



Dublin Building Systems
 Design Build Contractors and Engineers
 6233 Avery Road
 Box 370
 Dublin, Ohio 43017
 (614)889-1445

PRELIMINARY DEVELOPMENT PLAN
 PROPOSED FACILITY FOR:
LOGITECH
 SEEDS ROAD GROVE CITY, OHIO

REVISIONS

NO.	DATE	DESCRIPTION

DATE 03/23/2015

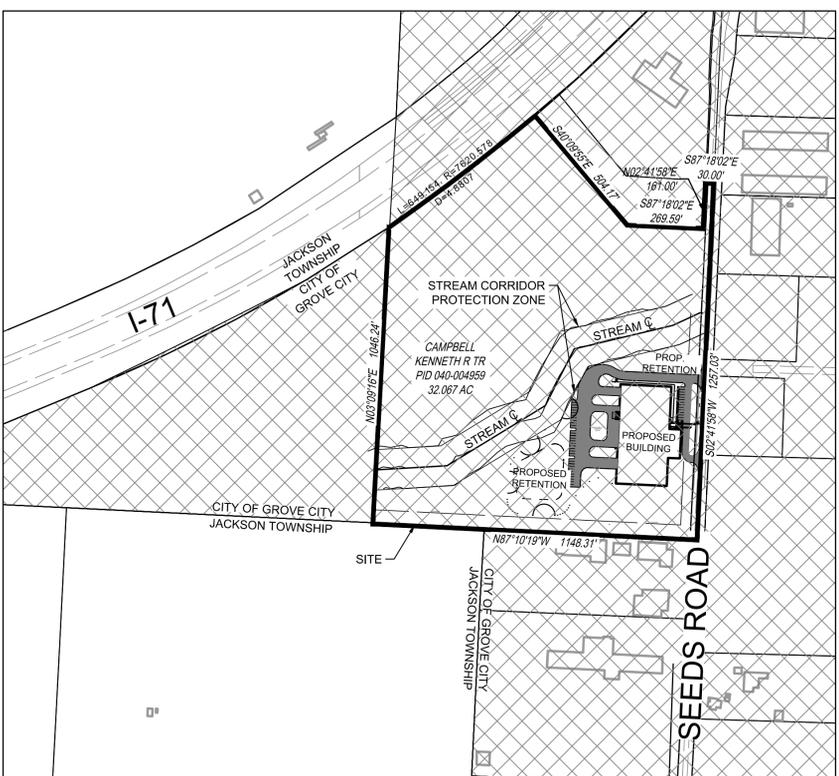
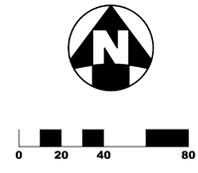
SITE PLAN

C1.0

JOB NO. 150018.00

PROPOSED SYMBOLS

	PROPOSED STORM PIPE
	PROPOSED SANITARY PIPE
	PROPOSED WATER PIPE
	PROPOSED CATCH BASIN
	PROPOSED YARD DRAIN
	PROPOSED HEADWALL
	PROPOSED CONCRETE
	PROPOSED ASPHALT PAVEMENT
	FLOOD ZONE A



LOCATION MAP
 SCALE: 1"=300'

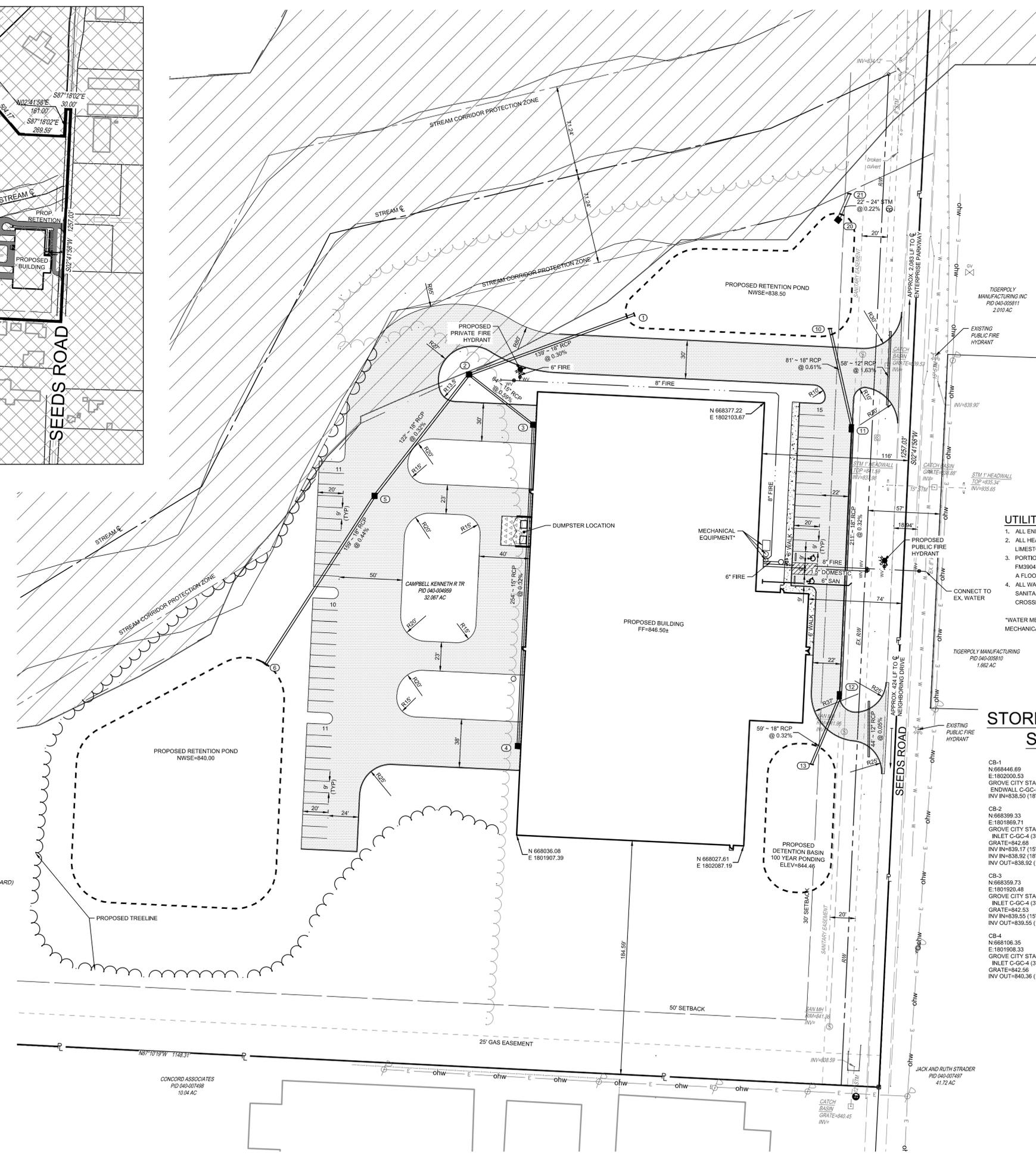
SITE DATA TABLE

TOTAL ACREAGE OF SITE:	32.067 AC
EXISTING IMPERVIOUS:	0.00 AC
PROPOSED IMPERVIOUS:	3.00 AC
EXISTING USE:	UNDEVELOPED
PROPOSED USE:	INDUSTRIAL
DISTANCE TO NEAREST CROSS STREET: (TO THE INTERSECTION OF SEEDS ROAD AND ENTERPRISE PARKWAY)	2,083 LF
TOTAL NUMBER OF PARKING SPACES: (TOTAL EMPLOYEES - 40 EMPLOYEES)	47 SPACES (45 STANDARD, 2 HANDICAP)
BUILDING SQUARE FOOTAGE:	67,284 SF

ZONING
 EXISTING ZONING: IND-1
 PROPOSED ZONING: IND-1

EXISTING SYMBOLS

	EX. GUY WIRE		EX. FIRE HYDRANT
	EX. UNDERGROUND ELECTRIC		EX. WATER VALVE
	EX. OVERHEAD ELECTRIC		EX. MANHOLE
	EX. UTILITY POLE		EX. SANITARY SEWER
	EX. UNDERGROUND TELEPHONE		EX. STORM SEWER
	EX. OVERHEAD TELEPHONE		EX. CATCH BASIN
	EX. TELEPHONE MANHOLE		EX. INLET
	EX. TELEPHONE PEDESTAL		EX. YARD DRAIN
	EX. GAS MAIN		EX. DOWN SPOUT
	EX. GAS VALVE		EX. SIGN
	EX. UNDERGROUND CABLE TV		EX. GUARD POST (PIPE BOLLARD)
	EX. WATER MAIN		EX. FENCE
			EX. TREE
			EX. TREELINE



- UTILITY NOTES**
- ALL ENDWALLS SHALL BE PER CITY OF GROVE CITY STANDARD DRAWING C-GC-23
 - ALL HEADWALLS SHALL HAVE STONE FACING CONSISTING OF NORTH SHORE BUFF LIMESTONE PER CITY OF GROVE CITY REQUIREMENTS.
 - PORTIONS OF THE SITE ARE WITHIN FLOOD ZONE A ACCORDING TO FEMA MAP FM39049C403K AND FM39049C404K. WORK WITHIN THE FLOODPLAIN LIMITS SHALL REQUIRE A FLOODPLAIN DEVELOPMENT PERMIT.
 - ALL WATERMAIN CROSSINGS SHALL MAINTAIN A VERTICAL SEPARATION OF 18" MINIMUM. SANITARY SEWER SHALL BE LOCATED A MINIMUM OF 1' BELOW WATERMAIN AT ALL CROSSING.
- *WATER METER AND BACKFLOW PREVENTER TO BE LOCATED INSIDE THE BUILDING IN MECHANICAL ROOM

STORM STRUCTURE SCHEDULE

CB-1 N 668446.69 E 1802000.53 GROVE CITY STANDARD ENDWALL C-GC-23 INLET C-GC-4 (3'X3') GRATE=843.09 INV IN=838.50 (18') W INV OUT=839.31 (18') NE	CB-2 N 668399.33 E 1801869.71 GROVE CITY STANDARD INLET C-GC-4 (3'X3') GRATE=842.68 INV IN=839.17 (15') SE INV IN=838.92 (18') SW INV OUT=838.52 (18') E	CB-3 N 668359.73 E 1801920.48 GROVE CITY STANDARD INLET C-GC-4 (3'X3') GRATE=842.53 INV IN=839.55 (15') S INV OUT=839.55 (15') NW	CB-4 N 668106.35 E 1801908.33 GROVE CITY STANDARD INLET C-GC-4 (3'X3') GRATE=842.56 INV IN=840.36 (15') N	CB-5 N 668303.60 E 1801794.86 GROVE CITY STANDARD INLET C-GC-4 (3'X3') GRATE=845.64 INV IN=839.91 (18') SW INV OUT=839.91 (18') N N 668091.98 E 1802140.93 GROVE CITY STANDARD HEADWALL C-GC-24 INV OUT=840.10 (18') NE	CB-6 N 668170.69 E 1801708.46 GROVE CITY STANDARD HEADWALL C-GC-24 INV OUT=840.00 (18') NE	CB-7 N 668435.59 E 1802155.48 GROVE CITY STANDARD ENDWALL C-GC-23 INV IN=838.50 (18') S	CB-8 N 668356.92 E 1802173.29 GROVE CITY STANDARD CURB INLET C-GC-06 GRATE=843.48 INV IN=839.24 (18') S INV OUT=838.99 (18') N	CB-9 N 668146.30 E 1802163.82 GROVE CITY STANDARD CURB INLET C-GC-06 GRATE=845.64 INV IN=839.91 (18') SW INV OUT=839.91 (18') N N 668091.98 E 1802140.93 GROVE CITY STANDARD HEADWALL C-GC-24 INV OUT=840.10 (18') NE	CB-10 N 668521.29 E 1802161.97 GROVE CITY STANDARD INLET C-GC-4 (3'X3') GRATE=840.50 INV IN=838.50 (24') NE	CB-11 N 668356.92 E 1802173.29 GROVE CITY STANDARD CURB INLET C-GC-06 GRATE=843.48 INV IN=839.24 (18') S INV OUT=838.99 (18') N	CB-12 N 668146.30 E 1802163.82 GROVE CITY STANDARD CURB INLET C-GC-06 GRATE=845.64 INV IN=839.91 (18') SW INV OUT=839.91 (18') N N 668091.98 E 1802140.93 GROVE CITY STANDARD HEADWALL C-GC-24 INV OUT=840.10 (18') NE
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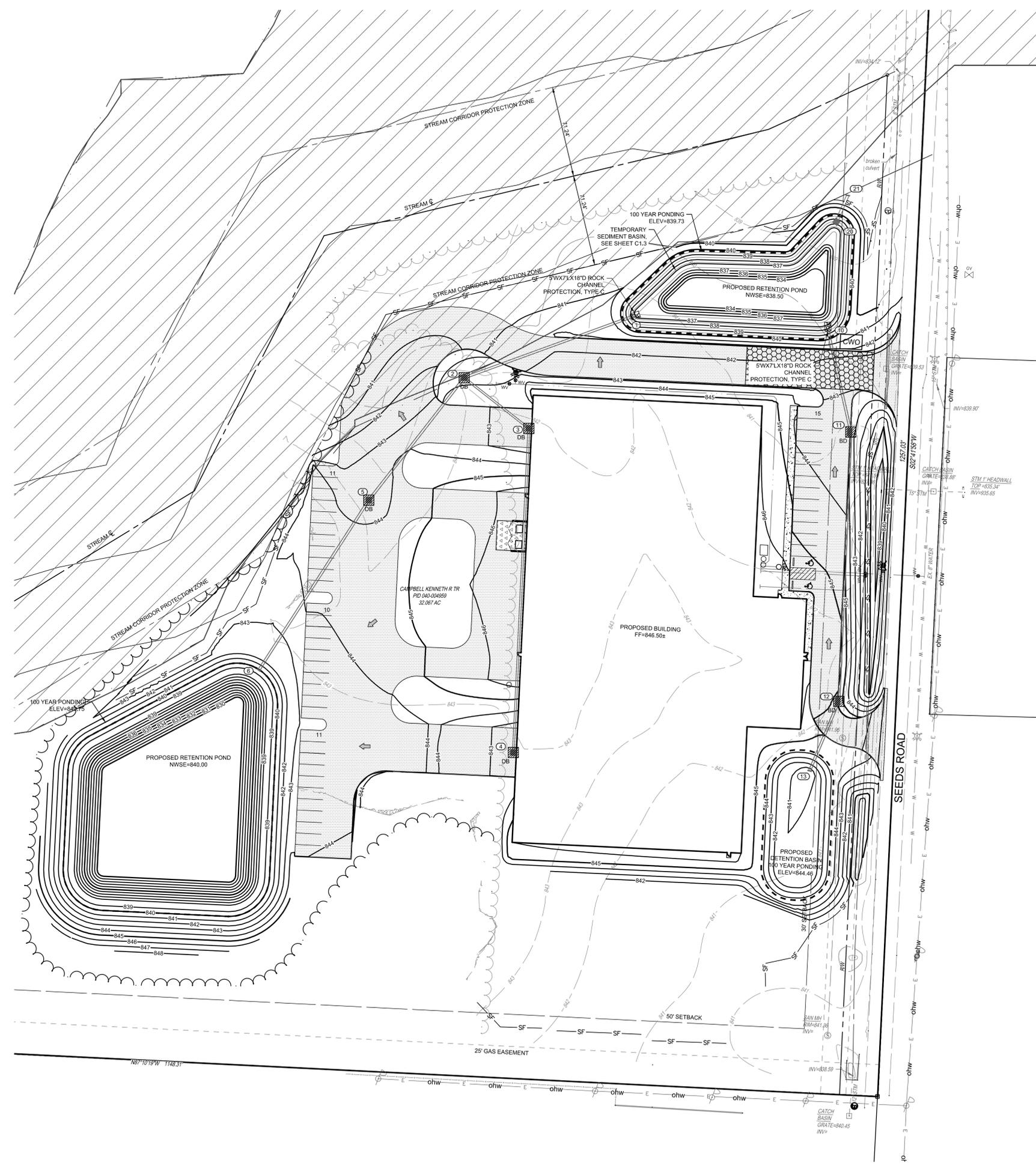
DEVELOPMENT PLAN
 CITY PROJECT NO. _____

LOGITECH INC.
 6150 ENTERPRISE PARKWAY
 GROVE CITY, OH 43123

City Administrator _____
 Service Director _____
 Review for the City of Grove City _____
 Jackson Township Fire Department _____



Dublin Building Systems
 Design Build Contractors and Engineers
 6233 Avery Road
 Box 370
 Dublin, Ohio 43017
 (614)889-1445



PROPOSED SYMBOLS

- STM PROPOSED STORM PIPE
- SAN PROPOSED SANITARY PIPE
- PROPOSED WATER PIPE
- PROPOSED CATCH BASIN
- PROPOSED YARD DRAIN
- PROPOSED HEADWALL
- PROPOSED CONCRETE
- PROPOSED ASPHALT PAVEMENT

GRADING LEGEND

- EX CONTOUR
- EX CONTOUR
- PROPOSED CONTOUR
- PROPOSED CONTOUR
- FLOOD ZONE A

EROSION CONTROL LEGEND

- DANDY BAG
- DANDY CURB PROTECTION
- SILT FENCE
- 100 YEAR FLOOD ROUTE
- CONSTRUCTION ENTRANCE
- CONCRETE WASHOUT



THE KLEINGERS GROUP
 CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE
 www.kleingers.com
 350 Worthington Rd., Ste B
 Westerville, OH 43082
 614.882.4311

PRELIMINARY DEVELOPMENT PLAN

PROPOSED FACILITY FOR:
LOGITECH
 SEEDS ROAD GROVE CITY, OHIO

REVISIONS

NO.	DATE	DESCRIPTION

DATE 03/23/2015

GRADING AND EROSION CONTROL PLAN

C1.1
 JOB NO. 150018.00

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OHIO EPA
NPDES STORMWATER CONSTRUCTION PERMIT
GENERAL PERMIT #OHC000004

PERMITTEE: DUBLIN BUILDING SYSTEMS
6233 AVERY ROAD
DUBLIN, OHIO 43016
(614) 889-1445

OWNER: DUBLIN BUILDING SYSTEMS
6233 AVERY ROAD
DUBLIN, OHIO 43016
(614) 889-1445

NPDES PERMIT: _____ DATE OF ISSUE: _____

CENTER OF PROJECT: _____ LATITUDE: N 39°49'58.58"
LONGITUDE: W 83°05'35.07"

PROJECT DESCRIPTION
NEW INDUSTRIAL FACILITY IN GROVE CITY, OHIO WITH PAVED PARKING LOT AND UTILITIES.

PROJECT DATA
TOTAL SITE AREA: 32.069 ACRES
TOTAL DISTURBED AREA: 6.540 ACRES
PROPOSED IMPERVIOUS AREA: 3.00 ACRES
PERCENTAGE OF CREATED IMPERVIOUS AREA: 100%
RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION: C=0.40
RUNOFF COEFFICIENT FOR POST-CONSTRUCTION: C=0.81
PRIOR LAND USE: UNDEVELOPED
RECEIVING WATER: UNNAMED TRIBUTARY TO GRANT RIVER
ESTIMATED CONSTRUCTION DATES: MAY 2015 - JUNE 2016
SOIL TYPES, DESCRIPTIONS:
C/A - CROSBY SILT LOAM 2%-6% SLOPE
K_o - KOKOMO SILTY CLAY LOAM, 0%-2% SLOPE
L_{6B} - LEWISBURG-CROSBY COMPLEX, 2%-6% SLOPE

PROJECT SCHEDULE AND SEQUENCE
1. INSTALL PERIMETER EROSION CONTROL ITEMS INCLUDING TEMPORARY SEDIMENTATION BASIN, INLET PROTECTION, AND STABILIZED CONSTRUCTION ENTRANCE WITH PROPOSED CONCRETE CULVERT PIPE.
2. STRIP TOPSOIL AND UNSUITABLE MATERIAL ACROSS SITE. STOCKPILE TOPSOIL ONSITE AND MAINTAIN WITH TEMPORARY SEEDING.
3. BEGIN ROUGH GRADING AND BUILDING PAD CONSTRUCTION. USE TEMPORARY DIVERSION CHANNELS TO ROUTE RUNOFF TO SEDIMENT BASINS PRIOR TO STORM SEWER INSTALLATION.
4. CONSTRUCT SANITARY SEWER, LIMIT DISTURBANCE TO AREA REQUIRED FOR CONSTRUCTION.
5. CONSTRUCT WATER SERVICE.
6. CONSTRUCT STORM SEWER, INSTALL INLET PROTECTION AS SEWERS ARE CONSTRUCTED.
7. FINALIZE GRADING SITE.
8. FINISH REMAINING SITE WORK, STABILIZE SITE WITH ASPHALT PAVING AND CONCRETE SIDEWALK.
9. ONCE SITE IS STABILIZED, REMOVE REMAINING EROSION AND SEDIMENT CONTROLS.

GENERAL NOTES
THE CONTRACTOR IS HEREBY ADVISED THAT STRICTER POLLUTION CONTROL STANDARDS AND ENFORCEMENT HAVE BEEN IMPOSED BY THE OHIO EPA SINCE MARCH 10, 2003 AND WITH A REVISION IN APRIL 2006. ALSO, MANY PRIVATE CITIZEN ENVIRONMENTAL GROUPS, WHO HAVE BEEN KNOWN TO FILE CIVIL LEGAL ACTIONS, ARE PRESENT IN THE AREA AND OBSERVE ALL CONSTRUCTION OPERATIONS.
THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS OF THE REQUIREMENTS AND RESPONSIBILITIES OF THE SWPPP AND SHALL DOCUMENT ALL SUCH NOTIFICATIONS AND/OR DISCUSSIONS. ALL SUBCONTRACTORS SHALL SIGN THE NOI.
THE CONTRACTOR WILL BE REQUIRED TO PARTICIPATE IN SEDIMENT AND EROSION CONTROL INSPECTIONS ON A WEEKLY BASIS AND SIGN AN APPROVED INSPECTION SHEET THAT SHALL BE KEPT ON FILE AT THE JOB SITE.
UNLESS OTHERWISE NOTED, STANDARDS AND SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE ODNR "RAINWATER AND LAND DEVELOPMENT" HANDBOOK SHALL GOVERN THE EROSION AND SEDIMENT CONTROL INSTALLATIONS SPECIFIED ON THIS PLAN.

THIS PROJECT WILL INVOLVE SEVERAL CONSTRUCTION PHASES AND SEQUENCING THROUGHOUT ITS LIFETIME. IT IS VERY IMPORTANT THAT ALL TEMPORARY SEDIMENT AND EROSION CONTROL (S&EC) FIELD METHODS ALONG WITH THIS PLAN, ARE UPDATED TO REFLECT THE ACTUAL FIELD CONDITIONS, CURRENT WEATHER CONDITIONS AND SITE GRADE CHANGES. THE CONTRACTOR, OWNER, ENGINEER OR THE OHIO EPA CAN AND WILL MODIFY THIS PLAN AS NECESSARY.

THE CONTRACTOR WILL VOLUNTARILY SELF REPORT ANY POTENTIAL VIOLATIONS OF THE OEPA NPDES PERMIT TO THE OWNER, ENGINEER AND THE OEPA.

THE CONTRACTOR SHALL REMOVE EXISTING GROUND COVER ONLY AS NECESSARY FOR THE PROJECT PHASE CURRENTLY UNDER CONSTRUCTION.

CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE PROPERLY DISPOSED OF ACCORDING TO OHIO EPA REQUIREMENTS.

THE CONTRACTOR WILL BE REQUIRED TO BUILD SEDIMENT BASINS OR SEDIMENT TRAPS OR USE EQUAL METHODS TO DETAIN AND CLEAN WATER TO ACCEPTABLE EPA STANDARDS BEFORE RELEASING THE WATER BACK INTO THE STREAM.
ALL DEWATERING ACTIVITIES SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PRACTICES OUTLINED IN PART III.G.2.G.IV OF THE OEPA GENERAL PERMIT.
THERE SHALL BE NO TURBID DISCHARGES TO SURFACE WATERS, RESULTING FROM DEWATERING ACTIVITIES. SEDIMENT-LADEN WATER MUST PASS THROUGH A SETTLING POND, FILTER BAG, OR OTHER COMPARABLE PRACTICE, PRIOR TO DISCHARGE.
NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.

ALL PROCESS WASTEWATER (EQUIPMENT WASHING, LEACHATE FROM ON-SITE WASTE DISPOSAL, ETC.) SHALL BE COLLECTED AND DISPOSED OF AT A PUBLICLY OWNED TREATMENT WORKS.
ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH ALL LOCAL EROSION/SEDIMENT CONTROL, WASTE DISPOSAL, SANITARY AND HEALTH REGULATIONS.
OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND IMPLEMENTATION OF ADDITIONAL EROSION CONTROL ITEMS, AT THE ENGINEER'S DISCRETION.
NO SOIL, ROCK, DEBRIS OR OTHER MATERIAL SHALL BE DUMPED OR PLACED IN ANY AREAS NOT ADEQUATELY PROTECTED BY EROSION CONTROL INSTALLATIONS.

IT IS PREFERRED TO USE PERMANENT EROSION CONTROL ITEMS AS SHOWN IN THE PLANS TO CONTROL CONSTRUCTION POLLUTION WHEN POSSIBLE. OTHERWISE, THE TEMPORARY POLLUTION PREVENTION ITEMS ARE TO BE USED.
MOST TEMPORARY S&EC METHODS, INCLUDING BUT NOT LIMITED TO, SILT FENCE AND DITCH CHECKS MAY ALL HAVE TO BE PERIODICALLY REMOVED AND REPLACED, OR MOVED FROM THE EXISTING ROAD DITCH OR STRIPPED AREAS AS WORK PROGRESSES. ANY CHANGES SHALL BE NOTED IN THE PLAN BY RED LINE AND DATED ON A CORRECTIVE ACTION LOG.

ALL TEMPORARY SEDIMENT CONTROLS AND STORM WATER QUALITY METHODS WILL BE BUILT/INSTALLED AS THE PROJECT PROGRESSES TO ELIMINATE UNNECESSARY DISTURBANCE AND REDUNDANCY. ALL TEMPORARY CONTROLS SHALL BE IN PLACE AND FUNCTIONING PROPERLY WHEN THREATENING WEATHER IS IMMINENT.

TEMPORARY STABILIZATION MEANS THE ESTABLISHMENT OF TEMPORARY VEGETATION, MULCHING, GEOTEXTILES, SOD, PRESERVATION OF EXISTING VEGETATION AND OTHER TECHNIQUES CAPABLE OF QUICKLY ESTABLISHING COVER OVER DISTURBED AREAS TO PROVIDE EROSION CONTROL BETWEEN CONSTRUCTION OPERATIONS.

PERMANENT STABILIZATION MEANS THE ESTABLISHMENT OF PERMANENT VEGETATION, DECORATIVE LANDSCAPE MULCHING, MATTING, SOD, RIP RAP AND LANDSCAPING TECHNIQUES TO PROVIDE PERMANENT EROSION CONTROL ON AREAS WHERE CONSTRUCTION OPERATIONS ARE COMPLETE OR WHERE NO FURTHER DISTURBANCE IS EXPECTED FOR AT LEAST A YEAR.

OFF-SITE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. ALL PAVED STREETS ADJACENT TO THE SITE WILL BE SWEEPED DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.

STABILIZATION PRACTICES
PERMANENT SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PART III.B OF OHIO EPA PERMIT NO.: OHC000004 (SEE TABLE 1)

TABLE 1: PERMANENT STABILIZATION

AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
ANY OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

TEMPORARY SEEDING AND MULCHING STABILIZATION SHALL BE PROVIDED PER OEPA GUIDELINES AS SET FORTH IN PAR II.B OF OHIO EPA NO.: OHC000004 (SEE TABLE 2)

TABLE 2: TEMPORARY STABILIZATION

AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WINTER WEATHER

ALL TEMPORARY EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE REMOVED WHEN 70% VEGETATION HAS BEEN REACHED.

SEEDING & MULCHING
MULCH AND/OR OTHER APPROPRIATE VEGETATIVE PRACTICES SHALL BE APPLIED TO DISTURBED AREAS WITHIN 7 DAYS OF GRADING IF THE AREA IS TO REMAIN DORMANT (UNDISTURBED) FOR MORE THAN 14 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.
MULCH SHALL CONSIST OF UNROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 3 TONS/AC, OR 138 LB./1000 SQ. FT. (TWO TO THREE BALES). THE STRAW MULCH SHALL BE SPREAD UNIFORMLY BY HAND OR MECHANICALLY SO THE SOIL SURFACE IS COVERED, FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1000-SQ.-FT. SECTIONS AND PLACE THREE 45-LB. BALES OF STRAW IN EACH SECTION.
MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR RUNOFF. THE FOLLOWING ARE ACCEPTABLE METHODS FOR ANCHORING MULCH:
1) MECHANICAL-USE A DISK, CRIMPER, OR SIMILAR TYPE TOOL SET STRAIGHT TO PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT BE LEFT GENERALLY LONGER THAN 6 IN.
2) MULCH NETTINGS-USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, FOLLOWING ALL PLACEMENT AND ANCHORING SUGGESTIONS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
3) ASPHALT EMULSION-FOR STRAW MULCH, APPLY AT THE RATE OF 160 GAL./AC. (0.1 GAL./SQ.) INTO THE MULCH AS IT IS BEING APPLIED OR AS RECOMMENDED BY THE MANUFACTURER.
4) SYNTHETIC BINDERS-FOR STRAW MULCH, SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRI-TAC), DCA-70, PETROSET, TERRA TACK OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER.

TEMPORARY SEEDING & MULCHING FOR EROSION CONTROL

SEED TYPE	PER 1000 SQ FT	PER ACRE
PERENNIAL RYEGRASS	1 POUND	40 POUNDS
FALL FESCUE	1 POUND	40 POUNDS
ANNUAL RYEGRASS	1 POUND	40 POUNDS
SMALL GRAIN STRAW	90 POUNDS	2 TONS
FERTILIZER	6 POUNDS OF 10-10-10 OR 12-12-12	250 POUNDS OF 10-10-10 OR 12-12-12

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

WINTER SEEDING & MULCHING
WINTER SEED AND MULCH IS REQUIRED FOR EARTH DISTURBANCE ACTIVITY OPERATIONS OCCURRING BETWEEN OCTOBER 15 AND MARCH 15 AND CAN ONLY BE INSTALLED DURING THAT TIME. ALL STRAW MULCH INCLUDED IN THIS WORK MUST BE EITHER CRIMPED IN PLACE OR INSTALLED WITH A BIODEGRADABLE BONDED FIBER MATRIX. CRIMPED MULCH IS REQUIRED TO BE ANCHORED INTO THE SOIL SURFACE WITH A MECHANICAL CRIMPING IMPLEMENT OR OTHER SUITABLE IMPLEMENT APPROVED BY THE ENGINEER. THE MULCH INCLUDED IN THIS WORK MUST BE CAPABLE OF PROVIDING SUFFICIENT DURABLE PROTECTIVE COVER THAT PROVIDES OEPA NPDES PERMIT COMPLIANT EROSION CONTROL FOR A MINIMUM OF 6 MONTHS. THE USE OF OTHER SEED AND/OR MULCH MATERIALS IN THIS TIME PERIOD REQUIRES SPECIFIC APPROVAL BY THE ENGINEER. THE USE OF WINTER SEEDING AND MULCHING IS NOT AN ACCEPTABLE PRACTICE FOR PROTECTING THE SUBGRADE SURFACE.

STOCKPILE
SILT FENCING SHALL BE INSTALLED AROUND TEMPORARY SPOIL STOCKPILES. THESE STOCKPILES SHALL BE STRAW MULCHED AND/OR TEMPORARILY SEEDED WITHIN 7 WORKING DAYS IF LEFT DORMANT FOR 14 DAYS OR LONGER.

TIMING OF CONTROLS/MEASURES
AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, CONSTRUCTION ENTRANCE(S) AND SILT FENCE WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. SEDIMENT CONTROL DEVICES SHALL BE IMPLEMENTED FOR ALL AREAS REMAINING DISTURBED LONGER THAN 14 DAYS AND/OR WITHIN 7 DAYS OF ANY GRUBBING ACTIVITIES. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 2 DAYS OF THE LAST DISTURBANCE IF THE AREA IS WITHIN 50 FEET OF A STREAM, AND WITHIN 7 DAYS OF THE LAST DISTURBANCE IF THE AREA IS MORE THAN 50 FEET AWAY FROM A STREAM. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE BASIN.

STABILIZATION TYPE	J	F	M	A	M	J	J	A	S	O	N	D
PERMANENT SEEDING												
DORMANT SEEDING	●	●	●	●	●	●	●	●	●	●	●	●
TEMPORARY SEEDING												
SODDING												
MULCHING	●	●	●	●	●	●	●	●	●	●	●	●

* - IRRIGATION NEEDED
** - IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SOD IS APPLIED

INSPECTIONS
ALL BMPs ON THIS SITE SHALL BE INSPECTED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER A RAIN EVENT OF 0.5 INCHES PER 24 HOUR PERIOD. A RECORD OF THESE INSPECTIONS SHALL BE MAINTAINED IN THE CONSTRUCTION OFFICE WITH THE SWPPP FOR PUBLIC VIEWING. ANY VIOLATIONS WILL BE REPORTED THROUGH THE PROJECT PERSONNEL. A RAIN GAUGE WILL BE LOCATED WITHIN THE PROJECT LIMITS.
FOLLOWING EACH INSPECTION, A CHECKLIST MUST BE COMPLETED AND SIGNED BY THE QUALIFIED INSPECTION PERSONNEL REPRESENTATIVE. AT A MINIMUM, THE INSPECTION REPORT SHALL INCLUDE:
I. THE INSPECTION DATE;
II. NAMES, TITLES, AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION;
III. WEATHER INFORMATION FOR THE PERIOD SINCE THE LAST INSPECTION (OR SINCE COMMENCEMENT OF CONSTRUCTION ACTIVITY IF THE FIRST INSPECTION) INCLUDING A BEST ESTIMATE OF THE BEGINNING OF EACH STORM EVENT, DURATION OF EACH STORM EVENT, APPROXIMATE AMOUNT OF RAINFALL FOR EACH STORM EVENT (IN INCHES), AND WHETHER ANY DISCHARGES OCCURRED;
IV. WEATHER INFORMATION AND A DESCRIPTION OF ANY DISCHARGES OCCURRING AT THE TIME OF THE INSPECTION;
V. LOCATION(S) OF DISCHARGES OF SEDIMENT OR OTHER POLLUTANTS FROM THE SITE;
VI. LOCATION(S) OF BMPs THAT NEED TO BE MAINTAINED;
VII. LOCATION(S) OF BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION;
VIII. LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED THAT DID NOT EXIST AT THE TIME OF INSPECTION, AND
IX. CORRECTIVE ACTION REQUIRED INCLUDING ANY CHANGES TO THE SWPPS NECESSARY AND IMPLEMENTATION DATES.

THE PERMITTEE SHALL MAINTAIN A RECORD OF ALL INSPECTIONS FOR A PERIOD OF 3 YEARS FOLLOWING THE SUBMITTAL OF THE NOTICE OF TERMINATION.

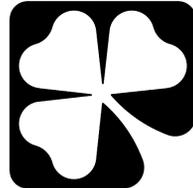
MAINTENANCE
THE CONTRACTOR SHALL MAINTAIN, REPAIR, OR REPLACE ALL EROSION CONTROL INSTALLATIONS AS NEEDED TO ENSURE THE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL REPAIRS TO BMPs SHALL BE MADE WITHIN 3 DAYS (OR SOONER IF POSSIBLE) OF NOTIFICATION OF DEFICIENCIES. IF THE CORRECTIONS ARE NOT MADE WITHIN THE 3 DAY PERIOD, LIQUIDATED DAMAGES MAY BE ASSESSED AS PER THE ODOT CMS SECTION 108.27, ONGOING INSPECTION OF INSTALLATIONS WILL BE PERFORMED BY THE CONTRACTOR OR DESIGNATED REPRESENTATIVE.
ANY TRAPPED SEDIMENT OR DEBRIS REMOVED DURING CLEANING OF OR REMOVAL OF BMP INSTALLATIONS SHALL BE PLACED IN AREAS NOT SUBJECT TO EROSION AND PERMANENTLY STABILIZED.

SPILL PREVENTION
THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.
GOOD HOUSEKEEPING:
THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.
1. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
2. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
5. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
6. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
7. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.

HAZARDOUS PRODUCTS:
THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.
1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
2. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.
3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

SPILL CONTROL PRACTICES
IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
1. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
3. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
4. SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE. SPILLS OF 25 OR MORE GALLONS OF PETROLEUM WASTE MUST BE REPORTED TO OHIO EPA (1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE WITHIN 30 MINUTES OF THE SPILL.
5. SOILS CONTAMINATED BY PETROLEUM OR OTHER CHEMICAL SPILLS MUST BE TREATED/DISPOSED AT AN OHIO EPA APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITY (TSDP).
6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
7. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF SPILL PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:
PETROLEUM PRODUCTS - ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
FUEL STORAGE TANKS SHALL BE LOCATED AWAY FROM SURFACE WATERS AND STORM SEWER SYSTEM INLETS. FUEL TANKS SHALL BE STORED IN A DIKED AREA CAPABLE OF HOLDING 150% OF THE TANK CAPACITY.
FERTILIZERS - FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED, THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
PAINTS - ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
CONCRETE TRUCKS - CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.
DUST CONTROL
DUST CONTROL INVOLVES PREVENTING OR REDUCING DUST FROM EXPOSED SOILS OR OTHER SOURCES DURING LAND DISTURBING, DEMOLITION AND CONSTRUCTION ACTIVITIES TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS OR HARM ANIMAL OR PLANT LIFE.
THE FOLLOWING SPECIFICATIONS FOR DUST CONTROL SHALL BE FOLLOWED ONSITE:
1. VEGETATIVE COVER AND MULCH - APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 14 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING PRACTICES, AND TREE AND NATURAL AREA PROTECTION PRACTICES.
2. WATERING - SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND PREP AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS' INSTRUCTIONS.
3. SPRAY-ON ADHESIVES - APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.



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PRELIMINARY DEVELOPMENT PLAN
PROPOSED FACILITY FOR:
LOGITECH
SEEDS ROAD GROVE CITY, OHIO

REVISIONS

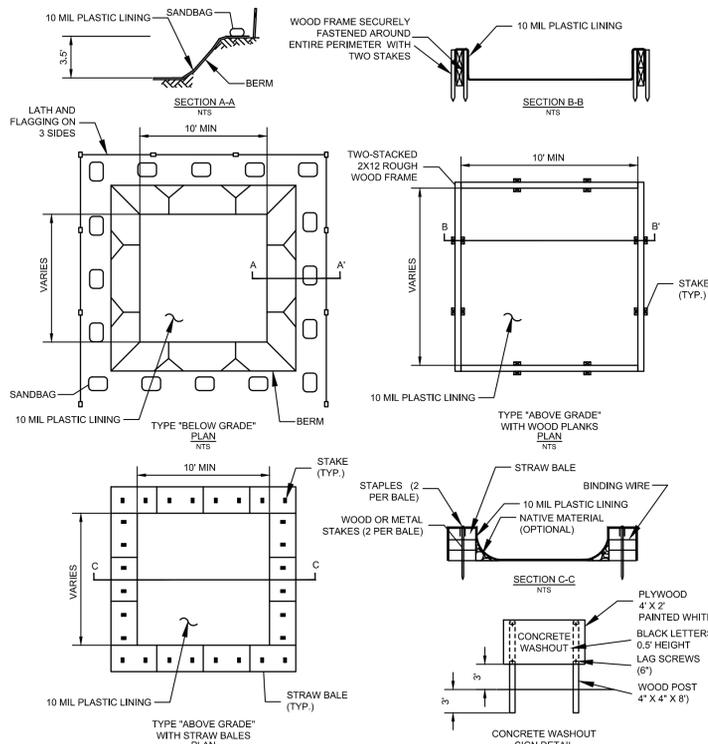
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DATE 03/23/2015
EROSION CONTROL NOTES
C1.2
JOB NO. 150018.00



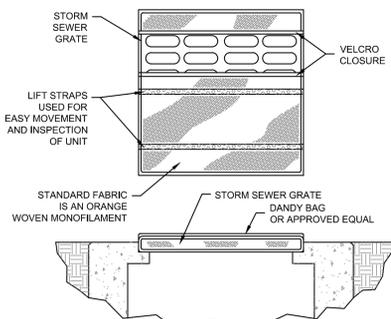
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CIVIL ENGINEERING SURVEYING LANDSCAPE ARCHITECTURE
www.kleingers.com
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Westerville, OH 43081
614.882.4311





- NOTES:
1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

CONCRETE WASHOUT DETAIL
NTS



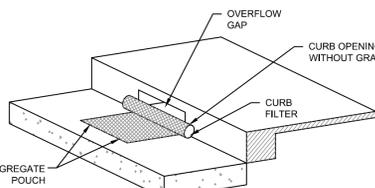
SPECIFICATIONS

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	KN (LBS)	1.62 (365) X 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4633	KN (LBS)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	KPA (PSI)	3097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4633	KN (LBS)	0.51 (115) X 0.33 (75)
UV RESISTANCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	MM (US STD SIEVE)	0.425 (#40)
FLOW RATE	ASTM D 4491	1/MIN/IN (GAL/MIN/FT)	5907 (145)
PERMITTIVITY	ASTM D 4491	SEC	2.1

INSTALLATION: THE EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLOW IN POUCH ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE. PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTACT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS, REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

DANDY BAG DETAIL
NTS



SPECIFICATIONS

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	KN (LBS)	1.62 (365) X 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4633	KN (LBS)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	KPA (PSI)	3097 (450)
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APPARENT OPENING SIZE	ASTM D 4751	MM (US STD SIEVE)	0.425 (#40)
FLOW RATE	ASTM D 4491	1/MIN/IN (GAL/MIN/FT)	5907 (145)
PERMITTIVITY	ASTM D 4491	SEC	2.1

INSTALLATION: PLACE DANDY CURB INLET PROTECTION UNIT ON GROUND WITH AGGREGATE POUCH ON STREET SIDE NEAR INLET IT WILL BE INSTALLED ON. TO INSTALL ABSORBENT, PLACE ABSORBENT SOCK IN POUCH. FILL POUCH WITH AGGREGATE SUCH AS #5-7, #8 OR SIMILAR TO A LEVEL (AT LEAST 12 FULL) THAT WILL KEEP UNIT IN PLACE DURING A STORM EVENT AND CREATE A SEAL BETWEEN THE DANDY CURB AND THE SURFACE OF THE STREET. RESEAL VELCRO ACCESS. CENTER THE UNIT AGAINST THE CURB OR MEDIAN INLET OPENING SO THAT THE CURB SIDE OF THE UNIT CREATES A SEAL WITH THE CURB OR MEDIAN BARRIER AND INLET STRUCTURE.

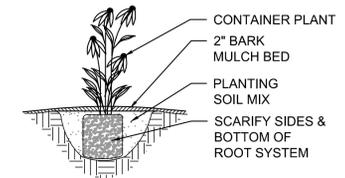
MAINTENANCE: WITH A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL REMOVE SILT & OTHER DEBRIS OFF SURFACE AFTER EACH EVENT. REMOVE FINE MATERIAL FROM INSIDE ENVELOPE AS NEEDED. REMOVE AND REPLACE ABSORBENT WHEN NEAR SATURATION.

DANDY CURB DETAIL
NTS

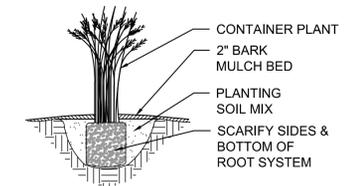
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PLANTING SCHEDULE

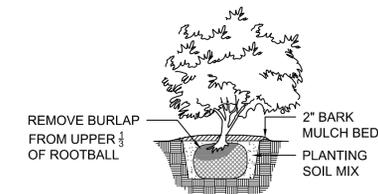
KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
DECIDUOUS TREES:					
ACE RUB	ACER RUBRUM 'AUTUMN RADIANCE'	AUTUMN RADIANCE RED MAPLE	2.5" CAL.	B&B	
AME GRA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	7' HGT.	B&B	CLUMP
BET NIG	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	12' HGT.	B&B	CLUMP
CRA VIR	CRATAEGUS VIRIDIS 'WINTER KING'	WINTER KING HAWTHORN	2" CAL.	B&B	TREE-FORM
QUE SHU	QUERCUS SHUMARDII	SHUMARD OAK	2.5" CAL.	B&B	
SHRUBS:					
JUN CHI	JUNIPERUS CHINENSIS 'SEA GREEN'	SEA GREEN JUNIPER	36" HT MIN.	B&B	4' O.C.
JUN SAB	JUNIPERUS SABINA 'BLUE DANUBE'	BLUE DANUBE JUNIPER	18" HT MIN.	B&B	5' O.C.
PERENNIALS & ORNAMENTAL GRASSES					
CAL ACU	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER REED GRASS	#2	CONT.	30" O.C.



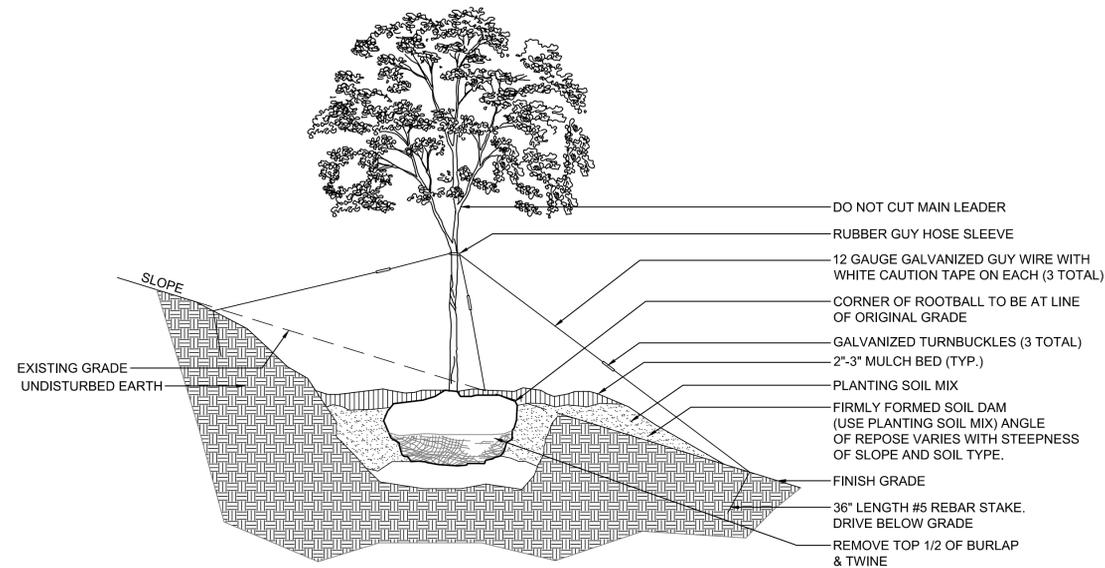
2 PERENNIAL / GROUNDCOVER PLANTING
N.T.S.



3 ORNAMENTAL GRASS PLANTING
N.T.S.



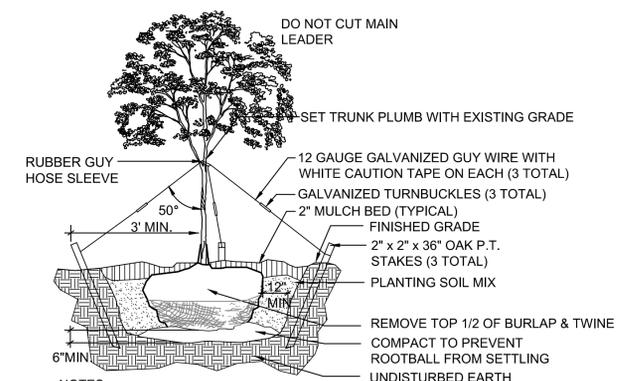
4 SHRUB PLANTING
N.T.S.



NOTES:

- TOP OF ROOT BALL TO BE 2"-3" ABOVE ADJACENT FINISHED GRADE.
- REMOVE ALL LABELS, TAGS, OR OTHER FOREIGN MATERIALS FROM LIMBS. REMOVE GUY WIRES, TURNBUCKLES, HOSE AND STAKES 1 YEAR AFTER PLANTING.
- THE AMOUNT OF PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES AND TO COMPENSATE FOR THE LOSS OF ROOTS DURING TRANSPLANTING. RETAIN NORMAL SHAPE OF TREE. OWNERS REPRESENTATIVE WILL DETERMINE AMOUNT OF PRUNING NECESSARY.
- PIT DIAMETER AND DEPTHS SHALL VARY WITH THE TYPE AND SIZE OF THE PLANT, THE SOIL TYPE, AND OTHER SITE CONDITIONS.

1 DECIDUOUS TREE PLANTING ON A SLOPE
N.T.S.



NOTES:

- TOP OF ROOT BALL TO BE 2"-3" ABOVE ADJACENT FINISHED GRADE.
- REMOVE ALL LABELS, TAGS, OR OTHER FOREIGN MATERIALS FROM LIMBS.
- REMOVE GUY WIRES, TURNBUCKLES, HOSE AND STAKES 1 YEAR AFTER PLANTING. THE AMOUNT OF PRUNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS AND BRANCHES AND TO COMPENSATE FOR THE LOSS OF ROOTS DURING TRANSPLANTING. RETAIN NORMAL SHAPE OF TREE. OWNERS REPRESENTATIVE WILL DETERMINE AMOUNT OF PRUNING NECESSARY.
- PLANT TREES AT SAME GRADE AS GROWN IN THE NURSERY.

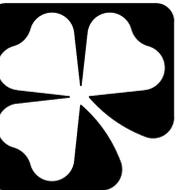
5 DECIDUOUS TREE PLANTING
N.T.S.



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PRELIMINARY DEVELOPMENT PLAN

PROPOSED FACILITY FOR:
LOGITECH
SEEDS ROAD GROVE CITY, OHIO

REVISIONS

NO.	DATE	DESCRIPTION

DATE 03/23/2015

LANDSCAPE DETAILS

L1.1

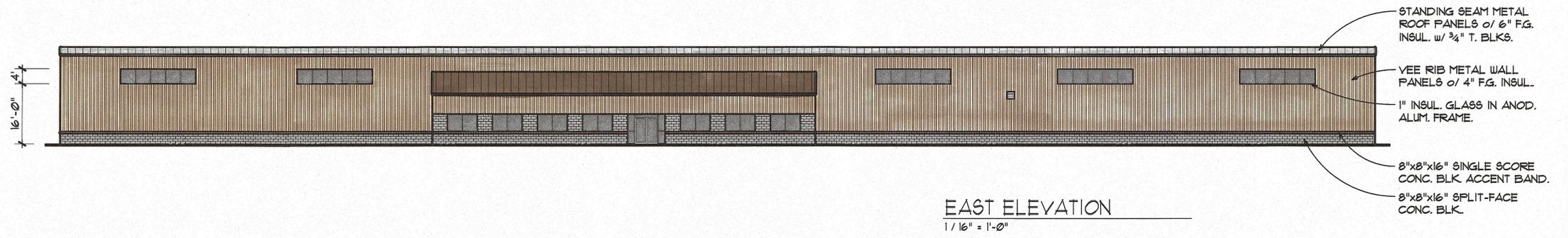
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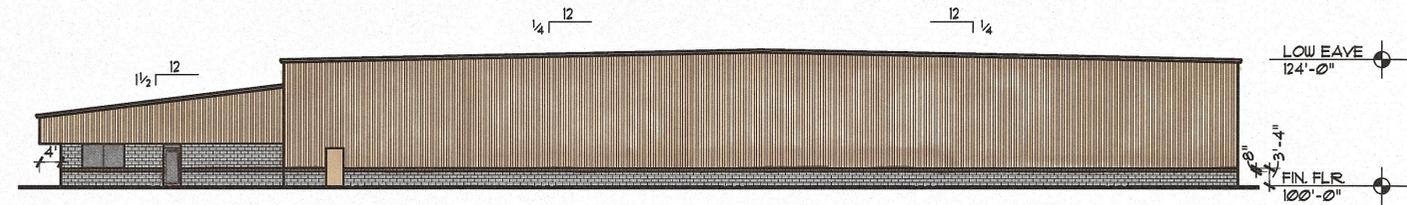
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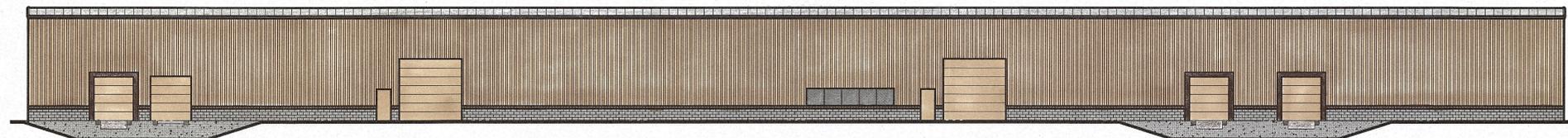
EAST ELEVATION
1/16" = 1'-0"

NOTES:

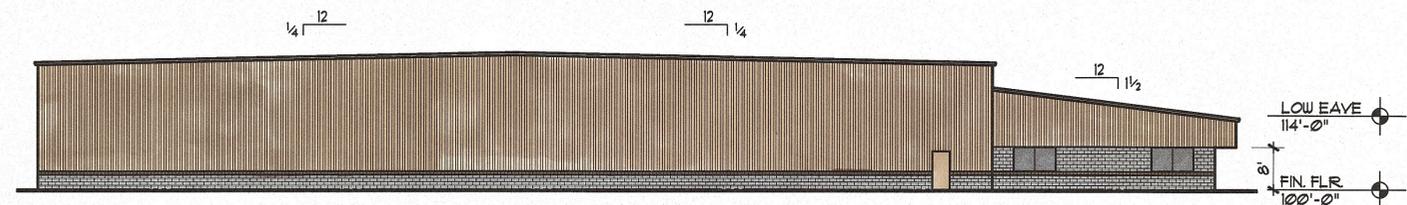
1. ALL MASONRY TO BE IN RUNNING BOND.
2. ALL SPLIT-FACE, REGULAR 4 SINGLE SCORE CONC BLOCK TO RECEIVE TOOLED CONCAVE MORTAR JOINT.
3. ALL MORTAR TO MATCH BLOCK COLOR.
4. IN ALL SPLIT-FACE BLOCK AREAS CARRY SPLIT-FACE ONE COURSE BELOW FINISHED GRADE.
5. PROVIDE MASONRY CONTROL JOINTS @ MAX. SPACING OF 30' o.c.



NORTH ELEVATION
1/16" = 1'-0"



WEST ELEVATION
1/16" = 1'-0"



SOUTH ELEVATION
1/16" = 1'-0"

BUILDING ELEVATIONS

PROPOSED BUILDING FOR:
LOGITECH INC.
SEEDS ROAD GROVE CITY, OHIO

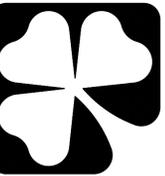
REVISIONS

NO.	DESCRIPTION

DRAWN BY: CJ CHECKED BY:

DATE: FEB. 3, 2015
REVISED:

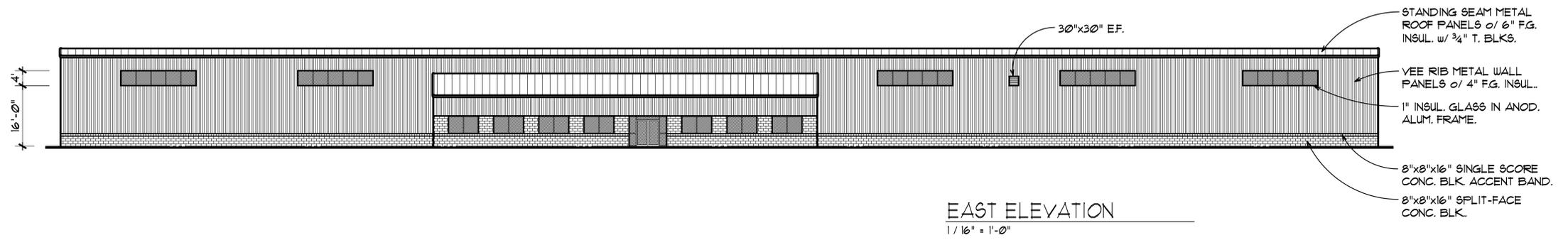
JOB NO. 15-



Dublin Building Systems

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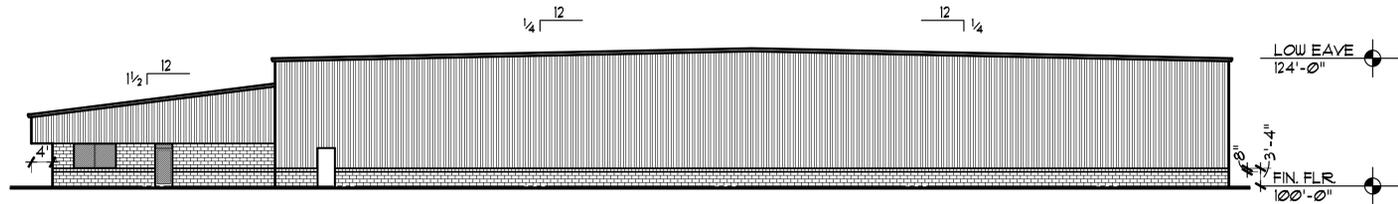


EAST ELEVATION

1/16" = 1'-0"

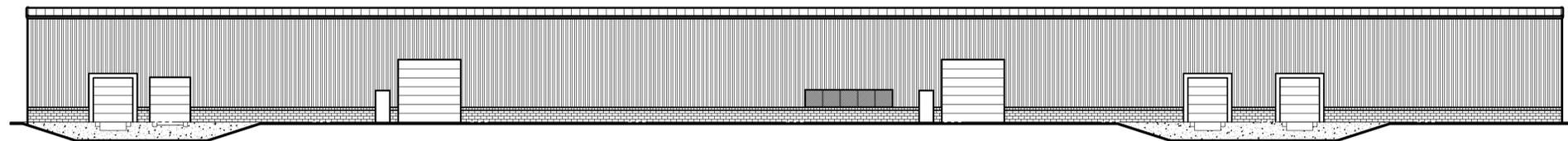
NOTES:

1. ALL MASONRY TO BE IN RUNNING BOND.
2. ALL SPLIT-FACE, REGULAR & SINGLE SCORE CONC BLOCK TO RECEIVE TOOLED CONCAVE MORTAR JOINT.
3. ALL MORTAR TO MATCH BLOCK COLOR.
4. IN ALL SPLIT-FACE BLOCK AREAS CARRY SPLIT-FACE ONE COURSE BELOW FINISHED GRADE.
5. PROVIDE MASONRY CONTROL JOINTS @ MAX. SPACING OF 30' o.c.



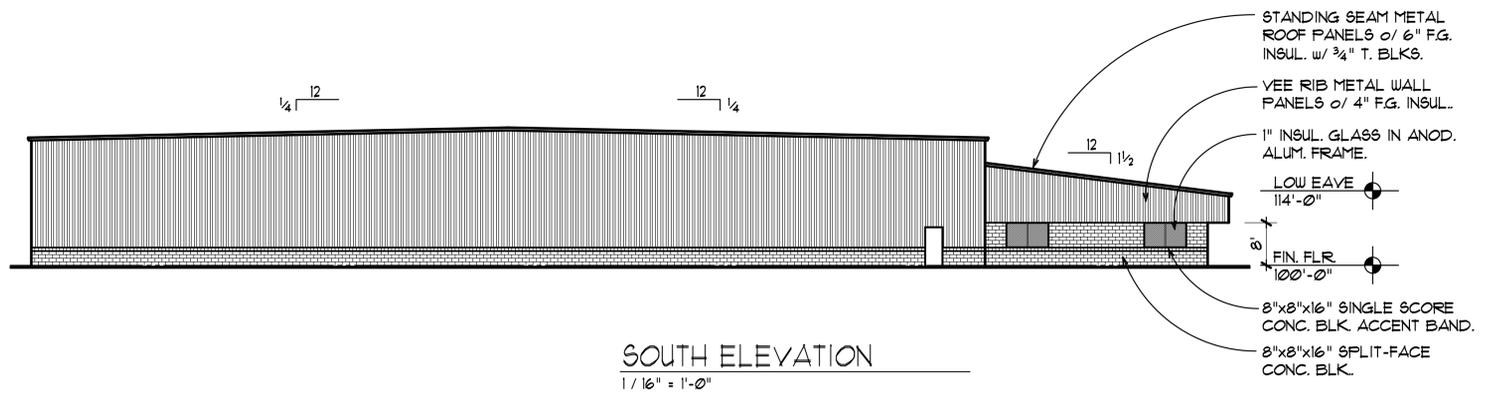
NORTH ELEVATION

1/16" = 1'-0"



WEST ELEVATION

1/16" = 1'-0"



SOUTH ELEVATION

1/16" = 1'-0"

BUILDING ELEVATIONS

PROPOSED BUILDING FOR:
LOGITECH INC.
SEEDS ROAD GROVE CITY, OHIO

REVISIONS

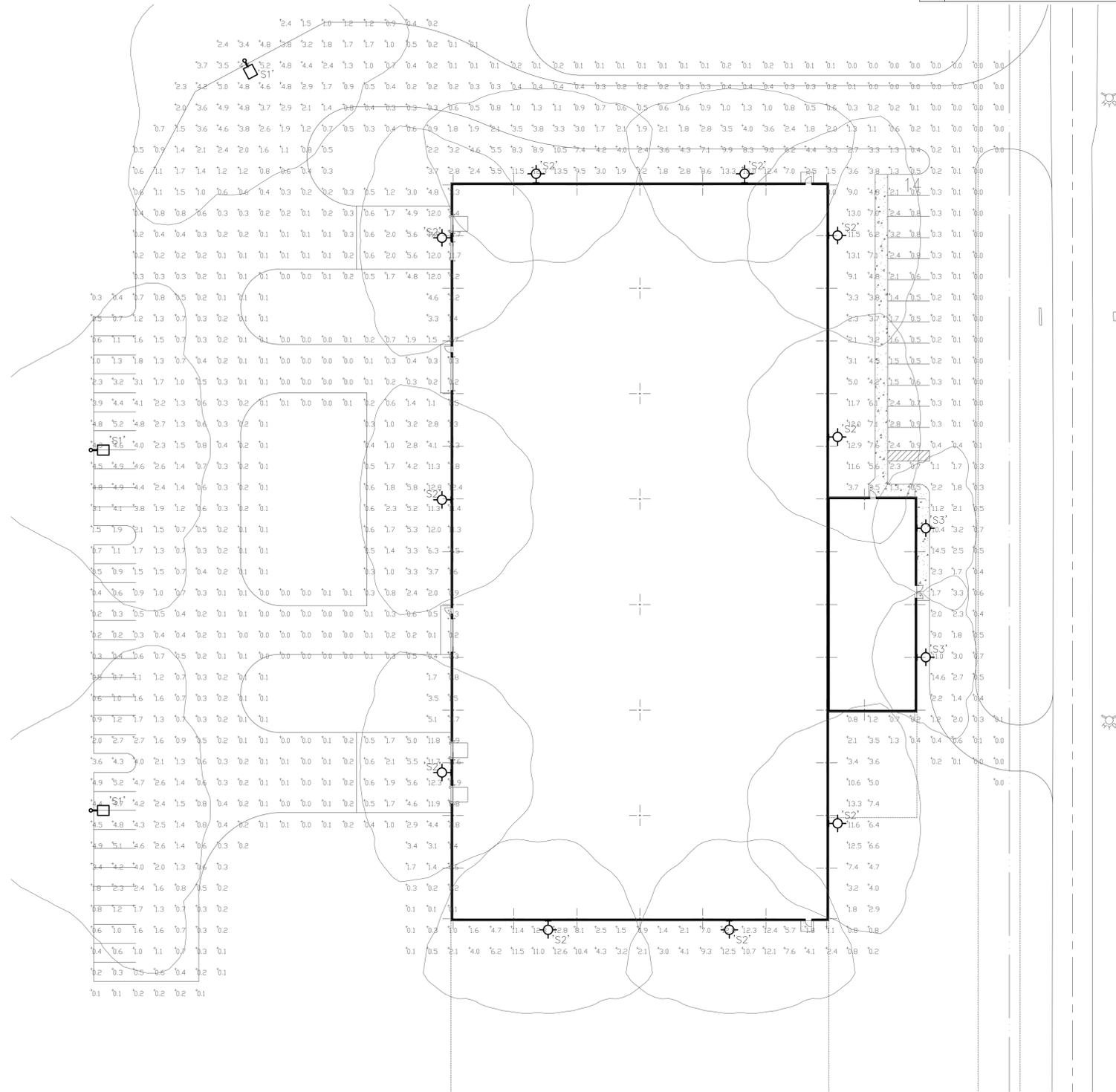
NO.	DATE	DESCRIPTION

DRAWN BY: CJ CHECKED BY:

DATE: FEB. 25, 2015
REVISED:

JOB NO. 15-

LIGHT FIXTURE SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	LAMPS	VOLTAGE
S1	400W METAL HALIDE FIXTURE ON 30' STRAIGHT STEEL POLE WITH BRONZE FINISH	ABLITHONIA CAT. # KAD 400M R2	(1) - 400W MH	480
S2	400W METAL HALIDE WALL PACK WITH BRONZE FINISH	ABLITHONIA CAT. # KAD 400M R2	(1) - 400W MH	277
S3	175W METAL HALIDE WALL PACK WITH BRONZE FINISH	ABLITHONIA CAT. # KAD 175M R2	(1) - 175W MH	277



ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"



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REV. DATE	DESCRIPTION

REV. NO.	DESCRIPTION
1	
2	
3	
4	
5	
6	

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SEEDS ROAD
GROVE CITY, OHIO

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ELECTRIC
17225 KRAFT COURT
NOBLESVILLE, IN 46060
PH. 317-214-6300 FAX 317-214-6301
www.gaylor.com

CERTIFIED BY:

DRAWING TITLE:
ELECTRICAL SITE PLAN

DRAWN BY: MTF
DATE: 02-17-15
SCALE: AS NOTED
APPROVED: RLL/JDS

DRAWING NO:
E101

FEATURES & SPECIFICATIONS

INTENDED USE – Ideal for parking areas, street lighting, walkways and car lots.

CONSTRUCTION – Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Die-cast door frame has impact-resistant, tempered, glass lens that is fully gasketed with one-piece tubular silicone. Finish: Standard finish is dark bronze (DDB) polyester powder finish, with other architectural colors available.

OPTICS – Anodized, aluminum reflectors: IES full cutoff distributions R2 (asymmetric), R3 (asymmetric), R4 (forward throw) and R55 (square) are interchangeable. High-performance anodized, segmented aluminum reflectors IES full cutoff distributions SR2 (asymmetric), SR3 (asymmetric) and SR4SC (forward throw, sharp cutoff). High-performance reflectors attach with tool-less fasteners and are rotatable and interchangeable.

ELECTRICAL – Ballast: High pressure sodium: 70-150W is high reactance, high power factor. Constant wattage autotransformer for 200-400W. Metal halide: 70-150W is high reactance, high power factor and is standard with pulse-start ignitor technology. "SCWA" not required. Constant wattage autotransformer for 175-400W. Super CWA (pulse start ballast), 88% efficient and EISA legislation compliant, is required for metal halide 151-400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. Pulse-start ballast (SCWA) required for 200W, 320W, or 350W. Ballast is 100% factory-tested.

Socket: Porcelain, horizontally oriented medium base socket for 70-150M. Mogul base socket for 175M and above, and 70-400S, with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTINGS – UL Listed (standard). CSA Certified (see Options). UL listed for 25°C ambient and wet locations. IP65 rated in accordance with standard IEC 529.

WARRANTY – 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Specifications subject to change without notice.



Catalog Number
Notes
Type



Specifications

EPA: 1.2 ft.²

*Weight: 35.9 lbs (16.28 kg)

Length: 17-1/2" (44.5)

Width: 17-1/2" (44.5)

Depth: 7-1/8" (18.1)

All dimensions are inches (centimeters) unless otherwise specified.

*Weight as configured in example below.

CONTOUR
SERIES

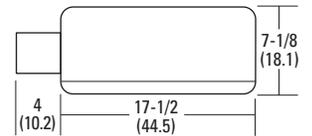
Soft Square Lighting

KAD

METAL HALIDE: 70-400W

HIGH PRESSURE SODIUM: 70-400W

20' TO 35' MOUNTING



ORDERING INFORMATION For shortest lead times, configure product using **bolded options**.

Example: KAD 400M R3 TB SCWA SPD04 LPI

KAD	Wattage			Distribution		Voltage	Ballast	Mounting ¹²	
KAD	Metal halide 70M ^{1,2} 250M ⁵ 100M ¹ 320M ⁴ 150M 350M ^{3,4} 175M ³ 400M ^{5,6} 200M ⁴	High pressure sodium ¹ 70S 100S 150S 250S 400S	Ceramic metal halide 70MHC ^{1,2} 100MHC ¹ 150MHC	Standard reflectors R2 IES type II asymmetric ⁷ R3 IES type III asymmetric ⁷ R4 IES type IV forward throw ⁷ R55 IES type V square	High performance reflectors ⁸ SR2 IES type II asymmetric ⁷ SR3 IES type III asymmetric ⁷ SR4SC IES type IV forward throw	120 208 ⁹ 240 ⁹ 277 347 480 ⁹ TB ¹⁰ 23050HZ ¹¹	(blank) Magnetic ballast CWI Contant wattage isolated ¹¹ Pulse Start SCWA Super CWA pulse-start ballast NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA.	Ships in fixture carton SPD___ Square pole RPD___ Round pole WBD___ Wall bracket WWD___ Wood or pole wall Ships separately ^{13,14} DAD12P Degree arm (pole) DAD12WB Degree arm (wall) WBA Decorative wall bracket ¹⁵ KMA Mast arm external fitter KTMB Twin mounting bar	Arm length 04 4" arm 06 6" arm 09 9" arm 12 12" arm

Options	Finish ²⁰	Lamp ²¹
Shipped installed in fixture SF Single fuse (120, 277, 347V) ¹⁶ DF Double fuse (208, 240, 480V) ¹⁶ PD Power tray ¹⁷ PER NEMA twist-lock receptacle only (no photocontrol) QRS Quartz restrrike system ¹⁸ QRSTD QRS time delay ¹⁸ WTB Terminal wiring block ¹⁷	(blank) Dark bronze DWH White DBL Black DMB Medium bronze DNA Natural aluminum Super Durable Finishes DDBXD Dark bronze DBLXD Black	LPI Lamp included L/LP Less lamp
CSA CSA Certified INTL Available MH for probe start shipping outside the U.S. REGC1 California Title 20, effective 1/1/2010 Shipped separately ¹³ HS House side shield PE1 NEMA twist-lock PE (120, 208, 240V)	PE3 NEMA twist-lock PE (347V) PE4 NEMA twist-lock PE (480V) PE7 NEMA twist-lock PE (277V) SC Shorting cap for PER option VG Vandal guard ¹⁹ WG Wire guard ¹⁹	DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories: Tenon Mounting Slipfitter (RPxx required.)
Order as separate catalog number. Must be used with pole mounting.

		Number of fixtures					
Tenon O.D.	One	Two@180°	Two@90°	Three@120°	Three@90°	Four@90°	
2-3/8"	T20-190	T20-280	T20-290 ²²	T20-320 ²²	T20-390 ²²	T20-490 ²²	
2-7/8"	T25-190	T25-280	T25-290 ²²	T25-320	T25-390 ²²	T25-490 ²²	
4	T35-190	T35-280	T35-290 ²²	T35-320	T35-390 ²²	T35-490 ²²	

Notes

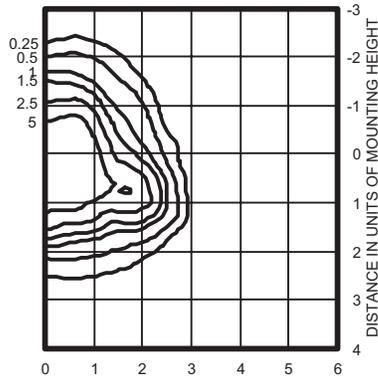
- Not available with SCWA.
- Not available with 480V.
- These wattages do not comply with California Title 20 regulations.
- Must be ordered with SCWA.
- These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347 or 480V.
- Reduced jacket ED28 required for SR2, SR3 and SR4SC optics.
- House-side shield available.
- High performance reflectors not available with QRSTD.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V; in Canada: 120, 277, 347V).
- Consult factory for available wattages.
- 9" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Available with SPD04 and SPD09.
- Must specify voltage. N/A with TB.
- Only available with SR2, SR3 and SR4SC optics.
- Max allowable wattage lamp included.
- Prefix with KAD when ordered as an accessory.
- See www.lithonia.com/archcolors for additional color options.
- Must be specified. L/LP not available with MHC.
- Must use RPD09.

KAD Metal Halide, Arm-mounted Soft Square Cutoff

Coefficient of Utilization _____
 Initial Footcandles _____

KAD 400M R2 Test no. 1193083101P

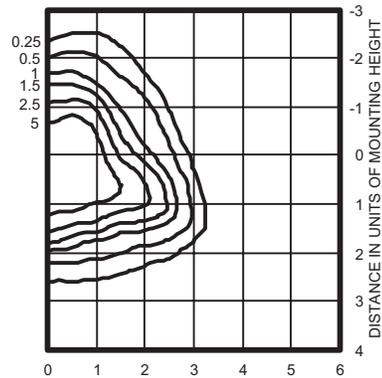
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
 Classification: Type II, Short, Full Cutoff

KAD 400M R3 Test no. 1192040902P

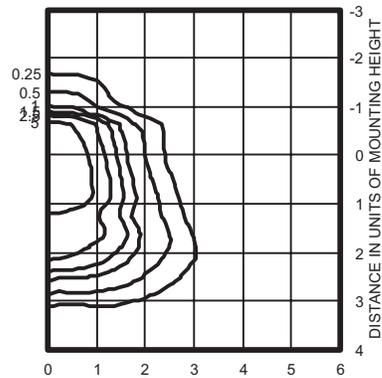
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Type II, Short, Full Cutoff

KAD 400M R4 Test no. 1191110101P

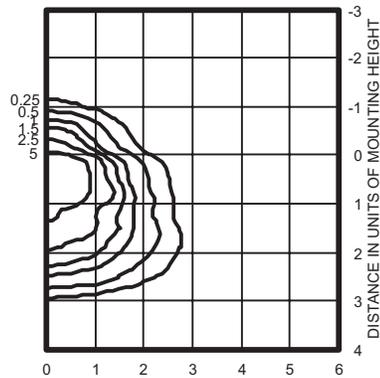
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type III, Very Short), Full Cutoff

KAD 400M R4HS Test no. 1192061101P

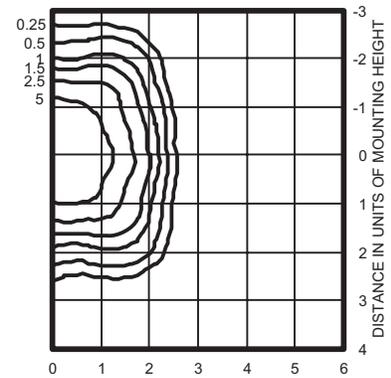
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type III, Very Short), Full

KAD 400M R5S Test no. 1194040801P

ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type NC, Very Short), Full Cutoff

Notes

- 1 Photometric data for other distributions can be accessed at www.lithonia.com.
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.
- 3 For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

25 ft. = 0.64

35 ft. = 0.32

40 ft. = 0.25

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction Factor}$$

FEATURES & SPECIFICATIONS

INTENDED USE — Square straight steel pole for up to 39-foot mounting height.

CONSTRUCTION — Weldable-grade, hot-rolled, commercial-quality carbon steel tubing with a minimum yield of 55,000 psi (11-gauge), or 50,000 psi (7-gauge). Uniform wall thickness of .1196" or .1793". Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformly square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4, 5 and 6 inches.

Anchor base is fabricated from hot-rolled carbon steel plate conforming to ASTM A36, that meets or exceeds a minimum-yield strength of 36,000 psi. Base plate and shaft are circumferentially welded top and bottom. Base cover is finished to match pole.

A handhole having nominal dimensions of 3" x 5" for all shafts. Included is a cover with attachment screws.

Top cap provided with all drill-mount and open top "PT" poles.

Fasteners are high-strength galvanized, zinc-plated or stainless steel.

Finish: Must specify finish.

Grounding: Provision located immediately inside handhole rim. Grounding hardware is not included (provided by others).

Anchor bolts: Top portion of anchor bolt is galvanized per ASTM A-153. Made of steel rod having a minimum yield strength of 55,000 psi.

Note: Specifications subject to change without notice.

Actual performance may differ as a result of end-user environment and application.

Catalog Number
Notes
Type



Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

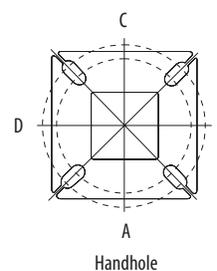
ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: SSS 20 5C DM19 DDB

SSS Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness	Mounting ¹	Options	Finish ¹⁰	
SSS	10 – 39 feet (See back page.)	(See back page.)	<p>Tenon mounting</p> <p>PT Open top (includes top cap)</p> <p>T20 2-3/8" O.D. (2" NPS)</p> <p>T25 2-7/8" O.D. (2-1/2" NPS)</p> <p>T30 3-1/2" O.D. (3" NPS)</p> <p>T35 4" O.D. (3-1/2" NPS)</p> <p>Drill mounting²</p> <p>DM19 1 at 90°</p> <p>DM28 2 at 180°</p> <p>DM28 PL 2 at 180° with one side plugged</p> <p>DM29 2 at 90°</p> <p>DM39 3 at 90°</p> <p>DM49 4 at 90°</p> <p>CSX/DSX/AERIS™/OMERO™ Drill mounting²</p> <p>DM19AS 1 at 90°</p> <p>DM28AS 2 at 180°</p> <p>DM29AS 2 at 90°</p> <p>DM39AS 3 at 90°</p> <p>DM49AS 4 at 90°</p>	<p>AERIS™ Suspend drill mounting^{2,3}</p> <p>DM19AST_ 1 at 90°</p> <p>DM28AST_ 2 at 180°</p> <p>DM29AST_ 2 at 90°</p> <p>DM39AST_ 3 at 90°</p> <p>DM49AST_ 4 at 90°</p> <p>OMERO™ Suspend drill mounting^{2,3}</p> <p>DM19MRT_ 1 at 90°</p> <p>DM28MRT_ 2 at 180°</p> <p>DM29MRT_ 2 at 90°</p> <p>DM39MRT_ 3 at 90°</p> <p>DM49MRT_ 4 at 90°</p>	<p>Shipped installed</p> <p>L/AB Less anchor bolts</p> <p>VD Vibration damper</p> <p>TP Tamper proof</p> <p>H1-18Sxx Horizontal arm bracket (1 fixture)^{4,5}</p> <p>FDLxx Festoon outlet less electrical⁴</p> <p>CPL12xx 1/2" coupling⁴</p> <p>CPL34xx 3/4" coupling⁴</p> <p>CPL1xx 1" coupling⁴</p> <p>NPL12xx 1/2" threaded nipple⁴</p> <p>NPL34xx 3/4" threaded nipple⁴</p> <p>NPL1xx 1" threaded nipple⁴</p> <p>EHHxx Extra handhole^{4,6}</p> <p>MAEX Match existing⁷</p> <p>USPOM United States point of manufacture⁸</p> <p>IC Interior coating⁹</p>	<p>Standard colors</p> <p>DDB Dark bronze</p> <p>DWH White</p> <p>DBL Black</p> <p>DMB Medium bronze</p> <p>DNA Natural aluminum</p> <p>Classic colors</p> <p>DSS Sandstone</p> <p>DGC Charcoal gray</p> <p>DTG Tennis green</p> <p>DBR Bright red</p> <p>DSB Steel blue</p> <p>Architectural colors (powder finish)¹⁰</p>

NOTES:

- PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28/T20. The combination includes a required extra handhole.
- The drilling template to be used for a particular luminaire depends on the luminaire that is used. Refer to the Technical Data Section of the Outdoor Binder for Drilling Templates.
- Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
- Specify location and orientation when ordering option.
For 1st "x": Specify the height in feet above base of pole.
Example: 5ft = 5 and 20ft = 20
For 2nd "x": Specify orientation from handhole (A,B,C,D)
Refer to the Handhole Orientation diagram above.
- Horizontal arm is 18" x 2-3/8" O.D. tenon standard.
- Combination of tenon-top and drill mount includes extra handhole.
- Must add original order number
- Use when mill certifications are required.
- Provides enhanced corrosion resistance.
- Additional colors available; see www.lithonia.com/archcolors or Architectural Colors brochure (Form No. 794.3). Powder finish standard.

HANDHOLE ORIENTATION



IMPORTANT INSTALLATION NOTES:

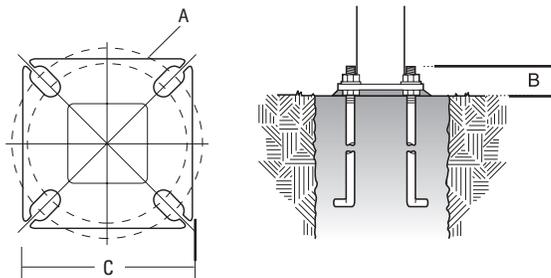
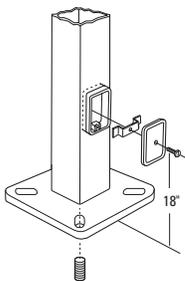
- Do not erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

SSS Square Straight Steel Poles

TECHNICAL INFORMATION

Catalog Number	Nominal mount ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	Gauge	EPA (ft ²) with 1.3 gust						Bolt Circle (in)	Bolt Size (in x in x in)	Approximate ship (lbs)
					80 mph	Max. weight	90 mph	Max. weight	100 mph	Max. weight			
SSS 10 4C	10	4.0 x 10.0	0.1196	11	30.6	765	23.8	595	18.9	473	8--9	3/4 x 18 x 3	75
SSS 12 4C	12	4.0 x 12.0	0.1196	11	24.4	610	18.8	470	14.8	370	8--9	3/4 x 18 x 3	90
SSS 14 4C	14	4.0 x 14.0	0.1196	11	19.9	498	15.1	378	11.7	293	8--9	3/4 x 18 x 3	100
SSS 16 4C	16	4.0 x 16.0	0.1196	11	15.9	398	11.8	295	8.9	223	8--9	3/4 x 18 x 3	115
SSS 18 4C	18	4.0 x 18.0	0.1196	11	12.6	315	9.2	230	6.7	168	8--9	3/4 x 18 x 3	125
SSS 20 4C	20	4.0 x 20.0	0.1196	11	9.6	240	6.7	167	4.5	150	8--9	3/4 x 18 x 3	140
SSS 20 4G	20	4.0 x 20.0	0.1793	7	14	350	11	275	8	200	8--9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.1196	11	17.7	443	12.7	343	9.4	235	10--12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.1793	7	28.1	703	21.4	535	16.2	405	10--12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.1196	11	4.8	150	2.6	100	1	50	8--9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.1793	7	10.8	270	7.7	188	5.4	135	8--9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.1196	11	9.8	245	6.3	157	3.7	150	10--12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.1793	7	18.5	463	13.3	333	9.5	238	10--12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.1793	7	6.7	168	4.4	110	2.6	65	8--9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.1196	11	4.7	150	2	50	--	--	10--12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.1793	7	10.7	267	6.7	167	3.9	100	10--12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.1793	7	19	475	13.2	330	9	225	11--13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.1793	7	5.9	150	2.5	100	--	--	10--12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.1793	7	12.4	310	7.6	190	4.2	105	11--13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.1793	7	7.2	180	3	75	--	--	11--13	1 x 36 x 4	605

BASE DETAIL



POLE DATA

Shaft base size	Bolt circle A	Bolt projection B	Base square C	Template description	Anchor bolt description	Anchor bolt and template number
4"C	8-1/2"	2-3/4"-4"	8"	ABTEMPLATE PJ50004	AB18-0	ABSSS-4C
4"G	8-1/2"	2-3/4"-4"	8"	ABTEMPLATE PJ50004	AB30-0	ABSSS-4G
5"	10"-12"	3-3/8"-4"	11"	ABTEMPLATE PJ50010	AB36-0	ABSSS-5
6"	11"-13"	3-3/8"-4"	12-1/2"	ABTEMPLATE PJ50011	AB36-0	N/A

IMPORTANT:

• These specifications are intended for general purposes only. Lithonia reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.



DBS Memorandum

Date: February 24, 2015

To: City of Grove City

From: Christopher John

Copy: file

Re: Logitech Exterior Colors

Masonry:

Split-Face Wainscot - Oberfields DesignBLOK Gray # 1101

Single Score Painted Accent Band – Dark Bronze

Metal Wall Panel:

Varco Pruden Vee Rib – Cool Sierra Tan

Metal Roof Panel:

Office : Varco Pruden SSR – Cool Dark Bronze

Production : Varco Pruden SSR - Galvalume

Misc.:

Rake Trim, Gutter & Downspouts : Varco Pruden – Cool Dark Bronze

Storefront System:

Framing – Bronze Anodized Aluminum

Glazing – HGP 1” Insulated Solar Bronze

Exterior Lighting

Pole Lights – Bronze Anodized Aluminum

Wall Packs – Bronze Anodized Aluminum

TRACT 2
19.117 ACRES

Situated in the State of Ohio, County of Franklin, City of Grove City and located within Survey Number 1365 of the Virginia Survey District, being part of lot 5 (VMS 1365) of N.C. McLean's Subdivision of (Virginia Military) Surveys No. 1448, 1371, & 1365, D.B 42, Pg. 16, being 19.117 acre out of that 40.706 acre tract described in a deed to Kenneth R. Campbell, Trustee, of record in Official Records Volume 9645, Page I02, all references being to those of record in the Recorder's Office, Franklin County, Ohio, and being more particularly described as follows:

Commencing for reference at a found Franklin County Monument # 5580 being in the centerline of Seeds Road, said monument being the common corner of lots 5 & 6 of said McLean's subdivision of VMS 1365, also being the northeast corner of a 5.002 acre tract of land as conveyed to Patricia A. and Eric L. Wall, Trustee of record in Instrument Number 200607250145226, also being the southeast corner of said 40.706 acre tract, thence;

N 87° 10' 19" W, a distance of **30.00 feet**, in the common line of said lots 5 & 6 to an iron pin set, being 30 feet westerly of the centerline of (original) Seeds Road, also the being on the northerly line of said 5.002 acre tract, and the southerly line of said 40.706 acre tract, thence,

N 02° 41' 58" E, a distance of **798.19 feet**, along the right-of-way line parallel and 30 feet westerly of the centerline of Seeds Road, and going through said 40.706 acre tract, to an iron pin set, said point being the **TRUE POINT OF BEGINNING** for the acreage herein described, thence;

Thence into said 40.706 acre tract along the following five (5) courses and distances with approximate centerline of the historic Linebaugh Ditch:

S 65° 28' 09" W, a distance of **102.53 feet**, to an iron pin set;

S 76° 36' 09" W, a distance of **358.76 feet**, to an iron pin set;

S 27° 02' 01" W, a distance of **223.98 feet**, to an iron pin set;

S 58° 40' 35" W, a distance of **407.73 feet**, to an iron pin set;

S 86° 40' 05" W, a distance of **252.11 feet**, to an iron pin set in the easterly boundary of a 34.379 acre tract as conveyed to T. Richard Barbee, Jr. of record in Official Record 30553, Page F19, the westerly boundary of said 40.706 acre tract, thence;

N 03° 09' 16" E, a distance of **855.64 feet**, to a 1" iron pin found at the common corner of and the southerly limited access right-of-way line of Interstate 71 (FRA-62-2.12, Parcel # 17-LA, D.B. 2139, PG. 536, and Parcel No. 18-LA, D.B. 2095 PG. 290), also the southerly corner of a 16.563 acre tract of land as conveyed to City of Grove City, of record in Instrument Number 201010220140871, at the northeasterly corner of said 34.379 acre tract, at the northwesterly corner of said 40.706 acre tract, thence;

With an arc of a curve to the left, having a central angle of **6° 19' 43"**, a radius of **5879.58 feet**, and arc length of **649.43 feet**, a chord that bears **N 52° 44' 26" E**, a chord distance of **649.10 feet**, with the southerly limited access right-of-way line of said Interstate 71, with the southerly line of said 16.563 acre tract, with the northerly line of said 40.706 acre tract, to an iron pin set at the northerly corner of the residue of said 40.706 acre tract, also being the westerly corner of a 2.050 acre tract conveyed to Connaughton Properties, LLC of record in Instrument Number 200605100090628;

LOT 2
19.117 ACRES

-2-

Thence with the residue of said 40.706 acre tract and with the southerly boundary of said 2.050 acre tract along the following 2 courses and distances:

S 40° 08' 54" E, a distance of **504.17 feet**, to an iron pin set;

S 87° 18' 02" E, a distance of **269.59 feet**, to an iron pin set in the southeast corner of said 2.050 acre tract, in the westerly right-of-way line of Seeds Road, and being 30 feet westerly from the centerline of Seeds Road, thence;

S 02° 41' 56" W, a distance of **297.77 feet**, along said right-of-way line parallel and 30 feet westerly of the centerline of Seeds Road, and across said 40.706 acre tract to the **TRUE POINT OF BEGINNING**, containing 19.117 acres, more or less, and subject to all legal easements and rights-of-way of record.

The above description was prepared from an actual field survey made under the supervision of Michael Ziska, PS # 8621 on December 3rd, 2014. Iron pipes set are $\frac{3}{4}$ " by 30" with cap inscribed "TT 8621". Bearings are based on the Ohio State Plane Coordinate System, South Zone, per NAD 83 (NSRS 2007 Adjustment). Control for bearings was from coordinates of monuments FCGS 5580 & FCGS 1178, having a bearing of N 02° 41' 58" E for the centerline of Seeds Road, established by the Franklin County Engineering Department.

Michael Ziska
Professional Surveyor No. 8621

TRACT 3
12.085 ACRES

Situated in the State of Ohio, County of Franklin, City of Grove City and located within Survey Number 1365 of the Virginia Survey District, being part of lot 5 (VMS 1365) of N.C. McLean's Subdivision of (Virginia Military) Surveys No. 1448, 1371, & 1365, D.B 42, Pg. 16, being 12.085 acre out of that 40.706 acre tract described in a deed to Kenneth R. Campbell, Trustee, of record in Official Records Volume 9645, Page I02, all references being to those of record in the Recorder's Office, Franklin County, Ohio, and being more particularly described as follows:

Commencing for reference at a found Franklin County Monument # 5580 being in the centerline of Seeds Road, said monument being the common corner of lots 5 & 6 of said McLean's Subdivision of VMS 1365, also being the northeast corner of a 5.002 acre tract of land as conveyed to Patricia A. and Eric L. Wall, Trustee of record in Instrument # 200607250145226, also being the southeast corner of said 40.706 acre tract, thence;

N 87° 10' 19" W, a distance of **30.00 feet**, in the common line of said lots 5 & 6 to an iron pin set 30 feet westerly of the centerline of (original) Seeds Road, also the being on the northerly line of said 5.002 acre tract, and the southerly line of said 40.706 acre tract, said point being the **TRUE POINT OF BEGINNING** for the acreage herein described, thence;

N 87° 10' 19" W, a distance of **1118.31 feet**, continuing in the common line of said lots 5 & 6, to an iron pin set in the southwest corner of said 40.706 acre tract, said point being in the north boundary of a 70.120 acre tract of land conveyed to Opal Martino of record in Instrument Number's 201009290127176 and 201009290127178, also being the southeast corner of a 34.379 acre tract as conveyed to T. Richard Barbee, Jr. of record in Official Record 30553, Page F19, thence;

N 03° 09' 16" E, a distance of **190.60 feet**, to an iron pin set on the easterly boundary of said 34.379 acre tract, also being the westerly boundary of said 40.706 acre tract;

Thence into said 40.706 acre tract along the following five (5) courses and distances with the approximate centerline of the historic Linebaugh Ditch:

N 86° 40' 05" E, a distance of **252.11 feet**, to an iron pin set;

N 58° 40' 35" E, a distance of **407.73 feet**, to an iron pin set;

N 27° 02' 01" E, a distance of **223.98 feet**, to an iron pin set;

TRACT 3
12.085 ACRES

-2-

N 76° 36' 09" E, a distance of **358.76 feet**, to an iron pin set;

N 65° 28' 09" E, a distance of **102.53 feet**, to an iron pin set 30 feet west of the centerline of Seeds Road, thence;

S 02° 41' 58" W, a distance of **798.19 feet**, along said right-of-way line parallel and 30 feet west of the centerline of Seeds Road, and across said 40.706 acre tract to the **TRUE POINT OF BEGINNING**, containing 12.085 acres, more or less, and subject to all legal easements and rights-of-way of record.

The above description was prepared from an actual field survey made under the supervision of Michael Ziska, PS # 8621 on December 3rd, 2014. Iron pipes set are $\frac{3}{4}$ " by 30" with cap inscribed "TT 8621". Bearings are based on the Ohio State Plane Coordinate System, South Zone, per NAD 83 (NSRS 2007 Adjustment). Control for bearings was from coordinates of monuments FCGS 5580 & FCGS 1178, having a bearing of N 02° 41' 58" E for the centerline of Seeds Road, established by the Franklin County Engineering Department.

Michael Ziska
Professional Surveyor No. 8621

PLAT OF SURVEY

EXHIBIT "A"

SITUATED IN THE STATE OF OHIO, COUNTY OF FRANKLIN, CITY OF GROVE CITY,
SURVEY NUMBER 1365 OF THE VIRGINIA MILITARY DISTRICT

STATE OF OHIO
PERPETUAL HIGHWAY
EASEMENT
PARCEL NO. 18-LA
FRA-62-2.12
D.B. 2095, P. 290

CONNAUGHTON PROPERTIES LLC
PID 040-013659
2.050 ACRE (DEED)
IN # 200605100090628

CITY OF GROVE CITY
16.563 ACRE
IN # 201010220140871

R=5879.58'
L=649.43'
D=6°19'43"
chb=N52°44'26"E
chd= 649.10'

STATE OF OHIO
PERPETUAL HIGHWAY
EASEMENT
PARCEL NO. 17-LA
FRA-62-2.12
D.B. 2139, P. 536

TRACT 2
LOT SPLIT AREA
19.117 ACRE

T. RICHARD BARBEE, JR.
O.R. 30553, PG. F-19
34.379 ACRES
PID 040-011577

KENNETH R. CAMPBELL, TRUSTEE
ORIGINAL 40.706 AC. (DEED)
REMAINDER 32.067 AC.
O.R. 9645 PG. 102
PID 040-004959

PT. LOT 5 (VMS 1365)
N.C. McLEAN'S SUBDIVISION OF
(VIRGINIA MILITARY) SURVEY NO.
1448, 1371 & 1365
D.B. 41, PG. 16

TRACT 3
LOT SPLIT AREA
12.085 ACRE

S86°40'05"W
252.11'

S58°40'35"W
407.73'

S27°02'01"W
223.98'

S76°36'09"W
358.76'

S65°28'09"W
102.53'

S02°41'56"W 297.77'

S02°41'58"W 798.19'

N87°10'19"W 1118.31'

N87°10'19"W
30.00'

OPAL MARTINO
INS. # 201009290127176
INS. # 201009290127178
70.120 ACRES
PID 160-000167

PATRICIA A. & ERIC L. WALLS, TRS
INS. # 200607250145226
5.002 ACRES
PID 040-007500

PT. LOT 6 (VMS 1365)
N.C. McLEAN'S SUBDIVISION OF
(VIRGINIA MILITARY) SURVEY NO.
1448, 1371 & 1365
D.B. 41, PG. 16

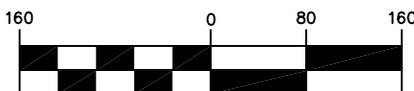
Basis of Bearings:
Bearings are based on the Ohio State Plane
Coordinate System, South Zone, NAD 83
(NSRS 2007 Adjustment). Control for bearings
was from coordinates of monuments FCGS
5580 & FCGS 1178, having a bearing of N
02° 41' 58" E for the centerline of Seeds
Road, established by the Franklin County
Engineering Department.

LEGEND

- ☐ SURVEY MONUMENT FOUND
- 1" IRON PIPE FOUND
- SET 3/4" IRON PIPE-30" LONG (CAPPED PS 8621)



GRAPHIC SCALE



1 inch = 160 ft.

PLAT OF SURVEY

Situated in the State of Ohio, County of Franklin, City of Grove City,
Survey Number 1365 of the Virginia Military District

CERTIFICATION: THIS PLAT IS PREPARED FROM RECORDS ON FILE AT THE FRANKLIN COUNTY
AUDITOR, RECORDER & ENGINEER'S OFFICES AND BASED ON AN ACTUAL FIELD SURVEY
PERFORMED UNDER THE DIRECT SUPERVISION OF MICHAEL R. ZISKA, REGISTERED SURVEYOR
#8621 DURING DECEMBER 3RD 2014 AND IS TRUE AND CORRECT TO THE BEST OF MY
KNOWLEDGE.

BY:
Michael R. Ziska REGISTERED STATE OF OHIO
PROFESSIONAL SURVEYOR No. 8621
DATE OF PLAT: 2/23/2015