

KFC / TACCO BELL

LONDON GROVEPORT ROAD

GROVE CITY, OHIO 43123

SITE DESCRIPTION

THE SITE IS CONSIDERED OUTLOT 'C' OF THE GROVE CITY MEIJER STORE (#834) LOCATED AT 281 LONDON-GROVEPORT RD. OUTLOT 'C' IS A 1.7 ACRE PARCEL. IT IS BOUNDED BY UNDEVELOPED LOTS WITH STEEP SLOPES ON THE NORTH AND WEST SIDES OF THE SPLIT. THE SOUTHERN ONE-SI/4 AC CONSERVATION EASEMENT THAT ENCOMPASSES THE SPLIT. THE DEVELOPED SITE WILL CONSIST OF A NEW KENTUCKY ROAD CHICKEN/TACO BELL STORE WITH ASSOCIATED PARKING, DRIVES, AND WALKS.

NOTE: ALL WORK ON MEIJER PROPERTY SHALL BE COORDINATED WITH THE MEIJER PROJECT MANAGER.

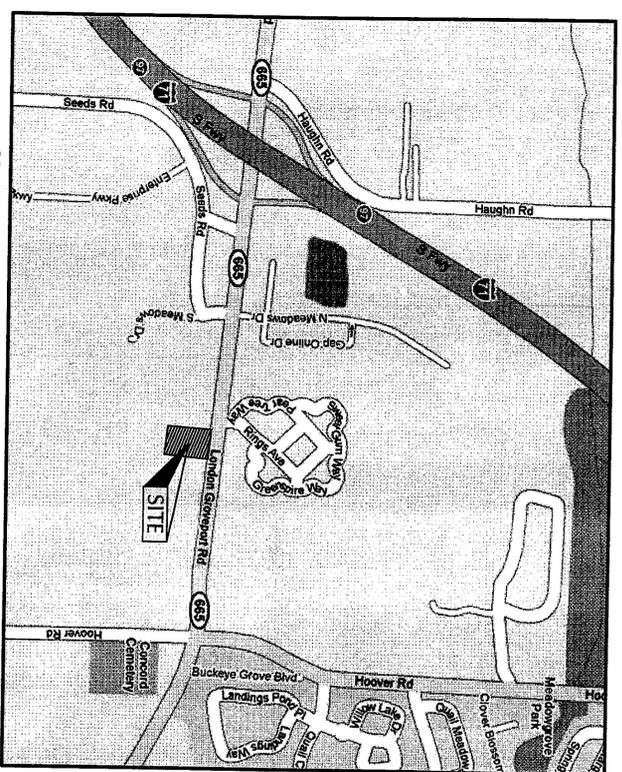
Underground Utilities

2 Working Days Before You Dig
Call 800-362-2764 (Toll Free)
Ohio Utilities Protection Service
Non-members Must Be Called Directly
Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service

BENCHMARKS:
BENCHMARK #1 - "BOX CUT" ON LIGHT POLE BASE.
ELEVATION=826.60
BENCHMARK #2 - "ARROW" SYMBOL ON HYDRANT.
ELEVATION=828.11

GROVE CITY STANDARD CONSTRUCTION DRAWINGS

C-GC-3	PRECAST MANHOLE	11/17/1993
C-GC-24	PIPE HEADWALL	7/17/1975
C-GC-37	6" SANITARY SEWER SERVICE	11/17/1993
C-GC-46a	TYPICAL SIDEWALK DETAIL	11/15/2005
C-GC-77	SEDIMENT AND EROSION CONTROL GENERAL NOTES	11/15/2005



SITE LOCATION MAP

INDEX OF DRAWINGS

T-001	TITLE SHEET
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C-001	ALTA SURVEY (2 OF 2)
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C-121	SITE PLAN
C-131	GRADING PLAN
C-141	STORMWATER POLLUTION PREVENTION PLAN
C-501	UTILITY PLAN
C-502	DETAILS
C-503	DETAILS
C-504	DETAILS
C-505	TRUCK TURNING TEMPLATE
C-506	STORM SEWER PROFILES
L-001	LANDSCAPE SPECIFICATIONS
L-101	LANDSCAPE PLAN
L-501	LANDSCAPE DETAILS
E1.0	PHOTOMETRIC PLAN

REVISIONS

REV	DATE	DESCRIPTION	SHEETS
△	9.25.09	MEIJER REVIEW	T-001, C-001, C-111, C-121, C-131, C-141, C-501, C-502, C-503, C-504, C-505, C-506, L-001, L-101

SIGNATURE BLOCK

CITY ADMINISTRATOR _____

SERVICE DIRECTOR _____

REVIEW FOR THE CITY OF GROVE CITY _____

JACKSON TOWNSHIP FIRE DEPARTMENT _____

DEVELOPMENT PLAN

PROJECT TITLE: KFC/TACCO BELL

CITY PROJECT NUMBER: 200909140043

OWNER: KFC U.S. PROPERTIES, A DELAWARE CORPORATION

ATTN: STEVE DORSEY

1900 COLONEL SANDERS LANE

LOUISVILLE, KY 40213

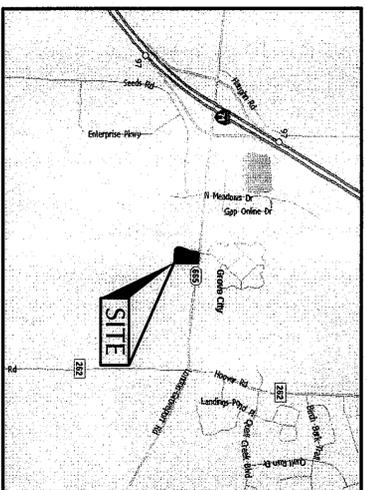
DATE: 9/4/09



ALTA \ ACSM SURVEY
PART OF VIRGINIA MILITARY SURVEY NO. 6115
CITY OF GROVE
COUNTY OF FRANKLIN
STATE OF OHIO

SCHEDULE B - SECTION 2:

- LAWYERS TITLE INSURANCE COMPANY
 COMMITMENT No. 09-38350
 EFFECTIVE DATE: JULY 10, 2008, AT 6:00 AM
9. Easement granted to Columbus and Southern Ohio Electric Company, of record in Deed Book 1715, page 281, Franklin County records.
 Partial Release of Easement recorded in Instrument No. 200806250097881, aforesaid (DOES NOT AFFECT SITE)
 10. Deed of Easement by and between Fedex Ground Package System, Inc and Columbus Southern Power Company dated April 17, 2006, and recorded in Instrument No. 200605090089632, Franklin County records.
 (DOES NOT AFFECT SITE)
 11. Easement by and between Jack D. Stroder and Ruth E. Stroder and Columbus Southern Power Company dated April 22, 2006 and recorded in Instrument No. 200605090089633, Franklin County records.
 (DOES NOT AFFECT SITE)
 12. Easement by and between Mouth of Wilson, LLC and Columbus Southern Power Company dated April 22, 2006, and recorded in Instrument No. 200605090089635, Franklin County records.
 (DOES NOT AFFECT SITE)
 13. Nonexclusive Access Easement (Access to London-Groveport) by and between Meljer Stores Limited Partnership and Mouth of Wilson, LLC dated April 22, 2006, and recorded in Instrument No. 200605090089641, Franklin County records.
 (DOES NOT AFFECT SITE)
 14. Declaration of Restrictions (No-Build) by and between Meljer Stores Limited Partnership and Mouth of Wilson, LLC dated April 22, 2006, and recorded in Instrument No. 200605090089643, Franklin County records.
 (DOES NOT AFFECT SITE)
 15. Declaration of Restrictions (No-Build) by and between Mouth of Wilson, LLC and Meljer Stores Limited Partnership dated April 22, 2006, and recorded in Instrument No. 200605090089644, Franklin County records.
 (DOES NOT AFFECT SITE)
 16. Declaration of Restrictions (MOW Property) by and between Mouth of Wilson, LLC and Meljer Stores Limited Partnership dated April 22, 2006, and recorded in Instrument No. 200605090089653, Franklin County records.
 (DOES NOT AFFECT SITE)
 17. Nonexclusive Driveway Access Easement (Nursery Business) by and between Meljer Stores Limited Partnership and Mouth of Wilson, LLC dated April 22, 2006, and recorded in Instrument No. 200605090089659, Franklin County records.
 (DOES NOT AFFECT SITE)
 18. Terms of Nonexclusive Access and Utility Easement by and between Mouth of Wilson, LLC and Jack C. Stroder and Ruth E. Stroder and Meljer Stores Limited Partnership dated April 22, 2006, and recorded in Instrument No. 200605090089652, Franklin County records.
 (BENEFITS SITE)
 19. Nonexclusive Storm Water Drainage Easement by and between Meljer Stores Limited Partnership and Mouth of Wilson, LLC dated April 22, 2006, and recorded in Instrument No. 200605090089664, Franklin County records.
 (DOES NOT AFFECT SITE)
 20. Agreement for Conservation Easement by and between Meljer Stores Limited Partnership and the City of Grove City, Ohio, recorded June 5, 2007, in Instrument No. 200706050097441, Franklin County records.
 (AFFECTS SITE, PLOTTED AND SHOWN)
 21. Temporary Right of Way Easement granted to the City of Grove City, Ohio, of record in Instrument No. 200801220010098, Franklin County records.
 (DOES NOT AFFECT SITE)
 22. Easement granted to the City of Grove City, of record in Instrument No. 200801220010099, Franklin County records.
 (AFFECTS SITE, PLOTTED AND SHOWN)
 23. Easement & Right of Way granted to Columbus Southern Power Company, of record in Instrument No. 200802280030567, Franklin County records.
 (AFFECTS SITE, PLOTTED AND SHOWN)



VICINITY MAP

GENERAL NOTES:

1. THE DESCRIBED REAL ESTATE IS IN A ZONE 'X' AS INDICATED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S NATIONAL FLOOD INSURANCE PROGRAM PANEL NO. 39049C0404K, EFFECTIVE DATE OF JUNE 17th 2008.
2. THE PROPERTIES SHOWN ON THIS SURVEY ARE THE SAME AS THOSE DESCRIBED IN THE TITLE REPORTS.
3. THE EXISTENCE AND/OR LOCATION OF UTILITIES WERE OBTAINED BY FIELD CHECKS AND RESEARCH OF AVAILABLE RECORDS AS REQUIRED BY O.R.C. 153.54. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT; THE SURVEYOR MAKES NO GUARANTEE TO THEIR ACCURACY OR COMPLETENESS. EXACT UTILITY LOCATIONS MUST BE FIELD VERIFIED AT THE TIME OF CONSTRUCTION.
4. THIS SURVEY IS NOT FOR THE PURPOSE OF LOCATING OR IDENTIFYING ANY POLLUTANTS OF HAZARDOUS MATERIALS ON OR UNDER THE PROPERTY SHOWN HEREON.

PERIMETER DESCRIPTION:

Situated in the City of Grove, County of Franklin, State of Ohio, and known as being a part of Virginia Military Survey No. 6115, also known as being a portion of a parcel of land conveyed to Meljer Stores Limited Partnership as recorded in Document No. 200605090089637 of said County's records, and being further bounded and described as follows:

Commencing at the centerline intersection of London-Groveport Rd. (S.R. 665, variable width) and Kings Ave, and intersection with said 5/8" line 5/8" from a monument box found, N 83° 31' 37" E a distance of 1030.08 feet to a monument in a monument box found, S 83° 31' 37" E a distance of 823.05 feet thence along the monument, N 03° 31' 37" E for a distance of 50.00 feet to a point on the south right of way line of said London-Groveport Rd., said point being the TRUE PLACE OF BEGINNING of the parcel of land hereinafter described, thence clockwise along the following ten (10) courses and distances:

- 1) Thence along said south right of way line, S 83° 31' 37" E for a distance of 150.71 feet to a point;
- 2) Thence S 0° 03' 16" E for a distance of 353.66 feet to a point;
- 3) Thence N 88° 21' 25" W for a distance of 197.00 feet to a point;
- 4) Thence along the arc of a curve to the right having the following properties:
 Delta = 72° 04' 53", Radius = 50.00, Tangent = 36.38, Chord Bearing = N 82° 18' 59" W for an arc distance of 62.90 feet to a point of compound curvature;
 Delta = 33° 37' 17", Radius = 80.00, Tangent = 24.17, Chord Bearing = N 0° 32' 06" E for an arc distance of 48.94 feet to a point;
- 5) Thence along the arc of a curve to the right having the following properties:
 Delta = 33° 37' 17", Radius = 80.00, Tangent = 24.17, Chord Bearing = N 0° 32' 06" E for an arc distance of 48.94 feet to a point;
- 6) Thence N 17° 20' 45" E for a distance of 18.38 feet to a point;
- 7) Thence N 21° 24' 34" E for a distance of 132.00 feet to a point;
- 8) Thence along the arc of a curve to the left having the following properties:
 Delta = 14° 43' 38", Radius = 132.00, Tangent = 17.45, Chord Bearing = N 14° 02' 48" E for an arc distance of 34.70 feet to a point;
- 9) Thence N 6° 40' 58" E for a distance of 78.18 feet to a point;
- 10) Thence along the arc of a curve to the right having the following properties:
 Delta = 56° 41' 55", Radius = 40.00, Tangent = 21.58, Chord Bearing = N 35° 01' 56" E for an arc distance of 39.58 feet to the True Place of Beginning and containing 1.7070 acres (74,358 sq.ft.) of land, more or less, and subject to all easements, restrictions and covenants of record as surveyed under the supervision of James E. Karling, P.S. Number 7539, for GPD Associates, in July of 2006.

REFERENCES:

1. COUNTY TAX MAP.
2. DEEDS.
3. PLATS.
4. TITLE REPORT



PARCEL ADDRESS: LONDON GROVEPORT RD,
 GROVE CITY, OHIO 43123

PARCEL AREA: 1.7070 ACRES (74,358 S.F.)

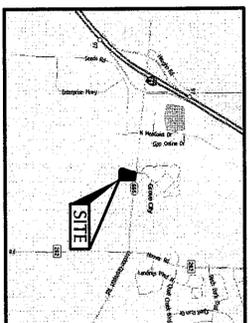
PLAT ENTRY NUMBER: 379457
 PLAT SITE NUMBER: 306935

DRAWN BY: MAR 6-17-09 SHEET: 1 OF 2
 CHECKED BY: JEK GPD JOB NO.: 200908A.04

James E. Karling
 JAMES E. KARLING, P.S. No. 7539 DATE: 7/22/09

ALTA \ ACSM SURVEY
PART OF VIRGINIA MILITARY SURVEY NO. 6115
CITY OF GROVE
COUNTY OF FRANKLIN
STATE OF OHIO

BASIS OF BEARING:
 BASIS OF BEARING IS STATE PLANE GRID NORTH,
 NAD 83(1986), OHIO SOUTH ZONE.
 ELEVATIONS ARE NAVD 88.
 TIED TO FRANKLIN COUNTY SURVEY CONTROL
 "JACKSON" & "FOSS 0024 RESET"



CURVE DATA

1	Δ = 72° 04' 53"	②	Δ = 33° 37' 17"	③	Δ = 14° 43' 38"	④	Δ = 56° 41' 56"
R = 52.00	R = 80.00	R = 135.00	R = 40.00	R = 17.45	R = 21.58	R = 40.00	
L = 36.38	L = 24.17	L = 17.45	L = 34.60	L = 17.45	L = 39.58	L = 21.58	
CH. BRG. = N 52° 18' 59" W	CH. BRG. = N 0° 32' 08" E	CH. BRG. = N 14° 02' 46" E	CH. BRG. = N 35° 01' 56" E	CH. BRG. = N 14° 02' 46" E	CH. BRG. = N 35° 01' 56" E	CH. BRG. = N 35° 01' 56" E	

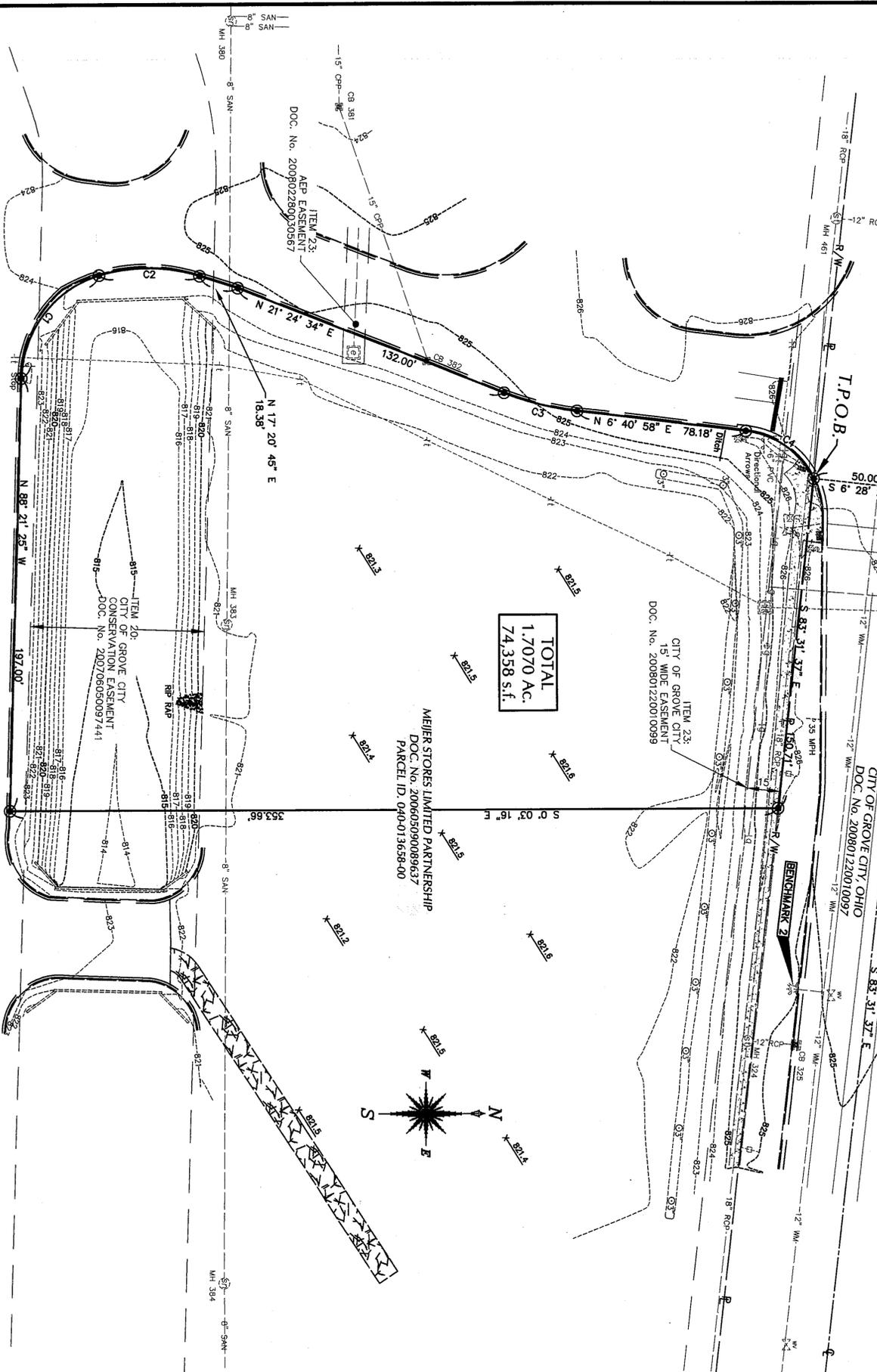
INVERTS:

MH 324	T/C = 825.39	MH 332	T/C = 824.32	
INV. 12" RCP N = 819.89	INV. 12" RCP N = 821.73	MH 380	T/C = 823.81	
INV. 18" RCP E/W = 819.14	INV. 12" RCP N = 821.73	INV. 8" PVC E/W = 812.21	INV. 8" PVC NE = 812.31	
CB 325	T/C = 824.46	INV. 8" PVC NW = 814.81	MH 383	T/C = 821.06
INV. 12" RCP S = 820.16	INV. 4" OPP E/W = 822.26	INV. 8" PVC W = 813.36	INV. 8" PVC E = 814.91	
MH 333	T/C = 823.94	MH 384	T/C = 821.06	
INV. 12" RCP N = 818.64	INV. 18" RCP E/W = 817.94	INV. 8" PVC E = 814.91	INV. 8" PVC W = 814.86	
INV. 18" RCP E/W = 817.94	CB 381	T/C = 823.65	CB 382	T/C = 824.32
INV. 15" CPP NE = 819.30	INV. 15" CPP W = 819.30	INV. 15" CPP SW = 819.67	MH 461	T/C = 827.23
INV. 15" CPP NE = 819.30	CB 382	T/C = 824.32	INV. 12" RCP N = 821.73	INV. 18" RCP E/W = 821.08
INV. 15" CPP SW = 819.67	MH 461	T/C = 827.23	INV. 12" RCP N = 821.73	INV. 18" RCP E/W = 821.08

LEGEND:

- MONUMENT BOX FOUND AS NOTED
- IRON PIN FOUND AS NOTED
- 5/8" REBAR WITH CAP "GPD" SET
- EXISTING DECORATIVE LIGHT POLE
- EXISTING LIGHT POLE
- EXISTING SIGNAL POLE
- EXISTING ELECTRIC METER
- EXISTING SIGNAL BOX
- EXISTING ELECTRIC BOX
- EXISTING TELEPHONE PEDESTAL
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING GAS LINE MARKER
- EXISTING CUPS GAS LINE FLAG
- EXISTING UNDERGROUND GAS LINE
- EXISTING TELEPHONE MANHOLE
- EXISTING CUPS TELEPHONE LINE MARKER
- EXISTING DECORIOUS TREE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY LINE
- EXISTING CENTERLINE

TOTAL
1.7070 AC.
74,358 s.f.



ZONING:
 C-2 RETAIL COMMERCIAL
 BUILDING SETBACKS
 FRONT = 30'
 REAR = 30'
 SIDE = 30'
 PARKING SETBACKS
 10' SETBACK ON ALL SIDES WITH PROPER SCREENING
 30' SETBACK ON ALL SIDES WITH NO SCREENING
 HEIGHT RESTRICTIONS
 35' MAX HEIGHT

BENCHMARKS:

- BENCHMARK 1
"Box Cut" on Light Pole Base Elevation = 826.60
- BENCHMARK 2
"Arrow" Symbol on Hydrant Elevation = 828.11



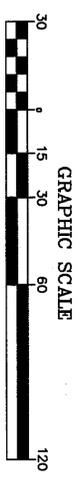
GPD ASSOCIATES
 3200 South Main Street, Suite 2331, Akron, Ohio 44311
 330-572-2100 / Fax 330-572-2101

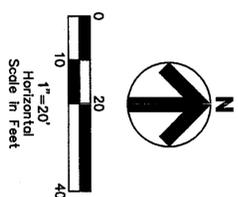
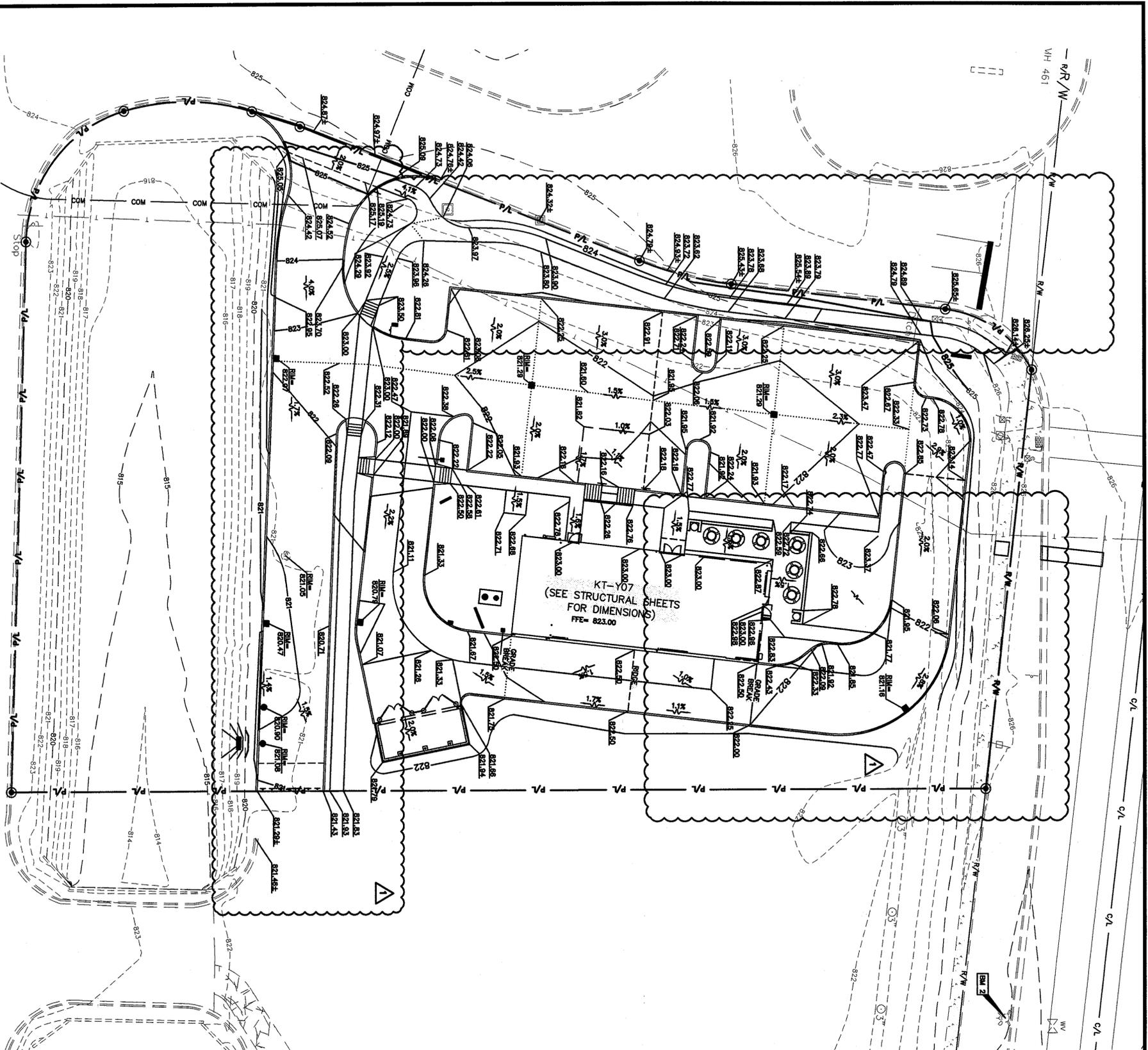


PARCEL ADDRESS: LONDON GROVEPORT RD.
 GROVE CITY, OHIO 43123
 PARCEL AREA: 1.7070 ACRES (74,358 S.F.)
 YUM ENTITY NUMBER: 379457
 YUM SITE NUMBER: 3089355

DRAWN BY: MWR 6-17-09 SHEET: 2 OF 2
 CHECKED BY: JEK GPD JOB NO.: 2009088.04

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- LEGEND**
(SEE SHEET C-01 FOR GENERAL LEGEND)
- 000.00 — PROPOSED CONTOUR
 - 000.00 — EXISTING SPOT ELEVATION
 - 000.00 — PROPOSED ELEVATION @ BOTTOM OF FRONT FACE AND/OR FINISHED PAVEMENT ELEVATION
 - 1-000.00 — TOP OF CURB ELEVATION
 - 1-000.00 — BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
 - 000.00+ — MATCH EXISTING ELEVATION
 - 0.0% — PROPOSED DRAINAGE SLOPE & DIRECTION
 - 0.0% — PAVEMENT RISE
 - — PAVEMENT GRADE BREAK

GRADING NOTE:
THE CONTRACTOR SHALL TRANSITION FROM A 6" EXPOSED CURB HEIGHT TO A 12" CURB HEIGHT IN 5' TO ENSURE THAT A 2:1 SLOPE CAN BE MAINTAINED BETWEEN THE CURB AND SIDEWALK ON THE RADII IN THE NORTHEAST CORNER OF THE SITE.

NOTE:
IF THE MEFER COMMUNICATION LINE IS DAMAGED IT WILL SHUT DOWN THE MEFER SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF THE LINE, BUT ALSO LOSS OF REVENUE TO THE MEFER GAS STATION/CONVENIENCE STORE. THE LOCATION OF THE COMMUNICATION LINE IS PER RECORD DRAWINGS. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE COMMUNICATIONS LINE.

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BENCHMARKS:
BENCHMARK #1 - "BOX CUT" ON LIGHT POLE BASE.
ELEVATION=826.60
BENCHMARK #2 - "ARROW" SYMBOL ON HYDRANT.
ELEVATION=828.11



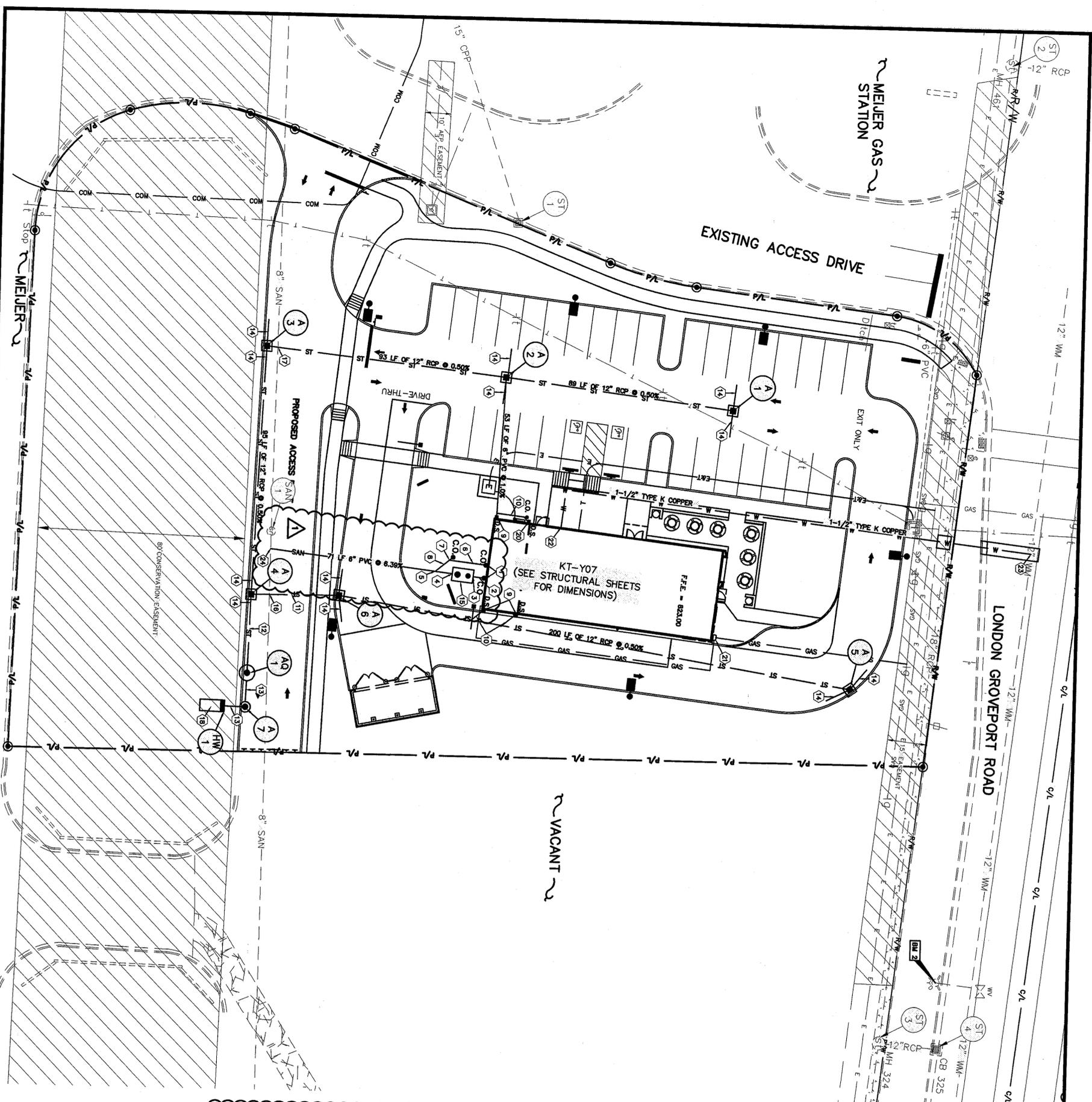
GLAUS PYLE SCHOMER BURNS & DEHAVEN INC.
GPD ASSOCIATES
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101

CONTRACT DATE: 7.15.09
BUILDING TYPE: KT-Y07
PLAN VERSION: 306935
SITE NUMBER: 200908204
STORE NUMBER:



GRADING PLAN

C-121
PLOT DATE:



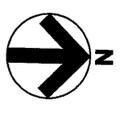
CONSTRUCTION NOTES

- 1) C.O. INV. = 818.50
- 2) 5 LF OF 6" PVC @ 2.00%
- 3) INLET INVERT = 818.4
- 4) WE CONNECTION, SEE DETAIL 6, SHEET C-503 INV. = 817.72
- 5) 15 LF OF 6" PVC @ 3.00%
- 6) C.O. INV. = 818.00
- 7) 7 LF OF 6" PVC @ 4.7%
- 8) D.S. INV. = 818.39
- 9) 11) 35 LF OF 12" RCP @ 0.50%
- 10) 8 LF OF 15" RCP @ 1.00%
- 11) 13) PROPOSED 1000 GALLON EXTERIOR GREASE INTERCEPTOR PER DETAIL 4, SHEET C-503
- 12) 15) SAN INV. = 817.44
- 13) 17) 6" SAN INV. = 817.31
- 14) 18) PROPOSED GAS METER
- 15) 19) NOT USED.
- 16) 20) D.S. INV. = 818.54
- 17) 21) PROPOSED WATER LINE ENTRY. METER AND BACKFLOW PREVENTER SHALL BE INSIDE THE BUILDING.
- 18) 22) IF THE MEIJER COMMUNICATION LINE IS DAMAGED IT WILL SHUT DOWN THE MEIJER GAS STATION/CONVENIENCE STORE. THE CONTRACTOR AND/OR DEVELOPER WILL BE RESPONSIBLE NOT ONLY FOR THE REPAIR OF THE STATION/CONVENIENCE STORE, BUT ALSO LOSS OF REVENUE TO THE MEIJER GAS STATION/CONVENIENCE STORE. THE LOCATION OF THE COMMUNICATION LINE IS PER RECORD DRAWINGS. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF THE COMMUNICATIONS LINE.
- 19) 23) WATER MAIN TAP PER CITY OF COLUMBUS PRIOR TO THE START OF INSTALLATION.
- 20) 24) EX. INV. WATER CONNECTION PER CITY OF GROVE CITY STANDARD CONSTRUCTION DRAWING C-C-05-37, PROC. INV. 6" = 813.81

UTILITY STRUCTURES

- PROPOSED**
- 1) PROPOSED CATCH BASIN (SEE DETAIL 1, SHEET C-503) INV. 12' (S) = 818.81 INV. 4' (E/W) = 818.47
 - 2) PROPOSED CATCH BASIN (SEE DETAIL 1, SHEET C-503) INV. 12' (N/S) = 818.38 INV. 6' (E/W) = 818.03
 - 3) PROPOSED CATCH BASIN (SEE DETAIL 1, SHEET C-503) INV. 12' (N/S) = 817.89 INV. 4' (W) = 818.58
 - 4) PROPOSED CATCH BASIN (SEE DETAIL 1, SHEET C-503) INV. 12' (N/W) = 817.41 INV. 15' (E) = 817.17
 - 5) PROPOSED CATCH BASIN (SEE DETAIL 1, SHEET C-503) INV. 12' (S) = 818.59 INV. 4' (N/W) = 818.22
 - 6) PROPOSED CATCH BASIN (SEE DETAIL 1, SHEET C-503) INV. 12' (N/S) = 817.48 INV. 4' (E/W) = 818.22
 - 7) PROPOSED 15'-22' VERTICALITY (SEE DETAIL 3, SHEET C-504) 15' (E/W) = 818.90
 - 8) PROPOSED MANHOLE (E & DIA.) INV. 12' (N/S) = 818.82 INV. 6' (E/W) = 818.14
 - 9) PROPOSED HEADWALL (PER GROVE CITY STANDARD, C-C-05-24) INV. 15' (N) = 816.74
- EXISTING**
- 1) EXISTING SANITARY MANHOLE INV. 8' PVC (E) = 813.41 INV. 8' PVC (W) = 813.38
 - 2) EXISTING CATCH BASIN INV. 15' CP (SW) = 819.87
 - 3) EXISTING STORM MANHOLE INV. 12' RCP (E) = 813.41 INV. 18' RCP (E/W) = 821.08
 - 4) EXISTING STORM MANHOLE INV. 12' RCP (N) = 819.89 INV. 18' RCP (E/W) = 819.14
 - 5) EXISTING CATCH BASIN INV. 12' RCP (S) = 820.18 INV. 4' CP (E/W) = 822.28

NOTE:
IF THE MEIJER COMMUNICATION LINE IS DAMAGED IT WILL SHUT DOWN THE MEIJER GAS STATION/CONVENIENCE STORE. THE CONTRACTOR AND/OR DEVELOPER WILL BE RESPONSIBLE NOT ONLY FOR THE REPAIR OF THE STATION/CONVENIENCE STORE, BUT ALSO LOSS OF REVENUE TO THE MEIJER GAS STATION/CONVENIENCE STORE. THE LOCATION OF THE COMMUNICATION LINE IS PER RECORD DRAWINGS. PRIOR TO THE START OF ANY CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF THE COMMUNICATIONS LINE.



LEGEND

- (SEE SHEET C-001 FOR GENERAL LEGEND)
- ST - PROPOSED STORM SEWER
 - SAN - PROPOSED SANITARY SEWER
 - W - PROPOSED WATER SERVICE
 - GAS - PROPOSED GAS SERVICE
 - E&T - PROPOSED UNDERGROUND ELECTRIC & TELEPHONE SERVICE
 - C.O. - PROPOSED CLEAN OUT
 - A - APURTENANCES
 - # - UTILITY CONSTRUCTION NOTE

Underground Utilities

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BENCHMARKS:

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ELEVATION = 826.60

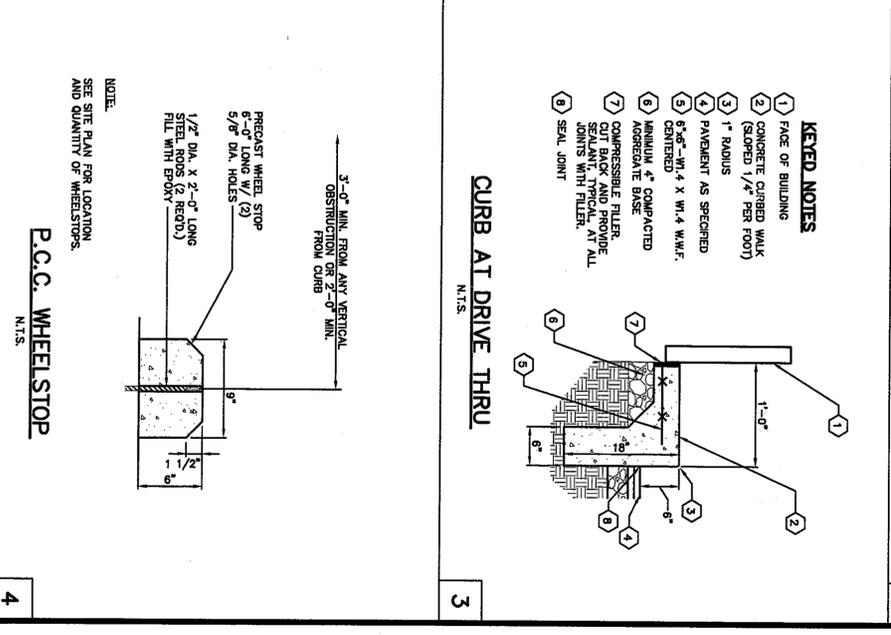
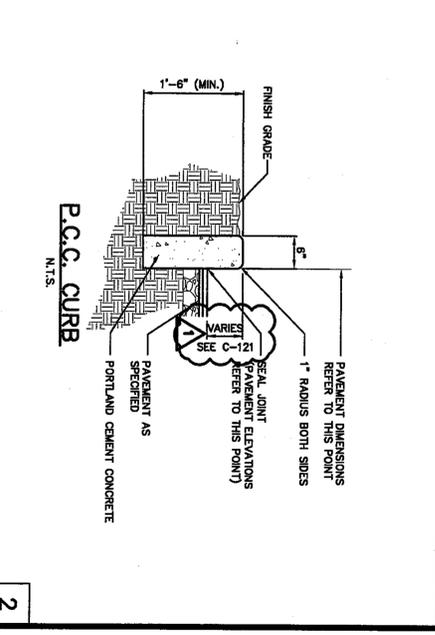
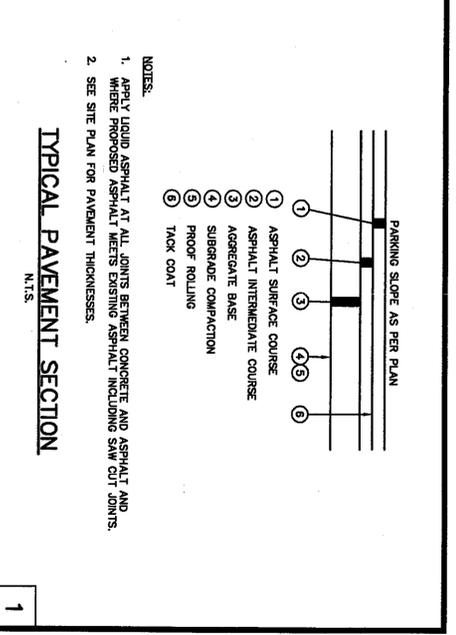
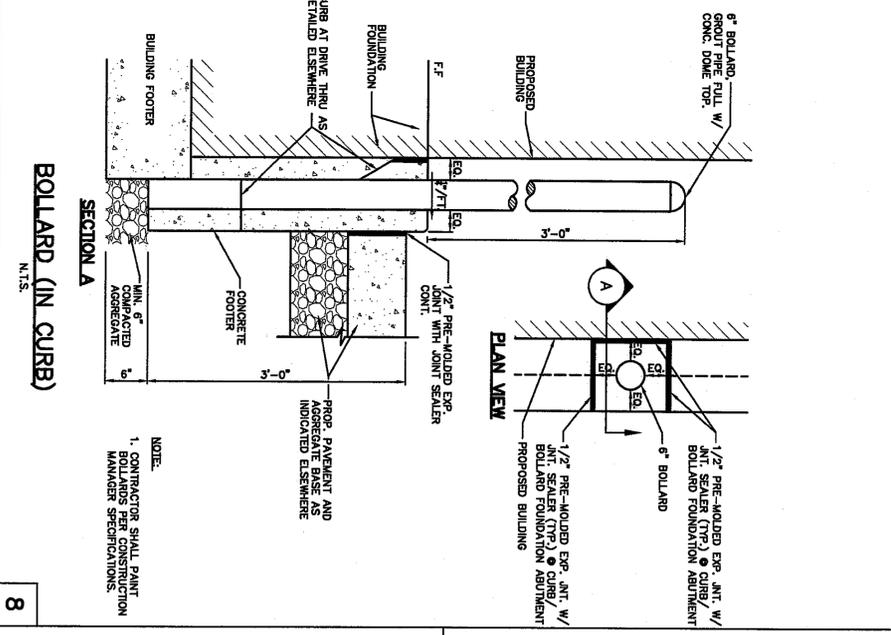
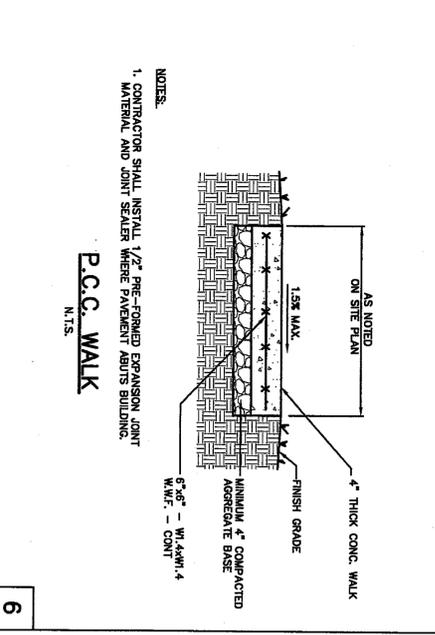
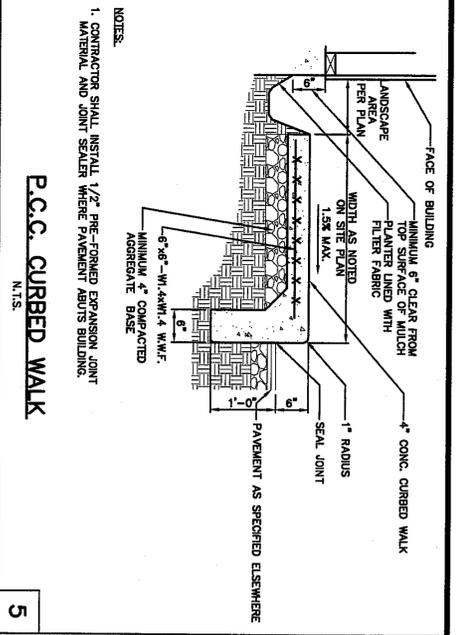
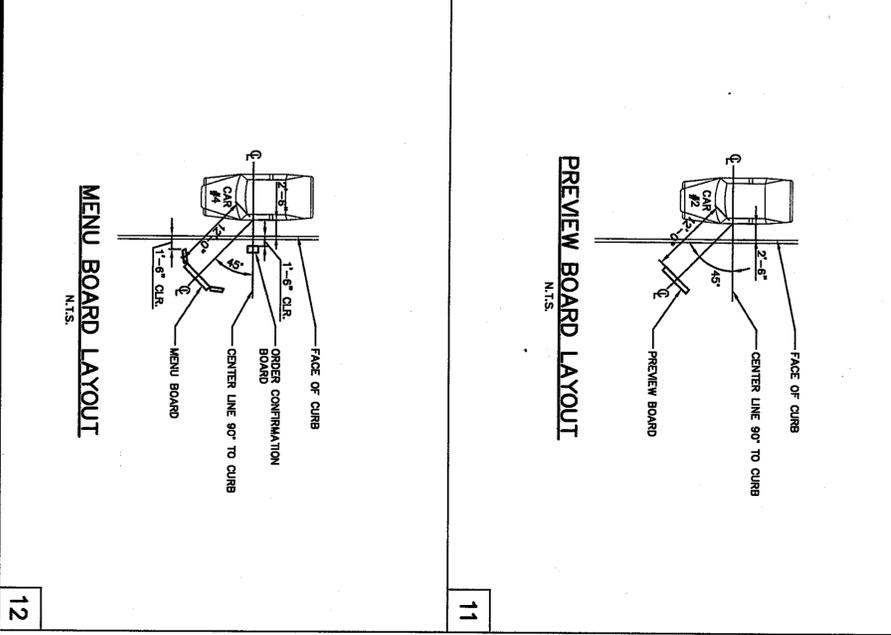
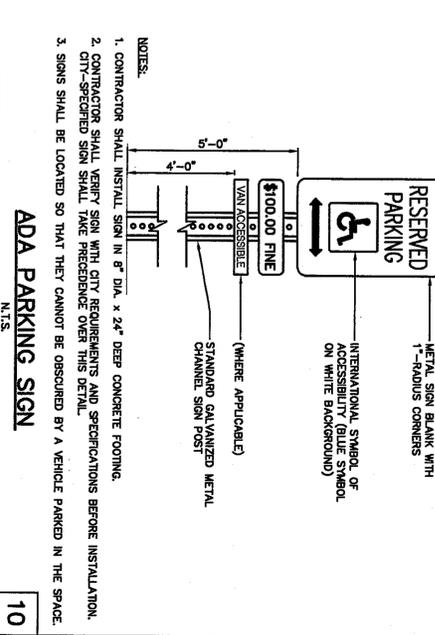
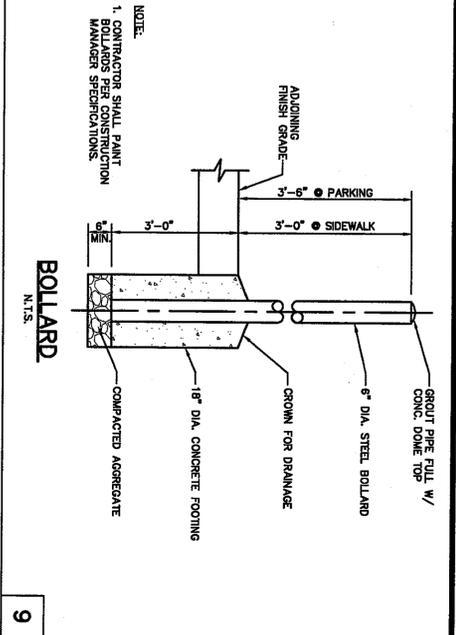
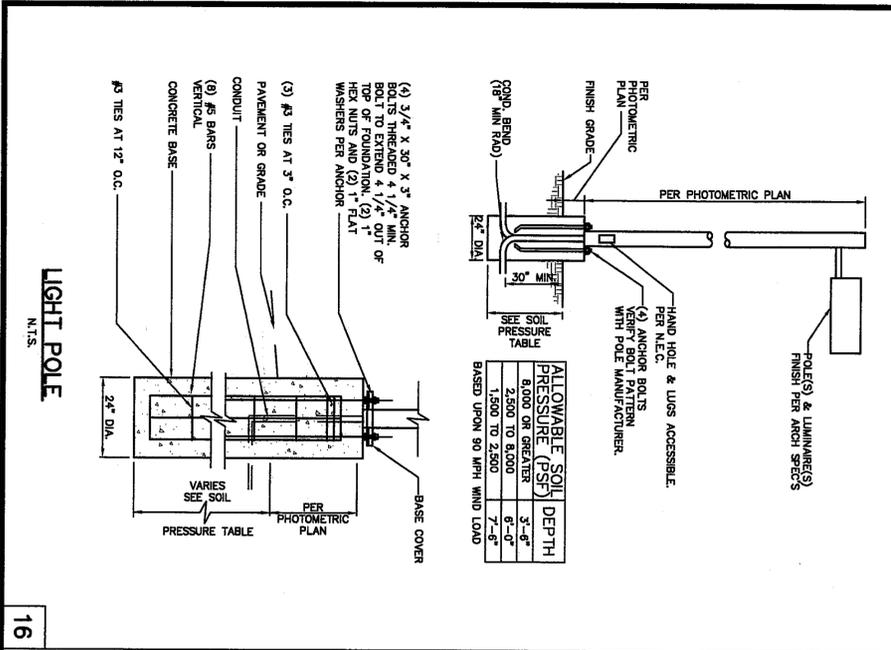
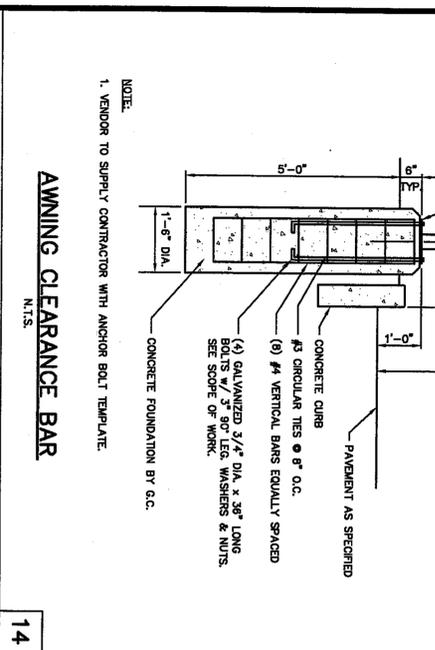
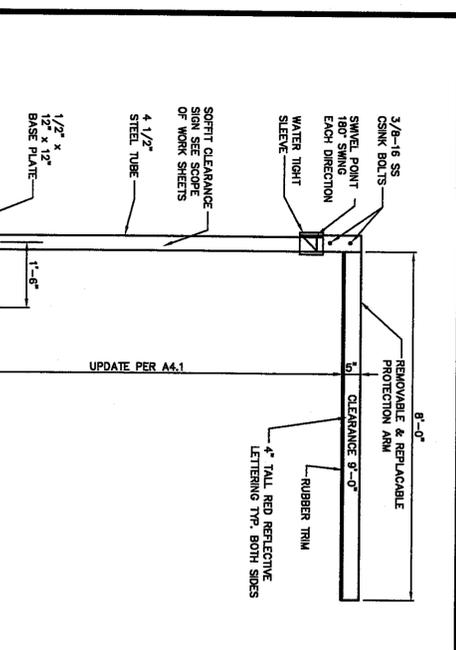
BENCHMARK #2 - "ARROW" SYMBOL ON HYDRANT.
ELEVATION = 828.11

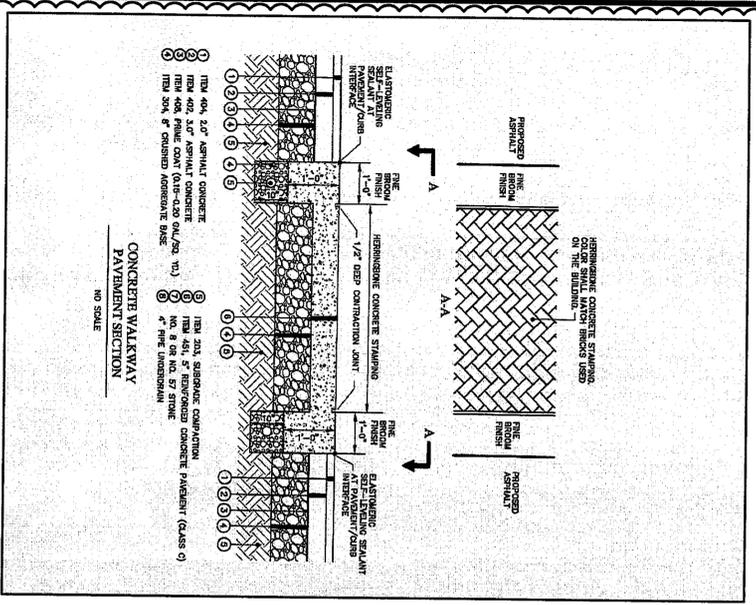


CONTRACT DATE:	7.15.06
BUILDING TYPE:	KT-Y07
PLAN VERSION:	30683C
SITE NUMBER:	200908804
STORE NUMBER:	



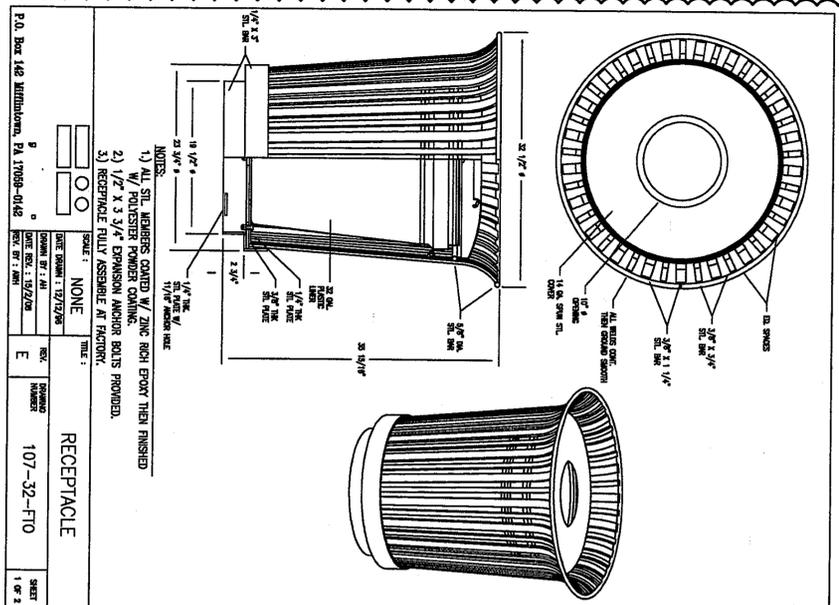
UTILITY PLAN





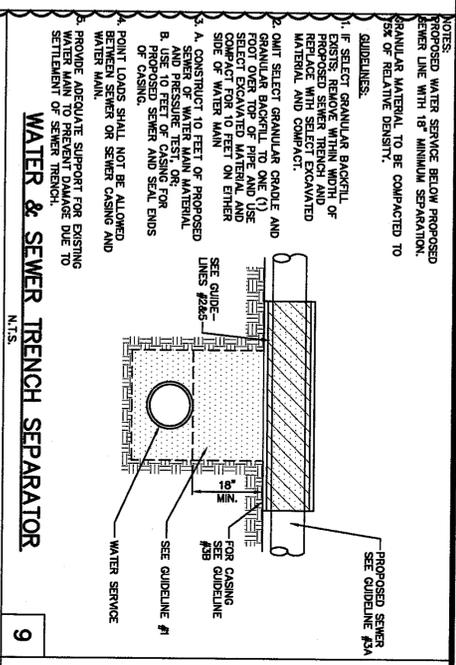
NOTE: GROSS SLOPE ON CONCRETE WALKWAYS SHALL NOT EXCEED 2% AND RUNNING SLOPE SHALL NOT EXCEED .5% IN ANY INSTANCE.

14



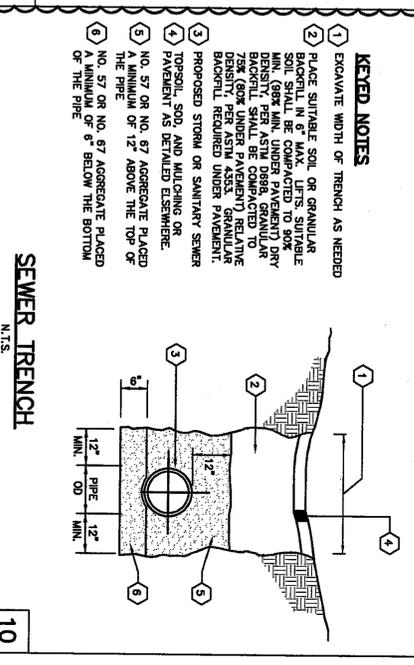
RECEIPTACLE
107-32-F10
SHEET 1 OF 2

16



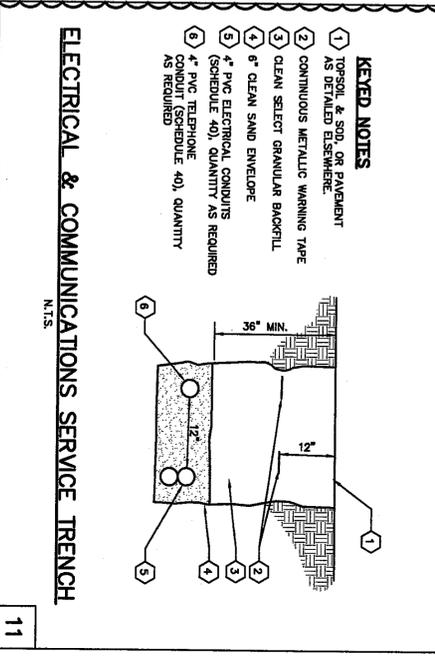
NOTES: WATER SERVICE BELOW PROPOSED SEWER LINE WITH 18\"/>

9



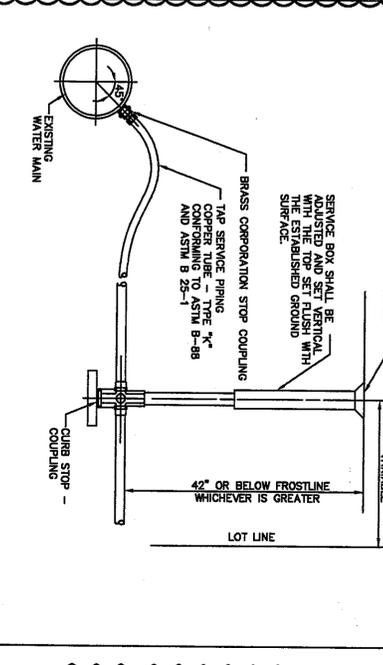
KEYED NOTES

10



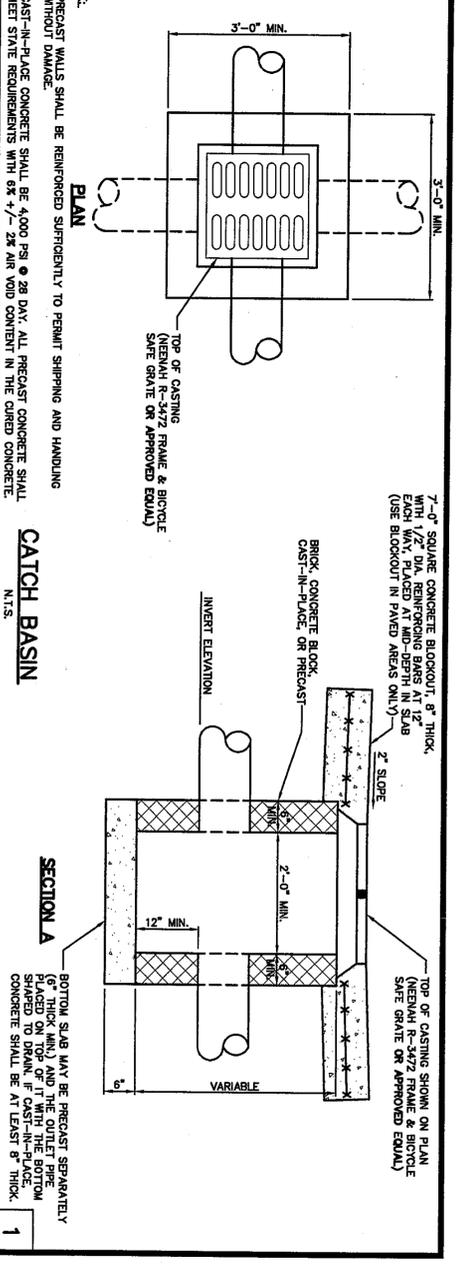
ELECTRICAL & COMMUNICATIONS SERVICE TRENCH

11



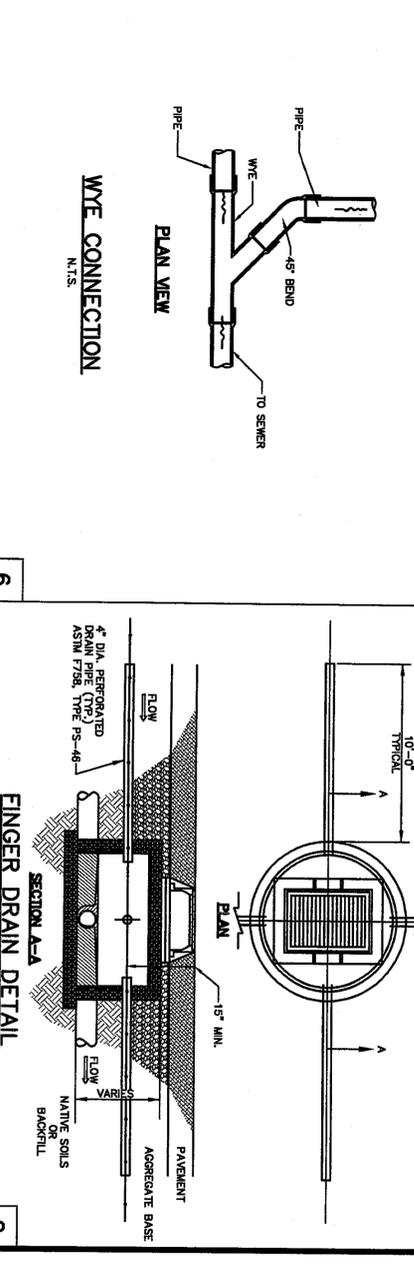
WATER SERVICE TAP

12



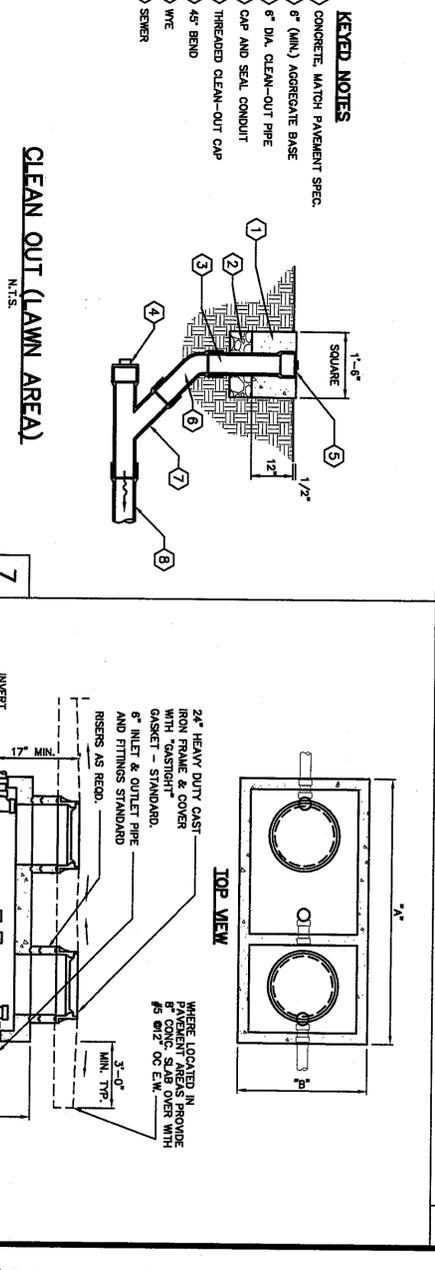
NOTES: 1. PRECAST WALLS SHALL BE REINFORCED SUFFICIENTLY TO PERMIT SHIPPING AND HANDLING WITHOUT DAMAGE. 2. CAST-IN-PLACE CONCRETE SHALL BE 4000 PSI @ 28 DAYS. ALL PRECAST CONCRETE SHALL MEET STATE REQUIREMENTS WITH 6% +/- 2% AIR VOID CONTENT IN THE CURBED CONCRETE.

1



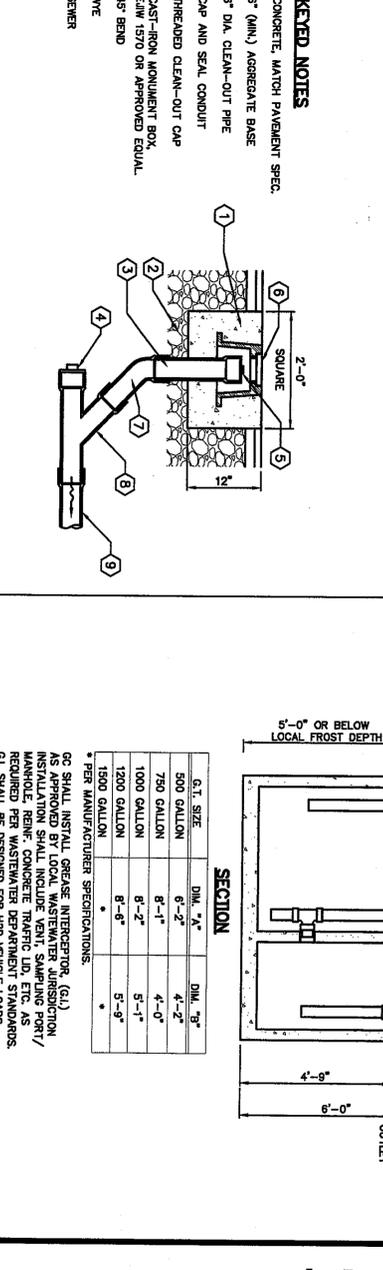
WYE CONNECTION

6



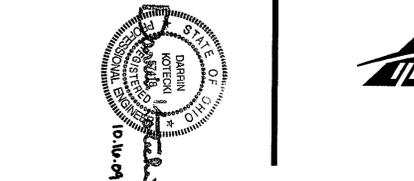
CLEAN OUT (LAWN AREA)

7



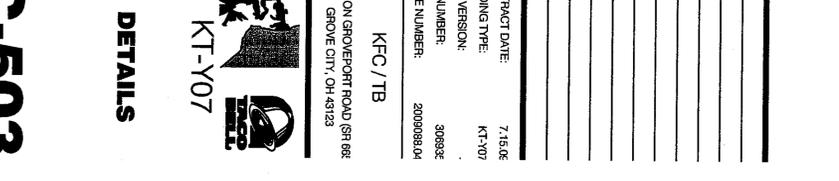
CLEAN OUT (PAVEMENT AREA)

8



INGERS DRAIN DETAIL

2

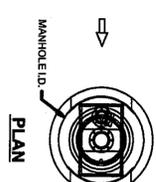
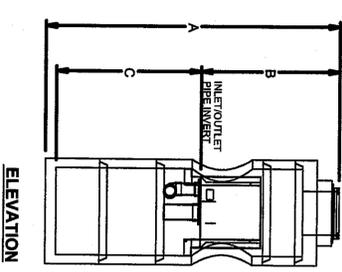
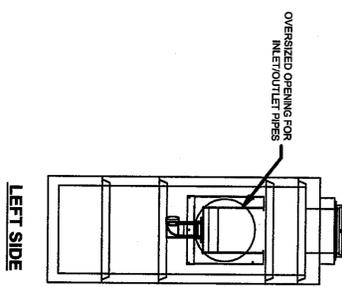


EXTERIOR GREASE INTERCEPTOR

4

This CAD file is for the purpose of specifying stormwater treatment equipment to be furnished by CONTECH Stormwater Solutions and may only be used for informational purposes. It is not intended for construction. The information contained herein is provided for informational purposes only and is not intended to be used as a substitute for professional engineering or architectural services. The information contained herein is provided for informational purposes only and is not intended to be used as a substitute for professional engineering or architectural services. The information contained herein is provided for informational purposes only and is not intended to be used as a substitute for professional engineering or architectural services.

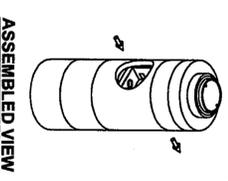
THE VORTSENTRY HS CONTROL SECTION SHALL BE MANUFACTURED BY CONTECH STORMWATER SOLUTIONS AND EACH STORMWATER SOLUTION SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE.



Vortsenry Model	Manhole Diameter (ID)		Total Treatment Flow Rate		Typical Total Distance Rim to Outside Bottom		Typical Distance Rim to Invert		Typical Depth Below Invert (Inside)		Approximate Minimum Distance Rim to Invert (See Note 7)		Maximum Pipe Diameter (ID)	
	ft	mm	cfs	l/s	ft	m	ft	m	ft	m	ft	m	in	mm
HS36	3	900	0.35	15.6	10.16	3.10	4.08	1.24	5.5833	1702	3.00	0.91	18	450
HS48	4	1200	1.20	34.0	13.25	4.04	6.00	1.83	6.75	2057	4.00	1.22	24	600
HS60	5	1500	2.20	62.3	16.38	4.99	6.50	1.98	9.21	2807	4.82	1.47	30	750
HS72	6	1800	3.70	104.8	16.56	5.05	6.75	2.06	9.15	2788	5.59	1.70	36	900
HS84	7	2100	5.80	156.6	18.85	5.75	7.75	2.36	10.35	3156	4.77	1.45	42	1050
HS96	8	2400	8.10	229.4	20.87	6.38	8.50	2.59	11.54	3518	6.91	2.11	48	1200

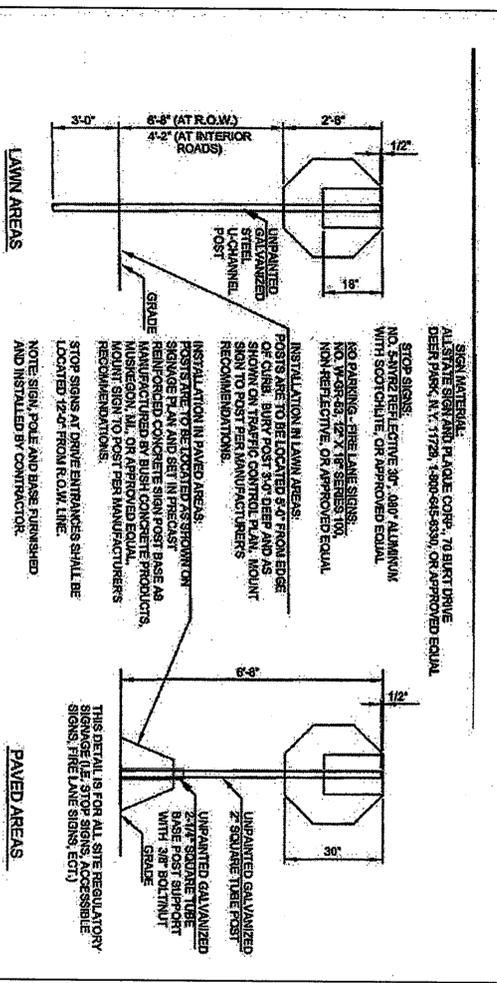
FOR INFORMATIONAL PURPOSES ONLY - NOT INTENDED FOR CONSTRUCTION

SCALE:	NONE
DRAWN:	NDG
CHECKED:	GMB
FILE NAME:	VSH.TYP
DATE:	9/7/07



- NOTES:
1. STORMWATER TREATMENT SYSTEM (SWTS) SHALL REMOVE 80% OF A SEDIMENT GRADATION WITH AN AVERAGE PARTICLE SIZE OF 240 MICRONS AT THE DESIGNATED TREATMENT FLOW RATE LISTED IN THE TABLE FOR EACH CORRESPONDING MODEL.
 2. SWTS REMOVAL EFFICIENCY CLAIM SHALL BE CORROBORATED BY FULL SCALE LABORATORY TEST PERFORMANCE DATA.
 3. SWTS MAINTENANCE RECOMMENDATION SHALL BE SUPPORTED BY FULL SCALE WASH-OUT TESTING.
 4. SWTS SHALL PROVIDE INTERNAL BYPASS OF FLOWS THAT EXCEED THE TREATMENT FLOW RATE.
 5. SWTS MAXIMUM HYDRAULIC CAPACITY MAY VARY DEPENDING UPON THE INLET PIPE DIAMETER, MATERIAL AND SLOPE.
 6. SWTS INVERTS IN AND OUT SHALL BE AT THE SAME ELEVATION. INLET AND OUTLET PIPES MUST BE 18" FROM EACH OTHER.
 7. MINIMUM RIM TO INVERT DISTANCE MAY BE REDUCED DEPENDING UPON ACTUAL PIPE DIAMETER. CONTACT CONTECH STORMWATER SOLUTIONS FOR SITE SPECIFIC INFORMATION.
 8. PIPE SIZE MAY BE SMALLER THAN THE MAXIMUM PIPE SHOWN ON THE TABLE. SEE SITE PLAN FOR PIPE SIZE.
 9. PURCHASER SHALL NOT BE RESPONSIBLE FOR ASSEMBLY OR INTERNAL COMPONENTS.
 10. ACCESS FRAME AND COVER SUPPLIED WITH SYSTEM, NOT INSTALLED. SWTS MAY ALSO HAVE A GRATED WALK COVER (NOT SHOWN).
 11. PURCHASER TO PREPARE EXCAVATION AND PROVIDE LIFTING EQUIPMENT.
 12. VORTSENTRY HS BY CONTECH STORMWATER SOLUTIONS, PORTLAND, OR (600) 548-4877, SCARBOROUGH, ME (603) 967-8676, LINTHICUM, MD (866) 746-3318.

Traffic Control Signage



16

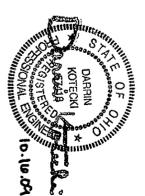
15

14

13

3

4

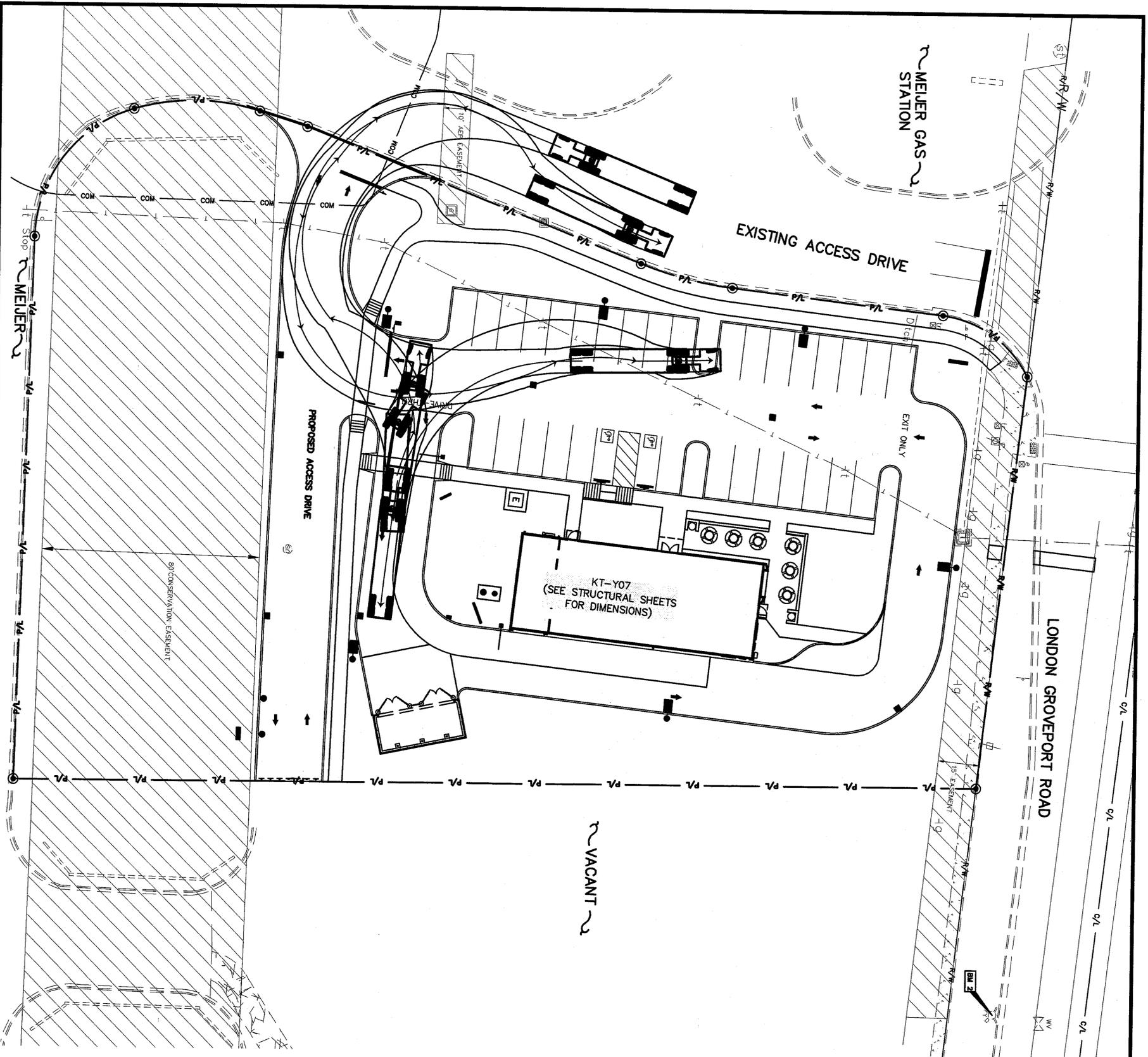


CONTRACT DATE:	7.15.06
BUILDING TYPE:	KT-Y07
PLAN VERSION:	
SITE NUMBER:	30893C
STORE NUMBER:	2009089.04

KFC/TB
 LONDON GROVE/PORT ROAD SR 66
 GROVE CITY, OH 43123

KT-Y07

DETAILS

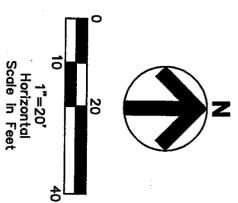
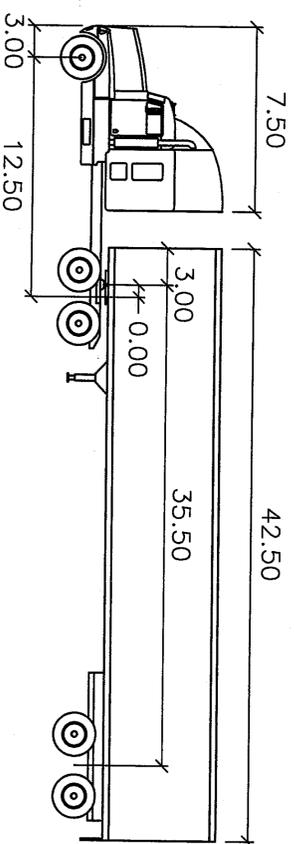


Tractor Width
Trailer Width
Tractor Track
Trailer Track

8.00
8.50
8.00
8.50

Lock to Lock Time : 6.00
Steering Angle : 17.7
Articulating Angle : 70.0

WB-50
N.T.S.



Underground Utilities

2 Working Days
Before You Dig
Ohio Utilities Protection Service
Non-members
Must Be Called Directly

Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service

BENCHMARKS:
BENCHMARK #1 - "BOX CUT" ON LIGHT POLE BASE.
ELEVATION=826.60
BENCHMARK #2 - "ARROW" SYMBOL ON HYDRANT.
ELEVATION=828.11

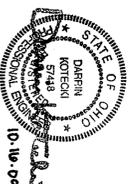


**TRUCK TURNING
TEMPLATE**

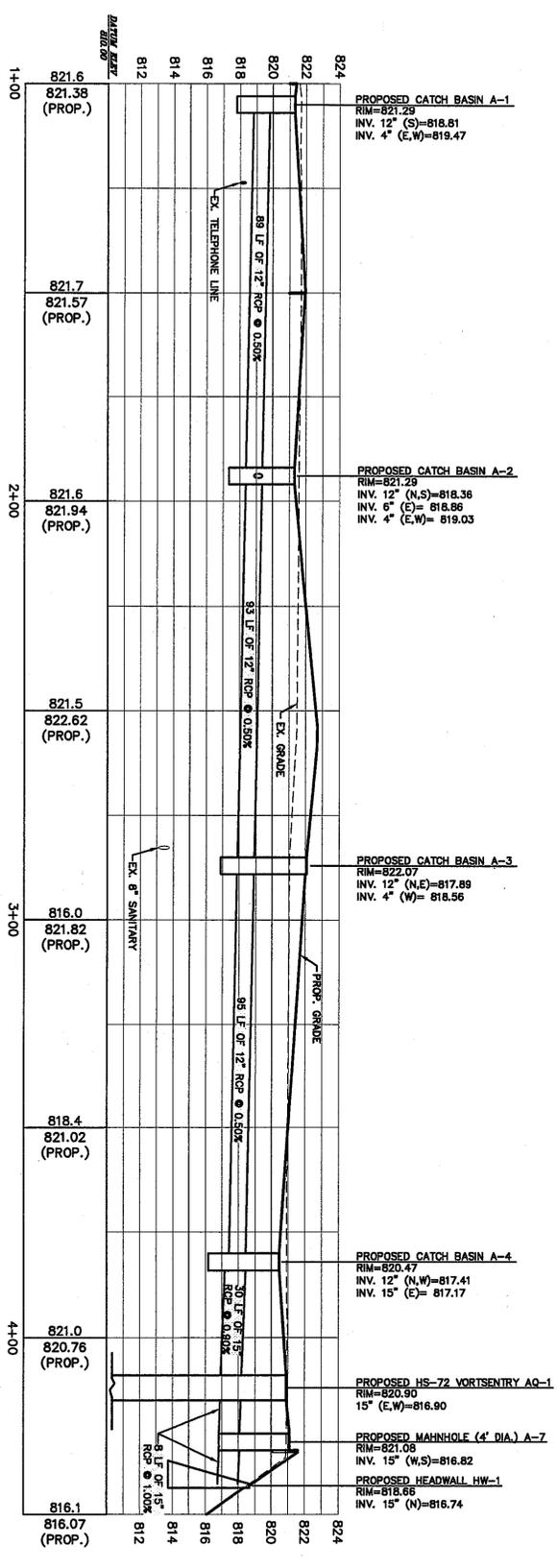
C-505
PLOT DATE:

KFC / TB
LONDON GROVEPORT ROAD (SR 669)
GROVE CTR., OH 43123

CONTRACT DATE: 7/15/09
BUILDING TYPE: KT-Y07
PLAN VERSION: 306395
SITE NUMBER: 2009085.04
STORE NUMBER:

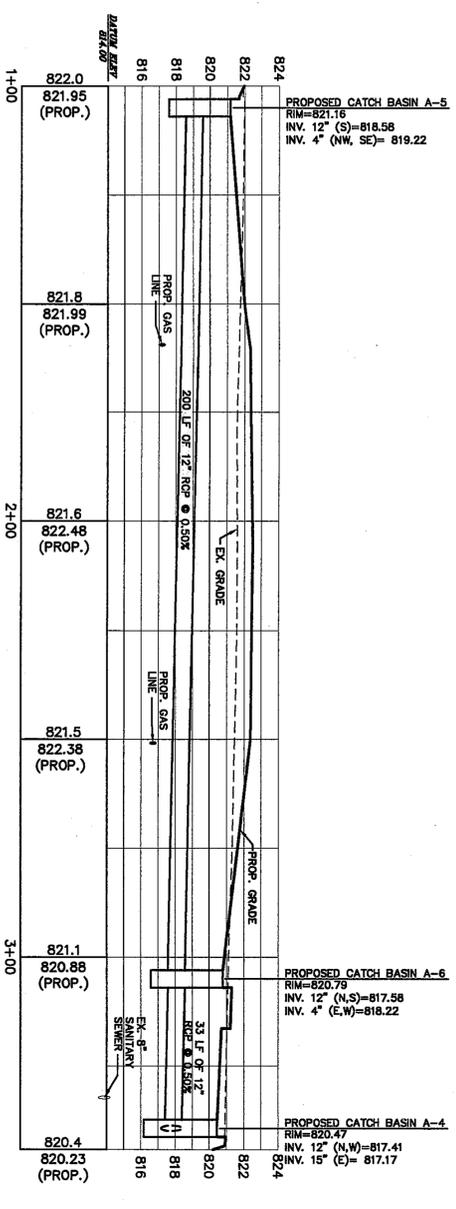


CLAUS PYLE SCHOMER BURNS & DEHAVEN INC.
GPD ASSOCIATES
520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101



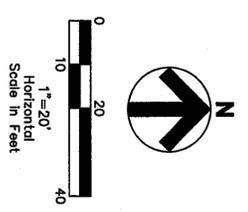
STORM SEWER PROFILE A-1 TO HW-1

SCALE:
HOR.: 1"=20'
VERT.: 1"=5'



STORM SEWER PROFILE A-5 TO A-4

SCALE:
HOR.: 1"=20'
VERT.: 1"=5'



Underground Utilities

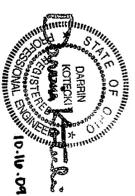
2 Working Days Before You Dig
Call 800-362-2764 (Toll Free)
Ohio Utilities Protection Service
Non-members Must Be Called Directly
Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service

BENCHMARKS:

BENCHMARK #1 - "BOX CUT" ON LIGHT POLE BASE.
ELEVATION=826.60

BENCHMARK #2 - "ARROW" SYMBOL ON HYDRANT.
ELEVATION=828.11

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

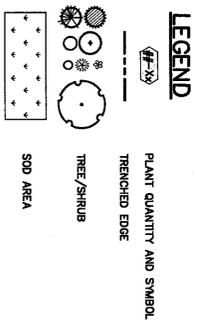
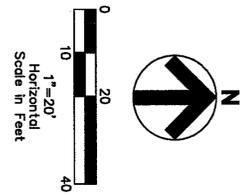
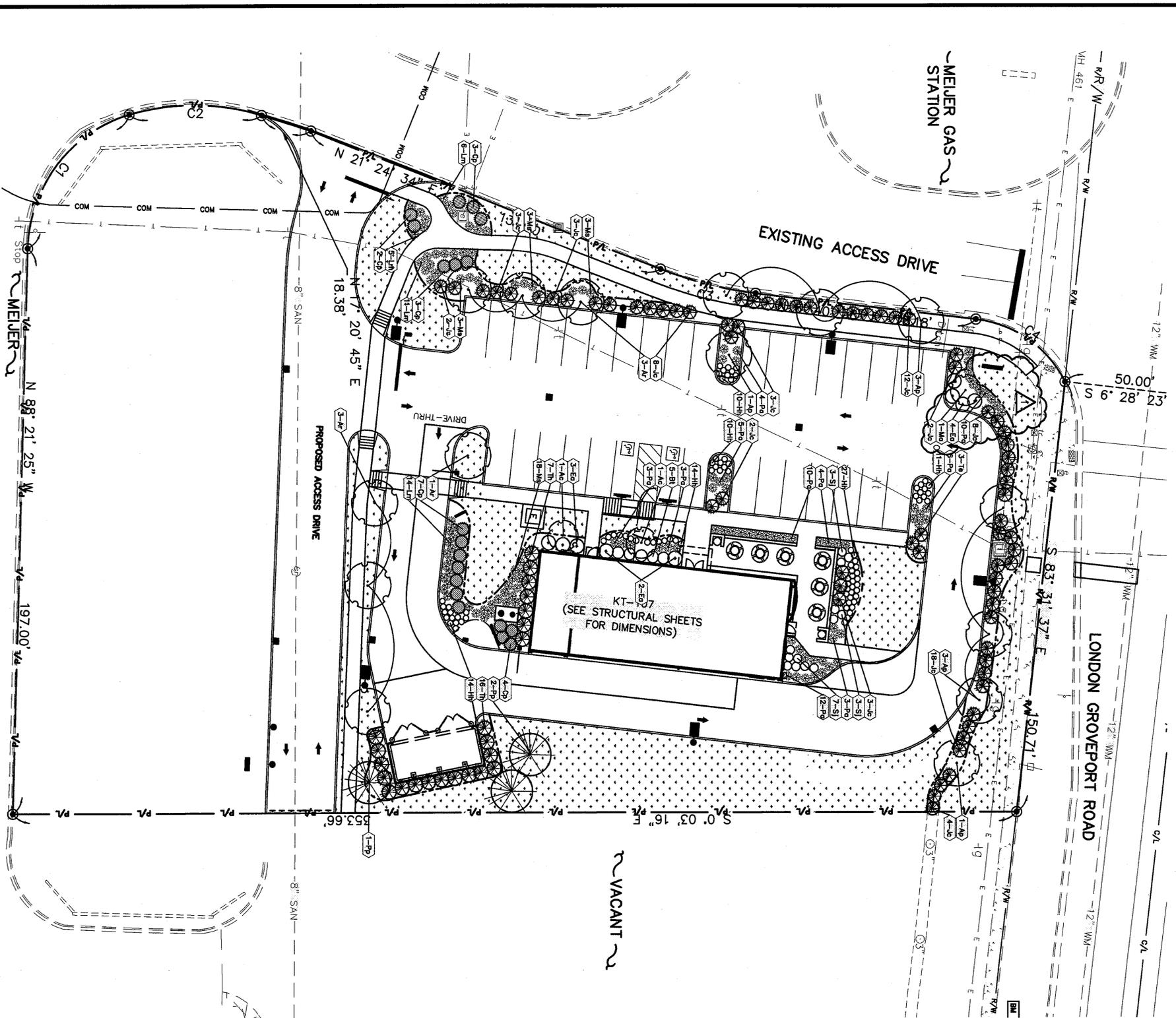


CONTRACT DATE: 7.15.09
BUILDING TYPE: KT-Y07
PLAN VERSION: 306925
SITE NUMBER: 200908014
STORE NUMBER:



STORM SEWER PROFILES

C-506
PLOT DATE:



Underground Utilities

2 Working Days Before You Dig
Call 800-362-2764 (Toll Free)
Ohio Utilities Protection Service
Non-members
Must Be Called Directly

Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service

BENCHMARKS:

BENCHMARK #1 - "BOX CUT" ON LIGHT POLE BASE.
ELEVATION=826.60

BENCHMARK #2 - "ARROW" SYMBOL ON HYDRANT.
ELEVATION=826.11

PLANT LIST

Symbol	Botanical Name	Common Name	Qty.	Size	Condition	Remarks
Ac	Arietianchier canadensis	Shadblow Sandcherry	2	6'	B&B	Specimen
Ap	Acer platanoides 'Columnar'	Columnar Norway Maple	8	2.5" cal.	B&B	Matched
Ar	Acer rubrum 'Frankford'	Red Sunset Red Maple	7	2.5" cal.	B&B	Matched
Bt	Barbarts thunbergii	Red Barbary	5	No. 3	Cont.	4' o/c
Cp	Chamaecyparis pisifera 'Fritillera Mops'	Gold Map False Cypress	19	No. 3	Cont.	4' o/c
Ed	Euonymus alda 'Compact'	Compact Burning Bush	9	No. 5	Cont.	5' o/c
Hh	Hemerocallis Stella D'Oro	Stella D'Oro Daylily	86	No. 1	Cont.	18" o/c
Jc	Juniperus chinensis 'Soybrook Gold'	Soybrook Gold Juniper	68	24"	B&B	6' o/c
Lm	Liriope muscari	Big Blue Liriope	36	No. 1	Cont.	18" o/c
Md	Malus 'sargentii'	Sargent Crab	1	2' cal.	B&B	Specimen
Ms	Miscanthus sinensis 'Morning Light'	Morning Light Maiden Grass	27	No. 2	Cont.	3' o/c
Pd	Pennisetum alopecuroides 'Hainin'	Hainin Fountain Grass	60	No. 2	Cont.	3' o/c
Pp	Picea pungens	Colorado Spruce	3	6' H	B&B	Specimen
Sj	Spirea japonica 'Neon Flash'	Neon Flash Spirea	13	No. 3	Cont.	3' o/c
Th	Thuja occidentalis 'Teahy'	Mission Arborvitae	23	4' H	B&B	5' o/c
To	Taxus x. media 'Everlow'	Everlow Yew	3	No. 3	Cont.	4' o/c

LANDSCAPE PLAN

L-101

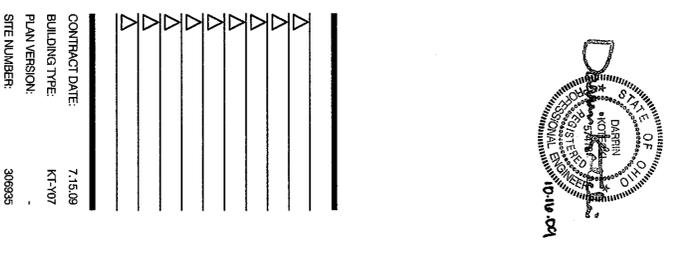
PILOT DATE:

KFC/TB

LONDON GROVEPORT ROAD (SR 865)
GROVE CITY, OH 43123

KT-Y07

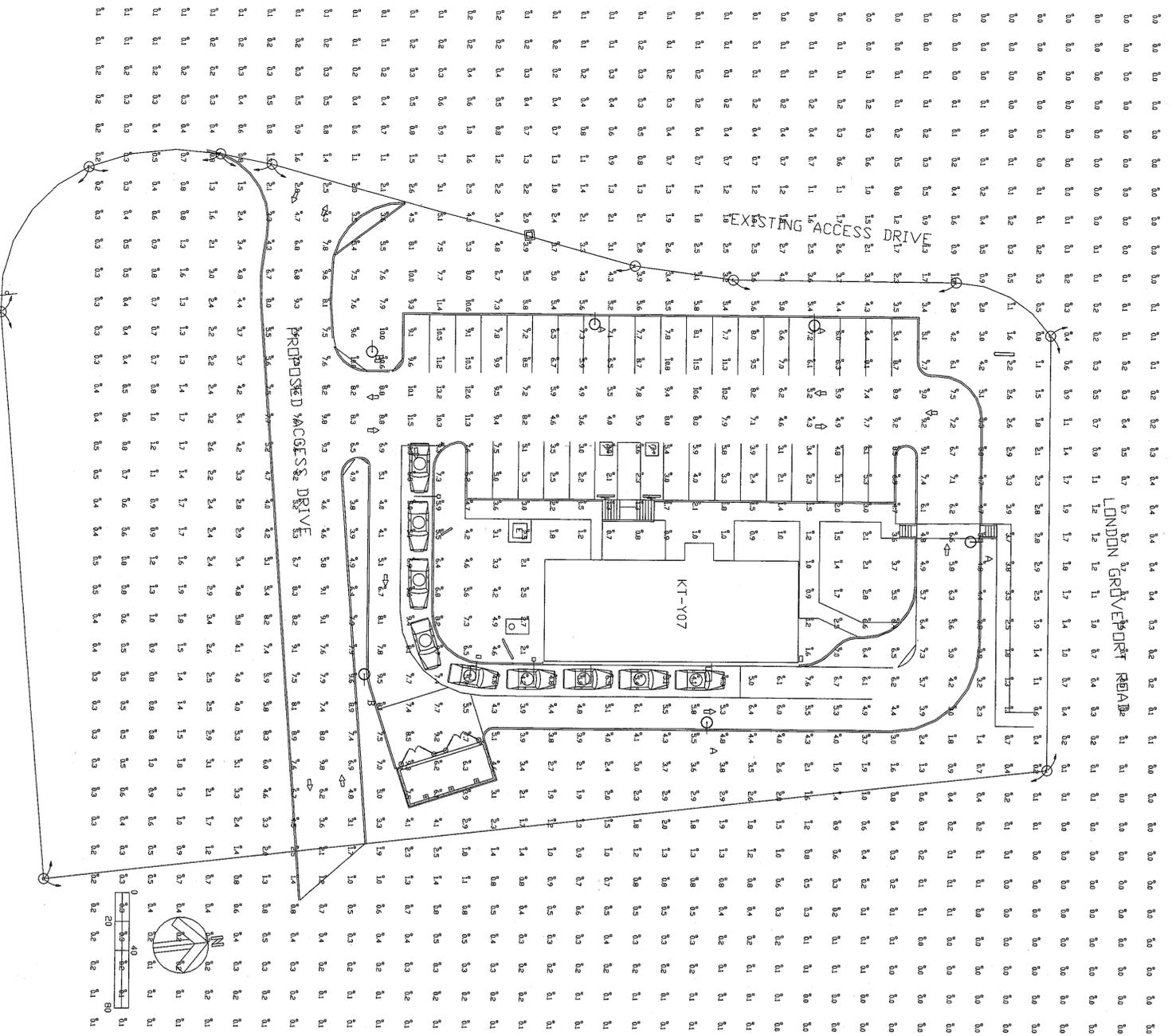
CONTRACT DATE: 7.15.09
BUILDING TYPE: KT-Y07
PLAN VERSION: 306935
SITE NUMBER: 20909804
STREET NUMBER: 20909804



GLAUS PYLE SCHOMER BURNS & DEHAVEN INC.

GPD ASSOCIATES

520 South Main Street, Suite 2531 Akron, Ohio 44311
330-572-2100, Fax 330-572-2101



KFC/TACD BELL
 GROVE CITY, OH
 PREPARED BY: JOHN BUJAKE
 ACCUSERV LIGHTING & EQUIPMENT
 877-707-7378
 502-961-0357 FAX
 jbu.jake@accu-serv.com
 AUGUST 3, 2009

Statistical Area Summary					
Project:	AVG	Max	Min	AVG/Min	Max/Min
Label: ALL Projects	6.64	13.2	2.1	316	6.29
Label: PARKING LDT SURFACE					

Luminaire Schedule						
Project:	Qty	Label	Arrangement	Lumens	LLF	Description
ALL Projects	4	A	SINGLE	115000	0.720	ACCU VLA29N3-1000MHxxx-WH-P-VSF-1A / DS330-500W300-P2-VH-HH-AB-F-FC
	2	B	SINGLE	115000	0.720	ACCU VLA29N5-1000MHxxx-WH-P-VSF-1A / DS330-500W300-P2-VH-HH-AB-F-FC

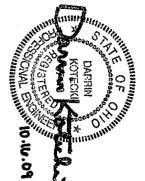
LIGHTING RESTRICTIONS: MATCHING EXISTING - SPECIFIED FIXTURES AND POLES MUST BE USED
 MINIMUM MAINTAINED LIGHT LEVEL OF 0.5 FOOT-CANDLES IN ALL VEHICULAR AREAS AND PEDESTRIAN PATHWAYS
 FIXTURES ARE FULL CUT-OFF 1000W METAL HALIDE W/ FLAT LENSES
 POLES ARE 30'-0" ROUND STEEL FOR AN OVERALL FIXTURE MOUNTING HEIGHT OF 32'-6"

CONTRACT DATE: 7/15/08
 BUILDING TYPE: KT-Y07
 PLAN VERSION: 30899C
 SITE NUMBER: 20090868.04

KFC / TB
 LONDON GROVE/PORT ROAD, GSR 66E
 GROVE CITY, OH 43123



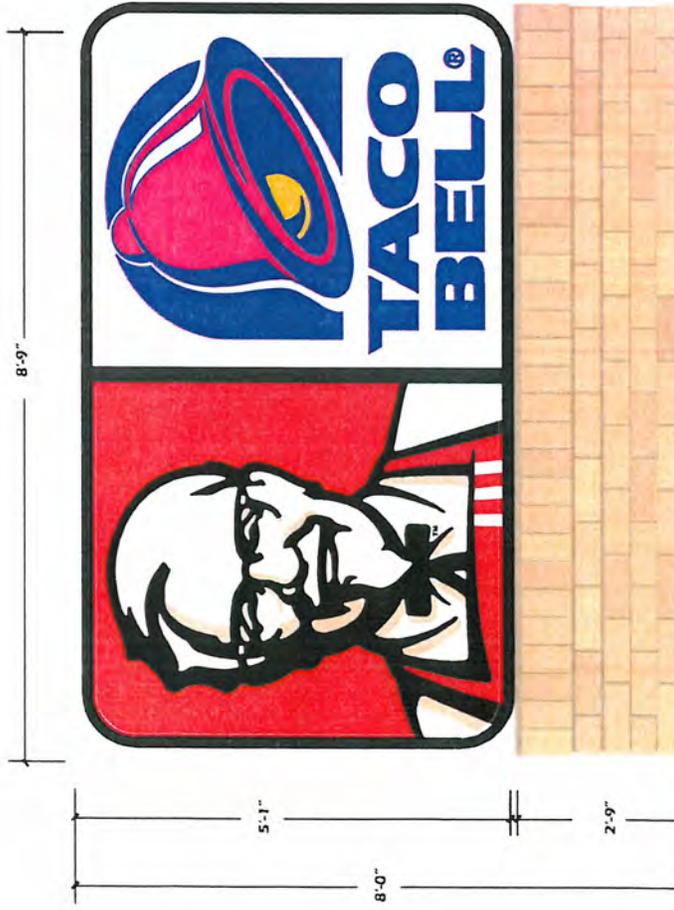
GLAUS PYLE SCHOMER BURNS & DEHAVEN INC.
GPD ASSOCIATES
 520 South Main Street, Suite 2331 Akron, Ohio 44311
 330-572-2100, Fax 330-572-2101



E1.0
 PLOT DATE:

PHOTOMETRIC PLAN

SEE REVISED PLANS



Artwork for presentation purposes only
actual brick color may vary.
Brick monument by others.

SIGN SPECIFICATIONS

ALUMINUM CASE & RETAINER PAINTED BLACK
PAN FORMED .150 CLEAR SG-100 SOLAR GRADE
POLYCARBONATE FACES WITH EMBOSSED
GRAPHICS.
SCREEN PRINTED OR VINYL DECORATION
BACKSPRAY WHITE

COLOR SPECIFICATIONS

KFC

-  Rich Red
LACRYL CB-2410
3M 3630-53
-  Bright Red
LACRYL CB-2404
3M 3630-2658
-  727
LACRYL CB-2414
3M 3630-0647
-  Black
3M 3630-22
-  White
LACRYL CB-2412
3M 3630-20

TACO BELL

-  Process Violet
3M VC-4153
-  Process Magenta
3M VC-4154
-  PMS 109
VC-4077

567-MB-5X9-RF-KV-L
567-MB-5X9-RF-TB-R

CUMMINGS SIGNS
The International Sign Specialist
A Division of International Sign Corporation

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APPROVAL OF CUMMINGS SIGNS BY AN OFFICER OF CUMMINGS SIGNS.

CUSTOMER APPROVAL:
DATE _____

REV #	DATE	BY
Rev #1	_____	_____
Rev #2	_____	_____
Rev #3	_____	_____
Rev #4	_____	_____
Rev #5	_____	_____
Rev #6	_____	_____



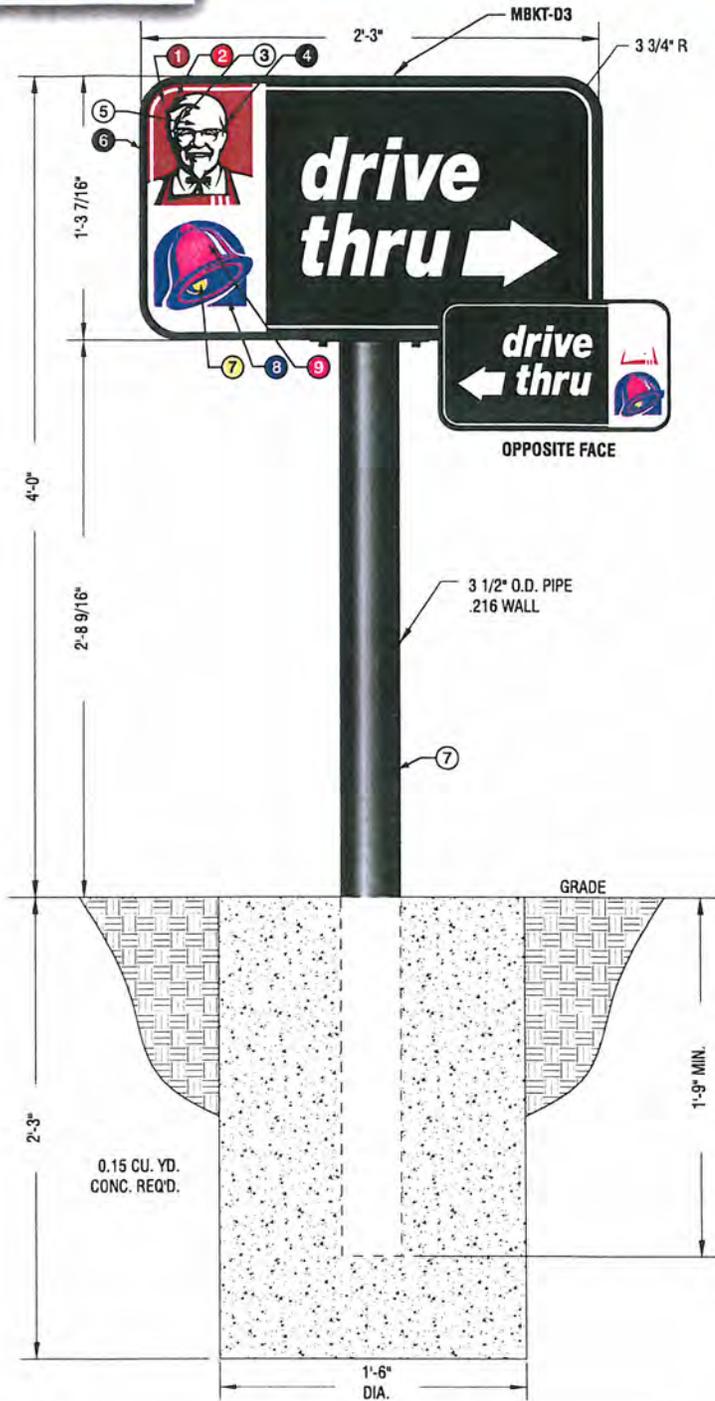
DRAWING NO:
54336

DATE: 3-31-09
S. HAWKE



MULTI-BRAND

MBKT-D3 • SMALL DIRECTIONAL SIGN



DESIGN PARAMETERS:

- Structural adequacy shall be the manufacturer's responsibility using the following criteria:
- 110 mph wind speed 3-second gust-Exposure C.
- 300 PSF per foot of depth allowable lateral soil bearing pressure.
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specifications

MBKT-D3 - DF SMALL DIRECTIONAL SIGN Sq. Ft: 2.90

- Extruded aluminum frame, 4 1/2" deep with built-in retainer.
- Aluminum painted fillers
- .118 Pan formed SG polycarbonate
- Approximate weight: 60 lbs.

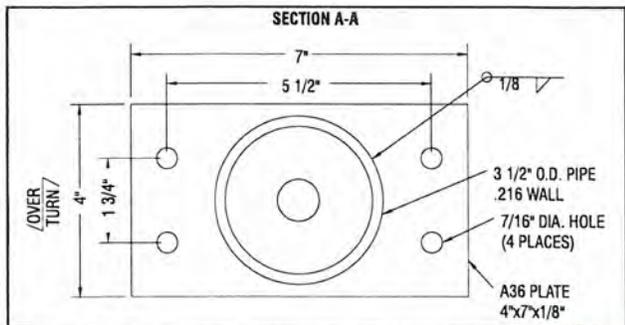
Electrical:

- Lamps: (2) F24T12HO/D
- Ballast: (1) 2 Lamp electronic ballast (1.1 amps each)
- Amp Load: 1.1 amps/120 volts
- Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

TOTAL LOAD: 1.1 amps - (1) 20 amp circuits 60 HZ

GRAPHIC & COLOR SPECIFICATIONS:

	COLOR	PMS	3M
KFC	1 KFC Rich Red	187	3630-53
	2 KFC Bright Red		3630-2658
	3 KFC Medium Warm Beige	727 CV	3630-0647
	4 KFC Rich Black	Black	3630-22
	5 White	White	3630-20
	6 Semi-Gloss Black Paint		
TB	7 Yellow	Yellow	3630-015
	8 Purple	Violet	3630-9126
	9 Magenta	Process Magenta	3630-1412



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MAY 06



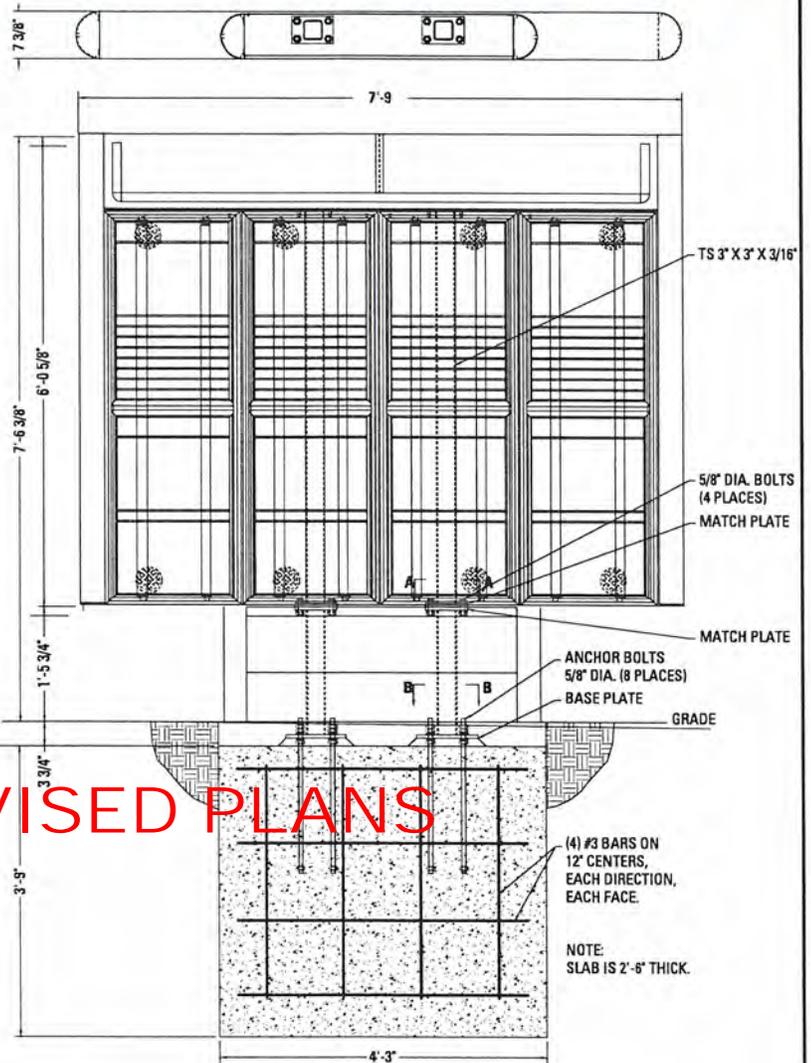


YUM-MBS-ADD

YUM-MBSS

YUM-MBS

SEE REVISED PLANS



DESIGN PARAMETERS:

- 110 mph wind speed 3-second gust-Exposure C.
- 300 PSF per foot of depth allowable lateral soil bearing pressure
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specifications.

YUM-MBS-4 - MENUBOARD 4 PANEL Sq. Ft.: 47.3

- Extruded aluminum frame, 7 3/8" deep
- Sufficiently ventilated to prevent condensation

Electrical:

- Lamps: (8) F60T12HO/CW
- Ballast: (2) 4 Lamp electronic ballast
- Amp Load: 3.4 amps/120 volts
- Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

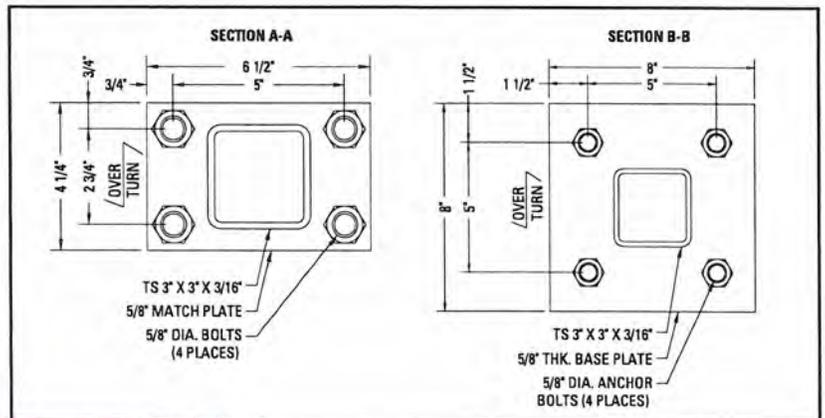
YUM-MBS-ADD - MENU ADDER PANEL

YUM-MBSS - DRIVE THRU MENUBOARD SHROUD

TOTAL LOAD: 3.4 amps - (1) 20 amp circuits 60 HZ

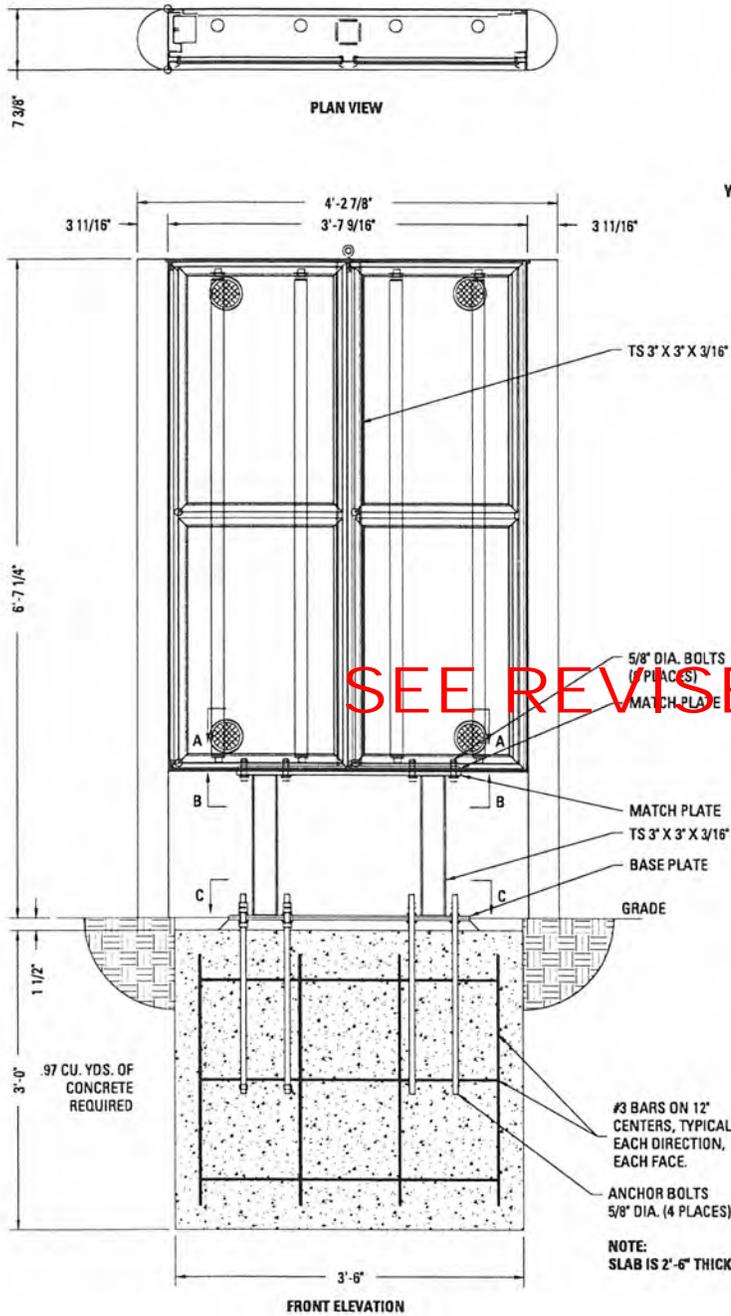
GRAPHIC & COLOR SPECIFICATIONS:

COLOR:	MODEL
Black	KL, KT & TL
Metallic Silver/Gray	KA



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JUNE 2008





SEE REVISED PLANS



DESIGN PARAMETERS:

- 110 mph wind speed 3-second gust-Exposure C.
- 300 PSF per foot of depth allowable lateral soil bearing pressure.
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specifications.

YUM-PB-2 - PREVIEW BOARD 2 PANEL

- Extruded aluminum frame, 7 3/8" deep
- Sufficiently ventilated to prevent condensation

Electrical:

- Lamps: (4) F60T12HO/CW
- Ballast: (1) 4 Lamp electronic ballast
- Amp Load: 2.2 amps/120 volts (does not include speaker electrical)
- Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

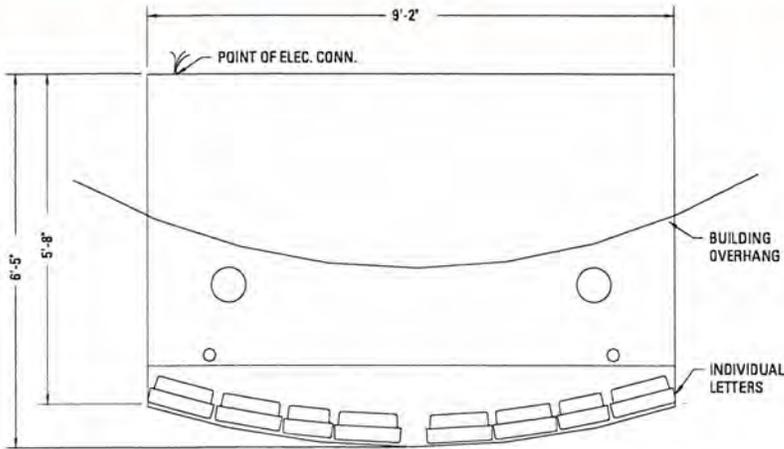
TOTAL LOAD: 2.2 amps - (1) 20 amp circuits 60 HZ

GRAPHIC & COLOR SPECIFICATIONS:

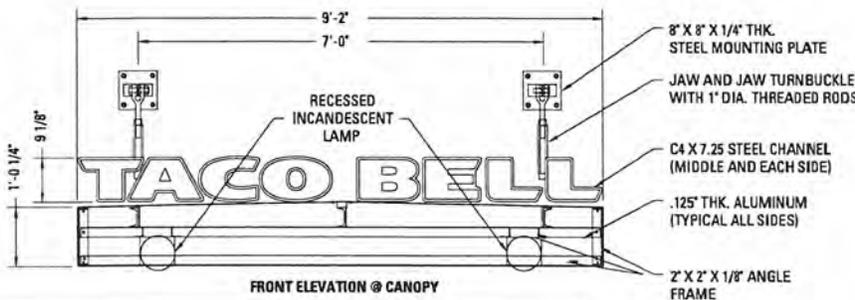
COLOR:	MODEL
Black	KL, KT & TL
Metallic Silver/Gray	KA & LA

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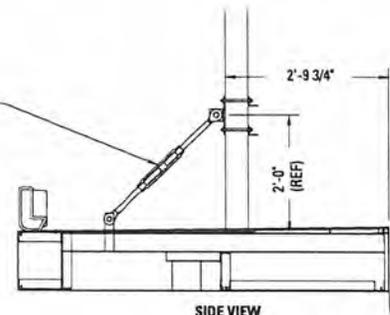




PLAN VIEW

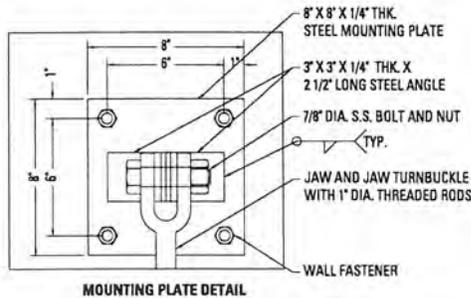


FRONT ELEVATION @ CANOPY

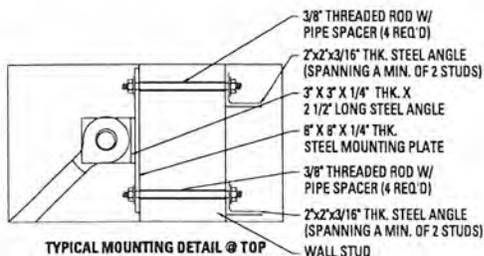


SIDE VIEW

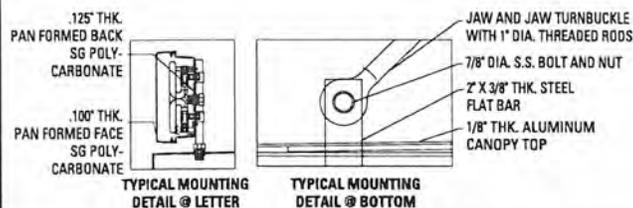
(REF): ALL TURNBUCKLE HEIGHTS TO BE VERIFIED WITH BLOCKING LOCATIONS AS SHOWN ON SITE SPECIFIC CONSTRUCTION DOCUMENTS



MOUNTING PLATE DETAIL



TYPICAL MOUNTING DETAIL @ TOP



TYPICAL MOUNTING DETAIL @ LETTER

TYPICAL MOUNTING DETAIL @ BOTTOM

DESIGN PARAMETERS:

- 110 mph wind speed 3-second gust-Exposure C.
- Attachment may vary based on wall conditions
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specification details

TB-ENTCNPY - ENTRANCE CANOPY

- .125" aluminum skin
- Fabricated using channel and angle frame
- Suspended with 1" diameter turnbuckles and plates
- Incandescent lamp fixture by Sign vendor

TB-CL9CNPY - INDIVIDUAL 9 1/8" LETTERS

- .125 pan formed SG polycarbonate back
- .100 pan formed SG polycarbonate face

Electrical:

Neon: 15mm cl Designer 71
 Transformers: (1) 9000/60ma (4.5 amps)
 Amp Load: 4.5 amps/120 volts
 Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

TOTAL LOAD: 4.5 amps - (1) 20 amp circuits 60 HZ

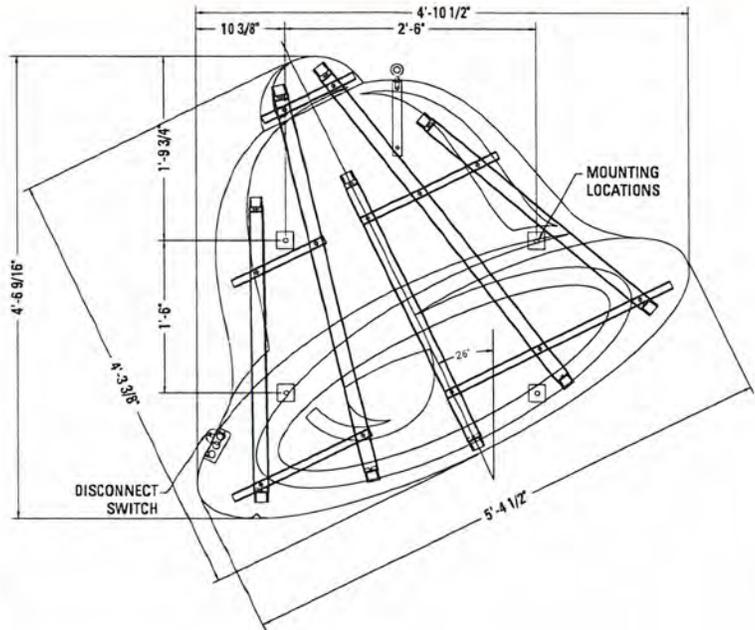
GRAPHIC & COLOR SPECIFICATIONS:

LETTERS	COLOR	PMS	3M
	Purple	Violet	VQ-4153
	Magenta	Process Magenta	VQ-4154

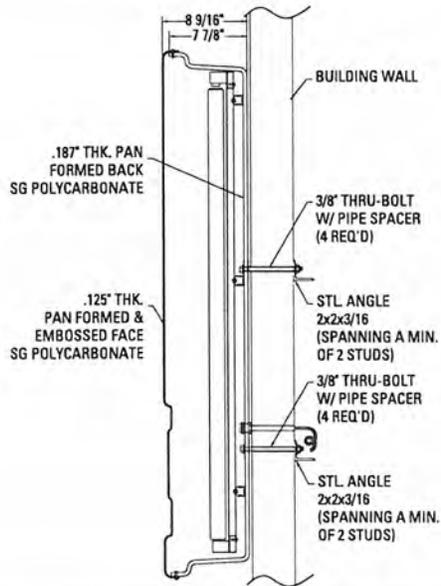
CANOPY STRUCTURE	COLOR	Tiger Drylac
	Brown C33	49/66230

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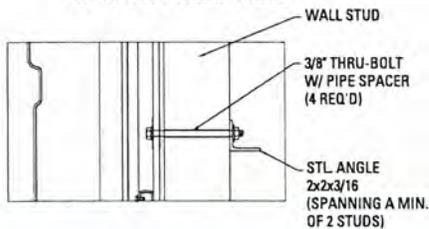




TYPICAL SECTION @ LOGO



TYPICAL LOGO MOUNTING DETAIL



When the E.I.F.S. finish is utilized on the building, clearance bushings must be incorporated in the installation of the signage/awnings. Bushings shall be installed after the E.I.F.S. has hardened. Drill a hole slightly larger than the bushing diameter, through the E.I.F.S. only, stopping at the plywood. Caulk the opening prior to inserting the bushing to seal penetration.

DESIGN PARAMETERS:

- 110 mph wind speed 3-second gust-Exposure C.
- Attachment may vary based on wall conditions.
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specification details

TB-SB4 - SWINGING BELL LOGO

- .187 pan formed SG polycarbonate back
- .125 pan formed and embossed SG polycarbonate face
- Approximate weight: 60 lbs.

Electrical:

- Lamps: (2) F48T12HO/DSGN50 & (3) F36T12HO/DSGN50
- Ballast: (1) 5 Lamp electronic ballast (1.7 amps each)
- Amp Load: 1.7 amps/120 volts
- Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

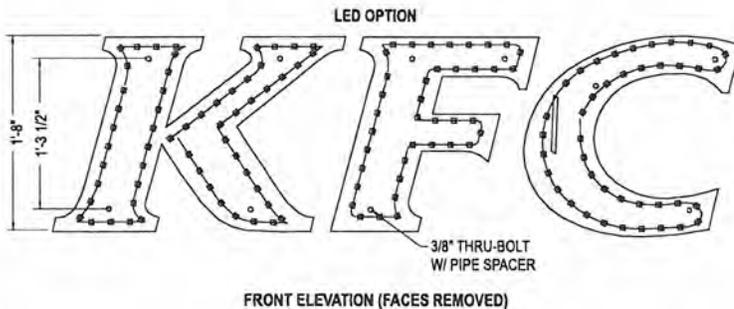
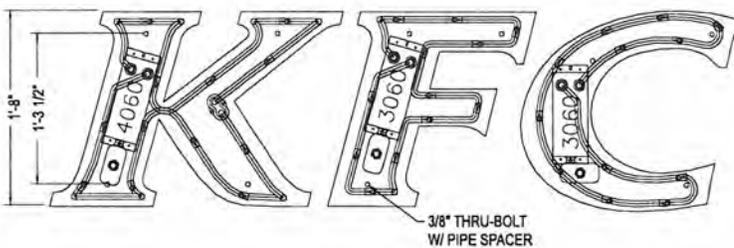
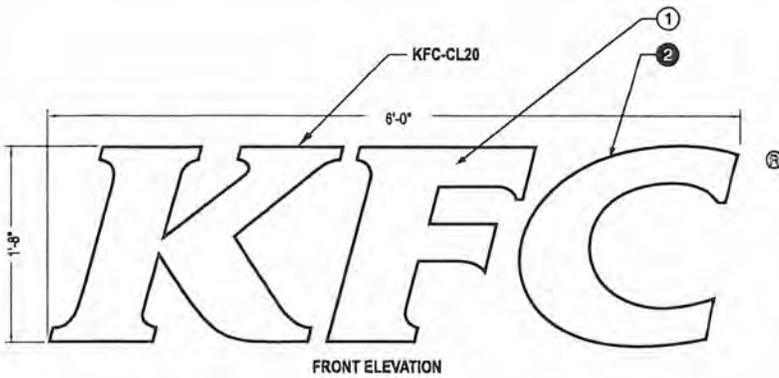
TOTAL LOAD: 1.7 amps - (1) 20 amp circuits 60 HZ

GRAPHIC & COLOR SPECIFICATIONS:

COLOR	PMS	3M
Yellow	109	VQ-4077
Purple	Violet	VQ-4153
Magenta	Process Magenta	VQ-4154

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DESIGN PARAMETERS:

- Structural adequacy shall be the manufacturer's responsibility using the following criteria:
- 110 mph wind speed 3-second gust-Exposure C.
- Attachment may vary based on wall conditions.
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specifications

KFC - 20" CHANNEL LETTERS Sq. Ft.: 10

- .063 alum. back with .040 alum. returns
- .150 7328 white acrylic face with 1" black jewelite trimcap

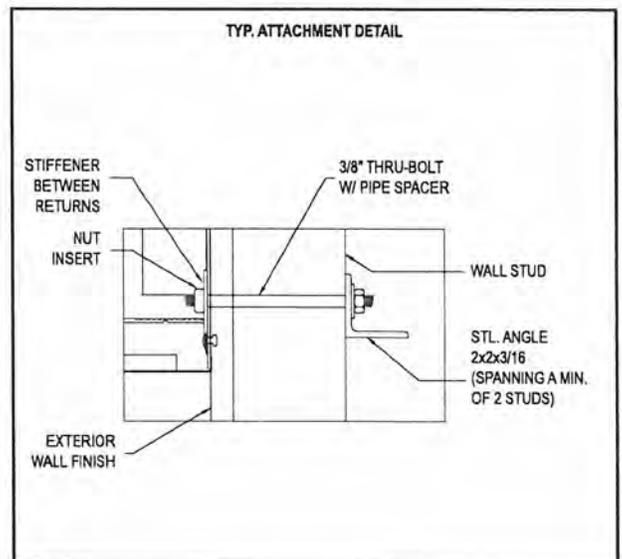
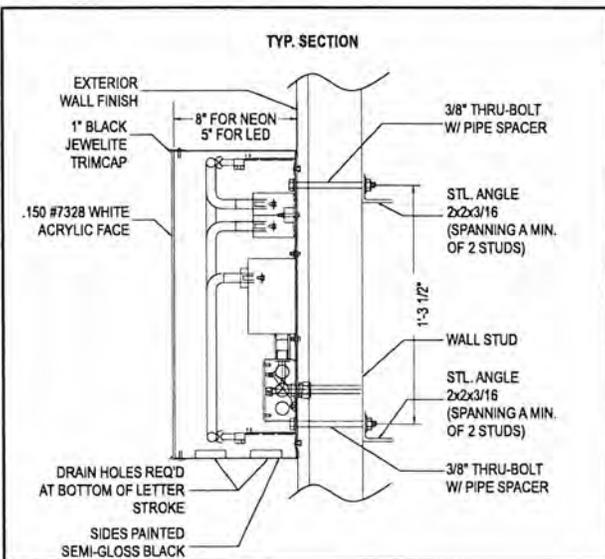
Electrical:

- Neon: 15mm VOLTARC, cl designer 71
- Transformers: (2) 3000/60ma (1.5 amps each)
(1) 4000/60ma (2.0 amps)
- Amp Load: 5.0 amps/120 volts
- Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

TOTAL LOAD: 5.0 amps - (1) 20 amp circuits 60 HZ

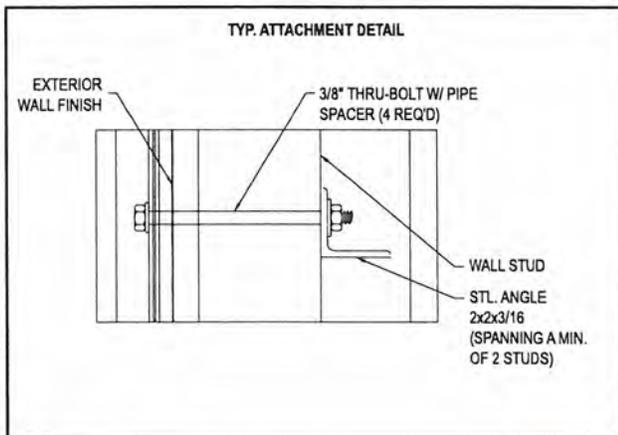
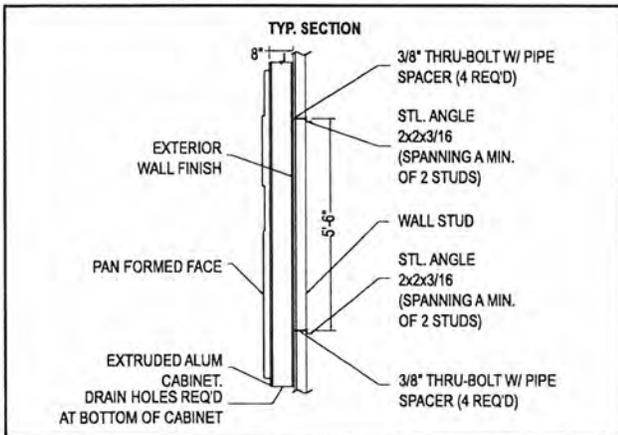
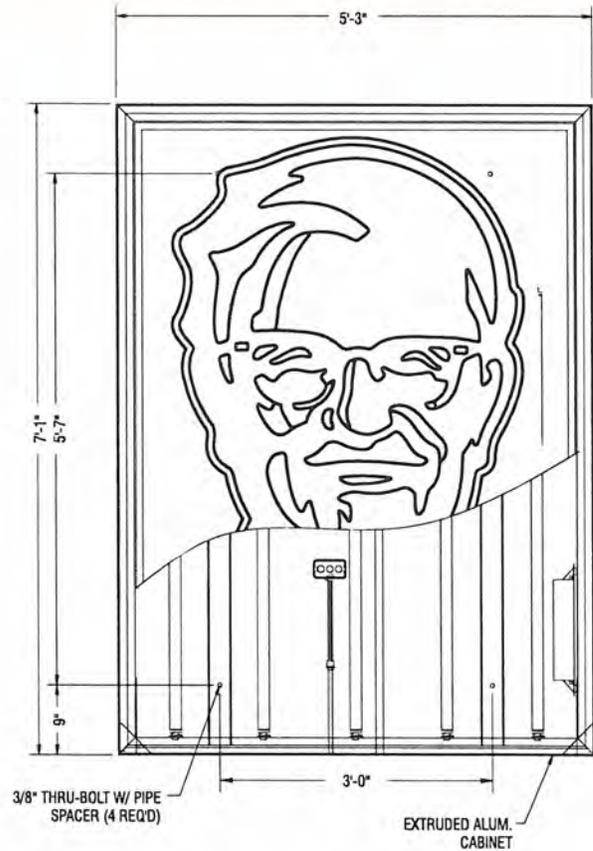
GRAPHIC & COLOR SPECIFICATIONS:

- | | | |
|--------------------------|-----|----|
| COLOR | PMS | 3M |
| ① White Polycarbonate | | |
| ② Semi-Gloss Black Paint | | |



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DESIGN PARAMETERS:

- Structural adequacy shall be the manufacturer's responsibility using the following criteria:
- 110 mph wind speed 3-second gust-Exposure C.
- Attachment may vary based on wall conditions
- Compliant with national building codes and standards (IBC, UBC, BOCA, AISC, ASCE 7, ACI & Aluminum Design Manual)
- Refer to written documentation for material specification

KFC-MEDIUM VERTICAL WALL SIGN Sq. Ft: 36.75

- Extruded aluminum frame, 8" deep with 2" retainer.
- Aluminum painted fillers
- .150 Pan formed and embossed SG polycarbonate with retention strips
- Approximate weight: 143 lbs.

Electrical:

- Lamps: (5) F84T12HO/D
- Ballast: (1) 6 Lamp electronic ballast (2.5 amps)
- Amp Load: 2.5 amps/120 volts
- Circuits: (1) 20 amp circuits 60 HZ - UL 48 & NEC compliant

TOTAL LOAD: 2.5 amps - (1) 20 amp circuits 60 HZ

GRAPHIC & COLOR SPECIFICATIONS:

COLOR	PMS	3M
① KFC Rich Red	187	3630-53
② KFC Bright Red		3630-2658
③ KFC Medium Warm Beige	727 CV	3630-0647
④ KFC Rich Black	Black	3630-22
⑤ White	White	3630-20
⑥ Semi-Gloss Black Paint		

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NOTE: RED BRICK BASE TO MATCH BUILDING BY OTHER CONTRACTORS.



DISCLAIMER: Renderings are for graphic purposes only and not intended for actual construction dimensions. For windload requirements, actual dimensions and mounting detail, please refer to engineering specifications and install drawings.

These drawings and designs are the exclusive property of Everbite, LLC Use of, or duplication in any manner without express written permission of Everbite, LLC is prohibited.

Customer: KFC / TB		Description: 5'x9' Monument Sign @ 8' OAH	Customer Approval: NOTE: Unless specified by customer, all depth of embossing will be determined by Everbite Engineering or existing customer specifications on file. Colors and graphics on file will be used unless otherwise specified by customer.
Project No: 243586-5	Scale: 3/8"=1'-0"		
Date: 10/14/09	Drawn By: RB	Revised:	Please read carefully, check appropriate box and fax back to Everbite: <input type="checkbox"/> Sketch OK as is <input type="checkbox"/> New sketch required
Location & Site No: Grove City, OH Site: TB306491		Revised:	
		Revised:	
		SIGNATURE _____	DATE _____



FRONT ELEVATION

NOTE: RED BRICK BASE TO MATCH BUILDING BY OTHER CONTRACTORS.



DISCLAIMER: Renderings are for graphic purposes only and not intended for actual construction dimensions. For windload requirements, actual dimensions and mounting detail, please refer to engineering specifications and install drawings.

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Customer: KFC / TB		Description: Four Panel Drive-Thru Menu Board	Customer Approval: NOTE: Unless specified by customer, all depth of embossing will be determined by Everbite Engineering or existing customer specifications on file. Colors and graphics on file will be used unless otherwise specified by customer.
Project No: 243586-5	Scale: 1/2"=1'-0"		
Date: 10/14/09	Drawn By: RB	Revised:	Please read carefully, check appropriate box and fax back to Everbite: <input type="checkbox"/> Sketch OK as is <input type="checkbox"/> New sketch required
Location & Site No: Grove City, OH Site: TB306491		Revised:	
		Revised:	
		SIGNATURE _____	DATE _____



FRONT ELEVATION

NOTE: RED BRICK BASE TO MATCH BUILDING BY OTHER CONTRACTORS.



DISCLAIMER: Renderings are for graphic purposes only and not intended for actual construction dimensions. For windload requirements, actual dimensions and mounting detail, please refer to engineering specifications and install drawings.

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Customer: KFC / TB		Description: Two Panel Drive-Thru Preview Board	Customer Approval: NOTE: Unless specified by customer, all depth of embossing will be determined by Everbite Engineering or existing customer specifications on file. Colors and graphics on file will be used unless otherwise specified by customer.
Project No: 243586-5	Scale: 1/2"=1'-0"		
Date: 10/14/09	Drawn By: RB	Revised:	Please read carefully, check appropriate box and fax back to Everbite: <input type="checkbox"/> Sketch OK as is <input type="checkbox"/> New sketch required
Location & Site No: Grove City, OH Site: TB306491		Revised:	
		Revised:	
		SIGNATURE _____	DATE _____

Type:
Job:
Catalog number:

Approvals:

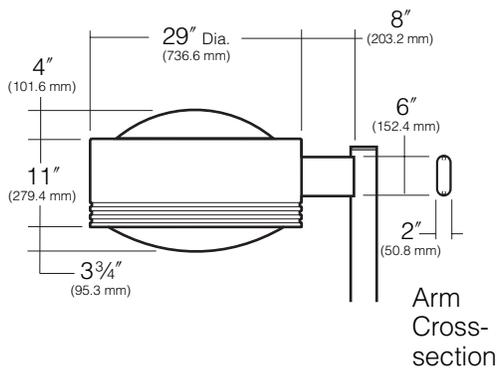
/ / / /
 Mtg. Fixture Electrical Module Finish Options
 _____ See page 2 _____ See page 3 _____ See pages 4-5

Date:
Page: 1 of 5

Select pole from Kim Pole Catalog. If pole is provided by others indicate O.D. for arm fitting.

Specifications

29" Diameter
750-1000 Watt



Housing: Spun aluminum with integral top dome and three equally spaced rollformed reveals, 1/2" wide, separated by 1/2" ribs, 1/4" deep. Sidewalls have a maximum 1° of taper, and are free of welds or fasteners. A rollformed aluminum flange is hemmed into the bottom providing support for the reflector module. An internal aluminum casting provides for mounting of the electrical module and support for the housing hinge.

Lens Frame Assembly: One-piece cast aluminum lens frame is attached to the housing by a zinc plated cold rolled steel hinge with a stainless steel pin. Closure is by four self-retained stainless steel screws. A zinc plated steel self-locking stop-arm is provided to hold the lens frame or housing in the open position while servicing. A 3/16" thick clear tempered sag-glass lens is fully gasketed by a one-piece extruded and vulcanized silicone gasket. Lens is retained in the lens frame by zinc plated steel clips.

Arm Mounting: Arm is one-piece extruded aluminum with internal bolt guides and fully radiussed top and bottom. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. Arm is circular cut to mate with specified round pole.

Reflector Module: Specular Alzak® optical segments are rigidly mounted within a die-cast aluminum enclosure that attaches to the housing as a one-piece module. Reflectors are field rotatable in 90° increments. All sockets are factory prewired with a quick-disconnect plug for the ballast module. Wire penetrations to the socket are sealed by a silicone gasket to create a totally sealed optical chamber. The optical segments are positioned so that reflected light does not pass through the lamp arc tube. The socket is held in a heat sink die-cast segment and fastened to a multi-position plate set at the factory for "Wide" or "Medium" beam spread. The beam spread can be adjusted in the field with the simple removal of two screws and a turn of the socket brackets. "Narrow" beam reflectors are fixed and non-adjustable. All reflectors are equipped with a mogul base socket rated 5KV. All optical systems are interchangeable within the housing. 750, and 1000 watt vertical lamps utilize a lamp vibration stabilizer that braces the neck of the lamp with a two-prong stainless steel clamp extending from the socket mount.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module attaches inside housing using keyhole slots. All ballasts are high power factor with starting temperatures of -40°F. for HPS and -20°F. for MH lamp modes.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T. M. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious injury.

Listings and Ratings

UL cUL 1598 ¹	CE	25C Ambient
	IP66 Rated	
(Full) Cut Off ² (Flat Glass Lens Only)		

¹Suitable for wet locations

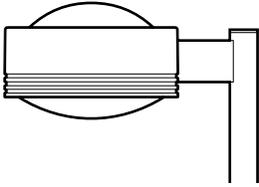
²Dark Sky Legislation Compliant

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

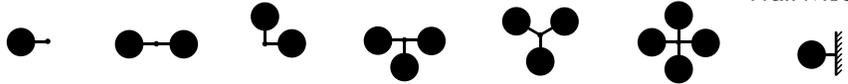
Type:

Job:

Page: 2 of 5



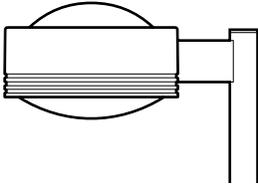
Standard Features

<p>Mounting 3Y configuration is available for round poles or vertical slipfitter mount (VSF) only.</p>	<p>Plan View:</p>  <p>Wall Mount</p> <p>EPA: 1.8 3.6 3.3 5.2 5.2 5.9 —</p> <p>Cat. No.: <input type="checkbox"/> 1A <input type="checkbox"/> 2B <input type="checkbox"/> 2L <input type="checkbox"/> 3T <input type="checkbox"/> 3Y <input type="checkbox"/> 4C <input type="checkbox"/> 1W</p>
<p>Fixture Cat. No. designates VL fixture, light distribution and beam spread. See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.</p>	<p>Convex Lens</p>  <p>Light Distribution: Asymmetric Wide Asymmetric Medium Square Wide Square Medium</p> <p>Beam Spread:</p> <p>Cat. No.: <input type="checkbox"/> VLA29W3 <input type="checkbox"/> VLA29M3 <input type="checkbox"/> VLA29W5 <input type="checkbox"/> VLA29M5</p> <p>Optional Flat Lens</p>  <p>Light Distribution: Asymmetric Medium Square Medium</p> <p>Beam Spread:</p> <p>Cat. No.: <input type="checkbox"/> VLA29N3F^{1,2} <input type="checkbox"/> VLA29N5F^{1,2}</p> <p>NOTE: ¹Flat Lens models must use ED37 lamps. ²All Flat Lens models are Full Cutoff, Narrow Distribution.</p>

Type:

Job:

Page: 3 of 5



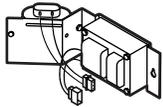
Standard Features

Electrical Module

HPS = High Pressure Sodium

MH = Metal Halide

PMH = Pulse Start Metal Halide



Lamp Watts	Lamp Type	Line Volts
750	HPS	277

Cat. Nos. for Electrical Modules available:

	High Pressure Sodium		Metal Halide
	<input type="checkbox"/> 750HPS120	<input type="checkbox"/> 1000HPS120	<input type="checkbox"/> 1000MH120
	<input type="checkbox"/> 750HPS208	<input type="checkbox"/> 1000HPS208	<input type="checkbox"/> 1000MH208
	<input type="checkbox"/> 750HPS240	<input type="checkbox"/> 1000HPS240	<input type="checkbox"/> 1000MH240
	<input type="checkbox"/> 750HPS277	<input type="checkbox"/> 1000HPS277	<input type="checkbox"/> 1000MH277
	<input type="checkbox"/> 750HPS347	<input type="checkbox"/> 1000HPS347	<input type="checkbox"/> 1000MH347
	<input type="checkbox"/> 750HPS480	<input type="checkbox"/> 1000HPS480	<input type="checkbox"/> 1000MH480
Lamp	BT-37 Clear	E-25 Clear or ED-37 ¹ Clear	BT-37 Clear
Socket	Mogul Base	Mogul Base	Mogul Base
ANSI Ballast Type	S-111	S-52	M-47
	Pulse Start Metal Halide		
	<input type="checkbox"/> 750PMH120	<input type="checkbox"/> 1000PMH120	
	<input type="checkbox"/> 750PMH208	<input type="checkbox"/> 1000PMH208	
	<input type="checkbox"/> 750PMH240	<input type="checkbox"/> 1000PMH240	
	<input type="checkbox"/> 750PMH277	<input type="checkbox"/> 1000PMH277	
	<input type="checkbox"/> 750PMH347	<input type="checkbox"/> 1000PMH347	
	<input type="checkbox"/> 750PMH480	<input type="checkbox"/> 1000PMH480	
Lamp	BT-37 Clear	BT-37 Clear	
Socket	Mogul Base	Mogul Base	
ANSI Ballast Type	M-149	M-141	

¹HPS Flat Lens models must use ED-37 lamps.

Finish

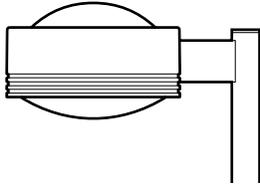
Super TGIC powder coat paint over a titanated zirconium conversion coating.

Color: Black Dark Bronze Light Gray Platinum Silver White Custom Colors²
 Cat. No.: **BL** **DB** **LG** **PS** **WH** **CC**

²Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

Type:

Job:



Optional Features

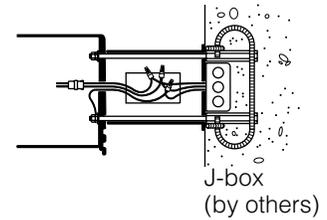
Wall Mounting

Cat. No. **1W**

Select from Mounting on page 2.

Wall Mounting: (For poured concrete walls only).

Modified support arm with side access hole for field splicing. Zinc electro-plated steel embedment bracket for casting around a junction box, cover plate for junction box finished to match fixture. 8"L x 6"H x 2"W.

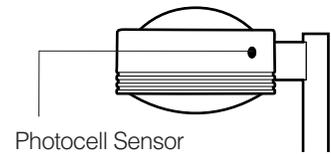


Photocell

Cat. No. (See chart on right)
 No Option

Factory installed photocell inside housing with a fully gasketed sensor on the side wall. 750 watt fixtures and above will have individual photocells.

Cat. No.	Line Volts:	Cat. No.	Line Volts:
<input type="checkbox"/> A-30	120V	<input type="checkbox"/> A-33	277V
<input type="checkbox"/> A-31	208V	<input type="checkbox"/> A-35	347V
<input type="checkbox"/> A-32	240V	<input type="checkbox"/> A-34	480V



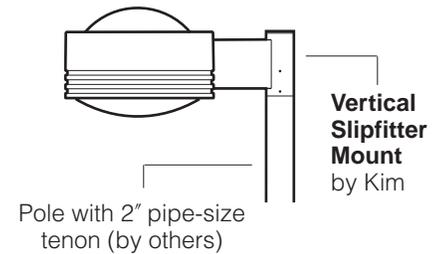
Vertical Slipfitter Mount

Cat. No. includes Mounting.

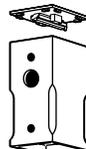
Cat. No. (See chart on right)
 No Option

Allows standard fixture and arm to be mounted to steel poles having a 2" pipe-size steel tenon (2³/₈" O.D. x 4¹/₂" min. length). 4" round cast aluminum with flush cap, secured by four ³/₈" stainless steel set point allen screws. Pole tenon must be field drilled at one set screw location to insure against fixture rotation. Finished to match fixture.

NOTE: 3Y only available on round slipfitter.



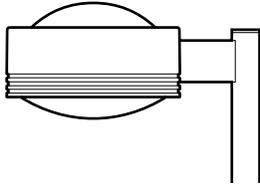
Cat. No.	
<input type="checkbox"/> VSF-1A	
<input type="checkbox"/> VSF-2B	
<input type="checkbox"/> VSF-2L	
<input type="checkbox"/> VSF-3T	
<input type="checkbox"/> VSF-3Y	
<input type="checkbox"/> VSF-4C	4" Round

	
Stainless steel set screws	
	4" Square

Cat. No.	Mounting Configuration
<input type="checkbox"/> SVSF-1A	1A - Single arm mount
<input type="checkbox"/> SVSF-2B	2B - 2 at 180°
<input type="checkbox"/> SVSF-2L	2L - 2 at 90°
<input type="checkbox"/> SVSF-3T	3T - 3 at 90°
<input type="checkbox"/> SVSF-3Y	3Y - 3 at 120°
<input type="checkbox"/> SVSF-4C	4C - 4 at 90°

Type:

Job:

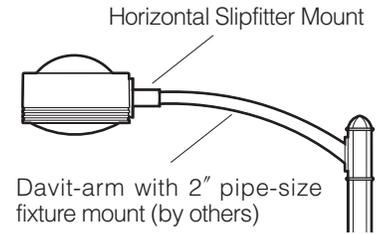


Optional Features

Horizontal Slipfitter Mount

Cat. No. HSF
 No Option

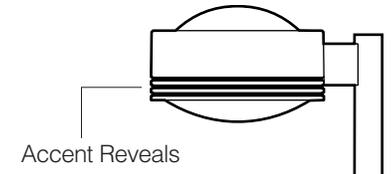
Replaces standard mounting arm with a slipfitter which allows VL Arm Mount model to be mounted to a horizontal pole davit-arm with 2" pipe-size mounting end (2³/₈" O.D.). Cast aluminum clamp-type slipfitter with set screw anti-rotation lock. Bolts to housing from inside the electrical compartment using mounting holes for the standard support arm. Davit-arm must be field drilled at a set screw location to insure against fixture rotation. Finished to match fixture and arm.



Accent Reveals

Cat. No. (See right)
 No Option

Three aluminum bands riveted inside the housing reveals. Available in five standard Kim powder coat finishes. Custom colors available. Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T.M.2500 hour salt spray test endurance rating.



Color: Black Dark Bronze Light Gray Platinum Silver White Custom Colors¹
 Cat. No.: **BL-REV** **DB-REV** **LG-REV** **PS-REV** **WH-REV** **CC-REV**

¹Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

Type:
Job:
Catalog number:

Approvals:

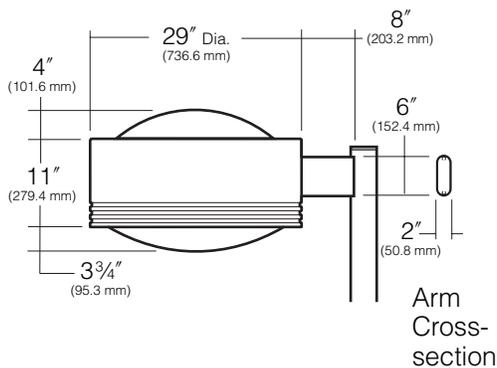
/ / / /
 Mtg. Fixture Electrical Module Finish Options
 _____ See page 2 _____ See page 3 _____ See pages 4-5

Date:
Page: 1 of 5

Select pole from Kim Pole Catalog. If pole is provided by others indicate O.D. for arm fitting.

Specifications

29" Diameter
750-1000 Watt



Housing: Spun aluminum with integral top dome and three equally spaced rollformed reveals, 1/2" wide, separated by 1/2" ribs, 1/4" deep. Sidewalls have a maximum 1° of taper, and are free of welds or fasteners. A rollformed aluminum flange is hemmed into the bottom providing support for the reflector module. An internal aluminum casting provides for mounting of the electrical module and support for the housing hinge.

Lens Frame Assembly: One-piece cast aluminum lens frame is attached to the housing by a zinc plated cold rolled steel hinge with a stainless steel pin. Closure is by four self-retained stainless steel screws. A zinc plated steel self-locking stop-arm is provided to hold the lens frame or housing in the open position while servicing. A 3/16" thick clear tempered sag-glass lens is fully gasketed by a one-piece extruded and vulcanized silicone gasket. Lens is retained in the lens frame by zinc plated steel clips.

Arm Mounting: Arm is one-piece extruded aluminum with internal bolt guides and fully radiussed top and bottom. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. Arm is circular cut to mate with specified round pole.

Reflector Module: Specular Alzak® optical segments are rigidly mounted within a die-cast aluminum enclosure that attaches to the housing as a one-piece module. Reflectors are field rotatable in 90° increments. All sockets are factory prewired with a quick-disconnect plug for the ballast module. Wire penetrations to the socket are sealed by a silicone gasket to create a totally sealed optical chamber. The optical segments are positioned so that reflected light does not pass through the lamp arc tube. The socket is held in a heat sink die-cast segment and fastened to a multi-position plate set at the factory for "Wide" or "Medium" beam spread. The beam spread can be adjusted in the field with the simple removal of two screws and a turn of the socket brackets. "Narrow" beam reflectors are fixed and non-adjustable. All reflectors are equipped with a mogul base socket rated 5KV. All optical systems are interchangeable within the housing. 750, and 1000 watt vertical lamps utilize a lamp vibration stabilizer that braces the neck of the lamp with a two-prong stainless steel clamp extending from the socket mount.

Electrical Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module attaches inside housing using keyhole slots. All ballasts are high power factor with starting temperatures of -40°F. for HPS and -20°F. for MH lamp modes.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T. M. 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious injury.

Listings and Ratings

UL cUL 1598 ¹	CE	25C Ambient
	IP66 Rated	
(Full) Cut Off ² (Flat Glass Lens Only)		

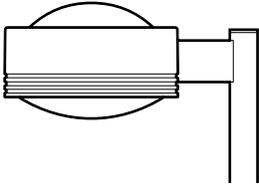
¹Suitable for wet locations

²Dark Sky Legislation Compliant

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

Type:

Job:



Standard Features

Mounting

3Y configuration is available for round poles or vertical slipfitter mount (VSF) only.

Plan View:



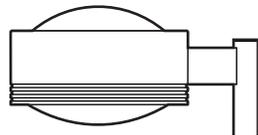
EPA:	1.8	3.6	3.3	5.2	5.2	5.9	—
Cat. No.:	<input type="checkbox"/> 1A	<input type="checkbox"/> 2B	<input type="checkbox"/> 2L	<input type="checkbox"/> 3T	<input type="checkbox"/> 3Y	<input type="checkbox"/> 4C	<input type="checkbox"/> 1W

Fixture

Cat. No. designates VL fixture, light distribution and beam spread.

See the Kim Site/Roadway Optical Systems Catalog for detailed information on reflector design and application.

Convex Lens



Light Distribution:
Beam Spread:

Asymmetric
Wide

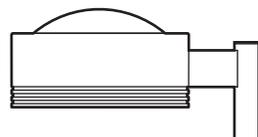
Asymmetric
Medium

Square
Wide

Square
Medium

Cat. No.:	<input type="checkbox"/> VLA29W3	<input type="checkbox"/> VLA29M3	<input type="checkbox"/> VLA29W5	<input type="checkbox"/> VLA29M5
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Optional Flat Lens



Light Distribution:
Beam Spread:

Asymmetric
Medium

Square
Medium

Cat. No.:	<input type="checkbox"/> VLA29N3F ^{1,2}	<input type="checkbox"/> VLA29N5F ^{1,2}
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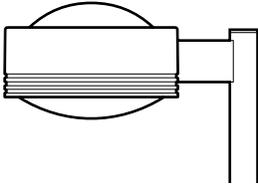
NOTE:

¹Flat Lens models must use ED37 lamps.

²All Flat Lens models are Full Cutoff, Narrow Distribution.

Type:

Job:



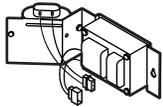
Standard Features

Electrical Module

HPS = High Pressure Sodium

MH = Metal Halide

PMH = Pulse Start Metal Halide



Lamp Watts	Lamp Type	Line Volts
750	HPS	277

Cat. Nos. for Electrical Modules available:

	High Pressure Sodium		Metal Halide
	<input type="checkbox"/> 750HPS120	<input type="checkbox"/> 1000HPS120	<input type="checkbox"/> 1000MH120
	<input type="checkbox"/> 750HPS208	<input type="checkbox"/> 1000HPS208	<input type="checkbox"/> 1000MH208
	<input type="checkbox"/> 750HPS240	<input type="checkbox"/> 1000HPS240	<input type="checkbox"/> 1000MH240
	<input type="checkbox"/> 750HPS277	<input type="checkbox"/> 1000HPS277	<input type="checkbox"/> 1000MH277
	<input type="checkbox"/> 750HPS347	<input type="checkbox"/> 1000HPS347	<input type="checkbox"/> 1000MH347
	<input type="checkbox"/> 750HPS480	<input type="checkbox"/> 1000HPS480	<input type="checkbox"/> 1000MH480
Lamp	BT-37 Clear	E-25 Clear or ED-37 ¹ Clear	BT-37 Clear
Socket	Mogul Base	Mogul Base	Mogul Base
ANSI Ballast Type	S-111	S-52	M-47
	Pulse Start Metal Halide		
	<input type="checkbox"/> 750PMH120	<input type="checkbox"/> 1000PMH120	
	<input type="checkbox"/> 750PMH208	<input type="checkbox"/> 1000PMH208	
	<input type="checkbox"/> 750PMH240	<input type="checkbox"/> 1000PMH240	
	<input type="checkbox"/> 750PMH277	<input type="checkbox"/> 1000PMH277	
	<input type="checkbox"/> 750PMH347	<input type="checkbox"/> 1000PMH347	
	<input type="checkbox"/> 750PMH480	<input type="checkbox"/> 1000PMH480	
Lamp	BT-37 Clear	BT-37 Clear	
Socket	Mogul Base	Mogul Base	
ANSI Ballast Type	M-149	M-141	

¹HPS Flat Lens models must use ED-37 lamps.

Finish

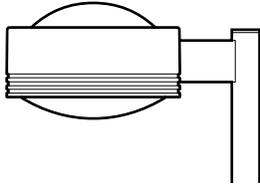
Super TGIC powder coat paint over a titanated zirconium conversion coating.

Color: Black Dark Bronze Light Gray Platinum Silver White Custom Colors²
 Cat. No.: **BL** **DB** **LG** **PS** **WH** **CC**

²Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

Type:

Job:



Optional Features

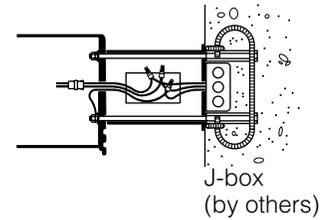
Wall Mounting

Cat. No. **1W**

Select from Mounting on page 2.

Wall Mounting: (For poured concrete walls only).

Modified support arm with side access hole for field splicing. Zinc electro-plated steel embedment bracket for casting around a junction box, cover plate for junction box finished to match fixture. 8"L x 6"H x 2"W.

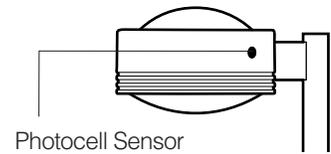


Photocell

Cat. No. (See chart on right)
 No Option

Factory installed photocell inside housing with a fully gasketed sensor on the side wall. 750 watt fixtures and above will have individual photocells.

Cat. No.	Line Volts:	Cat. No.	Line Volts:
<input type="checkbox"/> A-30	120V	<input type="checkbox"/> A-33	277V
<input type="checkbox"/> A-31	208V	<input type="checkbox"/> A-35	347V
<input type="checkbox"/> A-32	240V	<input type="checkbox"/> A-34	480V



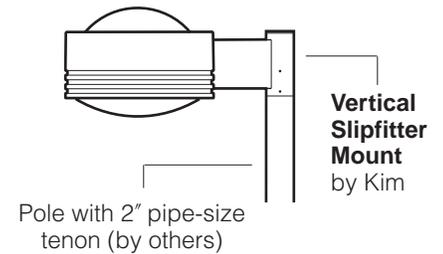
Vertical Slipfitter Mount

Cat. No. includes Mounting.

Cat. No. (See chart on right)
 No Option

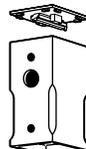
Allows standard fixture and arm to be mounted to steel poles having a 2" pipe-size steel tenon (2 3/8" O.D. x 4 1/2" min. length), 4" round cast aluminum with flush cap, secured by four 3/8" stainless steel set point allen screws. Pole tenon must be field drilled at one set screw location to insure against fixture rotation. Finished to match fixture.

NOTE: 3Y only available on round slipfitter.



Cat. No.	
<input type="checkbox"/> VSF-1A	
<input type="checkbox"/> VSF-2B	
<input type="checkbox"/> VSF-2L	
<input type="checkbox"/> VSF-3T	
<input type="checkbox"/> VSF-3Y	
<input type="checkbox"/> VSF-4C	4" Round

Stainless steel set screws

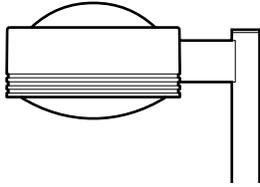


4" Square

Cat. No.	Mounting Configuration
<input type="checkbox"/> SVSF-1A	1A - Single arm mount
<input type="checkbox"/> SVSF-2B	2B - 2 at 180°
<input type="checkbox"/> SVSF-2L	2L - 2 at 90°
<input type="checkbox"/> SVSF-3T	3T - 3 at 90°
<input type="checkbox"/> SVSF-3Y	3Y - 3 at 120°
<input type="checkbox"/> SVSF-4C	4C - 4 at 90°

Type:

Job:

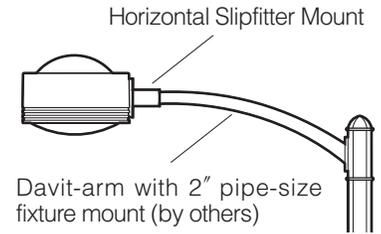


Optional Features

Horizontal Slipfitter Mount

Cat. No. HSF
 No Option

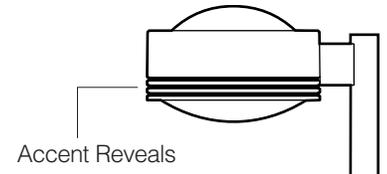
Replaces standard mounting arm with a slipfitter which allows VL Arm Mount model to be mounted to a horizontal pole davit-arm with 2" pipe-size mounting end (2³/₈" O.D.). Cast aluminum clamp-type slipfitter with set screw anti-rotation lock. Bolts to housing from inside the electrical compartment using mounting holes for the standard support arm. Davit-arm must be field drilled at a set screw location to insure against fixture rotation. Finished to match fixture and arm.



Accent Reveals

Cat. No. (See right)
 No Option

Three aluminum bands riveted inside the housing reveals. Available in five standard Kim powder coat finishes. Custom colors available. Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; A.S.T.M.2500 hour salt spray test endurance rating.

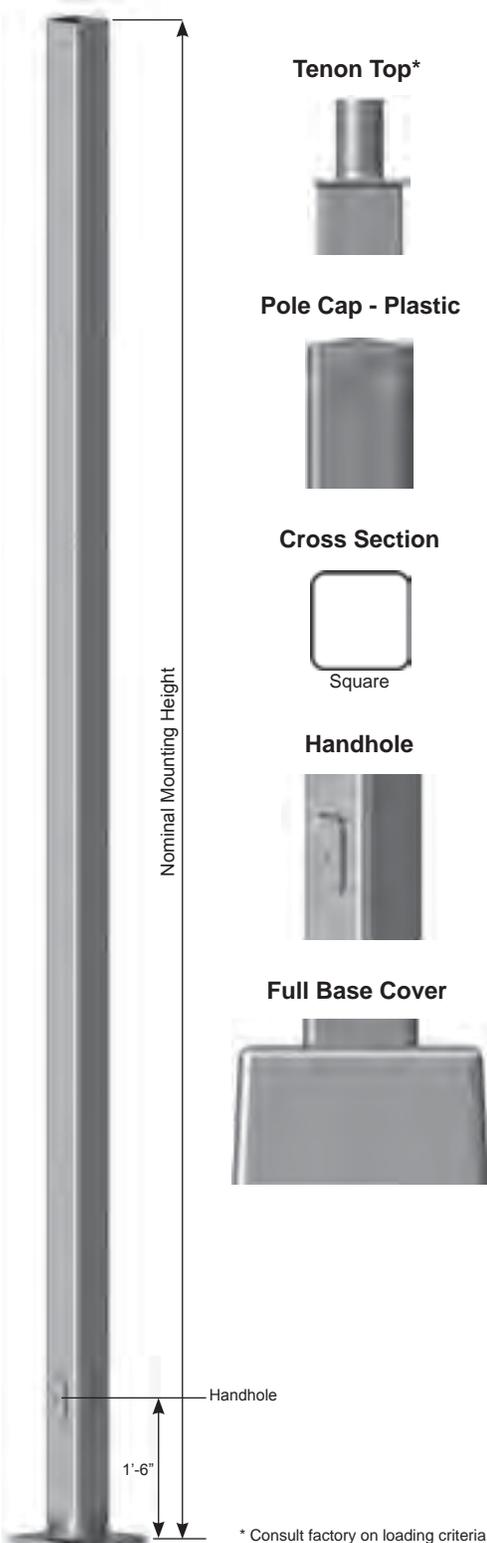


Color: Black Dark Bronze Light Gray Platinum Silver White Custom Colors¹
 Cat. No.: BL-REV DB-REV LG-REV PS-REV WH-REV CC-REV

¹Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Pole - The pole shaft is fabricated from hot rolled commercial quality carbon steel of one-piece construction with a minimum yield strength of 55,000 psi.

Pole Top - A removable pole cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. For top mount luminaire and/or bracket consult the factory.

Handhole - A covered handhole and grounding provision with hardware is provided.

Full Base Cover - The two-piece standard full base cover is fabricated from ABS plastic.

Anchor Base - The anchor base (base plate) conforms to ASTM A36.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Hardware - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - Standard finishes are galvanized, prime painted or any of Valmont's V-PRO™ Protection Systems. Additional finish options available upon request.

Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.

* Consult factory on loading criteria for pole top mounted luminaires and/or brackets.

SOFT SQUARE STEEL DS330

Fatigue Resistant



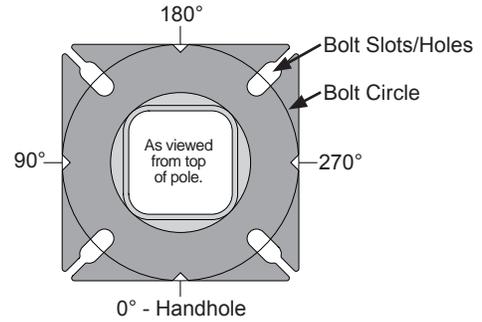
STRUCTURES

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: _____ Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

POLE		BASE PLATE				ANCHOR BOLTS			
POLE BASE SQUARE (IN)	WALL THK (GA)	BOLT CIRCLE		SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)	
		DIA (IN)	± (IN)						
4.00	11	8.50	0.50	8.25	0.750	0.75 x 17.00 x 3.00	3.50	0.25	
4.00	7	8.50	0.50	8.25	0.875	0.75 x 17.00 x 3.00	3.63	0.25	
5.00	11	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25	
5.00	7	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25	
6.00	7	12.00	1.00	12.50	1.000	1.00 x 36.00 x 4.00	4.25	0.25	

Anchor Base Detail



LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POLE DIMENSIONS				
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		BASE SQUARE OD (IN)	TOP SQUARE OD (IN)	WALL THK (IN)	STRUCTURE WEIGHT ² (LBS)	MODEL NUMBER
	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)					
10'-0"	30.6	765	23.8	595	18.9	473	4.00	4.00	11	75	S400Q100
12'-0"	24.4	610	18.8	470	14.8	370	4.00	4.00	11	90	S400Q120
14'-0"	19.9	498	15.1	378	11.7	293	4.00	4.00	11	100	S400Q140
16'-0"	15.9	398	11.8	295	8.9	223	4.00	4.00	11	115	S400Q160
18'-0"	12.6	315	9.2	230	6.7	168	4.00	4.00	11	125	S400Q180
20'-0"	9.6	240	6.7	167	4.5	150	4.00	4.00	11	140	S400Q200
	17.7	443	12.7	343	9.4	235	5.00	5.00	11	185	S500Q200
	28.1	703	21.4	535	16.2	405	5.00	5.00	7	265	S500W200
25'-0"	4.8	150	2.6	100	1.0	50	4.00	4.00	11	170	S400Q250
	10.8	270	7.7	188	5.4	135	4.00	4.00	7	245	S400W250
	9.8	245	6.3	157	3.7	150	5.00	5.00	11	225	S500Q250
	18.5	463	13.3	333	9.5	238	5.00	5.00	7	360	S500W250
30'-0"	6.7	168	4.4	110	2.6	65	4.00	4.00	7	291	S400W300
	4.7	150	2.0	50	N/A	N/A	5.00	5.00	11	265	S500Q300
	10.7	267	6.7	167	3.9	100	5.00	5.00	7	380	S500W300
	19.0	475	13.2	330	9.0	225	6.00	6.00	7	520	S600W300
35'-0"	5.9	150	2.5	100	N/A	N/A	5.00	5.00	7	440	S500W350
	12.4	310	7.6	190	4.2	105	6.00	6.00	7	540	S600W350
40'-0"	7.2	180	3.0	75	N/A	N/A	6.00	6.00	7	605	S600W400

1. Maximum EPA (Effective Projected Area) and weight values are based on side mounted fixtures only. Consult factory on loading criteria for pole top mounted luminaires and/or brackets. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
2. Structure weight is a nominal value which includes the pole shaft and base plate only.

PRODUCT ORDERING CODES

DESIGN SERIES	MODEL NUMBER	FIXTURE MOUNTING	FINISH	COLOR	V.PRO™ PROTECTION SYSTEM	OPTIONS
DS330	S400Q100 S400Q120 S400Q140 S400Q160 S400Q180 S400Q200 S500Q200 S500W200 S400Q250 S400W250 S500Q250 S500W250 S400W300 S500Q300 S500W300 S600W300 S500W350 S600W350 S600W400	Drill Mounting D1 = 1 Luminaire D2 = 2 @ 180° D4 = 4 @ 90° D5 = 2 @ 90° D6 = 3 @ 90°	GV = Galvanize PP = Prime Paint FP = Finish Paint GF = Galvanized + Finish Paint	-- = Galvanize -- = Prime Paint WH = White ST = Sandstone BK = Black SM = Silver Metallic SL = Silver LG = Light Gray SG = Slate Gray DT = Dark Tan MB = Medium Bronze CB = Bronze DB = Dark Bronze BN = Brown HG = Hunter Green DG = Dark Green RD = Red SC = Special Color (Contact Factory)	-- = Galvanize -- = Prime Paint V1 = V-PRO 1 Basic 1 Coat Powder. V2 = V-PRO 2 2 Coat Powder or Liquid. Includes epoxy primer & top coat. V3 = V-PRO 3 2 Coat Powder or Liquid. Includes zinc primer & top coat. V4 = V-PRO 4 2 Coat Powder or Liquid. Includes zinc primer & premium top coat.	See Accessories at valmontstructures.com (Please Specify)