON THE PLANS AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE REFERENCED ODOT ITEMS AND THE TYPICAL SECTIONS SHOWN ON THE PLANS.
- UNLESS OTHERWISE NOTED, ALL STORM SEWER INSTALLATIONS ARE TO BE INSTALLED USING TYPE B CONDUITS WITH CLASS B BEDDING IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 609. THE FOLLOWING MATERIALS SHALL BE USED:
A.) REINFORCED CONCRETE PIPE (RCP) IN ACCORDANCE WITH ODOT ITEM 706.02
B.) HIGH-DENSITY CORRUGATED POLYETHYLENE (HDPE) SMOOTH LINED PIPE IN ACCORDANCE WITH ODOT ITEM 707.33
C.) POLYVINYL CHLORIDE SOLID WALL PIPE (PVC) IN ACCORDANCE WITH ODOT ITEM 707.45
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND CONSTRUCTING ALL MANHOLES, CATCH BASINS, AND INLETS REPRESENTED ON THE PLANS IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 604. THIS SHALL INCLUDE ALL APPURTENANCES NECESSARY TO PROVIDE A COMPLETE FINISHED STRUCTURE, SUCH AS CAST FRAMES, GRATES, COVERS, STEPS AND OTHER SPECIFIED MATERIALS.
- ALL CATCH BASINS LOCATED IN PAVED AREAS SHALL BE EQUIPPED WITH BICYCLE SAFE GRATES. BICYCLE SAFE GRATES SHALL BE NEENAH No. R-4859-C OR EAST JORDAN IRON WORKS No. 5110 TYPE M2 OR AN APPROVED EQUAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING CURBS IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 609. THIS WORK SHALL CONSIST OF FURNISHING AND CONSTRUCTING CURB AND COMBINATION CURB AND GUTTER OF THE SPECIFIED MATERIALS AND TYPES, IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS. THIS ITEM SHALL ALSO INCLUDE NECESSARY EXCAVATION AND BACKFILL, FURNISHING AND INSTALLING JOINT MATERIALS, AND THE DISPOSAL OF SURPLUS EXCAVATION AND DISCARDED MATERIALS IN ACCORDANCE WITH ODOT ITEM 203.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 614. THIS WORK SHALL CONSIST OF MAINTAINING AND PROTECTING VEHICULAR AND PEDESTRIAN TRAFFIC AS NECESSARY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 616. THIS WORK SHALL CONSIST OF APPLYING, WHEN ORDERED, WATER OR DUST PALLIATIVE FOR THE ALLEVIATION OR PREVENTION OF DUST NUISANCE ORIGINATING FROM THE PROJECT SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPOSED PAVEMENT STRIPING, AS DESIGNATED ON THE PLAN. THIS WORK SHALL CONSIST OF FURNISHING AND APPLYING ALKYD OR WATERBASED TRAFFIC PAINT IN ACCORDANCE WITH ODOT ITEMS 641, 740.02 AND THE ADDITIONAL REQUIREMENTS DESCRIBED IN ODOT ITEM 642.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STRIPPING AND STOCKPILING TOPSOIL IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 651. THIS WORK SHALL CONSIST OF STRIPPING TOPSOIL FROM DESIGNATED AREAS WITHIN THE WORK LIMITS, TRANSPORTING AND STORING IN PILES AT LOCATIONS DESIGNATED BY THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING STOCKPILED TOPSOIL IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 652. THIS WORK SHALL CONSIST OF HAULING AND SPREADING TOPSOIL FROM STOCKPILES, AND PREPARING THE SUBGRADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING AND MULCHING ALL DISTURBED AND PROPOSED YARD AREAS IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT ITEM 650. THIS WORK SHALL CONSIST OF FURNISHING ALL SEED, AGRICULTURAL LIMING MATERIALS, COMMERCIAL FERTILIZER, MULCHING MATERIAL, AND WATER AND PLACING AND INCORPORATING WHERE NECESSARY.
- LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON FIELD LOCATIONS OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER AND GAS GATES, ETC., TOGETHER WITH INFORMATIONAL DATA FROM PLANS AND RECORDS SUPPLIED BY VARIOUS UTILITY COMPANIES AND GOVERNMENT AGENCIES. ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK OR CALL 1-800-362-2764.
- CONTRACTOR SHALL PROVIDE THE NECESSARY BARRICADES & SIGNAGE TO INFORM PATRONS THAT SECTIONS OF THE PARKING LOT ARE CLOSED.

- DENOTES FULL DEPTH PAVEMENT REMOVAL
- DENOTES AREA OF PROPOSED PAVEMENT

EARTHWORK SUMMARY:

FILL = 454 C.Y.
CUT = 56 C.Y.
NET = 398 C.Y. FILL
(INCLUDES A 10% COMPACTION FACTOR)

BRYAN J. ASHMAN
JEROLD E. GEBB
COOPER & ASSOCIATES, LLP
ENGINEERS AND SURVEYORS
PHONE (330) 452-6731
FAX (330) 452-9710

1380 MARKET
AVENUE NORTH
CANTON, OHIO
44705

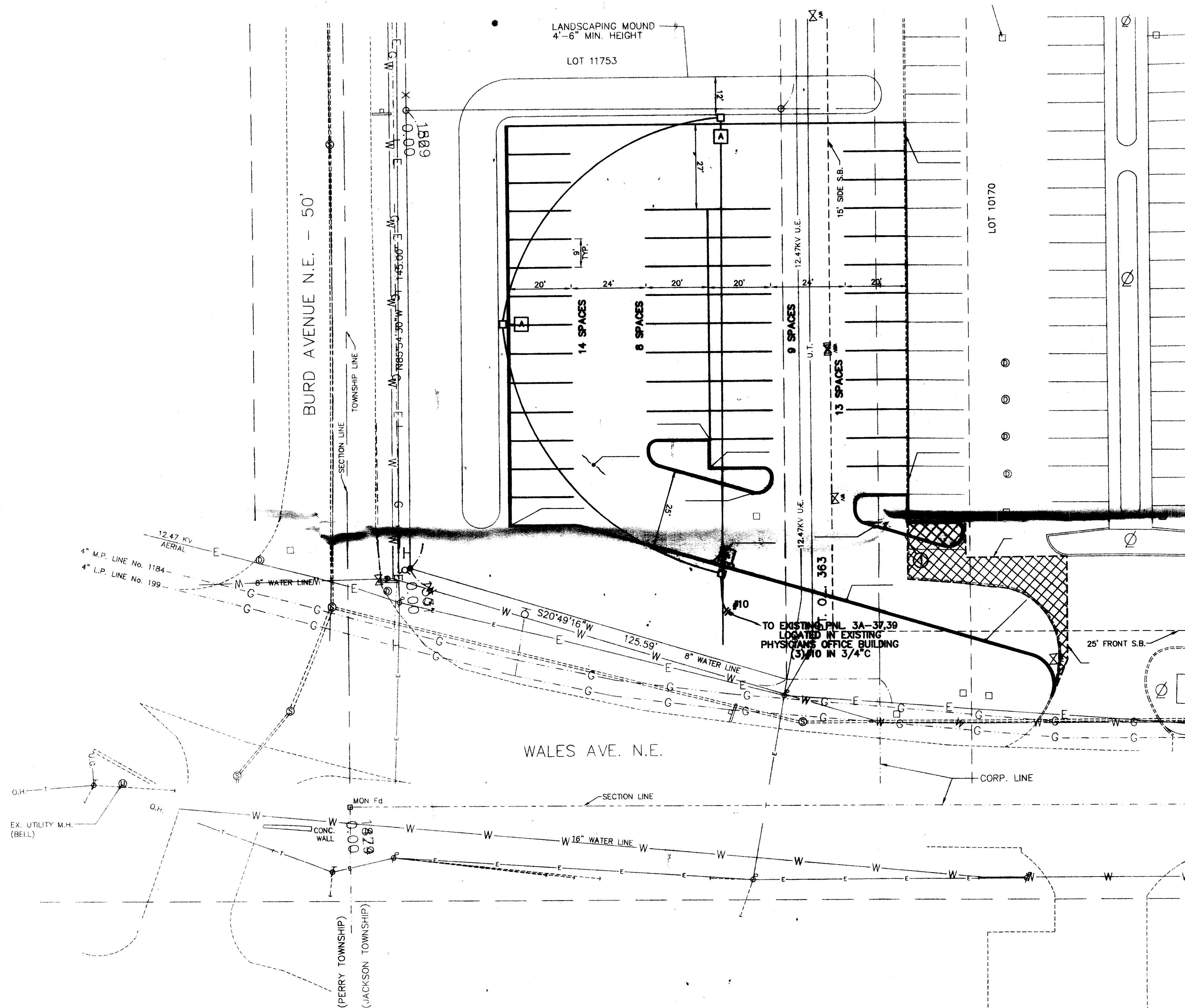
SITE PLAN
AULTMAN WEST
PARKING EXPANSION SOUTH
IN THE CITY OF MASSILLON, STARK COUNTY, OHIO
FOR: AULTMAN HEALTH FOUNDATION

DRAWN BY: M.B.J.
CHECKED BY:
FIELD BOOK No.
DATE 04/29/2002
SHEET

1 of 1

PROJ. # 02171

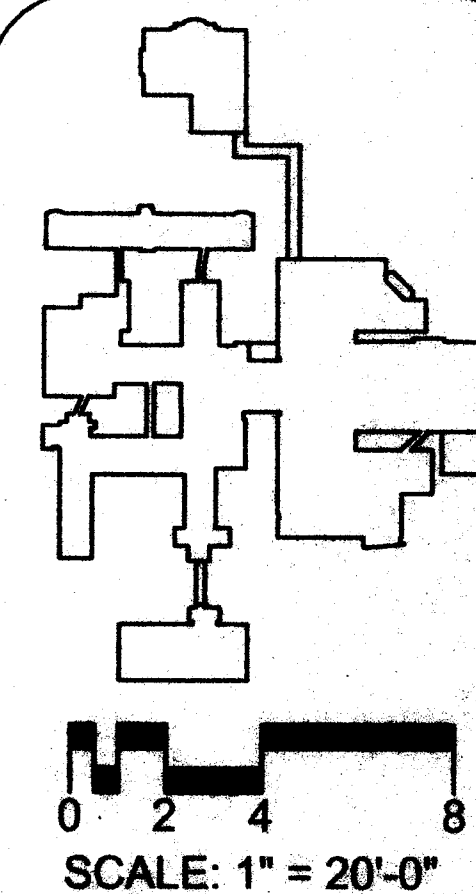
SITE PLAN



PARKING LOT EXPANSION LIGHTING
SCALE = 1" = 20'-0"

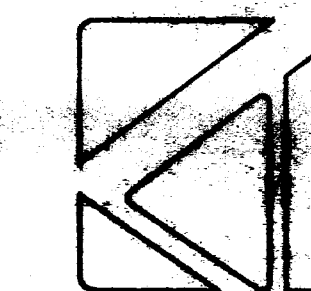
FIXTURE SCHEDULE			
SYMBOL	DESCRIPTION	LAMPS	WATTAGE
A	LITHONIA #RAD-400W-R4-HS-200-SPD04-DF-D08	(1) 400W	400
POLE	K.W. INDUSTRIES 30' X 6" SQUARE STEEL POLE WITH DARK GRAY POLYESTER POWDER FINISH, GROUND COVER AND GULLED FOR MOUNTING ONE LUMINAIRE	N.A.	N.A.

3A		120/208V, 3Ø, 4W. 150A. M.C.B.		***EXISTING***				
NO.	DESCRIPTION	WATTS	A	B	C	WATTS	DESCRIPTION	NO.
1	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	2
3	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	4
5	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	6
7	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	8
9	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	10
11	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	12
13	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	14
15	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	16
17	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	18
19	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	20
21	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	22
23	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	24
25	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	26
27	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	28
29	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	30
31	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	32
33	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	34
35	EXISTING LOAD	EX.	0	0	0	EX.	EXISTING LOAD	36
37	EXTERIOR LIGHTING	1440	0	0	0	EX.	EXISTING LOAD	38
39			0	0	0		SPARE	40
41	SPARE		0	0	0		SPARE	42



**AULTMAN
CONSTRUCTION**

CANTON OHIO



AULTMAN WEST	REVISIONS:
	1 GENERAL REVISIONS
	7-12-02

PROJECT ENGINEER:
WILLIAM B. HENNE JR.

DATE:
6-18-02

PROJECT:
SITE LIGHTING

FLOOR PLAN
E-1