

ABBREVIATIONS

SYMBOLS

<	ANGLE
ABC	AGGREGATE BASE COURSE
AC	ACRE(S)
ACI	AMERICAN CONCRETE INSTITUTE
AGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	BALL VALVE
BFP	BACKFLOW PREVENTER
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCKING
BM	BENCHMARK
BOT	BOTTOM
BSMT	BASEMENT
BV	BUTTERFLY VALVE
B-B	BACK-TO-BACK OF CURB DIMENSION
CL of C	CENTERLINE
C to C	CENTER TO CENTER
C & G	CURB AND GUTTER
CF	CUBIC FEET
CHD	CHORD LENGTH
CI	CAST IRON PIPE
CHK	CHECK VALVE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CTY	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
C-B	CENTERLINE TO BACK OF CURB DIMENSION
COORD	COORDINATE
CU	COPPER PIPING
CTRS	CENTERS
CY	CUBIC YARDS
D	DEGREE OF CURVE
DEP	DEPRESSED
DET	DETAIL
DIAG	DIAGONAL
DIM	DIMENSION
DI	DUCTILE IRON PIPE
DN	DOWN
DNSTR	DOWNSTREAM
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXP	EXPANSION
EX, EXIST	EXISTING
EXT	EXTENSION
E =	EXTERNAL DISTANCE
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIELD ENTRANCE
FFL	FINISH FLOOR LEVEL
FIL	FILLET
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FM	FORCE MAIN
FND	FOUND
FRMG	FRAMING
FTG	FOOTING
F-F	FACE TO FACE
GA	GAUGE
GI	GALVANIZED IRON PIPE
GRD	GRADE
GRS	GRATING SUPPORT
GRT	GROUT
GV	GATE VALVE
GYP	GYPNUM
HSE	HOUSE
HC	HORIZONTAL CURVE
HNGR	HANGER
HORIZ	HORIZONTAL
HP	HIGH POINT
HW	HOT WATER
HWH	HOT WATER HEATER
Δ =	CENTRAL ANGLE
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
INT	INTERIOR
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
IP	IRON PIPE
JST	JOIST
L	LENGTH OF CURVE
LAT	LATERAL
LAV	LAVATORY
LF	LINEAL FEET
LP	LOW POINT
LT	LEFT OF SURVEY BASE LINE

MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MTL	METAL
N	NORTH
No. OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OO	OUTSIDE TO OUTSIDE
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVATURE
PCF	POUNDS PER CUBIC FOOT
PDP	PERFORATED DRAIN PIPE
PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLP	POLYPROPYLENE PIPE
PLYWD	PLYWOOD
PM	PRINCIPAL MERIDIAN
PNL	PANEL
PR	PRESSURE REGULATORS
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PR, PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
R	RADIUS
RCCP	REINFORCED CONCRETE CYLINDER PIPE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
RFTR	RAFTER
RND	ROUND
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
SB	STREAM BED
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SPT	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SERVICE
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD	TILE DRAIN
THK	THICK
TR	TREAD
TY	TYPE
TYP	TYPICAL
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOL	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WC	WATER CLOSET
WF	WIDE FLANGE
WM	WATER MAIN
WMQ	WATER MAIN QUALITY
WGT	WEIGHT
WP	WEATHER PROOF
WS	WATER SERVICE
WWF	WELDED WIRE FABRIC
W/O	WITH
XP	EXPLOSION PROOF

(TRAFFIC SIGNAL RELATED)

EXISTING	PROPOSED	
		CONTROLLER
		MAST ARM ASSEMBLY AND POLE
		SIGNAL HEAD AND POST
		SIGNAL HEAD
		PEDESTRIAN HEAD
		PEDESTRIAN PUSH-BUTTON
		HAND HOLE
		DOUBLE HAND HOLE
		HAND HOLE OR JUNCTION BOX
		HEAVY-DUTY HAND HOLE
		EXISTING CONDUIT (LENGTH AND SIZE) PROP GALVANIZED STEEL OR PVC CONDUIT UPPER MATERIAL INDICATES LENGTH "T" INDICATES CONDUIT IN TRENCH "P" INDICATES CONDUIT PUSHED LOWER NUMERAL INDICATES SIZE AND TYPE
		LUMINAIRE
		ARROW - THROUGH, TURN LEFT
		ARROW - THROUGH
		ARROW - TURN LEFT
		ARROW - TURN RIGHT
		ONE DIRECTION TURN ONLY
		HANDICAPPED PARKING STALL
		TRAFFIC DETECTOR LOOP
		TRAFFIC CONTROL BOX

HATCH PATTERNS

	EARTH - FILL		BRICK
	EARTH - UNDISTURBED		STEEL
	ROCK (GEOLOGICAL)		INSULATION (LOOSE/ BATT)
	STONE OR RIP RAP		INSULATION (RIGID)
	GRAVEL		WOOD (ROUGH)
	CONCRETE		WOOD (BLOCKING)
	CONCRETE BLOCK		WOOD (FINISH)
	CMU		

EXISTING	PROPOSED	
		LIGHT (MAST MOUNTED)
		LIGHT POLE (SINGLE FIXTURE)
		YARD LIGHT
		UTILITY POLE
		UTILITY POLE WITH GUY WIRE AND ANCHOR
		SIGN (MULTIPLE POST, SINGLE POST)
		GUARD RAIL
		RAILROAD TRACKS
		BUILDING
		MAILBOX
		TELEPHONE RISER PEDESTAL
		SPOT ELEVATION (AT .)
		CONTOUR LINE
		SOIL BORING LOCATION AND NUMBER
		COORDINATE POINT ON GRID SYSTEM
		FOUND OR SET PROPERTY PIN
		RIGHT-OF-WAY MARKER
		BENCHMARK
		RIGHT-OF-WAY LINE
		PROPERTY LINE
		CENTERLINE
		SETBACK LINE
		EASEMENT LINE
		SECTION LINE
		SECTION CORNER
		ALARM WATER LEVEL
		HIGH WATER LEVEL
		MEAN WATER LEVEL
	LOW WATER LEVEL	
		WATER LEVEL
		GATE VALVE
		CHECK VALVE
		METER
		STRAINER
		WYE FITTING
		CONSTRUCTION LIMIT LINE
		PRIMARY EVACUATION ROUTE
		SECONDARY EVACUATION ROUTE
		OUTLINE OF DETAILED AREA
		SECTION NUMBER SHEET WHERE SHOWN
		KEY NOTE
		REVISION NUMBER

EXISTING	PROPOSED	
		UNDERGROUND TV CABLE
		OVERHEAD UTILITY
		UNDERGROUND ELECTRIC
		UNDERGROUND TELEPHONE
		GAS MAIN
		SANITARY SEWER
		SANITARY SEWER SERVICE
		SANITARY SEWER FORCE MAIN
		STORM SEWER
		WATER MAIN
		WATER SERVICE
		WATER VALVE WITH BOX
		GAS VALVE
		WATER VALVE VAULT
		CURB STOP W/CURB BOX
		REDUCER
		FIRE HYDRANT
		YARD HYDRANT
		YARD CLEANOUT
		SANITARY MANHOLE
		STORM MANHOLE
		CATCH BASIN
		STORM SEWER INLET
		STORM SEWER INLET - BEHIND CURB
		ELECTRICAL MANHOLE
		MONITORING WELL
		CULVERT AND SIZE
		RCCP END SECTION
		METAL END SECTION
		FLOW DIRECTION
		DITCH LINE (PAVED)
		DITCH LINE (UNPAVED)
		FENCE LINE
		SILT FENCE LINE
		CURB AND GUTTER
		TIP OUT CURB AND GUTTER
		SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT
		DECIDUOUS TREE W/ SIZE
		CONIFEROUS TREE W/ SIZE
		HEDGEROW
		BUSH OR SHRUB
		TREE LINE

(ELECTRICAL RELATED)

	FNR FULL VOLTAGE NONREVERSING STARTER
	UH-1 UNIT HEATER NO. 1
	M MOTOR ACTUATOR
	T THERMOSTAT
	P PHOTOCELL
	FAN TYPE F2, ITEM A
	RELAY #1
	PILOT LIGHT, RED
	MOTOR STARTER
	TERMINAL TO REMOTE DEVICE
	PRESSURE ELECTRIC SWITCH #1
	FIXTURE TYPE B, CIR. #4, SWITCH a
	SWITCH a
	3 WAY SWITCH b
	600 A. FUSED SWITCH, 400A FUSE
	FUSED SWITCH & MAGNETIC STARTER T = CONTROL POWER TRANSFORMER
	FUSED SWITCH & MAGNETIC STARTER & O/L T = CONTROL POWER TRANSFORMER A = AUXILIARY CONTACT
	MOTOR; MOTOR EQUIPMENT SCHEDULE, ITEM #6
	TELEPHONE JUNCTION BOX

	CURRENT TRANSFORMER, UTILITY METER BASE
	SELECTOR SWITCH, H-O-A, RED PILOT LIGHT
	PUSH TO START, PUSH TO STOP, RED RUN PILOT LIGHT
	ELAPSED TIME METER XXXX.X HOURS
	TRANSFORMER T1
	LIGHTING PANEL #1
	60 A DISCONNECT
	EQUIPMENT GROUND TO EARTH PER N.E.C.
	TO PANEL 4 CIRCUIT #2

	UNDERGROUND ELECTRIC
	DUPLEX RECEPTACLE WIRE TO PANEL # 3, BREAKER # 5
	AUTOMATIC TRANSFER SWITCH
	SPECIAL RECEPTACLE
	CIRCUIT BREAKER
	EXISTING CONSTRUCTION
	NEW CONSTRUCTION

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OWNER/DEVELOPER:
VILLAGE OF LENA
122 EAST MAIN STREET
P.O. BOX 607
LENA, ILLINOIS 61048

PROJECT AND LOCATION:
SAFE ROUTES
TO SCHOOL PROGRAM

DRAWN BY: B.C.
APPROVED BY: P.E.
DATE: 09/15/10
SCALE:

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:
STANDARD LEGEND

JOB NUMBER:
10-138
SHEET NUMBER:
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